BALI

MODEL NUMBER
L105J - BALI SURFACE
L105S - BALI SPIKE

SPECIFICATIONS
HOUSING: LM 6 die cast aluminium.
LIGHT SOURCE: The fitting is designed to operate a 4.8W LED.
DIFFUSER: Tempered glass 4mm.
FINISH: Powder coated.
MOUNTING: Surface or spike mounted. 160° adjustable on the vertical plane.
CONTROL GEAR: The electronic supply is suitable for operation with 220 – 240 volts - 50 hertz single phase.
FASTENERS: All external screws are stainless steel.
GASKET: Nitrile O-Ring gasket.
INGRESS PROTECTION: IP65.
MECHANICS: Operating Temperature (T<sub>a</sub>) ≤ 36° C.
Weight: 1Kg.
Windage: Max. projected areas for mounting 0.0146m².
Surge arrester to protect LED supply.

LIGHT SOURCE
LED

<table>
<thead>
<tr>
<th>Current</th>
<th>Wattage</th>
<th>Beam</th>
<th>Colour Temp</th>
<th>Lumen</th>
</tr>
</thead>
<tbody>
<tr>
<td>350mA</td>
<td>4.8W</td>
<td>11°</td>
<td>4000K</td>
<td>497 lm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>18°</td>
<td>4500K</td>
<td>453 lm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>45°</td>
<td>3000K</td>
<td>453 lm</td>
</tr>
</tbody>
</table>

DIMENSIONS IN MM

APPLICATION AREAS
Indoor or outdoor application.
Symmetrical distribution.
Parks and gardens.
Pedestrian walkways.
Building entrances.

BEAM DEGREE

COLOURS

- Black (BL)

LIGHT DISTRIBUTION
LED 4.8W 11° Beam

cd/kWm
G2 - C180
C90 - C270
MODEL NUMBER
F108R - CUBICA TRUNION

SPECIFICATIONS

HOUSING: LM6 die cast and extruded aluminium.
LIGHT SOURCE: The fitting is designed to operate a range of Metal Halide lamps up to 35W and a LED up to 24W. RGB on request.
DIFFUSER: Opti glass 4mm, which allows for 10% better heat and light distribution.
REFLECTOR: Metal Halide lamp - 99.80% high purity aluminium reflector. LED’s - 93% efficiency. Precision-molded from high grade PC UL94 HB rated material with operating rating -40°C to +100°C.
FINISH: Powder coated.
MOUNTING: Adjustable trunion arm. Mild steel hot dipped galvanised.
ACCESSORIES: Spike mounting. Anti-glare cowl, glare baffle or spread lens.
CONTROL GEAR: The electronic supply is suitable for operation with 220 – 240 volts - 50 hertz single phase.
FASTENERS: All external screws are stainless steel.
GASKET: EPDM gasket.
INGERESS PROTECTION: IP65.
MECHANICS: Operating Temperature (Ta) ≤ 36°C.
Weight: 4 Kg.
Surge arrester to protect LED supply.

APPLICATION AREAS
Indoor or outdoor application.
Symmetrical distribution.
Landscape lighting.
Pathway lighting.
Wall washing.

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

BEAM DEGREE

<table>
<thead>
<tr>
<th>Metal Halide Lamps</th>
<th>LED</th>
</tr>
</thead>
<tbody>
<tr>
<td>10°</td>
<td>36°</td>
</tr>
<tr>
<td>20°</td>
<td>31°</td>
</tr>
<tr>
<td>36°</td>
<td>3P</td>
</tr>
<tr>
<td>31°</td>
<td>3P</td>
</tr>
<tr>
<td>36°</td>
<td>3P</td>
</tr>
</tbody>
</table>
**LIGHT SOURCE**

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Beam</th>
<th>Wattage</th>
<th>Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIT (MH)</td>
<td>10° or 36°</td>
<td>20W or 35W</td>
<td>G8.5</td>
</tr>
</tbody>
</table>

**LED COB 14mm**

<table>
<thead>
<tr>
<th>LED Current</th>
<th>Beam</th>
<th>Luminaire Wattage (W)</th>
<th>Module Wattage (W)</th>
<th>Colour Temp</th>
<th>Nominal Flux (lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>700mA</td>
<td>20° or 31°</td>
<td>26W</td>
<td>24W</td>
<td>4000K</td>
<td>3815 lm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3000K</td>
<td>3695 lm</td>
</tr>
</tbody>
</table>

**DIMENSIONS IN MM**

**LIGHT DISTRIBUTION**

35W HIT (MH) - 10° Beam

LED 26W - 20° Beam

35W HIT (MH) 36° Beam

LED 26W - 31° Beam
MODEL NUMBER
C211R - ECHO TRUNION

SPECIFICATIONS

HOUSING: LM 6 die cast aluminium and extruded aluminium.
LIGHT SOURCE: The fitting is designed to operate a GU10 lamp.
DIFFUSER: 4mm clear tempered glass.
FINISH: Powder coated.
MOUNTING: Adjustable trunion arm. Mild steel hot dipped galvanised.
ACCESSORIES: Spike mounting.
POWER SUPPLY: Designed to operate a direct to mains 220 – 240 volts AC 50 Hertz single phase.
FASTENERS: All external screws are stainless steel.
GASKET: EPDM and insertion rubber.
INGRESS PROTECTION: IP65.
MECHANICS: Operating Temperature (Ta) ≤ 36° C.
Weight: 1 Kg.
Windage: Max. projected areas for mounting 0.0109m².
NOTE: GU10 lamp must be suitable for enclosed application. Maximum lamp length is 60mm high.

APPLICATION AREAS
Indoor or outdoor application.
Symmetrical distribution.
Landscape lighting.
Pathway lighting.
Wall washing.

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

LIGHT SOURCE

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

DIMENSIONS IN MM

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front View</td>
<td>90 x 75</td>
</tr>
<tr>
<td>Side View</td>
<td>200 x 165</td>
</tr>
</tbody>
</table>

LIGHT DISTRIBUTION

- LED 4W 35° Beam (Verbatim)

www.regentlight.co.za
**MODEL NUMBER**

**F104 - GAMMA**

**SPECIFICATIONS**

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

**LIGHT SOURCE**: The fitting is designed to operate a range of Compact Fluorescent lamps up to 26W, Metal Halide lamps up to 150W or LED’s up to 32W. 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**: Opti glass 4mm, which allows for 10% better heat and light distribution.

**LENSES**: LED version - Modular optical lenses. Material PMMA. Various lens options available for different applications, allowing for symmetrical or asymmetrical solutions.

**REFLECTOR**: Compact Fluorescent and Metal Halide version - Highly polished or dimpled aluminium reflector.

**FINISH**: Powder coated.

**MOUNTING**: Adjustable trunion arm. Mild steel hot dipped galvanised.

**CONTROL GEAR**: Control gear and lamp housed in separate compartments for optimal thermal management. Electronic control gear for compact fluorescent and metal halide version.

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

LED version 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.

**INGRESS PROTECTION**: Ingress Protection Rating optical compartment - IP 66.

Ingress Protection Rating gear compartment - IP 65.

**MECHANICS**: Operating Temperature (T0) ≤ 36°C.

Weight: 5.8 Kg total including control gear.

Windage: Max. projected areas for mounting 0.04m²

**APPLICATION AREAS**

Indoor or outdoor application.
Symmetrical or asymmetrical distribution.
Landscape lighting
Facade lighting
Security lighting
Industrial buildings
Sign boards

**COLOURS**

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

**BEAM DEGREE**

<table>
<thead>
<tr>
<th>Beam Degree</th>
<th>Metal Halide Lamps</th>
<th>LED</th>
</tr>
</thead>
<tbody>
<tr>
<td>54°</td>
<td>54°</td>
<td>122°</td>
</tr>
<tr>
<td>25°+124°</td>
<td>Side View</td>
<td>Front View</td>
</tr>
</tbody>
</table>

www.regentlight.co.za
LIGHT SOURCE

LED Osram Oslon Square Giant 4000 Kelvin

<table>
<thead>
<tr>
<th>LED Current</th>
<th>16 LED’s</th>
<th>Lifetime Residual Flux @ Ta 25°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power [W]</td>
<td>Nominal Flux [lm]</td>
<td>@ 60 000h</td>
</tr>
<tr>
<td>700mA</td>
<td>32W</td>
<td>5052 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.

Conventional Light Source

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Wattage</th>
<th>Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFL</td>
<td>2 x 18W</td>
<td>G24</td>
</tr>
<tr>
<td></td>
<td>26W</td>
<td></td>
</tr>
<tr>
<td>HIT (MH)</td>
<td>70W</td>
<td>RX7S</td>
</tr>
<tr>
<td></td>
<td>150W</td>
<td></td>
</tr>
</tbody>
</table>

DIMENSIONS IN MM

LIGHT DISTRIBUTION

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

150W HIT (MH) LED 32W RLS361 - 54° Beam LED 32W RLS499 - 122° Beam LED 32W RLS749 - 25° + 124° Beam
MODEL NUMBER
F212R - ISTRIA TRUNION

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 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.

LENSES: Modular optical lenses. Material PMMA. Various lens options available for different applications, allowing for custom solutions.
DIFFUSER: Toughened glass or high impact acrylic offering added protection for optical lenses.
FINISH: Cast aluminium or powder coated.

MOUNTING: Adjustable trunion arm. Mild steel hot dipped galvanised. Luminaire designed to face upwards with a maximum rake of 25°
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 10KV.

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 (Ta) ≤ 36°C.
Weight: 6.9 Kg total including control gear.
Windage: Max. projected areas for mounting 0.09m²

APPLICATION AREAS
Indoor or outdoor application.
Symmetrical or asymmetrical distribution.
Facade lighting.
Security lighting.
Signage lighting.
General floodlighting.
Car park lighting.

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

BEAM DEGREE
54° Beam
122° Beam

www.regentlight.co.za
LIGHT SOURCE

LED Osram Osion 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>36 LED’s Power (W)</th>
<th>Nominal Flux (lm)</th>
<th>Lifetime Residual Flux @ Ta 25°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>350mA</td>
<td>12W</td>
<td>1910 lm</td>
<td>23W</td>
<td>3820 lm</td>
<td>35W</td>
<td>5730 lm</td>
<td>90%</td>
</tr>
<tr>
<td>500mA</td>
<td>17W</td>
<td>2676 lm</td>
<td>34W</td>
<td>5352 lm</td>
<td>51W</td>
<td>8028 lm</td>
<td>70%</td>
</tr>
<tr>
<td>700mA</td>
<td>24W</td>
<td>3617 lm</td>
<td>48W</td>
<td>7234 lm</td>
<td>72W</td>
<td>10851 lm</td>
<td></td>
</tr>
<tr>
<td>900mA</td>
<td>31W</td>
<td>4443 lm</td>
<td>62W</td>
<td>8886 lm</td>
<td>93W</td>
<td>13329 lm</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.

DIMENSIONS IN MM

![Istria Trunion Front View](image1)

![Istria Trunion Side View](image2)

![Istria Trunion Side View](image3)

MODULAR OPTICAL LENSES

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

**LIGHT DISTRIBUTION**

- LED 72W RLS361 - 54° Beam
- LED 72W RLS499 - 122° Beam
- LED 72W RLS585B - Asymmetric
- LED 72W RLS560 - Asymmetric

![LED 72W RLS361 Distribution](image4)

![LED 72W RLS499 Distribution](image5)

![LED 72W RLS585B Distribution](image6)

![LED 72W RLS560 Distribution](image7)
KEVO

MODEL NUMBER
L128 - KEVO

SPECIFICATIONS

HOUSING: LM 6 die cast and extruded aluminium.
LIGHT SOURCE: The fitting is designed to operate a GU10 lamp or a 8W LED.
REFLECTOR: For LED Cob - Vacuum metalised medium reflector.
Beam angle 40°.
DIFFUSER: Tempered glass.
FINISH: Powder coated.
MOUNTING: Adjustable trunion arm.
ACCESSORIES: Spike mounting.
POWER SUPPLY: Designed to operate a direct to mains 220 – 240 volts AC 50 Hertz single phase or the electronic supply is suitable for operation with 220 – 240 volts - 50 hertz single phase.
FASTENERS: All external screws are stainless steel.
GASKET: EPDM and insertion rubber.
INGRESS PROTECTION: IP65.
MECHANICS: Operating Temperature (T<sub>a</sub>) ≤ 36°C.
Weight: 0.36 Kg.
Windage: Max. projected areas for mounting 0.081 m².
NOTE: Maximum lamp length is 60mm high.

APPLICATION AREAS
Indoor or outdoor application.
Symmetrical distribution.
Landscape lighting.
Pathway lighting.
Wall washing.

COLOURS

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

LED COB 9mm

<table>
<thead>
<tr>
<th>LED Current</th>
<th>Luminaire Wattage (W)</th>
<th>CRI</th>
<th>Colour Temp</th>
<th>Nominal Flux (lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>200mA</td>
<td>8W</td>
<td>80</td>
<td>4000K</td>
<td>3000K</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>815 lm</td>
</tr>
</tbody>
</table>

LED

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

DIMENSIONS IN MM

Front View

Side View

Trunion Mounting Detail

Accessory Spike Mounting Side View

LIGHT DISTRIBUTION

LED 4W 35° Beam (Verbatim)

LED BW 40° Beam
**MODEL NUMBER**
C147R - LUMINA TRUNION

**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 124W. 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.
**LENSES**: Modular optical lenses. Material PMMA. Various lens options available for different applications, allowing for custom solutions.
**DIFFUSER**: Toughened glass or high impact acrylic offering added protection for optical lenses.
**FINISH**: Cast aluminium or powder coated.
**MOUNTING**: Adjustable trunion arm. Mild steel hot dipped galvanised. Luminaire designed to face upwards with a maximum rake of 25°.
**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 IP 67 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**: 8.3 Kg total including control gear.
**Windage**: Max. projected areas for mounting 0.1650m²

**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.

**APPLICATION AREAS**

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

**BEAM DEGREE**
- 54° Beam
- 122° Beam

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

LED Osram Oslon 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>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>
<td>Power (W)</td>
</tr>
<tr>
<td>350mA</td>
<td>12W</td>
<td>1910 lm</td>
<td>23W</td>
<td>3820 lm</td>
<td>35W</td>
</tr>
<tr>
<td>500mA</td>
<td>17W</td>
<td>2676 lm</td>
<td>34W</td>
<td>5352 lm</td>
<td>51W</td>
</tr>
<tr>
<td>700mA</td>
<td>24W</td>
<td>3617 lm</td>
<td>48W</td>
<td>7234 lm</td>
<td>72W</td>
</tr>
<tr>
<td>900mA</td>
<td>31W</td>
<td>4443 lm</td>
<td>62W</td>
<td>8886 lm</td>
<td>93W</td>
</tr>
</tbody>
</table>

300K 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

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

LIGHT DISTRIBUTION

- LED 96W RLS361 - 54° Beam
- LED 96W RLS499 - 122° Beam
- LED 96W RLS5858 - Asymmetric
- LED 96W RLS5360 - Asymmetric
SHUTTLE TRUNION

MODEL NUMBER
F101R - SHUTTLE TRUNION

SPECIFICATIONS

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

**LIGHT SOURCE**: The fitting is designed to operate a range of Metal Halide lamps up to 35W and a LED up to 24W. Available in RGB.

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

**REFLECTOR**: Metal Halide lamp - 99.80% high purity aluminium reflector. LED’s - 93% efficiency. Precision-molded from high grade PC UL94 HB rated material with operating rating -40°C to +100°C.

**FINISH**: Powder coated.

**MOUNTING**: Adjustable trunion arm. Mild steel hot dipped galvanised.

**ACCESSORIES**: Spike mounting, Anti-glare cowl, glare baffle, spread lens and narrow beam mask.

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

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

**GASKET**: EPDM gasket.

**INGRESS PROTECTION**: IP65.

**MECHANICS**: Operating Temperature ($T_0$) ≤ 36°C.

**Weight**: 3 Kg.

**Windage**: Max. projected areas for mounting 0.02581m².

**Surge arrester to protect LED supply.**

APPLICATION AREAS

Indoor or outdoor application.
Symmetrical distribution.
Landscape lighting
Facade lighting
Security lighting
Industrial lighting
Sign boards

COLOURS

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

BEAM DEGREE

<table>
<thead>
<tr>
<th>Metal Halide Lamps</th>
<th>LED</th>
</tr>
</thead>
<tbody>
<tr>
<td>10°</td>
<td>36°</td>
</tr>
<tr>
<td>20°</td>
<td>31°</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Beam</th>
<th>Wattage</th>
<th>Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIT (MH)</td>
<td>10° or 31°</td>
<td>20W or 35W</td>
<td>G8.5</td>
</tr>
</tbody>
</table>

**LED COB 14mm**

<table>
<thead>
<tr>
<th>LED Current</th>
<th>Beam</th>
<th>Luminaire Wattage (W)</th>
<th>Module Wattage (W)</th>
<th>Colour Temp</th>
<th>Nominal Flux (lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>700mA</td>
<td>20° or 31°</td>
<td>26W</td>
<td>24W</td>
<td>4000K</td>
<td>3815 lm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3000K</td>
<td>3695 lm</td>
</tr>
</tbody>
</table>

**DIMENSIONS IN MM**

![Front View](image1)

![Side View](image2)

Narrow beam mask

Trunion Mounting Details

Accessory Spike Mounting Side View

**LIGHT DISTRIBUTION**

35W HIT (MH) - 10° Beam

35W HIT (MH) 36° Beam

LED 26W - 20° Beam

LED 26W - 31° Beam

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### SPUTNIK

**APPLICATION AREAS**
- Indoor or outdoor application.
- Symmetrical distribution.
- Facade lighting.
- Security lighting.
- Signage lighting.
- General floodlighting.
- Car park lighting.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>F102 - SPUTNIK</th>
</tr>
</thead>
</table>

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

**LIGHT SOURCE**
The fitting is designed to operate a range of Compact Fluorescent lamps up to 42W, Metal Halide lamps up to 150W and a LED up to 38W. Available in RGB.

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

**REFLECTOR**
Metal Halide lamp - 99.80% high purity aluminium reflector. LED's - 93% efficiency. Precision-molded from high grade PC UL94 HB rated material with operating rating -40°C to +100°C.

**FINISH**
Powder coated.

**MOUNTING**
Adjustable trunion arm. Mild steel hot dipped galvanised.

**ACCESSORIES**
Spike mounting. Anti-glare cowl, glare baffle or spread lens.

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

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

**GASKET**
EPDM gasket.

**INGRESS PROTECTION**
IP 65.

**MECHANICS**
Operating Temperature (T<sub>a</sub>) ≤ 36°C.

**Weight**
3.8 Kg.

**Windage**
Max. projected areas for mounting 0.04637m². Surge arrester to protect LED supply.

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

**BEAM DEGREE**

<table>
<thead>
<tr>
<th>Metal Halide Lamps</th>
<th>LED</th>
</tr>
</thead>
<tbody>
<tr>
<td>10°</td>
<td>10°</td>
</tr>
<tr>
<td>36°</td>
<td>36°</td>
</tr>
<tr>
<td>12°</td>
<td>12°</td>
</tr>
<tr>
<td>38°</td>
<td>38°</td>
</tr>
</tbody>
</table>

**APPROVED**
- thermTECH
- daliTECH
- surTECH
### LIGHT SOURCE

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Beam</th>
<th>Wattage</th>
<th>Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFL</td>
<td>-</td>
<td>13W, 18W, 26W or 42W</td>
<td>CFL</td>
</tr>
<tr>
<td>HIT (MH)</td>
<td>8° or 28°</td>
<td>35W, 70W, 100W or 150W</td>
<td>G12</td>
</tr>
</tbody>
</table>

#### LED COB 17mm

<table>
<thead>
<tr>
<th>LED Current</th>
<th>Beam</th>
<th>Luminaire Wattage (W)</th>
<th>Module Wattage (W)</th>
<th>Colour Temp</th>
<th>Nominal Flux (lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1050mA</td>
<td>12° or 38°</td>
<td>40W</td>
<td>38W</td>
<td>4000K</td>
<td>5720 lm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3000K</td>
<td>5530 lm</td>
</tr>
</tbody>
</table>

### DIMENSIONS IN MM

![Sputnik Side View with cowl attachment](image)

- 168 mm
- 92 mm
- 3 x 10mm Ø holes
- 103 c/c
- 205 mm

![Light Distribution](image)

#### LIGHT DISTRIBUTION

**70W HIT (MH) - 8° Beam**

- 12° and 38°
- 4000K
- 5720 lm
- 3000K
- 5530 lm

**LED 40W - 12° Beam**

- 12° and 38°
- 4000K
- 5720 lm
- 3000K
- 5530 lm

**LED 40W - 38° Beam**

- 12° and 38°
- 4000K
- 5720 lm
- 3000K
- 5530 lm

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VALA

The Vala for illuminating a wall or facade with the vibrant colors of LED lighting, helps to transform a formerly blank slab from ordinary to sensational.
MODEL NUMBER
F401 - VALA 300
F402 - VALA 600
F403 - VALA 900
F404 - VALA 1200

APPLICATION AREAS
Outdoor application.
Symmetrical or asymmetrical distribution.
Facade Lighting

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 48W. RGB available on request.
DIFFUSER: Toughened glass or acrylic.
LENSES: Available in various beam angles.
FINISH: Powder coated.
MOUNTING: Surface mounted.
ACCESSORIES: Adjustable mounting bracket or fixed mounting bracket.
CONTROL GEAR: The electronic supply is suitable for operation with 220 – 240 volts - 50 hertz single phase. Gear is integrated (not accessible), it can be remote on request.
FASTENERS: All external screws are stainless steel.
INGRESS PROTECTION: IP66.
MECHANICS: Operating Temperature (Ta) ≤ 36°C.
FEATURES: Available in various lengths.
The fitting can be mounted on the side or the top of the extrusion depending on the application.
Fixing brackets are adjustable along horizontal channel for flexible mounting options.
Various cable entry options available.

Installation instructions are available on the web site or on request.

COLOURS

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

**LED Osram Oslo Square Giant**

<table>
<thead>
<tr>
<th>LED Current</th>
<th>Length</th>
<th>Power (W)</th>
<th>Colour Temp</th>
<th>Nominal Flux (lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>700mA</td>
<td>300mm</td>
<td>12W</td>
<td>4000K</td>
<td>1712 lm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3000K</td>
<td>1592 lm</td>
</tr>
<tr>
<td></td>
<td>600mm</td>
<td>24W</td>
<td>4000K</td>
<td>3424 lm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3000K</td>
<td>3184 lm</td>
</tr>
<tr>
<td></td>
<td>900mm</td>
<td>36W</td>
<td>4000K</td>
<td>5136 lm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3000K</td>
<td>4776 lm</td>
</tr>
<tr>
<td></td>
<td>1200mm</td>
<td>48W</td>
<td>4000K</td>
<td>6847 lm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3000K</td>
<td>6368 lm</td>
</tr>
</tbody>
</table>

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**

[Diagrams and dimensions of VALA 300, VALA 600, VALA 900, VALA 1200]
FEATURES

MOUNTING OPTIONS

- Side View
  Adjustable bracket side mounted

- Side View
  Adjustable bracket top mounted

- Side View
  Fixed bracket surface mounted (max adjustment)

- Side View
  Fixed bracket surface mounted (min adjustment)

GLAND OPTIONS

1
2
3

- The gland can be placed in 3 different positions 1, 2 or 3 depending on application.
- Provision must be made for the gland clearance if the fitting is surface mounted using a fixed bracket.

- Gland position must be specified when ordering
  GLAND POSITION 1 - Side entry
  GLAND POSITION 2 - Back Entry
  GLAND POSITION 3 - Top Entry

Installation instructions are available on the web site or on request.

LIGHT DISTRIBUTION

LED 55W 1200mm - 25° Beam

LED 55W - 1200mm 46° Beam

LED 55W 1200mm - 11° + 41° Beam
ZONE

MODEL NUMBER
F406 - ZONE

SPECIFICATIONS

HOUSING: LM 6 die cast aluminium and extruded aluminium.
LIGHT SOURCE: The fitting is designed to operate a range of RGB LED.
DIFFUSER: Toughened glass or acrylic.
LENSES: Available in various beam angles.
FINISH: Powder coated.
MOUNTING: Surface mounted.
ACCESSORIES: Adjustable mounting bracket.
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: IP66.
MECHANICS: Operating Temperature (T0) ≤ 36°C.

APPLICATION AREAS

Outdoor application.
Column lighting
Facade Lighting
Landscape Lighting

BEAM DEGREE

10° 25° 46°

COLOURS

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

LED RGB

<table>
<thead>
<tr>
<th>Colour</th>
<th>Power (W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>18W</td>
</tr>
<tr>
<td>Red</td>
<td>6W</td>
</tr>
<tr>
<td>Green</td>
<td>6W</td>
</tr>
<tr>
<td>Blue</td>
<td>6W</td>
</tr>
</tbody>
</table>

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

DIMENSIONS IN MM

Top View

Mounting Detail

Side View

Rotation

LIGHT DISTRIBUTION

LED 18W - 10° Beam

LED 18W - 25° Beam

LED 18W - 46° Beam

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