CONTEMPORARY

EUROPA
C141/-C144 / C146

LUMINA
C147

PIAZZA
C149

ISTRIA
F212

MODRA
C153

RHODA
C139

SOLAR
F213

PENZA
C148

SUN
C119

TRADITIONAL

BOULEVARD
T104

TUSCAN
T102

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APPLICATION AREAS
Indoor or outdoor application.
Asymmetrical distribution.
Group B road lighting.
Parking areas.
Parks and gardens.
Residential areas.
Squares and plazas.

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

MODEL NUMBER
- C141 - SINGLE 0 DEGREE
- C142 - SINGLE 15 DEGREE
- C143 - DOUBLE 0 DEGREE
- C144 - DOUBLE 15 DEGREE
- C146 - 76MM POLE MOUNT

SPECIFICATIONS

HOUSING: Luminaire head manufactured from 3CR12 stainless steel or 304 stainless steel for coastal installation and pole extruded aluminium.

LIGHT SOURCE: The fitting is designed to operate a LED up to 64W. The LED is an Osram high powered LED mounted on an aluminium circuit board incorporating Zener diodes and thermal protection. Recommended LED 4000 Kelvin Natural white with CRI >70. At an ambient temperature of 25° C, the lumen maintenance is 90% at 60 000 hours and 70% at 100 000 hours.

DIFFUSER: Toughened glass or high impact acrylic offering added protection for optical lenses.

LENSES: For LED - Modular optical lenses are used. Material PMMA. Various lens options available for different applications, allowing for custom solutions.

FINISH: Powder coated.

MOUNTING: Post mounted - vertical post. Recommended mounting height 3.5m to 5m. Rectangular pole option 100 x 150mm pole. Luminaire head fixed at 0° or 15°. Slide over option 76mm Ø pole.

ACCESSORIES: Access door, MCB and bolt cage. Base plate options - base plate with gaskets or base plate with stubby. The stubby allows for hidden mounting as it can be tiled over.

CONTROL GEAR: The electronic power supply is suitable for operation with a 220 - 240 volts, 50 hertz single phase. It incorporates an electronic trip connector protector with surge protection 6 KV. Additional removable inline surge arrester 10 KV.

FASTENERS: All external screws are stainless steel. Cable glands are SABS approved to insulate IP67 ingress protection.

GASKET: Gaskets are manufactured from post cured silicone rubber material. Silicone gaskets perform in a wide temperature range -40° C to +200° C.

INGRESS PROTECTION: IP 65.

MECHANICS: Operating Temperature (Ta) ≤ 36° C.

Weight: Europa Single - 12 Kg total including control gear.
Windage: Max. projected areas for mounting Europa Single Head - 0.1 m² 
Europa Double Head - 0.2 m²
Europa Single 5m pole - 0.75 m²
DIMENSIONS IN MM

RECTANGULAR POLE

Europa Single Side View Plinth mounted

Europa Front View Plinth mounted

Europa Double Side View Plinth mounted

Pole Profile 150mm x 100mm

Recommended Mounting Height 3.5m to 5m

Access Door

Base Plate

200 c/c

Stubby

300 x 300 x 6mm Gussets

300 x 300 x 12mm

Base Plate Detail with Gussets 300 x 300 x 10mm

300 x 300 x 12mm

Base Plate Detail for Stubby

Bolt Cage M16 threaded rod

Europa Single Bottom View

76mm DIAMETER POLE MOUNTED

Europa Single Side View 76mm Post Top on Stepped Modern Pole Plinth mounted

Europa Double Side View 76mm Post Top on Stepped Modern Pole Buried

344

300

200 c/c

Foot plate with hook bolts

Bolt Cage M10 threaded Rod

76mm Ø

127mm Ø

Recommended Mounting Height 3.5m to 5m

Depends on mounting height

Depends on mounting height

Base Plate

Bolt Cage

Cable Entry

60 x 100 x 6mm Gussets

4 x 18mm Ø mounting holes

4 x 18mm Ø mounting holes

4 x 18mm Ø mounting holes

4 x 18mm Ø mounting holes

3 x 11mm Ø mounting holes

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# LIGHT SOURCE

**LED Osram Oslo Square Giant 4000 Kelvin**

<table>
<thead>
<tr>
<th>LED Current</th>
<th>12 LED’s</th>
<th>24 LED’s</th>
<th>32 LED’s</th>
<th>Lifetime Residual Flux @ Ta 25° C</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Power (W)</td>
<td>Nominal Flux (lm)</td>
<td>Power (W)</td>
<td>Nominal Flux (lm)</td>
</tr>
<tr>
<td>500mA</td>
<td>17W</td>
<td>2676 lm</td>
<td>34W</td>
<td>5352 lm</td>
</tr>
<tr>
<td>700mA</td>
<td>24W</td>
<td>3617 lm</td>
<td>48W</td>
<td>7234 lm</td>
</tr>
</tbody>
</table>

3000K and 5000K available on request.
The nominal flux of the LED is based on the LED manufacturers data at 25° C.
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.

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**LIGHT DISTRIBUTION**

Suggested LED lens options. Various lens options available for different applications, allowing for custom solutions.

**LED 48W RLS360**

Mounted @ 5m

**LED 48W RLS858**

Mounted @ 5m

[Diagram of LED 48W RLS360]

[Diagram of LED 48W RLS858]
APPLICATION AREAS
Indoor or outdoor application.
Asymmetrical distribution.
Roadways - A4 class and B class.
Parking areas.
Parks and gardens.
Residential areas.
Squares and plazas.

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

MODEL NUMBER
F212 - ISTRIA

SPECIFICATIONS
HOUSING: LM 6 die cast aluminium.
LIGHT SOURCE: The fitting is designed to operate a range of LED’s up to 93W. The LED is an Osram high powered LED mounted onto an aluminium circuit board incorporating Zener diodes and thermal protection. Recommended LED 4000 Kelvin Natural white with CRI >70. 3000K and 5000K available on request. LED at an ambient temperature of 25°C, the lumen maintenance is 90% at 60 000 hours and 70% at 100 000 hours.
DIFFUSER: Toughened glass or high impact acrylic offering added protection for optical lenses.
LENSES: Modular optical lenses. Material PMMA. Various lens options available for different applications, allowing for custom solutions.
FINISH: Cast aluminium or powder coated.
MOUNTING: Post mounted or wall mounted. Luminaire designed to face downwards at a maximum rake of 15°. Spigot entry 42mm Ø . Recommended mounting height 3.5m to 7m.
ACCESSORIES: Roto bracket, which allows for adjustment on the horizontal plane.
CONTROL GEAR: The electronic power supply is suitable for operation with a 220 - 240 volts, 50 hertz single phase. Incorporating an electronic trip connector protector with surge protection 6 KV. Additional removable inline surge arrester 10 KV.
FASTENERS: All external screws are stainless steel. Cable glands are SABS approved to insulate IP67 ingress protection.
GASKET: Gaskets are manufactured from post cured silicone rubber material. Silicone gaskets perform in a wide temperature range -40°C to +200°C.
INGRESS PROTECTION: Ingress Protection Rating optical compartment - IP 66.
Gloss Protection Rating gear compartment - IP 65.
MECHANICS: Operating Temperature (Ta) ≤ 36°C.
Weight: 6.9 Kg total including control gear.
Windage: Max. projected areas for mounting 0.02m²
### LIGHT SOURCE

**LED Osram Oslon Square Giant 4000 Kelvin**

<table>
<thead>
<tr>
<th>LED Current</th>
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<th>36 LED’s</th>
<th>Lifetime Residual Flux @ To 25°C</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Power [W]</td>
<td>Nominal Flux [lm]</td>
<td>Power [W]</td>
<td>Nominal Flux [lm]</td>
</tr>
<tr>
<td>350mA</td>
<td>12W</td>
<td>1910 lm</td>
<td>23W</td>
<td>3820 lm</td>
</tr>
<tr>
<td>500mA</td>
<td>17W</td>
<td>2676 lm</td>
<td>34W</td>
<td>5352 lm</td>
</tr>
<tr>
<td>700mA</td>
<td>24W</td>
<td>3617 lm</td>
<td>48W</td>
<td>7234 lm</td>
</tr>
<tr>
<td>900mA</td>
<td>31W</td>
<td>4443 lm</td>
<td>62W</td>
<td>8886 lm</td>
</tr>
</tbody>
</table>

3000K and 5000K available on request.
The nominal flux of the LED is based on the LED manufacturers data at 25°C.
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.

### LIGHT DISTRIBUTION

Suggested lens options. Various lens options available for different applications, allowing for custom solutions.

**LED 72W RLS360**

Mounted @ 6m

**LED 72W RLS858**

Mounted @ 6m
APPLICATION AREAS

Outdoor application.
Asymmetrical distribution.
Street Lighting
Area Lighting
Security Lighting
Parking Areas
Roads in off grid areas
Road works and traffic control

MODEL NUMBER

F213 · SOLAR

SPECIFICATIONS

SUGGESTED LUMINAIRE: Istria or Modra Fittings - LM6 marine grade die cast aluminium. 10 year construction guarantee. IP66 rated LED and gear compartment. For detailed luminaire specifications refer to Regent Istria or Modra Brochure.

LIGHT SOURCE: The fitting is designed to operate a range of LED’s up to 40W. The LED is an Osram high powered LED mounted onto an aluminium circuit board incorporating Zener diodes and thermal protection.

HOUSING: All components are manufactured from powder coated stainless steel for coastal regions and powder coated galvanised mild steel for inland use.

MOUNTING: Plinth mounted or buried.

SOLAR PANEL: ENORSOL modules offer a 25 year linear warranty. Rated output 100-250W depending on the system load and geographical location.

BATTERY: Lead crystal gel Deep cycle 70Ah 12V batteries with an expected lifetime of 10 years @ 25°C.

MODULE BRACKETS: Tilt adjustable bracketing system for accurate sun path adjustment.

CHARGE CONTROLLER: Blue solar charge controller.

Use of the latest charging technologies combined with state of charge determination enable optimal battery maintenance and module power monitoring for up to 900 Wp of connected power. The state of charge is represented visually in the form of a tank display. Data such as voltage, current and state of charge can also be displayed digitally as figures on the display. In addition, the controller has an energy meter which can be reset by the user.

Night light and morning light function.

Integrated self test

ACCESSORIES: Solar panel assembly 30W.
Solar panel assembly 60W. Roto bracket, which allows for adjustment on the horizontal plane for luminaire,

FEATURES: Each system is designed to operate optimally for 12 hour night cycle and up to two nights operation without system charge.
All external cabling is UV stabilised with IP67 plug connectors, no tooling required for connecting.
Integrated “hot swap” electronic components.
Theft and vandal resistant.
Engineered for all geographical locations in Africa.

OPTIONAL ACCESSORIES: Blue-tooth adaptor on the controller, this allows you to connect to the fitting via a free APP that allows you to monitor the battery/panel and the fitting.
AMENITY LIGHTING

DIMENSIONS IN MM

Solar panel 1053mm x 680mm
Solar Panel angled and positioned to specific position, dependant on geographical location.
Battery Box for 2 Batteries
Istria or Modra Luminaire

127mm Ø Galvanised Steel Pole

Solar panel 1025mm x 1349mm
Solar Panel angled and positioned to specific position, dependant on geographical location.
Battery Box for 2 Batteries
2 x Istria or Modra Luminaire

127mm Ø Galvanised Steel Pole

SUGGESTED LUMINAIRES

Istria Bottom View

Istria Side View

Istria Front View

Modra Bottom View

Modra Side View

Modra Front View

Solar with Istria Luminaire

Solar with Modra Luminaire

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LIGHT SOURCE

LED Osram Oslon Square Giant 4000 Kelvin

<table>
<thead>
<tr>
<th>Power</th>
<th>12 LED’s</th>
<th>24 LED’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>12V</td>
<td>20W</td>
<td>3617 lm</td>
</tr>
</tbody>
</table>

3000K and 5000K available on request.
The nominal flux of the LED is based on the LED manufacturers data at 25° C.
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.

LIGHT DISTRIBUTION

Suggested lens options. Various lens options available for different applications, allowing for custom solutions.

LED 30W RLS360
Mounted @ 5m

LED 30W RLS58
Mounted @ 5m
### Application Areas

Indoor or outdoor application. Asymmetrical distribution. Roadways - A3 class, A4 class and B class. Parking areas. Parks and gardens. Residential areas.

### Specifications

#### Housing
LM 6 die cast aluminium.

#### Light Source
The fitting is designed to operate a range of LED’s up to 132W. The LED is an Osram high powered LED mounted onto an aluminium circuit board incorporating Zener diodes and thermal protection. Recommended LED 4000 Kelvin Natural white with CRI >70. At an ambient temperature of 25° C, the lumen maintenance is 90% at 60 000 hours and 70% at 100 000 hours.

#### Diffuser
Toughened glass or high impact acrylic offering added protection for optical lenses.

#### Lenses
Modular optical lenses. Material PMMA. Various lens options available for different applications, allowing for custom solutions.

#### Finish
Cast aluminium or Powder coated.

#### Mounting
Post mounted or wall mounted. Side entry with a pole adaptor available for 60mm or 76mm Ø spigots. Complies with SANS 1088-table 1. Spigot entry 42mm Ø with a 130mm depth. Recommended mounting height 4m to 9m.

#### Control Gear
The electronic power supply is suitable for operation with a 220 - 240 volts. 50 hertz single phase. Incorporating an electronic trip connector protector with surge protection 6 KV. Additional removable inline surge arrester 10 KV.

#### Fasteners
All external screws are stainless steel. Cable glands are SABS approved to insulate IP67 ingress protection.

#### Gasket
Gaskets are manufactured from post cured silicone rubber material. Silicone gaskets perform in a wide temperature range -40° C to +200° C.

#### Ingress Protection

#### Mechanics
Operating Temperature (Tₜ) ≤ 36° C. Weight: 8.3 Kg total including control gear. Windage: Max. projected areas for mounting 0.03m²

#### Additional Optional Features
- Daylight Switch: Photocell can be incorporated.
- Vandal Resistant: Tamper proof latch available
- Dimming: Optional dimming is available on request.
- Installation: Level indicator.
DIMENSIONS IN MM

Lumina Front View

Lumina Bottom View

Lumina Wall Mounted

Lumina Double Post Top mounted on Galvanised Steel Pole Plinth

Lumina Single Post Top mounted on Galvanised Steel Pole Plinth

NOTE: For detailed mounting specifications and pole options, refer to pole and accessories section

Recommended Mounting Height
4m to 9m

Dependant mounting height

114mm Ø
Access Door

Base Plate

Bolt Cage

Lumina Double

Lumina Triple

300

250

550

300

550

150

110 c/c

4 x 11mm Ø mounting holes

Front View

Wall Mounting Plate Detail

Side View

Wall Mounting Plate Detail

Recommended Mounting Height

76mm Ø

114mm Ø

Cable Entry

Foot Plate

Recommended Mounting Height

76mm Ø

114mm Ø

Access Door

Recommended Mounting Height

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The Lumina is aesthetically designed with features and solutions to maximise the duration of the lamp’s life span.

**LIGHT SOURCE**

LED Osram Oslon Square Giant 4000 Kelvin

<table>
<thead>
<tr>
<th>LED Current</th>
<th>24 LED’s</th>
<th>36 LED’s</th>
<th>48 LED’s</th>
<th>Lifetime Residual Flux @ Ta 25° C</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Power (W)</td>
<td>Nominal Flux (lm)</td>
<td>Power (W)</td>
<td>Nominal Flux (lm)</td>
</tr>
<tr>
<td>350mA</td>
<td>23W</td>
<td>3820 lm</td>
<td>35W</td>
<td>5730 lm</td>
</tr>
<tr>
<td>500mA</td>
<td>34W</td>
<td>5352 lm</td>
<td>51W</td>
<td>8028 lm</td>
</tr>
<tr>
<td>700mA</td>
<td>48W</td>
<td>7234 lm</td>
<td>72W</td>
<td>10851 lm</td>
</tr>
<tr>
<td>900mA</td>
<td>62W</td>
<td>8886 lm</td>
<td>93W</td>
<td>13329 lm</td>
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</tbody>
</table>

3000K and 5000K available on request.  
The nominal flux of the LED is based on the LED manufacturers data at 25° C.  
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.

The Lumina is aesthetically designed with features and solutions to maximise the duration of the lamp’s life span.

**LIGHT DISTRIBUTION**

Suggested lens options. Various lens options available for different applications, allowing for custom solutions.

96W LED RLS360
Car parks & Residential streets wide

96W LED RLS858
Narrow road with extra wide spacing

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C153 - MODRA

APPLICATION AREAS

HOUSING: LM 6 die cast aluminium.

LIGHT SOURCE: The fitting is designed to operate a range of LED’s up to 48W. The LED is an Osram high powered LED mounted onto an aluminum circuit board incorporating Zener diodes and thermal protection. Recommended LED 4000 Kelvin Natural white with CRI >70. At an ambient temperature of 25°C, the lumen maintenance is 90% at 60 000 hours and 70% at 100 000 hours.

DIFFUSER: Toughened glass or high impact acrylic offering added protection for optical lenses.

LENSES: Modular optical lenses. Material PMMA. Various lens options available for different applications, allowing for custom solutions.

FINISH: Powder coated.

MOUNTING: Post mounted or wall mounted. Luminaire designed to face downwards at a maximum rake of 15°. Recommended mounting height 3.5m to 6m. Mounting Options
- On a 76mm Ø pole, with a Roto bracket or fixed spigot.
- Flush mounted on a 150mm x 100mm pole.
- Wall mounted with a Roto bracket or fixed spigot.

ACCESSORIES: Roto bracket, which allows for adjustment on the horizontal plane.

CONTROL GEAR: The electronic power supply is suitable for operation with a 220 - 240 volts, 50 hertz single phase. Incorporating an electronic trip connector protector with surge protection 6 KV. Additional removable inline surge arrester 10 KV.

FASTENERS: All external screws are stainless steel.

GASKET: Gaskets are manufactured from post cured silicone rubber material.

INGRESS PROTECTION: IP 65.

MECHANICS: Operating Temperature (Ta) ≤ 36°C.

Weight: 6.5 Kg total including control gear.

Windage: Max. projected areas for mounting 0.07m².

SPECIFICATIONS

MODEL NUMBER
C153 - MODRA

COLOURS

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

APPLICATION AREAS

Indoor or outdoor application.
Roadways - A4 class and B class.
Parking Areas.
Parks and gardens.
Residential areas.
Squares and plazas.

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DIMENSIONS IN MM

Recommended Mounting Height 3.5m to 6m

Pole Profile 150mm x 100mm

76mm Ø

127mm Ø

Base Plate Detail

Stubby Base Plate Detail

300 x 300 x 12mm

500 x 300 x 12mm

4 x 8.5mm Ø mounting holes

4 x 11mm Ø mounting holes

150 x 100 Pole

0° to 30° Rotation on a Rotor Bracket

Wall Mounting Plate Detail

150 c/c

100 c/c

Wall Mounting Plate Detail Roto Bracket

150 c/c

50 c/c

Modra Post Top on 150 x 100 Pole

Side View

Modra Bottom View

Gear Compartment

Optical Compartment

Modra Front View

Side View Single

Modra Post Top on a Stepped Modern Pole Finih

Side View Double

Modra Post Top on Stepped Modern Pole Buried

Base Detail

Bolt Cage

M10 Threaded Rod

Stubby Bolt Cage

M16 threaded rod

3 x 11mm Ø mounting holes

300 c/c

500 c/c

300 x 300 x 12mm

Stubby Bolt Cage

M16 threaded rod

3 x 11mm Ø mounting holes

300 c/c

500 c/c

300 x 300 x 12mm

Side View

Modra Post Top on Stepped Modern Pole Finih

Side View

Modra Post Top on Stepped Modern Pole Buried

0° to 30° Rotation on a Rotor Bracket

Wall Mounting Plate Detail

150 c/c

110 c/c

Wall Mounting Plate Detail Roto Bracket

150 c/c

110 c/c

100 c/c

150 c/c

110 c/c

4 x 11mm Ø mounting holes

4 x 8.5mm Ø mounting holes

140 c/c

50 c/c

Modra wall mounted with a Roto bracket

Modra wall mounted fixed bracket

Modra wall mounted with Roto bracket

Modra wall mounted with a Roto bracket
**LIGHT SOURCE**

**LED Osram Osloan Square Giant 4000 Kelvin**

<table>
<thead>
<tr>
<th>LED Current</th>
<th>12 LED’s</th>
<th>16 LED’s</th>
<th>Lifetime Residual Flux @ Ta 25°C</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Wattage</td>
<td>Lumen</td>
<td>Wattage</td>
</tr>
<tr>
<td>700mA</td>
<td>24W</td>
<td>3414 lm</td>
<td>32W</td>
</tr>
<tr>
<td>900mA</td>
<td>31W</td>
<td>4254 lm</td>
<td>40W</td>
</tr>
<tr>
<td>1050mA</td>
<td>36W</td>
<td>4603 lm</td>
<td>48W</td>
</tr>
</tbody>
</table>

3000K and 5000K available on request. For 3000K reduce lumen output by 7%.

The nominal flux of the LED is based on the LED manufacturers data at 25°C. 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.

**LIGHT DISTRIBUTION**

Suggested lens options. Various lens options available for different applications, allowing for custom solutions.

**LED 40W RLS360**

**LED 40W RLS858**
APPLICATION AREAS
Indoor or outdoor application. Symmetrical or asymmetrical distribution. Roadways - B class. Parking areas. Parks and gardens. Residential areas.

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

MODEL NUMBER
C148 - PENZA

SPECIFICATIONS
HOUSING: LM 6 die cast aluminium.
LIGHT SOURCE: The fitting is designed to operate a range of LED’s up to 72W. The LED is an Osram high powered LED mounted onto an aluminium circuit board incorporating Zener diodes and thermal protection. Recommended LED 4000 Kelvin Natural white with CRI > 70. At an ambient temperature of 25°C, the lumen maintenance is 90% at 60 000 hours and 70% at 100 000 hours.
DIFFUSER: Toughened glass or high impact acrylic offering added protection for optical lenses.
LENSES: Modular optical lenses. Material PMMA. Various lens options available for different applications, allowing for symmetrical or asymmetrical solutions.
FINISH: Powder coated.
MOUNTING: Post mounted or pedestal mounted. Recommended mounting height 3.5m to 6m. Spigot entry 76mm Ø at a depth of 76mm. For detailed mounting specifications refer to pole and accessories section.
CONTROL GEAR: The electronic power supply is suitable for operation with a 220 - 240 volts. 50 hertz single phase. Incorporating an electronic trip connector protector with surge protection 6 KV. Additional removable inline surge arrester 10 KV.
FASTENERS: All external screws are stainless steel. Cable glands are SABS approved to insulate IP67 ingress protection.
GASKET: Gaskets are manufactured from post cured silicone rubber material. Silicone gaskets perform in a wide temperature range -40°C to +200°C.
MECHANICS: Operating Temperature (Ta) ≤ 36°C.
Weight: 9 Kg total including control gear.
Windage: Max. projected areas for mounting 0.08m²
**Recommended Mounting Height**
3.5m to 6m

**Cable Entry**

**Access Door**

**Foot plate with Hook Bolts**

**Bolt Cage**

**M10 Threaded Rod**

**Dependant on mounting height**

**Dimensions in mm**

**Penza Post Top Front View on a Stepped Modern Pole Plinth**

**Penza Post Top Side View on Stepped Modern Pole Buried**

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## LIGHT SOURCE

### LED Osram Oslo Square Giant 4000 Kelvin

<table>
<thead>
<tr>
<th>LED Current</th>
<th>24 LED’s</th>
<th>36 LED’s</th>
<th>Lifetime Residual Flux @ Ta 25°C</th>
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<tbody>
<tr>
<td></td>
<td>Power (W)</td>
<td>Nominal Flux (lm)</td>
<td>Power (W)</td>
</tr>
<tr>
<td>350mA</td>
<td>23W</td>
<td>3820 lm</td>
<td>35W</td>
</tr>
<tr>
<td>500mA</td>
<td>34W</td>
<td>5352 lm</td>
<td>51W</td>
</tr>
<tr>
<td>700mA</td>
<td>48W</td>
<td>7234 lm</td>
<td>72W</td>
</tr>
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3000K and 5000K available on request.

The nominal flux of the LED is based on the LED manufacturers data at 25°C. 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.

### LIGHT DISTRIBUTION

Suggested lens options. Various lens options available for different applications, allowing for custom solutions.

Symmetrical 72W LED RLS858

Asymmetrical 72W LED RLS858 @ 4m

Asymmetrical light distribution

Symmetrical light distribution
MODEL NUMBER

C149 - PIAZZA

SPECIFICATIONS

HOUSING: Extruded aluminium.
LIGHT SOURCE: The fitting is designed to operate a range of LED’s up to 48W. The LED is an Osram high powered LED mounted onto an aluminium circuit board incorporating Zener diodes and thermal protection. Recommended LED 4000 Kelvin Natural white with CRI >70. At an ambient temperature of 25° C, the lumen maintenance is 90% at 60 000 hours and 70% at 100 000 hours.
DIFFUSER: High impact acrylic offering added protection for optical lenses.
LENSES: Modular optical lenses are used. Material PMMA. Various lens options available for different applications, allowing for custom solutions.
FINISH: Powder coated.
MOUNTING: Post mounted - vertical post. Recommended mounting height 3.5m to 4.5m.
ACCESSORIES: Access door, MCB and stubby with bolt cage.
CONTROL GEAR: The electronic power supply is suitable for operation with a 220 - 240 volts, 50 hertz single phase. Incorporating an electronic trip connector protector with surge protection 6 KV. Additional removable inline surge arrester 10 KV.
FASTENERS: All external screws are stainless steel. Cable glands are SABS approved to insulate IP67 ingress protection.
GASKET: Gaskets are manufactured from post cured silicone rubber material. Silicone gaskets perform in a wide temperature range -40° C to +200° C.

INGRESS PROTECTION: Ingress Protection Rating optical compartment - IP 66.
INGRESS PROTECTION: Ingress Protection Rating gear compartment - IP 65.
MECHANICS: Operating Temperature (Ta) ≤ 36° C.
Weight: 6.5 Kg total including control gear.
Windage: Max. projected areas for mounting Piazza Single - 0.02 m² Piazza Double - 0.05 m² Piazza 5m pole - 1.00 m²
LIGHT SOURCE

LED Osram OsIon Square Giant 4000 Kelvin

<table>
<thead>
<tr>
<th>LED Current</th>
<th>12 LED’s</th>
<th>24 LED’s</th>
<th>Lifetime Residual Flux @ Ta 25°C</th>
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</tr>
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<td>350mA</td>
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</tr>
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</tr>
<tr>
<td>700mA</td>
<td>24W</td>
<td>3617 lm</td>
<td>48W</td>
</tr>
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3000K and 5000K available on request.
The nominal flux of the LED is based on the LED manufacturers data at 25°C.
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.

LIGHT DISTRIBUTION

Suggested lens options. Various lens options available for different applications, allowing for custom solutions.

48W LED RLS360  
Mounted @ 4.5m

48W LED RLS858  
Mounted @ 4.5m

www.regentlight.co.za
MODEL NUMBER

C139 - RHODA

SPECIFICATIONS

HOUSING: LM 6 die cast aluminium.
LIGHT SOURCE: The fitting is designed to operate a range of LED’s up to 80W. The LED is an Osram high powered LED mounted onto an aluminium circuit board incorporating Zener diodes and thermal protection. Recommended LED 4000 Kelvin Natural white with CRI >70. At an ambient temperature of 25° C, the lumen maintenance is 90% at 60 000 hours and 70% at 100 000 hours.
DIFFUSER: Optic glass.
LENSES: Modular optical lenses are used. Material PMMA. Various lens options available for different applications, allowing for custom solutions.
FINISH: Cast aluminium or Powder coated.
MOUNTING: Post or wall mounted.
Recommended mounting height 3.5m to 9m. 42mm Ø spigot entry. For detailed mounting specifications refer to pole and accessories section.
CONTROL GEAR: The electronic power supply is suitable for operation with a 220 – 240 volts, 50 hertz single phase. Incorporates an electronic trip connector protector with surge protection 6 KV. Additional removable inline surge arrester 10 KV.
FASTENERS: All external screws are stainless steel. Cable glands are SABS approved to insulate IP67 ingress protection.
GASKET: Gaskets are manufactured from post cured silicone rubber material. Silicone gaskets perform in a wide temperature range -40°C to +200°C.
INGRESS PROTECTION: IP 66.
MECHANICS: Operating Temperature (Ta) ≤ 36° C.
Weight: 9.3 Kg total including control gear.
Windage: Max. projected areas for mounting 0.06193m²

APPLICATION AREAS

Indoor or outdoor application.
Asymmetrical distribution.
Roadways - A4 class and B class.
Parking areas.
Parks and gardens.
Residential areas.
Squares and plazas.

COLOURS

Black (BL)  White (WH)  Matt Silver (MS)  Charcoal Grey (CG)
NOTE: For detailed mounting specifications and pole options, refer to pole and accessories section.

**Rhoda Single Post Top mounted on Galvanised Steel Pole Plinth**

**Rhoda Double Post Top mounted on Galvanised Steel Pole Buried**

**Rhoda Post Top on Single Ladder Bracket**

**Rhoda Post Top on Airfoil Brackets**

**Rhoda Post Top on Curved Double Pole**

**DIMENSIONS IN MM**

**RHODA BRACKET OPTIONS**

More bracket option available. Refer to accessories section.

**Rhoda Front View**

**Rhoda Single Post Top Top View**

**Rhoda Double Post Top Top View**

**Rhoda Wall Mounted**

**Rhoda Triple Post Top Top View**

**Rhoda Quad Post Top Top View**

www.regentlight.co.za
LIGHT SOURCE

LED Osram OsIon Square Giant 4000 Kelvin

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<tr>
<td>900mA</td>
<td>31W</td>
<td>4443 lm</td>
<td>62W</td>
<td>8886 lm</td>
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3000K and 5000K available on request.
The nominal flux of the LED is based on the LED manufacturers data at 25° C.
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.

LIGHT DISTRIBUTION

Suggested lens options. Various lens options available for different applications, allowing for custom solutions.

LED 48W RLS360
Mounted @ 5m

LED 48W RLS585
Mounted @ 5m
AMENITY LIGHTING

SUN
Indoor or outdoor application. Asymmetrical distribution. Roadways - A3 class, A4 class and B class. Parking areas. Parks and gardens. Residential areas. Squares and plazas.

**APPLICATION AREAS**

**SPECIFICATIONS**

- **MODEL NUMBER**
  - C119 - Sun

- **HOUSING**: LM 6 die cast aluminium.

- **LIGHT SOURCE**: The fitting is designed to operate a range of LED’s up to 72W. The LED is an Osram high powered LED mounted onto an aluminium circuit board incorporating Zener diodes and thermal protection. Recommended LED 4000 Kelvin Natural white with CRI >70. At an ambient temperature of 25° C, the lumen maintenance is 90% at 60 000 hours and 70% at 100 000 hours.

- **DIFFUSER**: Tempered glass.

- **LENSES**: Modular optical lenses are used. Material PMMA. Various lens options available for different applications, allowing for custom solutions.

- **FINISH**: Powder coated.

- **MOUNTING**: Post or wall mounted. Recommended mounting height 3.5m to 9m Top mounted, equipped with threaded aluminium M24 connecting nipple. Side entry 34mm Ø spigot entry. For detailed mounting specifications refer to pole and accessories section.

- **CONTROL GEAR**: The electronic power supply is suitable for operation with a 220 - 240 volts. 50 hertz single phase. For LED - Incorporates an electronic trip connector protector with surge protection 6 KV. Additional removable inline surge arrester 10 KV.

- **FASTENERS**: All external screws are stainless steel. Cable glands are SABS approved to insulate IP67 ingress protection.

- **GASKET**: Gaskets are manufactured from post cured silicone rubber material. Silicone gaskets perform in a wide temperature range -40° C to +200° C.

- **INGRESS PROTECTION**: IP 65.

- **MECHANICS**: Operating Temperature (Ta) ≤ 36° C. Weight: 10 Kg total including control gear. Windage: Max. projected areas for mounting - 0.07531 m²

**COLOURS**

- Black (BL)
- White (WH)
- Matt Silver (MS)
- Charcoal Grey (CG)
NOTE: For detailed mounting specifications and pole options, refer to pole and accessories section

SUN BRACKET OPTIONS

Sun Wall Mounted

Sun Double Post Top mounted on Galvanised Steel Pole Plinth

Sun Triple Post Top mounted on Curved Double Pole

Sun Quad Post Top

Sun Quad Post Top on Curved Double Pole

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**LIGHT SOURCE**

LED Osram Osion Square Giant 4000 Kelvin

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3000K and 5000K available on request.
The nominal flux of the LED is based on the LED manufacturers data at 25° C.
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Due to the continual advancement in LED technology the type of LED is subject to change.

**LIGHT DISTRIBUTION**

Suggested LED lens options. Various lens options available for different applications, allowing for custom solutions.

48W LED RLS360  
Mounted @ 5m

48W LED RLS858  
Mounted @ 5m
APPLICATION AREAS

MODEL NUMBER
T104 - BOULEVARD

SPECIFICATIONS
HOUSING: LM 6 die cast aluminium.
LIGHT SOURCE: The fitting is designed to operate a range of LED’s up to 72W. LED used - Osram high powered LED mounted onto an aluminium circuit board incorporating Zener diodes and thermal protection. Zener diodes between each LED.
Recommended LED 4000 Kelvin Natural white with CRI >70. At an ambient temperature of 25°C, the lumen maintenance is 90% at 60 000 hours and 70% at 100 000 hours.
DIFFUSER: Clear UV stabilised acrylic.
LENSES: For LED - Modular optical lenses are used. Material PMMA. Various lens options available for different applications, allowing for custom solutions.
FINISH: Powder coated or paint technique.
MOUNTING: Post or wall mounted. Top Entry. Recommended mounting height 4.5m to 9m. Spigot entry 38mm Ø.
For detailed mounting specifications refer to pole and accessories section.
CONTROL GEAR: The electronic power supply is suitable for operation with a 220 - 240 volts. 50 hertz single phase. Incorporates an electronic trip connector protector with surge protection 6 KV. Additional removable inline surge arrester 10 KV.
FASTENERS: All external screws are stainless steel. Cable glands are SABS approved to insulate IP67 ingress protection.
GASKET: Gaskets are manufactured from post cured silicone rubber material. Silicone gaskets perform in a wide temperature range -40°C to +200°C.
INGERSS PROTECTION: IP 65.
MECHANICS: Operating Temperature (Tₐ) ≤ 36°C.
Weight: 13 Kg total including control gear.
Windage: Max. projected areas for mounting 0.12044 m²

COLOURS
- Black (BL)
- White (WH)
- Moss Green (MG)
- Antique Green (AG)
- Antique Gold (AD)
- Antique Silver (AS)
- Antique Copper (AC)
**DIMENSIONS IN MM**

Boulevard Post Top Single
direct mounted on
Decorative Galvanised Post

Boulevard Post Top Double on
Boulevard Post

Boulevard Post
Base Plate Detail

Boulevard Post
Bolt Cage
M16 Threaded Rod

Wall Mounting Plate Detail

Boulevard Wall Mounted

**NOTE:** For detailed mounting specifications and pole options, refer to pole and accessories section.
LIGHT SOURCE

LED Osram Oslo Square Giant 4000 Kelvin

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LIGHT DISTRIBUTION

Suggested LED lens options. Various lens options available for different applications, allowing for custom solutions.

LED 48W RLS360
Mounted @ 5m

LED 48W RLS858
Mounted @ 5m
MODEL NUMBER
T102 - TUSCAN

SPECIFICATIONS

HOUSING: LM 6 die cast aluminium.
LIGHT SOURCE: The fitting is designed to operate a range of LED’s up to 72W. Osram high powered LED mounted onto an aluminium circuit board incorporating Zener diodes and thermal protection. Zener diodes between each LED. Recommended LED 4000 Kelvin Natural white with CRI >70. At an ambient temperature of 25° C, the lumen maintenance is 90% at 60 000 hours and 70% at 100 000 hours.
DIFFUSER: Standard or tempered glass.
LENSES: Modular optical lenses are used. Material PMMA. Various lens options available for different applications, allowing for custom solutions.
FINISH: Powder coated or paint technique.
MOUNTING: Post or wall mounted. Recommended mounting height 3m to 9m. Spigot entry 76mm Ø. For detailed mounting specifications refer to pole and accessories section.
CONTROL GEAR: The electronic power supply is suitable for operation with a 220 - 240 volts, 50 hertz single phase. Incorporates an electronic trip connector protector with surge protection 6 KV. Additional removable inline surge arrester 10 KV.
FASTENERS: All external screws are stainless steel. Cable glands are SABS approved to insulate IP67 ingress protection.
GASKET: Gaskets are manufactured from post cured silicone rubber material. Silicone gaskets perform in a wide temperature range -40° C to +200° C.
INGRESS PROTECTION: IP 54.
MECHANICS: Operating Temperature (T₀) ≤ 36° C.
Weight: 19 Kg total including control gear.
Windage: Max. projected areas for mounting 0.2231 m²

APPLICATION AREAS

COLOURS

- Black (BL)
- White (WH)
- Moss Green (MG)
- Antique Green (AG)
- Antique Gold (AD)
- Antique Silver (AS)
- Antique Copper (AC)
AMENITY LIGHTING

DIMENSIONS IN MM

Tuscan Post Top mounted on Century Post Plinth
Tuscan Post Top mounted on Galvanised Steel Pole Buried

Century Post Base Detail
Century Post Bolt Cage
M10 Threaded Rod

Wall Mounting Plate Detail
Tuscan Wall Mounted

NOTE: For detailed mounting specifications and pole options, refer to pole and accessories section

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LIGHT SOURCE

LED Osram Osloan Square Giant 4000 Kelvin

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Due to the continual advancement in LED technology the type of LED is subject to change.

LIGHT DISTRIBUTION

Suggested LED lens options. Various lens options available for different applications, allowing for custom solutions.

LED 48W RLS360
Mounted @ 5m

LED 48W RLS858
Mounted @ 5m

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