INDUSTRIAL LIGHTING
INDUSTRIAL LIGHTING

FLOODLIGHTS

ZEUS
F203

BODA
F215

ATLAS
F202

TAURIS
F216/F217/F218

MARS
F201

SURFACE MOUNTED / RECESSED

LINUX
C329

ISTRIA
F212

ZEpeon
F214

OLYMPIA
F219
Robust, low-maintenance technology ensures functionality over many years, making Regent’s fittings ideal for a wide range of industrial application such as the mines, sports fields, high mast lighting and garage lighting.

They are designed to be both tamper-proof and weather resistant, and can include features such as motion sensors, vandal resistant lenses and surge protection.
**ZEUS**

**MODEL NUMBER**
F203- ZEUS

**SPECIFICATIONS**

**HOUSING** : Head piece and control gear housing is manufactured from LM6 die cast aluminium. Mounting bracket is manufactured from hot dipped galvanised mild steel.

**LIGHT SOURCE** : The fitting is designed to operate a range of High Pressure Sodium lamps up to 1000W or Metal Halide lamps up to 1000W. Re-lamping is via side entry.

**DIFFUSER** : Glass is made of 5mm heat tempered toughened glass.

**REFLECTOR** : Reflector system is manufactured from super deep anodised “Miro” aluminium, having superior reflective qualities and is available in wide beam, medium beam and narrow beam versions. Fitting has an asymmetrical reflector system making it ideal for high mast projects.

**FINISH** : Fitting is epoxy powder coated grey as standard. Other colours are available on request

**MOUNTING** : Trunion mounted.

**CONTROL GEAR** : Control gear box is separated from the headpiece for improved thermal control. 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** : Gaskets are manufactured from post cured silicone rubber material.

**INGRESS PROTECTION** : IP 65.

**MECHANICS** : Operating Temperature (Ta) - 20°C to +40°C.
Weight : 21Kg
Windage Area - Max. projected areas for mounting 0.21198m²

**APPLICATION AREAS**
Outdoor application.
Asymmetrical light distribution.
Sports field lighting.
High mast lighting.
Area lighting.
Security lighting.
Airport apron lighting.

**COLOURS**
Grey (G)

**SABS MARKS**
The luminaire bears the SANS 60598-2-5 safety mark.
**LIGHT SOURCE**

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Wattage</th>
<th>Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIT (MH)</td>
<td>1000W</td>
<td>E40</td>
</tr>
<tr>
<td>HST (HPS)</td>
<td>600W</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1000W</td>
<td>E40</td>
</tr>
</tbody>
</table>

**DIMENSIONS IN MM**

- Front View: 445 mm x 445 mm
- Side View: 540 mm x 440 mm
- Top View: 317 mm x 317 mm

**TRUNION ARM DETAIL SIDE MOUNTING**

**TRUNION ARM DETAIL FOR SPORTS FIELDS**

**LIGHT DISTRIBUTION**

- 1000W HQTS (MH) Narrow Beam
- 1000W HQTS (MH) Medium Beam

[Website Link] www.regentlight.co.za
ATLAS

MODEL NUMBER

F202 - ATLAS

SPECIFICATIONS

HOUSING: Head piece and control gear housing is manufactured from LM6 die cast aluminium. Mounting bracket is manufactured from hot dipped galvanised mild steel.

LIGHT SOURCE: The fitting is designed to operate a range of High Pressure Sodium lamps up to 600W or Metal Halide lamps up to 400W. Re-lamping is via side entry.

DIFFUSER: Glass is made of 5mm heat tempered toughened glass.

REFLECTOR: Reflector system is manufactured from super deep anodised “Miro” aluminium, having superior reflective qualities and is available in wide beam, medium beam and narrow beam versions. Fitting has an asymmetrical reflector system making it ideal for high mast projects.

FINISH: Fitting is epoxy powder coated grey as standard. Other colours are available on request.

MOUNTING: Trunion mounted.

CONTROL GEAR: Control gear box is separated from the headpiece for improved thermal control. 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: Gaskets are manufactured from post cured silicone rubber material.

INGRESS PROTECTION: IP 65.

MECHANICS: Operating Temperature (Ta): -20°C to +40°C. Weight: 17 Kg. Windage Area - Max. projected areas for mounting 0.17254m²

APPLICATION AREAS

Outdoor application.
Asymmetrical distribution.
Sports field lighting.
Security lighting.
High mast lighting.
Facade lighting.
Signage lighting.
Road intersection lighting.
Railyard lighting.
Toll plaza lighting.
General floodlighting.
Car park lighting.

COLOURS

- Grey (G)

SABS MARKS

The luminaire bears the SANS 60598-2-5 safety mark.

www.regentlight.co.za
**LIGHT SOURCE**

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Wattage</th>
<th>Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIE (MH)</td>
<td>150W</td>
<td>E27</td>
</tr>
<tr>
<td>HIT (MH)</td>
<td>250W</td>
<td>E40</td>
</tr>
<tr>
<td></td>
<td>400W</td>
<td></td>
</tr>
<tr>
<td>HST (HPS)</td>
<td>150W</td>
<td>E40</td>
</tr>
<tr>
<td></td>
<td>250W</td>
<td></td>
</tr>
<tr>
<td></td>
<td>400W</td>
<td></td>
</tr>
<tr>
<td></td>
<td>600W</td>
<td></td>
</tr>
</tbody>
</table>

**DIMENSIONS IN MM**

- Front View
- Side View
- Trunion Mounting Detail

**LIGHT DISTRIBUTION**

- 400W HST (HPS) Narrow Beam
- 400W HST (HPS) Medium Beam

www.regentlight.co.za
MARS

APPLICATION AREAS

Outdoor application.
Asymmetrical distribution.
Container yard lighting.
Sports field lighting.
Medium to high mast lighting.
Car park lighting.
Signage lighting.
General security lighting.
Building facade lighting.

SPECIFICATIONS

HOUSING: Head piece and control gear housing is manufactured from LM6 die cast aluminium. Mounting bracket is manufactured from hot dipped galvanised mild steel.
LIGHT SOURCE: The fitting is designed to operate a range of High Pressure Sodium lamps up to 400W or Metal Halide lamps up to 400W. Re-lamping is via side entry.
DIFFUSER: Glass is made of 5mm heat tempered toughened glass
REFLECTOR: Reflector system is manufactured from 99.85 super deep anodised aluminium and is available in narrow beam, medium beam and wide beam.
FINISH: Fitting is epoxy powder coated grey as standard. Other colours are available on request
MOUNTING: Trunion mounted.
ACCESSORIES: Wire guard made from drawn steel wire, electro galvanised.
CONTROL GEAR: Control gear box is separated from the headpiece for improved thermal control. 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: Gaskets are manufactured from post cured silicone rubber material.
INGRESS PROTECTION: IP 65.
MECHANICS: Operating Temperature (Tₐ) - 20°C to +40°C.
Weight: 12 Kg
Windage Area - Max. projected areas for mounting 0.15443m²

COLOURS

Grey (G)

SABS MARKS

The luminaire bears the SANS 60598-2-5 safety mark.
### LIGHT SOURCE

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Wattage</th>
<th>Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIE (MH)</td>
<td>150W</td>
<td>E27</td>
</tr>
<tr>
<td>HIT (MH)</td>
<td>250W, 400W</td>
<td>E40</td>
</tr>
<tr>
<td>HST (HPS)</td>
<td>150W, 250W, 400W</td>
<td>E40</td>
</tr>
</tbody>
</table>

### DIMENSIONS IN MM

Front View

Side View

Trunnion Mounting Detail

### LIGHT DISTRIBUTION

**400W HST (HPS) Medium Beam**

**400W HST (HPS) Wide Beam**
BODA

MODEL NUMBER
F215 - BODA

SPECIFICATIONS

HOUSING: ADC12 Aluminium and a mild steel bracket.
LIGHT SOURCE: The fitting is designed to operate a LED up to 200W.
DIFFUSER: 120° 4mm tempered glass.
REFLECTOR: Reflector system is manufactured from anodised aluminium.
FINISH: Powder coated.
MOUNTING: Trunion mounted. 340° rotation.
CONTROL GEAR: The electronic supply is suitable for operation with 220 – 240 volts, 50 hertz single phase.
FASTENERS: All external screws are stainless steel.
INGRESS PROTECTION: IP65.
MECHANICS: Operating Temperature (T_a) - 20°C to +40°C.
Weight: 10.9 Kg
Windage Area: Max. projected areas for mounting 0.194 m²
FEATURES: Self contained breathing apparatus.
Lifespan: >50 000hrs
Colour rendering Index: >70.
Power Factor: >0.95.
Surge protections - 400V

APPLICATION AREAS

Outdoor application.
Symmetrical distribution.
Container yard lighting.
Sports field lighting.
Medium to high mast lighting.
Car park lighting.
Signage lighting.
General security lighting.
Building facade lighting.

COLOURS

Grey (G)
**LIGHT SOURCE**

**LED**

<table>
<thead>
<tr>
<th>Power (W)</th>
<th>Colour Temp</th>
<th>Luminous Flux (lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>200W</td>
<td>4000K</td>
<td>19984 lm</td>
</tr>
</tbody>
</table>

**DIMENSIONS IN MM**

![Front View](image1.png)

![Side View](image2.png)

Trunion Arm Detail

**LIGHT DISTRIBUTION**

**LED 200W**

![Light Distribution Graph](image3.png)
TAURIS

MODEL NUMBER
F220 – TAU RIS 2 MODULE
F221 – TAU RIS 3 MODULE
F222 – TAU RIS 4 MODULE

SPECIFICATIONS

HOUSING : LM 6 die cast aluminium and extruded aluminium.
LIGHT SOURCE : The fitting is designed to operate a range of LED’s up to 292W. The LED is an Osram high powered LED.
DIFFUSER : Toughened glass or high impact acrylic offering added protection for optical lenses.
FINISH : Powder coated.
MOUNTING : Adjustable trunion arm. Mild steel hot dipped galvanised. The luminaire is designed to be adjusted and locked into position at 15° intervals.
ACCESSORIES : Mounting bracket for pole.
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 66.
MECHANICS : Operating Temperature (Tₜ) ≤ 36°C.
2 Way - Weight : 15 Kg total including control gear.
Windage : Max. projected areas for mounting 0.10449m²
3 Way - Weight : 17 Kg total including control gear.
Windage : Max. projected areas for mounting 0.14586m²
4 Way - Weight : 20 Kg total including control gear.
Windage : Max. projected areas for mounting 0.19206m²

LIGHT SOURCE

LED Osram 4000 Kelvin

<table>
<thead>
<tr>
<th>LED Current</th>
<th>2 Modules 16 LED’s</th>
<th>3 Modules 24 LED’s</th>
<th>4 Modules 32 LED’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>700mA</td>
<td>Power (W)</td>
<td>Nominal Flux (lm)</td>
<td>Power (W)</td>
</tr>
<tr>
<td>146W</td>
<td>17936 lm</td>
<td></td>
<td>218W</td>
</tr>
</tbody>
</table>

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

APPLICATION AREAS

Outdoor application.
Container yard lighting.
Sports field lighting.
Medium to high mast lighting.
Car park lighting.
Signage lighting.
General security lighting.
Building facade lighting.
DIMENSIONS IN MM

2 Modules
Bottom View

3 Modules
Bottom View

2 Modules
Side View

3 Modules
Side View

4 Modules
Bottom View

4 Modules
Side View

2 Modules
Bottom View

2 Modules
Side View

4 Modules
Bottom View

4 Modules
Side View

LIGHT DISTRIBUTION

RLS713 (57°)

RLS825

RLS672

cd/km
C0 - C180
C90 - C270

cd/km
C0 - C180
C90 - C270

cd/km
C0 - C180
C90 - C270
The Linux has been designed for indoor and outdoor installations, for industrial and security lighting applications. This bulkhead is suitable for ceiling and wall mounting.

This versatile fitting is designed to operate a range of High Pressure Sodium lamps up to 100W, Metal Halide lamps up to 100W and LED up to 48W.
**APPLICATION AREAS**

Indoor or outdoor application.
Symmetrical or asymmetrical distribution.
Industrial lighting
Security lighting
Tunnel lighting
Facade lighting
Railyard lighting
Hazardous area lighting

**COLOURS**

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

**SPECIFICATIONS**

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

**LIGHT SOURCE**: The fitting is designed to operate a range of High Pressure Sodium lamps up to 100W, Metal Halide lamps up to 100W and LED up to 48W. 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. 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**: Borosilicate clear tempered glass. Dome or flat glass available.

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

**REFLECTOR**: High efficient reflector system. 99.9% purity deep drawn anodised aluminium reflector suitable for clear tubular lamps for High Pressure Sodium and Metal Halide lamps.

**FINISH**: Fitting is supplied as raw aluminium. Powder coating can be supplied on request.

**MOUNTING**: Wall or ceiling mounted. Anti-vibration mounting, eyebolt suspension mounting or spigot mounting available on request.

**CONTROL GEAR**: All control gear is suited to 230V +3%/-10% 50Hz single phase supply and power factor corrected to 0.9. All internal wires are Silicone coated. For LED it incorporates an electronic trip connector protector with surge protection. The arrester will only blow when a lighting strike or a power surge is extreme (400-500VA) the device will manage over and under voltage ensuring no damage to PC boards.

**FASTENERS**: All exterior fixings are manufactured from 316 stainless steel.

**GASKET**: Gaskets are manufactured from silicone closed cell gasket. Silicone gaskets perform in a wide temperature range -40° C to +200° C.

**INGRESS PROTECTION**: IP 66.

**MECHANICS**: Operating Temperature (Ta) - 20° C to +40° C.

Weight: 15 Kg total including control gear.

**FEATURES**: The body incorporates two aluminium LM6 mounting lugs and one M20 threaded gland entry.

It is fitted with four stainless steel Grade 304 latches with hinge facility.

The LM6 aluminium frame retains the diffuser with hinge and wire guard fixing mechanism.

The LED version is permanently sealed and supplied with a 0.5m long silicone cabtyre.
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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Power (W)</td>
<td>Nominal Flux (lm)</td>
</tr>
<tr>
<td>350mA</td>
<td>12W</td>
<td>1910 lm</td>
</tr>
<tr>
<td>500mA</td>
<td>17W</td>
<td>2676 lm</td>
</tr>
<tr>
<td>700mA</td>
<td>24W</td>
<td>3617 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.

Conventional Lighting

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Wattage</th>
<th>Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>HST (HPS)</td>
<td>50W or 70W</td>
<td>E27</td>
</tr>
<tr>
<td></td>
<td>100W</td>
<td>E40</td>
</tr>
<tr>
<td>HIT (MH)</td>
<td>70W</td>
<td>E27</td>
</tr>
<tr>
<td></td>
<td>100W</td>
<td>E40</td>
</tr>
</tbody>
</table>

Emergency Gear 4500K

<table>
<thead>
<tr>
<th>LED Current</th>
<th>Power (W)</th>
<th>Nominal Flux (lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>350mA</td>
<td>1.5W</td>
<td>900 lm</td>
</tr>
</tbody>
</table>

Remote control gear.

Inverter: 12 Volt 3 - 20 Watt
10 minute time delay.

Battery Pack: 10 x 2 Ah Ni-CAD
Minimum 90 minutes of emergency light.

LIGHT DISTRIBUTION

100W HST (HPS)

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

LED 48W RLS361

LED 48W RLS499

LED 48W RLS858

LED 48W RLS360
ISTRIA

MODEL NUMBER
F212 - ISTRIA

SPECIFICATIONS

HOUSING: LM 6 die cast 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, 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: Powder coated.
MOUNTING: Surface mounted, can be wall mounted or ceiling mounted.
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 Rating gear compartment - IP 65.
MECHANICS: Operating Temperature (T0) ≤ 36°C.
Weight: 6.9 Kg total including control gear.

APPLICATION AREAS

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>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>
<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>5325 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.

DIMENSIONS IN MM

LIGHT DISTRIBUTION

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

LED 72W RLS361  LED 72W RLS499  LED 72W RLS858  LED 72W RLS014

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

Indoor or outdoor covered application.
Symmetrical distribution.
Petrol Stations.
Warehousing.
Workshops.
Swimming Pools.

**INDUSTRIAL LIGHTING**

**INDUSTRIAL LIGHTING**

**APPLICATION AREAS**

Indoor or outdoor covered application.
Symmetrical distribution.
Petrol Stations.
Warehousing.
Workshops.
Swimming Pools.

**MODEL NUMBER**

F219 - OLYMPIA

**SPECIFICATIONS**

**HOUSING**: Mild steel housing with Aluminium heat sink.

**LIGHT SOURCE**: The fitting is designed to operate a LED up to 150W.

**LENS**: 80°.

**FINISH**: Powder coated.

**MOUNTING**: Surface mounted or recessed.

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

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

**INGRESS PROTECTION**: IP65.

**MECHANICS**: Operating Temperature (Ta) - 20° C to +40 ° C.

**Weight**: 7.4 Kg.

**ACCESSORIES**: Plate so the fitting can fit existing installation cut out.

**FEATURES**:

- Lifespan: >50 000hrs
- Colour rendering Index: >80.
- Power Factor: >0.90.
- Dimmable on request.

Specially equipped for the illumination of petrol stations with the latest LED technology. The areas around the petrol pumps and their surroundings are illuminated in an energy-efficient and efficient way.

The OLYMPIA is very easy to install because the housing is adapted to the dimensions of the conventionally installed lights. Highly efficient LED modules with excellent thermal management guarantee a long LED life of 50,000 hours which minimizes maintenance.

The LED spotlights are ideally suited for outdoor use with protection class IP65 and can also handle shocks well with IK09.

**COLOURS**

- White (WH)
DIMENSIONS IN MM

Recessed Bottom View

Recessed Side View

CUT OUT: Max 400mm x 400mm
Min 370mm x 370mm

Surface Mounted Bottom View

Surface Mounted Side View
LIGHT SOURCE

LED LUMILEDS 3030

<table>
<thead>
<tr>
<th>Power (W)</th>
<th>CRI</th>
<th>Colour Temp</th>
<th>Nominal Flux (lm)</th>
<th>Total Flux (lm)</th>
<th>Efficiency (lm/W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>150W</td>
<td>&gt;80</td>
<td>4000K</td>
<td>19416 lm</td>
<td>19396 lm</td>
<td>133.30 lm/W</td>
</tr>
</tbody>
</table>

LIGHT DISTRIBUTION

OLYMPIA 150W

Wavelength in 4000K
**APPLICATION AREAS**

Indoor or outdoor application.
Symmetrical or asymmetrical distribution.
Commercial areas
Canopy lights for garage forecourts
Industrial
Warehouses
Workshops
Racking

**COLOURS**

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

**MODEL NUMBER**

F214 - ZENON

**SPECIFICATIONS**

**HOUSING**
3CR12 Stainless Steel. The fitting is offered in 304 Stainless Steel for coastal installation. Easy access to power supply compartment hinged with safety cable.

**LIGHT SOURCE**
The fitting is designed to operate a LED up to 144W. 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**
Toughened glass 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**
Surface mounted or suspended.

**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 20.
Ingress Protection Rating gear compartment - IP 65.

**MECHANICS**
Weight: 14.5 Kg total including control gear.

**ADDITIONAL OPTIONAL FEATURES**

**DAYLIGHT SWITCH**
Photocell can be incorporated.

**VANDAL RESISTANT**
Tamper proof latch available.

**DIMMING**
Optional dimming is available on request.

www.regentlight.co.za
DIMENSIONS IN MM

Bottom View

Front View

Back View

Side View
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>48 LED’s</th>
<th>60 LED’s</th>
<th>72 LED’s</th>
<th>Lifetime Residual Flux @ Ta 25° C</th>
</tr>
</thead>
<tbody>
<tr>
<td>700mA</td>
<td>Power (W)</td>
<td>Nominal Flux (lm)</td>
<td>Power (W)</td>
<td>Nominal Flux (lm)</td>
<td>Power (W)</td>
<td>Nominal Flux (lm)</td>
</tr>
<tr>
<td>48W</td>
<td>7234 lm</td>
<td>72W</td>
<td>10851 lm</td>
<td>96W</td>
<td>14468 lm</td>
<td>120W</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

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

LED 72W RLS361 - 54°

LED 72W RLS499

LED 72W RLS749

LED 72W RLS360