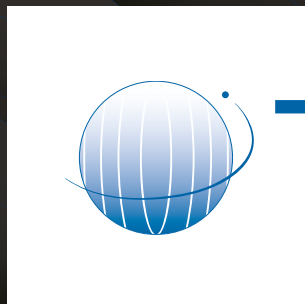# Tegral Lighting Catalogue v4

Tegral
Quality Lighting

Tegral
Quality Lighting

Manufacturers of high quality and reliable lighting products in United Kingdom, Ireland and Germany.

Tegral Lighting is a European based lighting manufacturer with operations in Germany, UK and Ireland. Manufacturing high quality and reliable lighting products has enabled Tegral Lighting to gain market share in its markets and enabled further investment in product design and new technologies.

Our continuous focus on new product development ensures our customers have access to the latest available lighting products on the market. We work closely with customers and have the ability to offer bespoke designed products to suits the clients needs. Tegral Lighting is committed to be a major force in the European Union.

CONTENTS

KEY

CE European Community conformity mark. This denotes that the product conforms with the requirements of relevant EU Directives.

RoHS Restriction of Hazardous Substances (2002/95/EC).

SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR Product is manufactured using a reliable European branded control gear.

Product is electrically insulated and provided with Earth connection.

1-10V DIMMABLE Fixture can be manufactured to be compatable with 1-10v dimmable systems.

DALI DIMMABLE Fixture can be manufactured to be compatible with Dali dimmable systems.

PUSH DIMMABLE Fixtures can be manufactured to be dimmed via a retractive switch, also known as Switch dim.

IP20 This is the level of resistance a fixture offers against solids and liquids.

NITE LITE This product can be manufactured with a Nite Light facility.

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Tegral Quality Lighting

3

COMMERCIAL SURFACE / SUSPENDED

EARTH SUSPENDED/ SURFACE - SP600	EARTH SUSPENDED - SP900	EARTH SUSPENDED CIRCULAR	EARTH SUSPENDED RECTANGULAR	COM LITE SUSPENDED HALO
012	013	014	016	017

JUPITER ONE	JUPITER TWO DIRECT/ INDIRECT	JUPITER TWO DIRECT/ INDIRECT LOW GLARE	JUPITER INLINE	JUPITER RACK LIGHT
018	020	021	022	026

MARS ONE	MARS TWO	MARS THREE	PLUTO ONE	PLUTO TWO
028	030	032	034	036

PLUTO THREE	PLUTO 54	PLUTO 54 V2
038	040	042

COMMERCIAL RECESSED

EARTH ONE	EARTH ONE LOW UGR	EARTH TWO	EARTH THREE LOW UGR	EARTH FOUR LOW UGR
046	048	051	052	054

EARTH 54	EARTH 65	COM LITE PANELS - EDGE LIT	COM LITE PANELS - BACK LIT	COM LITE PANELS - LOW GLARE
056	058	060	062	064

MERCURY ONE	MERCURY TWO	MERCURY THREE	MOON ONE	MOON TWO
066	068	070	072	074

MOON THREE	VENUS 65
076	077

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Tegral
Quality Lighting

5

DOWNLIGHTS

NEPTUNE TWO
080

NEPTUNE THREE
082

NEPTUNE FOUR
084

NEPTUNE FIVE
086

NEPTUNE SIX
088

NEPTUNE 54
090

NEPTUNE 65
092

NEPTUNE SURFACE CANS
094

COMLITE CIRCULAR PANELS
096

COM LITE DOWNLIGHTS: CDL MODELS
098

COM LITE DOWNLIGHTS: CLD MODELS
100

COM LITE DOWNLIGHTS: CLGD MODELS
101

COM LITE MINI DOWNLIGHTS
102

COM LITE ALL IN ONE DOWNLIGHTS
103

DISPLAY

SUNEX ONE
106

SUNEX TWO
108

SUNEX THREE
110

COM LITE LINEAR HIGHBAY/ WALLWASHER
112

COM LITE TRACKLIGHTS
114

INDUSTRIAL

STARLITE ONE
118

STARLITE TWO
120

STARLITE THREE
122

STARLITE 54
123

STARLITE 65 V2
124

INDUSTRIAL (cont.)

STARLITE 65 V3

126

COM LITE HIGHBAY V1

128

COM LITE HIGHBAY V2

130

COM LITE LOW GLARE HIGHBAY

132

COM LITE FOODSAFE HIGHBAY

133

COM LITE LINEAR HIGHBAY V1

134

TEGRAL 65 STAINLESS STEEL

136

TEGRAL 66 T8 LED

138

TEGRAL 66

140

TEGRAL 66 EASYFIT

142

COM LITE IP65 RANGE

144

EXTERNAL LIGHTING

SATURN WALLPACK

148

COM LITE FLOODS V1

150

COM LITE FLOODS V2

152

COM LITE STADIUM FLOODS

154

COM LITE MINI POLYCARBONATE FLOODS

156

COM LITE STREETLIGHTS SL MODELS

158

COM LITE POST TOP

160

COM LITE BOLLARD

162

TEGRAL UP/DOWN EXTERIOR WALL LIGHT

160

COM LITE LANTERN

164

COM LITE WALL LIGHTS

165

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Tegral Quality Lighting

7

BULKHEADS

ORBIT ONE **168**	ORBIT TWO **169**	ORBIT THREE **172**	ORBIT FOUR C MODELS **174**	ORBIT FOUR CWL MODELS **176**
ORBIT FOUR SC MODELS **178**	COM LITE BULKHEADS BH RANGE **180**	COM LITE BULKHEADS CD RANGE **181**	COM LITE BULKHEADS CE RANGE **182**	COM LITE BULKHEADS SE RANGE **184**
COM LITE BULKHEADS CLB RANGE **185**	COM LITE BULKHEADS SLIM BH AND CBH **186**			

EMERGENCY

HEXITLED **190**	HBLED **192**	EMERGENCY BULKHEADS IP65 **193**	EMERGENCY BULKHEADS IP65 - HIGH LUMEN **194**	EMERGENCY BULKHEADS IP20 **195**
SURFACE EMERGENCY SPOT **196**	EXITBOXES **197**	INVERTER KITS - EPMW **198**	LED INVERTER KITS **199**	UNIVERSAL EMERGENCY KIT FOR PANELS OR DOWNLIGHTS **200**
REMOTE EMERGENCY DOWNLIGHTS **201**	TWINSPOTS **204**	ACCESSORIES **205**		

ACCESSORIES

PHOTOCELL KIT **206**	LUX CONTROL SENSOR **207**	INTELLIGENT INTEGRAL PHOTOCELL **209**	INTEGRAL MICROWAVE SENSOR MODEL MS01 **210**	INTEGRAL MICROWAVE SENSOR WITH DETACHABLE HEAD - MS01/D **211**
COMBINATION SENSOR/ DRIVERS FOR CIRCULAR FIXTURES **212**	COMBINATION SENSOR/ DRIVER FOR LINEAR STYLE FIXTURES **214**	STANDALONE RECESSED MICROWAVE SENSOR **216**	STANDALONE DUAL RECESSED/SURFACE MOUNTED PIR SENSOR **217**	BATTEN MOUNTED PIR **218**
HIGHBAY MICROWAVE SENSOR **219**	HIGHBAY MICROWAVE SENSOR - BARREL TYPE **220**	LAMPS - LED LINEAR **221**		

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Tegral Quality Lighting

9

COMMERCIAL SURFACE / SUSPENDED

EARTH SUSPENDED/SURFACE - SP600

RoHS | SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR | 1-10V DIMMABLE | DALI DIMMABLE | PUSH DIMMABLE | TRIAC DIMMABLE

A range of decorative circular high end fixtures suitable for suspension or surface mounting. Ideal for retail and commercial applications where design, energy saving and functionality are as important as reliability.

KEY FEATURES

- 50,000 hr LED life expectancy
- Available in Black and White as standard
- CRI > 80
- L80B10 @ 50,000hrs, Ta = 25 degrees
- Manufactured with Samsung Led and European brand driver
- PF > 0.90
- Zero maintenance

MATERIALS

- Diffuser made from Opal pmma
- Samsung LED and European brand driver
- Sheet Steel housing

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency

ADDITIONAL INFORMATION

- 4000k available as standard and 3000k available to special order
- 3 mtr suspension kit supplied as standard, additional lengths available upon request
- Surface bracket available, order ref SP/SBK

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP40

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE DIA x H (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN	LUMEN PER CIRCUIT WATT
SP600/60/84/BK	Circular pendant lighting fixture Black	60W	600 x 90	SMD LED	Opal Pmma	6000lm	> 100
SP600/60/84/WH	Circular pendant lighting fixture White	60W	600 x 90	SMD LED	Opal Pmma	6000lm	> 100
SP600/100/84/BK	Circular pendant lighting fixture Black	100W	600 x 90	SMD LED	Opal Pmma	10000lm	> 100
SP600/100/84/WH	Circular pendant lighting fixture White	100W	600 x 90	SMD LED	Opal Pmma	10000lm	> 100

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

EARTH SUSPENDED - SP900

A centrepiece decorative circular fixture suitable for suspension only. Ideal for retail and commercial applications where design, energy saving and fucntionality are as important as reliability.

KEY FEATURES

- 50,000 hr LED life expectancy
- Available in White as standard but other RAL colours available upon request
- CRI > 80
- L80B10 @ 50,000hrs Ta 25 degrees
- Manufactured with Samsung Led and European brand driver
- PF > 0.90
- Zero maintenance

MATERIALS

- Diffuser made from Opal pmma
- Samsung LED and European brand driver
- Sheet Steel housing

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- 4000k available as standard and 3000k available to special order
- 5 mtr suspension kit supplied as standard, additional lengths available upon request

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP40

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE DIA x H (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN	LUMEN PER CIRCUIT WATT
SP900/100/84/WH	Circular pendant donut lighting fixture White	100W	900 x 80	SMD LED	Opal Pmma	10000lm	> 100
SP900/150/84/WH	Circular pendant donut lighting fixture White	150W	900 x 80	SMD LED	Opal Pmma	15000lm	> 100

EARTH SUSPENDED CIRCULAR

RoHS | SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR | 1-10V DIMMABLE | DALI DIMMABLE | PUSH DIMMABLE | TRIAC DIMMABLE

A range of highly efficient decorative suspended LED panels. These are ideal replacements for many forms of traditional fluorescent suspended fixtures.

KEY FEATURES

- 50,000 hr LED life expectancy
- Beam angle 120 degrees
- CRI > 80
- Ideal for use in office areas, meeting rooms, reception areas
- Manufactured with quality materials and European brand driver
- PF > 0.90
- Zero maintenance

MATERIALS

- European brand driver
- High quality heat sink

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.
- Suspension kits supplied with fittings are 3mtrs as standard

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP40

Typical installation

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE L x H (mm)	BEAM ANGLE	LIGHT SOURCE	COVER TYPE	NET LUMEN	LUMEN PER CIRCUIT WATT
LEDCP32/84	Suspended circular panel 4000k	32W	600 x 11	120°	LED	Opal Pmma	2470lm	> 80
LEDCP45/84	Suspended circular panel 4000k	45W	600 x 11	120°	LED	Opal Pmma	3550lm	> 80

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

15

EARTH SUSPENDED DIRECT/INDIRECT

CE · RoHS · SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR · 1-10V DIMMABLE · DALI DIMMABLE · PUSH DIMMABLE · TRIAC DIMMABLE

A range of highly efficient decorative suspended LED panels. These are ideal replacements for many forms of traditional fluorescent suspended fixtures.

KEY FEATURES

- 50,000 hr LED life expectancy
- Beam angle 120 degrees
- CRI > 80
- Ideal for use in office areas, meeting rooms, reception areas
- Manufactured with quality materials and European brand driver
- PF > 0.90
- Zero maintenance

MATERIALS

- European brand driver
- High quality heat sink

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.
- Suspension kits supplied with fittings are 2mtrs as standard

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP40

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE L x W x H (mm)	BEAM ANGLE	LIGHT SOURCE	COVER TYPE	NET LUMEN	LUMEN PER CIRCUIT WATT
LEDP45UD/84	Suspended rectangular panel Up/Down light	45W	1195 x 295 x 11	120°	LED	Opal Pmma	3900lm	> 85
LEDP42UD/84	Suspended square panel Up/Down light	42W	595 x 595 x 11	120°	LED	Opal Pmma	3600lm	> 85

COM LITE SUSPENDED HALO

A range of suspended decorative LED luminaires designed with quality material and components. They are the perfect solution for modernisation to energy saving where the aesthetics are vital but an economical renovation is required without the need to compromise on results. These highly efficient luminaires are suitable for use in all retail, commercial and general lighting applications with an emphasis on hotels, restaurants and reception areas.

MATERIALS

- Complete with suspension kit as standard
- Manufactured with high quality satin nickel finish plastic casing
- With opal pmma diffusers

ADDITIONAL INFORMATION

- 6000k available to special order

WARRANTY

3 years

ACCESSORIES AND OPTIONS AVAILABLE

- Leading/Trailing edge dimmable as standard

IP RATING

IP40

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE Dia x H (mm)	LIGHT SOURCE	PRIMARY LUMEN OUTPUT
SUS25W/83	Suspended Halo satin chrome triac dimmable 3000k	25W	298 x 50	LED	1760lm
SUS25W/84	Suspended Halo satin chrome triac dimmable 4000k	25W	298 x 50	LED	1900lm

JUPITER ONE

CE · RoHS · SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR · 1-10V DIMMABLE · DALI DIMMABLE · PUSH DIMMABLE · TRIAC DIMMABLE

A range of suspended linear fittings made with quality materials, components and LED boards, the Jupiter One range is the solution to your requirement for efficient energy saving lighting whilst not needing to compromise on the suspended classic design aesthetic. Available in a range of sizes and diffusion options, they are suitable for use in all retail and commercial lighting installations with an emphasis on open plan offices, retail space and reception areas.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for office applications where a traditional look is required
- Manufactured with quality materials and reliable driver
- PF > 0.90
- UGR < 19 on Cat2 versions
- Zero maintenance

MATERIALS

- Complete with suspension kit as standard
- European branded control gear
- High quality aluminium alloy body with satin chrome finish
- Louvre retention via spring clip or pmma slide in diffuser for opal versions

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- 4000k-4200k supplied as standard, if 3000k-3200k or 6000k-6500k is needed please add /83 or /86 at end of product code
- Supplied with 2mtr suspension kit

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP20

Typical installation

PRODUCT CODE	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
TSF20C2	20W	1184 x 142 x 111	LED	Cat2	1500lm	> 70
TSF30C2	30W	1484 x 142 x 111	LED	Cat2	2200lm	> 70
TSF50C2	50W	1184 x 142 x 111	LED	Cat2	3650lm	> 70
TSF60C2	60W	1484 x 142 x 111	LED	Cat2	4300lm	> 70
TSF500P	50W	1184 x 142 x 130	LED	Opal pmma	4100lm	> 80
TSF600P	60W	1484 x 142 x 130	LED	Opal pmma	4850lm	> 80

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

19

Tegral
Quality Lighting

JUPITER TWO DIRECT/INDIRECT

CE RoHS SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE

A range of suspended linear fittings made with quality materials, components and LED boards with direct/indirect backlit light diffusion. The Jupiter Two range is the solution to your requirement for energy saving lighting whilst not needing to compromise on the efficiency and integrity of the space. They offer an elegant and modern design aesthetic suitable for use in all retail and commercial lighting installations with an emphasis on boardrooms, open plan areas, retail space, reception areas and halls.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Light output 70% down and 30% upwards
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Preflexed for ease of installation
- Zero maintenance

MATERIALS

- Complete with suspension kit as standard (2mtrs)
- European branded control gear
- High quality aluminium alloy body with white finish
- Manufactured with Samsung LED chips
- Opal polycarbonate diffuser

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available. (See dimmable options)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- 4000k-4200k supplied as standard, if 3000k-3200k or 6000-6500k is needed please add /83 or /86 at end of product code.

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable

WARRANTY

5 years

IP RATING

IP20

TSDID75

PRODUCT CODE	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN	LUMEN PER CIRCUIT WATT
TSDID75	71W	1515 x 245 x 65	LED	Opal	6530lm	> 90

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

JUPITER TWO DIRECT/INDIRECT LOW GLARE

CE RoHS SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE TRIAC DIMMABLE

A range of suspended linear low glare fittings made with quality materials with direct/indirect backit light diffusion. The Jupiter Two low glare option is an ideal solution for energy saving in an office environment whilst not needing to compromise on the efficiency and integrity of the space. They offer an elegant and modern design aesthetic suitable for use in all commercial lighting installations with an emphasis on boardrooms, call centres, open plan office and reception areas.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Light output 80% down and 20% upwards
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Preflexed for ease of installation
- Zero maintenance

MATERIALS

- Complete with suspension kit as standard (2mtrs)
- European branded control gear
- High quaity sheet steel body painted to RAL9003
- Pmma diffuser

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available (See dimmable options)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- 4000k-4200k supplied as standard. 3000k also available to special order
- Choice of RAL colours available

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP20

TSDIDLG60WH

PRODUCT CODE	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN	LUMEN PER CIRCUIT WATT
TSDIDLG50WH	50W	1300 x 200 x 31	LED	Microprismatic	4630lm	> 90
TSDIDLG60WH	60W	1600 x 200 x 31	LED	Microprismatic	6000lm	> 100

JUPITER INLINE

CE RoHS SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR ⏚ 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE TRIAC DIMMABLE

Suspended slimline contemporary aluminium profile designed to accommodate LED technology. They are suitable for general lighting in retail and commercial applications.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- L80B10 > 68,000hrs at 25 degrees
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Preflexed for ease of installation
- Zero maintenance

MATERIALS

- Complete with 2 mtr suspension kit as standard
- European branded control gear
- High quality extruded aluminium
- With opal polycarbonate diffusers on standard models and Microprismatic diffusers on MP versions for lower glare (UGR 21 to 23)
- Manufactured with Samsung LED

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available (See dimmable options)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.
- Wall bracket available for wall mounting, ref INBR (set of two).

ADDITIONAL INFORMATION

- 4000k-4200k supplied as standard, if 3000k-3200k or 6000-6500k is needed please add /83 or /86 at end of product code.
- Recessed versions now available
- Choice of RAL colours available
- Black, extruded finish and white colours stocked
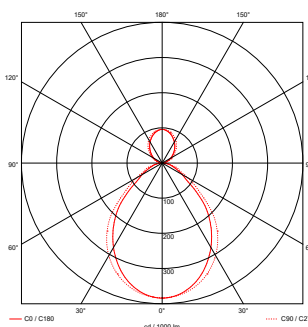
DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
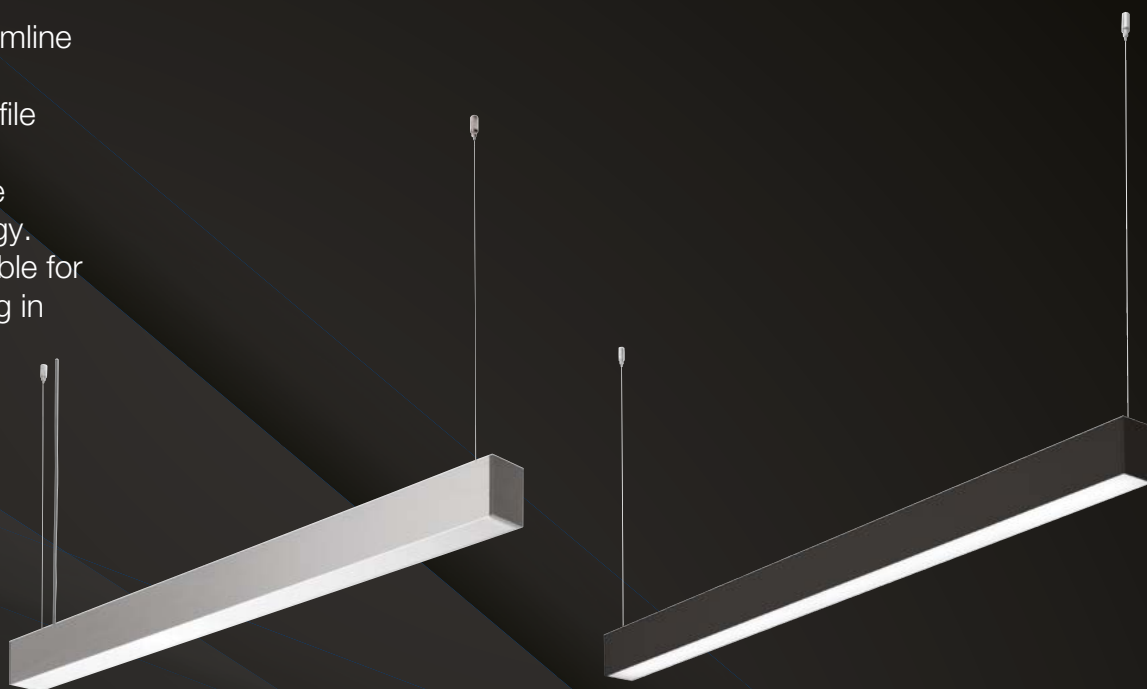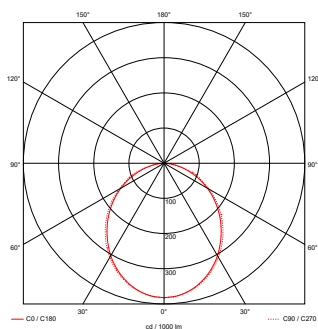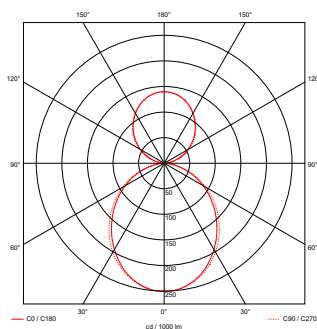- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP40

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
EXTRUDED FINISH							
IN60020S/84	Extruded profile, surface or suspended, grey extruded finish, 4000k	20W	576 x 67 x 90	SMD LED	Opal PC	1800lm	> 85
IN120020S/84	Extruded profile, surface or suspended, grey extruded finish, 4000k	20W	1176 x 67 x 90	SMD LED	Opal PC	1800lm	> 85
IN120040S/84	Extruded profile, surface or suspended, grey extruded finish, 4000k	40W	1176 x 67 x 90	SMD LED	Opal PC	3650lm	> 85
IN150060S/84	Extruded profile, surface or suspended, grey extruded finish, 4000k	50W	1476 x 67 x 90	SMD LED	Opal PC	4400lm	> 85
INL20S/84	L piece extruded aluminium finish 4000k	20W	350 x 300 x 67 x 90	SMD LED	Opal PC	1800lm	> 85
IN60020UD/84	Extruded profile, up/downlight, direct/indirect, grey extruded finish, 4000k	20W	576 x 67 x 90	SMD LED	Opal PC	1800lm	> 85
IN120020UD/84	Extruded profile, up/downlight, direct/indirect, grey extruded finish, 4000k	20W	1176 x 67 x 90	SMD LED	Opal PC	1950lm	> 90
IN120040UD/84	Extruded profile, up/downlight, direct/indirect, grey extruded finish, 4000k	40W	1176 x 67 x 90	SMD LED	Opal PC	3900lm	> 90
IN150060UD/84	Extruded profile, up/downlight, direct/indirect, grey extruded finish, 4000k	60W	1476 x 67 x 90	SMD LED	Opal PC	5400lm	> 90
INL20UD/84	L piece extruded aluminium finish up/downlight, direct/indirect, 4000k	20W	350 x 300 x 67 x 90	SMD LED	Opal PC	1800lm	> 85
BLACK FINISH							
IN60020SBK/84	Extruded profile, surface or suspended, black finish, 4000k	20W	576 x 67 x 90	SMD LED	Opal PC	1800lm	> 85
IN120020SBK/84	Extruded profile, surface or suspended, black finish, 4000k	20W	1176 x 67 x 90	SMD LED	Opal PC	1800lm	> 85
IN120040SBK/84	Extruded profile, surface or suspended, black finish, 4000k	40W	1176 x 67 x 90	SMD LED	Opal PC	3650lm	> 85
IN150060SBK/84	Extruded profile, surface or suspended, black finish, 4000k	50W	1476 x 67 x 90	SMD LED	Opal PC	4400lm	> 85
INL20SBK/84	L piece extruded aluminium, black finish 4000k	20W	350 x 300 x 67 x 90	SMD LED	Opal PC	1800lm	> 85
IN60020UDBK/84	Extruded profile, up/downlight, direct/indirect, black finish, 4000k	20W	576 x 67 x 90	SMD LED	Opal PC	1800lm	> 85
IN120020UDBK/84	Extruded profile, up/downlight, direct/indirect, black finish, 4000k	20W	1176 x 67 x 90	SMD LED	Opal PC	1950lm	> 90
IN120040UDBK/84	Extruded profile, up/downlight, direct/indirect, black finish, 4000k	40W	1176 x 67 x 90	SMD LED	Opal PC	3900lm	> 90
IN150060UDBK/84	Extruded profile, up/downlight, direct/indirect, black finish, 4000k	60W	1476 x 67 x 90	SMD LED	Opal PC	5400lm	> 90
INL20UDBK/84	L piece extruded aluminium black finish up/downlight, direct/indirect, 4000k	20W	350 x 300 x 67 x 90	SMD LED	Opal PC	1800lm	> 85

IN120040

IN120040UD

Wall mounted

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

23

Tegral
Quality Lighting

JUPITER INLINE

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
WHITE FINISH							
IN60020SWH/84	Extruded profile, surface or suspended, white finish, 4000k	20W	576 x 67 x 90	SMD LED	Opal PC	1800lm	> 85
IN120020SWH/84	Extruded profile, surface or suspended, white finish, 4000k	20W	1176 x 67 x 90	SMD LED	Opal PC	1800lm	> 85
IN120040SWH/84	Extruded profile, surface or suspended, white finish, 4000k	40W	1176 x 67 x 90	SMD LED	Opal PC	3650lm	> 85
IN150060SWH/84	Extruded profile, surface or suspended, white finish, 4000k	50W	1476 x 67 x 90	SMD LED	Opal PC	4400lm	> 85
INL20SWH/84	L piece extruded aluminium, white finish 4000k	20W	350 x 300 x 67 x 90	SMD LED	Opal PC	1800lm	> 85
IN60020UDWH/84	Extruded profile, up/downlight, direct/indirect, white finish, 4000k	20W	576 x 67 x 90	SMD LED	Opal PC	1800lm	> 85
IN120020UDWH/84	Extruded profile, up/downlight, direct/indirect, white finish, 4000k	20W	1176 x 67 x 90	SMD LED	Opal PC	1950lm	> 90
IN120040UDWH/84	Extruded profile, up/downlight, direct/indirect, white finish, 4000k	40W	1176 x 67 x 90	SMD LED	Opal PC	3900lm	> 90
IN150060UDWH/84	Extruded profile, up/downlight, direct/indirect, white finish, 4000k	60W	1476 x 67 x 90	SMD LED	Opal PC	5400lm	> 90
INL20UDWH/84	L piece extruded aluminium white finish up/downlight, direct/indirect, 4000k	20W	350 x 300 x 67 x 90	SMD LED	Opal PC	1800lm	> 85

MICROPRISMATIC VERSIONS

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
EXTRUDED FINISH							
IN60020SMP/84	Extruded profile, surface or suspended, grey extruded finish, 4000k	20W	576 x 67 x 90	SMD LED	Microprismatic	1800lm	> 85
IN120020SMP/84	Extruded profile, surface or suspended, grey extruded finish, 4000k	20W	1176 x 67 x 90	SMD LED	Microprismatic	1800lm	> 85
IN120040SMP/84	Extruded profile, surface or suspended, grey extruded finish, 4000k	40W	1176 x 67 x 90	SMD LED	Microprismatic	3650lm	> 85
IN150060SMP/84	Extruded profile, surface or suspended, grey extruded finish, 4000k	50W	1476 x 67 x 90	SMD LED	Microprismatic	4400lm	> 85
INL20SMP/84	L piece extruded aluminium finish 4000k	20W	350 x 300 x 67 x 90	SMD LED	Microprismatic	1800lm	> 85
IN60020UDMP/84	Extruded profile, up/downlight, direct/indirect, grey extruded finish, 4000k	20W	576 x 67 x 90	SMD LED	Microprismatic	1800lm	> 85
IN120020UDMP/84	Extruded profile, up/downlight, direct/indirect, grey extruded finish, 4000k	20W	1176 x 67 x 90	SMD LED	Microprismatic	1950lm	> 90
IN120040UDMP/84	Extruded profile, up/downlight, direct/indirect, grey extruded finish, 4000k	40W	1176 x 67 x 90	SMD LED	Microprismatic	3900lm	> 90
IN150060UDMP/84	Extruded profile, up/downlight, direct/indirect, grey extruded finish, 4000k	60W	1476 x 67 x 90	SMD LED	Microprismatic	5400lm	> 90
INL20UDMP/84	L piece extruded aluminium finish up/downlight, direct/indirect, 4000k	20W	350 x 300 x 67 x 90	SMD LED	Microprismatic	1800lm	> 85

JUPITER INLINE

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
BLACK FINISH							
IN60020SMPBK/84	Extruded profile, surface or suspended, black finish, 4000k	20W	576 x 67 x 90	SMD LED	Microprismatic	1800lm	> 85
IN120020SMPBK/84	Extruded profile, surface or suspended, black finish, 4000k	20W	1176 x 67 x 90	SMD LED	Microprismatic	1800lm	> 85
IN120040SMPBK/84	Extruded profile, surface or suspended, black finish, 4000k	40W	1176 x 67 x 90	SMD LED	Microprismatic	3650lm	> 85
IN150060SMPBK/84	Extruded profile, surface or suspended, black finish, 4000k	50W	1476 x 67 x 90	SMD LED	Microprismatic	4400lm	> 85
INL20SMPBK/84	L piece extruded aluminium, black finish 4000k	20W	350 x 300 x 67 x 90	SMD LED	Microprismatic	1800lm	> 85
IN60020UDMPBK/84	Extruded profile, up/downlight , direct/indirect, black finish, 4000k	20W	576 x 67 x 90	SMD LED	Microprismatic	1800lm	> 85
IN120020UDMP-BK/84	Extruded profile, up/downlight , direct/indirect, black finish, 4000k	20W	1176 x 67 x 90	SMD LED	Microprismatic	1950lm	> 90
IN120040UDMP-BK/84	Extruded profile, up/downlight , direct/indirect, black finish, 4000k	40W	1176 x 67 x 90	SMD LED	Microprismatic	3900lm	> 90
IN150060UDMP-BK/84	Extruded profile, up/downlight , direct/indirect, black finish, 4000k	60W	1476 x 67 x 90	SMD LED	Microprismatic	5400lm	> 90
INL20UDMPBK/84	L piece extruded aluminium black finish up/downlight, direct/indirect, 4000k	20W	350 x 300 x 67 x 90	SMD LED	Microprismatic	1800lm	> 85
WHITE FINISH							
IN60020SMPWH/84	Extruded profile, surface or suspended , white finish, 4000k	20W	576 x 67 x 90	SMD LED	Microprismatic	1800lm	> 85
IN120020SMP-WH/84	Extruded profile, surface or suspended , white finish, 4000k	20W	1176 x 67 x 90	SMD LED	Microprismatic	1800lm	> 85
IN120040SMP-WH/84	Extruded profile, surface or suspended , white finish, 4000k	40W	1176 x 67 x 90	SMD LED	Microprismatic	3650lm	> 85
IN150060SMP-WH/84	Extruded profile, surface or suspended , white finish, 4000k	50W	1476 x 67 x 90	SMD LED	Microprismatic	4400lm	> 85
INL20SMPWH/84	L piece extruded aluminium, white finish 4000k	20W	350 x 300 x 67 x 90	SMD LED	Microprismatic	1800lm	> 85
IN60020UDMP-WH/84	Extruded profile, up/downlight , direct/indirect, white finish, 4000k	20W	576 x 67 x 90	SMD LED	Microprismatic	1800lm	> 85
IN120020UDMP-WH/84	Extruded profile, up/downlight , direct/indirect, white finish, 4000k	20W	1176 x 67 x 90	SMD LED	Microprismatic	1950lm	> 90
IN120040UDMP-WH/84	Extruded profile, up/downlight , direct/indirect, white finish, 4000k	40W	1176 x 67 x 90	SMD LED	Microprismatic	3900lm	> 90
IN150060UDMP-WH/84	Extruded profile, up/downlight , direct/indirect, white finish, 4000k	60W	1476 x 67 x 90	SMD LED	Microprismatic	5400lm	> 90
INL20UDMPWH/84	L piece extruded aluminium white finish up/downlight, direct/indirect, 4000k	20W	350 x 300 x 67 x 90	SMD LED	Microprismatic	1800lm	> 85

ACCESSORIES

INJNR	Joining kit for UD models
INJNR/S	Joining kit for dual surface/suspended models
IN/BR	Wall mounting bracket (set of 2)
INDIFF/20MTR	Roll of 20mtrs Opal diffuser for continuous run

INJNR

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

25

Tegral
Quality Lighting

JUPITER RACK LIGHT

CE | RoHS | SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR | 1-10V DIMMABLE | DALI DIMMABLE | PUSH DIMMABLE | TRIAC DIMMABLE

A range of surface/suspended highly reflective rack light designed with quality materials and components for use with T8 LED lamps or LED boards. The Jupiter Rack Light range is the solution to your requirement for energy saving lighting whilst not needing to compromise on the efficiency and integrity of the space. They are suitable for use in all retail and commercial lighting installations with an emphasis on large retail spaces and warehousing aisles.

MATERIALS

- European branded control gear for led board versions
- High quality steel body with high output aluminium reflector
- White finish as standard

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available on rack lights with LED light source only (not LED lamps).
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.
- Larger versions available, (3 or 4 lamp or module) upon request.
- Suspension kits available. Order ref RL/SUSKIT.
- Wired for LED lamp options can be wired to customer specification on request.

ADDITIONAL INFORMATION

- 4000k-4200k supplied as standard, if 3000k-3200k or 6000-6500k is needed please add /83 or /86 at end of product code.
- Fluorescent versions of this product are available (See Jupiter Direct/Indirect range)
- Lamps supplied are > RA80 and PF 0.90

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 year driver warranty. 2 year lamp warranty where supplied with lamps.

IP RATING

IP20

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

PRODUCT CODE	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
JRL225	2 x 25W	1478 x 284 x 52	T8 LED lamp	4600lm	> 80
JRL225/B	-	1478 x 284 x 52	Wired for single ended LED lamps	-	-
JRL240	2 x 40W	1478 x 284 x 52	LED	8000lm	> 90

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

27

Tegral
Quality Lighting

MARS ONE

CE RoHS ⏚

A range of LED surface batten luminaires designed to accommodate T8 LED lamps. They are suitable for general lighting in retail and commercial applications.

MATERIALS

- High quality sheet steel powder coated housing
- LED lamps are glass coated in plastic

ACCESSORIES AVAILABLE

- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- Full range of accessories available, please see page 29
- Lamps provided are non dimmable versions and have 330 degree light output
- Lumen outputs will vary according to lamp colour temp.
- Supplied with lamps, but /B models are less lamps

WARRANTY

2 year lamp warranty

IP RATING

IP20

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	PRIMARY LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
BAT2SLED	2ft single batten with LED lamp	1 x 9W	640 x 48 x 40	T8 LED Lamp	800lm	> 85
BAT2SLED/S	2ft single batten wired for single ended LED lamp	-	640 x 48 x 40	T8 LED Lamp	-	-
BAT2TLED	2ft twin batten with LED lamps	2 x 9W	640 x 48 x 40	T8 LED Lamp	1600lm	> 85
BAT2TLED/B	2ft twin batten wired for single ended LED lamps	-	640 x 48 x 40	T8 LED Lamp	-	-
BAT4SLED	4ft single batten with LED lamp	1 x 18W	1240 x 48 x 40	T8 LED Lamp	1800lm	> 85
BAT4SLED/B	4ft single batten wired for single ended LED lamp	-	1240 x 48 x 40	T8 LED Lamp	-	-
BAT4TLED	4ft twin batten with LED lamps	2 x 18W	1240 x 48 x 40	T8 LED Lamp	3600lm	> 85
BAT4TLED/B	4ft twin batten wired for single ended LED lamps	-	1240 x 48 x 40	T8 LED Lamp	-	-
BAT5SLED	5ft single batten with LED lamp	1 x 24W	1540 x 48 x 40	T8 LED Lamp	2300lm	> 85
BAT5SLED/B	5ft single batten wired for single ended LED lamp	-	1540 x 48 x 40	T8 LED Lamp	-	-
BAT5TLED	5ft twin batten with LED lamps	2 x 24W	1540 x 48 x 40	T8 LED Lamp	4600lm	> 85
BAT5TLED/B	5ft twin batten wired for single ended LED lamps	-	1540 x 48 x 40	T8 LED Lamp	-	-
BAT6SLED	6ft single batten with LED lamp	1 x 28W	1840 x 48 x 40	T8 LED Lamp	2600lm	> 85
BAT6SLED/B	6ft single batten wired for single ended LED lamp	-	1840 x 48 x 40	T8 LED Lamp	-	-
BAT6TLED	6ft twin batten with LED lamps	2 x 28W	1840 x 48 x 40	T8 LED Lamp	5200lm	> 85
BAT6TLED/B	6ft twin batten wired for single ended LED lamps	-	1840 x 48 x 40	T8 LED Lamp	-	-

ACCESSORIES	DESCRIPTION	SIZE L x W x H (mm)
DIF4SOP	Opal diffuser for 4ft single batten	1240 x 60 x 60
DIF4SPR	Prismatic diffuser for 4ft single batten	1240 x 60 x 60
DIF4TOP	Opal diffuser for 4ft twin batten	1240 x 115 x 60
DIF4TPR	Prismatic diffuser for 4ft twin batten	1240 x 115 x 60
DIF5SOP	Opal diffuser for 5ft single batten	1540 x 60 x 60
DIF5SPR	Prismatic diffuser for 5ft single batten	1540 x 60 x 60
DIF5TOP	Opal diffuser for 5ft twin batten	1540 x 115 x 60
DIF5TPR	Prismatic diffuser for 5ft twin batten	1540 x 115 x 60
DIF6SPR	Prismatic diffuser for 6ft single batten	1840 x 60 x 60
DIF6TPR	Prismatic diffuser for 6ft twin batten	1840 x 115 x 60
TARF58	Polished aluminium reflector for 5ft battens	-
TRF58	White powder coated reflector for 5ft battens	-
TARF70	Polished aluminium reflector for 6ft battens	-
TRF70	White powder coated reflector for 6ft battens	-

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

29

Tegral
Quality Lighting

MARS TWO

A range of highly
efficient battens
with integrated LED
boards and branded
control gear for an
ultimately reliable
solution in commercial
and domestic
situations.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for general lighting and retail applications
- Manufactured with quality materials and reliable European brand driver
- PF > 0.90
- Zero maintenance

MATERIALS

- European branded control gear
- High quality LED chip
- High quality sheet steel housing
- Polycarbonate cover

ACCESSORIES AVAILABLE

- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- 4000k supplied as standard. For colour 3000k and 6000k please add /83 or /86 after product code

DIMMABLE OPTIONS

- /D for 1-10v dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP20

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
BAT220/84	2ft batten with led strip and opal cover 4000k	20W	567 x 62 x 72	SMD LED	2050lm	> 100
BAT420/84	4ft batten with led strip and opal cover 4000k	20W	1167 x 62 x 72	SMD LED	2100lm	> 100
BAT430/84	4ft batten with led strip and opal cover 4000k	30W	1167 x 62 x 72	SMD LED	3300lm	> 100
BAT445/84	4ft batten with led strip and opal cover 4000k	45W	1167 x 62 x 72	SMD LED	4950lm	> 100
BAT530/84	5ft batten with led strip and opal cover 4000k	30W	1467 x 62 x 72	SMD LED	3300lm	> 100
BAT545/84	5ft batten with led strip and opal cover 4000k	45W	1467 x 62 x72	SMD LED	4950lm	> 100
BAT560/84	5ft batten with led strip and opal cover 4000k	60W	1467 x 62 x 72	SMD LED	6600lm	> 100
BAT560BK/84	5ft batten black, with led strip and opal cover 4000k	60W	1467 x 62 x 72	SMD LED	6600lm	> 100
BAT560MC	5ft batten with led strip and opal cover 3CCT	60W	1467 x 62 x 72	SMD LED	5900/6000/6100lm	> 100
BAT645/84	6ft batten with led strip and opal cover 4000k	45W	1732 x 62 x 72	SMD LED	5000lm	> 100
BAT665/84	6ft batten with led strip and opal cover 4000k	65W	1732 x 62 x 72	SMD LED	7150lm	> 100

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Tegral
Quality Lighting

31

MARS THREE

CE RoHS SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE TRIAC DIMMABLE

Multipurpose LED light bars for use in various types of fittings where energy saving is required. They can be retrofit into current fittings that have a suitable geartray for fixing screws such as Anti-Corrosive battens, school/college type fittings, signage, counter lighting, pelmet lighting and various other commercial applications.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for pelmet lighting or for retrofitting existing luminaires
- Manufactured with quality materials and reliable European brand driver
- PF > 0.90
- Zero maintenance

MATERIALS

- European branded control gear
- High quality aluminium housing and PC diffuser
- Manufactured with high quality SMD LED

ACCESSORIES AVAILABLE

- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- Available in 3000k, 4000k and 6000k
- Supplied with stainless steel clips for easy and quick installation

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
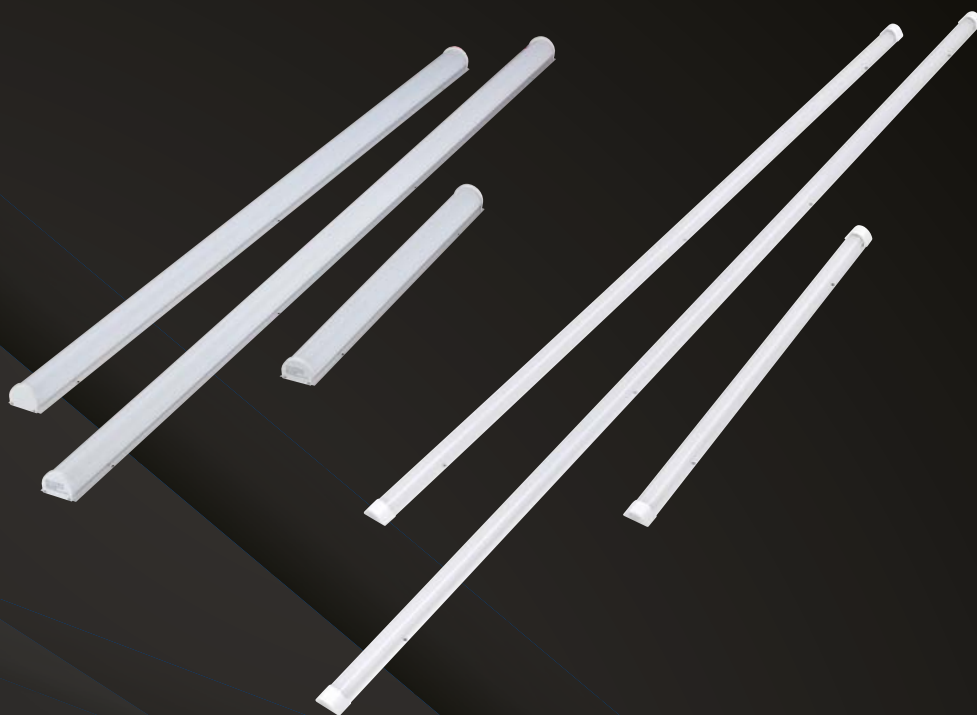- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP20

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE L (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
LB60010/83	10W LED Lightbar less driver 3000k	10W	553	LED	1000lm	> 95
LB60010/84	10W LED Lightbar less driver 4000k	10W	553	LED	1079lm	> 95
LB60010/86	10W LED Lightbar less driver 6500k	10W	553	LED	1011lm	> 95
LB60020/83	20W LED Lightbar less driver 3000k	20W	553	LED	2000lm	> 95
LB60020/84	20W LED Lightbar less driver 4000k	20W	553	LED	2016lm	> 95
LB60020/86	20W LED Lightbar less driver 6500k	20W	553	LED	1958lm	> 95
LB120020/83	20W LED Lightbar less driver 3000k	20W	1153	LED	1980lm	> 95
LB120020/84	20W LED Lightbar less driver 4000k	20W	1153	LED	2134lm	> 95
LB120020/86	20W LED Lightbar less driver 6500k	20W	1153	LED	2098lm	> 95
LB120050/83	50W LED Lightbar less driver 3000k	50W	1153	LED	4600lm	> 95
LB120050/84	50W LED Lightbar less driver 4000k	50W	1153	LED	4661lm	> 95
LB120050/86	50W LED Lightbar less driver 6500k	50W	1153	LED	4577lm	> 95
LB150030/83	30W LED Lightbar less driver 3000k	30W	1453	LED	2850lm	> 95
LB150030/84	30W LED Lightbar less driver 4000k	30W	1453	LED	2938lm	> 95
LB150030/86	30W LED Lightbar less driver 6500k	30W	1453	LED	2859lm	> 95
LB150060/83	60W LED Lightbar less driver 3000k	60W	1453	LED	5700lm	> 95
LB150060/84	60W LED Lightbar less driver 4000k	60W	1453	LED	5355lm	> 95
LB150060/86	60W LED Lightbar less driver 6500k	60W	1453	LED	5519lm	> 95

SLIM VERSIONS

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE L (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
SLB60015/83	15W LED Lightbar less drver 3000k	15W	553	LED	1400lm	> 90
SLB60015/84	15W LED Lightbar less driver 4000k	15W	553	LED	1410lm	> 90
SLB60015/86	15W LED Lightbar less drver 6000k	15W	553	LED	1410lm	> 90
SLB120030/83	30W LED Lightbar less drver 3000k	30W	1153	LED	2700lm	> 90
SLB120030/84	30W LED Lightbar less driver 4000k	30W	1153	LED	2750lm	> 90
SLB120030/86	30W LED Lightbar less drver 6000k	30W	1153	LED	2750lm	> 90
SLB150040/83	40W LED Lightbar less drver 3000k	40W	1453	LED	3600lm	> 90
SLB150040/84	40W LED Lightbar less driver 4000k	40W	1453	LED	3650lm	> 90
SLB150040/86	40W LED Lightbar less drver 6000k	40W	1453	LED	3650lm	> 90
SLB180050/84	50W LED lightbar less driver 4000k	50W	1753	LED	4600lm	> 90

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

33

Tegral
Quality Lighting

PLUTO ONE

CE RoHS ⏚ NITE LITE 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE NITE LITE TRIAC DIMMABLE

A range of surface mounted linear fittings designed with quality materials & components and supplied with or wired for T8 LED lamps. These high efficiency luminaires are available in a range of sizes and polycarbonate diffusion options, making them the perfect solution for energy saving lighting whilst not needing to compromise on the efficiency and integrity of the space. They are suitable for all retail and commercial lighting installations with an emphasis on carehomes, classrooms, corridors, hospitals or office space.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for pelmet lighting or for retrofitting existing luminaires
- Manufactured with quality materials and reliable European brand driver
- PF > 0.90
- Screwed endcaps for extra security
- Zero maintenance

MATERIALS

- Available with opal or prismatic polycarbonate diffuser
- High quality steel body with screw type end caps

ACCESSORIES AND OPTIONS AVAILABLE

- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.
- Wired for LED lamp options can be wired to customer specification on request

ADDITIONAL INFORMATION

- 4000k-4200k supplied as standard, if 3000k-3200k or 6000k-6500k is needed please add /83 or /86 at end of product code
- Lamps supplied are > RA80 and PF 0.90

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

2 year lamp warranty

IP RATING

IP44

PRODUCT CODE	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	COVER TYPE	PRIMARY LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
TS118PPR	1 x 18W	1255 x 208 x 70	T8 LED lamp	Prismatic	1800lm	> 70
TS218PPR	2 x 18W	1255 x 208 x 70	T8 LED lamp	Prismatic	3600lm	> 70
TS125PPR	1 x 24W	1560 x 208 x 70	T8 LED lamp	Prismatic	2300lm	> 70
TS225PPR	2 x 24W	1560 x 208 x 70	T8 LED lamp	Prismatic	4600lm	> 70
TS118POP	1 x 18W	1255 x 208 x 70	T8 LED lamp	Opal	1800lm	> 60
TS218POP	2 x 18W	1255 x 208 x 70	T8 LED lamp	Opal	3600lm	> 60
TS125POP	1 x 24W	1560 x 208 x 70	T8 LED lamp	Opal	2300lm	> 60
TS225POP	2 x 24W	1560 x 208 x 70	T8 LED lamp	Opal	4600lm	> 60
TS118PPR/B	-	1255 x 208 x 70	Wired for single ended LED lamps	Prismatic	-	-
TS218PPR/B	-	1255 x 208 x 70	Wired for single ended LED lamps	Prismatic	-	-
TS125PPR/B	-	1560 x 208 x 70	Wired for single ended LED lamps	Prismatic	-	-
TS225PPR/B	-	1560 x 208 x 70	Wired for single ended LED lamps	Prismatic	-	-
TS118POP/B	-	1255 x 208 x 70	Wired for single ended LED lamps	Opal	-	-
TS218POP/B	-	1255 x 208 x 70	Wired for single ended LED lamps	Opal	-	-
TS125POP/B	-	1560 x 208 x 70	Wired for single ended LED lamps	Opal	-	-
TS225POP/B	-	1560 x 208 x 70	Wired for single ended LED lamps	Opal	-	-

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

35

Tegral
Quality Lighting

PLUTO TWO

CE RoHS SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE NITE LITE TRIAC DIMMABLE

A range of surface mounted linear fixtures designed with quality materials and components. These high efficiency luminaires are available in a range of sizes making them the perfect solution for energy saving lighting while keeping the integrity of the space. They are suitable for all retail and commercial applications with an emphasis on carehomes, classrooms, colleges, corridors, hospitals or office space.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for general lighting in colleges, corridors, hospitals, leisure and schools
- Made with heavy duty polycarbonate diffuser and endcaps
- Manufactured with quality materials and reliable European brand driver
- PF > 0.90
- Screwed endcaps for extra security
- Zero maintenance

ADDITIONAL INFORMATION

- 4000k-4200k supplied as standard, if 3000k-3200k or 6000k-6500k is needed please add /83 or /86 at end of product code

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

MATERIALS

- Opal polycarbonate diffuser
- European branded control gear
- High quality steel body with screw type end caps

WARRANTY

5 years

IP RATING

IP44

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.
- Available with inbuilt microwave sensor and corridor function

TS60LEDPOP

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Typical installation

PRODUCT CODE	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
TS230LEDPOP	27W	647 x 207 x 70	SMD LED	Opal PC	3200lm	> 115
TS20LEDPOP	19W	1247 x 207 x 70	SMD LED	Opal PC	2070lm	> 105
TS30LEDPOP	28W	1547 x 207 x 70	SMD LED	Opal PC	3050lm	> 105
TS40LEDPOP	38W	1247 x 207 x 70	SMD LED	Opal PC	4130lm	> 105
TS40LEDPOPMC	38W	1247 x 207 x 70	SMD LED	Opal PC	4020/4100/4050lm	> 105
TS60LEDPOP	53W	1547 x 207 x 70	SMD LED	Opal PC	6185lm	> 115
TS60LEDPOPMC	53W	1547 x 207 x 70	SMD LED	Opal PC	5750/5900/5850lm	> 105

HIGH LUMEN MODELS

PRODUCT CODE	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
TS40LEDPOPHL/27	27W	1247 x 207 x 70	SMD LED	Opal PC	3700lm	> 135
TS40LEDPOPHL/32	32W	1247 x 207 x 70	SMD LED	Opal PC	4350lm	> 135
TS40LEDPOPHL	37W	1247 x 207 x 70	SMD LED	Opal PC	5080lm	> 135
TS60LEDPOPHL/23	23W	1547 x 207 x 70	SMD LED	Opal PC	3050lm	> 130
TS60LEDPOPHL/36	36W	1547 x 207 x 70	SMD LED	Opal PC	4810lm	> 130
TS60LEDPOPHL/40	40W	1547 x 207 x 70	SMD LED	Opal PC	5350lm	> 130
TS60LEDPOPHL	47W	1547 x 207 x 70	SMD LED	Opal PC	6290lm	> 130

Tegral Quality Lighting

PLUTO THREE

CE · RoHS · SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR · 1-10V DIMMABLE · DALI DIMMABLE · PUSH DIMMABLE · TRIAC DIMMABLE

A range of surface mounted linear fittings made with quality materials and components designed to accommodate T8 LED lamps or LED boards, the Pluto Three range is the solution to your requirement for effective energy saving lighting whilst not needing to compromise on the classic Cat2 design.

They are suitable for use in all retail and commercial lighting installations with an emphasis on call centres, open plan offices, reception areas and back offices.

KEY FEATURES

- 50,000hr life expectancy on led board versions.
- CRI > 80
- Ideal for office applications where a traditional look is required
- Manufactured with quality materials and reliable driver
- PF > 0.90
- UGR < 19
- Zero maintenance

MATERIALS

- High quality steel body
- European branded driver on non lamp versions
- Louvre retention via spring clip

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available. (See dimmable options.)
- Dimmable versions available for non lamp versions, please see dimmable options
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.
- Wired for LED lamp options can be wired to customer specification on request

ADDITIONAL INFORMATION

- Lamps supplied are > RA80 and PF 0.90
- 4000k-4200k supplied as standard, if 3000k-3200k or 6000k-6500k is needed please add /83 or /86 at end of product code

WARRANTY

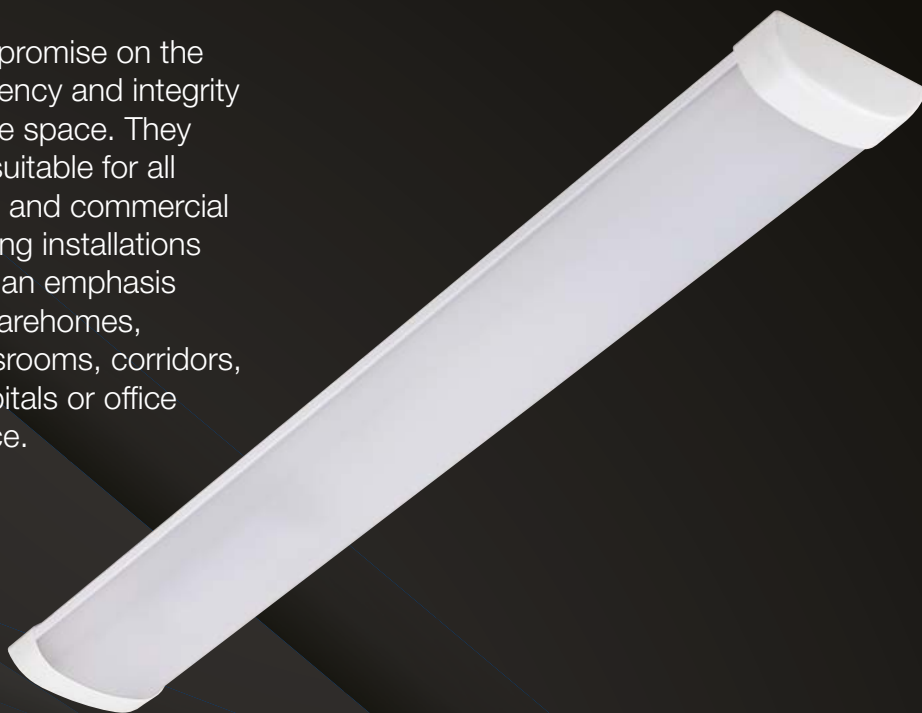2 years on lamps and 5 years on led board versions

IP RATING

IP20

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Typical installation

PRODUCT CODE	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	COVER TYPE	PRIMARY LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
TS225C2	2 x 24W	1533 x 211 x 71	T8 LED lamp	Cat2	4600lm	> 70
TS225C2/B	-	1533 x 211 x 71	Wired for single ended LED lamps	Cat2	-	-
TS30C2	30W	1533 x 211 x 71	LED	Cat2	2550lm	> 80
TS60C2	60W	1533 x 211 x 71	LED	Cat2	5100lm	> 80

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

39

Tegral Quality Lighting

PLUTO 54

CE RoHS NITE LITE | 1-10V DIMMABLE | DALI DIMMABLE | PUSH DIMMABLE | TRIAC DIMMABLE

A range of IP54 surface mounted linear fittings designed with quality materials & components and supplied with or wired for T8 LED lamps. These high efficiency luminaires are available in a range of sizes and polycarbonate diffusion options, making them the perfect solution for energy saving lighting whilst not needing to compromise on the efficiency and integrity of the space. They are suitable for all retail and commercial lighting installations with an emphasis on carehomes, classrooms, corridors, hospitals or office space.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for pelmet lighting or for retrofitting existing luminaires
- Manufactured with quality materials and reliable European brand driver
- PF > 0.90
- Zero maintenance

MATERIALS

- Available with opal or prismatic polycarbonate diffuser
- High quality steel body with screw type end caps

ACCESSORIES AND OPTIONS AVAILABLE

- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.
- Wired for LED lamp options can be wired to customer specification on request

ADDITIONAL INFORMATION

- 4000k-4200k supplied as standard, if 3000k-3200k or 6000k-6500k is needed please add /83 or /86 at end of product code
- Lamps supplied are > RA80 and PF 0.90

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

2 year lamp warranty

IP RATING

IP54

PRODUCT CODE	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	COVER TYPE	PRIMARY LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
TS118OP/IP54	1 x 18W	1283 x 165 x 58	T8 LED lamp	Opal	1800lm	> 70
TS218OP/IP54	2 x 18W	1283 x 165 x 58	T8 LED lamp	Opal	3600lm	> 70
TS125OP/IP54	1 x 24W	1593 x 165 x 58	T8 LED lamp	Opal	2300lm	> 70
TS225OP/IP54	2 x 24W	1593 x 165 x 58	T8 LED lamp	Opal	4600lm	> 70
TS118OP/IP54/B	-	1283 x 165 x 58	Wired for single ended LED lamps	Opal	-	-
TS218OP/IP54/B	-	1283 x 165 x 58	Wired for single ended LED lamps	Opal	-	-
TS125OP/IP54/B	-	1593 x 165 x 58	Wired for single ended LED lamps	Opal	-	-
TS225OP/IP54/B	-	1593 x 165 x 58	Wired for single ended LED lamps	Opal	-	-

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

41

PLUTO 54 V2

CE RoHS SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE NITE LITE

A range of IP54 surface mounted linear fittings designed with quality materials, components and LED boards. These high efficiency luminaires are available in a range of outputs and sizes making them the perfect solution for energy saving lighting whilst not compromising on the efficiency and integrity of the space. They are suitable for all retail and commercial lighting installations with an emphasis on carehomes, classrooms, corridors, hospitals or office space.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for general lighting in colleges, corridors, hospitals, leisure and schools
- Made with heavy duty polycarbonate diffuser and endcaps
- Manufactured with quality materials and reliable European brand driver
- PF > 0.90
- Screwed endcaps for extra security
- Zero maintenance

MATERIALS

- European branded control gear
- High quality steel body with screw type end caps
- Supplied with Opal polycarbonate diffuser

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Please add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- 4000k-4200k supplied as standard, if 3000k-3200k or 6000-6500k is needed please add /83 or /86 at end of product code.
- Benefit of conduit entry via endcaps

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable

WARRANTY

5 years

IP RATING

IP54

PRODUCT CODE	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
TS36LEDOP/IP54V2	36W	1212 x 173 x 54	SMD LED	Opal PC	4900lm	> 125
TS45LEDOP/IP54V2	45W	1512 x 173 x 54	SMD LED	Opal PC	6300lm	> 125
TS67LEDOP/IP54V2	67W	1515 x 173 x 54	SMD LED	Opal PC	8600lm	> 125

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

43

COMMERCIAL RECESSED

EARTH ONE

RoHS | SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR | 1-10V DIMMABLE | DALI DIMMABLE | PUSH DIMMABLE | TRIAC DIMMABLE

A range of highly efficient LED panels. These are ideal replacements for many forms of traditional fluorescent recessed or surface fixtures.

KEY FEATURES

- 50,000 hr LED life expectancy
- Beam Angle 120 degrees
- CRI > 80
- Ideal for use in corridors, hospitals, meeting rooms, reception areas, retail environments, schools
- Manufactured with quality materials and European brand driver
- PF > 0.90
- Suitable for standard 15mm or 24mm ceiling grids
- Zero maintenance

MATERIALS

- European brand driver
- Extruded aluminium white frame
- Opal pmma diffuser as standard
- Opal TP(A) diffuser upon request
- Supplied with remote prewired driver

ACCESSORIES AND OPTIONS AVAILABLE

- Can be supplied with inbuilt microwave sensor or corridor function if used in plasterboard or suspended ceilings
- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.
- Plasterboard clips available for recessing into plasterboard ceilings. (Model LEDP/PBC for pack of 4, extra needed for sizes bigger than 595 x 595)
- Plasterboard recessed frames available for recessing into plasterboard ceilings
- Surface frames available for mounting surface
- Suspension kits available

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP40 IP40 from below

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN	LUMEN PER CIRCUIT WATT
LEDP30/84	Recessed panel white frame 4000k	27W	595 x 595 x 11	LED	Opal Pmma	2900lm	> 100
LEDP30MC	Recessed panel white frame 3CCT	27W	595 x 595 x 11	LED	Opal Pmma	2800/2900/2870	> 100
LEDP36/84	Recessed panel white frame 4000k	36W	595 x 595 x 11	LED	Opal Pmma	3740lm	> 100
LEDP36MC	Recessed panel white frame 3CCT	36W	595 x 595 x 11	LED	Opal Pmma	3650/3740/3710	> 100
LEDP362/83	Recessed panel white frame 3000k	36W	1195 x295 x 11	LED	Opal Pmma	2900lm	> 80
LEDP362/84	Recessed panel white frame 4000k	36W	1195 x 295 x 11	LED	Opal Pmma	3740lm	> 100
LEDP362MC	Recessed panel white frame 3CCT	36W	1195 x 295 x 11	LED	Opal Pmma	3650/3740/3710	> 100
LEDP70/84	Recessed panel white frame 4000k	60W	1195 x 595 x 11	LED	Opal Pmma	5800lm	> 90
LEDP70/86	Recessed panel white frame 6000k	60W	1195 x 595 x 11	LED	Opal Pmma	5800lm	> 90
LEDP482/84	Recessed panel white frame 4000k	44W	1195 x 295 x 11	LED	Opal Pmma	4450lm	> 100
LEDP482/86	Recessed panel white frame 6000k	44W	1195 x 295 x 11	LED	Opal Pmma	4450lm	> 100
LEDP483/84	Recessed panel white frame 4000k	44W	1195 x 145 x 11	LED	Opal Pmma	4450lm	> 100
LEDP60/84	Recessed panel white frame 4000k	60W	1495 x 295 x 11	LED	Opal Pmma	5700lm	> 90

ACCESSORIES

PSF600/600	Surface frame kit for 595 x 595mm panels
PSF1200/300	Surface frame kit for 1195 x 295mm panels
PSF1200/600	Surface frame kit for 1200 x 600mm panels
PSF1500/300	Surface frame kit for 1495 x 295mm panels
PSF1200/150	Surface frame kit for 1195 x 145mm panels
LEDP36RF	Plasterboard ceiling frame for 595 x 595mm panels
LEDP362RF	Plasterboard ceiling frame for 1195 x 295mm panels
LEDP70RF	Plasterboard ceiling frame for 1195 x 595mm panels
LEDP/SUSKIT	Suspension kit for LED panels
LEDP/PBC	Plasterboard clips (pack of 4) for LED panels
LEDP/SBK	Surface bracket for LED panels (pack of 4)

Surface mounting kit

Recessed frame kit model LEDP36RF

Plasterboard clips

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

47

Tegral
Quality Lighting

EARTH ONE LOW UGR

RoHS | SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR | 1-10V DIMMABLE | DALI DIMMABLE | PUSH DIMMABLE | TRIAC DIMMABLE

A range of high lumen recessed Anti-Glare LED luminaires designed with quality materials & components. These highly efficient luminaires are the perfect solution for modernisation to energy saving where the aesthetics are vital without the need to compromise on results. They are suitable for use in all commercial installations with an emphasis on the open plan offices, schools, call centres & back office areas where anti-glare is required for workstations.

UGR <19

KEY FEATURES

- 50,000 hr LED life expectancy
- Beam Angle 120 degrees
- CRI > 80
- Ideal for use in corridors, hospitals, meeting rooms, reception areas, schools
- Manufactured with quality materials and European brand driver
- PF > 0.90
- Suitable for standard 15mm or 24mm ceiling grids
- Supplied with Flicker Free driver
- UGR < 19 for increased comfort
- Zero maintenance

MATERIALS

- European brand driver
- Extruded aluminium white frame
- Prismatic pmma diffuser as standard
- Supplied with remote pre-wired driver

ACCESSORIES AND OPTIONS AVAILABLE

- Can be supplied with inbuilt microwave sensor or corridor function if used in plasterboard or suspended ceilings
- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.
- Plasterboard clips available for recessing into plasterboard ceilings. (Model LEDP/PBC for pack of 4, extra needed for sizes bigger than 595 x 595)
- Plasterboard recessed frames available for recessing into plasterboard ceilings
- Surface frames available for mounting surface
- Suspension kits available

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP40 IP40 from below

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Typical installation

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN	LUMEN PER CIRCUIT WATT
HLP25LG/84	Recessed low glare panel	23W	595 x 595 x 11	LED	Microprismatic	3050lm	> 130
HLP40LG/84	Recessed low glare panel	38W	595 x 595 x 11	LED	Microprismatic	4740lm	> 125
HLP252LG/84	Recessed low glare panel	23W	1195 x 295 x 11	LED	Microprismatic	3300lm	> 130
HLP402LG/84	Recessed low glare panel	38W	1195 x 295 x 11	LED	Microprismatic	5080lm	> 130
HLP60LG/84	Recessed low glare panel	60W	1195 x 595 x 11	LED	Microprismatic	7500lm	> 125

ACCESSORIES

PSF600/600	Surface frame kit for 595 x 595mm panels
PSF1200/300	Surface frame kit for 1195 x 295mm panels
PSF1200/600	Surface frame kit for 1200 x 600mm panels
LEDP36RF	Plasterboard ceiling frame for 595 x 595mm panels
LEDP362RF	Plasterboard ceiling frame for 1195 x 295mm panels
LEDP70RF	Plasterboard ceiling frame for 1195 x 595mm panels
LEDP/SUSKIT	Suspension kit for LED panels
LEDP/PBC	Plasterboard clips (pack of 4) for LED panels
LEDP/SBK	Surface bracket for LED panels (pack of 4)

RoHS

EUROPEAN
BRANDED

1-10V
DIMMABLE

DALI
DIMMABLE

PUSH
DIMMABLE

TRIAC
DIMMABLE

EARTH
ONE

A range of highly efficient LED panels. These are ideal replacements for many forms of traditional fluorescent recessed or surface fixtures. (See page 46 for more details)

Tegral
Quality Lighting

www.tegral-lighting.com

EARTH TWO

A range of highly efficient backlit LED panels. These are ideal replacements for many forms of traditional fluorescent recessed or surface fixtures.

MATERIALS

- European brand driver
- High quality heat sink
- Made with Samsung LEDs
- Three part opal pmma supplied as standard

ACCESSORIES AND OPTIONS AVAILABLE

- Can be supplied with inbuilt microwave sensor or corridor function if used in plasterboard or suspended ceilings
- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.
- Plasterboard recessed frames available for recessing into plasterboard ceilings

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP20

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE L x W x H (mm)	CUT OUT (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN	LUMEN PER CIRCUIT WATT
T312LED	Recessed panel white frame 4000k	36W	595 x 595 x 30	580 x 580	LED	Opal Pmma	3300lm	> 90

ACCESSORIES

LEDP36RF	Recessed frame for plasterboard ceiling for 595 x 595mm panels	

EARTH THREE LOW UGR

RoHS | SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR | 1-10V DIMMABLE | DALI DIMMABLE | PUSH DIMMABLE | TRIAC DIMMABLE

A range of aesthetically pleasing panels, offering a much more modern alternative to standard LED panel lights. With high efficiency and ultra low glare these are ideal for educational, office and work station environments.

UGR <16

KEY FEATURES

- 50,000 hr LED life expectancy
- Beam Angle 90 degrees
- CRI > 80
- Fully replaceable LED modules and drivers at end of life
- High lumen with low power consumption
- Ideal for use in corridors, hospitals, meeting rooms, reception areas, schools
- Manufactured with quality materials and European brand driver
- PF > 0.90
- Suitable for standard 15mm or 24mm ceiling grids
- Supplied with Flicker Free driver
- UGR < 16 for increased comfort
- Zero maintenance

MATERIALS

- European brand driver
- Flame resistant PC body
- Supplied with remote pre-wired driver

ACCESSORIES AND OPTIONS AVAILABLE

- Can be supplied with inbuilt PIR sensor or corridor function
- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.
- Plasterboard recessed frames available for recessing into plasterboard ceilings
- Surface frames available for mounting surface
- Suspension kits available

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP40 IP40 from below

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE L x W xH (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN	LUMEN PER CIRCUIT WATT
LEDP30DAG/83	Recessed low glare panel	30W	595 x 595 x 15	LED	Microgrid	3600lm	> 120
LEDP30DAG/84	Recessed low glare panel	30W	595 x 595 x 15	LED	Microgrid	3900lm	> 130
LEDP35DAG/83	Recessed low glare panel	35W	595 x 595 x 15	LED	Microgrid	4200lm	> 120
LEDP35DAG/84	Recessed low glare panel	35W	595 x 595 x 15	LED	Microgrid	4550lm	> 130

ACCESSORIES

LEDP36RF	Plasterboard ceiling frame for 595 x 595mm panels
SUSKITE4	Suspension kit for Earth 4
PSF600/600	Surface frame kit for 595 x 595mm panels

Plasterboard ceiling frame

Suspension kit

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

53

Tegral
Quality Lighting

EARTH FOUR LOW UGR

RoHS | SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR | 1-10V DIMMABLE | DALI DIMMABLE | PUSH DIMMABLE | TRIAC DIMMABLE

A range of aesthetically pleasing panels, offering a much more modern alternative to standard LED panel lights. With high efficiency and ultra low glare these are ideal for educational, office and work station environments.

UGR <16

KEY FEATURES

- 50,000 hr LED life expectancy
- Beam Angle 90 degrees
- CRI > 80
- Fully replaceable LED modules and drivers at end of life
- High lumen with low power consumption
- Ideal for use in corridors, hospitals, meeting rooms, reception areas, schools
- Initial SCDM 3
- Manufactured with quality materials and European brand driver
- PF > 0.90
- Plug and Play replaceable driver and modules
- Suitable for standard 15mm or 24mm ceiling grids
- Supplied with Flicker Free driver
- UGR < 16 for increased comfort
- Zero maintenance

ACCESSORIES AND OPTIONS AVAILABLE

- Can be supplied with inbuilt microwave sensor or corridor function if used in plasterboard or suspended ceilings
- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.
- Plasterboard recessed frames available for recessing into plasterboard ceilings
- Surface frames available for mounting surface
- Suspension kits available

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

MATERIALS

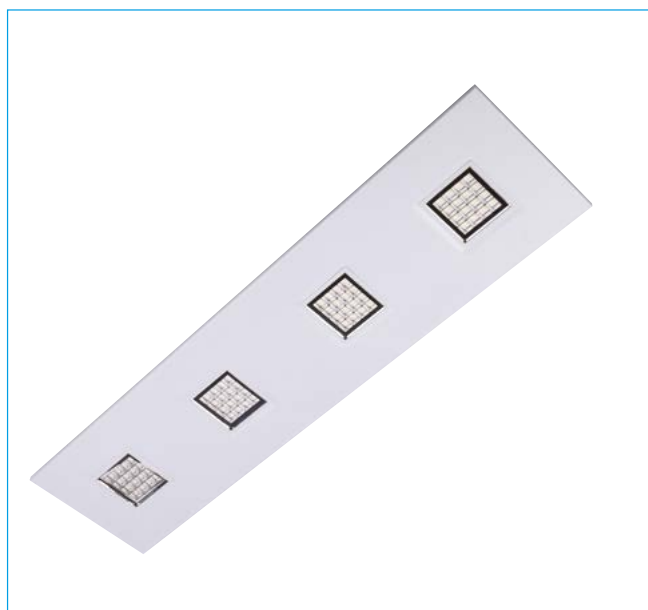- European brand driver
- Metal powder coated body and flame resistant PC
- Supplied with remote pre-wired driver

WARRANTY

5 years

IP RATING

IP40 IP40 from below

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN	LUMEN PER CIRCUIT WATT
LEDPLG25/83	Recessed low glare panel	25W	595 x 595 x 15	LED	Microgrid	3100lm	> 120
LEDPLG25/84	Recessed low glare panel	25W	595 x 595 x 15	LED	Microgrid	3430lm	> 130
LEDPLG40/83	Recessed low glare panel	38W	595 x 595 x 15	LED	Microgrid	4600lm	> 120
LEDPLG40/84	Recessed low glare panel	38W	595 x 595 x 15	LED	Microgrid	4830lm	> 130
LEDPLG252/83	Recessed low glare panel	25W	1195 x 295 x 15	LED	Microgrid	3100lm	> 120
LEDPLG252/84	Recessed low glare panel	25W	1195 x 295 x 15	LED	Microgrid	3430lm	> 130
LEDPLG402/83	Recessed low glare panel	38W	1195 x 295 x 15	LED	Microgrid	4700lm	> 120
LEDPLG402/84	Recessed low glare panel	38W	1195 x 295 x 15	LED	Microgrid	4900lm	> 130
LEDPLG60/83	Recessed low glare panel	53W	1195 x 595 x 15	LED	Microgrid	6360lm	> 120
LEDPLG60/84	Recessed low glare panel	53W	1195 x 595 x 15	LED	Microgrid	6850lm	> 130

ACCESSORIES

PSF600/600	Surface frame kit for 595 x 595mm panels
PSF1200/300	Surface frame kit for 1195 x 295mm panels
PSF1200/600	Surface frame kit for 1200 x 600mm panels
LEDP36RF	Plasterboard ceiling frame for 595 x 595mm panels
LEDP362RF	Plasterboard ceiling frame for 1195 x 295mm panels
LEDP70RF	Plasterboard ceiling frame for 1195 x 595mm panels
SUSKITE4	Suspension kit for Earth 4

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Tegral
Quality Lighting

55

EARTH 54

SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR

1-10V DIMMABLE

DALI DIMMABLE

PUSH DIMMABLE

TRIAC DIMMABLE

A range of highly efficient IP rated LED panels. These are ideal replacements for many forms of traditional fluorescent recessed or surface fixtures.

UGR <19

KEY FEATURES

- 50,000 hr LED life expectancy
- Beam Angle 90 degrees
- CRI > 80
- Ideal for use in corridors, hospitals, meeting rooms, reception areas, schools
- Manufactured with quality materials and European brand driver
- PF > 0.90
- Suitable for standard 15mm or 24mm ceiling grids
- UGR < 19 for increased comfort
- Zero maintenance

ACCESSORIES AND OPTIONS AVAILABLE

- Can be supplied with inbuilt microwave sensor or corridor function if used in plasterboard or suspended ceilings
- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.
- Plasterboard clips available for recessing into plasterboard ceilings. (Model LEDP/PBC for pack of 4, extra needed for sizes bigger than 595 x 595)
- Plasterboard recessed frames available for recessing into plasterboard ceilings
- Surface frames available for mounting surface
- Suspension kits available

MATERIALS

- European brand driver
- Extruded aluminium white frame
- TP(b) Microprismatic pmma diffuser as standard
- Supplied with remote prewired driver

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP54 IP54 from below

Tegral Quality Lighting

Surface mounted Earth 54

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN	LUMEN PER CIRCUIT WATT
LEDP40LG/54	Recessed panel white frame IP54	37W	595 x 595 x 12	LED	Microprismatic	4100lm	> 110
LEDP402LG/54	Recessed panel white frame IP54	37W	1195 x 295 x 12	LED	Microprismatic	4100lm	> 110

ACCESSORIES

PSF600/600	Surface frame kit for 595 x 595mm panels
PSF1200/300	Surface frame kit for 1195 x 295mm panels
LEDP36RF	Plasterboard ceiling frame for 595 x 595mm panels
LEDP362RF	Plasterboard ceiling frame for 1195 x 295mm panels
LEDP/SUSKIT	Suspension kit for LED panels
LEDP/PBC	Plasterboard clips (pack of 4) for LED panels
LEDP/SBK	Surface bracket for LED panels (pack of 4)

EARTH 65

RoHS · SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR · 1-10V DIMMABLE · DALI DIMMABLE · PUSH DIMMABLE · TRIAC DIMMABLE

A range of highly efficient IP rated LED panels. These are ideal replacements for many forms of traditional fluorescent recessed or surface fixtures.

UGR <19

KEY FEATURES

- 50,000 hr LED life expectancy
- Beam Angle 90 degrees
- CRI > 80
- Ideal for cleanrooms , food preparation areas and laboratories
- Manufactured with quality materials and European brand driver
- PF > 0.90
- Suitable for standard 15mm or 24mm ceiling grids
- Zero maintenance

MATERIALS

- European brand driver
- Extruded aluminium white frame
- TP(b) Microprismatic pmma diffuser as standard
- Supplied with remote prewired driver

ACCESSORIES AND OPTIONS AVAILABLE

- Can be supplied with inbuilt microwave sensor or corridor function if used in plasterboard or suspended ceilings
- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.
- Plasterboard clips available for recessing into plasterboard ceilings. (Model LEDP/PBC for pack of 4, extra needed for sizes bigger than 595 x 595)
- Plasterboard recessed frames available for recessing into plasterboard ceilings
- Surface frames available for mounting surface
- Suspension kits available

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP65 IP65 from below

Typical installation

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN	LUMEN PER CIRCUIT WATT
LEDP40LG/65	Recessed panel white frame IP65	37W	595 x 595 x 12	LED	Microprismatic	4100lm	> 110

ACCESSORIES

PSF600/600	Surface frame kit for 595 x 595mm panels
LEDP36RF	Plasterboard ceiling frame for 595 x 595mm panels
LEDP/SUSKIT	Suspension kit for LED panels
LEDP/PBC	Plasterboard clips (pack of 4) for LED panels
LEDP/SBK	Surface bracket for LED panels (pack of 4)

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

59

COM LITE PANELS EDGE LIT

KEY FEATURES

- 40,000 hr LED life expectancy
- Beam Angle 120 degrees
- CRI > 80
- Ideal for use in corridors, hospitals, meeting rooms, reception areas, retail environments, schools
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Suitable for standard 15mm or 24mm ceiling grids
- Zero maintenance

A range of highly efficient, lower cost LED panels. These are ideal replacements for many forms of traditional fluorescent recessed or surface fixtures.

MATERIALS

- Extruded aluminium white frame
- Opal pmma diffuser as standard
- Supplied with remote prewired driver

ACCESSORIES AND OPTIONS AVAILABLE

- Can be supplied with inbuilt microwave sensor or corridor function if used in plasterboard or suspended ceilings
- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.
- Plasterboard clips available for recessing into plasterboard ceilings. (Model LEDP/PBC for pack of 4, extra needed for sizes bigger than 595 x 595)
- Plasterboard recessed frames available for recessing into plasterboard ceilings
- Surface frames available for mounting surface
- Suspension kits available

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

3 years

IP RATING

IP40

Typical installation

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE L x W xH (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN	LUMEN PER CIRCUIT WATT
CLP30/84	Recessed panel white frame 4000k	30W	595 x 595 x 11	LED	Opal Pmma	2700lm	> 90
CLP30/MC	Recessed panel white frame 3CCT 3000/4000/6000k	30W	595 x 595 x 11	LED	Opal Pmma	2600/2700/2680lm	> 85
CLP36/84	Recessed panel white frame 4000k	36W	595 x 595 x 11	LED	Opal Pmma	3240lm	> 90
CLP36/MC	Recessed panel white frame 3CCT 3000/4000/6000k	36W	595 x 595 x 11	LED	Opal Pmma	3100/3240/3210lm	> 85
CLP362/MC	Recessed panel white frame 3CCT 3000/4000/6000k	36W	1195 x 295 x 11	LED	Opal Pmma	3100/3240/3210lm	> 85
CLP60/84	Recessed panel white frame 4000k	60W	1195 x 595 x 11	LED	Opal Pmma	5500lm	> 90
CLP60/MC	Recessed panel white frame 3CCT 3000/4000/6000k	60W	1195 x 595 x 11	LED	Opal Pmma	5200/5500/5400lm	> 85

ACCESSORIES

PSF600/600	Surface frame kit for 595 x 595mm panels
PSF1200/600	Surface frame kit for 1195 x 595mm panels
LEDP36RF	Plasterboard ceiling frame for 595 x 595mm panels
LEDP70RF	Plasterboard ceiling frame for 1195 x 595mm panels
LEDP/SUSKIT	Suspension kit for LED panels
LEDP/PBC	Plasterboard clips (pack of 4) for LED panels
LEDP/SBK	Surface bracket for LED panels (pack of 4)

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

61

Tegral
Quality Lighting

COM LITE PANELS BACK LIT

CE RoHS 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE TRIAC DIMMABLE Com Lite Commercial Lighting

A range of back lit efficient LED panels that can be recessed into suspended ceilings.

KEY FEATURES

- 40,000 hr LED life expectancy
- Beam Angle 120 degrees
- CRI > 80
- Ideal for use in corridors, hospitals, meeting rooms, reception areas, retail environments, schools
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Suitable for standard 15mm or 24mm ceiling grids
- Zero maintenance

MATERIALS

- Iron metal powder coated body
- Opal pmma diffuser as standard
- Supplied with remote driver for ease of wiring

ACCESSORIES AND OPTIONS AVAILABLE

- Can be supplied with inbuilt microwave sensor or corridor function if used in plasterboard or suspended ceilings
- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.
- Plasterboard clips available for recessing into plasterboard ceilings. (Model LEDP/PBC for pack of 4, extra needed for sizes bigger than 595 x 595)
- Plasterboard recessed frames available for recessing into plasterboard ceilings

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

3 years

IP RATING

IP44

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN	LUMEN PER CIRCUIT WATT
BP36/4	Recessed led panel 4000k	36W	595 x 595 x 30mm	LED	Opal Pmma	3400	> 90
BP36MC	Recessed led panel 3000/4000/5700k	36W	595 x 595 x 30mm	LED	Opal Pmma	3240/3350/3550	> 90
BP362/4	Recessed led panel 4000k	36W	1195 x 295 x 30mm	LED	Opal Pmma	3400	> 90
BP362MC	Recessed led panel 3000/4000/5700k	36W	1195 x 295 x 30mm	LED	Opal Pmma	3240/3350/3550	> 90
BP60/4	Recessed led panel 4000k	60W	1195 x 595 x 30mm	LED	Opal Pmma	5400	> 90
BP60MC	Recessed led panel 3000/4000/5700k	60W	1195 x 595 x 30mm	LED	Opal Pmma	5400/5500/5600	> 90

COM LITE PANELS LOW GLARE

CE | RoHS | 1-10V DIMMABLE | DALI DIMMABLE | PUSH DIMMABLE | TRIAC DIMMABLE | Com Lite Commercial Lighting

A range of recessed low glare LED luminaires designed with quality materials & components. These highly efficient luminaires are the perfect solution for modernisation to energy saving where the aesthetics are vital without the need to compromise on results. They are suitable for use in all commercial installations with an emphasis on open plan offices, schools, call centres & back office areas where low glare is required for workstations.

UGR <19

KEY FEATURES

- 40,000 hr LED life expectancy
- Beam Angle 120 degrees
- CRI > 80
- Ideal for use in corridors, hospitals, meeting rooms, reception areas, schools
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Suitable for standard 15mm or 24mm ceiling grids
- UGR < 19
- Zero maintenance

ACCESSORIES AND OPTIONS AVAILABLE

- Can be supplied with inbuilt microwave sensor or corridor function if used in plasterboard or suspended ceilings
- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.
- Plasterboard clips available for recessing into plasterboard ceilings. (Model LEDP/PBC for pack of 4, extra needed for sizes bigger than 595x595)
- Plasterboard recessed frames available for recessing into plasterboard ceilings
- Surface frames available for mounting Surface
- Suspension kits available

MATERIALS

- Extruded aluminium white frame
- TP(b) Microprismatic pmma diffuser as standard
- Supplied with remote prewired driver

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
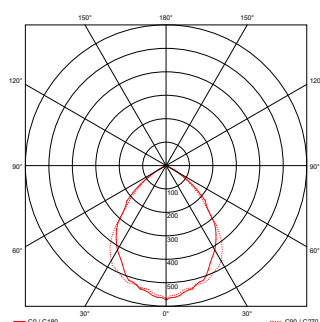- /TD for trailing edge dimmable

WARRANTY

3 years

IP RATING

IP40

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Typical installation

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN	LUMEN PER CIRCUIT WATT
CLPLG30/84	Recessed panel white frame 4000k	30W	595 x 595 x 11	LED	Microprismatic	2700lm	> 90
CLPLG40/84	Recessed panel white frame 4000k	36W	595 x 595 x 11	LED	Microprismatic	3300lm	> 90
CLPLG30/MC	Recessed panel white frame 3CCT 3000/4000/6000k	30W	595 x 595 x 11	LED	Microprismatic	2600-2700lm	> 85
CLPLG40/MC	Recessed panel white frame 3CCT 3000/4000/6000k	36W	595 x 595 x 11	LED	Microprismatic	3150-3300lm	> 85
CLPLG602/84	Recessed panel white frame 4000k	60W	595 x 595 x 11	LED	Microprismatic	5800lm	> 90
CLPLG302/84	Recessed panel white frame 4000k	30W	1195 x 295 x 11	LED	Microprismatic	2700lm	> 90
CLPLG402/84	Recessed panel white frame 4000k	36W	1195 x 295 x 11	LED	Microprismatic	3300lm	> 90
CLPLG402/MC	Recessed panel white frame 3CCT 3000/4000/6000k	36W	1195 x 295 x 11	LED	Microprismatic	3150-3300lm	> 85
CLPLG6022/84	Recessed panel white frame 4000k	60W	1195 x 295 x 11	LED	Microprismatic	5800lm	> 90
CLPLG60/84	Recessed panel white frame 4000k	60W	1195 x 295 x 11	LED	Microprismatic	5400lm	> 90
CLPLG60/MC	Recessed panel white frame 3CCT 3000/4000/6000k	60W	1195 x 595 x11	LED	Microprismatic	5200-5400lm	> 90

ACCESSORIES

PSF600/600	Surface frame kit for 595 x 595mm panels
PSF1200/300	Surface frame kit for 1195 x 295mm panels
PSF1200/600	Surface frame kit for 1200 x 600mm panels
LEDP36RF	Plasterboard ceiling frame for 595 x 595mm panels
LEDP362RF	Plasterboard ceiling frame for 1195 x 295mm panels
LEDP70RF	Plasterboard ceiling frame for 1195 x 595mm panels

ACCESSORIES

LEDP/SUSKIT	Suspension kit for LED panels
LEDP/PBC	Plasterboard clips (pack of 4) for LED panels
LEDP/SBK	Surface bracket for LED panels (pack of 4)

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

65

Tegral
Quality Lighting

MERCURY ONE

F CE RoHS SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE TRIAC DIMMABLE

A traditional style low glare louvre with high efficiency made with european brand led boards and driver.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for use in office and school environments
- L80B10 @ 50,000hrs, Ta = 25 degrees
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Suitable for standard 15mm or 24mm ceiling grids
- Zero maintenance

MATERIALS

- European brand chips and driver
- High-purity polished anodized aluminum, double parabolic louvre
- Sheet Steel housing
- Diffuser made from Mat Opal pmma

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available (see dimmable options)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency
- Clips available for plasterboard ceilings. (Order ref C/CLIPS for packet of 4)

ADDITIONAL INFORMATION

- 3000k or 4000k available

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP20

Tegral Quality Lighting UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN	LUMEN PER CIRCUIT WATT
TL32W/83	Recessed 600x600 louvred fitting 3000k	32W	595 x 595 x 53	SMD LED	Pmma	3470lm	> 105
TL32W/84	Recessed 600x600 louvred fitting 4000k	32W	595 x 595 x 53	SMD LED	Pmma	3670lm	> 110

Other sizes available on special order (1200x300, 1200x600, 1500x300)

TL32W

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

67

MERCURY TWO

A range of high output recessed linear slimline led fixtures, ideal for high ceilings in many retail and commercial applications.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- L80B10 @ 50,000hrs, Ta = 25 degrees
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Zero maintenance

MATERIALS

- European brand chips and driver
- Sheet Steel housing
- Diffuser made from opal polycarbonate

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- 4000k available as standard and 3000k available to special order

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP20

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Typical installation

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN	LUMEN PER CIRCUIT WATT
RV2120032/84	Recessed high output linear fixture	32W	1175 x 95 x 90	SMD LED	Opal PC	4000lm	> 125
RV2150039/84	Recessed high output linear fixture	39W	1475 x 95 x 90	SMD LED	Opal PC	5100lm	> 125

Other sizes available on special order

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

69

Tegral
Quality Lighting

MERCURY THREE

F · CE · RoHS · SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR · ⏚ · 1-10V DIMMABLE · DALI DIMMABLE · PUSH DIMMABLE · TRIAC DIMMABLE

A range of recessed LED wallwasher luminaires designed with quality materials and components. They are the perfect solution for modernisation to energy saving where the aesthetics are vital without the need to compromise on results. These highly efficient luminaires are suitable for use in all retail, commercial and general lighting applications where style and efficiency are both essential. The Mercury Three wallwashers provide indirect illumination uniformly onto the wall space for a practical and aesthetically pleasing result.

KEY FEATURES

- 50,000 hr LED life expectancy
- CRI > 80
- Ideal for use in retail environments for highlighting wall displays
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Suitable for standard 15mm or 24mm ceiling grids
- Zero maintenance

MATERIALS

- European branded control gear
- High quality steel body
- Reflective aluminium asymetrical reflector

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.
- Frames available for plasterboard ceilings. See Earth Accessories

ADDITIONAL INFORMATION

- 4000k-4200k supplied as standard, if 3000k-3200k or 6000k-6500k is needed please add /83 or /86 at end of product code

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP20

PRODUCT CODE	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
RWW20LED	20W	595 x 295 x 85	LED	Asymmetrical	1600lm	> 70
RWW40LED	40W	1195 x 295 x 85	LED	Asymmetrical	2900lm	> 70

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

MOON ONE

The Moon One is the answer to the need for high end aesthetics in a workspace environment.
(See page 72 for more details)

CE

RoHS

SUPPLIED WITH
EUROPEAN
BRANDED
CONTROL GEAR

1-10V DIMMABLE

DALI DIMMABLE

PUSH DIMMABLE

TRIAC DIMMABLE

www.tegral-lighting.com

Tegral
Quality Lighting

MOON ONE

CE · RoHS · SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR · 1-10V DIMMABLE · DALI DIMMABLE · PUSH DIMMABLE · TRIAC DIMMABLE

A range of recessed indirect modular fittings made with quality components and LED boards. The indirect lighting of the Moon One LED allows for anti-glare diffused illumination without a compromise on style. The Moon range is the answer to the need for high end aesthetics in a workspace environment. They are the perfect solution for modernisation to energy saving where the aesthetics are vital without the need to compromise on results. They are suitable for all commercial environments, with a special emphasis on call centres, open plan offices, reception areas and back offices.

KEY FEATURES

- 50,000 hr life expectancy
- CRI > 80
- Ideal for use in office environments
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Suitable for standard 15mm or 24mm ceiling grids
- UGR < 19
- Zero maintenance

MATERIALS

- European branded driver
- High quality steel body
- Indirect cover for soft illumination

ACCESSORIES AND OPTIONS AVAILABLE

- Available with inbuilt PIR sensor
- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.
- Mounting clips available for plasterboard ceilings, use model no C/CLIPS

ADDITIONAL INFORMATION

- 4000k-4200k supplied as standard, if 3000k-3200k or 6000k-6500k is needed please add /83 or /86 at end of product code

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP20

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Typical installation

PRODUCT CODE	WATTAGE (W)	SIZE L x W x H (mm)	CUT OUT (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
TID220	40W	595 x 595 x 110	580 x 580	LED	Indirect	2600lm	> 65

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

73

MOON TWO

CE RoHS SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE TRIAC DIMMABLE

A range of recessed direct/indirect modular fittings made with quality components and LED boards. The indirect lighting of the Moon Two range allows for an even distribution of anti-glare illumination without a compromise on style and efficiency and is the answer to needing to achieve LG7 compliance whilst requiring high end aesthetics in a workspace environment. They are suitable for schools and commercial environments, with a special emphasis on call centres, open plan office, reception areas and back offices.

KEY FEATURES

- 50,000 hr life expectancy
- CRI > 80
- Ideal for use in office environments
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Suitable for standard 15mm or 24mm ceiling grids
- UGR < 19 on Cat2, indirect and Microprismatic versions
- Zero maintenance

MATERIALS

- Centre grid louvre or Opal cover and indirect side shade
- European branded driver
- High quality steel body

ACCESSORIES AND OPTIONS AVAILABLE

- Available with inbuilt PIR sensor
- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.
- Mounting clips available for plasterboard ceilings, use model no C/CLIPS

ADDITIONAL INFORMATION

- 4000k-4200k supplied as standard, if 3000k-3200k or 6000k-6500k is needed please add /83 or /86 at end of product code
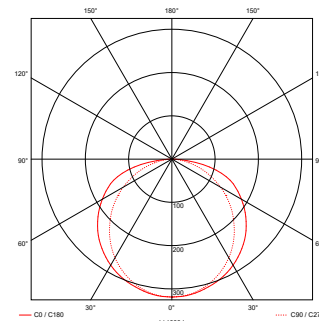
DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP20

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

PRODUCT CODE	WATTAGE (W)	SIZE L x W x H (mm)	CUT OUT (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
TDID120	20W	595 x 595 x 110	580 x 580	LED	Aluminium grid	1740lm	> 85
TDID220	40W	595 x 595 x 110	580 x 580	LED	Aluminium grid	3500lm	> 85
TDID120OP	20W	595 x 595 x 110	580 x 580	LED	Opal pmma	1950lm	> 90
TDID220OP	40W	595 x 595 x 110	580 x 580	LED	Opal pmma	3900lm	> 90
TDID120MP	20W	595 x 595 x 110	580 x 580	LED	Microprismatic	1850lm	> 90
TDID220MP	40W	595 x 595 x 110	580 x 580	LED	Microprismatic	3700lm	> 90
TDID40	40W	595 x 595 x 110	580 x 580	LED Lamp	Aluminium grid	3600lm	> 85

Centre louvred versions

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

75

MOON THREE

CE RoHS SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR ⏚ 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE TRIAC DIMMABLE

A range of recessed direct lighting fixtures made with quality components and LED boards. The Moon Three range allows for style and efficiency with its unique design. They are suitable for all retail and commercial environments, with a special emphasis on area's requiring higher light output like supermarkets and reception areas.

KEY FEATURES

- 50,000 hr life expectancy
- CRI > 80
- Ideal for use in retail environments
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Suitable for standard 15mm or 24mm ceiling grids
- Zero maintenance

MATERIALS

- Direct opal cover for direct but soft illumination
- European branded driver
- High quality steel body

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- 4000k-4200k supplied as standard, if 3000k-3200k or 6000-6500k is needed please add /83 or /86 at end of product code

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP20

TD40

PRODUCT CODE	WATTAGE (W)	SIZE L x W x H (mm)	CUT OUT (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
TD30	30W	595 x 595 x 110	580 x 580	LED	Opal pmma	3250lm	> 105
TD40	40W	595 x 595 x 110	580 x 580	LED	Opal pmma	4200lm	> 105
TD60	60W	1195 x 595 x 110	1180 x 580	LED	Opal pmma	6300lm	> 105

76

Tegral Quality Lighting

VENUS 65

CE RoHS SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE TRIAC DIMMABLE

A range of IP65 recessed LED luminaires designed with quality materials and components. These highly efficient luminaires are available in a range of sizes and diffuser options and are the perfect solution for modernisation to energy saving where the aesthetics are vital without the need to compromise on results. They are suitable for use in retail, commercial, food prep areas, laboratories and cleanroom applications where style and efficiency are both essential.

KEY FEATURES

- 50,000 hr life expectancy
- CRI > 80
- Ideal for use in laboratories and cleanroom environments
- L80B10 > 60,000hrs @ Ta 25 degrees
- Manufactured with quality materials and reliable European brand driver
- PF > 0.90
- Suitable for standard 15mm or 24mm ceiling grids
- Supplied pre-flexed for ease of installation
- Zero maintenance

MATERIALS

- Heavy duty Opal pmma diffuser
- European branded driver
- High quality steel body

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- 4000k-4200k supplied as standard, if 3000k-3200k or 6000k-6500k is needed please add /83 or /86 at end of product code
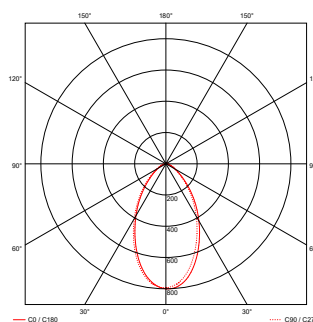
DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP65

PRODUCT CODE	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
T3200P/65	51W	594 x 594 x 80	LED	Opal pmma	6000lm	> 115
T2350P/65	69W	1194 x 594 x 80	LED	Opal pmma	8000lm	> 115

UK: salesuk@tegral-lighting.com 01279 46188

DOWNLIGHTS

DOWNLIGHTS

NEPTUNE TWO

CE RoHS | SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR | | 1-10V DIMMABLE | DALI DIMMABLE | PUSH DIMMABLE | TRIAC DIMMABLE

A range of recessed downlights designed with quality materials components & COB LED lightsource. These high efficiency energy saving luminaires are supplied with a frosted dropglass diffusion for a decorative look, making them the perfect solution for modernisation and energy saving without the need to compromise on results. They are suitable for all retail and commercial lighting installations with an emphasis on corridors, retail and reception spaces.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for use in boardrooms, carehomes, residential, retail and showrooms
- Manufactured with quality materials and reliable European brand driver
- PF > 0.90
- Zero maintenance

MATERIALS

- Complete with COB LED lightsource
- European branded LED driver
- Heavy duty diecast heat sink and sheet metal body
- Supplied with frosted glass diffuser

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION
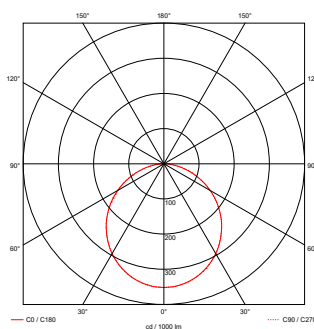
- 4000k supplied as standard

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 year warranty

IP RATING

IP20

DL20DG

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Typical Installation

PRODUCT CODE	WATTAGE (W)	SIZE Dia x Depth (mm)	CUT OUT (mm)	LIGHT SOURCE	DIFFUSER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
DL20DG/84	20W	190 x 185	175	COB LED	Frosted drop glass	2100lm	> 85
DL30DG/84	30W	235 x 220	220	COB LED	Frosted drop glass	2790lm	> 80

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

81

Tegral
Quality Lighting

NEPTUNE THREE

A range of LED recessed circular panels designed with quality materials, components & SMD LED lightsource. These high efficiency energy saving luminaires are available in a range of sizes, wattages and colour renderings, making them the perfect solution for modernisation to energy saving where the aesthetics are vital without the need to compromise on results. They are suitable for all retail and commercial lighting installations with an emphasis on corridors, retail and restroom space.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for use in boardrooms, carehomes, residential, retail and showrooms
- Manufactured with quality materials and reliable European brand driver
- PF > 0.90
- Zero maintenance

MATERIALS

- Complete with SMD LED lightsource
- Die cast aluminium construction
- European branded LED driver

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- 3000k , 4000k or 6000k available

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP44

TDL18WLED

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

PRODUCT CODE	WATTAGE (W)	SIZE Dia x Depth (mm)	CUT OUT (mm)	LIGHT SOURCE	COVER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
TDL6WLED/83	6W	120 x 20	110	LED	Frosted PC lens	480	> 80
TDL6WLED/84	6W	120 x 20	110	LED	Frosted PC lens	480	> 80
TDL6WLED/86	6W	120 x 20	110	LED	Frosted PC lens	480	> 80
TDL8WLED/83	8W	145 x 20	130	LED	Frosted PC lens	640	> 80
TDL8WLED/84	8W	145 x 20	130	LED	Frosted PC lens	640	> 80
TDL8WLED/86	8W	145 x 20	130	LED	Frosted PC lens	640	> 80
TDL12WLED/83	12W	170 x 20	155	LED	Frosted PC lens	950	> 80
TDL12WLED/84	12W	170 x 20	155	LED	Frosted PC lens	950	> 80
TDL12WLED/86	12W	170 x 20	155	LED	Frosted PC lens	950	> 80
TDL18WLED/83	18W	240 x 20	220	LED	Frosted PC lens	1440	> 80
TDL18WLED/84	18W	240 x 20	220	LED	Frosted PC lens	1440	> 80
TDL18WLED/86	18W	240 x 20	220	LED	Frosted PC lens	1440	> 80
TDL24WLED/83	24W	300 x 20	280	LED	Frosted PC lens	1920	> 80
TDL24WLED/84	24W	300 x 20	280	LED	Frosted PC lens	1920	> 80
TDL24WLED/86	24W	300 x 20	280	LED	Frosted PC lens	1920	> 80
TDL8WDGLED/83	8W	145 x 20	130	LED	Frosted PC lens and clear drop PC lens	570	> 70
TDL8WDGLED/84	8W	145 x 20	130	LED	Frosted PC lens and clear drop PC lens	570	> 70
TDL8WDGLED/86	8W	145 x 20	130	LED	Frosted PC lens and clear drop PC lens	570	> 70
TDL12WDGLED/83	12W	170 x 20	155	LED	Frosted PC lens and clear drop PC lens	850	> 70
TDL12WDGLED/84	12W	170 x 20	155	LED	Frosted PC lens and clear drop PC lens	850	> 70
TDL12WDGLED/86	12W	170 x 20	155	LED	Frosted PC lens and clear drop PC lens	850	> 70
TDL18WDGLED/83	18W	240 x 20	220	LED	Frosted PC lens and clear drop PC lens	1300	> 70
TDL18WDGLED/84	18W	240 x 20	220	LED	Frosted PC lens and clear drop PC lens	1300	> 70
TDL18WDGLED/86	18W	240 x 20	220	LED	Frosted PC lens and clear drop PC lens	1300	> 70
TDL24WDGLED/83	24W	300 x 20	280	LED	Frosted PC lens and clear drop PC lens	1710	> 70
TDL24WDGLED/84	24W	300 x 20	280	LED	Frosted PC lens and clear drop PC lens	1710	> 70
TDL24WDGLED/86	24W	300 x 20	280	LED	Frosted PC lens and clear drop PC lens	1710	> 70

18W version with 3 hour emergency backup

NEPTUNE FOUR

CE RoHS SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR ☐ 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE TRIAC DIMMABLE

A range of recessed downlights designed with quality materials, components & SMD lightsource. These high efficiency energy saving luminaires are available in a range of sizes, wattages and colour renderings making them the perfect solution for modernisation to energy saving where the aesthetics are vital without the need to compromise on results. They are suitable for all retail and commercial lighting installations with an emphasis on corridors, retail, and reception spaces.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for use in boardrooms, carehomes, residential, retail and showrooms
- Manufactured with quality materials and reliable European brand driver
- PF > 0.90
- Zero maintenance

MATERIALS

- Complete with SMD or COB LED lightsource
- Die cast aluminium construction
- European branded LED driver

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

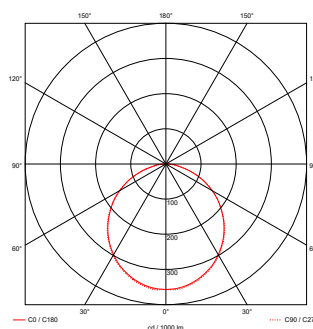## ADDITIONAL INFORMATION

- 3000k or 4000k available
- Broader range of outputs available with these body sizes. For specific requirements please contact us.

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP44

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Typical installation

PRODUCT CODE	WATTAGE (W)	SIZE Dia x Depth (mm)	CUT OUT (mm)	LIGHT SOURCE	DIFFUSER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
LD12SG/83	12W	130 x 75	115	SMD LED	Frosted sunken glass	1010lm	> 90
LD12SG/84	12W	130 x 75	115	SMD LED	Frosted sunken glass	1270lm	> 90
LD18SG/83	18W	180 x 80	165	SMD LED	Frosted sunken glass	1640lm	> 90
LD18SG/84	18W	180 x 80	165	SMD LED	Frosted sunken glass	2040lm	> 100
LD30SG/83	30W	230 x 85	215	SMD LED	Frosted sunken glass	2150lm	> 90
LD30SG/84	30W	230 x 85	215	SMD LED	Frosted sunken glass	3110lm	> 100

LD12SG

LD18SG

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

85

Tegral
Quality Lighting

NEPTUNE FIVE

CE · RoHS · SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR · DALI DIMMABLE · PUSH DIMMABLE

A range of IP44 recessed downlights designed with quality materials, components & SMD LED lightsource. These high efficiency energy saving luminaires are available in a range of sizes, wattages and colour renderings, making them the perfect solution for modernisation to energy saving where the aesthetics are vital without the need to compromise on results. They are suitable for all retail, commercial and domestic lighting installations with an emphasis on bedrooms, corridors, kitchens, reception, restrooms, and retail space.

KEY FEATURES

- 30,000hr life expectancy
- CRI > 80
- Ideal for use in boardrooms, carehomes, residential, retail and showrooms
- Manufactured with quality materials and reliable European brand driver
- Zero maintenance

MATERIALS

- Complete with SMD lightsource
- Die cast aluminium construction
- European branded LED driver

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- 3000k or 4000k available

DIMMABLE OPTIONS

- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable

WARRANTY

3 years

IP RATING

IP44

LDP7W

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com
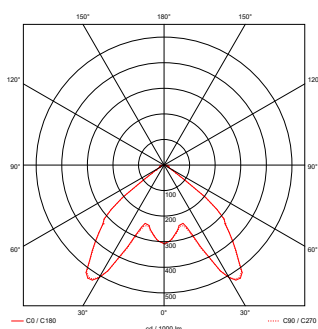
Typical installation

PRODUCT CODE	WATTAGE (W)	DIMENSIONS Dia x Depth (mm)	CUT OUT (mm)	LIGHT SOURCE	DIFFUSER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
LDP5W/83	5W	110 x 32	80-100	SMD LED	Opal pmma	420lm	> 75
LDP5W/84	5W	110 x 32	80-100	SMD LED	Opal pmma	450lm	> 80
LDP7W/83	7W	120 x 32	90-110	SMD LED	Opal pmma	540lm	> 75
LDP7W/84	7W	120 x 32	90-110	SMD LED	Opal pmma	560lm	> 75
LDP9W/83	9W	140 x 32	110-130	SMD LED	Opal pmma	780lm	> 85
LDP9W/84	9W	140 x 32	110-130	SMD LED	Opal pmma	810lm	> 85
LDP12W/83	12W	180 x 38	145-165	SMD LED	Opal pmma	930lm	> 75
LDP12W/84	12W	180 x 38	145-165	SMD LED	Opal pmma	960lm	> 75

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

87

NEPTUNE SIX

CE RoHS SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR | 1-10V DIMMABLE | DALI DIMMABLE | PUSH DIMMABLE | TRIAC DIMMABLE

A range of IP54 recessed downlights designed with quality materials, components & COB LED lightsource. These high efficiency energy saving luminaires are available in a range of sizes, wattages and colour renderings, making them the perfect solution for modernisation to energy saving where the aesthetics are vital without the need to compromise on results. They are suitable for all retail and commercial lighting installations with an emphasis on corridors, reception, restrooms and retail space.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for use in boardrooms, carehomes, residential, retail and showrooms
- Manufactured with quality materials and reliable European brand driver
- PF > 0.90
- Zero maintenance

MATERIALS

- Complete with COB LED lightsource
- European branded LED driver
- Heavy duty diecast housing

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- 3000k, 4000k or 6000k colours available
- Broader range of outputs available with these body sizes. For specific requirements please contact us.
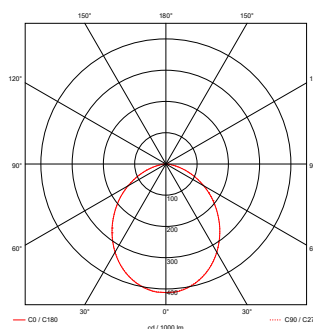
DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP54

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

PRODUCT CODE	WATTAGE (W)	DIMENSIONS Dia x Depth (mm)	CUT OUT (mm)	LIGHT SOURCE	DIFFUSER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
TCDL5WLED/83	5W	103 x 50	93	COB LED	Clear glass	650lm	> 90
TCDL5WLED/84	5W	103 x 50	93	COB LED	Clear glass	700lm	> 100
TCDL5WLED/86	5W	103 x 50	93	COB LED	Clear glass	700lm	> 100
TCDL15WLED/83	15W	170 x 60	152	COB LED	Clear glass	1550lm	> 100
TCDL15WLED/84	15W	170 x 60	152	COB LED	Clear glass	1635lm	> 105
TCDL15WLED/86	15W	170 x 60	152	COB LED	Clear glass	1635lm	> 105
TCDL28WLED/83	28W	224 x 85	215	COB LED	Clear glass	2800lm	> 100
TCDL28WLED/84	28W	224 x 85	215	COB LED	Clear glass	2900lm	> 105
TCDL28WLED/86	28W	224 x 85	215	COB LED	Clear glass	2900lm	> 105

TCDL5W

TCDL15W

TCDL28WLED

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

89

Tegral
Quality Lighting

NEPTUNE 54

CE | RoHS | SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR | □ | 1-10V DIMMABLE | DALI DIMMABLE | PUSH DIMMABLE | TRIAC DIMMABLE

A range of IP54 recessed downlights designed with quality materials, components & SMD LED lightsource. These high efficiency energy saving luminaires are available in a range of sizes, wattages and colour renderings, making them the perfect solution for modernisation to energy saving where the aesthetics are vital without the need to compromise on results. They are suitable for all retail and commercial lighting installations with an emphasis on corridors, reception, restrooms and retail space.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for use in bathrooms, carehomes, canopies, hotels, restrooms and retail
- Manufactured with quality materials and reliable European brand driver
- PF > 0.90
- Zero maintenance

MATERIALS

- Complete with LED lightsource
- Die cast aluminium construction
- European branded LED driver

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- 3000k, 4000k or 6000k colours available
- Broader range of outputs available with these body sizes. For specific requirements please contact us.
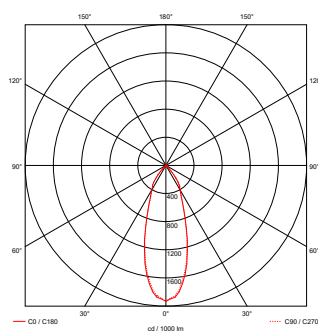
DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
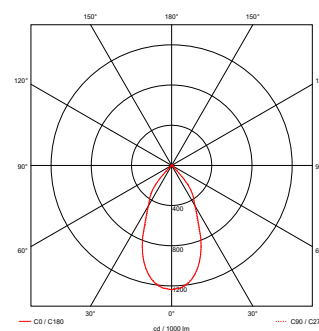- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP54

DL25SG54

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

PRODUCT CODE	WATTAGE (W)	DIMENSIONS Dia x Depth (mm)	CUT OUT (mm)	LIGHT SOURCE	DIFFUSER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
DL18SG/54/MC	18W	190 x 45	160-170	SMD LED	Opal PC	1460/1850/1730lm	80-105
DL25SG/54/MC	25W	228 x 45	200-210	SMD LED	Opal PC	2250/2750/2500lm	90-100
DL35SG/54/MC	35W	228 x 45	200-210	SMD LED	Opal PC	2645/3186/2879lm	75-90
DL45SG/54/83	45W	280 x 52	230-260	SMD LED	Opal PC	4000lm	> 85
DL45SG/54/84	45W	280 x 52	230-260	SMD LED	Opal PC	4200lm	> 95

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

91

Tegral
Quality Lighting

NEPTUNE 65

CE RoHS SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR □ 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE TRIAC DIMMABLE

A range of IP65 recessed downlights with opal polycarbonate lens designed with quality materials, components & SMD LED lightsource. These high efficiency energy saving luminaires are available in a range of sizes, wattages and colour renderings. They are suitable for all retail and commercial lighting installations with an emphasis on the exterior canopy areas, clean rooms, restrooms, laboratories, and wet rooms.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for use in bathrooms, carehomes, canopies, hotels, restrooms and retail
- Manufactured with quality materials and reliable European brand driver
- PF > 0.90
- Zero maintenance

MATERIALS

- Complete with SMD LED light source
- Die cast aluminium construction
- European branded LED driver

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- 4000k supplied as standard, any other colour rendering is special order

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable
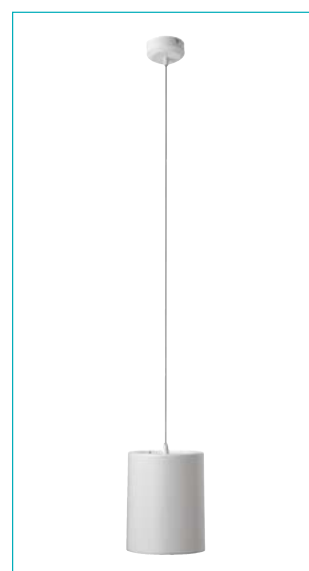
WARRANTY

5 years

IP RATING

IP65

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Typical installation

PRODUCT CODE	WATTAGE (W)	DIMENSIONS Dia x Depth (mm)	CUT OUT (mm)	LIGHT SOURCE	DIFFUSER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
TDL15WLED/84/65	15W	190 x 47	165 -175	SMD LED	Opal PC	1500lm	> 100
TDL25WLED/84/65	25W	235 x 55	205 - 215	SMD LED	Opal PC	2550lm	> 100
TDL25WLED/MC/65	25W	235 x 55	205 - 215	SMD LED	Opal PC	2400/2500/2490	95-100
TDL35WLED/MC/65	35W	235 x 55	205 - 215	SMD LED	Opal PC	3040/3570/3490	85-100

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

93

Tegral
Quality Lighting

NEPTUNE SURFACE CANS

CE | RoHS | SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR | ⏚ | 1-10V DIMMABLE | DALI DIMMABLE | PUSH DIMMABLE | TRIAC DIMMABLE

A range of classic style high efficiency versatile downlights that can be surface mounted or or suspended. They are ideal for applications that have solid concrete ceilings or where a decorative pendant is needed.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for use in apartment blocks, hotels, shopping centres and retail
- Manufactured with quality materials and reliable European brand driver
- PF > 0.90
- Zero maintenance

MATERIALS

- Complete with COB LED lightsource
- European branded LED driver
- Polycarbonate clear diffuser

ADDITIONAL INFORMATION

- 4000k supplied as standard but other colours available upon request
- Additional RAL colours available upon special order

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP20

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available (see dimmable options)
- Emergency versions available on 30W version only (wattage can be reduced). Add M3 for standard 3 hour emergency or ST for self test 3 hours emergency.
- Suspension kits available, model SCBK/SUSKIT for black 2mtr kit or SCWH/SUSKIT for white 2mtr kit.

SC20

SC30

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS H x Dia (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
SC20BK/84	20W surface/suspended can 4000k Black	20W	130 x 154	COB LED	2100lm	> 95
SC20WH/84	20W surface/suspended can 4000k White	20W	130 x 154	COB LED	2100lm	> 95
SC30BK/84	30W surface/suspended can 4000k Black	29W	170 x 182	COB LED	2800lm	> 95
SC30WH/84	30W surface/suspended can 4000k White	29W	170 x 182	COB LED	2800lm	> 95

SCBK/SUSKIT

SCWH/SUSKIT

COM LITE CIRCULAR PANELS

A range of LED recessed backlit panels designed with energy saving and convenience in mind. These efficient panels are ideal for domestic and residential use and work as a very low cost solution when upgrading to LED.

KEY FEATURES

- 25,000hr life expectancy
- CRI > 80
- Zero maintenance

MATERIALS

- Built in LED driver
- Complete with SMD lightsource
- Die cast aluminium construction
- Opal pmma diffuser

ADDITIONAL INFORMATION

- Supplied in 4000k as standard

WARRANTY

2 years

IP RATING

IP44

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Typical installation

PRODUCT CODE	WATTAGE (W)	DIMENSIONS Dia x Depth (mm)	CUT OUT (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
CLCP6W	6W	119 x 30	110	SMD LED	420lm	> 70
CLCP12W	12W	173 x 30	160	SMD LED	950lm	> 75
CLCP18W	18W	223 x 30	210	SMD LED	1530lm	> 85

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

97

Tegral
Quality Lighting

COM LITE DOWNLIGHTS: CDL MODELS

RoHS | 1-10V DIMMABLE | DALI DIMMABLE | PUSH DIMMABLE | TRIAC DIMMABLE | **Com Lite** Commercial Lighting

A range of recessed triac, dimmable, 3CCT LED downlights manufactured with quality materials and practicality in mind. These highly efficient luminaires are the complete ordering solution for colour variations required during modernisation or variation on specification for new installation. They are suitable for use in all retail or commercial and general lighting applications where efficiency and style are both essential.

KEY FEATURES

- 40,000hr life expectancy
- CRI > 80
- Ideal for use in boardrooms, carehomes, residential, retail and showrooms
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Zero maintenance

MATERIALS

- Complete with SMD LED light source
- PC construction for durability

ADDITIONAL INFORMATION

- 3 colour renderings within one product 2700/4000/5700k, simple dip switch configuartion to change rendering

ACCESSORIES AND OPTIONS AVAILABLE

- Triac Dimmable as standard but 1-10v, Dali and switch dim also available upon request.
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.
- List of additional accessories available, please see opposite page

WARRANTY

3 years

IP RATING

IP54

CDL16MCD

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

PRODUCT CODE	WATTAGE (W)	DIMENSIONS Dia x Depth (mm)	CUT OUT (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
CDL7MCD	7W	85 x 55	70 - 75	SMD LED	560/650/600lm	> 80
CDL10MCD	10W	115 x 61	90-95	SMD LED	800/940/870lm	> 80
CDL13MCD	13W	145 x 63	120-130	SMD LED	1200/1280/1260lm	> 100
CDL16MCD	14W	190 x 74	160-170	SMD LED	1600/1700/1680lm	> 110
CDL20MCD	19W	225 x 84	200-210	SMD LED	2050/2150/2100lm	> 110

ACCESSORIES

CR7BK	Black ring for CDL7MCD
CR7SC	Satin Chrome ring for CDL7MCD
CR10BK	Black ring for CDL10MCD
CR10SC	Satin Chrome ring for CDL10MCD
CR20BK	Black ring for CDL20MCD
CR20SC	Satin Chrome ring for CDL20MCD
CDL20MCD/EXRING	Extension ring for CDL20MCD to extend cutout up to 280mm

Satin chrome ring

Black ring

Extension ring

CDL20MCD with extension ring installed

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

99

Tegral
Quality Lighting

COM LITE DOWNLIGHTS: CLD MODELS

Com Lite Commercial Lighting

A range of stylish downlights with a microprism diffuser to reduce glare. These downlights are both aesthetically pleasing and energy saving providing the user with a perfect solution for modernisation. They are available in a range of sizes and wattages. They are suitable for office, retail and residential areas.

CLD35

CLD13

KEY FEATURES

- 40,000hr life expectancy
- CRI > 80
- Ideal for use in boardrooms, carehomes, residential, retail and showrooms
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Zero maintenance

MATERIALS

- Complete with LED lightsource
- Die cast aluminium heat sink for optimum performance
- Microprism diffuser
- Reliable driver supplied with option to upgrade to European brand

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

3 years as standard with 5 year option

IP RATING

IP44

PRODUCT CODE	COLOUR RENDERING	WATTAGE (W)	DIMENSIONS Dia x Depth (mm)	CUT OUT (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
CLD13LG/3	3000k	12W	110 x 80	90-100	SMD LED	1080lm	> 90
CLD13LG/4	4000k	12W	110 x 80	90-100	SMD LED	1210lm	> 100
CLD25LG/3	3000k	24W	190 x 100	160-180	SMD LED	2380lm	> 95
CLD25LG/4	4000k	24W	190 x 100	160-180	SMD LED	2510lm	> 105
CLD35LG/3	3000k	34W	230 x 110	200-220	SMD LED	3200lm	> 90
CLD35LG/4	4000k	34W	230 x 110	200-220	SMD LED	3630lm	> 105

COM LITE DOWNLIGHTS: CLGD MODELS

UGR <19

A range of stylish low glare downlights. These downlights are both aesthetically pleasing and energy saving providing the user with a perfect solution for modernisation. They are available in a couple of sizes and wattages and all are 3CCT as standard. They are suitable for office, retail and residential areas.

CLGD13

KEY FEATURES

- 3CCT as standard 2700/4000/5700k
- 40,000hr life expectancy
- CRI > 80
- Ideal for use in boardrooms, carehomes, residential, retail and showrooms
- Manufactured with quality materials and reliable driver
- PF > 0.90
- UGR < 19
- Zero maintenance

MATERIALS

- Complete with LED lightsource
- Iron bezel, aluminium reflector and polycarbonate housing
- Reliable driver supplied with option to upgrade to European brand

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available. (See dimmable options)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.
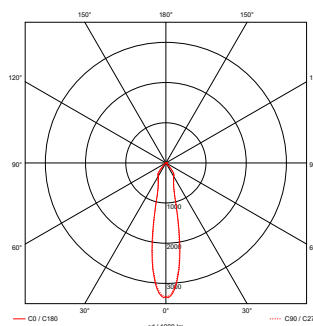
DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

3 years as standard with 5 year option

IP RATING

IP44

PRODUCT CODE	WATTAGE (W)	DIMENSIONS Dia x Depth (mm)	CUT OUT (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
CLGD13MC	13W	145 x 82	125-135	SMD LED	1080/1200/1210lm	> 80
CLGD18MC	18W	228 x 98	200-210	SMD LED	1820/1900/1960lm	> 100
CLGD13MCD	13W	145 x 82	125-135	SMD LED	1080/1200/1210lm	> 80
CLGD18MCD	18W	228 x 98	200-210	SMD LED	1820/1900/1960lm	> 100

COM LITE MINI DOWNLIGHTS

A range of low power small fully plastic IP54 downlights ideally suited for bathrooms, kitchens or soffit lighting.

KEY FEATURES

- 25,000hr life expectancy
- Beam angle 105 degrees
- CRI > 80
- Ideal for use in bathrooms, kitchens and soffits
- IP54 Rated
- Prewired for easy installation
- Zero maintenance

WARRANTY

2 years

IP RATING

IP54

MATERIALS

- Complete with LED lightsource
- Manufactured with heat resistant plastic

PRODUCT CODE	COLOUR RENDERING	WATTAGE (W)	DIMENSIONS Dia x Depth (mm)	CUT OUT (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
CL3/3	3000k	3W	95 x 55	70-80	SMD LED	225lm	> 75
CL3/4	4000k	3W	95 x 55	70-80	SMD LED	225lm	> 75
CL3/6	6000k	3W	95 x55	70-80	SMD LED	225lm	> 75

COM LITE ALL IN ONE DOWNLIGHT

CE RoHS

A versatile downlight with 3 output selections and 3 CCT selections. Can be used as a surface downlight or recessed in any existing holes with a range of 65mm to 205mm.

ADL1016MC

KEY FEATURES

- 40,000hr life expectancy
- Beam angle 120 degrees
- CRI > 80
- Diameter 235mm and Height 20mm
- Ideal for use in carehomes, corridors, entrance areas, exhibitions stands and hotels
- Suitable for recessed or surface mounting
- Three selectable light colours (3000k/4000k/5700k)
- Three selectable wattages (10W/13W/16W)
- Zero maintenance

WATT (W)	COLOUR RENDERING	LUMEN	CUT OUT (mm)
10	3000K	950	
	4000K	1000	
	5700K	1000	
13	3000K	1200	65 - 205mm
	4000K	1400	
	5700K	1400	
16	3000K	1500	
	4000K	1750	
	5700K	1750	

MATERIALS

- Complete with LED lightsource
- Housing and diffuser made with polycarbonate

WARRANTY

3 years

IP RATING

IP20

DISPLAY

SUNEX ONE

CE | **RoHS** | SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR | □ | 1-10V DIMMABLE | DALI DIMMABLE | PUSH DIMMABLE | TRIAC DIMMABLE

Recessed highly efficient scoop directional wallwashers suitable for highlighting specfic display areas. Ideal for retail and showroom applications.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for use in retail and showrooms
- Manufactured with quality materials and reliable European brand driver
- PF > 0.90
- Zero maintenance
- Initial SCDM 3

MATERIALS

- Complete with COB LED lightsource
- Die cast aluminium construction
- European branded LED driver
- Manufactured with CREE LED chips for excellent performance

ADDITIONAL INFORMATION

- Colour rendering available is 3000k, 4000k or 5000k

ACCESSORIES

- Model: SWW30/60RF
  Description: 60 degree reflector for SWW30 and SWW40 models

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable
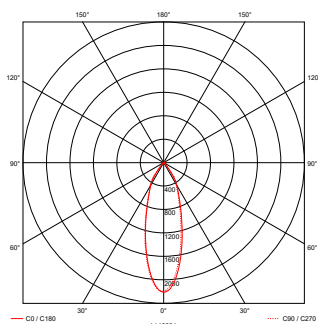
WARRANTY

5 years

IP RATING

IP20

SWW

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Typical installation

PRODUCT CODE	WATTAGE (W)	DIMENSIONS Dia x Depth (mm)	CUT OUT (mm)	LIGHT SOURCE	DIFFUSER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
SWW15LED/83	14W	190 x 140	175	COB LED	Clear glass	1400lm	> 100
SWW15LED/84	14W	190 x 140	175	COB LED	Clear glass	1480lm	> 100
SWW15LED/85	14W	190 x 140	175	COB LED	Clear glass	1400lm	> 100
SWW20LED/83	19W	190 x 140	175	COB LED	Clear glass	1980lm	> 100
SWW20LED/84	19W	190 x 140	175	COB LED	Clear glass	2100lm	> 100
SWW20LED/85	19W	190 x 140	175	COB LED	Clear glass	1900lm	> 100
SWW30LED/83	27W	190 x 140	175	COB LED	Clear glass	2790lm	> 100
SWW30LED/84	27W	190 x 140	175	COB LED	Clear glass	2960lm	> 100
SWW30LED/85	27W	190 x 140	175	COB LED	Clear glass	2700lm	> 100
SWW40LED/83	37W	190 x 140	175	COB LED	Clear glass	3750lm	> 100
SWW40LED/84	37W	190 x 140	175	COB LED	Clear glass	4000lm	> 100
SWW40LED/85	37W	190 x 140	175	COB LED	Clear glass	3650lm	> 100
RC20LED/83	20W	240 x 150 x 90	230x140	COB LED	Frosted glass	2000lm	> 100
RC20LED/84	20W	240 x 150 x 90	230x140	COB LED	Frosted glass	2080lm	> 100
RC20LED/85	20W	240 x 150 x 90	230x140	COB LED	Frosted glass	2080lm	> 100
RC40LED/83	40W	240 x 150 x 90	230x140	COB LED	Frosted glass	3000lm	> 100
RC40LED/84	40W	240 x 150 x 90	230x140	COB LED	Frosted glass	3100lm	> 100
RC40LED/85	40W	240 x 150 x 90	230x140	COB LED	Frosted glass	3100lm	> 100

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Tegral Quality Lighting

107

SUNEX TWO

CE RoHS SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE TRIAC DIMMABLE

Recessed highly efficient totally flush directional wallwashers suitable for highlighting specific display areas. Ideal for retail and showroom applications.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for use in retail and showrooms
- Manufactured with quality materials and reliable European brand driver
- PF > 0.90
- Zero maintenance
- Initial SCDM 3

MATERIALS

- Complete with COB LED lightsource
- Die cast aluminium construction
- European branded LED driver
- High quality heat sink

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- Colour rendering available is 3000k, 4000k or 6000k
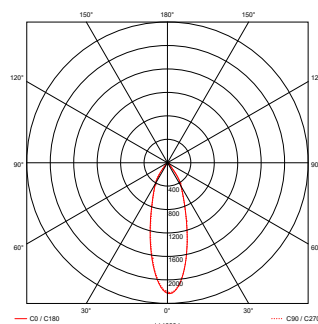- Different RAL colours available on request

DIMMABLE OPTIONS

- /D for 1-10v dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP20

PRODUCT CODE	COLOUR RENDERING	WATTAGE (W)	DIMENSIONS Dia x Depth (mm)	CUT OUT (mm)	LIGHT SOURCE	DIFFUSER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
WW15LED/83	3000k	15W	145 x 125	130	COB LED	Clear glass	1480lm	> 95
WW15LED/84	4000k	15W	145 x 125	130	COB LED	Clear glass	1550lm	> 100
WW15LED/86	6000k	15W	145 x 125	130	COB LED	Clear glass	1570lm	> 100
WW25LED/83	3000k	25W	175 x 125	160	COB LED	Clear glass	2400lm	> 95
WW25LED/84	4000k	25W	175 x 125	160	COB LED	Clear glass	2550lm	> 100
WW25LED/86	6000k	25W	175 x 125	160	COB LED	Clear glass	2560lm	> 100
WW30LED/83	3000k	30W	190 x 155	175	COB LED	Clear glass	2860lm	> 95
WW30LED/84	4000k	30W	190 x 155	175	COB LED	Clear glass	3050lm	> 100
WW30LED/86	6000k	30W	190 x 155	175	COB LED	Clear glass	3070lm	> 100
WW36LED/83	3000k	36W	235 x 180	220	COB LED	Clear glass	3430lm	> 95
WW36LED/84	4000k	36W	235 x 180	220	COB LED	Clear glass	3650lm	> 100
WW36LED/86	6000k	36W	235 x 180	220	COB LED	Clear glass	3670lm	> 100

WW15LED

WW25LED

WW15WLED

WW25WLED

WW30WLED

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

109

Tegral
Quality Lighting

SUNEX THREE

CE RoHS SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE TRIAC DIMMABLE

Recessed highly efficient flush square directional decorative wallwashers suitable for highlighting specfic display areas. Ideal for retail and showroom applications.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for use in retail and showrooms
- Manufactured with quality materials and reliable European brand driver
- PF > 0.90
- Zero maintenance
- Initial SCDM 3

MATERIALS

- Complete with COB LED lightsource
- European branded LED driver
- Iron plate body and high quality aluminium reflector

ACCESSORIES AND OPTIONS AVAILABLE

- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- Colour rendering available is 3000k, 4000k or 5000k

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP20

RDL115

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Typical installation

PRODUCT CODE	COLOUR RENDERING	WATTAGE (W)	DIMENSIONS Dia x Depth (mm)	CUT OUT (mm)	LIGHT SOURCE	DIFFUSER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
RDL115W/83	3000k	15W	160 x 160 x 176	130 x 130	COB LED	Clear glass	1550lm	> 100
RDL115W/84	4000k	15W	160 x 160 x 176	130 x 130	COB LED	Clear glass	1610lm	> 100
RDL115W/86	6000k	15W	160 x 160 x 176	130 x 130	COB LED	Clear glass	1630lm	> 100
RDL125W/84	4000k	25W	190 x 190 x 176	160 x 160	COB LED	Clear glass	2550lm	> 100
RDL215W/83	3000k	30W	280 x 160 x 176	250 x 130	COB LED	Clear glass	3150lm	> 100
RDL215W/84	4000k	30W	280 x 160 x 176	250 x 130	COB LED	Clear glass	3200lm	> 100
RDL215W/86	6000k	30w	280 x 160 x 176	250 x 130	COB LED	Clear glass	3250lm	> 100
RDL225W/84	4000k	50W	374 x 190 x 176	344 x 160	COB LED	Clear glass	5100lm	> 100
RDL315W/83	3000k	45W	395 x 160 x 176	365 x 130	COB LED	Clear glass	4500lm	> 100
RDL315W/84	4000k	45W	395 x 160 x 176	365 x 130	COB LED	Clear glass	4600lm	> 100
RDL315W/86	6000k	45W	395 x 160 x 176	365 x 130	COB LED	Clear glass	4620lm	> 100

RDL115

RDL215

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

111

Tegral
Quality Lighting

COM LITE LINEAR HIGHBAY/WALLWASHER

A range of IP65 rated high efficiency, slim profile LED highbays with the added benefit of also being suitable as wallwashers. They are suitable for use in all retail, commercial and warehouse applications.

L150

L200

KEY FEATURES

- 30,000hr life expectancy
- CRI > 80
- Manufactured with quality materials
- PF > 0.90
- Triac dimmable as standard
- Zero maintenance

MATERIALS

- High temperature resistant housing
- Manufactured with aluminium alloy housing

ADDITIONAL INFORMATION

- 4000k supplied as standard

WARRANTY

3 years

IP RATING

IP65

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
L150	150W linear highbay/wallwasher	150W	887 x 115 x 144	13500lm	> 85
L200	200W linear highbay/wallwasher	200W	1154 x 115 x 144	18000lm	> 85

COM LITE TRACKLIGHTS

A highly efficient range of spotlights that are ideal for many retail uses.
(See page 114 for more details)

CE

RoHS

Com Lite
Commercial Lighting

www.tegral-lighting.com

Tegral
Quality Lighting

COM LITE TRACKLIGHTS

A highly efficient range of spotlights that are ideal for many retail uses and provide an excellent alternative to traditional HQI tracklights

KEY FEATURES

- 25,000hr life expectancy
- CRI > 80
- Ideal for retail and display applications
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Three circuit as standard
- Wide voltage range 180-265V
- Zero maintenance

MATERIALS

- Complete with COB LED lightsource
- Glass lens, easily replaced to change beam angle
- Polycarbonate housing

ACCESSORIES AND OPTIONS AVAILABLE

- Full range of connectors and accessories, see next page

ADDITIONAL INFORMATION

- 3000k, 4000k, 5000k and 6000K options offered
- 24 degree beam angle as standard. 15 and 36 degree available on request

WARRANTY

3 years

IP RATING

IP20

CLTS35

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

PRODUCT CODE	COLOUR	COLOUR RENDERING	WATTAGE (W)	DIMENSIONS L x W x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
CLTS12BK/3	Black	3000K	12W	145 x 58 x 158	COB LED	1150lm	> 95
CLTS12BK/4	Black	4000K	12W	145 x 58 x 158	COB LED	1210lm	> 100
CLTS12BK/6	Black	6000K	12W	145 x 58 x 158	COB LED	1210lm	> 100
CLTS12WH/3	White	3000K	12W	145 x 58 x 158	COB LED	1150lm	> 90
CLTS12WH/4	White	4000K	12W	145 x 58 x 158	COB LED	1210lm	> 100
CLTS12WH/6	White	6000K	12W	145 x 58 x 158	COB LED	1210lm	> 100
CLTS35BK/3	Black	3000K	34W	145 x 88 x 182	COB LED	3225lm	> 90
CLTS35BK/4	Black	4000K	34W	145 x 88 x 182	COB LED	3510lm	> 100
CLTS35BK/5	Black	5000K	34W	145 x 88 x 182	COB LED	3505lm	> 100
CLTS35WH/3	White	3000K	34W	145 x 88 x 182	COB LED	3225lm	> 90
CLTS35WH/4	White	4000K	34W	145 x 88 x 182	COB LED	3510lm	> 100
CLTS35WH/5	White	5000K	34W	145 x 88 x 182	COB LED	3505lm	> 100

ACCESSORIES	COLOUR	DESCRIPTION	SIZE L x W (mm)
CLTBK1000	Black	3 circuit track	1000 x 32
CLTBKI	Black	I 3 circuit connector/joiner	165 x 32
CLTBKL	Black	L 3 circuit connector/joiner	99 x 99 x 32
CLTBKT	Black	T 3 circuit connector/joiner	165 x 99 x 32
CLTBKX	Black	X 3 circuit connector/joiner	165 x 165 x 32
CLTWH1000	White	3 circuit track	1000 x 32
CLTWHI	White	I 3 circuit connector/joiner	165 x 32
CLTWHL	White	L 3 circuit connector/joiner	99 x 99 x 32
CLTWHT	White	T 3 circuit connector/joiner	165 x 99 x 32
CLTWHX	White	X 3 circuit connector/joiner	165 x 165 x 32

CLTBK1000

CLTBKL

CLTBKX

CLTWH1000

CLTWHT

CLTWHI

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

115

Tegral
Quality Lighting

INDUSTRIAL

STARLITE ONE

CE RoHS SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE

Suspended high efficiency LED luminaires designed for general lighting in retail, sporthalls or warehousing applications.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for use in community centres, sportshalls and warehouses
- L80B20 > 77,000hrs @ Ta 25 degrees
- Manufactured with quality materials and reliable European brand driver
- Manufactured with Samsung LED
- PF > 0.90
- Zero maintenance

MATERIALS

- European branded control gear
- High quality steel body
- Heavy duty wireguard or clear acrylic cover

ACCESSORIES AND OPTIONS AVAILABLE

- Can be fitted with PIR or microwave sensor. Please add /SN or /MS to end of product code
- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- Fluorescent versions of this product are available
- Supplied in 4000k as standard
- Supplied with S hooks for suspending

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable

WARRANTY

5 years

IP RATING

IP20
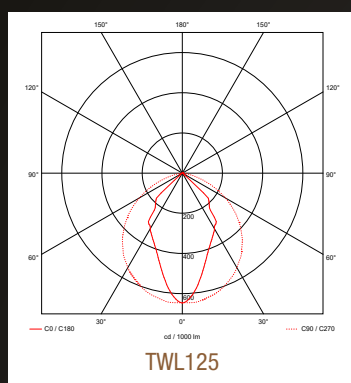
Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Typical installation

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	LIGHT SOURCE	DIFFUSER TYPE	NET LUMEN	LUMEN PER CIRCUIT WATT
TSP440	5ft suspended fixture with acrylic cover and wireguard	160W	1470 x 288 x 130	SMD LED	Clear	14225lm	> 85

TSP440

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Tegral
Quality Lighting

119

STARLITE TWO

CE RoHS SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE

Suspended LED high efficiency luminaires designed for general lighting in factories, retail or warehousing applications.

KEY FEATURES

- 50,000hr life expectancy
- Back cable entry point for quick installation
- CRI > 80
- Ideal for use in retail and warehouses
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Zero maintenance

MATERIALS

- European branded control gear
- High quality powder coated steel body
- Manufactured with Samsung LED for high performance

ACCESSORIES AND OPTIONS AVAILABLE

- Can be fitted with PIR or microwave sensor. Please add /SN or /MS to end of product code
- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- TWL822 models supplied with S shape hooks for suspension
- 4000k supplied as standard

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable

WARRANTY

5 years

IP RATING
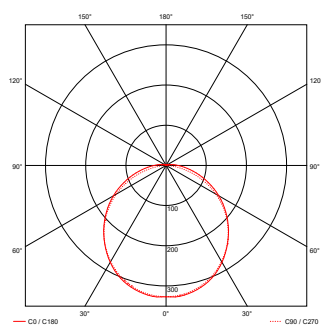
IP40

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Typical installation

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	LIGHT SOURCE	DIFFUSER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
TWL422	2ft surface/suspended fixture with clear cover	84W	597 x 597 x 85	SMD LED	Clear Acrylic	9300lm	> 110
TWL822	4ft suspended fixture with clear cover	170W	1250 x 400 x 100	SMD LED	Clear Acrylic	18250lm	> 105

TWL422

TWL822

TWL422

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

121

Tegral
Quality Lighting

STARLITE THREE

CE RoHS SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE

A range of slimline linear, high power low glare highbays suitable for lighting in factories and warehouses where glare control is important.

UGR <19

LGHB150

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for use in factories and warehouses
- Manufactured with quality materials and reliable driver
- PF > 0.90
- UGR < 19
- Zero maintenance

MATERIALS

- European branded control gear
- High quality powder coated steel body

ADDITIONAL INFORMATION

- 5000k supplied as standard others available on special request

ACCESSORIES AVAILABLE

- Can be fitted with PIR or microwave sensor. Please add /SN or /MS to end of product code
- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable

WARRANTY

5 years

IP RATING

IP40

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	LIGHT SOURCE	DIFFUSER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
LGHB150/85	Linear low glare Highbay - Charcoal	150W	600 x 420 x 52	SMD LED	Microprismatic	19500lm	> 130
LGHB200/85	Linear low glare Highbay - Charcoal	200W	900 x 420 x 52	SMD LED	Microprismatic	26000lm	> 130
LGHB300/85	Linear low glare Highbay - Charcoal	300W	1200 x 420 x 52	SMD LED	Microprismatic	39000lm	> 130

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

STARLITE 54

Suspendable or surface mounted high power and high effciency lowbays manufactured with branded LED chips and European brand driver.

TWL125

KEY FEATURES

- 50,000hrs L80B10 at 25 degrees
- CRI > 80
- Ideal for use in retail and warehouses
- IK08
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Pre-flexed with 2mtrs of cable for quick installation
- Zero maintenance

MATERIALS

- European branded control gear
- High quality powder coated steel body
- Manufactured with branded LED chip for high performance
- Polycarbonate diffuser for strength

ADDITIONAL INFORMATION

- 4000k supplied as standard others available on special request

ACCESSORIES AVAILABLE

- Can be fitted with PIR or microwave sensor. Please add /SN or /MS to end of product code
- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable

WARRANTY

5 years

IP RATING

IP54

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	LIGHT SOURCE	DIFFUSER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
TWL125/84	Low bay with clear diffuser	121W	743 x 400 x 75	SMD LED	Clear PC	16000lm	> 130
TWL125OP/84	Low bay with opal diffuser	121W	743 x 400 x 75	SMD LED	Opal PC	13000lm	> 105

STARLITE 65 V2

CE RoHS SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE

A range of high output, high efficiency linear style LED highbays. They are suitable for factories, retail sheds, supermarkets, or showrooms.

KEY FEATURES

- 50,000hrs L80B10 at 25 degrees
- CRI > 80
- IP65 rated
- IK10 rated
- Ideal for use in retail and warehouses
- Manufactured with quality materials and reliable driver
- Preflexed and supplied with 2mtrs of hanging chain
- PF > 0.90
- Zero maintenance

MATERIALS

- Aluminium extruded housing and fin design for better heat dissipation
- European branded control gear
- Polycarbonate opal diffuser for excellent uniformity
- Manufactured with CREE chip for excellent performance

ACCESSORIES AND OPTIONS AVAILABLE

- Can be fitted with PIR or microwave sensor. Please add /SN or /MS to end of product code
- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- 4000k or 5000k supplied as standard, other colour rendering available on request

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable

WARRANTY

5 years

IP RATING

IP65

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Typical installation

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	LIGHT SOURCE	DIFFUSER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
LHB200/84	Linear extruded aluminium highbay 4000k	198W	1480 x 150 x 110	SMD LED	Opal PC	24100lm	> 120
LHB200/85	Linear extruded aluminium highbay 5000k	198W	1480 x 150 x 110	SMD LED	Opal PC	24315lm	> 120

LHB200

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

125

Tegral
Quality Lighting

STARLITE 65 V3

CE RoHS SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR | 1-10V DIMMABLE | DALI DIMMABLE | PUSH DIMMABLE

Suspended high efficiency LED luminaires designed for general lighting in factories, retail or warehousing applications.

270W

140W

KEY FEATURES

- 50,000hrs L80B10 at 25 degrees
- CRI > 80
- Ideal for use in retail and warehouses
- Manufactured with quality materials and reliable driver
- Preflexed for easy installation
- PF > 0.90
- Zero maintenance

MATERIALS

- European branded control gear
- High quality rubber seal and SS clips
- High quality steel body and tempered glass

ACCESSORIES AVAILABLE

- Can be fitted with PIR or microwave sensor. Please add /SN or /MS to end of product code
- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- 4000k supplied as standard, other colour rendering available on special order

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable

WARRANTY

5 years

IP RATING

IP65

Tegral Quality Lighting

Typical installation

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	LIGHT SOURCE	DIFFUSER TYPE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
TWL140V3/65	4ft LED suspended fixture with glass cover	140W	1252 x 249 x 145	SMD LED	Clear glass	16000lm	> 115
TWL270V3/65	4ft LED suspended fixture with glass cover	270W	1252x 409 x 145	SMD LED	Clear glass	32300lm	> 115

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

127

Tegral
Quality Lighting

COM LITE HIGHBAY V1

A range of IP65 rated, heavy duty and highly efficient LED UFO style highbays. Built for durability these fixtures are ideal in many retail, showroom or warehousing applications.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for use in retail and warehouses
- L80B30 > 52,000hrs Ta 25 degrees
- Manufactured with quality materials and reliable driver
- Preflexed for easy installation
- PF > 0.90
- Zero maintenance

MATERIALS

- High quality aluminium heat sink body
- Tempered glass diffuser

ACCESSORIES AVAILABLE

- Prismatic acylic diffuser for glare reduction
- Aluminium reflector for 90 degree beam angle
- 60 degree polycarbonate lens, ideal for rack lighting
- 100 degree polycarbonate lens

ADDITIONAL INFORMATION

- 4000k or 6000k available
- Supplied with 1.3mtrs of flex

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DL for Dali and switch dimmable

WARRANTY

5 years

IP RATING

IP65

150W Wide beam

200W Narrow beam

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS Dia x D (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
UFO150/4	4000k UFO highbay 120 degree beam	150W	287 x 186	SMD LED	17400lm	> 110
UFO150/6	6000k UFO highbay 120 degree beam	150W	287 x 186	SMD LED	17600lm	> 115
UFO200/4	4000k UFO highbay 120 degree beam	200W	287 x 186	SMD LED	23440lm	> 115
UFO200/6	6000k UFO highbay 120 degree beam	200W	287 x 186	SMD LED	24080lm	> 115

ACCESSORIES	DESCRIPTION
UFO/AL	Aluminium reflector for UFO series
UFO/PC	Acrylic diffuser for UFO series
UFO/LENS60	60 degree lens for UFO series
UFO/LENS100	100 degree lens for UFO series

UFO150 with aluminium reflector

UFO150 with acrylic diffuser

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

129

Tegral
Quality Lighting

COM LITE HIGHBAY V2

A range of IP65 rated, heavy duty and highly efficient LED UFO style highbays. Made with polycarbonate diffusers these are suitable for many applications including food stores, retail, showroom or warehousing applications.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for use in retail and warehouses
- L70B30 > 60,000hrs Ta 25 degrees
- Manufactured with quality materials and reliable driver
- Preflexed for easy installation
- PF > 0.90
- Zero maintenance

MATERIALS

- High quality aluminium heat sink body
- Supplied with polycarbonate cover, ideal for food industries

ACCESSORIES AVAILABLE

- Can be fitted with PIR or microwave sensor. Please add /SN or /MS to end of product code
- Aluminium reflector for 90 degree beam angle
- 60 degree polycarbonate lens, ideal for rack lighting

ADDITIONAL INFORMATION

- 4000k, 5000k or 6000k available
- Supplied with 1.3mtrs of flex

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DL for Dali and switch dimmable

WARRANTY

5 years

IP RATING

IP65

100W Wide beam

150W Narrow beam

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS Dia x D (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
HBO100V2/4	4000k UFO highbay 120 degree beam	100W	260 x 175	SMD LED	11960lm	> 115
HBO100V2/5	5000k UFO highbay 120 degree beam	100W	260 x 175	SMD LED	11980lm	> 115
HBO100V2/6	6000k UFO highbay 120 degree beam	100W	260 x 175	SMD LED	11980lm	> 115
HBO150V2/4	4000k UFO highbay 120 degree beam	150W	260 x 175	SMD LED	17600lm	> 115
HBO150V2/5	5000k UFO highbay 120 degree beam	150W	260 x 175	SMD LED	17700lm	> 115
HBO150V2/6	6000k UFO highbay 120 degree beam	150W	260 x 175	SMD LED	17700lm	> 115

ACCESSORIES	DESCRIPTION
UFO/AL	Aluminium reflector for 150W version only
HBOV2/LENS60	60 degree polycarbonate lens for 100W and 150W versions
UFO/PC	Acrylic diffuser for 150w version only

150W with reflector

150W with sensor

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

131

COM LITE LOW GLARE HIGHBAY

CE · RoHS · 1-10V DIMMABLE · DALI DIMMABLE · PUSH DIMMABLE · Com Lite Commercial Lighting

A stylish UFO style fitting with reduced glare. Extremely energy efficient while keeping glare to a minimum, this highbay is ideal for use in warehouse applications where glare control is important.

UGR <19

KEY FEATURES

- 50,000hr life expectancy
- Ideal for use in sportshalls and warehouses
- Manufactured with quality materials and reliable driver
- Preflexed for easy installation
- IK08
- CRI > 80
- PF > 0.90
- UGR < 19
- Zero maintenance
- L80B30 > 96,000hrs Ta 25 degrees

MATERIALS

- High quality aluminium alloy body
- Polycarbonate optical lens

ACCESSORIES AVAILABLE

- Can be fitted with PIR or microwave sensor. Please add /SN or /MS to end of product code

ADDITIONAL INFORMATION

- 4000k supplied as standard, other colours available on request
- Supplied with 1.3mtrs of flex

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DL for Dali and switch dimmable

WARRANTY

5 years

IP RATING

IP65

150W

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS Dia x D (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
HBO150LG/4	4000k UFO highbay 65 degree beam	150W	292 x 191	SMD LED	17400lm	> 115

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

COM LITE FOODSAFE HIGHBAY

CE RoHS | 1-10V DIMMABLE | DALI DIMMABLE | PUSH DIMMABLE | **Com Lite** Commercial Lighting

A range of specialised UFO style highbays specifically aimed at food industries. These units are designed so that they can be easily cleaned and no dirt can gather which is particularly important for food production.

KEY FEATURES

- 50,000hr life expectancy
- Ideal for use in food production plants and sportshalls
- IP69K, can be hosed frequently
- Manufactured with quality materials and reliable driver
- Preflexed for easy installation
- IK10
- CRI > 80
- PF > 0.90
- Zero maintenance
- L80B30 > 114,000hrs Ta 25 degrees

MATERIALS

- High quality aluminium alloy body
- Manufactured with Nicha LED and Meanwell driver
- Polycarbonate optical lens

ACCESSORIES AVAILABLE

- 60 or 90 degree lens available

ADDITIONAL INFORMATION

- 4000k supplied as standard , other colours available on request

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DL for Dali and switch dimmable

WARRANTY

5 years

IP RATING

IP66

Foodsafe 150W

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS Dia x D (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
FS150/4	4000k UFO foodsafe highbay 120 degree beam	150W	489 x 200	SMD LED	21000lm	> 140
FS200/4	4000k UFO foodsafe highbay 120 degree beam	200W	489 x 200	SMD LED	25000lm	> 125

COM LITE LINEAR HIGHBAY V1

CE RoHS 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE Com Lite Commercial Lighting

A range of highly efficient linear highbays which are versatile in nature with different beam angle options which means they can be used in most warehouse applications.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for use in retail, sportshalls and warehouses
- IP65 Rated
- IK10
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Zero maintenance

MATERIALS

- High quality aluminium alloy body
- Polycarbonate optical lens

ACCESSORIES AVAILABLE

- 60 or 120 degree lens available (120 degree supplied as standard)
- Fixed ceiling brackets
- Rotatable ceiling brackets

ADDITIONAL INFORMATION

- 4000k supplied as standard, other colours available on request

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DL for Dali and switch dimmable

WARRANTY

5 years

IP RATING

IP65

150W narrow beam

200W wide beam

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Typical installation

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
L150/4	4000K linear highbay with 120 degree beam angle	150W	738 x 137 x 102	SMD LED	19500lm	> 125
L200/4	4000K linear highbay with 120 degree beam angle	200W	948 x 137 x 102	SMD LED	26000lm	> 125

ACCESSORIES	DESCRIPTION
LLENS/60	Linear Highbay 60 degree lens (1 needed per 50W)
LCBKT	Linear Highbay fixed ceiling brackets (set of 2)
LCRBKT	Linear Highbay rotatable ceiling brackets (set of 2)

Triangle ceiling bracket

Rotatable ceiling bracket

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

135

TEGRAL 65 STAINLESS STEEL

CE RoHS SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE

A range of stainless steel IP65 fittings suitable for general lighting in carparks, garages or commercial applications.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for use in retail sheds, under ground carparks and warehouses
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Zero maintenance

MATERIALS

- High quality LED chip and European branded control gear
- Stainless steel body and tempered glass cover

ACCESSORIES AVAILABLE

- Can be fitted with inbuilt microwave sensor
- Dimmable versions available (See dimmable options)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- 4000k supplied as standard. 3000k or 6000k available on request

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable

WARRANTY

5 years

IP RATING

IP65

Tegral Quality Lighting UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Typical installation

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
T5TSS50/65	5ft linear IP65 stainless steel 4000k	50W	1600 x 132 x 90mm	SMD LED	6000lm	> 115

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Tegral Quality Lighting

137

TEGRAL 66 T8 LED

CE RoHS ⏚

A range of high frequency IP66 surface batten luminaires designed to accommodate T8 LED lamps. They are suitable for general lighting in carparks, garages and commercial applications.

KEY FEATURES

- 25,000hr lamp life expectancy
- CRI > 80
- Dual voltage lamps available
- Ideal for use in retail, store rooms and warehouses
- Manufactured with quality materials
- PF > 0.90
- Zero maintenance

MATERIALS

- High quality LED lamp (glass coated with plastic)
- Polycarbonate or GRP housing and polycarbonate or acrylic covers

ACCESSORIES AVAILABLE

- Emergency versions available. Please add /M3 to product code

ADDITIONAL INFORMATION

- All Tegral 66 models are supplied with SS Clips as standard
- Lamps provided with non dimmable versions are glass plastic coated and have 330 degree light output
- Lamps supplied are 4000k, if colour 6000k is required please add /86 after product code
- Lumen outputs will vary according to lamp colour temp
- Supplied with lamps, but /B models are less lamps

WARRANTY

2 year lamp warranty

IP RATING

IP66

Tegral Quality Lighting UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	LIGHT SOURCE	PRIMARY LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
T2SLED/66	2ft single with PC base and PC diffuser with LED lamp	1 x 9W	660 x 101 x 101	T8 LED Lamp	800lm	> 55
T2SLED/66/B	2ft single with PC base and PC diffuser wired for single ended LED lamp	-	660 x 101 x 101	T8 LED Lamp	-	-
T2TLED/66	2ft twin with PC base and PC diffuser with LED lamps	2 x 9W	660 x 145 x 101	T8 LED Lamp	1600lm	> 55
T2TLED/66/B	2ft twin with PC base and PC diffuser wired for single ended LED lamps	-	660 x 145 x 101	T8 LED Lamp	-	-
T4SLED/66	4ft single with PC base and PC diffuser with LED lamp	1 x 18W	1277 x 101 x 101	T8 LED Lamp	1800lm	> 70
T4SLED/66/B	4ft single with PC base and PC diffuser wired for single ended LED lamp	-	1277 x 101 x 101	T8 LED Lamp	-	-
T4TLED/66	4ft twin with PC base and PC diffuser with LED lamps	2 x 18W	1277 x 145 x 101	T8 LED Lamp	3600lm	> 65
T4TLED/66/B	4ft twin with PC base and PC diffuser wired for single ended LED lamps	-	1277 x 145 x 101	T8 LED Lamp	-	-
T5SLED/66	5ft single with PC base and PC diffuser with LED lamp	1 x 24W	1573 x 101 x 101	T8 LED Lamp	2300lm	> 70
T5SLED/66/B	5ft single with PC base and PC diffuser wired for single ended LED lamp	-	1573 x 101 x 101	T8 LED Lamp	-	-
T5TLED/66	5ft twin with PC base and PC diffuser with LED lamps	2 x 24W	1573 x 145 x 101	T8 LED Lamp	4600lm	> 60
T5TLED/66/B	5ft twin with PC base and PC diffuser wired for single ended LED lamps	-	1573 x 145 x 101	T8 LED Lamp	-	-
T4SLED2/66	4ft single with GRP base and Acrylic diffuser with LED lamps	1 x 18W	1277 x 101 x 101	T8 LED Lamp	1800lm	> 70
T4SLED2/66/B	4ft single with GRP base and Acrylic diffuser wired for single ended LED lamps	-	1277 x 101 x 101	T8 LED Lamp	-	-
T4TLED2/66	4ft twin with GRP base and Acrylic diffuser with LED lamps	2 x 18W	1277 x 145 x 101	T8 LED Lamp	3600lm	> 65
T4TLED2/66/B	4ft twin with GRP base and Acrylic diffuser wired for single ended LED lamps	-	1277 x 145 x 101	T8 LED Lamp	-	-
T5SLED2/66	5ft single with GRP base and Acrylic diffuser with LED lamps	1 x 24W	1573 x 101 x 101	T8 LED Lamp	2300lm	> 70
T5SLED2/66/B	5ft single with GRP base and Acrylic diffuser wired for single ended LED lamps	-	1573 x 101 x 101	T8 LED Lamp	-	-
T5TLED2/66	5ft twin with GRP base and Acrylic diffuser with LED lamps	2 x 24W	1573 x 145 x 101	T8 LED Lamp	4600lm	> 60
T5TLED2/66/B	5ft twin with GRP base and Acrylic diffuser wired for single ended LED lamps	-	1573 x 145 x 101	T8 LED Lamp	-	-

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

139

TEGRAL 66

CE | RoHS | SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR | 1-10V DIMMABLE | DALI DIMMABLE | PUSH DIMMABLE

A range of high frequency IP66 surface batten luminaires designed with LED modules. They are suitable for general lighting in carparks, garages and commercial applications.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for use in retail sheds, under ground carparks and warehouses
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Zero maintenance

MATERIALS

- High quality LED chip and European branded driver
- Polycarbonate housing and diffuser

ACCESSORIES AVAILABLE

- Can be fitted with PIR or microwave sensor. Please add /SN or /MS to end of product code
- Dimmable versions available. (See dimmable options)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- 4000k-4200k supplied as standard, if 3000k-3200k or 6000k-6500k is needed please add /83 or /86 at end of product code
- All Tegral 66 models are supplied with SS Clips as standard
- Lumen outputs will vary according to colour temp
- GRP base or acrylic diffusers are available for this range

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable

WARRANTY

5 years

IP RATING

IP66

Typical installation
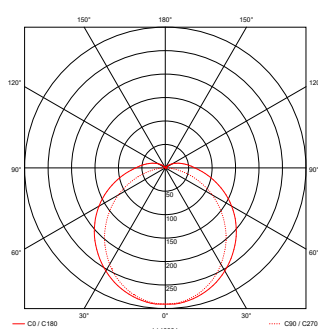
PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
LB210/66	2ft single IP66 with LED lIghtbar, PC base, PC diffuser	10W	660 x 101 x 101	SMD LED	900lm	> 90
LB220/66	2ft twin IP66 with LED lIghtbar, PC base, PC diffuser	20W	660 x 145 x 101	SMD LED	1800lm	> 90
LB420/66	4ft single IP66 with LED lIghtbar, PC base, PC diffuser	20W	1277 x 101 x 101	SMD LED	950lm	> 90
LB450/66	4ft twin IP66 with LED lIghtbar, PC base, PC diffuser	50W	1277 x 145 x 101	SMD LED	4600lm	> 90
LB530/66	5ft single IP66 with LED lIghtbar, PC base, PC diffuser	30W	1573 x 101 x 101	SMD LED	2800lm	> 90
LB560/66	5ft twin IP66 with LED lIghtbar, PC base, PC diffuser	60W	1573 x 145 x 101	SMD LED	5350lm	> 90

SS Clips as standard

Tegral
Quality Lighting

TEGRAL 66 EASYFIT

CE RoHS SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE

A range of highly durable IP66 slim profile luminaires designed with LED modules. They are suitable for general lighting in carparks, garages and commercial applications.

KEY FEATURES

- 50,000hr life expectancy
- CREE LED for high performance
- CRI > 80
- Ideal for use in retail sheds, under ground carparks and warehouses
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Through wired with connector at each end for ease of wiring
- Zero maintenance

MATERIALS

- High quality LED chip and European brand driver
- Polycarbonate body with polycarbonate cover
- Stainless steel 304 brackets

ACCESSORIES AVAILABLE

- Can be fitted with PIR or microwave batten mounted sensor. Add /SN or /MS after product code.
- Dimmable versions available. (see dimmable options)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- 4000k supplied as standard, 3000k or 6000k as special order
- Internally through wired with connectors at both ends
- Supplied with one end glanded and blank end. Additional pack with extra gland and open endcap supplied in box also.

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable

WARRANTY

5 years

IP RATING

IP66

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
EF220/66	2ft easyfit polycarbonate IP66 fitting	19W	600 x 100 x 60	SMD LED	2400lm	> 125
EF440/66	4ft easyfit polycarbonate IP66 fitting	36W	1200 x 100 x 60	SMD LED	4830lm	> 130
EF530/66	5ft easyfit polycarbonate IP66 fitting	27W	1500 x 100 x 60	SMD LED	3540lm	> 130
EF560/66	5ft easyfit polycarbonate IP66 fitting	55W	1500 x 100 x 60	SMD LED	6875lm	> 125
EF565/66	5ft easyfit polycarbonate IP66 fitting	61W	1500 x 100 x 60	SMD LED	8070lm	> 130
EF665/66	6ft easyfit polycarbonate IP66 fitting	73W	1800 x 100 x 60	SMD LED	9215lm	> 125

Accessories supplied as standard

EF665/66

COM LITE IP65 RANGE

CE RoHS [symbol] 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE TRIAC DIMMABLE **Com Lite** Commercial Lighting

A Range of LED Anti-Corrosive fixtures designed with quality materials and components. Both durable and functional, the polycarbonate IP65 luminaire is the perfect solution for modernisation and renovation without the need to compromise on results. They are suitable for use in all retail, commercial and general lighting applications where style and efficiency are both essential.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for use in retail sheds, under ground carparks and warehouses
- IK08 rated
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Through wired with connector at each end for ease of wiring (CP models)
- Zero maintenance

MATERIALS

- High quality LED chips and reliable driver
- Polycarbonate housing and polycarbonate covers
- Supplied with stainless steel clips (304)

ACCESSORIES AVAILABLE

- Can be fitted with batten mounted PIR or inbuilt microwave sensor. Add /SN or /MS after product code.
- Dimmable versions available. (See dimmable options)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- 4000k, 5000k or 3CCT versions available
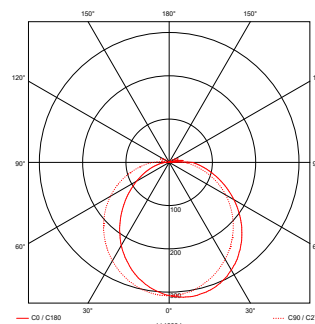- CP65 models supplied with CREE LED and European brand driver

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

3 years and 5 year option

IP RATING

IP65

Tegral Quality Lighting   UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
CP220/5	2ft IP65 colour 5000k	20W	600 x 100 x 73	SMD LED	1900lm	> 95
CP220MC	2ft IP65 3CCT colour 3000/4000/6000k	20W	600 x 100 x 73	SMD LED	1810-1900lm	> 90
CP20/5	4ft IP65 colour 5000k	21W	1200 x 100 x 73	SMD LED	2110lm	> 100
CP20MC	4ft IP65 3CCT colour 3000/4000/6000k	21W	1200 x 100 x 73	SMD LED	1950-2110lm	> 90
CP40/5	4ft IP65 colour 5000k	41W	1200 x 100 x 73	SMD LED	3990lm	> 95
CP40MC	4ft IP65 3CCT colour 3000/4000/6000k	41W	1200 x 100 x 73	SMD LED	3700-3990lm	> 90
CP30/4	5ft IP65 colour 4000k	29W	1500 x 100 x 73	SMD LED	2800lm	> 95
CP30/5	5ft IP65 colour 5000k	29W	1500 x 100 x 73	SMD LED	2900lm	> 100
CP55/4	5ft IP65 colour 4000k	57W	1500 x 100 x 73	SMD LED	5300lm	> 90
CP55/5	5ft IP65 colour 5000k	57W	1500 x 100 x 73	SMD LED	5300lm	> 90
CP55MC	5ft IP65 colour 3000/4000/6000k	57W	1500 x 100 x 73	SMD LED	5150-5300lm	> 90
CP65/4	5ft High Output IP65 colour 4000k	67W	1500 x 100 x 73	SMD LED	8500lm	> 125
CP65/5	5ft High Output IP65 colour 5000k	67W	1500 x 100 x 73	SMD LED	8980lm	> 130

CLEAR DIFFUSER VERSIONS

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
CDCP27/4	5ft IP65 with clear diffuser 4000k	27W	1500 x 100 x73	SMD LED	3710lm	> 145
CDCP45/4	5ft IP65 with clear diffuser 4000k	45W	1500 x 100 x73	SMD LED	6500lm	> 140
CDCP45PW/4	5ft IP65 with clear diffuser 4000k prewired with 3mtrs flex	45W	1500 x 100 x73	SMD LED	6500lm	> 140

CP65/5

CDCP45

Tegral
Quality Lighting

EXTERNAL LIGHTING

EXTERNAL LIGHTING

SATURN WALLPACK

CE | **RoHS** | SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR | **1-10V DIMMABLE** | **DALI DIMMABLE** | **PUSH DIMMABLE** | **TRIAC DIMMABLE**

A range of high quality LED wallpacks, an ideal energy saving replacement for SON or HQI versions. Suitable for use in carparks, garages, parks, yards and walkways.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- Ideal for use in carparks, garages, parks, yards and walkways
- IK08 rated
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Zero maintenance

MATERIALS

- Complete with SMD LED lightsource
- Diecast aluminium housing and polycarbonate diffusers
- Manufactured with CREE chip and European brand control gear for ulitmate performance

ACCESSORIES AVAILABLE

- Can be fitted with inbuilt photocell or microwave sensor. Please add /PC or /MS after product code.
- Dimmable versions available. (See dimmable options)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- 3CCT supplied as standard
- 20W or 50W versions available

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for trailing edge dimmable

WARRANTY

5 years

IP RATING

IP65

AMBHLED

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Typical installation

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
AMBHLEDMC	Wallpack 3CCT 3000/4000/6000k, Black	30W	309 x 275 x 117	SMD LED	3000-3050lm	> 100
AMBHLEDMC/PC	Wallpack 3CCT 3000/4000/6000k, Black and with Photocell	30W	309 x 275 x 117	SMD LED	3000-3050lm	> 100
AMBHLEDGRMC	Wallpack 3CCT 3000/4000/6000k, Grey	30W	309 x 275 x 117	SMD LED	3000-3050lm	> 100
AMBHLEDGRMC/PC	Wallpack 3CCT 3000/4000/6000k, Grey and with Photocell	30W	309 x 275 x 117	SMD LED	3000-3050lm	> 100

AMBHLEDMC

COM LITE FLOODS V1

CE RoHS DALI DIMMABLE PUSH DIMMABLE Com Lite Commercial Lighting

Com Lite V1 models are a range of high end, durable and efficient floodlights designed to be versatile, easy to install and reliable, manufactured only with quality components. They are suitable for large open areas like carparks, yards and external walkways.

KEY FEATURES

- 50,000hr life expectancy
- > 125lm per watt
- CRI > 80
- Ideal for use in carparks, garages, parks, yards and walkways
- IP66 rated
- Large choice of accessories, beam angles and asymmetric lens
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Preflexed for ease of installation
- Suitable for pole and wall mounting
- Zero maintenance

MATERIALS

- Complete with SMD LED lightsource
- High quality heat sink made with aluminium alloy
- Glass diffuser

ACCESSORIES AVAILABLE

- Asymetric lens available for different beam angles
- Various beam angles available
- Various pole mounting brackets available

ADDITIONAL INFORMATION

- 6000k and 4000k available
- Working temperature -30 to +50 degrees

DIMMABLE OPTIONS

- /DD for DSI digital dimmable (on selected models)
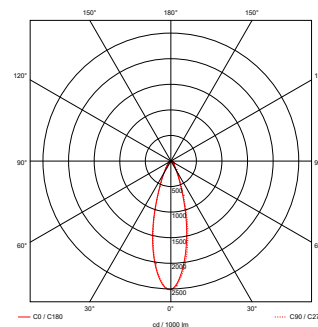- /DL for Dali and switch dimmable (on selected models)

WARRANTY

5 years

IP RATING

IP66

DFL200 wide beam   DFL200 with DFL200LENS60

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
DFL30/4	Black high powered flood 4000k	30W	300 x 240 x 69	SMD LED	4050lm	> 135
DFL30/6	Black high powered flood 6000k	30W	300 x 240 x 69	SMD LED	4050lm	> 135
DFL50/4	Black high powered flood 4000k	50W	300 x 240 x 69	SMD LED	6250lm	> 125
DFL50/6	Black high powered flood 6000k	50W	300 x 240 x 69	SMD LED	6250lm	> 125
DFL100/4	Black high powered flood 4000k	100W	335 x 295 x 71	SMD LED	12500lm	> 125
DFL100/6	Black high powered flood 6000k	100W	335 x 295 x 71	SMD LED	12500lm	> 125
DFL150/4	Black high powered flood 4000k	150W	375 x 320 x 75	SMD LED	18750lm	> 125
DFL150/6	Black high powered flood 6000k	150W	375 x 320 x 75	SMD LED	18750lm	> 125
DFL200/4	Black high powered flood 4000k	200W	400 x 345 x 78	SMD LED	25000lm	> 125
DFL200/6	Black high powered flood 6000k	200W	400 x 345 x 78	SMD LED	25000lm	> 125
DFL300/4	Black high powered flood 4000k	300W	464 x 410 x 83	SMD LED	37500lm	> 125
DFL300/6	Black high powered flood 6000k	300W	464 x 410 x 83	SMD LED	37500lm	> 125

ACCESSORIES

DFLADPT/42	Pole mounting adaptor for 42mm poles
DFLADPT/60	Pole mounting adaptor for 60mm poles
DFLADPT/76	Pole mounting adaptor for 76mm poles
DFLCLAMP	Pole mounting clamp

• Asymetric Type 1, 2 and 3 lens available
• 15/30/60/90 degree lens available

Type 1

Type 2

Type 3

Clamp installation

Pole mounting adaptor

Tegral
Quality Lighting

COM LITE FLOODS V2

Com Lite V2 floodlights are a range of stylish wall mounted, highly efficient floodlights suitable for carparks, domestic use, yards and warkways.

KEY FEATURES

- 25,000hr life expectancy
- > 100lm per watt
- CRI > 80
- Ideal for use in carparks, domestic use, yards and walkways
- IP65 rated
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Preflexed for ease of installation
- Zero maintenance

MATERIALS

- Complete with SMD LED lightsource
- Diecast aluminium body and glass diffuser

ADDITIONAL INFORMATION

- 4000k and 6000k available
- Working temperature -20 to +40 degrees

WARRANTY

3 years

IP RATING

IP65

SDCF200

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
SDCF10/4	Black floodlight 4000k	10W	108 x 101 x 38	SMD LED	1100lm	> 100
SDCF10/6	Black floodlight 6000k	10W	108 x 101 x 38	SMD LED	1100lm	> 100
SDCF30/4	Black floodlight 4000k	30W	143 x 117 x 67	SMD LED	3050lm	> 100
SDCF30WH/4	White floodlight 4000k	30W	143 x 117 x 67	SMD LED	3050lm	> 100
SDCF30/6	Black floodlight 6000k	30W	143 x 117 x 67	SMD LED	3050lm	> 100
SDCF50/4	Black floodlight 4000k	50W	191 x 117 x 67	SMD LED	5500lm	> 100
SDCF50WH/4	White floodlight 4000k	50W	191 x 117 x 67	SMD LED	5500lm	> 100
SDCF50/6	Black floodlight 6000k	50W	191 x 117 x 67	SMD LED	5500lm	> 100
SDCF100/4	Black floodlight 4000k	100W	262 x 206 x 74	SMD LED	11600lm	> 100
SDCF100/6	Black floodlight 6000k	100W	262 x 206 x 74	SMD LED	11600lm	> 100
SDCF150/4	Black floodlight 4000k	150W	342 x 275 x 51	SMD LED	15100lm	> 100
SDCF150/6	Black floodlight 6000k	150W	342 x 275 x 51	SMD LED	15100lm	> 100
SDCF200/4	Black floodlight 4000k	200W	289 x 299 x 51	SMD LED	21000lm	> 100
SDCF200/6	Black floodlight 6000k	200W	289 x 299 x 51	SMD LED	2w1000lm	> 100

30W

50W

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

153

Tegral
Quality Lighting

COM LITE STADIUM FLOODS

CE RoHS 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE Com Lite Commercial Lighting

High powered lighting with asymetrical beam angle suitable for large areas like football pitches, stadiums, tennis courts etc

KEY FEATURES

- 50,000hr life expectancy
- > 135lm per watt
- Built in 10kv surge protection
- Choice of beam angles
- CRI > 80
- IP66 rated
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Remote gearbox for easy of wiring
- Zero maintenance

MATERIALS

- Aluminium alloy
- Diecast aluminium body and glass diffuser
- Branded LED chip
- Inventronics driver
- Tempered glass

ACCESSORIES AVAILABLE

- Asymmetric lens available for different beam angles
- Various pole mounting brackets available

ADDITIONAL INFORMATION

- 5000k supplied as standard but 4000k and 6000k available on special order
- Working temperature -30 to +50 degrees

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable (on selected models)
- /DL for Dali and switch dimmable (on selected models)

WARRANTY

5 years

IP RATING

IP66

DFL600/5

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
DFL600/5	600W high powered stadium light 6000k	565W	406 x 404 x 432	SMD LED	79640lm	> 135

ACCESSORIES	DESCRIPTION
DFL600/VIS	Visor for DFL600
DFL600/LENS10	10 degree lens
DFL600/LENS15	15 degree lens
DFL600/LENS30	30 degree lens

Remote gearbox

Side profile

Back profile

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

155

Tegral
Quality Lighting

COM LITE MINI POLYCARBONATE FLOODS

A range of low power polycarbonate floodlights suitable for residential installations.

KEY FEATURES

- 25,000hr life expectancy
- CRI > 80
- Ideal for use in gardens, yards and walkways
- IP65 rated
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Sensor versions are fully adjustable from 10 secs up to 5 mins max
- Sensor versions have a detection distance of 5 to 12mtrs with 180 degrees detection
- Zero maintenance

MATERIALS

- Complete with SMD lightsource
- Polycarbonate body and diffuser

ADDITIONAL INFORMATION

- 4000k supplied as standard

WARRANTY

3 years

IP RATING

IP65

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
FL10BKPIR4	Polycarbonate floodlight with PIR Black 4000k	10W	179 x 127 x 143	SMD LED	750lm	> 75
FL10WHPIR4	Polycarbonate floodlight with PIR White 4000k	10W	179 x 127 x 143	SMD LED	750lm	> 75
FL10BK4	Polycarbonate floodlight Black 4000k	10W	179 x 127 x 143	SMD LED	750lm	> 75
FL10WH4	Polycarbonate floodlight White 4000k	10W	179 x 127 x 143	SMD LED	750lm	> 75

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

157

Tegral Quality Lighting

COM LITE STREETLIGHTS SL MODELS

CE RoHS DALI DIMMABLE PUSH DIMMABLE Com Lite Commercial Lighting

High performance, slimline and ultra efficient streetlights ideal for any residential areas or roadways. Built with longevity in mind these streetlights are truly maintainance free.

KEY FEATURES

- > 50,000hrs life expectancy
- CRI > 80
- IK08 rated
- Ideal for use in carparks, housing estates, parks, roadways, yards and walkways
- IP66 rated
- Large choice of accessories
- L80B20 > 114,000hrs @ Ta25 degrees
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Preflexed for ease of installation
- Suitable for pole and wall mounting
- Zero maintenance

MATERIALS

- Aluminium Alloy body and polycarbonate lens
- High quality Nicha LED chip

ADDITIONAL INFORMATION

- 3500k supplied as standard, 4000k-6000k available on special order
- Suitable for 60mm outreach, but accessories available for different pole sizes
- Supplied with blank photocell as standard, Nema head available as optional extra
- Working temperature -30 to +50 degrees

DIMMABLE OPTIONS

- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable

WARRANTY

5 years

IP RATING

IP66

SL50/35

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
SL30/35	Grey high powered streetlight 3500k	30W	478 x 166 x 141	SMD LED	3600lm	> 115
SL50/35	Grey high powered streetlight 3500k	50W	478 x 166 x 141	SMD LED	5800lm	> 115
SL90/35	Grey high powered streetlight 3500k	90W	507 x 203 x 87	SMD LED	12150lm	> 125
SL150/35	Grey high powered streetlight 3500k	150W	507 x 203 x 87	SMD LED	19500lm	> 125

ACCESSORIES	DESCRIPTION
SL/BK	Photocell blanking cap
SL/PC	10amp photocell nema head
SLWBK	60mm flat wall mounting bracket
SLTBK	60mm twin T shape mounting bracket
SLCBK	60mm Corner wall mounting bracket
SLLBK	60mm L shape pole extension bracket

SLCBK

SLWBK

SLLBK

SLTBK

SLTBK installed

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

159

Tegral
Quality Lighting

COM LITE POST TOP

CE RoHS ⏚ **DALI** DIMMABLE **PUSH** DIMMABLE **Com Lite** Commercial Lighting

High performance, ultra efficient post top ideal for any residential areas or roadways. Built with longevity in mind these streetlights are truly maintainance free.

KEY FEATURES

- \> 50,000hrs life expectancy
- CRI > 80
- IK08 rated
- Ideal for use in carparks, housing estates, parks, roadways, yards and walkways
- IP66 rated
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Preflexed for ease of installation
- Zero maintenance

MATERIALS

- Diecast aluminium body and polycarbonate diffuser
- High output led chip used
- Reliable inbuilt driver

ADDITIONAL INFORMATION

- 3500k supplied as standard, 4000k-6000k available on special order
- Suitable for 60mm poles but adaptors available for other sizes
- Working temperature -30 to +50 degrees

DIMMABLE OPTIONS

- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable

WARRANTY

5 years

IP RATING

IP66

PT60/35

PT100/35

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Typical installation

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS Dia x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
PT60/35	Charcoal 60W post top 3500k	60W	420 x 390	SMD LED	7200lm	> 115
PT100/35	Black 100W post top 3500k	100W	450 x 526	SMD LED	12000lm	> 115

ACCESSORIES	DESCRIPTION
ADPT76	76mm pole adaptor
PC	Photocell control option

60W

100W

Tegral
Quality Lighting

COM LITE BOLLARD

CE RoHS ⏚ DALI DIMMABLE PUSH DIMMABLE Com Lite Commercial Lighting

A high quality heavy duty bollard light, made from high quality components for durability and reliability. These highly efficient luminaires are ideal for lighting walkways and are an aesthetically pleasing solution for any installation.

KEY FEATURES

- 40,000hr life expectancy
- CRI > 80
- Dimmable versions available (see dimmable options)
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Zero maintenance

MATERIALS

- Diecast aluminium body and polycarbonate diffuser
- High output led chip used
- Reliable inbuilt driver

ADDITIONAL INFORMATION

- 3500k supplied as standard
- Emergency versions available. Add M3 after product code.

DIMMABLE OPTIONS

- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable

WARRANTY

5 years

IP RATING

IP65

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
B80012/35	Decorative charcoal bollard light 12W 3500k	12W	SMD LED	770lm	> 60

TEGRAL UP/DOWN EXTERIOR WALL LIGHT

CE RoHS

A range of highly efficient and decorative wall LED fixtures. They are suitable for general lighting in apartment blocks, retail and commercial applications.

KEY FEATURES

- 4000k supplied as standard
- 50,000hr life expectancy
- 60 degree beam angle as standard (15 degrees available upon request)
- CRI > 80
- IP65 rated
- Manufactured with quality materials and European brand driver
- PF > 0.90
- Supplied in RAL7040 grey as standard
- Zero maintenance

WARRANTY

5 years

IP RATING

IP65

MATERIALS

- Complete with COB LED lightsource
- Die cast Aluminium with tempered glass diffuser

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
WL30UDGR/4	Up/down wall light 4000k	25W	230 x 100 x 145	COB LED	2300lm	> 90

COM LITE LANTERN

A high quality heavy duty wall light, made from high quality components for durability and reliability. These highly efficient luminaires are ideal for lighting walkways and for exterior wall lighting on a domestic dwelling.

KEY FEATURES

- 40,000hr life expectancy
- CRI > 80
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Zero maintenance

WARRANTY

3 years

IP RATING

IP65

MATERIALS

- Diecast aluminium body and polycarbonate diffuser
- High output led chip used
- Reliable inbuilt driver

ADDITIONAL INFORMATION

- 3500k supplied as standard

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
WL8W/35	Decorative charcoal lantern light 8W 3500k	8W	SMD LED	520lm	> 60

COM LITE WALL LIGHTS

A range of low power, polycarbonate decorative exterior wall lights.

KEY FEATURES

- 30,000hr life expectancy
- CRI > 80
- IP54 rated
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Sensors are fully adjustable up to 5mins max
- Sensors have detection distance of 9mtrs and 140 degree detection
- Zero maintenance

MATERIALS

- High output led chip used
- Reliable inbuilt driver
- Manufactured with polycarbonate for durabilty

ADDITIONAL INFORMATION

- 4000k supplied as standard

WARRANTY

3 years

IP RATING

IP54

Installation height: 1.8-2.5m

Detection range: Max.9m

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
WL10BKPIR4	Decorative black wall light 10W 4000k	10W	SMD LED	800lm	> 80
WL10WHPIR4	Decorative white wall light 10W 4000k	10W	SMD LED	800lm	> 80

UK: salesuk@tegral-lighting.com 01279 46188

BULKHEADS

ORBIT ONE

CE RoHS SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE TRIAC DIMMABLE

A range of highly efficient ceiling or wall mounted traditional style bulkheads. Suitable for use in apartment blocks, bathrooms, bedrooms, carehomes, corridors, hotels, stairwells and all commercial or domestic applications.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- IP54 Rated
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Zero maintenance

MATERIALS

- European branded driver
- ABS base & polycarbonate diffuser
- Silicon gasket seal, moisture & dustproof up to IP54

ACCESSORIES AVAILABLE

- Can be fitted with inbuilt microwave sensor, please add /MS on end of product code
- Can be fitted with inbuilt corridor function, please add /CF on end of product code
- Chrome ring available please order separately under ref CR/RING
- Dimmable versions available. (See dimmable options)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency
- Night Light available. Please add NL to end of product code.

ADDITIONAL INFORMATION

- Comes with BESA box knockouts on base
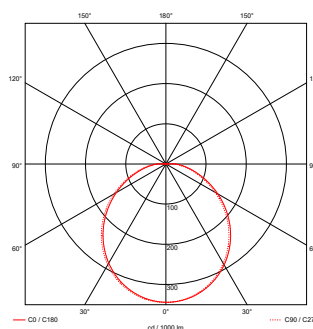- Complete with hinged geartray for easy installation

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for leading/trailing edge dimmable

WARRANTY

5 years

IP RATING

IP54

Orbit One

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Typical installation

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE Dia x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
C14WLED/84	Circular white bulkhead 4000k	13W	320 x 90	SMD LED	990lm	> 75
C14WLED/MC	Circular white bulkhead 3CCT 3000/4000/6000K	13W	320 x 90	SMD LED	990lm	> 75
C20WLED/84	Circular white bulkhead 4000k	18W	320 x 90	SMD LED	1400lm	> 75
C20WLED/MC	Circular white bulkhead 3CCT 3000/4000/6000K	18W	320 x 90	SMD LED	1400lm	> 75

CR/RING

ORBIT TWO

CE RoHS SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR ⏚ 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE TRIAC DIMMABLE

A range of highly efficient ceiling or wall mounted traditional style bulkheads. Suitable for use in apartment blocks, bathrooms, bedrooms, carehomes, corridors, hotels, stairwells and all commercial or domestic applications.

STBH12WH/84

CTBH18WH

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- IP66 Rated
- IK10 Rated
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Zero maintenance

MATERIALS

- European branded driver
- Polycarbonate base & polycarbonate diffuser
- Silicon gasket seal, moisture & dustproof up to IP66

ACCESSORIES AVAILABLE

- Can be fitted with inbuilt corridor function, please add /CF on end of product code
- Can be fitted with inbuilt photocell or microwave sensor. Please add /PC or /MS to end of product code
- Dimmable versions available. (See dimmable options)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.
- Night Light available. Please add NL to end of product code.

ADDITIONAL INFORMATION

- Come with wall/ceiling mounting stainless steel brackets for quick installation
- Complete with hinged geartray for easy installation
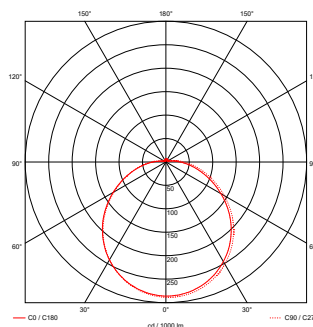- Side cable entry with 16mm gland

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for leading/trailing edge dimmable

WARRANTY

5 years

IP RATING

IP66

Orbit Two

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

PRODUCT CODE CIRCULAR	DESCRIPTION	WATTAGE (W)	SIZE Dia x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
CTBH12BK/83	Circular black bulkhead 3000k	12W	300 x 100	SMD LED	1040lm	> 85
CTBH12BK/84	Circular black bulkhead 4000k	12W	300 x 100	SMD LED	1040lm	> 85
CTBH12WH/83	Circular white bulkhead 3000k	12W	300 x 100	SMD LED	1040lm	> 85
CTBH12WH/84	Circular white bulkhead 4000k	12W	300 x 100	SMD LED	1040lm	> 85
CTBH18BK/83	Circular black bulkhead 3000k	18W	350 x 120	SMD LED	1460lm	> 80
CTBH18BK/84	Circular black bulkhead 4000k	18W	350 x 120	SMD LED	1460lm	> 80
CTBH18WH/83	Circular white bulkhead 3000k	18W	350 x 120	SMD LED	1460lm	> 80
CTBH18WH/84	Circular white bulkhead 4000k	18W	350 x 120	SMD LED	1460lm	> 80
CTBH24BK/83	Circular black bulkhead 3000k	24W	400 x 120	SMD LED	2085lm	> 85
CTBH24BK/84	Circular black bulkhead 4000k	24W	400 x 120	SMD LED	2085lm	> 85
CTBH24WH/83	Circular white bulkhead 3000k	24W	400 x 120	SMD LED	2085lm	> 85
CTBH24WH/84	Circular white bulkhead 4000k	24W	400 x 120	SMD LED	2085lm	> 85
CTEL12BK/84	Circular black eyelid 4000k	12W	350 x 120	SMD LED	950lm	> 75

PRODUCT CODE OVAL	DESCRIPTION	WATTAGE (W)	SIZE Dia x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
OTBH10BK/84	Oval Black bulkhead 4000k	10W	300 x 100	SMD LED	950lm	> 90
OTBH10WH/84	Oval White bulkhead 4000k	10W	300 x 100	SMD LED	950lm	> 90

PRODUCT CODE SQUARE	DESCRIPTION	WATTAGE (W)	SIZE Dia x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
STBH12BK/84	Square Black bulkhead 4000k	12W	290 x 100	SMD LED	950lm	> 75
STBH12WH/84	Square White bulkhead 4000k	12W	290 x 100	SMD LED	950lm	> 75

CTEL12BK/84

OTBH landscape

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

171

Tegral Quality Lighting

ORBIT THREE

CE | RoHS | SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR | | 1-10V DIMMABLE | DALI DIMMABLE | PUSH DIMMABLE | TRIAC DIMMABLE

A range of highly efficient and robust LED ceiling or wall mounted circular bulkheads suitable for indoor and outdoor use. Suitable for use in apartment blocks, carparks and exterior wall areas.

KEY FEATURES

- 50,000hr life expectancy
- CRI > 80
- IP65 Rated
- IK10 Rated
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Zero maintenance

MATERIALS

- European branded driver
- Diecast base & polycarbonate diffuser
- Silicon gasket seal, moisture & dustproof up to IP65

ACCESSORIES AVAILABLE

- Can be fitted with Photocell or microwave sensor. Please add /PC or /MS to end of product code
- Dimmable versions available (See dimmable options)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.

ADDITIONAL INFORMATION

- 4000k supplied as standard but 3CCT versions also available, just add MC to end of product code
- Conduit entry knockouts at top and bottom
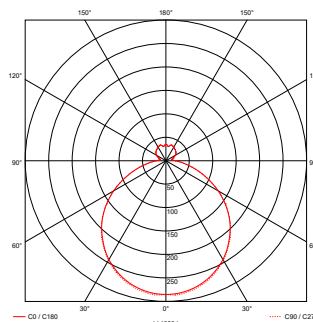- Supplied with tamperproof screws

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
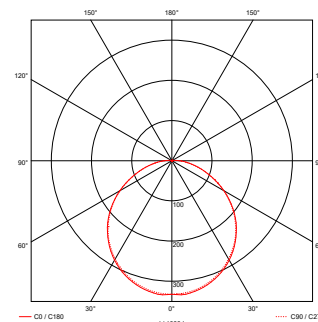- /TD for leading/trailing edge dimmable

WARRANTY

5 years

IP RATING

IP65

Orbit Three

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Typical installation

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE Dia x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
DBH20BK	Circular black diecast bulkhead, open lens 4000k	18W	360 x 90	SMD LED	1440lm	> 80
DBH20GR	Circular grey diecast bulkhead, open lens 4000k	18W	360 x 90	SMD LED	1440lm	> 80
DBH30BK	Circular black diecast bulkhead, open lens 4000k	26W	360 x 90	SMD LED	1980lm	> 75
DBH30GR	Circular grey diecast bulkhead, open lens 4000k	26W	360 x 90	SMD LED	1980lm	> 75
DEL20BK	Circular black diecast eyelid, 4000k	18W	360 x 90	SMD LED	1440lm	> 80
DEL20GR	Circular grey diecast eyelid, 4000k	18W	360 x 90	SMD LED	1440lm	> 80
DEL30BK	Circular black diecast eyelid, 4000k	26W	360 x 90	SMD LED	1980lm	> 75
DEL30GR	Circular grey diecast eyelid, 4000k	26W	360 x 90	SMD LED	1980lm	> 75

Circular black
diecast eyelid

Circular black
open lens

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

173

Tegral
Quality Lighting

ORBIT FOUR C MODELS

CE RoHS SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE TRIAC DIMMABLE

A range of extremely efficient ceiling or wall mounted bulkheads suitable for indoor use. The C models offer ultimate energy savings and longevity for any refurbishment or upgrade to LED. Suitable for use in apartment blocks, carehomes, corridors, hotels, schools and stairwells.

C390WB/84

KEY FEATURES

- CRI > 80
- IP40 Rated
- IK10 Rated
- L80 B10 @ > 54,000hrs
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Zero maintenance

MATERIALS

- European branded driver and CREE led chips
- Polycarbonate base and diffuser for strength

ACCESSORIES AVAILABLE

- Can be supplied with inbuilt microwave sensor (add MS to end of product code) or corridor function (add CF)
- Dimmable versions available (See dimmable options)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.
- Chrome or satin chrome rings available as optional extra
- Night light option available

ADDITIONAL INFORMATION

- 3000k, 4000k or 6000k available
- Comes with BESA box knockouts on base

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for leading/trailing edge dimmable

WARRANTY

5 years

IP RATING

IP40

C420CB

C420WB

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE Dia x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
C390CB/84	Circular bulkhead clear base for halo effect 4000k	18W	435 x 110	SMD LED	2250lm	> 125
C390CB/MC	Circular bulkhead clear base for halo effect 3CCT 3000/4000/6000k	18W	435 x 110	SMD LED	2250lm	> 125
C390WB/84	Circular bulkhead white base 4000k	18W	435 x 110	SMD LED	2030lm	> 110
C390WB/MC	Circular bulkhead white base 3CCT 3000/4000/6000k	18W	435 x 110	SMD LED	2030lm	> 110
C420CB/84	Circular bulkhead clear base for halo effect 4000k	30W	470 x 110	SMD LED	3910lm	> 125
C420CB/MC	Circular bulkhead clear base for halo effect 3CCT 3000/4000/6000k	30W	470 x 110	SMD LED	3910lm	> 125
C420WB/84	Circular bulkhead white base 4000k	30W	470 x 110	SMD LED	3480lm	> 110
C420WB/MC	Circular bulkhead white base 3CCT 3000/4000/6000k	30W	470 x 110	SMD LED	3480lm	> 110

ACCESSORIES	DESCRIPTION
C390/PCR	Polished chrome ring for C390 models
C390/SCR	Satin chrome ring for C390 models
C420/PCR	Polished chrome ring for C420 models
C420/SCR	Satin chrome ring for C420 models

C420CB/84

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

175

ORBIT FOUR CWL MODELS

CE | RoHS | SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR | 1-10V DIMMABLE | DALI DIMMABLE | PUSH DIMMABLE | TRIAC DIMMABLE

A range of highly efficient and decorative ceiling or wall mounted bulkheads. Suitable for use in apartment blocks, carehomes, corridors, hotels, schools and stairwells.

KEY FEATURES

- CRI > 80
- IP44 Rated
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Zero maintenance

MATERIALS

- European branded driver
- Glass diffuser and sheet metal housing

ACCESSORIES AVAILABLE

- Can be supplied with inbuilt microwave sensor (add /MS to end of product code) or corridor function (add /CF)
- Dimmable versions available. (See dimmable options)

ADDITIONAL INFORMATION

- 3000k, 4000k or 6000k available

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for leading/trailing edge dimmable

WARRANTY

5 years

IP RATING

IP44

Tegral Quality Lighting | UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Typical installation

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE Dia x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
CWL12WLED/83	Circular satin chrome light 3000k	12W	410 x 90	SMD LED	1100lm	> 85
CWL12WLED/84	Circular satin chrome light 4000k	12W	410 x 90	SMD LED	1120lm	> 85
CWL12WLED/86	Circular satin chrome light 6000k	12W	410 x 90	SMD LED	1150lm	> 85
CWL20WLED/83	Circular satin chrome light 3000k	20W	410 x 90	SMD LED	1700lm	> 85
CWL20WLED/84	Circular satin chrome light 4000k	20W	390 x 100	SMD LED	1720lm	> 85
CWL20WLED/86	Circular satin chrome light 6000k	20W	390 x 100	SMD LED	1750lm	> 85
CWL30WLED/83	Circular satin chrome light 3000k	30W	420 x 100	SMD LED	2550lm	> 85
CWL30WLED/84	Circular satin chrome light 4000k	30W	420 x 100	SMD LED	2580lm	> 85
CWL30WLED/86	Circular satin chrome light 6000k	30W	420 x 100	SMD LED	2600lm	> 85

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

177

Tegral
Quality Lighting

ORBIT FOUR SC MODELS

CE RoHS SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR 1-10V DIMMABLE DALI DIMMABLE PUSH DIMMABLE TRIAC DIMMABLE

A range of efficient and decorative ceiling or wall mounted bulkheads. Suitable for use in apartment blocks, carehomes, corridors, hotels, schools and stairwells.

KEY FEATURES

- CRI > 80
- IP44 Rated
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Zero maintenance

MATERIALS

- European branded driver
- Pmma opal diffuser

ACCESSORIES AVAILABLE

- Can be supplied with inbuilt microwave sensor (add /MS to end of product code) or corridor function (add /CF)
- Dimmable versions available. (See dimmable options)

ADDITIONAL INFORMATION

- 3000k, 4000k or 6000k available

DIMMABLE OPTIONS

- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for leading/trailing edge dimmable

WARRANTY

5 years

IP RATING

IP44

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE Dia x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
SC340/12WSC/83	Circular bulkhead with satin chrome band 3000k	12W	340 x 100	SMD LED	1100lm	> 85
SC340/12WSC/84	Circular bulkhead with satin chrome band 4000k	12W	340 x 100	SMD LED	1120lm	> 85
SC340/12WSC/86	Circular bulkhead with satin chrome band 6000k	12W	340 x 100	SMD LED	1150lm	> 85
SC340/20WSC/83	Circular bulkhead with satin chrome band 3000k	20W	340 x 100	SMD LED	1700lm	> 85
SC340/20WSC/84	Circular bulkhead with satin chrome band 4000k	20W	340 x 100	SMD LED	1720lm	> 85
SC340/20WSC/86	Circular bulkhead with satin chrome band 6000k	20W	340 x 100	SMD LED	1750lm	> 85
SC400/30WSC/83	Circular bulkhead with satin chrome band 3000k	30W	400 x 100	SMD LED	2550lm	> 85
SC400/30WSC/84	Circular bulkhead with satin chrome band 4000k	30W	400 x 100	SMD LED	2580lm	> 85
SC400/30WSC/86	Circular bulkhead with satin chrome band 6000k	30W	400 x 100	SMD LED	2600lm	> 85

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

179

COM LITE BULKHEADS BH RANGE

CE | RoHS | 1-10V DIMMABLE | DALI DIMMABLE | PUSH DIMMABLE | TRIAC DIMMABLE | **Com Lite** Commercial Lighting

A range of highly efficient ceiling or wall mounted traditional style bulkheads. Suitable for use in apartment blocks, bathrooms, bedrooms, carehomes, corridors, hotels, stairwells and all commercial or domestic applications.

KEY FEATURES

- 40,000hr life expectancy
- CRI > 80
- IP54 Rated
- Manufactured with quality materials
- PF > 0.90
- Zero maintenance

MATERIALS

- ABS base and polycarbonate diffuser
- Silicon gasket seal, moisture & dustproof up to IP54

ACCESSORIES AVAILABLE

- Can be fitted with inbuilt microwave sensor, please add /MS on end of product code
- Can be fitted with inbuilt corridor function, please add /CF on end of product code
- Chrome ring available please order separately under ref CR/RING
- Dimmable versions available. (See dimmable options)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency
- Night Light available. Please add NL to end of product code.

ADDITIONAL INFORMATION

- Comes with BESA box knockouts on base
- Complete with hinged geartray for easy installation

DIMMABLE OPTIONS

- /D for 1-10v dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable
- /TD for leading/trailing edge dimmable

WARRANTY

3 years

IP RATING

IP54

CR/RING

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE Dia x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
BH15/4	Circular white bulkhead 4000k	15W	320 x 90	SMD LED	990lm	> 65

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

COM LITE BULKHEADS CD RANGE

The CD range of bulkheads are a range of curved, stylish and highly efficient circular bulkheads supplied triac dimmable as standard. Available in a range of sizes and colours, they are suitable for use in corridors, stairwells and other commercial and retail applications.

KEY FEATURES

- 40,000hr life expectancy
- CRI > 80
- Easy installation with backplate
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Triac dimmable as standard
- Zero maintenance

MATERIALS

- High output led chip used
- Reliable inbuilt driver
- Durable polycarbonate base and cover

ADDITIONAL INFORMATION

- 3000k or 4000k supplied as standard

WARRANTY

3 years

IP RATING

IP40

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE Dia x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
CD12WLED3	Surface bulkhead triac dimmable 3000k	12W	250 x 48	SMD LED	1150lm	> 95
CD12WLED4	Surface bulkhead triac dimmable 4000k	12W	250 x 48	SMD LED	1220lm	> 100
CD18WLED3	Surface bulkhead triac dimmable 3000k	18W	300 x 48	SMD LED	1770lm	> 95
CD18WLED4	Surface bulkhead triac dimmable 4000k	18W	300 x 48	SMD LED	1850lm	> 100
CD25WLED3	Surface bulkhead triac dimmable 3000k	25W	400 x 63	SMD LED	2450lm	> 95
CD25WLED4	Surface bulkhead triac dimmable 4000k	25W	400 x 63	SMD LED	2570lm	> 100

COM LITE BULKHEADS CE RANGE

The CE range of bulkheads are a range of extremely slimline, stylish and highly efficient circular bulkheads supplied triac dimmable as standard. Available in a range of sizes and colours, they are suitable for use in corridors, stairwells and other commercial and retail applications.

KEY FEATURES

- 40,000hr life expectancy
- CRI > 80
- Easy installation with backplate
- IK10 rated
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Triac dimmable as standard (except for sensor versions)
- Zero maintenance

MATERIALS

- High output led chip used
- Reliable inbuilt driver
- Durable polycarbonate base and cover

ACCESSORIES AVAILABLE

- Emergency versions available, please add /M3 on product code
- Microwave sensor versions available, please add /MS on product code
- Satin chrome trim available for 18W and 25W versions

ADDITIONAL INFORMATION

- 3000k or 4000k supplied as standard

WARRANTY

3 years and optional 5 years

IP RATING

IP54

CE Range

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE Dia x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
CE12WLED3	Surface bulkhead triac dimmable 3000k	12W	200 x 48	SMD LED	1180lm	> 95
CE12WLED4	Surface bulkhead triac dimmable 4000k	12W	200 x 48	SMD LED	1245lm	> 100
CE18WLED3	Surface bulkhead triac dimmable 3000k	18W	300 x 40	SMD LED	1770lm	> 95
CE18WLED4	Surface bulkhead triac dimmable 4000k	18W	300 x 40	SMD LED	1800lm	> 100
CE20WLED3CF	3000k and adjustable sensor with corridor function option	20W	300 x 40	SMD LED	1950lm	> 95
CE20WLED4CF	4000k and adjustable sensor with corridor function option	20W	300 x 40	SMD LED	2050lm	> 100
CE25WLED3	Surface bulkhead triac dimmable 3000k	25W	300 x 40	SMD LED	2450lm	> 95
CE25WLED4	Surface bulkhead triac dimmable 4000k	25W	300 x 40	SMD LED	2570lm	> 100
CE30WLED3	Surface bulkhead triac dimmable 3000k	30W	400 x 52	SMD LED	2850lm	> 95
CE30WLED4	Surface bulkhead triac dimmable 4000k	30W	400 x 52	SMD LED	3000lm	> 100

ACCESSORIES

CE18/CRRING	Brushed chrome ring for CE18 and CE25 models
CE18/CRRINGM3	Brushed chrome ring for emergency versions of CE18 and CE25

CE model with satin chrome ring

Back of CE20WLED4CF

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

183

COM LITE BULKHEADS SE RANGE

A range of slimline dimmable square bulkheads suitable for use in corridors, stairwells and commercial applications.

KEY FEATURES

- 40,000hr life expectancy
- CRI > 80
- Easy installation with backplate
- IK10 rated
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Triac dimmable as standard
- Zero maintenance

MATERIALS

- High output led chip used
- Reliable inbuilt driver
- Durable polycarbonate base and cover

ACCESSORIES AVAILABLE

- Emergency versions available, please add /M3 on product code

ADDITIONAL INFORMATION

- 3000k or 4000k supplied as standard

WARRANTY

3 years and optional 5 years

IP RATING

IP54

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
SE12WLED3	Surface bulkhead triac dimmable 3000k	12W	250 x 250 x 50	SMD LED	1140lm	> 95
SE12WLED4	Surface bulkhead triac dimmable 4000k	12W	250 x 250 x 50	SMD LED	1210lm	> 100
SE18WLED3	Surface bulkhead triac dimmable 3000k	18W	300 x 300 x 50	SMD LED	1710lm	> 95
SE18WLED4	Surface bulkhead triac dimmable 4000k	18W	300 x 300 x 50	SMD LED	1820lm	> 100
SE30WLED3	Surface bulkhead triac dimmable 3000k	30W	400 x 400 x 50	SMD LED	2850lm	> 95
SE30WLED4	Surface bulkhead triac dimmable 4000k	30W	400 x 400 x 50	SMD LED	3000lm	> 100

COM LITE BULKHEADS CLB RANGE

CE RoHS Com Lite Commercial Lighting

The CLB range of bulkheads are a range of economy, low priced stylish circular bulkheads. Available in a range of sizes and colours, they are suitable for use in domestic applications.

KEY FEATURES

- 25,000hr life expectancy
- CRI > 80
- Extremely competively priced
- Manufactured with quality materials and reliable driver
- Zero maintenance

MATERIALS

- Metal base and acrylic diffusers

WARRANTY

3 years

IP RATING

IP20

CLBH20

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	SIZE Dia x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
CLBH13/4	Circular bulkhead 4000k	13W	230 x 100	SMD LED	1000lm	> 75
CLBH17/3	Circular bulkhead 3000k	17W	350 x 100	SMD LED	1220lm	> 70
CLBH20/4	Circular bulkhead 4000k	20W	290 x 65	SMD LED	1600lm	> 75
CLBH25/4	Circular bulkhead 4000k	25W	350 x 100	SMD LED	1750lm	> 70

UK: salesuk@tegral-lighting.com 01279 461884

COM LITE BULKHEADS SLIM BH AND CBH

A range of low profile black or white bulkheads suitable for domestic applications.

BH15BKPIR/4

CBH15WHPIR/4

KEY FEATURES

- 30,000hr life expectancy
- CRI > 80
- Manufactured with quality materials and reliable driver
- PF > 0.90
- Sensor versions are fully adjustable up to 5mins max
- Sensor versions have detection distance of 9mtrs and 140 degree detection
- Zero maintenance

MATERIALS

- High output led chip used
- Reliable inbuilt driver
- Durable polycarbonate base and cover

ADDITIONAL INFORMATION

4000k supplied as standard

WARRANTY

3 years

IP RATING

IP54

PRODUCT CODE RECTANGULAR	DESCRIPTION	WATTAGE (W)	SIZE L x W x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
BH15WB/4	Rectangular bulkhead 15W 4000k with Black and White trims	15W	212 x 45 x 120	SMD LED	1100lm	> 70
BH15BKPIR/4	Rectangular bulkhead 15W 4000k Black trim and inbuilt PIR	15W	212 x 45 x 120	SMD LED	1100lm	> 70
BH15WHPIR/4	Rectangular bulkhead 15W 4000k White trim and inbuilt PIR	15W	212 x 45 x 120	SMD LED	1100lm	> 70

PRODUCT CODE CIRCULAR	DESCRIPTION	WATTAGE (W)	SIZE Dia x W (mm)	LIGHT SOURCE	NET LUMEN OUTPUT	LUMEN PER CIRCUIT WATT
CBH15WB/4	Circular bulkhead 15W 4000k with Black and White trims	15W	210 x 49	SMD LED	1100lm	> 70
CBH15BKPIR/4	Circular bulkhead 15W 4000k Black trim and inbuilt PIR	15W	210 x 49	SMD LED	1100lm	> 70
CBH15WHPIR/4	Circular bulkhead 15W 4000k White trim and inbuilt PIR	15W	210 x 49	SMD LED	1100lm	> 70

CBH15BKPIR/4

CBH15WB/4

BH15WB/4

BH15WHPIR/4

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Tegral
Quality Lighting

187

EMERGENCY

HEXITLED

CE RoHS ⬜ **Com Lite** Commercial Lighting

A versatile 4 in 1 emergency bladelight. This blade light comes with all relevant accessories so it can be suspended, recessed, side mounted or wall mounted.

ADDITIONAL INFORMATION

- Supplied with down arrow as standard
- Switchable maintained/non-maintained
- LED 6000k lightsource
- Supplied with 1m adjustable suspension
- 3 hour emergency
- Can be wall or ceiling mounted
- Includes NiCd 3.6v 0.8Ah battery
- 24hour recharge time
- Protection against overloading and battery discharge
- 24mtrs viewing distance
- Rated voltage 220-240v 50/60Hz
- Complies to EN60598-1-1

MATERIALS

- Polycarbonate body

WARRANTY

3 years

IP RATING

IP20

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	NET LUMEN OUTPUT
HEXITLED	IP20 Maintained hanging exit sign	3W	350 x 40 x 212	20lm

ACCESSORIES	DESCRIPTION
HEXIT/LR	Left/right legends for HEXITLED (pack 2)
HEXIT/U	Up legend for HEXITLED

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

INSTALLATION METHOD 1

INSTALLATION METHOD 2

INSTALLATION METHOD 3

INSTALLATION METHOD 4

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

191

HBLED

CE RoHS □ **Com Lite** Commercial Lighting

Maintained LED blade exit sign suitable for use in commercial and retail environments.

ADDITIONAL INFORMATION

- Suitable for wall and ceiling mounting
- Polycarbonate legend with inbuilt UV filter to protect against discolouration over time
- Adjustable base for ceiling or wall mounting
- LED 6000k lightsource
- 3 hour emergency
- Includes Nicd 3.6v 900mah battery
- 24mtrs viewing distance
- 24 hour charging time
- Protection against overloading and battery discharge
- Supplied with down arrow as standard
- Rated voltage 220-240v 50/60Hz
- Complies to EN60598-1-1

MATERIALS

- Constructed using ABS base and polycarbonate legend

WARRANTY

3 years

IP RATING

IP20

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	NET LUMEN OUTPUT
HBLED	IP20 Maintained LED blade exit sign	3W	345 x 65 x 200	20lm

ACCESSORIES	DESCRIPTION
HBLGD/LR	Left/right legends for HBLED (pack 2)
HBLGD/U	Up legend for HBLED

EMERGENCY BULKHEADS IP65

A maintained/
non-maintained
emergency bulkhead
for use in general
retail and commercial
environments.

MATERIALS

- Constructed using polycarbonate base and covers with inbuilt UV filter protection to protect against discolouration over time
- High quality diffuser for maximum light output

WARRANTY

3 years

IP RATING

IP65

ADDITIONAL INFORMATION

- 6000k lightsource
- Dual bulkhead, can be operated as maintained and non maintained
- More than 3 hours emergency time once charged for 24 hours
- Sticker legend included as standard
- Switchable
- Complies to EN60598-1-1

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT IN EMERGENCY
EBHML	IP65 LED maintained/non maintained bulkhead	4W	34 5x 118 x80	SMD LED	70lm

EMERGENCY BULKHEADS IP65 - HIGH LUMEN

CE RoHS Com Lite Commercial Lighting

A high output maintained/ non maintained emergency bulkhead suitable for high level applications in particular.

MATERIALS

- Constructed using polycarbonate base and covers with inbuilt UV filter protection to protect against discolouration over time
- High quality diffuser for maximum light output

WARRANTY

3 years

IP RATING

IP65

ADDITIONAL INFORMATION

- 6000k lightsource
- Dual bulkhead, can be operated as maintained and non maintained
- More than 3 hours emergency time once charged for 24 hours
- Rated voltage 220-240v 50/60Hz
- Complies to EN60598-1-1

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT IN EMERGENCY
EBHML/HL	High output high level emergency bulkhead	9W	352 x 118 x 80	SMD LED	750lm
EBHML/HLA	High output emergency bulkhead with selftest function	9W	352 x 118 x 80	SMD LED	750lm

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

EMERGENCY BULKHEADS IP20

CE RoHS □ Com Lite Commercial Lighting

A slimline low profile maintained/ non maintained emergency bulkhead for indoor use in general retail and commercial environments.

MATERIALS

- Constructed using polycarbonate base and covers with inbuilt UV filter protection to protect against discolouration over time
- High quality diffuser for maximum light output

WARRANTY

3 years

IP RATING

IP20

ADDITIONAL INFORMATION

- 6000k lightsource
- Dual bulkhead, can be operated as maintained and non maintained
- More than 3 hours emergency time once charged for 24 hours
- Suitable for indoor use only
- Rated voltage 220-240v 50/60Hz
- Complies to EN60598-1-1

SREBH

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT IN EMERGENCY
SEBHML	IP20 LED maintained/non maintained bulkhead	3W	239 x 82 x 36	SMD LED	180lm

ACCESSORIES	DESCRIPTION
SREBH	Recessing frame for SEBHML
SSTICKER	Sticker legend for bulkhead

SURFACE EMERGENCY SPOT

A low profile surface emergency spotlight ideal for apartment blocks, hotels and staircores.

MATERIALS

- Constructed using polycarbonate base and covers with inbuilt UV filter protection to protect against discolouration over time
- High quality diffuser for maximum light output

ADDITIONAL INFORMATION

- 6000k lightsource
- Operated as non maintained only
- More than 3 hours emergency time once charged for 24 hours
- Rated voltage 220-240v 50/60Hz
- Complies to EN60598-1-1

WARRANTY

3 years

IP RATING

IP20

SEPACKLED

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS Dia x Height (mm)	LIGHT SOURCE	NET LUMEN OUTPUT IN EMERGENCY
SEPACKLED	Surface emergency spotlight	3W	120 x 35	SMD LED	123lm

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

EXITBOXES

CE RoHS

Com Lite
Commercial Lighting

A surface mounted
slimline low energy,
low profile led exitbox.

MATERIALS

- Constructed with polycarbonate body
- High quality diffuser for maximum light output

WARRANTY

3 years

IP RATING

IP20

ADDITIONAL INFORMATION

- 24mtrs viewing distance
- 6000k lightsource
- Dual bulkhead, can be operated as maintained and non maintained
- More than 3 hours emergency time once charged for 24 hours
- Down legend included as standard
- Complies to EN60598-1-1

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	LIGHT SOURCE	NET LUMEN OUTPUT IN EMERGENCY
SEXITML	Slimline exitbox	4W	390 x 30 x 190	SMD LED	70lm

ACCESSORIES	DESCRIPTION
SEXITML/L	Arrow left for exitbox
SEXITML/R	Arrow right for exitbox
SEXITML/U	Arrow up for exitbox

INVERTER KITS - EPMW

A flexible versatile emergency inverter module suitable for most wattages of fluorescent.

MATERIALS

- Constructed with high quality metal casing
- Manufactured with reliable components

WARRANTY

3 years

ADDITIONAL INFORMATION

- More than 3 hours emergency time once charged for 24hours
- Supplied with battery and LED indicator as standard but can be supplied separately
- Complies to EN60598-1-1

IP RATING

IP20

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS LESS BATTERY L x W x H (mm)	FOR LAMP TYPES	BATTERY SUPPLIED
EPMW	Inverter for fluorescent, CFL, T5, T8 and TCL	CFL42 max/T5 80W max/T8 70W max/TCL 80W max	160 x 38 x 28	Fluorescent	Nicad 6v/4.5AH

LED INVERTER KITS

A flexible versatile range of emergency inverter module suitable for most wattages of led.

SEMP1LED

EP1STLED

MATERIALS

- Constructed with high quality metal casing
- Manufactured with reliable components

WARRANTY

3 years

IP RATING

IP20

ADDITIONAL INFORMATION

- More than 3 hours emergency time once charged for 24hours
- Supplied with battery and LED indicator as standard but can be supplied separately
- Complies to EN60598-1-1

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	FOR LAMP TYPES	BATTERY SUPPLIED
EP1LED/HV	LED inverter kit for LED drivers 60-120v	150W max	160 x 38 x 28	LED	Nicad 3.6v/4.5AH
EMP1LED	Dual voltage (110-240v) LED inverter kit for LED drivers 15-90v	200W max	164 x 46 x 30	LED	Li-ion 7.4v/2.2AH
SEMP1LED	Slimline dual voltage (110-240v) LED inverter kit for LED drivers 15-90v	200W max	243 x 30 x 22	LED	Li-ion 7.4v/2.2AH
EP1STLED	Self test dual voltage (110-240v) LED inverter kit for LED drivers 15-90v	200W max	164 x 46 x 30	LED	Li-ion 7.4v/2.2AH

* all dimensions include battery with the exception of EP1LED/HV

UNIVERSAL EMERGENCY KIT FOR PANELS OR DOWNLIGHTS

A versatile emergency module, enclosed in its own case and complete with leads for connection to drivers from downlights or led panels.

ADDITIONAL INFORMATION

- More than 3 hours emergency time once charged for 16hours
- Supplied with battery and LED indicator as standard
- Complies to EN60598-1-1

WARRANTY

3 years

IP RATING

IP20

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS (INC BATTERY) L x W x H (mm)	FOR LAMP TYPES	BATTERY SUPPLIED
LEDP-NL3	LED universal emergency inverter kit 10-50v DC	3W	212 x 73 x 28	LED	3.2V 1100Ah LifeP04
LEDP-NL3A	LED universal emergency inverter kit 10-50v DC with selftest	3W	212 x 73 x 28	LED	3.2V 1100Ah LifeP04

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

REMOTE EMERGENCY DOWNLIGHTS

CE   RoHS   ⏚   Com Lite — Commercial Lighting

EPACKLED1

A small 18mm non maintained downlight ideal for installation into fixtures. This downlight will act as an independent source for the emergency function of a luminaire.

EPACKCDR

A highly effective standalone 45mm diameter downlight which acts as an independent emergency source for corridor areas.

ADDITIONAL INFORMATION

- 6000k lightsource as standard
- Cutout 16mm
- Complies to EN60598-1-1
- Dimensions: LxWx H 210x33x24mm
- Input voltage: 220-240v 50/60Hz
- Lumen output in emergency > 104lm
- More than 3 hours emergency time once charged for 24 hours
- Slim and compact profile so it can fit into a wide range of luminaires
- Supplied with3.6v 1AH Nicad battery

ADDITIONAL INFORMATION

- 6000k lightsource as standard
- Cutout 25-30mm
- Complies to EN60598-1-1
- Input voltage: 220-240v 50/60Hz
- Lumen output in emergency > 135lm
- More than 3 hours emergency time once charged for 24 hours
- Supplied with 4.8v 1.8AH Nicad battery

REMOTE EMERGENCY DOWNLIGHTS

EPACKLED4

A highly effective dual voltage 36mm diameter downlight which acts as an independent emergency source.

DLEP3W

A higher lumen bigger diameter remote downlight for use in larger open areas.

ADDITIONAL INFORMATION

- 6000k lightsource as standard
- Cutout 30mm
- Complies to EN60598-1-1
- Input voltage: 110-240v 50/60Hz
- Lumen output in emergency > 104lm
- More than 3 hours emergency time once charged for 24 hours
- Supplied with3.7v 1.5AH Li-ion battery

ADDITIONAL INFORMATION

- 6000k lightsource as standard
- Cut out 95-100mm
- Complies to EN60598-1-1
- Input voltage: 220-240v 50/60Hz
- Lumen output in emergency > 200lm
- More than 3 hours emergency time once charged for 24 hours
- Supplied with3.7v 2.6AH Li-ion battery
- Test button for manual testing inbuilt

PCB Housing   Lamp Head

219   Ø 30   35   Ø 36

Ceiling   Product

Floor   Ø 8m   3m

REMOTE EMERGENCY DOWNLIGHTS

DL5WST

A high lumen adjustable non maintained emergency downlight suited to higher ceilings or open areas where a larger range is needed.

ADDITIONAL INFORMATION

- 6000k lightsource as standard
- Adjustable head to direct light to desired area
- Complies to EN60598-1-1
- Cut out 70-75mm, diameter 84mm
- Input voltage: 110-240v 50/60Hz
- Lumen output in emergency > 300lm
- More than 3 hours emergency time once charged for 24 hours
- Self test function inbuilt which operates automatically monthly
- Supplied with 6v 1.8AH Nicad battery

Dimensions

TWINSPOTS

CE · RoHS · Com Lite Commercial Lighting

Suitable for interior and exterior use, these twinspots provide ideal emergency lighting solutions for warehouses or exterior public areas.

TWINSPLED

MATERIALS

- Constructed with durable steel powder coated housing (IP20 version) and Polycarbonate (IP65 version)

ADDITIONAL INFORMATION

- 6000k light source supplied as standard for all models
- More than 3 hours emergency time once charged for 24hours
- Supplied with Nicad battery
- Complies to EN60598-1-1

WARRANTY

3 years

IP RATING

IP20   IP65

TWINSP65

PRODUCT CODE	DESCRIPTION	WATTAGE (W)	DIMENSIONS L x W x H (mm)	LIGHT SOURCE	NET LUMENS
TWINSPLED	Non maintained 220V-240V twinspot	6W	270 x 70 x 290	LED	220lm
TWINSP65	Non maintained 220V-240V IP65 twinspot	14W	280 x 95 x 300	LED	500lm
TWINSPLED/110	Non maintained 110V twinspot	6W	270 x 70 x 290	LED	220lm
TWINSP65/110	Non maintained 110V IP65 twinspot	14W	280 x 95 x 300	LED	500lm

ACCESSORIES

A range of accessories for manufacturers of emergency lighting.

FTB1

FTB2

Nicad battery stick

F/SOCK

Battery for model EP24WLED

MATERIALS

- Batteries supplied from ISO9001 approved factory

IP RATING

IP20

WARRANTY

3 years

PRODUCT CODE	DESCRIPTION	TYPE	DIMENSIONS L x W x H (mm)
BATT2	2 cell Nicad battery stick	2.4V 4.5AH	118 x 34 x 34
BATT3	3 cell Nicad battery stick	3.6V 4.5AH	177 x 34 x 34
BATT4	4 cell Nicad battery stick	4.8V 4.5AH	236 x 34 x 34
BATT5	5 cell Nicad battery stick	6V 4.5AH	295 x 34 x 34
BATT6	6 cell Nicad battery stick	7.2V 4.5AH	354 x 34 x 34
F/SOCK	Firesock	-	-
FTB1	3 port fused terminal block	-	-
FTB2	4 port double fused terminal block	-	-
LED	LED indicator	-	-
BAT/EC	Set of endcaps for batteries	-	-
BATT12LI	14.8v 6750mah battery for EP24WLED emergency module	-	-

PHOTOCELL KIT

The Nema photocell kit is for use with various external lighting fixtures. It works ideally with bulkheads, floodlighting, post top lighting or streetlights and will switch lighting off when lighting levels are sufficient and will automatically switch lights on when lighting levels are not sufficient.

ADDITIONAL INFORMATION

- Ambient light <5 lux - 15 lux
- 220-240V 50/60hz input
- 10amp rated
- Working Temperature: -20~+40°C

WARRANTY

3 years

IP RATING

IP44

PRODUCT CODE	DESCRIPTION	DIMENSIONS Dia x H (mm)
PCKIT	Nema photocell kit 10amp	79 x 125

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

LUX CONTROL SENSOR

CE F **Com Lite** Commercial Lighting

An intelligent sensor that can be fitted to 1-10v dimmable fixtures. Using a photocell this sensor will measure the ambient light level, send a signal to the dimmable driver of the lighting fixture and adjust the light level of the fixture to the desired level.

ADDITIONAL INFORMATION

- 50,000 hours lifetime
- Automatic daylight dimming control
- For use with 1-10V dimmable drivers and sensors
- Use with sensors to achieve occupancy and daylight control

WARRANTY

5 years

PRODUCT CODE	DESCRIPTION
LCS	Intelligent sensor

Ø21.2mm
20.0mm
Ø16.2mm
63.5mm

Daylight Sensor

50% 8 a.m.
30% 10 a.m.
10% 11 a.m.
1% 12 p.m.
10% 3 p.m.
30% 4 p.m.
50% 5 p.m.

80% 8 a.m.
50% 10 a.m.
30% 11 a.m.
10% 12 p.m.
30% 3 p.m.
50% 4 p.m.
80% 5 p.m.

100% 8 a.m.
80% 10 a.m.
50% 11 a.m.
40% 12 p.m.
50% 3 p.m.
80% 4 p.m.
100% 5 p.m.

12 p.m.
11 a.m. 3 p.m.
10 a.m. 4 p.m.
8 a.m. 5 p.m.

window

HIGHBAYS

Tegral
Quality Lighting

www.tegral-lighting.com

INTELLIGENT INTEGRAL PHOTOCELL

An intelligent mini photocell ideal for building into luminaires with a wide range of settings for flexibility.

ADDITIONAL INFORMATION

- 220-240V 50/60hz input
- Automatically turns lights on at dusk and switches off at dawn
- Can be built inside LED fixtures as can distinguish between artifical light and sunlight
- Can be positioned behind clear, opal or prismatic diffusers
- Wide range of ambient light settings
- Working Temperature: -20~+50°C

WARRANTY

5 years

IP RATING

IP20

SETTING

By selecting the combination of the DIP switches, switching ON/OFF lux level can be set as requirement.

PRODUCT CODE	DESCRIPTION	DIMENSIONS L x W x H (mm)
MS02	Intelligent compact photocell	46 x 36 x 22

	1	2	3	4	open	close
I	ON	ON	ON	ON	5Lux	25Lux
II	ON	ON	ON	-	10Lux	50Lux
III	ON	ON	-	ON	25Lux	75Lux
IV	ON	ON	-	-	50Lux	100Lux
V	ON	-	ON	-	100Lux	200Lux
VI	ON	-	-	-	150Lux	300Lux
VII	-	ON	-	-	200Lux	400Lux
VIII	-	-	-	-	Disable	

INTEGRAL MICROWAVE SENSOR MODEL MS01

Microwave motion sensor ideal for use inside plastic lighting fixtures for automatic switching and energy saving.

ADDITIONAL INFORMATION

- 200W load
- 1mtr to 8mtrs detection distance when installed on ceiling and 5-15mtrs when installed on wall
- Adjustable daylight sensor from 3-2000lux
- 180 to 360 detection angle
- Input voltage: 220/240Vac 50Hz
- Rated load: 400W (Inductive load), 800W(Resistive load)
- Fully adjustable hold time from 10sec to 12mins
- Sensor principle: Microwave motion detector
- Microwave frequency: 5.8GHz±75Hz, ISM wave band
- Transmitting power <0.2mW
- Motion detection speed 0.6-1.5m/s
- Operating temperature: -20°~60°
- Power consumption < 1watt

WARRANTY

5 years

IP RATING

IP20

PRODUCT CODE	DESCRIPTION	DIMENSIONS L x W x H (mm)
MS01	Microwave sensor for integral use	54.5 x 39.4 x25

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

INTEGRAL MICROWAVE SENSOR WITH DETACHABLE HEAD - MS01/D

CE · RoHS · **Com Lite** Commercial Lighting

Microwave motion sensor that's ideal where space limitations exist. This module can be installed inside plastic luminaires for automatic switching and energy saving.

ADDITIONAL INFORMATION

- 200W load
- 1mtr to 8mtrs detection distance when installed on ceiling and 5-15mtrs when installed on wall
- Adjustable daylight sensor from 3-2000lux
- 180 to 360 detection angle
- Input voltage: 220/240Vac 50Hz
- Rated load: 400W (Inductive load), 800W(Resistive load)
- Fully adjustable hold time from 10sec to 12mins
- Sensor principle: Microwave motion detector
- Microwave frequency: 5.8GHz±75Hz, ISM wave band
- Transmitting power <0.2mW
- Motion detection speed 0.6-1.5m/s
- Operating temperature: -20°~60°
- Power consumption < 1watt

WARRANTY

5 years

IP RATING

IP20

PRODUCT CODE	DESCRIPTION	DIMENSIONS L x W x H (mm)
MS02	Microwave sensor for integral use	55.6 x 40.2 x23

COMBINATION SENSOR/DRIVERS FOR CIRCULAR FIXTURES

Microwave motion sensor with inbuilt driver, on/off sensor function or three step dimming capability.

ADDITIONAL INFORMATION

- Automatic switching amd dimming based on motion and light level
- Compact size makes the drivers suitable to fix within most LED ceiling lights
- Constant current can be set via DIP switch
- Detection area, time delay and daylight threshold can be precisely set via DIP switch
- Integration of microwave motion sensor, dayight sensor and LED power supply
- Detection Area: up to 6 metres

WARRANTY

5 years

IP RATING

IP20

PRODUCT CODE	DESCRIPTION	DIMENSIONS W x D (mm)
MSD1	350/550/600/700ma 22-42V combi sensor	82 x 27.25
MSD2	350ma 18W 28-52V combi sensor	68 x 28.5

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

STANDALONE RECESSED MICROWAVE SENSOR

The sensor supplies a simple energy-saving solution to use light only when and where you need it. It will switch lights off automatically based on motion and ambient light levels.

www.tegral-lighting.com

Tegral
Quality Lighting

COMBINATION SENSOR/DRIVER FOR LINEAR STYLE FIXTURES

Microwave motion sensor with inbuilt driver and corridor function capabilities for use integrally to suitable luminaires for energy saving commercial applications.

ADDITIONAL INFORMATION

- 65W, 700ma, 60-80V
- Automatic switching and dimming based on light level and motion
- Detactable sensor head for flexibility to fix within most luminaires
- Detection angle 150° (wall installation) 360° (ceiling installation)
- Sensor data can be simply set via DIP switch
- Standby dimming level of 20% or 35%
- Wide detection area, range of up to 12m in diameter

WARRANTY

3 years

IP RATING

IP20

PRODUCT CODE	DESCRIPTION	DIMENSIONS L x W x D (mm)
MSD4	Microwave motion sensor with corridor function	200 x 57 x 30

COMBINATION SENSOR/DRIVER FOR LINEAR STYLE FIXTURES

FUNCTIONS

ON-OFF FUNCTION
The products provide ON-OFF and steps dimming function for LED lighting, users can select the right function according to different applications.

With sufficient ambient light, the sensor does not switch on the lamp.

With insufficient ambient light, the sensor switches on the lamp when motion is detected.

After hold time, the lamp gradually dims down if no motion detected.

3-STEP DIMMING FUNCTION

With sufficient ambient light, the sensor does not switch on the lamp.

With insufficient ambient light, the sensor switches on the lamp when motion is detected.

After hold time, the sensor dims the lamp at a low light level if no new motion trigger.

After stand-by period, the sensor switches off the lamp if no motion is detected in its detection zone.

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

215

STANDALONE RECESSED MICROWAVE SENSOR

CE RoHS **Com Lite** Commercial Lighting

The MCS1 is an innovative and active motion detector with HF system 5.8GHz. Motion can be detected through plastic, glass and thin non-metal materials. The sensor supplies a simple energy-saving solution to use light only when and where you need it. It will switch lights off automatically based on motion and ambient light levels.

Can control all kinds of lamps, for example, halogen, fluorescent and LED lights. 4-pole press-in terminal (L, N, N, L'), very easy to install.
The high quality relay is particularly suitable for commercial use with switching power up to 400W for LEDs and fluorescent lamps and up to 800W for incandescent lamps.

ADDITIONAL INFORMATION

- Automatic switching based on motion and light level
- Zero crossing point operation helps protect the sensor against in-rush current
- 4-pole press-in terminal (L, N, N, L'), easy assembly
- Detection area, time delay and daylight threshold can be precisely set via DIP switch
- Wide detection area, range up to 12m in diameter
- Operating voltage: 220/240Vac 50Hz
- Rated load: 400W (Inductive load), 800W(Resistive load)
- HF system: 5.8GHz±75Hz, ISM wave band
- Transmitting power: <0.5mW
- Power consumption: ≤0.5W(standby)
- Detection zone: Max.(D x H): 12m x 6m
- Detection sensitivity: 25% / 50% / 75% / 100%
- Hold time: 5s / 30s / 90s / 3min / 20min / 30min
- Daylight sensor: 5lux / 15lux / 30lux / 50lux /100lux/150lux/ Disable
- Mounting height: 6m Max.
- Motion detection: 0.5~3m/s
- Detection angle: 150°(wall installation), 360°(ceiling installation)
- Operating temperature: -20°C~60°C

WARRANTY

5 years

IP RATING

IP20

PRODUCT CODE	DESCRIPTION	DIMENSIONS Dia x Depth (mm)
MCS1	Microwave motion sensor	95 x 54

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

STANDALONE DUAL RECESSED/SURFACE MOUNTED PIR SENSOR

A versatile PIR sensor that can be used as either a recessed or surface unit. Ideal for controlling lighting fixtures for automatic energy saving.

ADDITIONAL INFORMATION

- 220-240V 50/60hz input
- 360 degree detection
- Daylight sensor from 3-2000lx
- Detection Area is 8 mtrs (4mtrs each direction)
- Installation height 2.2-4mtrs
- Load up to 400w for fluorescent and LED
- Smaller and more compact than most sensors
- Time setting from 10 secs to 30 mins
- Work temp : -20~+40°C

WARRANTY

3 years

IP RATING

IP20

PRODUCT CODE	DESCRIPTION	DIMENSIONS Dia x H (mm)
RSMPIR	Dual recessed/surface PIR	80 x 40

Installation height

Detection range

BATTEN MOUNTED PIR

Com Lite Commercial Lighting

A PIR sensor suitable for mounting on the end of battens, highbays and linear style fixtures.

ADDITIONAL INFORMATION

- 220-240V 50/60hz input
- 360 degree detection
- Automatic lighting range from 10-300lux on 1-10v dimmable version (BSN01/D)
- Daylight sensor from 3-2000lx on on/off version (model BSN01)
- Detection Area is 10 mtrs (5mtrs each direction)
- Detection range of 25%, 50% or 75% on dimmable version
- Installation height 2-6mtrs
- Load up to 400w for fluorescent and LED
- Remote control available for dimmable version (model BSN01/DRC)
- Standby dimming level of '10%, 20%, 30% or OFF' on dimmable version
- Time setting from 10 secs to 30 mins
- Work temp : -20~+40°C

WARRANTY

5 years

IP RATING

IP65

Installation height

Detection range

PRODUCT CODE	DESCRIPTION
BSN01	Batten mount PIR with on/off function
BSN01/D	Batten mount PIR with 1-10v daylight dimming function
BSN01RC	Remote control for dimming sensor

Tegral Quality Lighting

HIGHBAY MICROWAVE SENSOR

A highly reliable microwave sensor suitable for mounting on linear fixtures and highbays.

ADDITIONAL INFORMATION

- 220-240V 50/60hz input
- 360 degree detection
- Daylight sensor from 3-2000lx
- Detection area is radius of 4-10mtrs
- Installation height 4-15mtrs
- Load up to 400w for fluorescent and LED
- Time setting from 10 secs to 12 mins
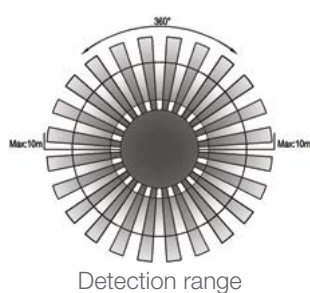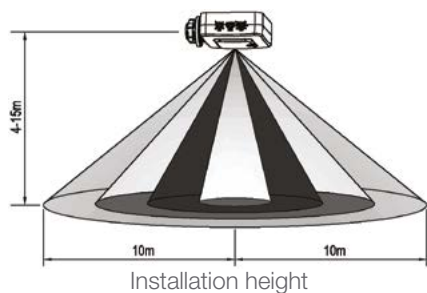- Work temp : -20~+40°C

WARRANTY

5 years

IP RATING

IP20

PRODUCT CODE	DESCRIPTION
HBMS	End mounting high level microwave sensor

Installation height

Detection range

HIGHBAY MICROWAVE SENSOR - BARREL TYPE

A range of highly reliable microwave sensors suitable for mounting on high level linear fixtures and UFO style highbays.

ADDITIONAL INFORMATION	WARRANTY	IP RATING
	5 years	**IP65**

- 220-240V 50/60hz input
- 360 degree detection
- Daylight sensor 2lux, 10lux, 50lux or 2000lx
- Detection area is 10 mtrs (5mtrs each direction)
- Detection range for on/off version is 50% or 100%
- Detection range for corridor function version is 10%, 50%, 75% or 100%
- Installation height 4-15mtrs
- Load up to 1000w for LED
- Standby dimming level for dimmable version is 10%, 20%, 30% or 50%
- Time setting 5s, 30s, 90s, 3min, 5min, 10min, 20min or 30mins
- Work temp : -20~+40°C

PRODUCT CODE	DESCRIPTION
HBMSBK	Black high mounting microwave sensor
HBMSWH	White high mounting microwave sensor
HBMSBKD	Black high mounting microwave sensor with corridor function (for 1-10v drivers)
HBMSWHD	White high mounting microwave sensor with corridor function (for 1-10v drivers)
UFO/BKT	Black mounting bracket for UFO fittings

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

LAMPS - LED LINEAR

CE RoHS **Com Lite** Commercial Lighting

A range of reliable lamps suitable for LED retrofits. Can be used with many of the T8 fixtures we offer.

MATERIALS

- Glass coated in plastic (E models)

WARRANTY

2 years

ADDITIONAL INFORMATION

- 330 degree light output for T8 lamps
- 25,000 hours life expectancy
- T8 versions come with starters for direct replacement in magnetic luminaires without the need for any re-wiring

PRODUCT CODE	DESCRIPTION	BEAM ANGLE	WATTAGE (W)	LAMP TYPE	COVER	COLOUR	NET LUMENS
ELED600F/84	600mm lamp to replace 18W T8 lamp	330°	9W	LED T8	Frosted	4000k	800lm
ELED600F/86	600mm lamp to replace 18W T8 lamp	330°	9W	LED T8	Frosted	6000k	800lm
ELED1200F/84	1200mm lamp to replace 36W T8 lamp	330°	19W	LED T8	Frosted	4000k	1800lm
ELED1200F/86	1200mm lamp to replace 36W T8 lamp	330°	19W	LED T8	Frosted	6000k	1800lm
ELED1500F/84	1500mm lamp to replace 58W T8 lamp	330°	25W	LED T8	Frosted	4000k	2300lm
ELED1500F/86	1500mm lamp to replace 58WT8 lamp	330°	25W	LED T8	Frosted	6000k	2400lm
ELED1800F/84	1800mm lamp to replace 70W T8 lamp	330°	28W	LED T8	Frosted	4000k	2700lm
ELED1800F/86	1800mm lamp to replace 70W T8 lamp	330°	28W	LED T8	Frosted	6000k	2800lm
LED1500/28WF	1500mm lamp driverless, to be used with dimmable or constant current external 350ma driver	120°	28W	LED T8	Frosted	4000k	2200lm
CLS1500/MS	Com Lite smart lamp with inbuilt microwave sensor 1500mm	120°	25W	LED T8	Frosted	4000k	2300lm
LEDT5/5W	600mm lamp to replace T5, to use with external driver 350ma	120°	5W	LED T5	Clear	4000k	550lm
LEDT5/9W	600mm lamp to replace T5, to use with external driver 350ma	120°	9W	LED T5	Frosted	4000k	900lm

BATHROOM ZONES

There are 4 zones to bathroom lighting that need to be considered when fitting a bathroom as the regulations become much stricter.

1. The inside of the bath or shower basin
2. Area above bath or shower basin
3. Within 0.6m of the edge of the bath or shower basin edge
4. Outside zones 0, 1 & 2

Tegral Quality Lighting

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

CIBSE LIGHTING LEVELS

CIBSE - The Chartered Institute of Building Service Engineers

AREA	LUX
Offices	500
Small Retail Stores	500
Supermarkets	750
Hypermarket	1000
DIY Stores	1000
Showrooms	500 - 750
Changing Rooms and Toilets	100
Restaurants & Canteens	200
Food Prep Area	500
Entrance Halls	200
Enquiry Desks	500
Corridors and Stairs	100
Classrooms	500
Warehouse Picking Area	300 - 350
Warehouse Racking and Storage	200 - 250

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

223

CORROSIVE AREAS DEFINED

CORROSION CLASSES

The corrosion classes below describe - with examples - under which conditions treatments for iron and metal are providing sufficient corrosion protection.

ISO 12944	IMPACT	INTERIOR	EXTERIOR
C1	Very low	Heated buildings with clean air, such as offices, shops, schools, hotels, etc.	None
C2	Low	Buildings not heated, where condensation may occur, such as warehouses and sports halls.	Atmosphere with low pollution. For example in the country.
C3	Middle	Buildings for production with high atmospheric humidity and some air pollution such as food manufacturers, breweries, dairies and laundries.	Urban and industrial areas, moderate sulphur dioxide pollution. Coastal areas with low salt content.
C4	High	Chemical manufacturers, swimming baths and ship and boatyards by the sea.	Industrial areas and coastal areas with moderate salt impact.
C5-I	Very high - industry	Buildings or areas with almost permanent condensation and with high pollution.	Industrial areas with high humidity and aggressive atmosphere.
C5-M	Very high	Buildings or areas with almost permanent condensation and with high pollution.	Coast and offshore areas with high salt content.

Comment(DS Manual 124:2000)
Corrosion categories C1 og C2 do not exist in Denmark. Due to the prevailing wind conditions at the
Danish west coast, corrosion category C5M may occur as far as 25 km inside the country.

IP RATINGS AND COLOUR TEMPERATURES

IP RATINGS EXPLAINED

An IP rating is a system which allows us to understand how well protected a light fitting is against various elements. It starts with the letters IP (Ingress Protection) meaning how well protected it is, followed by 2 digits.

The first digit indicates how secure a fitting is against solids such as larger airborne contaminates and dust. The second digit indicates the protection against liquids and moisture.

The lower the number following the IP, the less protection it has. The scale of numbers goes from 0-6 for the first digit and 0-8 on the second digit.

FIRST DIGIT SCALE		SECOND DIGIT SCALE
Fixture completely unprotected	0	Fixture completely unprotected
Fixture protected against solid objects larger than 50mm	1	Protects against dripping water
Fixture protected against solid objects greater then 12mm dia	2	Protects against dripping water when tilted to 15 degrees
Fixture protected against solid objects with a minimum 2.5mm dia	3	Protects against spraying water when tilted to 60 degrees
Fixture protected against object 1mm dia or more	4	Protects against spray from all directions
Dust protected. Limited ingress of dust permitted.	5	Protected against jets of water. Limited ingress permitted.
Fixture completely dust proof	6	Protected against strong jets of water. Limited ingress permitted.
	7	Protection against the effects of immersion in water between 15cm and 1mtr for 30 mins.
	8	Protection against the effects of immersion in water under pressure for long periods.

COLOUR TEMPERATURES EXPLAINED

Colour temperatures in LED are measured comparative to a black body at a specific colour temperature in degrees kelvin (k).

2700k	Very warm white	Gives a warm and "tranquil" feel
3000k	Warm white	Slightly whiter than a glow effect
3500k	White	Standard colour for most fluorescent tubes
4000k	Cool white	More illuminating white mainly used in offices
6500k	Daylight	Sharp, crisp and cold colour for clinical use
8000k	Skywhite	Specialised lighting with blue tones

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

225

LED DEFINITIONS

CRI
Colour Rendering Index. This term indicates the colour shift that matters experience when lighted by a source of light. The higher the CRI rating, the more natural and crisper the colour with reduced amount of glare.

DID
Direct Indirect. Light is cast upward and downwards from the fixture

DLOR
Downward Light Output Ratio. This is the LOR for the direct light only

ENERGY EFFICIENCY
Energy efficiency is a measurement of a lowered consumption of energy whilst giving off the same light output

L70
This denotes the percentage of lumen output following standard degradation e.g L70-30% degradation, L80-20% degradation, L50-50% degradation and L90-10% degradation. L70 is most commonly used as the human eye cannot detect reduction of light output until it has reduced by 30%

LED
Light Emitting Diode

LOR
Light Output Ratio. This is the measurement of light output when the fitting housing and diffusion is taken into account

LUMENS PER CIRCUIT WATT (LpcW)
Amount of lumen output per wattage. This is a division of the lumen output by the consumption of the fitting

LUX
The light level measured at any given distance from the luminaire. 1 lux = 1 lumen per m^2

PRIMARY LUMEN OUTPUT
The output of a fitting before a cover goes on

RoHS COMPLIANT
Restriction of Hazardous Substances

SECONDARY LUMEN OUTPUT
The output of a fitting after a cover goes on

SELF-TEST EMERGENCY
The self-test circuit is set to interrupt the mains supply at different intervals to initiate emergency lighting tests

T5/T8
Relates to the size of the tube. T5 is 5/8" of an inch diameter. T8 are 1 inch diameter

UGR
Unified Glare Rating. UGR is a specific formula designed to establish the amount of glare a fitting gives off

CORRIDOR FUNCTION
Detects motion and dims down to 10% when no presence is detected

PIR
Passive Infra-Red. Detects motion through a disturbance in the infra-red signal

HIGH BAY PIR
As above for fittings with a mounting height of 5metres or more

MICROWAVE
Detects sound waves

HIGH BAY MICROWAVE
As above for fittings with a mounting height of 5metres or more

PHOTOCELL
Detects light levels and switches on and off accordingly

SENSOR LOADS:

INDUCTIVE
Typically used for fluorescent

RESISTIVE
Typically used for incandescent

These are the maximum total wattage a sensor can operate. For LED, allow 80% of the inductive total.

TERMS AND CONDITIONS

General
In these terms and conditions of sale the 'Company' means 'Integral Lighting Ltd' (Ireland) or 'Tegral Lighting Ltd' (UK), whichever company goods are purchased from. The term 'Goods' means any item of whatsoever nature which is to be sold or supplied by the company including services. The 'Purchaser' means the person, firm or body corporate which buys or has agreed to buy the goods. All orders placed for goods are accepted on the understanding that the purchaser agrees to our conditions of sale, copies of which are available upon request.

Carriage
Carriage is paid on orders over £250.00 for England, €400 for republic of Ireland, £350 for Scotland, Channel Islands, Scilly Isles & Northern Ireland. Additional fees may apply to some postcode areas, please check with our sales team.

Delivery
We offer next day delivery for most deliveries on orders placed before 2pm. For a specific timed delivery an additional charge will apply, please contact sales office. Delivery on products is subject to stock availability and lead times given are given in good faith.

Discrepancies on deliveries and collections
The purchaser must inform the company in writing of any shortages or damages of goods within three days of receipt.

Goods for Return
All goods for return must be cleared with our sales team first. Goods that have not been authorised for return with an RMA reference will be rejected and returned to sender.
Any faulty goods returned and found to be in perfect working order may be returned to the purchaser and re-invoiced together with any applicable return or collection carriage charges. An opportunity will be provided to have the fittings scrapped to which a response is required within 10 working days, the company reserves the right to scrap any goods against an RMA that has not received a satisfactory response or resolution within the allotted 10 working days and an invoice for the associated charges will be issued. A handling charge of 10% will apply for goods returned that are not in relation to any discrepancies on deliveries or faulty goods with the exception of goods that are made to order, or made under specialised circumstances such as time constraints not previously agreed during quoting, in these instances these products are supplied on a strictly non refundable basis.

Prices
The price payable for goods, unless otherwise stated by the company in writing, is the list price of the goods at the time of purchase. Prices are subject to alteration at any stage. All prices quoted or listed exclude VAT.

Specifications
Designs and specifications of products may change from time to time due to continuous product improvements. The company reserves the right to alter product specifications without any prior notification. Any error or omission in the Companies product literature, website or catalogues shall be subject to correction without any liability on the part of the Company.
It is the responsibility of the installer to ensure the product supplied is suitable for the location that it is being installed. The company will not accept responsibility for product installed in areas where chemicals are present in the air resulting in damage to products.
In the case of LED products in particular, lumen output declared can have a variance of + - 10%.
Where a product is manufactured to a specification provided by the Purchaser, the purchaser shall indemnify the company against all costs, expenses, damages , losses (including direct, indirect or consequential losses of profit, loss if reputation and all interest, penalties and all other professional costs and expenses) suffered by the company in connection with the companies use of the specification.

Standards of products
All products comply with CE, EMC and Rohs standards.

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

TERMS AND CONDITIONS

Title and Risk

Title shall only pass to the Customer on payment in full of the price of the Goods and of any other sums due and payable by the customer at any time.

The Company shall be entitled to recover the price and any other sums due notwithstanding that title in the Goods has not passed to the Customer.

The Customer shall hold the Goods as the Company's fiduciary agent and Bailee, and shall keep the Goods separate from those of the Customer and third parties and properly stored, protected and insured and identified as the Company's property until such a time as title passes to the customer and shall deliver up the Goods to the Company on demand.

The Customer grants to the Company a full irrevocable licence to enter upon any premises in which the Goods are stored or installed (or are reasonably believed by the company to be), to uninstall the goods and to repossess, sell or deal with any of the Goods in which title remains vested in the Company and the Customer will indemnify the Company in respect of any loss of damage or deterioration to the Goods resulting from any such action.

The Customer shall not pledge or in any way charge any of the Goods which remain the property of the Company, but if the Customer does so all money owing the customer to the Company shall (without prejudice to any other rights or remedy of the Company) forthwith become due and payable.

The Company may at any time by written notice to the Customer revoke the Customer's right to re-sell the Goods where title thereto has not passed to the Customer. Upon such revocation all such amounts payable in respect of the Goods which have been re-sold shall immediately become due notwithstanding that any period of credit permitted may not have expired.

In the event that the customer has sold or otherwise parted with possession of any part of the Goods before payment has been received in full by the Company, the Customer shall hold the proceeds of such sale (or in the case of payment not having been made the debt owed to the Customer by the sub-purchaser) up to the amount or value of the Customer's indebtedness as agent and trustee for the Company and shall account to the Company on demand.

Risk of damage or loss shall pass to the Customer, in the case of Goods delivered at the Premises at the time when the Company notifies the Customer that the Goods are available for collection or, in the case of Goods to be delivered otherwise than at the Premises at the time of delivery.

Warranty

All the companies Tegral brand products have a service warranty of twelve months where failure rates exceed 3% (with the exception that 2 or fewer fittings constitute 3%) with the balance of the warranty period being part replacement . Warranties of all other brands provided by the company are declared in the relevant product datasheets. Any product found faulty during warranty period will be repaired or replaced free of charge. Exclusions to warranty include:

• Alteration and/or incorrect installation practices
• For LED products , individual LEDs do not constitute a product failure unless light output of the product is reduced by more than 1% for every 1000 hours of operation. The colour tolerance of LED modules is not covered by the companies guarantee. While the company tries to maintain similar properties from batch to batch of LED products, there may be deviations in light properties from different batches of LED product.
• Misuse
• Product operating hours exceed 12 hours per day (unless extended warranty given by the company with an allowance to increase product operating hours)
• Products that are installed with sensors and exceed 4000 switching cycles per year.
• Wilful damage

Under no circumstances will charges for repair or replacement of faulty products be accepted by the company unless otherwise agreed in writing.

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

229

NOTES

UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

Tegral
Quality Lighting

231

Tegral
Quality Lighting

www.tegral-lighting.com