**MODEL NUMBER**
Y117 - CANOLUX 65

**SPECIFICATIONS**

**HOUSING:** Die cast and extruded aluminium.

**HEAT SINK:** Aluminium extrusion, anodised black.

**LIGHT SOURCE:** The fitting is designed to operate a 12W LED.

**REFLECTOR:** Vacuum metalised medium reflector. Beam 40°

**FINISH:** Powder coated.

**MOUNTING:** Ceiling mounted.

**COLOUR CONSISTENCY:** Mac Adams 2 SDCM.

**LUMEN MAINTENANCE:** 90000h (L90B10) @ 65° C.

**CCT:** 4000K or 3000K.

**CRI:** 85 or 95.

**DIMENSIONS:** 65mm Ø x 172mm

**APPLICATION:** Suitable for indoor use only.

Operating Temperature (Ta) - 20° C to +30° C.

Fitting supplied with internal power supply.

**APPLICATION AREAS**

Indoor application.

Symmetrical distribution.

Exclusive retail shops

Supermarkets.

Hotels.

Exhibition halls.

Studios.

**DIMENSIONS IN MM**

<table>
<thead>
<tr>
<th>Beam Degree</th>
<th>LED 13W 40° Beam</th>
</tr>
</thead>
<tbody>
<tr>
<td>40°</td>
<td>350mA 13W 12W 85 or 95 4000K 3000K 1375 - 1820 lm</td>
</tr>
</tbody>
</table>

**COLOURS**

Black (BL)

White (WH)

**BEAM DEGREE**

LED 13W 40° Beam

**LIGHT DISTRIBUTION**

Canolux 65 Bottom View

Canolux 65 Side View

www.regentlight.co.za
**CANOLUX 120**

**APPLICATION AREAS**
Indoor application.
Symmetrical distribution.
Exclusive retail shops
Supermarkets.
Hotels.
Exhibition halls.
Studios.

**COLOURS**
- Black (BL)
- White (WH)

**BEAM DEGREE**
45°

**LIGHT DISTRIBUTION**
LED 26W 65° Beam

**MODEL NUMBER**
Y134 - CANOLUX 120

**SPECIFICATIONS**

**HOUSING**
Die cast and extruded aluminium.

**HEAT SINK**
Aluminium extrusion, anodised black.

**LIGHT SOURCE**
The fitting is designed to operate a LED up to 17W.

**REFLECTOR**
Aluminium. Beam angle 65°.

**FINISH**
Powder coated.

**MOUNTING**
Ceiling mounted.

**COLOUR CONSISTENCY**
Mac Adams 2 SDCM.

**LUMEN MAINTENANCE**
90000h [L90/80] @ 65°C.

**CCT**
4000K, 3500K or 3000K

**CRI**
85 or 95.

**DIMENSIONS**
120mm Ø x 130mm.

**APPLICATION**
Suitable for indoor use only.
Operating Temperature (Ta) - 20°C to +30 °C.
Fitting supplied with internal power supply.
DALI compatible on request.

**LIGHT SOURCE**

**LED COB 14mm**

<table>
<thead>
<tr>
<th>LED Current</th>
<th>Luminaire Wattage (W)</th>
<th>Module Wattage (W)</th>
<th>CRI</th>
<th>Colour Temp</th>
<th>Nominal Flux (lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>500mA</td>
<td>13W</td>
<td>12W</td>
<td>85 or 95</td>
<td>4000K</td>
<td>2195 - 2850 lm</td>
</tr>
<tr>
<td>700mA</td>
<td>18W</td>
<td>17W</td>
<td></td>
<td>3500K, 3000K</td>
<td>2940 - 3815 lm</td>
</tr>
</tbody>
</table>

**DIMENSIONS IN MM**

- Height: 120mm
- Diameter: 130mm

Note: The curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

www.regentlight.co.za
**CANOLUX 150**

**APPLICATION AREAS**

**COLOURS**
- Black (BL)
- White (WH)

**BEAM DEGREE**
- 40°

**LIGHT DISTRIBUTION**
LED 27W 65° Beam

**DIMENSIONS IN MM**

**LIGHT SOURCE**

<table>
<thead>
<tr>
<th>LED Current</th>
<th>Luminaires Wattage (W)</th>
<th>Module Wattage (W)</th>
<th>CRI</th>
<th>Colour Temp</th>
<th>Nominal Flux (lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>500mA</td>
<td>20W</td>
<td>17W</td>
<td>85  or 95</td>
<td>4000K</td>
<td>2285 - 2940 lm</td>
</tr>
<tr>
<td>700mA</td>
<td>27W</td>
<td>25W</td>
<td></td>
<td>3500K, 3000K</td>
<td>3110 - 4000 lm</td>
</tr>
</tbody>
</table>

**MODEL NUMBER**

**Y116 - CANOLUX 150**

**SPECIFICATIONS**

**HOUSING**: Die cast and extruded aluminium.
**HEAT SINK**: Aluminium extrusion, anodised black.
**LIGHT SOURCE**: The fitting is designed to operate a LED up to 25W.
**REFLECTOR**: Aluminium. Beam angle 40°.
**FINISH**: Powder coated.
**MOUNTING**: Ceiling mounted.
**COLOUR CONSISTENCY**: Mac Adams 2 SDCM.
**LUMEN MAINTENANCE**: 90000h (L90B10) @ 65°C.
**CCT**: 4000K, 3500K or 3000K.
**CRI**: 85 or 95.
**DIMENSIONS**: 152mm Ø x 152mm.
**APPLICATION**: Suitable for indoor use only. Operating Temperature (Tₐ) - 20°C to +30°C. Fitting supplied with internal power supply. DALI compatible on request.

**INTERIOR LIGHTING**

www.regentlight.co.za
MODEL NUMBER
Y503 - CORA

SPECIFICATIONS

HOUSING: Die cast and extruded aluminium.
LIGHT SOURCE: The fitting is designed to operate a 18W LED.
FINISH: Powder coated.
MOUNTING: Surface mounted.
CCT: 3000K.
DIMENSIONS: 191mm Ø x 54mm.
APPLICATION: Suitable for indoor use only.
Operating Temperature (Ta) -20°C to +30°C.
Fitting supplied with internal power supply.
DALI compatible on request.

LIGHT SOURCE

LED

<table>
<thead>
<tr>
<th>LED Current</th>
<th>Wattage (W)</th>
<th>Colour Temp</th>
<th>Nominal Flux (lm)</th>
<th>Luminous Flux (lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>500mA</td>
<td>18W</td>
<td>3000K</td>
<td>2100 lm</td>
<td>1671 lm</td>
</tr>
</tbody>
</table>

DIMENSIONS IN MM

APPLICATION AREAS

Indoor application.
Offices
Exclusive retail shops
Supermarkets.
Hotels.
Exhibition halls.

COLOURS

☐ White (WH)

BEAM DEGREE

24°

LIGHT DISTRIBUTION

LED 24° Beam

www.regentlight.co.za
**KALYPSO ROUND**

**MODEL NUMBER**
I310 - KALYPSO ROUND

**SPECIFICATIONS**

**HOUSING:** Extruded aluminium and aluminium alloy.

**HEAT SINK:** Aluminium extrusion, anodised black.

**LIGHT SOURCE:** The fitting is designed to operate a LED up to 12W or a GU10 LED lamp.

**REFLECTOR:** Aluminium. Beam angle 36°.

**FINISH:** Powder coated.

**MOUNTING:** Ceiling mounted recessed.

**COLOUR CONSISTENCY:** Mac Adams 2 SDCM.

**LUMEN MAINTENANCE:** 90000h (L90B10) @ 65°C.

**CCT:** 4000K or 3000K.

**CRI:** 85 or 95.

**DIMENSIONS:** 102mm Ø x 150mm.

**APPLICATION:** Suitable for indoor use only. Operating Temperature (Tₘ) - 20°C to +30°C. Fitting supplied with internal power supply. DALI compatible on request.

**LIGHT DISTRIBUTION**

**DIMENSIONS IN MM**

<table>
<thead>
<tr>
<th>LED Current</th>
<th>Luminaire Wattage (W)</th>
<th>Module Wattage (W)</th>
<th>CRI</th>
<th>Colour Temp</th>
<th>Nominal Flux (lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>200mA</td>
<td>7.5W</td>
<td>7W</td>
<td>85 or 95</td>
<td>4000K</td>
<td>825 - 1095 lm</td>
</tr>
<tr>
<td>350mA</td>
<td>13W</td>
<td>12W</td>
<td></td>
<td>3000K</td>
<td>1375 - 1820 lm</td>
</tr>
</tbody>
</table>

**APPLICATION AREAS**

Indoor or outdoor application. Symmetrical distribution.

Commercial Developments.

Retail Developments.

Shopping malls.

Public buildings.

**BEAM DEGREE**

Note: The curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

**COLOURS**

- Black (BL)
- Matt Silver (MS)
- White (WH)
- Charcoal Grey (CG)

**LIGHT SOURCE**

**LED COB-9mm**

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Wattage</th>
<th>Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td>Wattage as per lamp manufacturer for enclosed application</td>
<td>GU10</td>
</tr>
</tbody>
</table>

**LED**

**CONSTRUCTION**

**GUARANTEE**

**HOUSING:** Extruded aluminium and aluminium alloy.

**HEAT SINK:** Aluminium extrusion, anodised black.

**LIGHT SOURCE:** The fitting is designed to operate a LED up to 12W or a GU10 LED lamp.

**REFLECTOR:** Aluminium. Beam angle 36°.

**FINISH:** Powder coated.

**MOUNTING:** Ceiling mounted recessed.

**COLOUR CONSISTENCY:** Mac Adams 2 SDCM.

**LUMEN MAINTENANCE:** 90000h (L90B10) @ 65°C.

**CCT:** 4000K or 3000K.

**CRI:** 85 or 95.

**DIMENSIONS:** 102mm Ø x 150mm.

**APPLICATION:** Suitable for indoor use only. Operating Temperature (Tₘ) - 20°C to +30°C. Fitting supplied with internal power supply. DALI compatible on request.

**LIGHT DISTRIBUTION**

**DIMENSIONS IN MM**

<table>
<thead>
<tr>
<th>Height</th>
<th>Eavg,Emax</th>
<th>Angle: 46.15 deg</th>
<th>Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1m</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2m</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3m</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**IP 20**

www.regentlight.co.za
**KALYPSO ROUND PRO**

**MODEL NUMBER**

I3XX - KALYPSO ROUND PRO

**SPECIFICATIONS**

**HOUSING**: Extruded aluminium.

**LIGHT SOURCE**: The fitting is designed to operate a GU10 LED lamp.

**FINISH**: Powder coated.

**MOUNTING**: Ceiling mounted surface. Adjustable.

**POWER SUPPLY**: Designed to operate a direct to mains 220 – 240 volts AC 50 Hertz single phase.

**DIMENSIONS**: 85mm Ø x 115mm.

**APPLICATION**: Suitable for indoor use only. Operating Temperature (Ta) -20° C to +30° C.

**FEATURES**: Adjustable. DALI compatible on request.

---

**LIGHT SOURCE**

<table>
<thead>
<tr>
<th>LED</th>
<th>Wattage</th>
<th>Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td>Wattage as per lamp manufacturer for enclosed application</td>
<td>GU10</td>
</tr>
</tbody>
</table>

---

**APPLICATION AREAS**


---

**DIMENSIONS IN MM**

---

**COLOURS**

- Black (BL)
- White (WH)

---

**LIGHT DISTRIBUTION**

---

www.regentlight.co.za
KALYPSO SQUARE

MODEL NUMBER
I308 - KALYPSO SQUARE I
I309 - KALYPSO SQUARE II

SPECIFICATIONS
HOUSING: Extruded aluminium.
LIGHT SOURCE: The fitting is designed to operate a GU10 lamp.
FINISH: Powder coated.
MOUNTING: Ceiling mounted surface. Adjustable.
POWER SUPPLY: Designed to operate a direct to mains 220 – 240 volts AC 50 Hertz single phase.
DIMENSIONS: Kalypso Single - 100mm x 100mm x 120mm.
Kalypso Double - 200mm x 100mm x 120mm.
APPLICATION: Suitable for indoor use only.
Operating Temperature (Ta) - 20° C to +30 ° C.
FEATURES: Adjustable on the vertical and horizontal plane.

LIGHT SOURCE

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Wattage</th>
<th>Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td>Wattage as per lamp manufacturer (Maximum 60mm length)</td>
<td>GU10</td>
</tr>
</tbody>
</table>

COLOURS

<table>
<thead>
<tr>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black (BL)</td>
</tr>
<tr>
<td>White (WH)</td>
</tr>
<tr>
<td>Matt Silver (MS)</td>
</tr>
<tr>
<td>Charcoal Grey (CG)</td>
</tr>
</tbody>
</table>

DIMENSIONS IN MM

Kalypso Single
- Bottom View
- Side View

Kalypso Double
- Bottom View
- Side View

www.regentlight.co.za
MODEL NUMBER
I365 - KALYPSO SQUARE PRO

SPECIFICATIONS
HOUSING: Extruded aluminium.
LIGHT SOURCE: The fitting is designed to operate a GU10 LED lamp.
FINISH: Powder coated.
MOUNTING: Ceiling mounted surface. Adjustable.
POWER SUPPLY: Designed to operate a direct to mains 220 - 240 volts AC 50 Hertz single phase.
DIMENSIONS: 90mm x 90mm x 115mm.
APPLICATION: Suitable for indoor use only.
Operating Temperature (Tol) - 20°C to +30°C.
FEATURES: Adjustable.

APPLICATION AREAS
Indoor or outdoor application.
Commercial Developments.
Retail Developments.
Shopping malls.
Public buildings.

LIGHT SOURCE

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Wattage</th>
<th>Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td>Wattage as per lamp manufacturer</td>
<td>GU10</td>
</tr>
</tbody>
</table>

COLOURS
Black (BL)
White (WH)

DIMENSIONS IN MM

LIGHT DISTRIBUTION

www.regentlight.co.za
ORBIT

MODEL NUMBER

i253 - ORBIT 300mm
i254 - ORBIT 600mm
i255 - ORBIT 1200mm

SPECIFICATIONS

HOUSING: Mild steel.
LIGHT SOURCE: The fitting is designed to operate a LED up to 98W.
DIFFUSER: Lumio.
FINISH: Powder coated.
MOUNTING: Surface mounted.
CONTROL GEAR: The electronic power supply is suitable for operation with a 220 - 240 volts, 50 hertz single phase.
APPLICATION: Suitable for indoor use only.
Operating Temperature (Ta) - 20°C to +30°C.
Weight: Orbit 300mm - 3 Kg including control gear,
Orbit 600mm - 8 Kg including control gear,
Orbit 1200mm - 36 Kg including control gear.

N.B. Ceiling details must be specified when ordering to ensure that correct mounting can be supplied.

APPLICATION AREAS

Indoor application.
Symmetrical light distribution.
Shopping Centres
Office Receptions.
Conference Centres

COLOURS

- Black (BL)
- White (WH)
- Matt Silver (MS)
- Charcoal Grey (CG)
LIGHT SOURCE

LED

<table>
<thead>
<tr>
<th>Size</th>
<th>LED Current</th>
<th>Power (W)</th>
<th>Colour Temp</th>
<th>Nominal Flux (lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>300mm</td>
<td>700mA</td>
<td>20W</td>
<td>4000K</td>
<td>3390 lm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3000K</td>
<td>3190 lm</td>
</tr>
<tr>
<td>600mm</td>
<td></td>
<td>49W</td>
<td>4000K</td>
<td>7182 lm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3000K</td>
<td>6706 lm</td>
</tr>
<tr>
<td>1200mm</td>
<td></td>
<td>98W</td>
<td>4000K</td>
<td>14364 lm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3000K</td>
<td>13412 lm</td>
</tr>
</tbody>
</table>

The environmental conditions of the installation will impact the efficiency of the LED’s. Due to the continual advancement in LED technology, the type of LED is subject to change.

DIMENSIONS IN MM

![Diffuser View](Side View) (300mm)  (600mm)  (1200mm)

Mounting Detail
ORBIT 300mm
ORBIT 600mm
ORBIT 1200mm

LIGHT DISTRIBUTION

LED 49W 600mm

www.regentlight.co.za
RACO 65

MODEL NUMBER
Y127 - RACO 65

SPECIFICATIONS

HOUSING: Extruded aluminium.
HEAT SINK: Aluminium extrusion.
LIGHT SOURCE: The fitting is designed to operate a LED up to 18W.
REFLECTOR: Vacuum metalised medium reflector. Beam 36°
FINISH: Powder coated. Inner ring can be powder coated white on request.
MOUNTING: Ceiling-mounted or wall mounted. Only to be installed outside arms reach.
COLOUR CONSISTENCY: Mac Adams 2 SDCM.
LUMEN MAINTENANCE: 90 000h (L90B10) @ 65° C.
CCT: 4000K, 3500K or 3000K.
CRI: 85 or 95.
DIMENSIONS: 65mm Ø x 165mm.
APPLICATION: Suitable for indoor use only.
Operating Temperature (Ta): -20° C to +30° C.
Fitting supplied with internal power supply.
FEATURES: 90° adjustable around the horizontal plane and 355° adjustable on the vertical plane.

LIGHT SOURCE

LED COB 14mm

<table>
<thead>
<tr>
<th>LED Current</th>
<th>Luminare Wattage (W)</th>
<th>Module Wattage (W)</th>
<th>CRI</th>
<th>Colour Temp</th>
<th>Nominal Flux (lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>350mA</td>
<td>13W</td>
<td>12W</td>
<td>95 or 85</td>
<td>4000K</td>
<td>1375 - 1820 lm</td>
</tr>
<tr>
<td></td>
<td>3500K</td>
<td></td>
<td></td>
<td>3500K</td>
<td></td>
</tr>
<tr>
<td>500mA</td>
<td>18W</td>
<td>17W</td>
<td></td>
<td>3000K</td>
<td>2195 - 2850 lm</td>
</tr>
</tbody>
</table>

DIMENSIONS IN MM

APPLICATION AREAS

Indoor application.
Symmetrical distribution.
Exclusive retail shops
Supermarkets.
Hotels.
Exhibition halls.
Studios.

BEAM DEGREE

36°

COLOURS

- Black (BL)
- White (WH)

LIGHT DISTRIBUTION

LED 18W 36° Beam

Note: The curves indicate the illuminated area and the average illumination when the luminaire is at different distances.
**MODEL NUMBER**
Y128 - RACO 95

**SPECIFICATIONS**

**HOUSING**: Extruded aluminium.

**HEAT SINK**: Aluminium extrusion.

**LIGHT SOURCE**: The fitting is designed to operate a LED up to 25W.

**REFLECTOR**: Vacuum metalised medium reflector. Beam 36°.

**FINISH**: Powder coated. Inner ring can be powder coated white on request.

**MOUNTING**: Ceiling-mounted or wall mounted. Only to be installed outside arms reach.

**COLOUR CONSISTENCY**: Mac Adams 2 SDCM.

**LUMEN MAINTENANCE**: 90000h (L90B10) @ 65° C.

**CCT**: 4000K, 3500K or 3000K.

**CRI**: 85 or 95.

**DIMENSIONS**: 95mm Ø x 139mm.

**APPLICATION**: Suitable for indoor use only.

Operating Temperature (T<sub>a</sub>) - 20°C to +30°C.

Fitting supplied with internal power supply.

**FEATURES**: 90° adjustable around the horizontal plane and 355° adjustable on the vertical plane.

**LIGHT SOURCE**

**LED COB 17mm**

<table>
<thead>
<tr>
<th>LED Current</th>
<th>Luminaire Wattage (W)</th>
<th>Module Wattage (W)</th>
<th>CRI</th>
<th>Colour Temp</th>
<th>Nominal Flux (lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>500mA</td>
<td>20W</td>
<td>17W</td>
<td>95 or 85</td>
<td>4000K</td>
<td>2285 - 2940 lm</td>
</tr>
<tr>
<td>700mA</td>
<td>27W</td>
<td>25W</td>
<td>95 or 85</td>
<td>3500K</td>
<td>3110 - 4000 lm</td>
</tr>
</tbody>
</table>

**DIMENSIONS IN MM**

<table>
<thead>
<tr>
<th>Height (cm)</th>
<th>Eavg, Emax</th>
<th>Angle: 37.8 deg</th>
<th>Diameter (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>37.8°</td>
<td>428x</td>
<td>454x</td>
<td>80 Ø</td>
</tr>
<tr>
<td>65.75°</td>
<td>565x</td>
<td>565x</td>
<td>80 Ø</td>
</tr>
<tr>
<td>131.5°</td>
<td>680x</td>
<td>680x</td>
<td>80 Ø</td>
</tr>
<tr>
<td>197.25°</td>
<td>800x</td>
<td>800x</td>
<td>80 Ø</td>
</tr>
</tbody>
</table>

**Note**: The curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

---

**COLOURS**

- Black (BL)
- White (WH)

**LIGHT DISTRIBUTION**

LED 24.5W 36° Beam
RENO

MODEL NUMBER
I317 - RENO

SPECIFICATIONS

HOUSING: LM6 die cast aluminium and extruded aluminium.
LIGHT SOURCE: The fitting is designed to operate a GU10 lamp.
DIFFUSER: Opti glass 4mm, which allows for 10% better heat and light distribution.
FINISH: Powder coated.
MOUNTING: Ceiling-mounted. Only to be installed outside arms reach.
POWER SUPPLY: Designed to operate a direct to mains 220 – 240 volts AC 50 Hertz single phase.
FASTENERS: All external screws are stainless steel.
GASKET: Silicone sponge gasket.
INGRESS PROTECTION: IP20.
MECHANICS: Suitable for indoor use only.
Operating Temperature (T_a): -20°C to +30°C.
Weight: 3 Kg.
FEATURES: 340° adjustable around the horizontal plane and 180° adjustable on the vertical plane.

LIGHT SOURCE

LED

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Wattage</th>
<th>Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td>Wattage as per lamp manufacturer for enclosed application</td>
<td>GU10</td>
</tr>
</tbody>
</table>

DIMENSIONS IN MM

APPLICATION AREAS

Indoor application.
Symmetrical distribution.
Exclusive retail shops
Hotels.
Exhibition halls.
Studios.

COLOURS

- Black (BL)
- Matt Silver (MS)
- White (WH)
- Charcoal Grey (CG)

LIGHT DISTRIBUTION

LED 4W 35° Beam (Verbatim)
SKY

MODEL NUMBER
I361K - SKY 350mm
I362K - SKY 600mm
I363K - SKY 950mm
I364K - SKY 1200mm

SPECIFICATIONS

HOUSING: Aluminium.
LIGHT SOURCE: The fitting is designed to operate a LED up to 215W.
DIFFUSER: Polycarbonate.
FINISH: Powder coated.
MOUNTING: Surface mounted.
CCT: 4000K
CRI: >80
CONTROL GEAR: The electronic power supply is suitable for operation with a 220 - 240 volts, 50 hertz single phase.
APPLICATION: Suitable for indoor use only.
Operating Temperature (Ta) - 20°C to +30°C.
Dimmable on request.

N.B. Ceiling details must be specified when ordering to ensure that correct mounting can be supplied.

APPLICATION AREAS

Indoor application.
Symmetrical light distribution.
Shopping Centres
Office Receptions.
Conference Centres

COLOURS

☐ White (WH)
LIGHT SOURCE

LED

<table>
<thead>
<tr>
<th>Size</th>
<th>LED Current</th>
<th>Power (W)</th>
<th>Colour Temp</th>
<th>Nominal Flux (lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>350mm</td>
<td>700mA</td>
<td>17W</td>
<td>4000K</td>
<td>1445 lm</td>
</tr>
<tr>
<td>600mm</td>
<td></td>
<td>45W</td>
<td></td>
<td>3371 lm</td>
</tr>
<tr>
<td>950mm</td>
<td></td>
<td>110W</td>
<td></td>
<td>8379 lm</td>
</tr>
<tr>
<td>1200mm</td>
<td></td>
<td>215W</td>
<td></td>
<td>17371 lm</td>
</tr>
</tbody>
</table>

The environmental conditions of the installation will impact the efficiency of the LED’s. Due to the continual advancement in LED technology the type of LED is subject to change.

DIMENSIONS IN MM

![Diagram showing dimensions in mm for different sizes of LED lights.](image)

LIGHT DISTRIBUTION

LED 110W 950mm
MODEL NUMBER

I275 - SUDO

SPECIFICATIONS

HOUSING: LM6 die cast and extruded aluminium.
DIFFUSER: Clear. Opal diffuser available on request.
LIGHT SOURCE: The fitting is designed to operate a GU10 or a LED up to 13W.
FINISH: Powder coated.
MOUNTING: Ceiling mounted or suspended.
ACCESSORIES: Decorative ceiling cup and 10mm diameter rod.
DIMENSIONS: 100mm Ø x length required. (Min length for GU10 200mm or integrated LED 400mm)
APPLICATION: Suitable for indoor use only.
Operating Temperature (Ta) - 20°C to +30°C.
Weight: 0.6 Kg.
Fitting supplied with internal power supply.
DALI compatible on request.
FEATURES: Safety cable to ensure the fitting cannot fall.

N.B. Ceiling details must be specified when ordering to ensure that correct mounting can be supplied.

COLOURS

- Black (BL)
- White (WH)
- Matt Silver (MS)
- Charcoal Grey (CG)

APPLICATION AREAS

Indoor application.
Symmetrical distribution.
Commercial Developments.
Retail Developments.
Shopping malls.
LIGHT SOURCE

LED COB-9mm

<table>
<thead>
<tr>
<th>LED Current</th>
<th>Power (W)</th>
<th>CRI</th>
<th>Colour Temp</th>
<th>Luminous Flux (lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>200mA</td>
<td>7.5W</td>
<td>80</td>
<td>4000K</td>
<td>874 - 973 lm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3000K</td>
<td></td>
</tr>
<tr>
<td>350mA</td>
<td>13W</td>
<td></td>
<td>4000K</td>
<td>1530 - 1763 lm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3000K</td>
<td></td>
</tr>
</tbody>
</table>

LED

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Wattage</th>
<th>Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td>Wattage as per lamp manufacturer (Maximum 60mm length)</td>
<td>GU10</td>
</tr>
</tbody>
</table>

DIMENSIONS IN MM

LED 13W 40° Beam

<table>
<thead>
<tr>
<th>cd/klm</th>
<th>CO - C180</th>
<th>C90 - C270</th>
</tr>
</thead>
</table>

LED 4W 35° Beam (Verbatim)

<table>
<thead>
<tr>
<th>cd/klm</th>
<th>CO - C180</th>
<th>C90 - C270</th>
</tr>
</thead>
</table>

www.regentlight.co.za
T-LINE Lighting System is a high performance LED linear lighting system.

The T-Line range is the ideal LED lighting systems to compliment the ceiling tile grid system.
MODEL NUMBER
I318 - T-LINE 600mm
I322 - T-LINE 1200mm
I323 - T-LINE 1800mm

SPECIFICATIONS

HOUSING: Extruded aluminium.
LIGHT SOURCE: The fitting is designed to operate a range of LED's up to 63W.
DIFFUSER: PMMA Matt Opal Profile - LT76.
MOUNTING: Fitted to a standard ceiling T profile.
SYSTEM EFFICIENCY: 127.5 lm / W.
OPERATIONAL TEMPERATURE RANGE: -10° C ~ +40° C.
CCT: 4000K.
DIMENSIONS:
- 574mm x 27.5mm x 12mm
- 1175mm x 27.5mm x 12mm or
- 1819mm x 27.5mm x 12mm.
APPLICATION: Suitable for indoor use only.
FEATURES: Slender LED lines of light set in an architectural environment are the essence of the T-Line, with its simple elegance and adaptability it accommodates most design applications, with the electronic control gear remotely mounted. The fitting offers a precise in-line appearance that complements open space design plans. Fittings are mounted in a standard ceiling grid in 600mm, 1200mm or 1800mm lengths.

Installation instructions available on request or on the website.

NOTE: Ceiling details need to be supplied to design for the layout.

LIGHT SOURCE
LED Osram Duris E2835

<table>
<thead>
<tr>
<th>Length</th>
<th>LED Current (120mA/LED)</th>
<th>Power (W)</th>
<th>Nominal Flux (lm)</th>
<th>Luminous Flux (lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>600mm</td>
<td>350mA</td>
<td>11W</td>
<td>1471 lm</td>
<td>917 lm</td>
</tr>
<tr>
<td></td>
<td>500mA</td>
<td>15W</td>
<td>2022 lm</td>
<td>1250 lm</td>
</tr>
<tr>
<td></td>
<td>700mA</td>
<td>21W</td>
<td>2675 lm</td>
<td>1647 lm</td>
</tr>
<tr>
<td>1200mm</td>
<td>350mA</td>
<td>22W</td>
<td>2942 lm</td>
<td>1834 lm</td>
</tr>
<tr>
<td></td>
<td>500mA</td>
<td>30W</td>
<td>4044 lm</td>
<td>2500 lm</td>
</tr>
<tr>
<td></td>
<td>700mA</td>
<td>42W</td>
<td>5350 lm</td>
<td>3294 lm</td>
</tr>
<tr>
<td>1800mm</td>
<td>350mA</td>
<td>33W</td>
<td>4413 lm</td>
<td>2751 lm</td>
</tr>
<tr>
<td></td>
<td>500mA</td>
<td>45W</td>
<td>6066 lm</td>
<td>3750 lm</td>
</tr>
<tr>
<td></td>
<td>700mA</td>
<td>63W</td>
<td>8025 lm</td>
<td>4941 lm</td>
</tr>
</tbody>
</table>

APPLICATION AREAS
Indoor application.
Office lighting
Reception areas
Retail lighting.
Educational lighting.

COLOURS
- White (WH)
DIMENSIONS IN MM

Profile Dimensions

Bottom View

Side View

Top View

LIGHT DISTRIBUTION

600mm 21W LED

cd/lm

C0 - C180  C90 - C270
LIGHTING LAYOUTS

TYPICAL OFFICE LAYOUT
Room Dimensions
4.1m x 3.8m x 3m
600 x 600 grid ceiling
7 x 15W 600mm lengths

![Typical Office Layout]

Workplane Height 0.8m

<table>
<thead>
<tr>
<th></th>
<th>Min</th>
<th>Max</th>
<th>Min/Average</th>
<th>Min/Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average</td>
<td>356 lux</td>
<td>101 lux</td>
<td>482 lux</td>
<td>0.28</td>
</tr>
</tbody>
</table>

TYPICAL RECEPTION LAYOUT
Room Dimensions
6.8m x 5.8m x 3m
600 x 1200 grid ceiling
8 - 15W 600mm lengths
3 - 30W 1200mm lengths

![Typical Reception Layout]

Workplane Height 0.8m

<table>
<thead>
<tr>
<th></th>
<th>Min</th>
<th>Max</th>
<th>Min/Average</th>
<th>Min/Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average</td>
<td>406 lux</td>
<td>71.7 lux</td>
<td>626 lux</td>
<td>0.18</td>
</tr>
</tbody>
</table>

TYPICAL OPEN OFFICE LAYOUT
Room Dimensions
15.6m x 8.4m x 3m
600 x 600 grid ceiling
36 - 15W 600mm lengths

![Typical Open Office Layout]

Workplane Height 0.8m

<table>
<thead>
<tr>
<th></th>
<th>Min</th>
<th>Max</th>
<th>Min/Average</th>
<th>Min/Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average</td>
<td>339 lux</td>
<td>151 lux</td>
<td>436 lux</td>
<td>0.45</td>
</tr>
</tbody>
</table>
T-LINE CEILING LAYOUT OPTIONS

Ceiling layout 600 x 600

- Main support Runners (no fittings)
- Light fitting
- Ceiling panel

Ceiling layout 1200 x 600
MODEL NUMBER

I299 - LUXON 600x600

SPECIFICATIONS

HOUSING: Seamless aluminium extruded frame.
DIFFUSER: Translucent diffuser, 2.3mm PMMA for better light transmission.
LIGHT SOURCE: The fitting is designed to operate a 39.7W LED.
FINISH: Powder coated.
MOUNTING: Recessed, surface mounted or suspended.
ACCESSORIES: Surface mounted frame and recessed mounted frame for plaster board ceiling, available on request.
2 x Aluminium ceiling tray which allows the luminaire to fit into a standard ceiling tile of 600mm x 1200mm.
UGR: <19.
POWER SUPPLY: 5 Year Warranty. Flicker free.
LUMEN MAINTENANCE: 55000h (L70).
SYSTEM EFFICIENCY: 100.76 lm/W.
CCT: 4000K.
CRI: >80.
DIMENSIONS: 595mm x 595mm x 13mm.
APPLICATION: Suitable for indoor use only.
Operating Temperature (Ta) - 20°C to +30°C.
Weight: 4 Kg.
INPUT VOLTAGE: 100 ~ 240V AC
INPUT FREQUENCY: 50/60 Hertz
FEATURES: Flicker Free.
Low cost energy saving alternative to CFL.
4 side edge lit allows for optical uniformity.
Low profile ideal for installation with limited recess space and shallow ceiling voids.
Plug and play remote driver for easy installation (40mm space required).
1.5kV surge protected.
Supplied with 5 amp plug set.
Dali dimmable option available on request.
Emergency 1 hour 20% available on request.

APPLICATION AREAS

Indoor application.
Offices.
Commercial spaces.
Education buildings.

BEAM DEGREE

115°

COLOURS

White (WH)
**LIGHT SOURCE**

**LED**

<table>
<thead>
<tr>
<th>LED Current</th>
<th>Power (W)</th>
<th>CRI</th>
<th>Colour Temp</th>
<th>Luminous Flux</th>
</tr>
</thead>
<tbody>
<tr>
<td>900mA</td>
<td>39.7W</td>
<td>&gt; 80</td>
<td>4000K</td>
<td>4000 lm</td>
</tr>
</tbody>
</table>

**DIMENSIONS IN MM**

**ACCESSORY**
- **Surface Mounted Frame**
  - 602x602x50mm

**ACCESSORY**
- **Offset Ceiling Tray**
  - 595x595x13mm

**ACCESSORY**
- **Side Ceiling Trays**
  - 595x595x307.5mm

**ACCESSORY**
- **Recessed Frame for plastered ceilings**
  - 632x632x31mm
LIGHT DISTRIBUTION

LED 40W

LUXON PANEL CASE STUDY

<table>
<thead>
<tr>
<th></th>
<th>LUXON</th>
<th>GENERIC PANEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luminous Flux</td>
<td>3956 lm</td>
<td>2549 lm</td>
</tr>
<tr>
<td>Power</td>
<td>39.7W</td>
<td>36 W</td>
</tr>
<tr>
<td>Luminous efficacy</td>
<td>99.6 lm/W</td>
<td>70.8 lm/W</td>
</tr>
<tr>
<td>LED Placement</td>
<td>4 side lit</td>
<td>2 side lit</td>
</tr>
<tr>
<td>UGR</td>
<td>&gt; 19</td>
<td>21</td>
</tr>
<tr>
<td>Warranty</td>
<td>5 Year</td>
<td>3 Year</td>
</tr>
<tr>
<td>Flicker Free</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

LIGHTING DESIGN COMPARISON

4 Fittings spaced 2.4m c/c mounted at 2.8m in a 25 m² room.

<table>
<thead>
<tr>
<th>Fitting</th>
<th>Average</th>
<th>Min</th>
<th>Max</th>
<th>Min/Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luxon</td>
<td>399 lx</td>
<td>243 lx</td>
<td>486 lx</td>
<td>0.5</td>
</tr>
<tr>
<td>Generic</td>
<td>273 lx</td>
<td>147 lx</td>
<td>337 lx</td>
<td>0.44</td>
</tr>
</tbody>
</table>
LUXON 300 x 1200

Flicker Free

UGR <19
I300 - LUXON 300x1200

APPLICATION AREAS

Indoor application.
Offices.
Commercial spaces.
Education buildings.

BEAM DEGREE

98°

COLOURS

- White (WH)

MODEL NUMBER

I300 - LUXON 300x1200

SPECIFICATIONS

HOUSING: Seamless aluminium extruded frame.
DIFFUSER: Translucent diffuser. 2.3mm PMMA for better light transmission.
LIGHT SOURCE: The fitting is designed to operate a 40W LED.
FINISH: Powder coated.
MOUNTING: Recessed, surface mounted or suspended.
ACCESSORIES: Surface mounted frame and recessed mounted frame for plaster board ceiling, available on request.
2 x Aluminium ceiling tray which allows the luminaire to fit into a standard ceiling tile of 600mm x 1200mm.
UGR: <19.
POWER SUPPLY: 5 Year Warranty. Flicker free.
LUMEN MAINTENANCE: 55000h (L70).
SYSTEM EFFICIENCY: 100 lm/W.
CCT: 4000K.
CRI: >80.
DIMENSIONS: 1195mm x 295mm x 13mm.
APPLICATION: Suitable for indoor use only.
Operating Temperature (T_a) - 20° C to +30 ° C.
Weight: 4 Kg.
INPUT VOLTAGE: 100 ~ 240V AC
INPUT FREQUENCY: 50/60 Hertz
FEATURES: Flicker free.
Low cost energy saving alternative to CFL.
2 side edge lit allows for optical uniformity.
Low profile ideal for installation with limited recess space and shallow ceiling voids.
Plug and play remote driver for easy installation (40mm space required).
1.5kV surge protected.
Supplied with 5 amp plug set.
Dali dimmable option available on request.
Emergency 1 hour 20%, available on request.
### LIGHT SOURCE

**LED**

<table>
<thead>
<tr>
<th>LED Current</th>
<th>Power (W)</th>
<th>CRI</th>
<th>Colour Temp</th>
<th>Luminous Flux</th>
</tr>
</thead>
<tbody>
<tr>
<td>900mA</td>
<td>40W</td>
<td>&gt; 80</td>
<td>4000K</td>
<td>4000 lm</td>
</tr>
</tbody>
</table>

**DIMENSIONS IN MM**

ACCESSORY
- Offset Ceiling Tray to fit in tiled ceiling 600 x 1200mm
- Side Ceiling Trays to fill in tiled ceiling 600 x 1200mm
- Surface Mounted Frame 302x1202x50mm
- Recessed Frame for plastered ceilings 332x1232x31mm
LIGHT DISTRIBUTION

LED 40W

LUXON PANEL DETAILS

<table>
<thead>
<tr>
<th>Feature</th>
<th>LUXON</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luminous Flux</td>
<td>3971 lm</td>
</tr>
<tr>
<td>Power</td>
<td>38.6W</td>
</tr>
<tr>
<td>Luminous efficacy</td>
<td>91.6 lm/W</td>
</tr>
<tr>
<td>LED Placement</td>
<td>2 side lit</td>
</tr>
<tr>
<td>UGR</td>
<td>&gt; 19</td>
</tr>
<tr>
<td>Warranty</td>
<td>5 Year</td>
</tr>
<tr>
<td>Flicker Free</td>
<td>Yes</td>
</tr>
</tbody>
</table>
PANDORA HEX

MODEL NUMBER

I419 - PANDORA 600 HEX
I433 - PANDORA 600 HEX MINI
I434 - PANDORA 600 HEX MICRO
I420 - PANDORA 1200 HEX
I435 - PANDORA 1200 HEX MINI
I436 - PANDORA 1200 HEX MICRO

SPECIFICATIONS

HOUSING: Extruded aluminium.
LIGHT SOURCE: The fitting is designed to operate LED up to 84W.
DIFFUSER: PMMA Matt Opal Profile + Hi Mt. LT87 high transmission diffuser or LT67 transmission diffuser.
FINISH: Powder coated.
MOUNTING: Suspended. Stainless steel wire.
Mounting details to specifications - soffit, tiled or plastered ceiling.
ACCESSORIES: Decorative ceiling cup.
A294 - Ceiling cup 100 with 3 suspension cables.
A295 - Ceiling cup 300 with 3 suspension cables.
A296 - Ceiling cup 400 with 3 suspension cables (This size allows for remote gear in ceiling cup).
CONTROL GEAR: The electronic power supply is suitable for operation with a 220 - 240 volts, 50 hertz single phase.
APPLICATION: Suitable for indoor use only.
Operating Temperature (Ta) - 20° C to +25° C.
FEATURES: Various size options to create lighting effects.
Pandora Hex - Profile size 70mm x 95mm
Pandora Hex Mini - Profile size 50mm x 70mm
Pandora Hex Micro - Profile size 33mm x 40mm (Remote gear only).

Installation instruction available on request or on the website.

N.B. Ceiling details must be specified when ordering to ensure that correct mounting can be supplied.
Not suitable for installation in open windy areas.

APPLICATION AREAS

Indoor application.
Symmetrical light distribution.
Shopping centres
Office receptions.
Conference centres

COLOURS

- Black (BL)
- White (WH)
- Matt Silver (MS)
- Charcoal Grey (CG)

www.regentlight.co.za
### LIGHT SOURCE

**LED Osram Duris E5**

<table>
<thead>
<tr>
<th>Size</th>
<th>LED Current</th>
<th>Power (W)</th>
<th>Colour Temp</th>
<th>Nominal Flux (lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>600mm</td>
<td>700mA</td>
<td>42W</td>
<td>4000K</td>
<td>5688 lm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3000K</td>
<td>5290 lm</td>
</tr>
<tr>
<td>1200mm</td>
<td></td>
<td>84W</td>
<td>4000K</td>
<td>11376 lm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3000K</td>
<td>10580 lm</td>
</tr>
</tbody>
</table>

The environmental conditions of the installation will impact the efficiency of the LED’s. Due to the continual advancement in LED technology the type of LED is subject to change.

### DIMENSIONS IN MM

**Profile Options**

- **Profile Pandora Hex**
- **Profile Pandora Hex Mini**
- **Profile Pandora Hex Micro (remote gear)**

**Profile Size**

- **Ceiling Cup**
- **3 x Stainless steel suspension cable with cabtyre**

**Profile size dependant to nearest 600**

**Pandora Hex 600mm**

- **Side View**
- **Bottom View**

**Pandora Hex 1200mm**

- **Side View**
- **Bottom View**

**Profile size dependant to nearest 1200**

**A294 - Ceiling cup 100 with 3 suspension cables**

**A295 - Ceiling cup 300 with 3 suspension cables**

**A296 - Ceiling cup 400 with 3 suspension cables (Remote gear fits into the cup)**
**PANDORA SQUARE**

**MODEL NUMBER**
- I426 - PANDORA 900 SQUARE
- I427 - PANDORA 900 SQUARE MINI
- I428 - PANDORA 900 SQUARE MICRO
- I417 - PANDORA 1200 SQUARE
- I429 - PANDORA 1200 SQUARE MINI
- I430 - PANDORA 1200 SQUARE MICRO
- I418 - PANDORA 1500 SQUARE
- I431 - PANDORA 1500 SQUARE MINI
- I432 - PANDORA 1500 SQUARE MICRO

**SPECIFICATIONS**

**HOUSING** : Extruded aluminium.

**LIGHT SOURCE** : The fitting is designed to operate LED up to 140W.

**DIFFUSER** : PMMA Matt Opal Profile + Hi Mt. LT87 high transmission diffuser or LT67 transmission diffuser.

**FINISH** : Powder coated.

**MOUNTING** : Suspended. Stainless steel wire. Mounting details to specifications - soffit, tiled or plastered ceiling.

**ACCESSORIES** : Decorative ceiling cup.
- A291 - Ceiling cup 75 with suspension cable only

**CONTROL GEAR** : The electronic power supply is suitable for operation with a 220 - 240 volts, 50 hertz single phase.

**APPLICATION** : Suitable for indoor use only.

**FEATURES** : Various size options to create lighting effects.
- Pandora Square- Profile size 70mm x 95mm
- Pandora Square Mini - Profile size - 50mm x 70mm
- Pandora Square Micro - Profile size - 33mm x 40mm. (Remote gear only).

Installation instruction available on request or on the website.

**N.B.** Ceiling details must be specified when ordering to ensure that correct mounting can be supplied. Not suitable for installation in open windy areas.

**APPLICATION AREAS**
- Indoor application.
- Symmetrical light distribution.
- Shopping centres
- Office receptions.
- Conference centres

**COLOURS**
- Black (BL)
- White (WH)
- Matt Silver (MS)
- Charcoal Grey (CG)
**LIGHT SOURCE**

**LED Osram Duris E5**

<table>
<thead>
<tr>
<th>Size</th>
<th>LED Current</th>
<th>Power (W)</th>
<th>Colour Temp</th>
<th>Nominal Flux (lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>900mm</td>
<td>700mA</td>
<td>84W</td>
<td>4000K</td>
<td>11376 lm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3000K</td>
<td>10580 lm</td>
</tr>
<tr>
<td>1200mm</td>
<td></td>
<td>112W</td>
<td>4000K</td>
<td>15168 lm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3000K</td>
<td>14106 lm</td>
</tr>
<tr>
<td>1500mm</td>
<td></td>
<td>140W</td>
<td>4000K</td>
<td>18960 lm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3000K</td>
<td>17633 lm</td>
</tr>
</tbody>
</table>

The environmental conditions of the installation will impact the efficiency of the LED's. Due to the continual advancement in LED technology the type of LED is subject to change.

**DIMENSIONS IN MM**

![Pandora Square surface mounted]

**PROFILE OPTIONS**

![Profile Pandora Square]

![Profile Pandora Square Mini]

![Profile Pandora Square Micro (remote gear)]

www.regentlight.co.za