# Tegral Lighting Catalogue 2017

Tegral
Quality Lighting

www.tegral-lighting.com

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.

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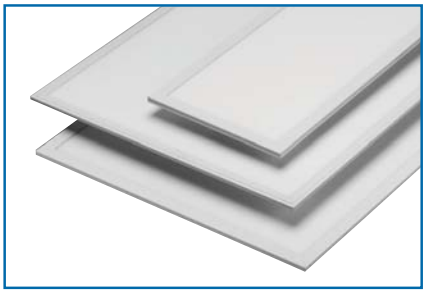


# KEY

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.

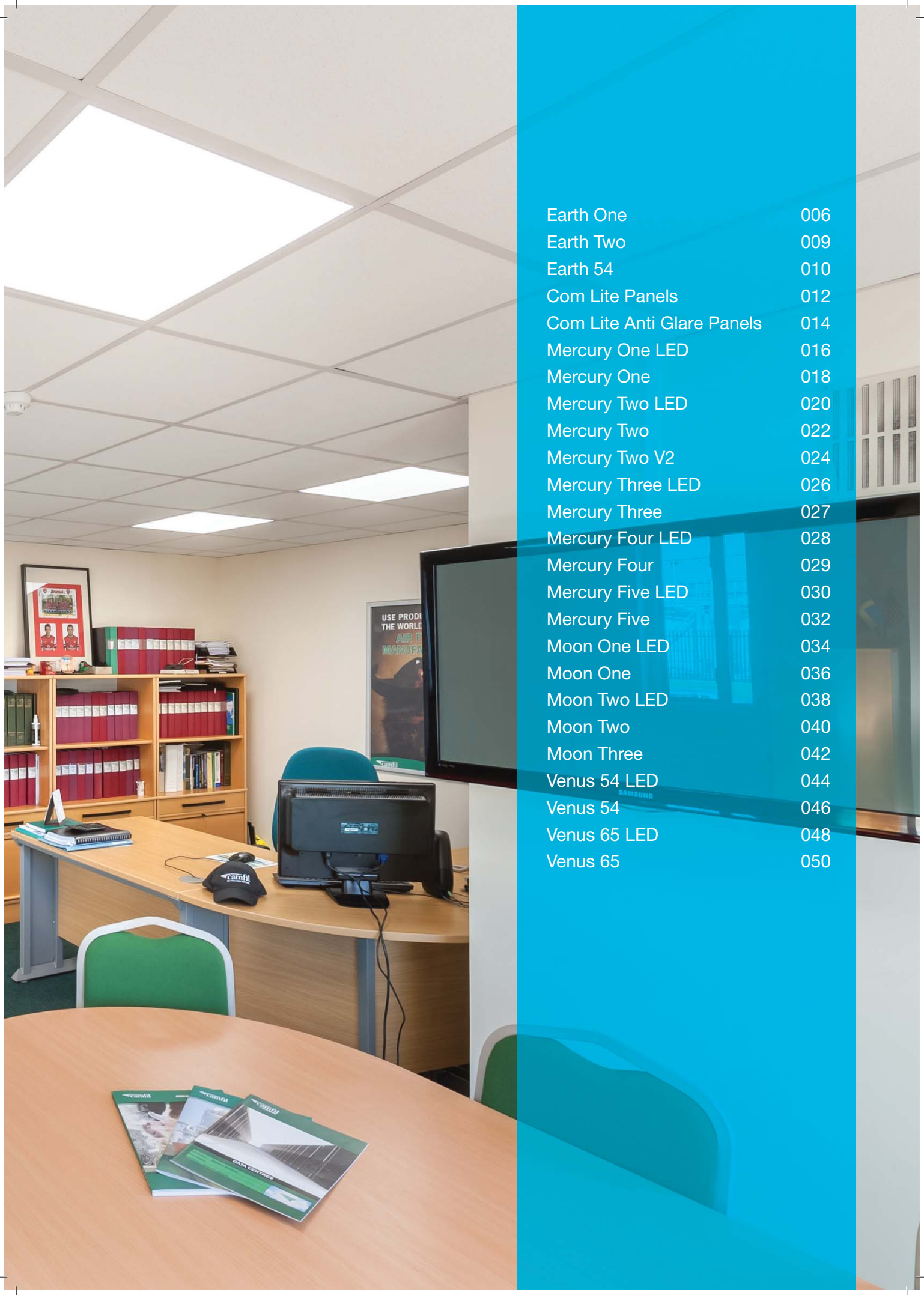
DALI DIMMABLE — Fixture can be manufactured to be compatible with Dali dimmable systems.

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.

# COMMERCIAL RECESSED

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# EARTH ONE

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

## 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
- 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

## WARRANTY

5 year driver warranty

## IP RATING

IP20





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| PRODUCT CODE | DESCRIPTION | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | NET LUMEN | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|---|
| LEDP15/84 | Recessed panel silver frame 4000k | 15W | 295x295x11 | LED | Opal Pmma | 1250lm | > 80 |
| LEDP32/83 | Recessed panel white frame 3000k | 32W | 595x595x11 | LED | Opal Pmma | 2580lm | > 80 |
| LEDP32/84 | Recessed panel white frame 4000k | 32W | 595x595x11 | LED | Opal Pmma | 2700lm | > 80 |
| LEDP32/86 | Recessed panel white frame 6000k | 32W | 595x595x11 | LED | Opal Pmma | 2700lm | > 80 |
| LEDP36/83 | Recessed panel white frame 3000k | 36W | 595x595x11 | LED | Opal Pmma | 2900lm | > 80 |
| LEDP36/84 | Recessed panel white frame 4000k | 36W | 595x595x11 | LED | Opal Pmma | 3100lm | > 80 |
| LEDP36/86 | Recessed panel white frame 6000k | 36W | 595x595x11 | LED | Opal Pmma | 3100lm | > 80 |
| LEDP48/84 | Recessed panel white frame 4000k | 48W | 595x595x11 | LED | Opal Pmma | 3900lm | > 80 |
| LEDP48/86 | Recessed panel white frame 6000k | 48W | 595x595x11 | LED | Opal Pmma | 3900lm | > 80 |
| LEDP362/83 | Recessed panel white frame 3000k | 36W | 1195x295x11 | LED | Opal Pmma | 2900lm | > 80 |
| LEDP362/84 | Recessed panel white frame 4000k | 36W | 1195x295x11 | LED | Opal Pmma | 3100lm | > 80 |
| LEDP362/86 | Recessed panel white frame 6000k | 36W | 1195x295x11 | LED | Opal Pmma | 3100lm | > 80 |
| LEDP70/84 | Recessed panel white frame 4000k | 65W | 1195x595x11 | LED | Opal Pmma | 5400lm | > 80 |
| LEDP70/86 | Recessed panel white frame 6000k | 65W | 1195x595x11 | LED | Opal Pmma | 5400lm | > 80 |
| LEDP482/84 | Recessed panel white frame 4000k | 48W | 1195x295x11 | LED | Opal Pmma | 3900lm | > 80 |
| LEDP482/86 | Recessed panel white frame 6000k | 48W | 1195x295x11 | LED | Opal Pmma | 3900lm | > 80 |
| LEDP483/84 | Recessed panel white frame 4000k | 48W | 1195x145x11 | LED | Opal Pmma | 3900lm | > 80 |
| LEDP60/84 | Recessed panel white frame 4000k | 60W | 1495x295x11 | LED | Opal Pmma | 4900lm | > 80 |

## ACCESSORIES

| | |
|---|---|
| PSF600/600 | Surface frame kit for 1195x595mm panel |
| PSF1200/300 | Surface frame kit for 1195x295mm panel |
| PSF1200/600 | Surface frame kit for 1200x600mm panels |
| PSF1500/300 | Surface frame kit for 1495x295mm panel |
| PSF1200/150 | Surface frame kit for 1195x145mm panel |
| LEDP36RF | Plasterboard ceiling frame for 595x595mm panels |
| LEDP362RF | Plasterboard ceiling frame for 1195x295mm panels |
| LEDP65RF | Plasterboard ceiling frame for 1195x595mm 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) |

CE

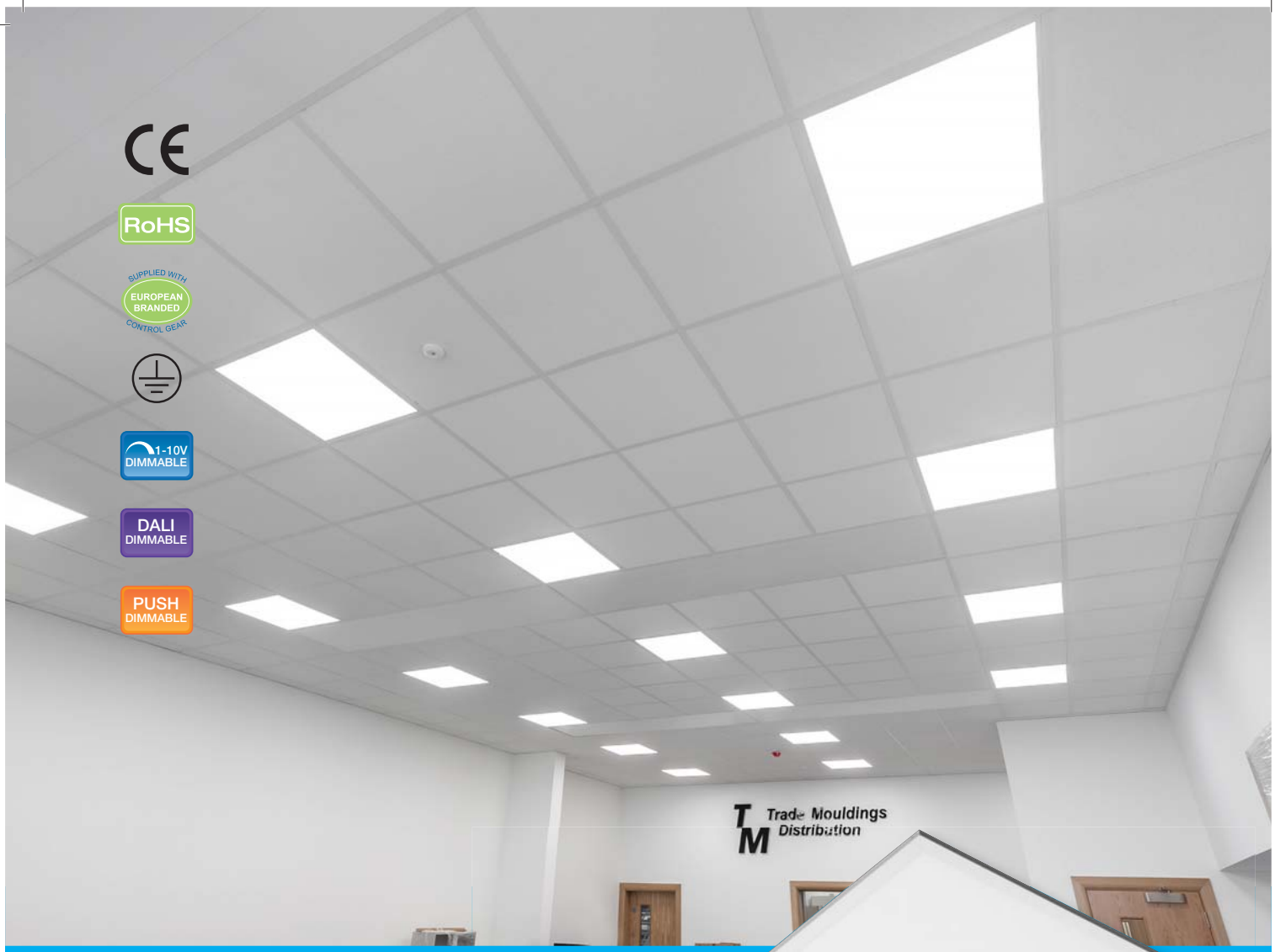
RoHS

SUPPLIED WITH EUROPEAN BRANDED CONTROL GEAR

1-10V DIMMABLE

DALI DIMMABLE

PUSH 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 6 for more details)

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# 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

### WARRANTY

5 year driver warranty

### IP RATING

IP20

| PRODUCT CODE | DESCRIPTION | WATTAGE (W) | SIZE LxWxH (mm) | CUT OUT (mm) | LIGHT SOURCE | COVER TYPE | NET LUMEN | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|---|---|
| T312LED | Recessed panel white frame 4000k | 36W | 595x595x30 | 580x580 | LED | Opal Pmma | 2640lm | > 70 |

### ACCESSORIES

| | |
|---|---|
| LEDP36RF | Recessed frame for plasterboard ceiling for 595x595mm panels |

# EARTH 54

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

## MATERIALS

- European brand driver
- 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
- 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

## WARRANTY

5 year driver warranty

## IP RATING

IP54





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Surface mounted Earth 54

| PRODUCT CODE | DESCRIPTION | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | NET LUMEN | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|---|
| LEDP38/84/54 | Recessed panel white frame 4000k | 38W | 595x595x12 | LED | Opal Pmma | 2830lm | > 70 |
| LEDP45/84/54 | Recessed panel white frame 4000k | 45W | 595x595x12 | LED | Opal Pmma | 3310lm | > 70 |

| ACCESSORIES | |
|---|---|
| PSF600/600 | Surface frame kit for 595x595mm panels |
| LEDP36RF | Plasterboard ceiling frame for 595x595mm 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) |

# COM LITE PANELS

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
- 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

## WARRANTY

3 year warranty

## IP RATING

IP20





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Typical installation

| PRODUCT CODE | DESCRIPTION | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | NET LUMEN | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|---|
| CLP36W/83 | Recessed panel white frame 3000k | 36W | 595x595x11 | LED | Opal Pmma | 3100lm | > 80 |
| CLP36W/84 | Recessed panel white frame 4000k | 36W | 595x595x11 | LED | Opal Pmma | 3100lm | > 80 |
| CLP36W/86 | Recessed panel white frame 6000k | 36W | 595x595x11 | LED | Opal Pmma | 3100lm | > 80 |
| CLP65/84 | Recessed panel white frame 4000k | 65W | 1195x595x11 | LED | Opal Pmma | 5400lm | > 80 |
| CLP65/86 | Recessed panel white frame 6000k | 65W | 1195x595x11 | LED | Opal Pmma | 5400lm | > 80 |

## ACCESSORIES

| | |
|---|---|
| PSF600/600 | Surface frame kit for 595x595mm panels |
| PSF1200/600 | Surface frame kit for 1195x595mm panel |
| LEDP36RF | Plasterboard ceiling frame for 595x595mm panels |
| LEDP65RF | Plasterboard ceiling frame for 1195x595mm 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) |

# COM LITE PANELS ANTI GLARE

A range of 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 retail & commercial installations with an emphasis on the open plan offices, showrooms, call centres & back office areas where anti-glare is required for workstations.

### MATERIALS

- Extruded aluminium white frame
- Prismatic 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
- 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

### WARRANTY

3 year warranty

### IP RATING

IP20





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| PRODUCT CODE | DESCRIPTION | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | NET LUMEN | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|---|
| CLPLG33/84 | 600x600 recessed Anti-glare panel | 33W | 595x595x11 | LED | Opal Pmma | 3100lm | > 90 |

## ACCESSORIES

| | |
|---|---|
| LEDP/SUSKIT | Suspension kit for panel |
| PSF600/600 | 600x600 LED panel surface mount frame |
| LEDP36RF | 600x600 Recessing frame for plasterboard |
| LEDP/PBC | Surface mounting clips for use with plasterboard |

# MERCURY ONE LED

A range of LED traditional style recessed luminaires designed with quality materials and practicality in mind. These highly efficient luminaires are available in a wide range of sizes, diffusion options and can be supplied with LED lamps or wired to your LED lamp specification. They are suitable for use in all retail, commercial and general lighting applications where style and efficiency are both essential.

T409PRLED

### MATERIALS

- High quality steel body
- Louvre retention via wishbone springs
- Models supplied with lamps are supplied with high quality Com Lite lamps with 330 degree light output

### ACCESSORIES AND OPTIONS AVAILABLE

- Emergency versions available. Please add /M3 to product code
- Mounting clips available for plasterboard ceilings, use model no C/CLIPS
- 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.
- Fluorescent versions of this product are available (See Mercury One range)
- Lamps supplied are > RA80 and PF 0.90
- Suitable for 15mm or 24mm grid systems or plasterboard ceilings

### WARRANTY

2 year lamp warranty

### IP RATING

IP20 IP40





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| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | CUT OUT (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|---|
| T218C2LED | 2x18W | 1195x295x80 | 1180x280 | T8 LED lamp | Cat2 | 3600lm | > 60 |
| T409C2LED | 4x9W | 595x595x80 | 580x580 | T8 LED lamp | Cat2 | 3200lm | > 60 |
| T418C2LED | 4x18W | 1195x595x80 | 1180x580 | T8 LED lamp | Cat2 | 7200lm | > 60 |
| T409LED | 4x9W | 595x595x80 | 580x580 | T8 LED lamp | Standard ribbed louvre | 3200lm | > 60 |
| T418LED | 4x18W | 1195x595x80 | 1180x580 | T8 LED lamp | Standard ribbed louvre | 7200lm | > 60 |
| T218PRLED | 2x18W | 1195x295x80 | 1180x280 | T8 LED lamp | Prismatic | 3600lm | > 60 |
| T409PRLED | 4x9W | 595x595x80 | 580x580 | T8 LED lamp | Prismatic | 3200lm | > 60 |
| T418PRLED | 4x18W | 1195x595x80 | 1180x580 | T8 LED lamp | Prismatic | 7200lm | > 60 |
| T218C2LED/B | - | 1195x295x80 | 1180x280 | Wired for single ended LED lamps | Cat2 | - | - |
| T409C2LED/B | - | 595x595x80 | 580x580 | Wired for single ended LED lamps | Cat2 | - | - |
| T418C2LED/B | - | 1195x595x80 | 1180x580 | Wired for single ended LED lamps | Cat2 | - | - |
| T409LED/B | - | 595x595x80 | 580x580 | Wired for single ended LED lamps | Standard ribbed louvre | - | - |
| T418LED/B | - | 1195x595x80 | 1180x580 | Wired for single ended LED lamps | Standard ribbed louvre | - | - |
| T218PRLED/B | - | 1195x295x80 | 1180x280 | Wired for single ended LED lamps | Prismatic | - | - |
| T409PRLED/B | - | 595x595x80 | 580x580 | Wired for single ended LED lamps | Prismatic | - | - |
| T418PRLED/B | - | 1195x595x80 | 1180x580 | Wired for single ended LED lamps | Prismatic | - | - |

Model no T409C2LED

Plasterboard mounting clips Model no C/CLIPS

# MERCURY ONE

A range of high frequency T8 traditional style recessed luminaires designed with quality materials and components. These highly efficient luminaires are available in a range of sizes and are suitable for use in all retail, commercial and general lighting applications where style and efficiency are both essential.

T418C2

## MATERIALS

- European branded control gear
- High quality steel body
- Louvre retention via wishbone springs

## 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.
- Mounting clips available for plasterboard ceilings, use model no C/CLIPS
- Opal versions available on special order
- Prismatic or Opal versions available with inbuilt microwave sensors

## ADDITIONAL INFORMATION

- Ballast class efficiency A2
- LED versions of this product are available (See Mercury One LED range)
- Lumen outputs will vary according to lamp brand and colour temp
- Suitable for 15mm or 24mm grid systems or Plasterboard ceilings
- Supplied less lamps, require T8 fluorescent

## DIMMABLE OPTIONS

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

## WARRANTY

5 year ballast warranty

## IP RATING

IP20 IP40

T418PR





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Typical installation

| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | CUT OUT (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|---|
| T236C2 | 2x36W | 1195x295x80 | 1180x280 | T8 | Cat2 | 6700lm | > 60 |
| T418C2 | 4x18W | 595x595x80 | 580x580 | T8 | Cat2 | 5400lm | > 45 |
| T436C2 | 4x36W | 1195x595x80 | 1180x580 | T8 | Cat2 | 13400lm | > 60 |
| T418 | 4x18W | 595x595x80 | 580x580 | T8 | Standard ribbed louvre | 5400lm | > 45 |
| T436 | 4x36W | 1195x595x80 | 1180x580 | T8 | Standard ribbed louvre | 13400lm | > 60 |
| T236PR | 2x36W | 1495x295x80 | 1480x280 | T8 | Prismatic | 6700lm | > 60 |
| T418PR | 4x18W | 595x595x80 | 580x580 | T8 | Prismatic | 5400lm | > 45 |
| T436PR | 4x36W | 1195x595x80 | 1180x580 | T8 | Prismatic | 13400lm | > 60 |

# MERCURY TWO LED

A range of LED recessed luminaires designed with quality materials and practicality in mind. These highly efficient luminaires are available in a wide range of sizes, diffusion options and can be supplied with LED lamps or with LED boards. They are suitable for use in all retail, commercial and general lighting applications where style and efficiency are both essential.

## MATERIALS

- High quality steel body
- Louvre retention via wishbone springs

## ACCESSORIES AND OPTIONS AVAILABLE

- All models are available with inbuilt PIR sensors
- 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.
- Opal versions available on special order
- Some models available with inbuilt PIR (SN) or microwave sensor (MS)

## 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
- Fluorescent versions of this product are available (See Mercury Two range)
- Lamps supplied are >RA80
- Suitable for 15mm or 24mm grid systems, or plasterboard ceilings

## DIMMABLE OPTIONS

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

## WARRANTY

5 year driver warranty

## IP RATING

IP20 IP40





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Typical installation

| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | CUT OUT (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|---|
| T305T5C2LED | 3x5W | 595x595x60 | 580x580 | T5 LED lamp | Cat2 | 1500lm | > 65 |
| T309T5C2LED | 3x9W | 595x595x60 | 580x580 | T5 LED lamp | Cat2 | 2700lm | > 65 |
| T405T5C2LED | 4x5W | 595x595x60 | 580x580 | T5 LED lamp | Cat2 | 2000lm | > 65 |
| T409T5C2LED | 4x9W | 595x595x60 | 580x580 | T5 LED lamp | Cat2 | 3600lm | > 65 |
| T305T5LED | 3x5W | 595x595x60 | 580x580 | T5 LED lamp | Standard ribbed louvre | 1500lm | > 65 |
| T309T5LED | 3x9W | 595x595x60 | 580x580 | T5 LED lamp | Standard ribbed louvre | 2700lm | > 65 |
| T405T5LED | 4x5W | 595x595x60 | 580x580 | T5 LED lamp | Standard ribbed louvre | 2000lm | > 65 |
| T409T5LED | 4x9W | 595x595x60 | 580x580 | T5 LED lamp | Standard ribbed louvre | 3600lm | > 65 |
| T310PRLED | 3x10W | 595x595x60 | 580x580 | LED Boards | Prismatic | 3200lm | > 60 |
| T320PRLED | 3x20W | 595x595x60 | 580x580 | LED Boards | Prismatic | 6050lm | > 60 |
| T410PRLED | 4x10W | 595x595x60 | 580x580 | LED Boards | Prismatic | 4250lm | > 60 |
| T420PRLED | 4x20W | 595x595x60 | 580x580 | LED Boards | Prismatic | 8050lm | > 60 |
| T220PRLED | 2x20W | 1195x295x60 | 1180x280 | LED Boards | Prismatic | 4250lm | > 65 |
| T250WPRLED | 2x50W | 1195x295x60 | 1180x280 | LED Boards | Prismatic | 9300lm | > 65 |
| T4202PRLED | 4x20W | 1195x295x60 | 1180x280 | LED Boards | Prismatic | 8500lm | > 65 |
| T450PRLED | 4x50W | 1195x295x60 | 1180x280 | LED Boards | Prismatic | 18600lm | > 65 |

# MERCURY TWO

A range of high frequency T5 recessed luminaires designed with quality materials and components supplied complete with CAT2 or low brightness louvre. These highly efficient luminaires are available in a wide range of sizes and are suitable for use in all retail, commercial and general lighting applications where style and efficiency are both essential.

## MATERIALS

- European branded control gear
- High quality steel body
- Louvre retention via wishbone springs

## ACCESSORIES AND OPTIONS AVAILABLE

- All models except ST models are available with inbuilt PIR sensors
- 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.
- Opal versions available on special order

## ADDITIONAL INFORMATION

- Ballast class efficiency A2
- LED versions of this product are available (See Mercury Two LED range)
- Lumen outputs will vary according to lamp brand and colour temp
- Suitable for 15mm or 24mm grid systems or plasterboard ceilings
- Supplied less lamps, require T5 fluorescent

## DIMMABLE OPTIONS

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

## WARRANTY

5 year ballast warranty

## IP RATING

IP20 IP40

Model no ST254





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| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | CUT OUT (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|---|
| T214C2 | 2x14W | 595x295x60 | 580x280 | T5 | Cat2 | 2460lm | > 45 |
| T224C2 | 2x24W | 595x295x60 | 580x280 | T5 | Cat2 | 3500lm | > 45 |
| T228C2 | 2x28W | 1195x295x60 | 1180x280 | T5 | Cat2 | 5280lm | > 60 |
| T254C2 | 2x54W | 1195x295x60 | 1180x280 | T5 | Cat2 | 8920lm | > 50 |
| T235C2 | 2x35W | 1495x295x60 | 1480x280 | T5 | Cat2 | 6640lm | > 60 |
| T249C2 | 2x49W | 1495x295x60 | 1480x280 | T5 | Cat2 | 8900lm | > 60 |
| T314C2 | 3x14W | 595x595x60 | 580x580 | T5 | Cat2 | 3690lm | > 60 |
| T324C2 | 3x24W | 595x595x60 | 580x580 | T5 | Cat2 | 5250lm | > 45 |
| T328C2 | 3x28W | 1195x595x60 | 1180x580 | T5 | Cat2 | 7920lm | > 60 |
| T354C2 | 3x54W | 1195x595x60 | 1180x580 | T5 | Cat2 | 13380lm | > 50 |
| T414C2 | 4x14W | 595x595x60 | 580x580 | T5 | Cat2 | 4920lm | > 50 |
| T424C2 | 4x24W | 595x595x60 | 580x580 | T5 | Cat2 | 7000lm | > 45 |
| T428C2 | 4x28W | 1195x595x60 | 1180x580 | T5 | Cat2 | 10560lm | > 60 |
| T454C2 | 4x54W | 1195x595x60 | 1180x580 | T5 | Cat2 | 17840lm | > 50 |
| T228 | 2x28W | 1195x295x60 | 1180x280 | T5 | Standard ribbed louvre | 5280lm | > 60 |
| ST228 | 2x28W | 1195x145x60 | 1180x130 | T5 | Standard ribbed louvre | 5280lm | > 60 |
| T254 | 2x54W | 1195x295x60 | 1180x280 | T5 | Standard ribbed louvre | 8920lm | > 50 |
| ST254 | 2x54W | 1195x145x60 | 1180x130 | T5 | Standard ribbed louvre | 8920lm | > 50 |
| T314 | 3x14W | 595x595x60 | 580x580 | T5 | Standard ribbed louvre | 3690lm | > 60 |
| T324 | 3x24W | 595x595x60 | 580x580 | T5 | Standard ribbed louvre | 5250lm | > 45 |
| T328 | 3x28W | 1195x595x60 | 1180x580 | T5 | Standard ribbed louvre | 7920lm | > 60 |
| T354 | 3x54W | 1195x595x60 | 1180x580 | T5 | Standard ribbed louvre | 13380lm | > 50 |
| T414 | 4x14W | 595x595x60 | 580x580 | T5 | Standard ribbed louvre | 4920lm | > 50 |
| T424 | 4x24W | 595x595x60 | 580x580 | T5 | Standard ribbed louvre | 7000lm | > 45 |
| T428 | 4x28W | 1195x595x60 | 1180x580 | T5 | Standard ribbed louvre | 10560lm | > 60 |
| T454 | 4x54W | 1195x595x60 | 1180x580 | T5 | Standard ribbed louvre | 17840lm | > 50 |
| T228PR | 2x28W | 1195x295x60 | 1180x280 | T5 | Prismatic | 5280lm | > 60 |
| T254PR | 2x54W | 1195x295x60 | 1180x280 | T5 | Prismatic | 8920lm | > 50 |
| T235PR | 2x35W | 1495x295x60 | 1480x280 | T5 | Prismatic | 6640lm | > 60 |
| T249PR | 2x49W | 1495x295x60 | 1480x280 | T5 | Prismatic | 8900lm | > 60 |
| T314PR | 3x14W | 595x595x60 | 580x580 | T5 | Prismatic | 3690lm | > 60 |
| T328PR | 3x28W | 1195x595x60 | 1180x580 | T5 | Prismatic | 7920lm | > 60 |
| T354PR | 3x54W | 1195x595x60 | 1180x580 | T5 | Prismatic | 13380lm | > 50 |
| T414PR | 4x14W | 595x595x60 | 580x580 | T5 | Prismatic | 4920lm | > 50 |
| T424PR | 4x24W | 595x595x60 | 580x580 | T5 | Prismatic | 7000lm | > 45 |
| T428PR | 4x28W | 1195x595x60 | 1180x580 | T5 | Prismatic | 10560lm | > 60 |
| T454PR | 4x54W | 1195x595x60 | 1180x580 | T5 | Prismatic | 17840lm | > 50 |

# MERCURY TWO V2

A range of high frequency T5 recessed luminaires designed with quality materials and components supplied complete with CAT2 louvre. These highly efficient luminaires are available in a wide range of sizes and diffusion options and are suitable for use in all retail, commercial and general lighting applications where style and efficiency are both essential.

## MATERIALS

- European branded control gear
- High quality steel body
- Louvre retention via wishbone springs

## ACCESSORIES AND OPTIONS AVAILABLE

- Available with inbuilt PIR or microwave sensors
- 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 MV2C/CLIPS.
- Opal versions available on special order

## ADDITIONAL INFORMATION

- Ballast class efficiency A2
- LED versions of this product are available (See Mercury Two LED range)
- Lumen outputs will vary according to lamp brand and colour temp
- Suitable for 15mm or 24mm grid systems or plasterboard ceilings
- Supplied less lamps, require T5 fluorescent

## DIMMABLE OPTIONS

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

## WARRANTY

5 year ballast warranty

## IP RATING

IP20





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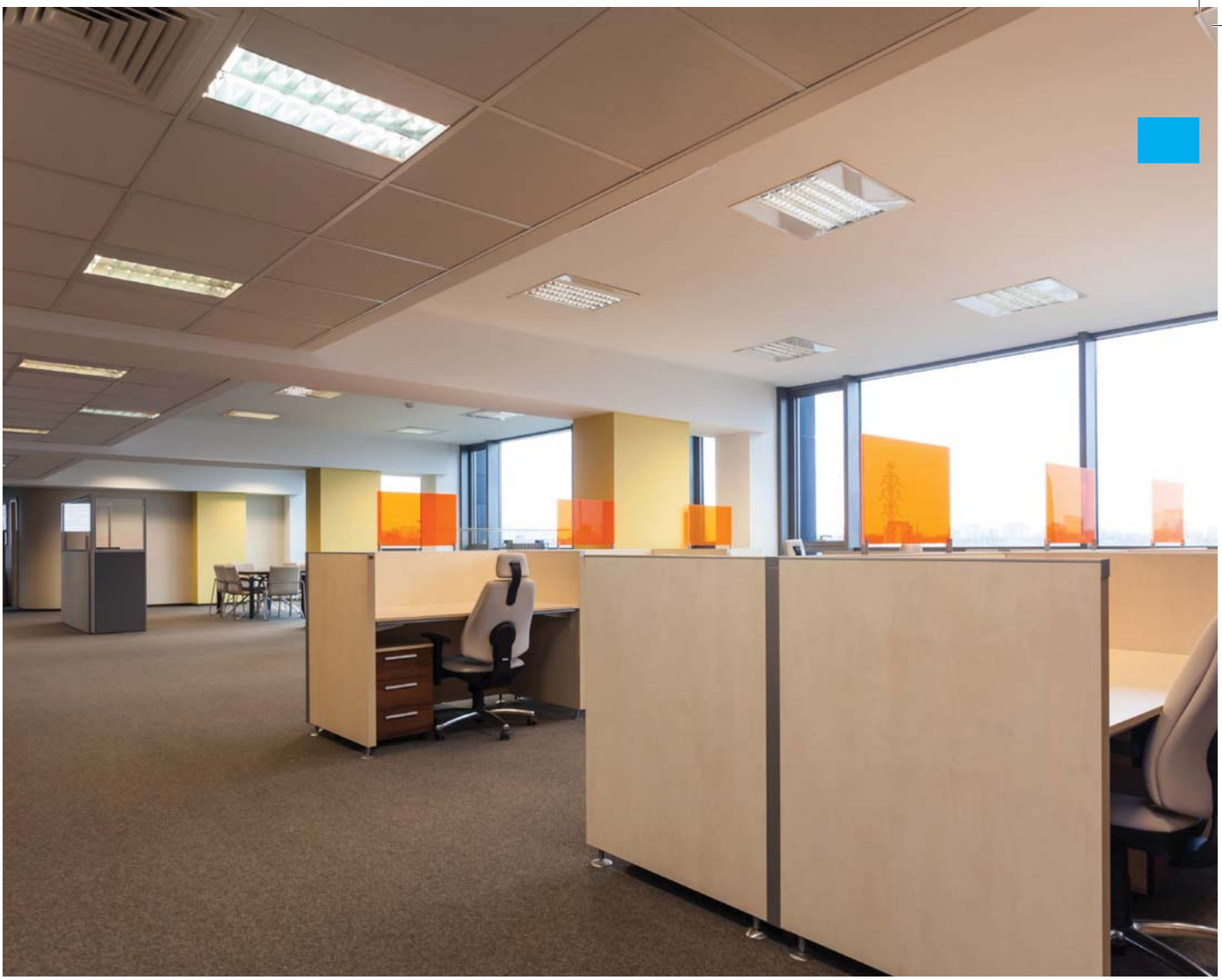

Typical installation

| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | CUT OUT (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|---|
| MV2228C2 | 2x28W | 1195x295x60 | 1180x280 | T5 | Cat2 | 5280lm | > 60 |
| MV2254C2 | 2x54W | 1195x295x60 | 1180x280 | T5 | Cat2 | 8920lm | > 50 |
| MV2235C2 | 2x35W | 1495x295x60 | 1480x280 | T5 | Cat2 | 6640lm | > 60 |
| MV2249C2 | 2x49W | 1495x295x60 | 1480x280 | T5 | Cat2 | 8900lm | > 60 |
| MV2314C2 | 3x14W | 595x595x60 | 580x580 | T5 | Cat2 | 3690lm | > 50 |
| MV2324C2 | 3x24W | 595x595x60 | 580x580 | T5 | Cat2 | 5250lm | > 45 |
| MV2328C2 | 3x28W | 1195x595x60 | 1180x580 | T5 | Cat2 | 7920lm | > 60 |
| MV2354C2 | 3x54W | 1195x595x60 | 1180x580 | T5 | Cat2 | 13380lm | > 50 |
| MV2414C2 | 4x14W | 595x595x60 | 580x580 | T5 | Cat2 | 4920lm | > 50 |
| MV2424C2 | 4x24W | 595x595x60 | 580x580 | T5 | Cat2 | 7000lm | > 45 |
| MV2428C2 | 4x28W | 1195x595x60 | 1180x580 | T5 | Cat2 | 10560lm | > 60 |
| MV2454C2 | 4x54W | 1195x595x60 | 1180x580 | T5 | Cat2 | 17840lm | > 50 |

# MERCURY THREE LED

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.

## 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
- Fluorescent versions of this product are available (See Mercury Three range)

## DIMMABLE OPTIONS

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

## WARRANTY

5 year driver warranty

## IP RATING

IP20

| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| RWW10LED | 10W | 595x295x85 | LED | Asymmetrical | 1070lm | > 60 |
| RWW20LED | 20W | 595x295x85 | LED | Asymmetrical | 2015lm | > 60 |
| RWW220LED | 20W | 1195x295x85 | LED | Asymmetrical | 2125lm | > 60 |
| RWW50LED | 50W | 1195x295x85 | LED | Asymmetrical | 4560lm | > 60 |
| SWW130LED | 130W | 1192x195x70 | LED | Asymmetrical | 2900lm | > 60 |





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# MERCURY THREE

A range of high frequency T5 or TC-L recessed wallwasher luminaires designed with quality materials and components. 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.

Recessed RWW models

## 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

- Ballast class efficiency A2
- Lumen outputs will vary according to lamp brand and colour temp
- LED versions of this product are available (See Mercury Three LED range)

## DIMMABLE OPTIONS

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

## WARRANTY

5 year ballast warranty

## IP RATING

IP20

| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| RWW140 | 1x40W | 595x295x85 | TC-L | Asymmetrical | 3500lm | > 45 |
| RWW155 | 1x55W | 595x295x85 | TC-L | Asymmetrical | 4800lm | > 45 |
| RWW240 | 2x40W | 1195x295x85 | TC-L | Asymmetrical | 7000lm | > 45 |
| RWW255 | 2x55W | 1195x295x85 | TC-L | Asymmetrical | 9600lm | > 45 |
| SWW128 | 1x28W | 1192x195x70 | T5 | Asymmetrical | 2640lm | > 45 |
| SWW154 | 1x54W | 1192x195x70 | T5 | Asymmetrical | 4460lm | > 45 |

# MERCURY FOUR LED

A range of recessed LED fixtures with centre ribbed louvre. These fixtures are manufactured with quality materials and components with LED boards as the lightsource. These highly efficient luminaires are the perfect solution for modernisation to energy saving 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.

## MATERIALS

- Back polished reflector for high light output
- European branded control gear
- High quality steel body
- Reflective aluminium louvre

## 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
- Opal versions available on special order

## WARRANTY

5 year driver warranty

## 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
- Fluorescent versions of this product are available (See Mercury Four range)
- Suitable for 15mm or 24mm grid systems or plasterboard ceilings

## DIMMABLE OPTIONS

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

## IP RATING

IP20

| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | CUT OUT (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|---|
| TM230 | 60W | 1195x595x60 | 1180x580 | LED | Standard ribbed louvre | 6000lm | > 70 |





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# MERCURY FOUR

A range of high frequency T5 recessed luminaires designed with quality materials and components supplied complete with ribbed louvre. These highly efficient luminaires are the perfect solution for modernisation to energy saving where the size is vital but fewer lamps are required 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.

## MATERIALS

- Back polished reflector for high light output
- European branded control gear
- High quality steel body
- Reflective aluminium louvre

## 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
- Opal versions available on special order

## WARRANTY

5 year ballast warranty

## ADDITIONAL INFORMATION

- Ballast class efficiency A2
- LED versions of this product are available (See Mercury Four LED range)
- Lumen outputs will vary according to lamp brand and colour temp
- Suitable for 15mm or 24mm grid systems, or plasterboard ceilings
- Supplied less lamps, require T5 fluorescent

## DIMMABLE OPTIONS

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

## IP RATING

IP20

| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | CUT OUT (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|---|
| TM228 | 2x28W | 1195x595x60 | 1180x580 | T5 | Standard ribbed louvre | 5280lm | > 60 |
| TM254 | 2x54W | 1195x595x60 | 1180x580 | T5 | Standard ribbed louvre | 8920lm | > 60 |

# MERCURY FIVE LED

A range of recessed LED luminaires designed with quality materials and components supplied complete with decorative diffuser and LED boards. 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 retail, commercial and general lighting applications where style and efficiency are both essential.

## MATERIALS

- Complete with decorative circular or wave diffuser
- European branded control gear
- High quality steel body

## ACCESSORIES AND OPTIONS AVAILABLE

- Available with inbuilt microwave sensors
- 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
- Fluorescent versions of this product are available (See Mercury Five range)
- Suitable for 15mm or 24mm grid systems, or plasterboard ceilings

## DIMMABLE OPTIONS

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

## WARRANTY

5 year driver warranty

## IP RATING

IP20





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| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | CUT OUT (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|---|
| M5310LED | 30W | 595x595x80 | 580x580 | LED Boards | Decorative circular diffuser | 3210lm | > 55 |
| M53410LED | 40W | 595x595x80 | 580x580 | LED Boards | Decorative circular diffuser | 4280lm | > 55 |
| M5320LED | 60W | 595x595x80 | 580x580 | LED Boards | Decorative circular diffuser | 6045lm | > 55 |
| M5420LED | 80W | 595x595x80 | 580x580 | LED Boards | Decorative circular diffuser | 8060lm | > 55 |
| M5310LEDWV | 30W | 595x595x80 | 580x580 | LED Boards | Decorative wave diffuser | 3210lm | > 55 |
| M5410LEDWV | 40W | 595x595x80 | 580x580 | LED Boards | Decorative wave diffuser | 4280lm | > 55 |
| M5320LEDWV | 60W | 595x595x80 | 580x580 | LED Boards | Decorative wave diffuser | 6045lm | > 55 |
| M5420LEDWV | 80W | 595x595x80 | 580x580 | LED Boards | Decorative wave diffuser | 8060lm | > 55 |

# MERCURY FIVE

A range of high frequency T5 recessed luminaires designed with quality materials and components supplied complete with decorative diffuser. 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 retail, commercial and general lighting applications where style and efficiency are both essential.

## MATERIALS

- Complete with decorative circular or wave diffuser
- European branded control gear
- High quality steel body

## ACCESSORIES AND OPTIONS AVAILABLE

- Available with inbuilt microwave sensors
- 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

- Ballast class efficiency A2
- LED versions of this product are available (See Mercury Five LED range)
- Lumen outputs will vary according to lamp brand and colour temp
- Suitable for 15mm or 24mm grid systems, or plasterboard ceilings
- Supplied less lamps, require T5 fluorescent

## DIMMABLE OPTIONS

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

## WARRANTY

5 year ballast warranty

## IP RATING

IP20







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| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | CUT OUT (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|---|
| M5314C | 3x14W | 595x595x80 | 580x580 | T5 | Decorative circular diffuser | 3690lm | > 50 |
| M53414C | 4x14W | 595x595x80 | 580x580 | T5 | Decorative circular diffuser | 4920lm | > 50 |
| M5324C | 3x24W | 595x595x80 | 580x580 | T5 | Decorative circular diffuser | 5250lm | > 40 |
| M5424C | 4x24W | 595x595x80 | 580x580 | T5 | Decorative circular diffuser | 7000lm | > 40 |
| M5314WV | 3x14W | 595x595x80 | 580x580 | T5 | Decorative wave diffuser | 3690lm | > 50 |
| M53414WV | 4x14W | 595x595x80 | 580x580 | T5 | Decorative wave diffuser | 4920lm | > 50 |
| M5324WV | 3x24W | 595x595x80 | 580x580 | T5 | Decorative wave diffuser | 5250lm | > 40 |
| M5424WV | 4x24W | 595x595x80 | 580x580 | T5 | Decorative wave diffuser | 7000lm | > 40 |

# MOON ONE LED

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 and efficiency. 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 retail and commercial environments, with a special emphasis on call centres, open plan offices, reception areas and back offices.

## 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
- Fluorescent versions of this product are available (See Moon One range)
- Suitable for 15mm or 24mm grid systems, or plasterboard ceilings

## DIMMABLE OPTIONS

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

## WARRANTY

5 year driver warranty

## IP RATING

IP20







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Typical installation

| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | CUT OUT (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|---|
| TID120 | 20W | 595x595x110 | 580x580 | LED | Indirect | 2015lm | > 65 |
| TID210 | 20W | 595x595x110 | 580x580 | LED | Indirect | 2150lm | > 65 |
| TID215 | 30W | 595x595x110 | 580x580 | LED | Indirect | 3000lm | > 65 |
| TID220 | 40W | 595x595x110 | 580x580 | LED | Indirect | 4030lm | > 65 |

# MOON ONE

A range of recessed indirect modular fittings made with quality components and designed to accommodate TC-L or T5 lamps. The indirect lighting of the Moon One allows for anti-glare diffused illumination without a compromise on style and efficiency. The Moon range is the answer to the need for high end aesthetics in a workspace environment whilst needing to stay cost conscious. They are suitable for all retail and commercial environments, with a special emphasis on call centres, open plan offices, reception areas and back offices.

## MATERIALS

- European branded control gear
- 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

- Ballast class efficiency A2
- LED versions of this product are available (See Moon One LED range)
- Lumen outputs will vary according to lamp brand and colour temp
- Suitable for 15mm or 24mm grid systems, or plasterboard ceilings
- Supplied less lamps, require TC-L or T5 fluorescent

## DIMMABLE OPTIONS

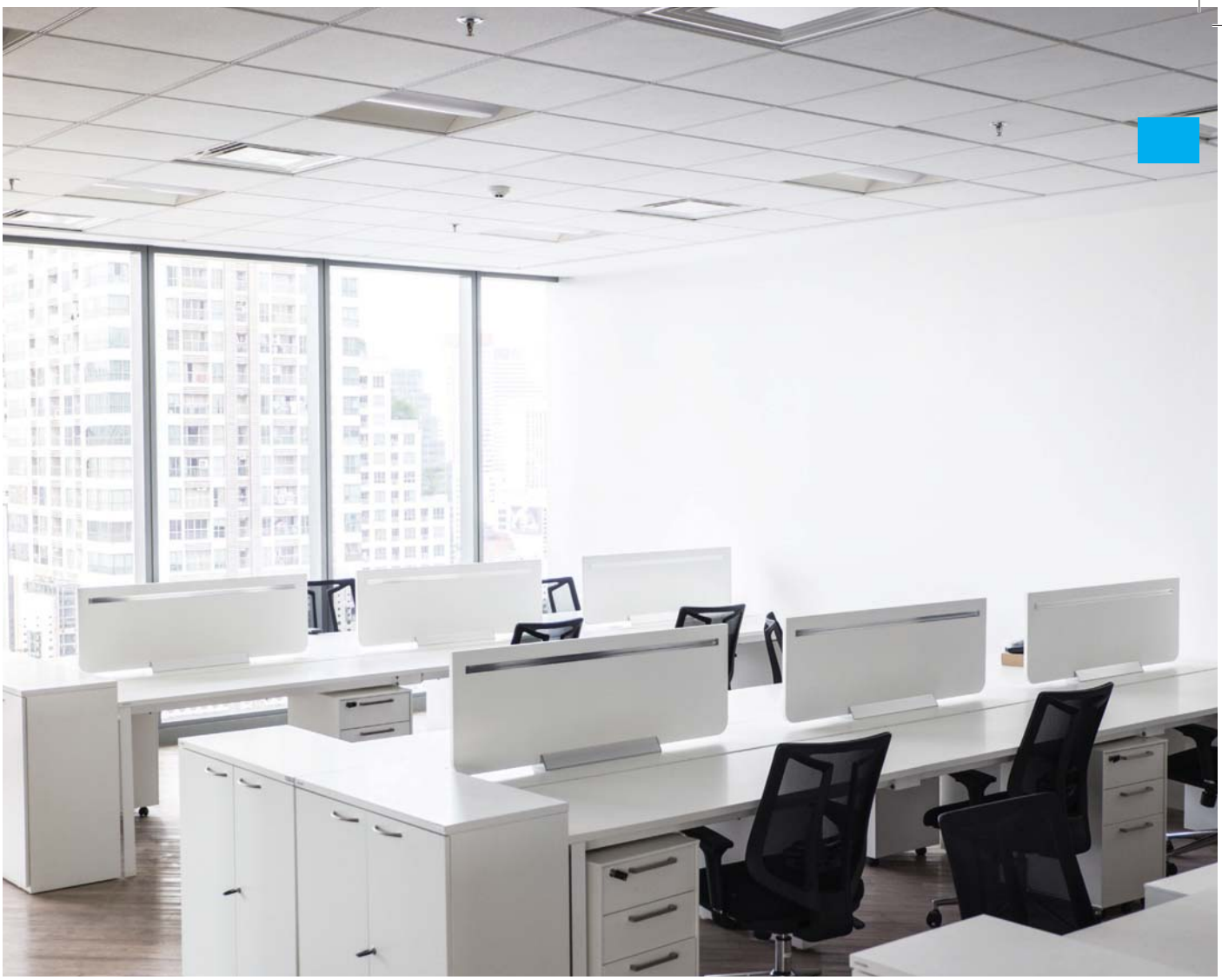
- /D for 1-10V dimmable
- /DD for DSI digital dimmable
- /DL for Dali and switch dimmable

## WARRANTY

5 year ballast warranty

## IP RATING

IP20



Typical installation

| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | CUT OUT (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|---|
| TID136 | 1x36W | 595x595x110 | 580x580 | TC-L | Indirect | 2900lm | > 35 |
| TID140 | 1x40W | 595x595x110 | 580x580 | TC-L | Indirect | 3500lm | > 40 |
| TID155 | 1x55W | 595x595x110 | 580x580 | TC-L | Indirect | 4800lm | > 40 |
| TID236 | 2x36W | 595x595x110 | 580x580 | TC-L | Indirect | 5800lm | > 35 |
| TID240 | 2x40W | 595x595x110 | 580x580 | TC-L | Indirect | 7000lm | > 40 |
| TID255 | 2x55W | 595x595x110 | 580x580 | TC-L | Indirect | 9600lm | > 40 |
| TID314 | 3x14W | 595x595x110 | 580x580 | TC-L | Indirect | 3690lm | > 35 |
| TID324 | 3x24W | 595x595x110 | 580x580 | TC-L | Indirect | 5250lm | > 30 |
| TID414 | 4x14W | 595x595x110 | 580x580 | TC-L | Indirect | 4920lm | > 35 |
| TID424 | 4x24W | 595x595x110 | 580x580 | TC-L | Indirect | 7000lm | > 30 |

# MOON TWO LED

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 all retail and commercial environments, with a special emphasis on call centres, open plan offices, reception areas and back offices.

## 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
- Fluorescent versions of this product are available (See Moon Two range)
- Suitable for 15mm or 24mm grid systems, or plasterboard ceilings

## DIMMABLE OPTIONS

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

## WARRANTY

5 year driver warranty

## 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 LxWxH (mm) | CUT OUT (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|---|
| TDID120 | 20W | 595x595x110 | 580x580 | LED | Direct/Indirect | 2015lm | > 75 |
| TDID210 | 20W | 595x595x110 | 580x580 | LED | Direct/Indirect | 2150lm | > 75 |
| TDID220 | 40W | 595x595x110 | 580x580 | LED | Direct/Indirect | 4030lm | > 75 |
| TDID1200P | 20W | 595x595x110 | 580x580 | LED | Direct/Indirect | 2015lm | > 75 |
| TDID2100P | 20W | 595x595x110 | 580x580 | LED | Direct/Indirect | 2150lm | > 75 |
| TDID2200P | 40W | 595x595x110 | 580x580 | LED | Direct/Indirect | 4030lm | > 75 |
| TDID2220P | 44W | 595x595x110 | 580x580 | LED | Direct/Indirect | 4400lm | > 80 |

Centre louvred versions

# MOON TWO

A range of recessed direct/indirect modular fittings made with quality components and designed to accommodate TC-L or T5 lamps. The indirect lighting of the Moon Two range allows for anti-glare diffused illumination without a compromise on style and efficiency. The Moon Two range allows for even distribution of indirect lighting and is the answer to needing to achieve LG7 compliance whilst requiring high end aesthetics in a workspace environment. They are suitable for all retail and commercial environments, with a special emphasis on call centres, open plan offices, reception areas and back offices

## MATERIALS

- European branded control gear
- High quality steel body
- Centre grid louvre or opal cover and indirect side shade

## 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

- Ballast class efficiency A2
- LED versions of this product are available (See Moon Two LED range)
- Lumen outputs will vary according to lamp brand and colour temp
- Suitable for 15mm or 24mm grid systems, or plasterboard ceilings
- Supplied less lamps, require TC-L or T5 fluorescent

## DIMMABLE OPTIONS

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

## WARRANTY

5 year ballast warranty

## 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 LxWxH (mm) | CUT OUT (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|---|
| TDID136 | 1x36W | 595x595x110 | 580x580 | TC-L | Direct/Indirect | 2900lm | > 40 |
| TDID140 | 1x40W | 595x595x110 | 580x580 | TC-L | Direct/Indirect | 3500lm | > 45 |
| TDID155 | 1x55W | 595x595x110 | 580x580 | TC-L | Direct/Indirect | 4800lm | > 45 |
| TDID214 | 2x14W | 595x595x110 | 580x580 | T5 | Direct/Indirect | 2460lm | > 45 |
| TDID224 | 2x24W | 595x595x110 | 580x580 | T5 | Direct/Indirect | 3500lm | > 35 |
| TDID236 | 2x36W | 595x595x110 | 580x580 | TC-L | Direct/Indirect | 5800lm | > 40 |
| TDID240 | 2x40W | 595x595x110 | 580x580 | TC-L | Direct/Indirect | 7000lm | > 45 |
| TDID255 | 2x55W | 595x595x110 | 580x580 | TC-L | Direct/Indirect | 9600lm | > 45 |
| TDID314 | 3x14W | 595x595x110 | 580x580 | T5 | Direct/Indirect | 3690lm | > 45 |
| TDID324 | 3x24W | 595x595x110 | 580x580 | T5 | Direct/Indirect | 5250lm | > 35 |
| TDID414 | 4x14W | 595x595x110 | 580x580 | T5 | Direct/Indirect | 4920lm | > 45 |
| TDID424 | 4x24W | 595x595x110 | 580x580 | T5 | Direct/Indirect | 7000lm | > 35 |
| TDID136OP | 1x36W | 595x595x110 | 580x580 | Centre opal diffuser | Centre aluminium louvre | 2900lm | > 40 |
| TDID140OP | 1x40W | 595x595x110 | 580x580 | Centre opal diffuser | Centre aluminium louvre | 3500lm | > 45 |
| TDID155OP | 1x55W | 595x595x110 | 580x580 | Centre opal diffuser | Centre aluminium louvre | 4800lm | > 45 |
| TDID214OP | 2x14W | 595x595x110 | 580x580 | Centre opal diffuser | Centre aluminium louvre | 2460lm | > 45 |
| TDID224OP | 2x24W | 595x595x110 | 580x580 | Centre opal diffuser | Centre aluminium louvre | 3500lm | > 35 |
| TDID236OP | 2x36W | 595x595x110 | 580x580 | Centre opal diffuser | Centre aluminium louvre | 5800lm | > 40 |
| TDID240OP | 2x40W | 595x595x110 | 580x580 | Centre opal diffuser | Centre aluminium louvre | 7000lm | > 45 |
| TDID255OP | 2x55W | 595x595x110 | 580x580 | Centre opal diffuser | Centre aluminium louvre | 9600lm | > 45 |
| TDID314OP | 3x14W | 595x595x110 | 580x580 | Centre opal diffuser | Centre aluminium louvre | 3690lm | > 45 |
| TDID324OP | 3x24W | 595x595x110 | 580x580 | Centre opal diffuser | Centre aluminium louvre | 5250lm | > 35 |
| TDID414OP | 4x14W | 595x595x110 | 580x580 | Centre opal diffuser | Centre aluminium louvre | 4920lm | > 45 |
| TDID424OP | 4x24W | 595x595x110 | 580x580 | Centre opal diffuser | Centre aluminium louvre | 7000lm | > 35 |

Opal version

# MOON THREE

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 area's.

## 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
- Suitable for 15mm or 24mm grid systems, or plasterboard ceilings

## DIMMABLE OPTIONS

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

## WARRANTY

5 year driver warranty

## 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 LxWxH (mm) | CUT OUT (mm) | LIGHT SOURCE | COVER TYPE | NET LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|---|
| TD40 | 40W | 595x595x110 | 580x580 | LED | Direct | 4100lm | > 95 |

# VENUS 54 LED

A range of 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 and cleanroom applications where style and efficiency are both essential.

## MATERIALS

- European branded driver
- High quality steel body
- Prismatic or opal diffuser for soft illumination
- Diffuser retention via wishbone springs

## ACCESSORIES AND OPTIONS AVAILABLE

- Available with inbuilt PIR or microwave sensors
- 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
- Fluorescent versions of this product are available (See Venus 54 range)
- Suitable for 15mm or 24mm grid systems, or plasterboard ceilings

## DIMMABLE OPTIONS

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

## WARRANTY

5 year driver warranty

## 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) | SIZE LxWxH (mm) | CUT OUT (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|---|
| T220PR/54 | 40W | 1195x295x80 | 1180x280 | LED | Prismatic | 4250lm | > 65 |
| T250PR/54 | 100W | 1195x295x80 | 1180x280 | LED | Prismatic | 9300lm | > 65 |
| T310PR/54 | 30W | 595x595x80 | 580x580 | LED | Prismatic | 3200lm | > 60 |
| T320PR/54 | 60W | 595x595x80 | 580x580 | LED | Prismatic | 6050lm | > 60 |
| T3202PR/54 | 60W | 1195x595x80 | 1180x580 | LED | Prismatic | 6375lm | > 65 |
| T350PR/54 | 150W | 1195x595x80 | 1180x580 | LED | Prismatic | 13950lm | > 65 |
| T410PR/54 | 40W | 595x595x80 | 580x580 | LED | Prismatic | 4250lm | > 60 |
| T420PR/54 | 80W | 595x595x80 | 580x580 | LED | Prismatic | 8050lm | > 60 |
| T4202PR/54 | 80W | 1195x595x80 | 1180x580 | LED | Prismatic | 8500lm | > 65 |
| T220OP/54 | 40W | 1195x295x80 | 1180x280 | LED | Opal | 4250lm | > 60 |
| T250OP/54 | 100W | 1195x295x80 | 1180x280 | LED | Opal | 9300lm | > 55 |
| T310OP/54 | 30W | 595x595x80 | 580x580 | LED | Opal | 3200lm | > 60 |
| T320OP/54 | 60W | 595x595x80 | 580x580 | LED | Opal | 6050lm | > 55 |
| T3202OP/54 | 60W | 1195x595x80 | 1180x580 | LED | Opal | 6375lm | > 55 |
| T350OP/54 | 150W | 1195x595x80 | 1180x580 | LED | Opal | 13950lm | > 55 |
| T410OP/54 | 40W | 595x595x80 | 580x580 | LED | Opal | 4250lm | > 60 |
| T420OP/54 | 80W | 595x595x80 | 580x580 | LED | Opal | 8050lm | > 55 |
| T4202OP/54 | 80W | 1195x595x80 | 1180x580 | LED | Opal | 8500lm | > 55 |

# VENUS 54

A range of high frequency T5 recessed luminaires designed with quality materials and components. These highly efficient luminaires are available in a range of sizes 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 and cleanroom applications where style and efficiency are both essential.

## MATERIALS

- Diffuser retention via wishbone springs
- European branded control gear
- High quality steel body

## ACCESSORIES AND OPTIONS AVAILABLE

- Available with inbuilt PIR or microwave sensors
- 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

- Ballast class efficiency A2
- LED versions of this product are available (See Venus 54 LED range)
- Lumen outputs will vary according to lamp brand and colour temp
- Suitable for 15mm or 24mm grid systems, or plasterboard ceilings
- Supplied less lamps, require T5 fluorescent

## DIMMABLE OPTIONS

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

## WARRANTY

5 year ballast warranty

## 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) | SIZE LxWxH (mm) | CUT OUT (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|---|
| T228PR/54 | 2x28W | 1195x295x80 | 1180x280 | T5 | Prismatic | 5280lm | > 60 |
| T254PR/54 | 2x54W | 1195x295x80 | 1180x280 | T5 | Prismatic | 8920lm | > 50 |
| T314PR/54 | 3x14W | 595x595x80 | 580x580 | T5 | Prismatic | 3690lm | > 60 |
| T324PR/54 | 3x24W | 595x595x80 | 580x580 | T5 | Prismatic | 5250lm | > 45 |
| T328PR/54 | 3x28W | 1195x595x80 | 1180x580 | T5 | Prismatic | 7920lm | > 60 |
| T354PR/54 | 3x54W | 1195x595x80 | 1180x580 | T5 | Prismatic | 13380lm | > 50 |
| T414PR/54 | 4x14W | 595x595x80 | 580x580 | T5 | Prismatic | 4920lm | > 50 |
| T424PR/54 | 4x24W | 595x595x80 | 580x580 | T5 | Prismatic | 7000lm | > 45 |
| T428PR/54 | 4x28W | 1195x595x80 | 1180x580 | T5 | Prismatic | 10560lm | > 60 |
| T454PR/54 | 4x54W | 1195x595x80 | 1180x580 | T5 | Prismatic | 17840lm | > 50 |
| T228OP/54 | 2x28W | 1195x295x80 | 1180x280 | T5 | Opal | 5280lm | > 50 |
| T254OP/54 | 2x54W | 1195x295x80 | 1180x280 | T5 | Opal | 8920lm | > 45 |
| T314OP/54 | 3x14W | 595x595x80 | 580x580 | T5 | Opal | 3690lm | > 50 |
| T324OP/54 | 3x24W | 595x595x80 | 580x580 | T5 | Opal | 5250lm | > 40 |
| T328OP/54 | 3x28W | 1195x595x80 | 1180x580 | T5 | Opal | 7920lm | > 50 |
| T354OP/54 | 3x54W | 1195x595x80 | 1180x580 | T5 | Opal | 13380lm | > 45 |
| T414OP/54 | 4x14W | 595x595x80 | 580x580 | T5 | Opal | 4920lm | > 45 |
| T424OP/54 | 4x24W | 595x595x80 | 580x580 | T5 | Opal | 7000lm | > 40 |
| T428OP/54 | 4x28W | 1195x595x80 | 1180x580 | T5 | Opal | 10560lm | > 50 |
| T454OP/54 | 4x54W | 1195x595x80 | 1180x580 | T5 | Opal | 17840lm | > 45 |

With C/CLIPS for plasterboard ceilings

# VENUS 65 LED

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.

## MATERIALS

- Diffuser retention via spring bolts
- European branded driver
- High quality steel body

## ACCESSORIES AND OPTIONS AVAILABLE

- Available with inbuilt or PIR microwave sensors
- 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
- Fluorescent versions of this product are available (See Venus 65 range)
- Suitable for 15mm or 24mm grid systems

## DIMMABLE OPTIONS

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

## WARRANTY

5 year driver warranty

## 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 | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| T220PR/65 | 40W | 1195x295x80 | LED | Prismatic | 4250lm | > 65 |
| T250PR/65 | 100W | 1195x295x80 | LED | Prismatic | 9300lm | > 65 |
| T310PR/65 | 30W | 595x595x80 | LED | Prismatic | 3200lm | > 60 |
| T320PR/65 | 60W | 595x595x80 | LED | Prismatic | 6050lm | > 60 |
| T410PR/65 | 40W | 595x595x80 | LED | Prismatic | 4250lm | > 60 |
| T420PR/65 | 80W | 595x595x80 | LED | Prismatic | 8050lm | > 60 |
| T220OP/65 | 40W | 1195x295x80 | LED | Opal | 4250lm | > 60 |
| T250OP/65 | 100W | 1195x295x80 | LED | Opal | 9300lm | > 55 |
| T310OP/65 | 30W | 595x595x80 | LED | Opal | 3200lm | > 60 |
| T320OP/65 | 60W | 595x595x80 | LED | Opal | 6050lm | > 55 |
| T410OP/65 | 40W | 595x595x80 | LED | Opal | 4250lm | > 60 |
| T420OP/65 | 80W | 595x595x80 | LED | Opal | 8050lm | > 55 |

# VENUS 65

A range of high frequency IP65 T5 recessed 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.

## MATERIALS

- Diffuser retention via spring bolts
- European branded control gear
- High quality steel body

## ACCESSORIES AND OPTIONS AVAILABLE

- Available with inbuilt PIR or microwave sensors
- 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

- Ballast class efficiency A2
- LED versions of this product are available (See Venus 65 LED range)
- Lumen outputs will vary according to lamp brand and colour temp
- Suitable for 15mm or 24mm grid systems
- Supplied less lamps, require T5 fluorescent

## DIMMABLE OPTIONS

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

## WARRANTY

5 year ballast warranty

## IP RATING

IP65

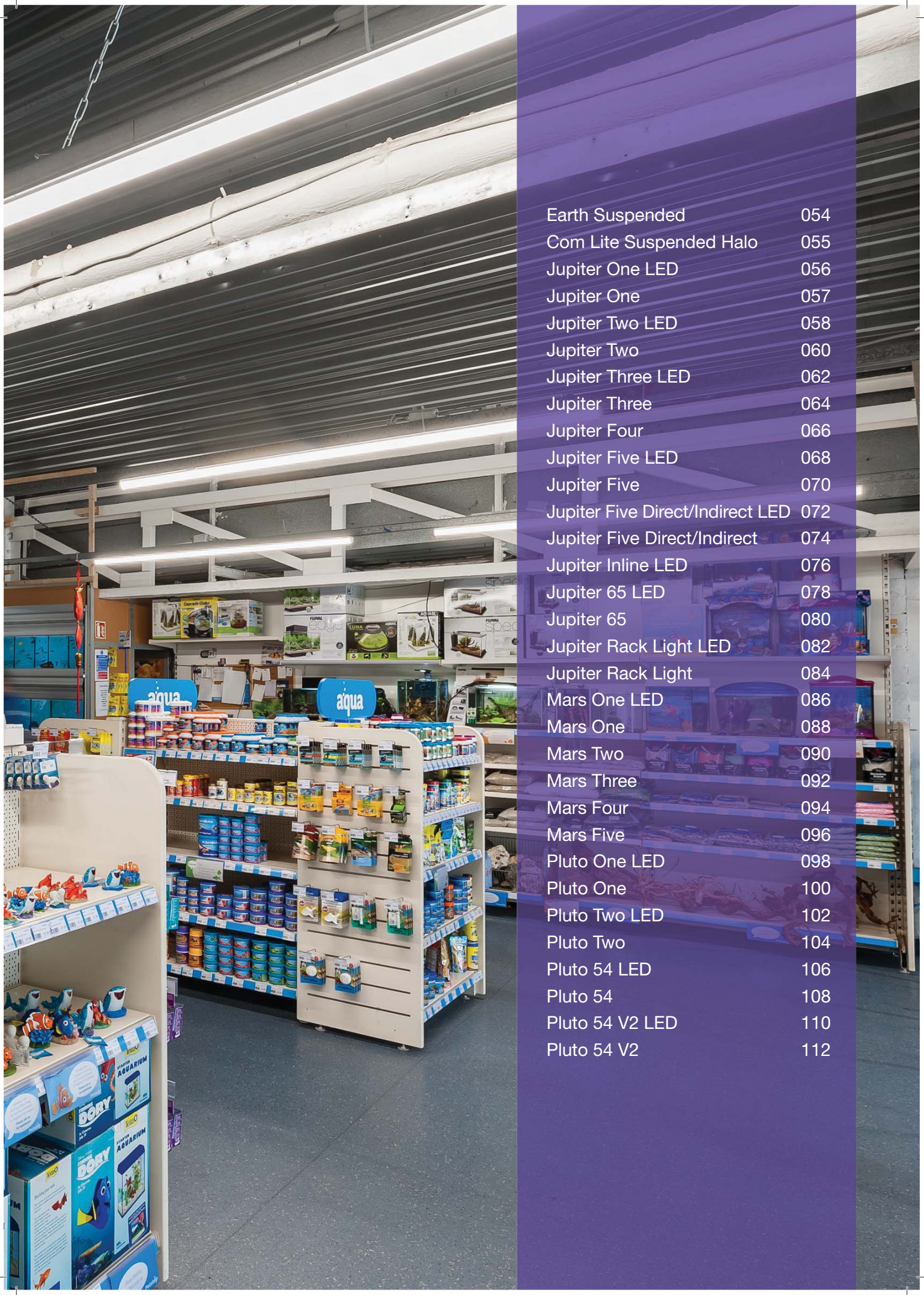




Tegral Quality Lighting
UK: salesuk@tegral-lighting.com 01279 461888 | Ireland: sales@tegral-lighting.com 00353 1 8309686 | www.tegral-lighting.com

| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| T228PR/65 | 2x28W | 1195x295x80 | T5 | Prismatic | 5280lm | > 60 |
| T254PR/65 | 2x54W | 1195x295x80 | T5 | Prismatic | 8920lm | > 50 |
| T314PR/65 | 3x14W | 595x595x80 | T5 | Prismatic | 3690lm | > 60 |
| T324PR/65 | 3x24W | 595x595x80 | T5 | Prismatic | 5250lm | > 45 |
| T328PR/65 | 3x28W | 1195x595x80 | T5 | Prismatic | 7920lm | > 60 |
| T354PR/65 | 3x54W | 1195x595x80 | T5 | Prismatic | 13380lm | > 50 |
| T414PR/65 | 4x14W | 595x595x80 | T5 | Prismatic | 4920lm | > 50 |
| T424PR/65 | 4x24W | 595x595x80 | T5 | Prismatic | 7000lm | > 45 |
| T428PR/65 | 4x28W | 1195x595x80 | T5 | Prismatic | 10560lm | > 60 |
| T454PR/65 | 4x54W | 1195x595x80 | T5 | Prismatic | 17840lm | > 50 |
| T228OP/65 | 2x28W | 1195x595x80 | T5 | Opal | 5280lm | > 50 |
| T254OP/65 | 2x54W | 1195x595x80 | T5 | Opal | 8920lm | > 45 |
| T314OP/65 | 3x14W | 595x595x80 | T5 | Opal | 3690lm | > 50 |
| T324OP/65 | 3x24W | 595x595x80 | T5 | Opal | 5250lm | > 40 |
| T328OP/65 | 3x28W | 1195x595x80 | T5 | Opal | 7920lm | > 50 |
| T354OP/65 | 3x54W | 1195x595x80 | T5 | Opal | 13380lm | > 45 |
| T414OP/65 | 4x14W | 595x595x80 | T5 | Opal | 4920lm | > 45 |
| T424OP/65 | 4x24W | 595x595x80 | T5 | Opal | 7000lm | > 40 |
| T428OP/65 | 4x28W | 1195x595x80 | T5 | Opal | 10560lm | > 50 |
| T454OP/65 | 4x54W | 1195x595x80 | T5 | Opal | 17840lm | > 45 |

# COMMERCIAL SURFACE




| | |
|---|---|
| Earth Suspended | 054 |
| Com Lite Suspended Halo | 055 |
| Jupiter One LED | 056 |
| Jupiter One | 057 |
| Jupiter Two LED | 058 |
| Jupiter Two | 060 |
| Jupiter Three LED | 062 |
| Jupiter Three | 064 |
| Jupiter Four | 066 |
| Jupiter Five LED | 068 |
| Jupiter Five | 070 |
| Jupiter Five Direct/Indirect LED | 072 |
| Jupiter Five Direct/Indirect | 074 |
| Jupiter Inline LED | 076 |
| Jupiter 65 LED | 078 |
| Jupiter 65 | 080 |
| Jupiter Rack Light LED | 082 |
| Jupiter Rack Light | 084 |
| Mars One LED | 086 |
| Mars One | 088 |
| Mars Two | 090 |
| Mars Three | 092 |
| Mars Four | 094 |
| Mars Five | 096 |
| Pluto One LED | 098 |
| Pluto One | 100 |
| Pluto Two LED | 102 |
| Pluto Two | 104 |
| Pluto 54 LED | 106 |
| Pluto 54 | 108 |
| Pluto 54 V2 LED | 110 |
| Pluto 54 V2 | 112 |

# EARTH SUSPENDED

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

### MATERIALS

- European brand driver
- High quality heat sink
- Made with Epistar or Sanan LEDs

### 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

### WARRANTY

5 year driver warranty

### IP RATING

IP20 IP40

| PRODUCT CODE | DESCRIPTION | WATTAGE (W) | SIZE LxWxH (mm) | BEAM ANGLE | LIGHT SOURCE | COVER TYPE | NET LUMEN | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|---|---|
| LEDCP32/84 | Suspended circular panel 4000k | 32W | 600x11 | 120° | LED | Opal Pmma | 2470lm | > 75 |
| LEDCP45/84 | Suspended circular panel 4000k | 45W | 600x11 | 120° | LED | Opal Pmma | 3475lm | > 75 |
| LEDP45UD/84 | Suspended rectangular panel Up/Down light | 45W | 1195x295x11 | 120° | LED | Opal Pmma | 3500lm | > 75 |
| LEDP42UD/84 | Suspended rectangular panel Up/Down light | 42W | 595x595x11 | 120° | LED | Opal Pmma | 3400lm | > 75 |





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# 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 where style and efficiency are both essential. They are suitable for all commercial and retail installations such as hotels, restaurants and receptions areas.

### MATERIALS

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

### ACCESSORIES AND OPTIONS AVAILABLE

- Leading/Trailing edge dimmable as standard

### ADDITIONAL INFORMATION

- 3000k-3200k supplied as standard. If 4000-4200k or 6000-6500k is needed please ass /84 or /86 at end of product code

### WARRANTY

3 year warranty

### 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 | 298x50 | LED | 1760lm |
| SUS25W/84 | Suspended Halo satin chrome triac dimmable 4000k | 25W | 298x50 | LED | 1900lm |

# JUPITER ONE LED

A range of surface mounted modular fittings made with quality materials and components and designed to accommodate T8 LED lamps. The Jupiter range is the solution to your requirement for effective 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.

### MATERIALS

- High quality steel body
- Louvre retention via wishbone springs

### ACCESSORIES AND OPTIONS AVAILABLE

- Emergency versions available. Please add /M3 to product code
- 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
- Fluorescent versions of this product are available (See Jupiter One range)

### WARRANTY

2 year lamp warranty

### IP RATING

IP20

| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| TS409C2LED | 4x9W | 610x600x80 | T8 LED lamp | Cat2 | 3200lm | > 60 |
| TS418C2LED | 4x18W | 1220x600x800 | T8 LED lamp | Cat2 | 7200lm | > 60 |
| TS409C2LED/B | - | 610x600x80 | Wired for single ended LED lamps | Cat2 | - | - |
| TS418C2LED/B | - | 1220x600x800 | Wired for single ended LED lamps | Cat2 | - | - |





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# JUPITER ONE

A range of surface mounted modular fittings designed to accommodate T8 lamps. Made with quality materials and components, the Jupiter range is the solution to your requirement for effective 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.

## MATERIALS

- European branded control gear
- High quality steel body
- Louvre retention via wishbone springs

## 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

- Ballast class efficiency A2
- LED versions of this product are available (See Jupiter One LED range)
- Lumen outputs will vary according to lamp brand and colour temp
- Supplied less lamps, require T8 fluorescent

## DIMMABLE OPTIONS

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

## WARRANTY

5 year ballast warranty

## IP RATING

IP20

| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| TS418C2 | 4x18W | 610x600x80 | T8 | Cat2 | 5400lm | > 45 |
| TS436C2 | 4x36W | 1220x600x800 | T8 | Cat2 | 13400lm | > 60 |

# JUPITER TWO LED

A range of surface mounted linear fittings made with quality materials and components designed to accommodate T8 LED lamps or LED boards, the Jupiter 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.

### MATERIALS

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

### 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
- Fluorescent versions of this product are available (See Jupiter Two range)

### DIMMABLE OPTIONS

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

### WARRANTY

2 year lamp warranty, 5 year driver warranty where applicable

### IP RATING

IP20





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Typical installation

| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| TS220C2 | 2x18W | 1233x211x71 | T8 LED lamp | Cat2 | 3600lm | > 70 |
| TS225C2 | 2x24W | 1533x211x71 | T8 LED lamp | Cat2 | 4600lm | > 70 |
| TS230C2 | 2x28W | 1833x211x71 | T8 LED lamp | Cat2 | 5200lm | > 70 |
| TS220C2/B | - | 1233x211x71 | Wired for single ended LED lamps | Cat2 | - | - |
| TS225C2/B | - | 1533x211x71 | Wired for single ended LED lamps | Cat2 | - | - |
| TS230C2/B | - | 1833x211x71 | Wired for single ended LED lamps | Cat2 | - | - |
| TS20C2 | 20W | 1233x211x71 | LED | Cat2 | 2100lm | > 75 |
| TS50C2 | 50W | 1233x211x71 | LED | Cat2 | 4650lm | > 75 |
| TS30C2 | 30W | 1533x211x71 | LED | Cat2 | 2900lm | > 75 |
| TS60C2 | 60W | 1533x211x71 | LED | Cat2 | 5350lm | > 75 |
| TS635C2 | 35W | 1833x211x71 | LED | Cat2 | 3100lm | > 75 |
| TS70C2 | 70W | 1833x211x71 | LED | Cat2 | 6200lm | > 75 |

# JUPITER TWO

A range of surface mounted linear fittings designed to accommodate T8 lamps. Made with quality materials and components, the Jupiter range is the solution to your requirement for effective 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.

### MATERIALS

- European branded control gear
- High quality steel body
- Louvre retention via spring clip

### 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

- Ballast class efficiency A2
- LED versions of this product are available (See Jupiter Two LED range)
- Lumen outputs will vary according to lamp brand and colour temp
- Supplied less lamps, require T8 fluorescent

### DIMMABLE OPTIONS

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

### WARRANTY

5 year ballast warranty

### IP RATING

IP20

| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| TS236C2 | 2x36W | 1233x211x71 | T8 | Cat2 | 6700lm | > 50 |
| TS258C2 | 2x58W | 1533x211x71 | T8 | Cat2 | 10400lm | > 50 |
| TS270C2 | 2x70W | 1833x211x71 | T8 | Cat2 | 12600lm | > 50 |

# JUPITER THREE LED

A range of surface mounted modular fittings made with quality materials, components and LED boards, the Jupiter range is the solution to your requirement for effective energy saving lighting whilst not needing to compromise on the classic design. 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 call centres, open plan offices, reception areas and back offices.

## MATERIALS

- European branded driver
- High quality steel body
- Louvre retention via wishbone springs
- Supplied with high quality T5 LED lamp on louvre versions or LED board on Opal and Prismatic versions

## ACCESSORIES AND OPTIONS AVAILABLE

- Available with inbuilt PIR sensor
- Can be made with built in sensor if required
- Dimmable versions available. (See dimmable options.)
- Emergency versions available. Add M3 for standard 3 hour emergency or ST for self test 3 hour emergency.
- Opal versions available on special order

## ADDITIONAL INFORMATION

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

## DIMMABLE OPTIONS

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

## WARRANTY

2 year lamp warranty where applicable

5 year driver warranty where applicable

## IP RATING

IP20 IP40





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| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| TS405C2 | 4x5W | 600x572x70 | T5 LED lamp | Cat2 | 2000lm | > 65 |
| TS409C2 | 4x9W | 600x572x70 | T5 LED lamp | Cat2 | 3600lm | > 65 |
| TS409PR | 4x9W | 600x610x70 | LED | Prismatic | 3600lm | > 55 |
| TS310PR | 3x10W | 600x610x70 | LED | Prismatic | 3200lm | > 60 |
| TS310OP | 3x10W | 600x610x70 | LED | Opal | 3200lm | > 55 |
| TS320PR | 3x20W | 600x610x70 | LED | Prismatic | 6050lm | > 60 |
| TS320OP | 3x20W | 600x610x70 | LED | Opal | 6050lm | > 55 |
| TS410PR | 4x10W | 600x610x70 | LED | Prismatic | 4250lm | > 60 |
| TS410OP | 4x10W | 600x610x70 | LED | Opal | 4250lm | > 55 |
| TS420PR | 4x20W | 600x610x70 | LED | Prismatic | 8050lm | > 60 |
| TS420OP | 4x20W | 600x610x70 | LED | Opal | 8050lm | > 55 |

# JUPITER THREE

A range of surface mounted modular fittings designed to accommodate T5 lamps. Made with quality materials and components, the Jupiter range is the solution to your requirement for effective lighting whilst not needing to compromise on the classic design. 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 call centres, open plan offices, reception areas and back offices.

## MATERIALS

- European branded control gear
- High quality steel body
- Louvre retention via wishbone springs

## 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.

## ADDITIONAL INFORMATION

- Ballast class efficiency A2
- LED versions of this product are available (See Jupiter Three LED range)
- Lumen outputs will vary according to lamp brand and colour temp
- Supplied less lamps, require T5 fluorescent

## DIMMABLE OPTIONS

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

## WARRANTY

5 year ballast warranty

## IP RATING

IP20 IP40





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| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| TS414C2 | 4x14W | 600x572x70 | T5 | Cat2 | 4920lm | > 50 |
| TS424C2 | 4x24W | 600x572x70 | T5 | Cat2 | 7000lm | > 45 |
| TS428C2 | 4x28W | 1200x572x70 | T5 | Cat2 | 10560lm | > 60 |
| TS454C2 | 4x54W | 1200x572x70 | T5 | Cat2 | 17840lm | > 50 |
| TS414PR | 4x14W | 600x572x70 | T5 | Prismatic | 4920lm | > 50 |
| TS424PR | 2x24W | 600x572x70 | T5 | Prismatic | 7000lm | > 45 |
| TS414OP | 4x14W | 600x572x70 | T5 | Opal | 4920lm | > 40 |
| TS424OP | 4x24W | 600x572x70 | T5 | Opal | 7000lm | > 35 |

# JUPITER FOUR

A range of surface mounted linear fittings designed to accommodate T5 lamps. Made with quality materials and components, the Jupiter range is the solution to your requirement for effective lighting whilst not needing to compromise on the classic design. Available in a range of sizes, 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.

## MATERIALS

- European branded control gear
- High quality steel body
- Louvre retention via spring clip

## 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

- Ballast class efficiency A2
- LED versions of this product are available (See Jupiter Two LED range)
- Lumen outputs will vary according to lamp brand and colour temp
- Supplied less lamps, require T5 fluorescent

## DIMMABLE OPTIONS

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

## WARRANTY

5 year ballast warranty

## IP RATING

IP20







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Typical installation

| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| TS128C2 | 1x28W | 1233x211x71 | T5 | Cat2 | 2640lm | > 50 |
| TS228C2 | 2x28W | 1233x211x71 | T5 | Cat2 | 5280lm | > 50 |
| TS154C2 | 1x54W | 1233x211x71 | T5 | Cat2 | 4460lm | > 50 |
| TS254C2 | 2x54W | 1233x211x71 | T5 | Cat2 | 8920lm | > 50 |
| TS135C2 | 1x35W | 1533x211x71 | T5 | Cat2 | 3320lm | > 55 |
| TS235C2 | 2x35W | 1533x211x71 | T5 | Cat2 | 6640lm | > 55 |
| TS149C2 | 1x49W | 1533x211x71 | T5 | Cat2 | 4450lm | > 55 |
| TS249C2 | 2x49W | 1533x211x71 | T5 | Cat2 | 8900lm | > 55 |
| TS180C2 | 1x80W | 1533x211x71 | T5 | Cat2 | 6150lm | > 45 |
| TS280C2 | 2x80W | 1533x211x71 | T5 | Cat2 | 12300lm | > 45 |

# JUPITER FIVE LED

A range of suspended linear fittings made with quality materials, components and LED boards, the Jupiter Five 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.

## 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
- Fluorescent versions of this product are available (See Jupiter Five range)

## DIMMABLE OPTIONS

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

## WARRANTY

5 year driver warranty

## IP RATING

IP20





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Typical installation

| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| TSF20C2 | 20W | 1184x142x111 | LED | Cat2 | 2100lm | > 65 |
| TSF30C2 | 30W | 1484x142x111 | LED | Cat2 | 2900lm | > 65 |
| TSF40C2 | 40W | 1184x142x111 | LED | Cat2 | 3700lm | > 65 |
| TSF50C2 | 50W | 1184x142x111 | LED | Cat2 | 4650lm | > 65 |
| TSF60C2 | 60W | 1484x142x111 | LED | Cat2 | 5350lm | > 65 |
| TSF50OP | 50W | 1184x142x130 | LED | Opal pmma | 4650lm | > 80 |
| TSF60OP | 60W | 1484x142x130 | LED | Opal pmma | 5350lm | > 80 |

# JUPITER FIVE

A range of suspended linear fittings designed to accommodate T5 lamps. Made with quality materials and components, the Jupiter Five range is the solution to your requirement for effective 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.

## 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

- Ballast class efficiency A2
- LED versions of this product are available (See Jupiter Five LED range)
- Lumen outputs will vary according to lamp brand and colour temp
- Supplied less lamps, require T5 fluorescent

## DIMMABLE OPTIONS

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

## WARRANTY

5 year ballast warranty

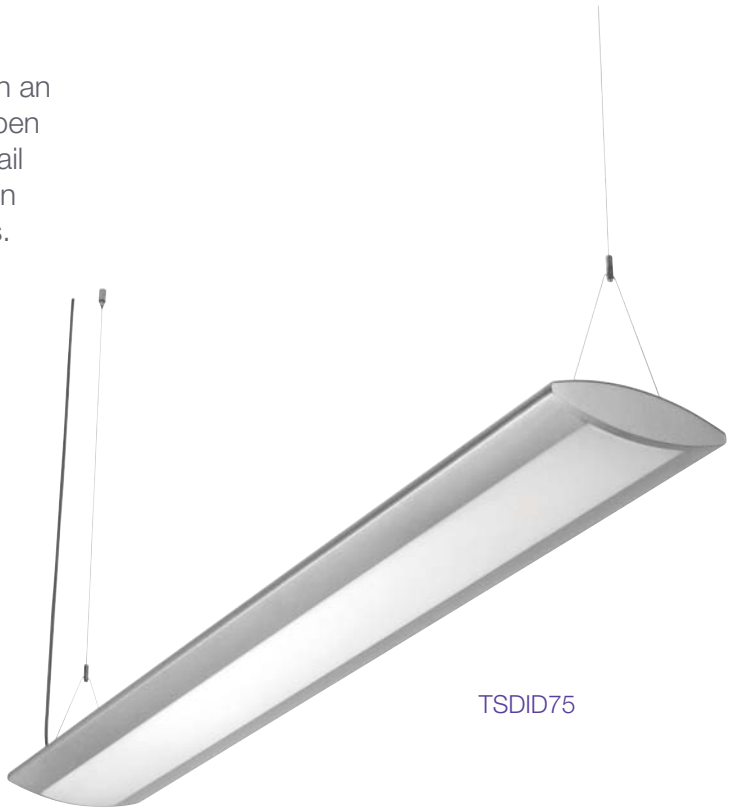
## IP RATING

IP20

| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| TSF128OP | 1x28W | 1184x142x111 | T5 | Opal | 2640lm | > 40 |
| TSF228OP | 2x28W | 1184x142x111 | T5 | Opal | 5280lm | > 40 |
| TSF154OP | 1x54W | 1184x142x111 | T5 | Opal | 4460lm | > 40 |
| TSF254OP | 2x54W | 1184x142x111 | T5 | Opal | 8920lm | > 40 |
| TSF135OP | 1x35W | 1484x142x111 | T5 | Opal | 3320lm | > 45 |
| TSF235OP | 2x35W | 1484x142x111 | T5 | Opal | 6640lm | > 45 |
| TSF149OP | 1x49W | 1484x142x111 | T5 | Opal | 4450lm | > 40 |
| TSF249OP | 2x49W | 1484x142x111 | T5 | Opal | 8900lm | > 40 |
| TSF128C2 | 1x28W | 1184x142x111 | T5 | Cat2 | 2640lm | > 45 |
| TSF228C2 | 2x28W | 1184x142x111 | T5 | Cat2 | 5280lm | > 45 |
| TSF154C2 | 1x54W | 1184x142x111 | T5 | Cat2 | 4460lm | > 40 |
| TSF254C2 | 2x54W | 1184x142x111 | T5 | Cat2 | 8920lm | > 40 |
| TSF135C2 | 1x35W | 1484x142x111 | T5 | Cat2 | 3320lm | > 45 |
| TSF235C2 | 2x35W | 1484x142x111 | T5 | Cat2 | 6640lm | > 45 |
| TSF149C2 | 1x49W | 1484x142x111 | T5 | Cat2 | 4450lm | > 45 |
| TSF249C2 | 2x49W | 1484x142x111 | T5 | Cat2 | 8900lm | > 45 |
| TSF180C2 | 1x80W | 1484x142x111 | T5 | Cat2 | 6150lm | > 40 |
| TSF280C2 | 2x80W | 1484x142x111 | T5 | Cat2 | 12300lm | > 40 |

# JUPITER FIVE LED DIRECT/INDIRECT

A range of suspended linear fittings made with quality materials, components and LED boards with direct/indirect backlit light diffusion. The Jupiter Five 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 open plan offices, retail space, reception areas, and halls.



TSDID75

### MATERIALS

- Complete with suspension kit as standard
- European branded control gear
- High quality aluminium alloy body with white finish

### ACCESSORIES AND OPTIONS AVAILABLE

- Dimming 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.
- Fluorescent versions of this product are available (See Jupiter Direct/Indirect range)

### DIMMABLE OPTIONS

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

### WARRANTY

5 year driver warranty

### IP RATING

IP20





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TSDID60WH

| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| TSDID35 | 35W | 1465x235x65 | LED | Opal | 3250lm | > 90 |
| TSDID75 | 75W | 1515x245x65 | LED | Opal | 6530lm | > 90 |
| TSDID60WH | 60W | 1600x200x31 | LED | Opal | 6600lm | > 100 |
| TSDIDLG60WH | 60W | 1600x200x31 | LED | Opal | 6000lm | > 100 |

# JUPITER FIVE DIRECT/INDIRECT

A range of suspended linear fittings made with quality materials, designed for use with T5 lamps with direct/indirect backlit light diffusion. The Jupiter Five 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 open plan offices, retail space, reception areas, and halls.

## MATERIALS

- Complete with 1mtr suspension kit as standard
- European branded control gear
- High quality aluminium alloy body with satin chrome finish
- Louvre retention via spring clip

## ACCESSORIES AND OPTIONS AVAILABLE

- Dimming 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

- Ballast class efficiency A2
- LED versions of this product are available (See Jupiter Direct/indirect LED range)
- Lumen outputs will vary according to lamp brand and colour temp
- Supplied less lamps, require T5 fluorescent

## DIMMABLE OPTIONS

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

## WARRANTY

5 year ballast warranty

## IP RATING

IP20





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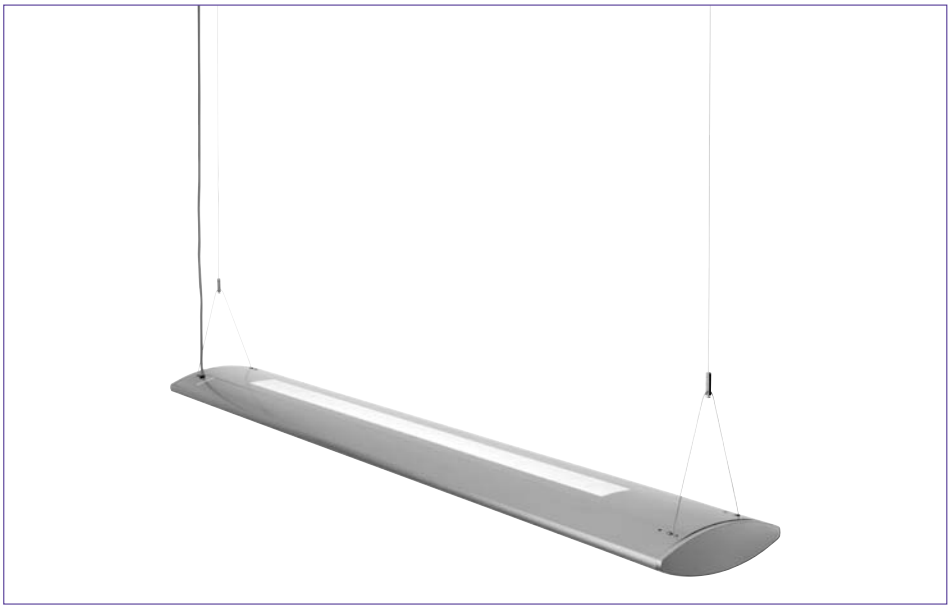
| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| TSDID135 | 1x35w | 1515x245x65 | T5 | Grid | 3320lm | > 60 |
| TSDID235 | 2x35w | 1515x245x65 | T5 | Grid | 6640lm | > 60 |
| TSDID149 | 1x49w | 1515x245x65 | T5 | Grid | 4460lm | > 60 |
| TSDID249 | 2x49w | 1515x245x65 | T5 | Grid | 8920lm | > 60 |



# JUPITER INLINE LED

Suspended decorative slim profile luminaires designed to accommodate LED technology. They are suitable for general lighting in retail and commercial applications.

IN120040

## MATERIALS

- Complete with suspension kit as standard
- European branded control gear
- High quality extruded aluminium body with satin chrome finish on IN models and high quality white paint (RAL9003) on PIN models.
- With opal pmma diffusers

## ACCESSORIES AND OPTIONS AVAILABLE

- Dimming 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.

## DIMMABLE OPTIONS

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

## WARRANTY

5 year driver warranty

## IP RATING

IP20 IP40

PIN models





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Typical installation

| PRODUCT CODE | DESCRIPTION | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|---|
| IN120020/84 | 1.2mtr extruded aluminium finish 4000k | 20W | 1176x67x90 | LED | Opal | 1700lm | > 75 |
| IN120040/84 | 1.2mtr extruded aluminium finish 4000k | 40W | 1176x67x90 | LED | Opal | 3300lm | > 75 |
| IN150030/84 | 1.5mtr extruded aluminium finish 4000k | 30W | 1476x67x90 | LED | Opal | 2400lm | > 75 |
| IN150060/84 | 1.5mtr extruded aluminium finish 4000k | 60W | 1476x67x90 | LED | Opal | 4200lm | > 75 |
| IN120020UD/84 | 1.2mtr extruded aluminium finish 4000k direct/indirect | 20W | 1176x67x90 | LED | Opal | 1700lm | > 75 |
| IN120040UD/84 | 1.2mtr extruded aluminium finish 4000k direct/indirect | 50W | 1176x67x90 | LED | Opal | 3300lm | > 75 |
| IN150030UD/84 | 1.5mtr extruded aluminium finish 4000k direct/indirect | 30W | 1476x67x90 | LED | Opal | 2400lm | > 75 |
| IN150060UD/84 | 1.5mtr extruded aluminium finish 4000k direct/indirect | 60W | 1476x67x90 | LED | Opal | 4200lm | > 75 |
| PIN120040/84 | 1.2mtr white finish 4000k | 40W | 1160x104x80 | LED | Opal | 3535lm | > 85 |
| PIN150035/84 | 1.5mtr white finish 4000k | 35W | 1420x104x80 | LED | Opal | 3265lm | > 85 |
| PIN150050/84 | 1.5mtr white finish 4000k | 50W | 1420x104x80 | LED | Opal | 4425lm | > 85 |

## ACCESSORIES

| | |
|---|---|
| INJNR | Joiner for In models |
| PINSKIT | Suspension brackets for Pin models |
| PINJNR | Joiner for PIN models |

INJNR

PINJNR

# JUPITER 65 LED

A range of surface mounted IP65 rated modular fittings designed with quality materials, components and LED boards, the Jupiter 65 range is the solution to your requirement for effective IP65 lighting whilst not needing to compromise on the classic design. Available in a range of outputs and diffusion options, they are suitable for use in all retail and commercial lighting installations with an emphasis on clean rooms, laboratories, hospitals and pool areas.

## MATERIALS

- Diffuser retention via wishbone springs
- European branded driver
- High quality steel body
- Prismatic or opal diffuser for soft illumination

## ACCESSORIES AND OPTIONS AVAILABLE

- Available with inbuilt microwave sensors
- 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
- Fluorescent versions of this product are available (See Jupiter 65 range)

## DIMMABLE OPTIONS

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

## WARRANTY

5 year driver warranty

## 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 | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| TS220PR/65 | 40W | 1195x295x80 | LED | Prismatic | 4250lm | > 65 |
| TS250PR/65 | 100W | 1195x295x80 | LED | Prismatic | 9300lm | > 65 |
| TS310PR/65 | 30W | 595x595x80 | LED | Prismatic | 3200lm | > 60 |
| TS320PR/65 | 60W | 595x595x80 | LED | Prismatic | 6050lm | > 60 |
| TS410PR/65 | 40W | 595x595x80 | LED | Prismatic | 4250lm | > 60 |
| TS420PR/65 | 80W | 595x595x80 | LED | Prismatic | 8050lm | > 60 |
| TS220OP/65 | 40W | 1195x295x80 | LED | Opal | 4250lm | > 60 |
| TS250OP/65 | 100W | 1195x295x80 | LED | Opal | 9300lm | > 55 |
| TS310OP/65 | 30W | 595x595x80 | LED | Opal | 3200lm | > 60 |
| TS320OP/65 | 60W | 595x595x80 | LED | Opal | 6050lm | > 55 |
| TS410OP/65 | 40W | 595x595x80 | LED | Opal | 4250lm | > 60 |
| TS420OP/65 | 80W | 595x595x80 | LED | Opal | 8050lm | > 55 |

TS220OP65

# JUPITER 65

A range of surface mounted IP65 rated modular fittings designed to accommodate T5 lamps. Made with quality materials and components, the Jupiter range is the solution to your requirement for effective IP65 rated lighting whilst not needing to compromise on the classic design. Available in a range of wattages and diffusion options, they are suitable for use in all retail and commercial lighting installations with an emphasis on clean rooms, laboratories, hospitals and pool areas.

### MATERIALS

- Diffuser retention via wishbone springs
- European branded control gear
- High quality steel body

### ACCESSORIES AND OPTIONS AVAILABLE

- Available with inbuilt microwave sensors
- 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

- Ballast class efficiency A2
- LED versions of this product are available (See Jupiter 65 LED range)
- Lumen outputs will vary according to lamp brand and colour temp
- Supplied less lamps, require T5 fluorescent

### DIMMABLE OPTIONS

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

### WARRANTY

5 year ballast warranty

### IP RATING

IP65





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Typical installation

| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| TS228PR/65 | 2x28W | 1195x295x80 | T5 | Prismatic | 5280lm | > 60 |
| TS254PR/65 | 2x54W | 1195x295x80 | T5 | Prismatic | 8920lm | > 50 |
| TS314PR/65 | 3x14W | 595x595x80 | T5 | Prismatic | 3690lm | > 60 |
| TS324PR/65 | 3x24W | 595x595x80 | T5 | Prismatic | 5250lm | > 45 |
| TS414PR/65 | 4x14W | 595x595x80 | T5 | Prismatic | 4920lm | > 50 |
| TS424PR/65 | 4x24W | 595x595x80 | T5 | Prismatic | 7000lm | > 45 |
| TS228OP/65 | 2x28W | 1195x295x80 | T5 | Opal | 5280lm | > 50 |
| TS254OP/65 | 2x54W | 1195x295x80 | T5 | Opal | 8920lm | > 45 |
| TS314OP/65 | 3x14W | 595x595x80 | T5 | Opal | 3690lm | > 50 |
| TS324OP/65 | 3x24W | 595x595x80 | T5 | Opal | 5250lm | > 40 |
| TS414OP/65 | 4x14W | 595x595x80 | T5 | Opal | 4920lm | > 45 |
| TS424OP/65 | 4x24W | 595x595x80 | T5 | Opal | 7000lm | > 40 |

# JUPITER RACK LIGHT LED

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
- 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

## 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 LxWxH (mm) | LIGHT SOURCE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|
| JRL218 | 2x18W | 1178x284x52 | T8 LED lamp | 3600lm | > 75 |
| JRL225 | 2x25W | 1478x284x52 | T8 LED lamp | 4600lm | > 75 |
| JRL218/B | - | 1178x284x52 | Wired for single ended LED lamps | - | - |
| JRL225/B | - | 1478x284x52 | Wired for single ended LED lamps | - | - |
| JRL230 | 2x30W | 1178x284x52 | LED | 6000lm | > 80 |
| JRL240 | 2x40W | 1478x284x52 | LED | 8000lm | > 80 |

# JUPITER RACK LIGHT

A range of surface/ suspended highly reflective fixtures designed with quality materials and components for use with T5 fluorescent lamps. 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
- High quality steel body with high output aluminium reflector
- White finish as standard

### ACCESSORIES AND OPTIONS AVAILABLE

- Dimming 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 available. Order ref RL/SUSKIT.

### ADDITIONAL INFORMATION

- Ballast class efficiency A2
- LED versions of this product are available (See Jupiter Rack Light LED range)
- Lumen outputs will vary according to lamp brand and colour temp
- Supplied less lamps, require T5 fluorescent

### DIMMABLE OPTIONS

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

### WARRANTY

5 year ballast warranty

### IP RATING

IP20





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

| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|
| JRL228 | 2x28W | 1178x284x52 | T5 | 5280lm | > 70 |
| JRL235 | 2x35W | 1478x284x52 | T5 | 6640lm | > 70 |
| JRL249 | 2x49W | 1478x284x52 | T5 | 8900lm | > 65 |
| JRL254 | 2x54W | 1178x284x52 | T5 | 8920lm | > 65 |
| JRL280 | 2x80W | 1478x284x52 | T5 | 12300lm | > 60 |

# MARS ONE LED

A range of LED surface batten luminaires designed to accommodateT8 LED lamps. They are suitable for general lighting in retail and commercial applications.

### MATERIALS

- High quality sheet steel powder coated housing
- Options with lamps have glass LED lamps 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

- Fluorescent versions of this product are available (See Mars One range)
- Full range of accessories available
- 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





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 LxWxH (mm) | LIGHT SOURCE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| BAT2SLED | 2ft single batten with LED lamp | 1x9W | 640x48x40 | T8 LED Lamp | 800lm | > 70 |
| BAT2SLED/S | 2ft single batten wired for single ended LED lamp | - | 640x48x40 | T8 LED Lamp | - | - |
| BAT2TLED | 2ft twin batten with LED lamps | 2x9W | 640x48x40 | T8 LED Lamp | 1600lm | > 70 |
| BAT2TLED/B | 2ft twin batten wired for single ended LED lamps | - | 640x48x40 | T8 LED Lamp | - | - |
| BAT4SLED | 4ft single batten with LED lamp | 1x18W | 1240x48x40 | T8 LED Lamp | 1800lm | > 75 |
| BAT4SLED/B | 4ft single batten wired for single ended LED lamp | - | 1240x48x40 | T8 LED Lamp | - | - |
| BAT4TLED | 4ft twin batten with LED lamps | 2x18W | 1240x48x40 | T8 LED Lamp | 3600lm | > 75 |
| BAT4TLED/B | 4ft twin batten wired for single ended LED lamps | - | 1240x48x40 | T8 LED Lamp | - | - |
| BAT5SLED | 5ft single batten with LED lamp | 1x24W | 1540x48x40 | T8 LED Lamp | 2300lm | > 75 |
| BAT5SLED/B | 5ft single batten wired for single ended LED lamp | - | 1540x48x40 | T8 LED Lamp | - | - |
| BAT5TLED | 5ft twin batten with LED lamps | 2x24W | 1540x48x40 | T8 LED Lamp | 4600lm | > 75 |
| BAT5TLED/B | 5ft twin batten wired for single ended LED lamps | - | 1540x48x40 | T8 LED Lamp | - | - |
| BAT6SLED | 6ft single batten with LED lamp | 1x28W | 1840x48x40 | T8 LED Lamp | 2600lm | > 70 |
| BAT6SLED/B | 6ft single batten wired for single ended LED lamp | - | 1840x48x40 | T8 LED Lamp | - | - |
| BAT6TLED | 6ft twin batten with LED lamps | 2x28W | 1840x48x40 | T8 LED Lamp | 5200lm | > 70 |
| BAT6TLED/B | 6ft twin batten wired for single ended LED lamps | - | 1840x48x40 | T8 LED Lamp | - | - |

| ACCESSORIES | DESCRIPTION | SIZE LxWxH (mm) |
|---|---|---|
| DIF4SOP | Opal diffuser for 4ft single batten | 1240x60x60 |
| DIF4SPR | Prismatic diffuser for 4ft single batten | 1240x60x60 |
| DIF4TOP | Opal diffuser for 4ft twin batten | 1240x115x60 |
| DIF4TPR | Prismatic diffuser for 4ft twin batten | 1240x115x60 |
| DIF5SOP | Opal diffuser for 5ft single batten | 1540x60x60 |
| DIF5SPR | Prismatic diffuser for 5ft single batten | 1540x60x60 |
| DIF5TOP | Opal diffuser for 5ft twin batten | 1540x115x60 |
| DIF5TPR | Prismatic diffuser for 5ft twin batten | 1540x115x60 |
| DIF6SPR | Prismatic diffuser for 6ft single batten | 1840x60x60 |
| DIF6TPR | Prismatic diffuser for 6ft twin batten | 1840x60x60 |
| 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 | - |

# MARS ONE

A range of high frequency surface batten luminaires designed to accommodateT8 lamps. They are suitable for general lighting in retail and commercial applications.

### MATERIALS

- European branded control gear
- High quality sheet steel powder coated housing

### 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

- Ballast class efficiency A2
- Full range of accessories available
- LED versions of this product are available (See Mars One LED range)
- Lumen outputs will vary according to lamp brand and colour temp
- Supplied less lamps, require T8 fluorescent

### DIMMABLE OPTIONS

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

### WARRANTY

5 year ballast warranty

### IP RATING

IP20





Tegral Quality Lighting

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| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|
| TB118 | 1x18W | 640x48x40 | T8 | 1350lm | > 60 |
| TB218 | 2x18W | 640x48x40 | T8 | 2700lm | > 60 |
| TB136 | 1x36W | 1240x48x40 | T8 | 3350lm | > 75 |
| TB236 | 2x36W | 1240x48x40 | T8 | 6700lm | > 75 |
| TB158 | 1x58W | 1540x48x40 | T8 | 5200lm | > 75 |
| TB258 | 2x58W | 1540x48x40 | T8 | 10400lm | > 75 |
| TB170 | 1x70W | 1840x48x40 | T8 | 6300lm | > 75 |
| TB270 | 2x70W | 1840x48x40 | T8 | 12600lm | > 75 |

## ACCESSORIES

Full range of accesssories available please see page 87

# MARS TWO

A range of high frequency surface slim profile batten luminaires designed to accommodate T5 lamps. They are suitable for general lighting in retail and commercial applications.

### MATERIALS

- European branded control gear
- High quality sheet steel powder coated housing

### 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

- Ballast class efficiency A2
- Full range of accessories available
- LED versions of this product are available (See Mars One LED range)
- Lumen outputs will vary according to lamp brand and colour temp
- Supplied less lamps, require T5 fluorescent

### DIMMABLE OPTIONS

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

### WARRANTY

5 year ballast warranty

### IP RATING

IP20





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| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|
| TSB114 | 1x14W | 575x38x33 | T5 | 1230lm | > 70 |
| TSB214 | 2x14W | 575x38x33 | T5 | 2460lm | > 70 |
| TSB128 | 1x28W | 1175x38x33 | T5 | 2640lm | > 75 |
| TSB228 | 2x28W | 1175x38x33 | T5 | 5280lm | > 75 |
| TSB135 | 1x35W | 1475x38x33 | T5 | 3320lm | > 75 |
| TSB235 | 2x35W | 1475x38x33 | T5 | 6640lm | > 75 |
| TSB149 | 1x49W | 1475x38x33 | T5 | 4450lm | > 75 |
| TSB249 | 2x49W | 1475x38x33 | T5 | 8900lm | > 75 |
| TSB154 | 1x54W | 1175x38x33 | T5 | 4460lm | > 70 |
| TSB254 | 2x54W | 1175x38x33 | T5 | 8920lm | > 70 |
| TSB180 | 1x80W | 1475x38x33 | T5 | 6150lm | > 65 |
| TSB280 | 2x80W | 1475x38x33 | T5 | 12300lm | > 55 |

| ACCESSORIES | DESCRIPTION | SIZE LxWxH (mm) |
|---|---|---|
| DIF128OP | Opal diffuser for 4ft single batten | 1185x52x52.5 |
| DIF128PR | Prismatic diffuser for 4ft single batten | 1185x52x52.5 |
| DIF228OP | Opal diffuser for 4ft twin batten | 1185x57x86 |
| DIF228PR | Prismatic diffuser for 4ft twin batten | 1185x57x86 |
| DIF149OP | Opal diffuser for 5ft single batten | 1485x52x52.5 |
| DIF149PR | Prismatic diffuser for 5ft single batten | 1485x52x52.5 |
| DIF249OP | Opal diffuser for 5ft twin batten | 1485x57x86 |
| DIF249PR | Prismatic diffuser for 5ft twin batten | 1485x57x86 |
| ARF28 | Polished aluminium reflector for 4ft battens | - |
| ARF49 | Polished aluminium reflector for 5ft battens | - |
| RF28 | White powder coated reflector for 4ft battens | - |
| RF49 | White powder coated reflector for 5ft battens | - |

# MARS THREE

A range of high frequency surface batten luminaires designed to accommodate T5 lamps manufactured with T8 size bodies. They are suitable for general lighting in retail and commercial applications.

### MATERIALS

- European branded control gear
- High quality sheet steel powder coated housing

### 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.
- Mars One accessories can be used with this range

### ADDITIONAL INFORMATION

- Ballast class efficiency A2
- Full range of accessories available
- LED versions of this product are available (See Mars One LED range)
- Lumen outputs will vary according to lamp brand and colour temp
- Supplied less lamps, require T5 fluorescent

### DIMMABLE OPTIONS

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

### WARRANTY

5 year ballast warranty

### 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 LxWxH (mm) | LIGHT SOURCE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|
| TB114 | 1x14W | 640x48x40 | T5 | 1230lm | > 70 |
| TB214 | 2x14W | 640x48x40 | T5 | 2460lm | > 70 |
| TB128 | 1x28W | 1240x48x40 | T5 | 2640lm | > 75 |
| TB228 | 2x28W | 1240x48x40 | T5 | 5280lm | > 75 |
| TB135 | 1x35W | 1540x48x40 | T5 | 3320lm | > 75 |
| TB235 | 2x35W | 1540x48x40 | T5 | 6640lm | > 75 |
| TB149 | 1x49W | 1540x48x40 | T5 | 4450lm | > 75 |
| TB249 | 2x49W | 1540x48x40 | T5 | 8900lm | > 75 |
| TB154 | 1x54W | 1240x48x40 | T5 | 4460lm | > 70 |
| TB254 | 2x54W | 1240x48x40 | T5 | 8920lm | > 70 |
| TB180 | 1x80W | 1540x48x40 | T5 | 6150lm | > 65 |
| TB280 | 2x80W | 1540x48x40 | T5 | 12300lm | > 55 |

# MARS FOUR

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

### 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

### WARRANTY

5 year warranty

### 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 LxWxH (mm) | LIGHT SOURCE | LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| BAT430/84 | 4ft batten with led strip and opal cover 4000k | 30W | 1167x62x72 | LED | 3300lm | > 100 |
| BAT445/84 | 4ft batten with led strip and opal cover 4000k | 45W | 1167x62x72 | LED | 4950lm | > 100 |
| BAT530/84 | 5ft batten with led strip and opal cover 4000k | 30W | 1467x62x72 | LED | 3300lm | > 100 |
| BAT545/84 | 5ft batten with led strip and opal cover 4000k | 45W | 1467x62x72 | LED | 4950lm | > 100 |
| BAT560/84 | 5ft batten with led strip and opal cover 4000k | 60W | 1467x62x72 | LED | 6600lm | > 100 |
| BAT645/84 | 6ft batten with led strip and opal cover 4000k | 45W | 1732x62x72 | LED | 5000lm | > 100 |
| BAT665/84 | 6ft batten with led strip and opal cover 4000k | 65W | 1732x62x72 | LED | 7150lm | > 100 |

# MARS FIVE

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.

### 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

### WARRANTY

5 year warranty

### 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 |
|---|---|---|---|---|---|---|
| LB60010/84 | 10W LED Lightbar less driver 4000k | 10W | 553 | LED | 1079lm | > 95 |
| LB60010/86 | 10W LED Lightbar less driver 6500k | 10W | 553 | LED | 1011lm | > 95 |
| LB60020/84 | 20W LED Lightbar less driver 4000k | 20W | 553 | LED | 2016lm | > 95 |
| LB60020/86 | 20W LED Lightbar less driver 6500k | 20W | 553 | LED | 1958lm | > 95 |
| LB120020/84 | 20W LED Lightbar less driver 4000k | 20W | 1153 | LED | 2134lm | > 95 |
| LB120020/86 | 20W LED Lightbar less driver 6500k | 20W | 1153 | LED | 2098lm | > 95 |
| LB120050/84 | 50W LED Lightbar less driver 4000k | 50W | 1153 | LED | 4661lm | > 95 |
| LB120050/86 | 50W LED Lightbar less driver 6500k | 50W | 1153 | LED | 4577lm | > 95 |
| LB150030/84 | 30W LED Lightbar less driver 4000k | 30W | 1453 | LED | 2938lm | > 95 |
| LB150030/86 | 30W LED Lightbar less driver 6500k | 30W | 1453 | LED | 2859lm | > 95 |
| LB150060/84 | 60W LED Lightbar less driver 4000k | 60W | 1453 | LED | 5355lm | > 95 |
| LB150060/86 | 60W LED Lightbar less driver 6500k | 60W | 1453 | LED | 5519lm | > 95 |
| LB180070 | 70W LED lightbar less driver 4000k | 70W | 1753 | LED | 6700lm | > 95 |
| SLIM VERSIONS | | | | | | |
| SLB60015/84 | 15W LED Lightbar less driver 4000k | 15W | 553 | LED | 1410lm | > 90 |
| SLB120030/84 | 30W LED Lightbar less driver 4000k | 30W | 1153 | LED | 2750lm | > 90 |
| SLB150040/84 | 40W LED Lightbar less driver 4000k | 40W | 1453 | LED | 3650lm | > 90 |
| SLB180050/84 | 50W LED lightbar less driver 4000k | 50W | 1753 | LED | 4600lm | > 90 |

# PLUTO ONE LED

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.

### 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
- Fluorescent versions of this product are available (See Pluto One range)
- Lamps supplied are > RA80 and PF 0.90

### WARRANTY

2 year lamp warranty

### IP RATING

IP44





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| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| TS118PR | 1x18W | 1255x208x70 | T8 LED lamp | Prismatic | 1800lm | > 70 |
| TS218PR | 2x18W | 1255x208x70 | T8 LED lamp | Prismatic | 3600lm | > 70 |
| TS125PR | 1x24W | 1560x208x70 | T8 LED lamp | Prismatic | 2300lm | > 70 |
| TS225PR | 2x24W | 1560x208x70 | T8 LED lamp | Prismatic | 4600lm | > 70 |
| TS118OP | 1x18W | 1255x208x70 | T8 LED lamp | Opal | 1800lm | > 60 |
| TS218OP | 2x18W | 1255x208x70 | T8 LED lamp | Opal | 3600lm | > 60 |
| TS125OP | 1x24W | 1560x208x70 | T8 LED lamp | Opal | 2300lm | > 60 |
| TS225OP | 2x24W | 1560x208x70 | T8 LED lamp | Opal | 4600lm | > 60 |
| TS118PR/B | - | 1255x208x70 | Wired for single ended LED lamps | Prismatic | - | - |
| TS218PR/B | - | 1255x208x70 | Wired for single ended LED lamps | Prismatic | - | - |
| TS125PR/B | - | 1560x208x70 | Wired for single ended LED lamps | Prismatic | - | - |
| TS225PR/B | - | 1560x208x70 | Wired for single ended LED lamps | Prismatic | - | - |
| TS118OP/B | - | 1255x208x70 | Wired for single ended LED lamps | Opal | - | - |
| TS218OP/B | - | 1255x208x70 | Wired for single ended LED lamps | Opal | - | - |
| TS125OP/B | - | 1560x208x70 | Wired for single ended LED lamps | Opal | - | - |
| TS225OP/B | - | 1560x208x70 | Wired for single ended LED lamps | Opal | - | - |

# PLUTO ONE

A range of surface mounted linear T8 fittings designed with quality materials and components. These high efficiency luminaires are available in a range of sizes and polycarbonate diffusion options, making them the perfect solution whilst not needing to compromise on the 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.

### MATERIALS

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

### ACCESSORIES AND OPTIONS AVAILABLE

- Available with inbuilt PIR or microwave sensors
- 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

- Ballast class efficiency A2
- LED versions of this product are available (See Pluto One LED and Pluto Two LED range)
- Lumen outputs will vary according to lamp brand and colour temp
- Supplied less lamps, requires T8 fluorescent

### DIMMABLE OPTIONS

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

### WARRANTY

5 year ballast warranty

### IP RATING

IP44





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Typical installation

| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| TS136PR | 1x36W | 1255x208x70 | T8 | Prismatic | 3350lm | > 60 |
| TS236PR | 2x36W | 1255x208x70 | T8 | Prismatic | 6700lm | > 60 |
| TS158PR | 1x58W | 1560x208x70 | T8 | Prismatic | 5200lm | > 60 |
| TS258PR | 2x58W | 1560x208x70 | T8 | Prismatic | 10400lm | > 60 |
| TS136OP | 1x36W | 1255x208x70 | T8 | Opal | 3350lm | > 45 |
| TS236OP | 2x36W | 1255x208x70 | T8 | Opal | 6700lm | > 45 |
| TS158OP | 1x58W | 1560x208x70 | T8 | Opal | 5200lm | > 45 |
| TS258OP | 2x58W | 1560x208x70 | T8 | Opal | 10400lm | > 45 |

# PLUTO TWO LED

A range of surface mounted linear fittings designed with quality materials, components & LED boards. These high efficiency luminaires are available in a range of sizes and polycarbonate diffusion options, making them the perfect solution for the requirement 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.

## MATERIALS

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

## 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
- Available with inbuilt PIR or microwave sensors
- Fluorescent versions of this product are available (See Pluto Two range)

## DIMMABLE OPTIONS

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

## WARRANTY

5 year driver warranty

## IP RATING

IP44





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| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| TS120LEDPPR | 20W | 1210x208x70 | LED | Prismatic | 1900lm | > 80 |
| TS130LEDPPR | 30W | 1210x208x70 | LED | Prismatic | 2850lm | > 80 |
| TS220LEDPPR | 40W | 1210x208x70 | LED | Prismatic | 3800lm | > 80 |
| TS230LEDPPR | 60W | 1210x208x70 | LED | Prismatic | 5700lm | > 80 |
| TS30LEDPPR | 30W | 1510x208x70 | LED | Prismatic | 2850lm | > 80 |
| TS60LEDPPR | 60W | 1510x208x70 | LED | Prismatic | 5700lm | > 80 |
| TS240LEDPPR | 80W | 1510x208x70 | LED | Prismatic | 7600lm | > 80 |
| TS120LEDPOP | 20W | 1210x208x70 | LED | Opal | 1900lm | > 95 |
| TS130LEDPOP | 30W | 1210x208x70 | LED | Opal | 2850lm | > 95 |
| TS220LEDPOP | 40W | 1210x208x70 | LED | Opal | 3800lm | > 95 |
| TS230LEDPOP | 60W | 1210x208x70 | LED | Opal | 5700lm | > 95 |
| TS30LEDPOP | 30W | 1510x208x70 | LED | Opal | 2850lm | > 95 |
| TS60LEDPOP | 60W | 1510x208x70 | LED | Opal | 5700lm | > 95 |
| TS240LEDPOP | 80W | 1510x208x70 | LED | Opal | 7600lm | > 95 |

# PLUTO TWO

A range of surface mounted linear T5 fittings designed with quality materials and components. These high efficiency luminaires are available in a range of sizes and polycarbonate diffusion options, making them the perfect solution 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.

### MATERIALS

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

### ACCESSORIES AND OPTIONS AVAILABLE

- Available with inbuilt PIR or microwave sensors
- 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

- Ballast class efficiency A2
- LED versions of this product are available (See Pluto One LED and Pluto Two LED range)
- Lumen outputs will vary according to lamp brand and colour temp
- Supplied less lamps, require T5 fluorescent

### DIMMABLE OPTIONS

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

### WARRANTY

5 year ballast warranty

### IP RATING

IP44





Tegral Quality Lighting

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| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| TS128PR | 1x28W | 1210x208x70 | T5 | Prismatic | 2640lm | > 60 |
| TS228PR | 2x28W | 1210x208x70 | T5 | Prismatic | 5280lm | > 60 |
| TS154PR | 1x54W | 1210x208x70 | T5 | Prismatic | 4460lm | > 55 |
| TS254PR | 2x54W | 1210x208x70 | T5 | Prismatic | 8920lm | > 55 |
| TS135PR | 1x35W | 1510x208x70 | T5 | Prismatic | 3320lm | > 65 |
| TS135PR/MS | 1x35W | 1510x208x70 | T5 | Prismatic | 3320lm | > 65 |
| TS235PR | 2x35W | 1510x208x70 | T5 | Prismatic | 6640lm | > 65 |
| TS235PR/MS | 2x35W | 1510x208x70 | T5 | Prismatic | 6640lm | > 65 |
| TS149PR | 1x49W | 1510x208x70 | T5 | Prismatic | 4450lm | > 60 |
| TS149PR/MS | 1x49W | 1510x208x70 | T5 | Prismatic | 4450lm | > 60 |
| TS249PR | 2x49W | 1510x208x70 | T5 | Prismatic | 8900lm | > 60 |
| TS249PR/MS | 2x49W | 1510x208x70 | T5 | Prismatic | 8900lm | > 60 |
| TS128OP | 1x28W | 1210x208x70 | T5 | Opal | 2640lm | > 50 |
| TS228OP | 2x28W | 1210x208x70 | T5 | Opal | 5280lm | > 50 |
| TS154OP | 1x54W | 1210x208x70 | T5 | Opal | 4460lm | > 50 |
| TS254OP | 2x54W | 1210x208x70 | T5 | Opal | 8920lm | > 50 |
| TS135OP | 1x35W | 1510x208x70 | T5 | Opal | 3320lm | > 50 |
| TS135OP/MS | 1x35W | 1510x208x70 | T5 | Opal | 3320lm | > 50 |
| TS235OP | 2x35W | 1510x208x70 | T5 | Opal | 6640lm | > 50 |
| TS235OP/MS | 2x35W | 1510x208x70 | T5 | Opal | 6640lm | > 50 |
| TS149OP | 1x49W | 1510x208x70 | T5 | Opal | 4450lm | > 50 |
| TS149OP/MS | 1x49W | 1510x208x70 | T5 | Opal | 4450lm | > 50 |
| TS249OP | 2x49W | 1510x208x70 | T5 | Opal | 8900lm | > 50 |
| TS249OP/MS | 2x49W | 1510x208x70 | T5 | Opal | 8900lm | > 50 |

# PLUTO 54 LED

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 sizes and polycarbonate diffusion options, making them the perfect solution for the requirement 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.

## MATERIALS

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

## 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
- Available with inbuilt PIR or microwave sensors
- Fluorescent versions of this product are available (See Pluto 54 range)

## DIMMABLE OPTIONS

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

## WARRANTY

5 year driver warranty / 2 year lamp warranty where applicable

## IP RATING

IP54

TS130LEDPR/IP54





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| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| TS120LEDPR/IP54 | 20W | 1283x165x58 | LED | Prismatic | 2150lm | > 80 |
| TS130LEDPR/IP54 | 30W | 1283x165x58 | LED | Prismatic | 2500lm | > 80 |
| TS220LEDPR/IP54 | 40W | 1283x165x58 | LED | Prismatic | 4300lm | > 80 |
| TS230LEDPR/IP54 | 60W | 1283x165x58 | LED | Prismatic | 5000lm | > 80 |
| TS30LEDPR/IP54 | 30W | 1593x165x58 | LED | Prismatic | 2850lm | > 80 |
| TS60LEDPR/IP54 | 60W | 1593x165x58 | LED | Prismatic | 5700lm | > 80 |
| TS240PR/IP54 | 80W | 1593x165x58 | LED | Prismatic | 6400lm | > 80 |
| TS50LEDPR/IP54 | 50W | 1883x162x71 | LED | Prismatic | 4750lm | > 80 |
| TS100LEDPR/IP54 | 100W | 1883x162x71 | LED | Prismatic | 9500lm | > 80 |
| TS120LEDOP/IP54 | 20W | 1283x165x58 | LED | Opal | 2150lm | > 80 |
| TS130LEDOP/IP54 | 30W | 1283x165x58 | LED | Opal | 2500lm | > 80 |
| TS220LEDOP/IP54 | 40W | 1283x165x58 | LED | Opal | 4300lm | > 80 |
| TS230LEDOP/IP54 | 60W | 1283x165x58 | LED | Opal | 5000lm | > 80 |
| TS30LEDOP/IP54 | 30W | 1593x165x58 | LED | Opal | 2850lm | > 80 |
| TS60LEDOP/IP54 | 60W | 1593x165x58 | LED | Opal | 5700lm | > 80 |
| TS240LEDOP/IP54 | 80W | 1593x165x58 | LED | Opal | 6400lm | > 80 |
| TS50LEDOP/IP54 | 50W | 1883x162x71 | LED | Opal | 4750lm | > 80 |
| TS100LEDOP/IP54 | 100W | 1883x162x71 | LED | Opal | 9500lm | > 80 |
| TS118PR/IP54 | 1x18W | 1283x165x58 | T8 LED lamp | Prismatic | 1800lm | > 75 |
| TS218PR/IP54 | 2x18W | 1283x165x58 | T8 LED lamp | Prismatic | 3600lm | > 75 |
| TS125PR/IP54 | 1x24W | 1593x165x58 | T8 LED lamp | Prismatic | 2300lm | > 75 |
| TS225PR/IP54 | 2x24W | 1593x165x58 | T8 LED lamp | Prismatic | 4600lm | > 75 |
| TS128LEDPR/IP54 | 1x28W | 1883x162x71 | T8 LED lamp | Prismatic | 2600lm | > 75 |
| TS228LEDPR/IP54 | 2x28W | 1883x162x71 | T8 LED lamp | Prismatic | 5200lm | > 75 |
| TS118OP/IP54 | 1x18W | 1283x165x58 | T8 LED lamp | Opal | 1800lm | > 70 |
| TS218OP/IP54 | 2x18W | 1283x165x58 | T8 LED lamp | Opal | 3600lm | > 70 |
| TS125OP/IP54 | 1x24W | 1593x165x58 | T8 LED lamp | Opal | 2300lm | > 70 |
| TS225OP/IP54 | 2x24W | 1593x165x58 | T8 LED lamp | Opal | 4600lm | > 70 |
| TS128LEDOP/IP54 | 1x28W | 1883x162x71 | T8 LED lamp | Opal | 2600lm | > 70 |
| TS228LEDOP/IP54 | 2x28W | 1883x162x71 | T8 LED lamp | Opal | 5200lm | > 70 |
| TS118PR/IP54 | - | 1283x165x58 | Wired for single ended LED lamps | Prismatic | - | - |
| TS218PR/IP54 | - | 1283x165x58 | Wired for single ended LED lamps | Prismatic | - | - |
| TS125PR/IP54 | - | 1593x165x58 | Wired for single ended LED lamps | Prismatic | - | - |
| TS225PR/IP54 | - | 1593x165x58 | Wired for single ended LED lamps | Prismatic | - | - |
| TS128LEDPR/IP54 | - | 1883x162x71 | Wired for single ended LED lamps | Prismatic | - | - |
| TS228LEDPR/IP54 | - | 1883x162x71 | Wired for single ended LED lamps | Prismatic | - | - |
| TS118OP/IP54 | - | 1283x165x58 | Wired for single ended LED lamps | Opal | - | - |
| TS218OP/IP54 | - | 1283x165x58 | Wired for single ended LED lamps | Opal | - | - |
| TS125OP/IP54 | - | 1593x165x58 | Wired for single ended LED lamps | Opal | - | - |
| TS225OP/IP54 | - | 1593x165x58 | Wired for single ended LED lamps | Opal | - | - |
| TS128LEDOP/IP54 | - | 1883x162x71 | Wired for single ended LED lamps | Opal | - | - |
| TS228LEDOP/IP54 | - | 1883x162x71 | Wired for single ended LED lamps | Opal | - | - |

# PLUTO 54

A range of IP54 surface mounted linear T5 fittings designed with quality materials and components. These high efficiency luminaires are available in a range of sizes and polycarbonate diffusion options, making them the perfect solution 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.

## MATERIALS

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

## 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

- Available with inbuilt PIR or microwave sensors
- Ballast class efficiency A2
- LED versions of this product are available (See Pluto 54 LED range)
- Lumen outputs will vary according to lamp brand and colour temp
- Supplied less lamps, require T8 or T5 fluorescent

## DIMMABLE OPTIONS

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

## WARRANTY

5 year ballast warranty

## IP RATING

IP54





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| PRODUCT CODE | WATTAGE (W) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| TS136PR/IP54 | 1x36W | 1282x162x71 | T8 | Prismatic | 3350lm | > 60 |
| TS236PR/IP54 | 2x36W | 1282x162x71 | T8 | Prismatic | 6700lm | > 60 |
| TS158PR/IP54 | 1x58W | 1583x162x71 | T8 | Prismatic | 5200lm | > 55 |
| TS258PR/IP54 | 2x58W | 1583x162x71 | T8 | Prismatic | 10400lm | > 55 |
| TS170PR/IP54 | 1x70W | 1883x162x71 | T8 | Prismatic | 6300lm | > 55 |
| TS270PR/IP54 | 2x70W | 1883x162x71 | T8 | Prismatic | 12600lm | > 55 |
| TS136OP/IP54 | 1x36W | 1282x162x71 | T8 | Opal | 3350lm | > 50 |
| TS236OP/IP54 | 2x36W | 1282x162x71 | T8 | Opal | 6700lm | > 50 |
| TS158OP/IP54 | 1x58W | 1583x162x71 | T8 | Opal | 5200lm | > 45 |
| TS258OP/IP54 | 2x58W | 1583x162x71 | T8 | Opal | 10400lm | > 45 |
| TS170OP/IP54 | 1x70W | 1883x162x71 | T8 | Opal | 6300lm | > 45 |
| TS270OP/IP54 | 2x70W | 1883x162x71 | T8 | Opal | 12600lm | > 45 |
| TS128PR/IP54 | 1x28W | 1283x165x58 | T5 | Prismatic | 2640lm | > 50 |
| TS228PR/IP54 | 2x28W | 1283x165x58 | T5 | Prismatic | 5280lm | > 50 |
| TS154PR/IP54 | 1x54W | 1283x165x58 | T5 | Prismatic | 4460lm | > 50 |
| TS254PR/IP54 | 2x54W | 1283x165x58 | T5 | Prismatic | 8920lm | > 50 |
| TS135PR/IP54 | 1x35W | 1593x165x58 | T5 | Prismatic | 3320lm | > 55 |
| TS135PR/IP54/MS | 1x35W | 1593x165x58 | T5 | Prismatic | 3320lm | > 55 |
| TS235PR/IP54 | 2x35W | 1593x165x58 | T5 | Prismatic | 6640lm | > 60 |
| TS235PR/IP54/MS | 2x35W | 1593x165x58 | T5 | Prismatic | 6640lm | > 60 |
| TS149PR/IP54 | 1x49W | 1593x165x58 | T5 | Prismatic | 4450lm | > 55 |
| TS149PR/IP54/MS | 1x49W | 1593x165x58 | T5 | Prismatic | 4450lm | > 55 |
| TS249PR/IP54 | 2x49W | 1593x165x58 | T5 | Prismatic | 8900lm | > 60 |
| TS249PR/IP54/MS | 2x49W | 1593x165x58 | T5 | Prismatic | 8900lm | > 60 |
| TS128OP/IP54 | 1x28W | 1283x165x58 | T5 | Opal | 2640lm | > 50 |
| TS228OP/IP54 | 2x28W | 1283x165x58 | T5 | Opal | 5280lm | > 50 |
| TS154OP/IP54 | 1x54W | 1283x165x58 | T5 | Opal | 4460lm | > 50 |
| TS254OP/IP54 | 2x54W | 1283x165x58 | T5 | Opal | 8920lm | > 50 |
| TS135OP/IP54 | 1x35W | 1593x165x58 | T5 | Opal | 3320lm | > 50 |
| TS135OP/IP54/MS | 1x35W | 1593x165x58 | T5 | Opal | 3320lm | > 50 |
| TS235OP/IP54 | 2x35W | 1593x165x58 | T5 | Opal | 6640lm | > 50 |
| TS235OP/IP54/MS | 2x35W | 1593x165x58 | T5 | Opal | 6640lm | > 50 |
| TS149OP/IP54 | 1x49W | 1593x165x58 | T5 | Opal | 4450lm | > 50 |
| TS149OP/IP54/MS | 1x49W | 1593x165x58 | T5 | Opal | 4450lm | > 50 |
| TS249OP/IP54 | 2x49W | 1593x165x58 | T5 | Opal | 8900lm | > 50 |
| TS249OP/IP54/MS | 2x49W | 1593x165x58 | T5 | Opal | 8900lm | > 50 |

# PLUTO 54 V2 LED

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 sizes and polycarbonate diffusion options, making them the perfect solution for the requirement 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.

### 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
- Fluorescent versions of this product are available (See Pluto 54 V2 range)

### DIMMABLE OPTIONS

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

### WARRANTY

5 year driver warranty

### 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) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| TS120LEDOP/IP54V2 | 20W | 1212x173x54 | LED | Opal | 2150lm | > 70 |
| TS130LEDOP/IP54V2 | 30W | 1212x173x54 | LED | Opal | 2500lm | > 70 |
| TS36LEDOP/IP54V2 | 36W | 1212x173x54 | LED | Opal | 4900lm | > 125 |
| TS220LEDOP/IP54V2 | 40W | 1212x173x54 | LED | Opal | 4300lm | > 70 |
| TS230LEDOP/IP54V2 | 60W | 1212x173x54 | LED | Opal | 5000lm | > 70 |
| TS30LEDOP/IP54V2 | 30W | 1512x173x54 | LED | Opal | 2850lm | > 70 |
| TS45LEDOP/IP54V2 | 45W | 1512x173x54 | LED | Opal | 6300lm | > 125 |
| TS60LEDOP/IP54V2 | 60W | 1512x173x54 | LED | Opal | 5700lm | > 70 |
| TS67LEDOP/IP54V2 | 67W | 151512x173x54 | LED | Opal | 8600lm | > 125 |
| TS240LEDOP/IP54V2 | 70W | 1512x173x54 | LED | Opal | 6400lm | > 70 |

# PLUTO 54 V2

A range of IP54 surface mounted linear T5 fittings designed with quality materials and components. These high efficiency luminaires are available in a range of sizes and polycarbonate diffusion options, making them the perfect solution 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.

## 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.
- Endcaps come with 20mm conduit entry knockout

## ADDITIONAL INFORMATION

- Ballast class efficiency A2
- Benefit of conduit entry via endcaps
- LED versions of this product are available (See Pluto 54 LED V2 range)
- Lumen outputs will vary according to lamp brand and colour temp
- Supplied less lamps, require T5 fluorescent

## DIMMABLE OPTIONS

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

## WARRANTY

5 year ballast warranty

## 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) | SIZE LxWxH (mm) | LIGHT SOURCE | COVER TYPE | PRIMARY LUMEN OUTPUT | LUMEN PER CIRCUIT WATT |
|---|---|---|---|---|---|---|
| TS128OP/IP54V2 | 1x28W | 1212x173x54 | T5 | Opal | 2640lm | > 50 |
| TS228OP/IP54V2 | 2x28W | 1212x173x54 | T5 | Opal | 5280lm | > 50 |
| TS154OP/IP54V2 | 1x54W | 1212x173x54 | T5 | Opal | 4460lm | > 50 |
| TS254OP/IP54V2 | 2x54W | 1212x173x54 | T5 | Opal | 8920lm | > 50 |
| TS135OP/IP54V2 | 1x35W | 1512x173x54 | T5 | Opal | 3320lm | > 50 |
| TS135OP/IP54V2/MS | 1x35W | 1512x173x54 | T5 | Opal | 3320lm | > 50 |
| TS235OP/IP54V2 | 2x35W | 1512x173x54 | T5 | Opal | 6640lm | > 50 |
| TS235OP/IP54V2/MS | 2x35W | 1512x173x54 | T5 | Opal | 6640lm | > 50 |
| TS149OP/IP54V2 | 1x49W | 1512x173x54 | T5 | Opal | 4450lm | > 50 |
| TS149OP/IP54V2/MS | 1x49W | 1512x173x54 | T5 | Opal | 4450lm | > 50 |
| TS249OP/IP54V2 | 2x49W | 1512x173x54 | T5 | Opal | 8900lm | > 50 |
| TS249OP/IP54V2/MS | 2x49W | 1512x173x54 | T5 | Opal | 8900lm | > 50 |