POST TOP LIGHTING
CONTEMPORARY

ARGO
C152

COLUMBIA
C129

KAZO
C150 / C151

PENZA
C148

VOYAGER 1
C113

WAVE 1
C120

CHALLENGER
C103

DISCOVERY INDIRECT
C107/C108

LUNAR
C102A/C102I

PIAZZA
C149

VOYAGER 2
C114

CHALLENGER MINI
C104

HALO
C145

MODRA
C153

SATURN
C112

VOYAGER 3
C115

TRADITIONAL

TUSCAN
T102
APPLICATION AREAS

Outdoor application.
Symmetrical distribution.
Parking Areas.
Parks and gardens.
Residential areas.
Squares and plazas.

COLOURS

- Black (BL)
- White (WH)

MODEL NUMBER

C152 - ARGO

SPECIFICATIONS

HOUSING: Spigot & Heat sink - LM 6 die cast aluminium.
REFLECTOR: Injection moulded - Acrylonitrile butadiene styrene. Available as symmetrical or asymmetrical light distribution.
LIGHT SOURCE: The fitting is designed to operate a range of LED's up to 54W. The LED is an Osram high powered LED mounted onto an aluminium circuit board. 19 or 27 LED option, NTC point. Push in connector for ease of maintenance.
Recommended LED 4000 Kelvin Natural white with CRI >70.
LED Lifetime Residual Flux @ Ta 25°C @60 000h - 90%.
DIFFUSER: UV stabilised clear acrylic.
Injection moulded - Poly(methyl methacrylate)
FINISH: Powder coated.
MOUNTING: Post mounted.
Recommended mounting height 3.5m to 6m.
Spigot entry 76mm Ø at a depth of 40mm.
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.
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: 5 Kg including control gear.
Windage: Max. projected areas for mounting 0.09m².
ADDITIONAL OPTIONAL FEATURES
- Thermal monitoring of the LED PC board.
- Dimming available.
- Special colours can be specified.
- Daylight switch.
**DIMENSIONS IN MM**

- **Connection compartment**: 160mm Ø to 94mm Ø x 80mm high
- **Base**: Bolt Cage
- **Bolt Cage**: M10 Threaded Rod
- **190 c/c**: 3 x 11mm Ø mounting holes

**ARGO POST TOP FRONT VIEW ON A STEPPED MODERN POLE FLINE**

**ARGO POST TOP SIDE VIEW ON STEPPED MODERN POLE BURIED**

**EXPLODED VIEW**

- **All Screws**: Stainless Steel
- **Heat Sink**: LM06 Aluminium, Gravity Die Cast Aluminium
- **Extruded Gasket**: Multiple layers
- **Gear tray**: Pre-galvanised Steel
- **Reflector**: (ABS) Injection moulded - Acrylonitrile butadiene styrene
- **Roof**: (PP) Injection moulded - Calcium reinforced Polypropylene (Hail resistant)
- **LED PCB**: Aluminium
- **Diffuser**: (PMMA) Injection moulded - Poly(methyl methacrylate)
- **Spigot**: LM06 Aluminium, Gravity Die Cast Aluminium, Connection compartment
LIGHT SOURCE

LED Osram Oslo Square Giant 4000 Kelvin

<table>
<thead>
<tr>
<th>LED Current</th>
<th>19 LED’s</th>
<th>27 LED’s</th>
<th>Lifetime Residual Flux @ To 25°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>700mA</td>
<td>Power (W)</td>
<td>Nominal Flux (lm)</td>
<td>Power (W)</td>
</tr>
<tr>
<td></td>
<td>38W</td>
<td>5709 lm</td>
<td>54W</td>
</tr>
</tbody>
</table>

3000K 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

LED 54W

Mounted @ 5m

LED 54W

Mounted @ 5m

www.regentlight.co.za
CHALLENGER

MODEL NUMBER
C103 - CHALLENGER

SPECIFICATIONS

HOUSING: LM 6 die cast aluminium.
LIGHT SOURCE: The fitting is designed to operate a range of Compact Fluorescent lamps up to 42W, High Pressure Sodium lamps up to 150W, Metal Halide lamps up to 150W or ES LED lamps.
DIFFUSER: UV stabilised opal acrylic or clear acrylic with glare baffles.
FINISH: Powder coated.
MOUNTING: Post, wall or pedestal mounted.
Recommended mounting height 2.5m to 4m.
Spigot entry 76mm Ø at a depth of 40mm.
For detailed mounting specifications and pole selection, refer to pole and accessories section.
CONTROL GEAR: Electronic or magnetic control gear. The electronic power supply is suitable for operation with a 220 - 240 volts, 50 hertz single phase.
FASTENERS: All external screws are stainless steel.
GASKET: Post cured silicone rubber material.
INGRESS PROTECTION: IP 65.
MECHANICS: Operating Temperature (Tₘ) ≤ 36°C.
Weight: 11 Kg total including control gear.
Windage: Max. projected areas for mounting 0.1075m².

APPLICATION AREAS
Indoor or outdoor application.
Symmetrical distribution.
Parking areas.
Parks and gardens.
Residential areas.
Squares and plazas.

LIGHT SOURCE

Conventional Light Source

<table>
<thead>
<tr>
<th>Lamp Type</th>
<th>Wattage</th>
<th>Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td>Lamp</td>
<td>ES</td>
</tr>
<tr>
<td>CFL</td>
<td>1 or 2 x 26W 42W</td>
<td>G24</td>
</tr>
<tr>
<td>HSE (HPS)</td>
<td>70W</td>
<td>E27</td>
</tr>
<tr>
<td>HSE (HPS)</td>
<td>100W</td>
<td>E40</td>
</tr>
<tr>
<td>HSE (HPS)</td>
<td>150W</td>
<td>E40</td>
</tr>
<tr>
<td>HIE (MH)</td>
<td>70W</td>
<td>E27</td>
</tr>
<tr>
<td></td>
<td>100W</td>
<td>E27</td>
</tr>
<tr>
<td></td>
<td>150W</td>
<td>E27</td>
</tr>
</tbody>
</table>

COLOURS

- Black (BL)
- White (WH)
- Matt Silver (MS)
- Charcoal Grey (CG)
Challenger Wall Bracket Opal diffuser

Challenger Post Top Clear diffuser

Challenger Post Top Clear diffuser on Stepped Modern Pole Plinth

Challenger Post Top Opal Diffuser on Stepped Modern Pole Plinth

Challenger Wall Mounted Opal Diffuser

Base Detail

Bolt Cage M10 Threaded Rod

Wall Mounting Plate Detail

DIMENSIONS IN MM

LIGHT DISTRIBUTION

150W HIE (MH)

www.regentlight.co.za
CHALLENGER MINI

SPECIFICATIONS

HOUSING: LM 6 die cast aluminium.

LIGHT SOURCE: The fitting is designed to operate a range of Compact Fluorescent lamps up to 26W or ES LED lamps.

DIFFUSER: UV stabilised opal acrylic or clear acrylic with glare baffles.

FINISH: Powder coated.

MOUNTING: Post, wall or pedestal mounted.

Recommended mounting height 2.5m to 3m.

Spigot entry 60mm Ø or it can be adapted to fit a 76mm Ø pole.

For detailed mounting specifications and pole selection, refer to pole and accessories section.

CONTROL GEAR: Electronic or magnetic control gear. The electronic power supply is suitable for operation with a 220 - 240 volts, 50 hertz single phase.

FASTENERS: All external screws are stainless steel.

GASKET: Post cured silicone rubber material.

INGRESS PROTECTION: IP 55.

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

Weight: 9 Kg total including control gear.

Windage: Max. projected areas for mounting 0.06799m².

APPLICATION AREAS

Indoor or outdoor application.

Symmetrical distribution.

Parking areas.

Parks and gardens.

Residential areas.

Squares and plazas.

LIGHT SOURCE

Conventional Light Source

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Wattage</th>
<th>Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td>Lamp specifications</td>
<td>ES</td>
</tr>
<tr>
<td>CFL</td>
<td>18W</td>
<td>G24</td>
</tr>
<tr>
<td></td>
<td>26W</td>
<td></td>
</tr>
</tbody>
</table>

COLOURS

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

Challenger Mini Post Top Opal Diffuser on 76mm Diameter Pole Plinth

Step to 60mm Ø

Challenger Mini Post Top Clear Diffuser on 76mm Diameter Pole Buried

Cable Entry

Foot plate with Hook Bolts

Wall Mounting Plate Detail

Challenger Mini Wall Mounted Opal Diffuser

Bolt Cage

M10 Threaded Rod

Light Distribution

26W CFL Clear Diffuser

26W CFL 3m MH

www.regentlight.co.za
COLUMBIA

MODEL NUMBER
C129 - COLUMBIA

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. LED Lifetime Residual Flux @ Ta 25°C @60 000h - 90%.
DIFFUSER : Tempered clear or frosted glass.
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, wall or pedestal mounted. Recommended mounting height 3.5m to 6m. Spigot entry 76mm Ø. For detailed mounting specifications refer to pole and accessories section.
CONTROL GEAR : Electronic 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.
GASKET : Post cured silicone rubber material.
INGRESS PROTECTION : IP 65.
MECHANICS : Operating Temperature (Ta) ≤ 36° C.
Weight : 12 Kg total including control gear.
Windage : Max. projected areas for mounting 0.08850m².

APPLICATION AREAS
Indoor or outdoor application.
Symmetrical distribution.
Parking areas.
Parks and gardens.
Residential areas.
Squares and plazas.

LIGHT SOURCE

LED Osram Osln Square Giant 4000 Kelvin

<table>
<thead>
<tr>
<th>LED Current</th>
<th>24 LED’s Power (W)</th>
<th>Nominal Flux (lm)</th>
<th>36 LED’s Power (W)</th>
<th>Nominal Flux (lm)</th>
<th>Lifetime Residual Flux @ Ta 25°C 60 000h 100 000h</th>
</tr>
</thead>
<tbody>
<tr>
<td>500mA</td>
<td>34W</td>
<td>5352 lm</td>
<td>51W</td>
<td>8028 lm</td>
<td>90%</td>
</tr>
<tr>
<td>700mA</td>
<td>48W</td>
<td>7234 lm</td>
<td>72W</td>
<td>10851 lm</td>
<td></td>
</tr>
</tbody>
</table>

COLOURS

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

www.regentlight.co.za
DIMENSIONS IN MM

Columbia Post Top on Stepped Modern Pole Plinth

190 c/c
3 x 11mm Ø mounting holes

Base Detail

138 c/c
3 x 8mm Ø mounting holes

Wall Mounting Plate Detail

Columbia Post Top on Stepped Modern Pole Buried

190 c/c
3 x 11mm Ø mounting holes

Bolt Cage

M10 Threaded Rod

Columbia Wall Mounted

www.regentlight.co.za
**DISCOVERY INDIRECT**

**MODEL NUMBER**
- C107 - DISCOVERY INDIRECT 300mm Lid
- C108 - DISCOVERY INDIRECT 500mm Lid

**SPECIFICATIONS**

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

**LIGHT SOURCE**: The fitting is designed to operate a 32W LED.

**DIFFUSER**: Opti glass 4mm, which allows for 10% better heat and light distribution.

**REFLECTOR**: 93% efficiency. Reflector shield powder coated white or matt silver for optimum performance. Available with: 300mm lid or 500mm lid.

**FINISH**: Powder coated.

**MOUNTING**: Post, wall mounted or pedestal mounted.
Recommended mounting height 2.1m to 3m.
Spigot entry 76mm Ø with a depth of 55mm. 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.

**FASTENERS**: All external screws are stainless steel.

**GASKET**: Post cured silicone rubber material.

**INGRESS PROTECTION**: IP 55.

**MECHANICS**: Operating Temperature (Ta) ≤ 36°C.
Weight: 8 Kg total including control gear.
Windage: Max. projected areas for mounting 0.06416m².

**FEATURES**: Surge arrester to protect LED supply.

**APPLICATION AREAS**
Indoor or outdoor application.
Symmetrical distribution.
Parking areas.
Parks and gardens.
Residential areas.
Squares and plazas.

**LIGHT SOURCE**

**LED COB 17**

<table>
<thead>
<tr>
<th>Current</th>
<th>Module Wattage (W)</th>
<th>Colour Temp</th>
<th>Nominal Flux (lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>900mA</td>
<td>32W</td>
<td>4000K</td>
<td>5005 lm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3000K</td>
<td>4840 lm</td>
</tr>
</tbody>
</table>

**COLOURS**
- Black (BL)
- White (WH)
- Matt Silver (MS)
- Charcoal Grey (CG)
DIMENSIONS IN MM

Discovery Indirect Post Top 500mm Lid on Stepped Modern Pole Plinth

190 c/c
3 x 8mm Ø mounting holes

Base Detail

Discovery Indirect Post Top 500mm Lid on Stepped Modern Pole Buried

190 c/c
3 x 11mm Ø mounting holes

Bolt Cage

Wall Mounting Plate Detail

Discovery Indirect Wall Mounted 300mm Lid

195 c/c
3 x 8mm Ø mounting holes

Discovery Indirect Wall Mounted 500mm Lid

138 c/c
3 x 8mm Ø mounting holes

Efficiency

32W LED @ 3.0m

lx

0 1 2 5 10 20 30 50
m

lx

0 1 2 5 10 20 30 50
m

www.regentlight.co.za
MODEL NUMBER

C145 - HALO

SPECIFICATIONS

HOUSING: LM 6 die cast aluminium and extruded aluminium.
LIGHT SOURCE: The fitting is designed to operate a LED up to 72W. The LED is an 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: High impact acrylic offering added protection for optical lenses.
LENSES: Modular optical lenses. Material PMMA.
FINISH: Powder coated.
MOUNTING: Post mounted.
Recommended mounting height 4m - 6m.
Spigot entry 76mm Ø .
CONTROL GEAR: 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: IP 65.
MECHANICS: Operating Temperature (Ta) ≤ 36° C.
Weight: 8 Kg total including control gear.
Windage: Max. projected areas for mounting - 0.04 m²

APPLICATION AREAS

Indoor or outdoor application.
Symmetrical distribution.
Parking areas.
Parks and gardens.
Residential areas.
Squares and plazas.

COLOURS

<table>
<thead>
<tr>
<th>Colour</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black (BL)</td>
<td></td>
</tr>
<tr>
<td>White (WH)</td>
<td></td>
</tr>
<tr>
<td>Matt Silver (MS)</td>
<td></td>
</tr>
<tr>
<td>Charcoal Grey (CG)</td>
<td></td>
</tr>
</tbody>
</table>
Halo Post Top on a 76mm diameter pole
Plinth Mounted

Halo Post Top on a Stepped Modern Pole
Side View
Buried

Base Detail

Bolt Cage
M10 Threaded Rod

DIMENSIONS IN MM

Top View

Mounting Height
Aluminium 4m

Recommended Mounting Height
4m to 6m

Access Door

250

Cable Entry
Foot plate with hook bolts

230

Bolt Cage

3 x 11mm Ø mounting holes

500

190 c/c

190 c/c
LIGHT SOURCE

LED Osram Oslos Square Giant 4000 Kelvin

<table>
<thead>
<tr>
<th>LED Current</th>
<th>36 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>
</tr>
<tr>
<td>350mA</td>
<td>35W</td>
<td>5730 lm</td>
</tr>
<tr>
<td>500mA</td>
<td>51W</td>
<td>8028 lm</td>
</tr>
<tr>
<td>700mA</td>
<td>72W</td>
<td>10851 lm</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

LED 72W

Mounted @ 5m
APPLICATION AREAS

Indoor or outdoor application.
Asymmetrical distribution.
Decorative street lighting.
Parking areas.
Parks and gardens.
Residential areas.
Squares and plazas.

COLOURS

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

SPECIFICATIONS

MODEL NUMBER
C109A - JUPITER POST MOUNTED
C109H - JUPITER TOP MOUNTED

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: Clear UV stabilised acrylic. Cone or dome diffuser option.
LENS: Modular optical lenses are used. Material PMMA. Various lens options available for different applications, allowing for custom solutions.
FINISH: Powder coated.
MOUNTING: Post mounted. Recommended mounting height 4m to 6m. Spigot entry 76mm Ø. Post or wall mounted. Top Entry. Recommended mounting height 4m 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.
INGRESS PROTECTION: IP 65.
MECHANICS: Operating Temperature (Ta) ≤ 36°C.
Weight Jupiter: 15 Kg total including control gear.
Weight Jupiter top entry: 14 Kg total including control gear.
Windage: Max. projected areas for mounting Jupiter - 0.15279 m²
Jupiter top entry - 0.01261 m²
DIMENSIONS IN MM

**Jupiter Post Top on Stepped Modern Pole Plinth**

- **Base**
  - Diameter: 76mm Ø
  - Height: 245 mm

- **Bolt Cage**
  - Diameter: 76mm Ø
  - Height: 250 mm

- **Foot Plate**
  - Diameter: 127mm Ø
  - Height: 550 mm

**Jupiter Top Mounted Post Top on Curved Bracket on a Galvanised Steel Pole Buried**

- **Base**
  - Diameter: 76mm Ø
  - Height: 245 mm

- **Bolt Cage**
  - Diameter: 76mm Ø
  - Height: 250 mm

- **Foot Plate**
  - Diameter: 127mm Ø
  - Height: 550 mm

**Wall Mounting Plate Detail**

- **200 x 200**
  - Diameter: 85.6 mm Ø
  - Mounting holes: 3 x 8mm Ø

- **200 x 450**
  - Diameter: 550 mm Ø
  - Height: 680 mm

**Jupiter Wall Mounted**

- **38mm Ø**
  - Cone diffuser

**Jupiter dome diffuser**

**Cone diffuser**

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

[www.regentlight.co.za](http://www.regentlight.co.za)
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>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>
</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>
</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 LED lens options. Various lens options available for different applications, allowing for custom solutions.

48W LED RLS360

Mounted @ 5m

48W LED RLS858

Mounted @ 5m

www.regentlight.co.za
**APPLICATION AREAS**

Indoor or outdoor application.
Asymmetrical distribution.
Parking areas.
Parks and gardens.
Residential areas.
Squares and plazas.

**SPECIFICATIONS**

**MODEL NUMBER**

C150 - KAZO SINGLE
C151 - KAZO DOUBLE

**HOUSING**

Extruded aluminium.

**LIGHT SOURCE**

The fitting is designed to operate a range of LED’s up to 64W. 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 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.

**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**

IP 65.

**MECHANICS**

Operating Temperature (Ta) ≤ 36°C.

Weight: 6.5 Kg total including control gear.

Windage: Max. projected areas for mounting:

Kazo Single - 0.02 m².
Kazo Double - 0.05 m².
Kazo 5m pole - 1.00 m².

**COLOURS**

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

LIGHT DISTRIBUTION

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

48W LED RLS360
Mounted @ 5m

48W LED RLS5858
Mounted @ 5m
LUNAR
MODEL NUMBER
C102A - LUNAR POST MOUNTED
C102H - LUNAR TOP MOUNTED

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: 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.

MOUNTING: Post mounted. Recommended mounting height 4m to 6m. Spigot entry 76mm Ø. Post or wall mounted. Top Entry. Recommended mounting height 4m 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. 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 Lunar post top: 18 Kg total including control gear.
Weight Lunar top entry: 16 Kg total including control gear.
Windage: Max. projected areas for mounting Lunar - 0.10833 m².
Lunar top entry - 0.08122 m².

APPLICATION AREAS

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

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

LUNAR BRACKET OPTIONS

Lunar Single Post Top Side Entry
Lunar Double Post Top Side Entry
Lunar Triple Post Top Side Entry
Lunar Quad Post Top Side Entry

www.regentlight.co.za
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>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>
</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>
</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 LED lens options. Various lens options available for different applications, allowing for custom solutions.

48W LED RLS360
Mounted @ 5m

48W LED RLS858
Mounted @ 5m
**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 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:** 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.
**DIMENSIONS IN MM**

**AMENITY LIGHTING**

**Side View**
- Modra Post Top on 150 x 100 Pole

**Side View Single**
- Modra Post Top on a Stepped Modern Pole Finih

**Side View Double**
- Modra Post Top on Stepped Modern Pole Buried

**Stubby Base Plate Detail**
- 300 x 300 x 12mm
- 18mm Ø mounting holes

**Stubby Bolt Cage**
- M16 threaded rod

**Base Detail**
- 190 c/c
- 3 x 11mm Ø mounting holes

**Bolt Cage**
- M10 Threaded Rod

**Modra Bottom View**
- Gear Compartment
- Optical Compartment

**Modra Front View**
- 134
- 530

**Side View**
- Modra wall mounted fixed bracket

**Wall Mounting Plate Details**
- 150
- 4 x 11mm Ø mounting holes

**Modra wall mounted with a Roto bracket**

**0° to 30° Rotation on a Rotor Bracket**

**Cable Entry**
- Foot plate with Hook Bolts
LIGHT SOURCE

LED Osram Oslon 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

Mounted @ 5m

LED 40W RLS858

Mounted @ 5m
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.
LENS : 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 K V. Additional removable inline surge arrester 10 K V.
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 (T<sub>a</sub>) ≤ 36° C. Weight : 9 Kg total including control gear.
Windage : Max. projected areas for mounting 0.08m²

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)

www.regentlight.co.za
DIMENSIONS IN MM

Penza Post Top Front View on a Stepped Modern Pole Plinth

Penza Post Top Side View on Stepped Modern Pole Buried

Base Detail

Bolt Cage
M10 Threaded Rod

Recommended Mounting Height
3.5m to 6m

76mm Ø

127mm Ø

Access Door

Foot plate with Hook Bolts

250

500

230

230

687

687

500

500

190 c/c

3 x 11mm Ø mounting holes

687

687

500

500

190 c/c

AMENITY LIGHTING

www.regentlight.co.za
**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>
</tr>
</thead>
<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>
</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.

<table>
<thead>
<tr>
<th>Symmetrical 72W LED RLS858</th>
<th>Symmetrical 72W LED RLS858 @ 4m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asymmetrical 72W LED RLS858</td>
<td>Asymmetrical 72W LED RLS858 @ 4m</td>
</tr>
<tr>
<td>Asymmetrical 72W LED RLS014</td>
<td>Asymmetrical 72W LED RLS014 @ 4m</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.

**AMENITY LIGHTING**

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AMENITY LIGHTING

PIAZZA

www.regentlight.co.za
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.
MECHANICS: Operating Temperature (T_a) ≤ 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

APPLICATION AREAS

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

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LED Osram Oslo Square Giant 4000 Kelvin

<table>
<thead>
<tr>
<th>LED Current</th>
<th>12 LED’s Power (W)</th>
<th>Nominal Flux (lm)</th>
<th>24 LED’s Power (W)</th>
<th>Nominal Flux (lm)</th>
<th>Lifetime Residual Flux @ Ta 25°C @ 60 000h</th>
<th>@ 100 000h</th>
</tr>
</thead>
<tbody>
<tr>
<td>350mA</td>
<td>12W</td>
<td>1910 lm</td>
<td>23W</td>
<td>3820 lm</td>
<td>90%</td>
<td>70%</td>
</tr>
<tr>
<td>500mA</td>
<td>17W</td>
<td>2676 lm</td>
<td>34W</td>
<td>5352 lm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>700mA</td>
<td>24W</td>
<td>3617 lm</td>
<td>48W</td>
<td>7234 lm</td>
<td></td>
<td></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.

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

**48W LED RLS360**

Mounted @ 4.5m

**48W LED RLS5858**

Mounted @ 4.5m
AMENITY LIGHTING

SATURN

MODEL NUMBER
C112 - SATURN

SPECIFICATIONS

HOUSING: LM 6 die cast aluminium and extruded aluminium.
LIGHT SOURCE: The fitting is designed to operate a 45W LED.
DIFFUSER: Opti glass 4mm, which allows for 10% better heat and light distribution.
REFLECTOR: 93% high purity aluminum. Reflector shield powder coated white or matt silver for optimum performance. Asymmetrical or symmetrical light distribution. Indirect luminance. Lid can be adjusted to 0°, 15° or 30°. Fix lock design to ensure reflectors permanent position.
FINISH: Powder coated.
MOUNTING: Post or wall mounted.
Recommended mounting height 3m to 5m. Spigot entry 76mm Ø with a depth of 55mm. 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.
FASTENERS: All external screws are stainless steel.
GASKET: Post cured silicone rubber material.
INGRESS PROTECTION: IP 65.
MECHANICS: Operating Temperature (T[a]) ≤ 36° C.
Weight: 10 Kg total including control gear.
Windage: Max. projected areas for mounting 0.19268m².
FEATURES: Surge arrester to protect LED supply.

APPLICATION AREAS
Indoor or outdoor application. Symmetrical or asymmetrical distribution. Parking areas. Parks and gardens. Residential areas. Squares and plazas.

LIGHT SOURCE

LED COB 17mm

<table>
<thead>
<tr>
<th>Current</th>
<th>Power [W]</th>
<th>Colour Temp</th>
<th>Nominal FLux [lm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1050mA</td>
<td>45W</td>
<td>4000K</td>
<td>5392 lm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3000K</td>
<td>5015 lm</td>
</tr>
</tbody>
</table>

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

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**DIMENSIONS IN MM**

- **Saturn Post Top on Stepped Modern Pole Plinth**
  - Base Detail
  - Bolt Cage
  - Wall Mounting Plate Detail

- **Saturn Post Top on Stepped Modern Pole Buried**
  - Bolt Cage
  - Base Detail

- **Saturn Wall Mounted**

**LIGHT DISTRIBUTION**

- **LED**
- **LED @ 3.5m MH 0° reflector.**

www.regentlight.co.za
AMENITY LIGHTING

VOYAGER 1

MODEL NUMBER
C113 - VOYAGER 1

SPECIFICATIONS

HOUSING: LM 6 die cast aluminium and anodised external support rods.
LIGHT SOURCE: The fitting is designed to operate a range of Compact Fluorescent lamps up to 42W, High Pressure Sodium lamps up to 150W, Metal Halide lamps up to 150W and LED up to 42W.
DIFFUSER: UV stabilised satin acrylic or clear acrylic with glare baffles.
FINISH: Powder coated.
MOUNTING: Post or wall mounted.
Recommended mounting height 3m to 6m.
Spigot entry 76mm Ø at a depth of 40mm.
For detailed mounting specifications and pole selection, refer to pole and accessories section.
CONTROL GEAR: Electronic or magnetic control gear. The electronic power supply is suitable for operation with a 220 - 240 volts, 50 hertz single phase.
FASTENERS: All external screws are stainless steel.
GASKET: Post cured silicone rubber material.
INGRESS PROTECTION: IP 65.
MECHANICS: Operating Temperature (Ta) ≤ 36°C.
Weight: 9 Kg total including control gear.
Windage: Max. projected areas for mounting 0.12940m².
FEATURES: Surge arrester to protect LED supply.

APPLICATION AREAS
Indoor or outdoor application.
Symmetrical distribution.
Parking areas.
Parks and gardens.
Residential areas.
Squares and plazas.

LIGHT SOURCE

Conventional Light Source

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Wattage</th>
<th>Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFL</td>
<td>26W or 42W</td>
<td>G24</td>
</tr>
<tr>
<td>H5E (HPS)</td>
<td>70W</td>
<td>E27</td>
</tr>
<tr>
<td>HST (HPS)</td>
<td>100W or 150W</td>
<td>E40</td>
</tr>
<tr>
<td>HIE (MH)</td>
<td>70W, 100W or 150W</td>
<td>E27</td>
</tr>
</tbody>
</table>

LED Osram Duris E5

<table>
<thead>
<tr>
<th>Current</th>
<th>Power (W)</th>
<th>Colour Temp</th>
<th>Nominal Flux (lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1050mA</td>
<td>42W</td>
<td>4000K</td>
<td>5160 lm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3000K</td>
<td>4799 lm</td>
</tr>
</tbody>
</table>

COLOURS

- Black (BL)
- White (WH)
- Matt Silver (MS)
- Charcoal Grey (CG)
**Voyager 1 Post Top LED version on Stepped Modern Pole Buried**

- **Recommended Mounting Height**: 3m to 6m
- **Access Door**: 127mm Ø
- **Cable Entry**: 3 x 8mm Ø
- **Foot plate with Hook Bolts**: Bolt Cage M10 Threaded Rod

**Voyager 1 Post Top LED version on Stepped Modern Pole Plinth**

- **Access Door**: 127mm Ø
- **Base**: Bolt Cage
- **Bolt Cage**: 3 x 11mm Ø mounting holes
- **Cable Entry**: 250

**Voyager 1 Post Top on Stepped Modern Pole Flinth**

- **Access Door**: 127mm Ø
- **Base**: Bolt Cage
- **Bolt Cage**: 3 x 11mm Ø mounting holes

**Voyager 1 Wall Mounted**

- **Recommended Mounting Height**: 3m to 6m
- **Access Door**: 127mm Ø
- **Cable Entry**: 3 x 11mm Ø
- **Foot plate with Hook Bolts**: Bolt Cage M10 Threaded Rod

**Light Distribution**

- **150W HIE (MH)**
  - 0°: 100cd
  - 15°: 80cd
  - 30°: 60cd
  - 45°: 40cd
  - 60°: 20cd
  - 75°: 10cd
  - 90°: 5cd

- **150W HIE (MH) @ 4.5m**
  - 0°: 100lx
  - 15°: 80lx
  - 30°: 60lx
  - 45°: 40lx
  - 60°: 20lx
  - 75°: 10lx
  - 90°: 5lx
VOYAGER 2

MODEL NUMBER
C114 - VOYAGER 2

SPECIFICATIONS

HOUSING: LM 6 die cast aluminium and anodised external support rods.
LIGHT SOURCE: The fitting is designed to operate a range of Compact Fluorescent lamps up to 42W, High Pressure Sodium lamps up to 150W, Metal Halide lamps up to 150W and LED up to 42W.
DIFFUSER: UV stabilised satin acrylic or clear acrylic with glare baffles.
FINISH: Powder coated.
MOUNTING: Post or wall mounted.
Recommended mounting height 3m to 6m.
Spigot entry 76mm Ø at a depth of 40mm.
For detailed mounting specifications and pole selection, refer to pole and accessories section.
CONTROL GEAR: Electronic or magnetic control gear. The electronic power supply is suitable for operation with a 220 - 240 volts, 50 hertz single phase.
FASTENERS: All external screws are stainless steel.
GASKET: Post cured silicone rubber material.
INGRESS PROTECTION: IP 65.
MECHANICS: Operating Temperature (Tα) ≤ 36°C.
Weight: 10 Kg total including control gear.
Windage: Max. projected areas for mounting 0.15558m².
FEATURES: Surge arrester to protect LED supply.

APPLICATION AREAS
Indoor or outdoor application.
Symmetrical distribution.
Parking areas.
Parks and gardens.
Residential areas.
Squares and plazas.

LIGHT SOURCE

Conventional Light Source

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Wattage</th>
<th>Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFL</td>
<td>26W or 42W</td>
<td>G24</td>
</tr>
<tr>
<td>H5E (HPS)</td>
<td>70W</td>
<td>E27</td>
</tr>
<tr>
<td>HST (HPS)</td>
<td>100W or 150W</td>
<td>E40</td>
</tr>
<tr>
<td>HIE (MH)</td>
<td>70W, 100W or 150W</td>
<td>E27</td>
</tr>
</tbody>
</table>

LED Osram Duris E5

<table>
<thead>
<tr>
<th>Current</th>
<th>Power (W)</th>
<th>Colour Temp</th>
<th>Nominal Flux (lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1050mA</td>
<td>42W</td>
<td>4000K</td>
<td>5160 lm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3000K</td>
<td>4799 lm</td>
</tr>
</tbody>
</table>

COLOURS

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

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DIMENSIONS IN MM

Voyager 2 Post Top on Stepped Modern Pole Plinth

Voyager 2 Post Top LED version on Stepped Modern Pole Buried

Voyager 2 Wall Mounted

Wall Mounting Plate Detail

Base Detail

Bolt Cage

M10 Threaded Rod

Cable Entry

Foot plate with Hook Bolts

Recommended Mounting Height

3m to 6m

Recommended Mounting Height

3m to 6m

Depends on mounting height

Base

Bolt Cage

Access Door

Access Door

Cable Entry

Foot plate with Hook Bolts

3 x 8mm Ø mounting holes

3 x 11mm Ø mounting holes

190 c/c

500

550

655

Voyager 2 Post Top

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LIGHT DISTRIBUTION

150W HIE (MH)

150W HIE (MH) @ 4.5m
AMENITY LIGHTING

VOYAGER 3

MODEL NUMBER
C115 - VOYAGER 3

SPECIFICATIONS

HOUSING: LM 6 die cast aluminium and anodised external support rods.
LIGHT SOURCE: The fitting is designed to operate a range of Compact Fluorescent lamps up to 42W, High Pressure Sodium lamps up to 150W, Metal Halide lamps up to 150W and LED up to 42W.
DIFFUSER: UV stabilised satin acrylic or clear acrylic with glare baffles.
FINISH: Powder coated.
MOUNTING: Post or wall mounted.
Recommended mounting height 3m to 6m.
Spigot entry 76mm Ø at a depth of 40mm.
For detailed mounting specifications and pole selection, refer to pole and accessories section.
CONTROL GEAR: Electronic or magnetic control gear. The electronic power supply is suitable for operation with a 220 - 240 volts, 50 hertz single phase.
FASTENERS: All external screws are stainless steel.
GASKET: Post cured silicone rubber material.
INGRESS PROTECTION: IP 65.
MECHANICS: Operating Temperature (Tₐ) ≤ 36°C.
Weight: 7 Kg total including control gear.
Windage: Max. projected areas for mounting 0.11364m².
FEATURES: Surge arrester to protect LED supply.

APPLICATION AREAS
Indoor or outdoor application.
Symmetrical distribution.
Parking areas.
Parks and gardens.
Residential areas.
Squares and plazas.

LIGHT SOURCE

Conventional Light Source

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Wattage</th>
<th>Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFL</td>
<td>26W or 42W</td>
<td>E27</td>
</tr>
<tr>
<td>HSE (HPS)</td>
<td>70W</td>
<td>E40</td>
</tr>
<tr>
<td>HST (HPS)</td>
<td>100W or 150W</td>
<td>E40</td>
</tr>
<tr>
<td>HIE (MH)</td>
<td>70W, 100W or 150W</td>
<td>E27</td>
</tr>
</tbody>
</table>

LED Osram Duris E5

<table>
<thead>
<tr>
<th>Current</th>
<th>Power (W)</th>
<th>Colour Temp</th>
<th>Nominal Flux (lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1050mA</td>
<td>42W</td>
<td>4000K</td>
<td>5160 lm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3000K</td>
<td>4799 lm</td>
</tr>
</tbody>
</table>

COLOURS

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

Voyager 3 Post Top on Stepped Modern Pole Plinth
- Base: 76mm Ø
- Bolt Cage: 127mm Ø
- Foot plate with Hook Bolts
- Cable Entry
- 3 x 8mm Ø mounting holes
- Bolt Cage: M10 Threaded Rod
- 3 x 11mm Ø mounting holes

Voyager 3 Post Top LED version on Stepped Modern Pole Buried
- Base: 76mm Ø
- Access Door
- Bolt Cage: 127mm Ø
- Foot plate with Hook Bolts
- Cable Entry
- 3 x 8mm Ø mounting holes

Wall Mounting Plate Detail
- 190 c/c
- 200 c/c
- 138 c/c

Voyager 3 Wall Mounted
- Bolt Cage: M10 Threaded Rod
- 702.5 mm
- 645 mm
- 477 mm
- 380 mm

LIGHT DISTRIBUTION

150W HIE (MH)

150W HIE (MH) @ 4.5m

www.regentlight.co.za
**WAVE 1**

### Specifications

**Housing:** LM 6 die cast aluminium extruded aluminium.

**Light Source:** The fitting is designed to operate a 45W LED.

**Diffuser:** Opti glass 4mm, which allows for 10% better heat and light distribution.

**Reflector:** 93% aluminum. Reflector shield powder coated white or matt silver for optimum performance. Asymmetrical or symmetrical light distribution. Indirect luminance. Lid can be adjusted to 0°, 15° or 30°. Fix lock design to ensure reflectors permanent position.

**Finish:** Powder coated.

**Mounting:** Post or wall mounted.
Recommended mounting height 3m to 5m. Spigot entry 76mm Ø with a depth of 55mm. 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.

**Fasteners:** All external screws are stainless steel.

**Gasket:** Post cured silicone rubber material.

**Ingress Protection:** IP 65.

**Mechanics:** Operating Temperature ($T_a$) ≤ 36°C.
Weight: 10 Kg total including control gear.

**Windage:** Max. projected areas for mounting 0.22310m².

**Features:** Surge arrester to protect LED supply.

### Application Areas

Indoor or outdoor application. Symmetrical or asymmetrical distribution. Parking areas. Parks and gardens. Residential areas. Squares and plazas.

### Light Source

**LED COB 17mm**

<table>
<thead>
<tr>
<th>Current (mA)</th>
<th>Power (W)</th>
<th>Colour Temp</th>
<th>Nominal Flux (lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1050mA</td>
<td>45W</td>
<td>4000K</td>
<td>5392 lm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3000K</td>
<td>5015 lm</td>
</tr>
</tbody>
</table>

### Colours

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

Wave 1 Post Top on Stepped Modern Pole Plinth
- Recommended Mounting Height: 3m to 5m
- 76mm Ø
- 127mm Ø Access Door
- Bolt Cage
- Foot plate with Hook Bolts
- Cable Entry

Wave 1 Post Top on Stepped Modern Pole Buried
- Base
- Bolt Cage
- M10 Threaded Rod
- 3 x 11mm Ø mounting holes

Wave 1 Wall Mounted
- 955 x 645 Shield
- Ø, 15° or 30°

Base Detail
- 190 c/c
- 2 x 11mm Ø mounting holes

Wall Mounting Plate Detail
- 190 c/c
- 3 x 8mm Ø mounting holes

Bolt Cage
- Ø, 15° or 30°

Wall Mounting Plate Detail
- 190 c/c
- 3 x 8mm Ø mounting holes

LED @ 3.5m MH 0° reflector.

www.regentlight.co.za
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 (Ta) ≤ 36°C.

Weight: 19 Kg total including control gear.

Windage: Max. projected areas for mounting 0.2231 m²
NOTE: For detailed mounting specifications and pole options, refer to pole and accessories section.
**LIGHT SOURCE**

**LED Osram OsIon 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>
</tr>
</thead>
<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>
</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 LED lens options. Various lens options available for different applications, allowing for custom solutions.

LED 48W RLS360

*Mounted @ 5m*

LED 48W RLS858

*Mounted @ 5m*