

iLANGALED MAXI



Die-Cast Aluminium Streetlight



100W

14,405
lumens

120W

17,186
lumens

150W

20,531
lumens

180W

23,840
lumens

200W

25,658
lumens

224W

31,809
lumens

Contact us for custom wattages between 100w - 224w

Hello **Reliability!**

A high-performance LED streetlight available from 100W to 224W, designed for major roadways (Class A1–A4).

Constructed from AC 44300 aluminium for superior corrosion resistance in coastal environments. Fitted with high-power LEDs and high-efficiency optical lenses in multiple distributions, the iLANGALED MAXI is engineered for reliable, high-output performance.



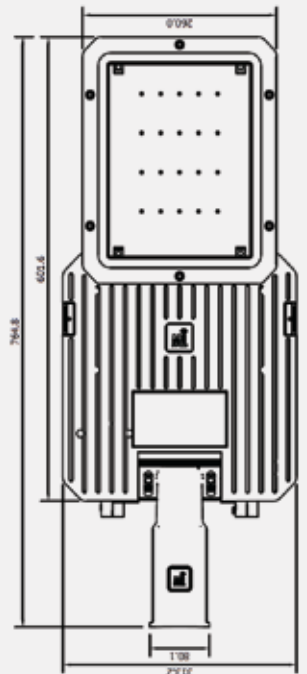
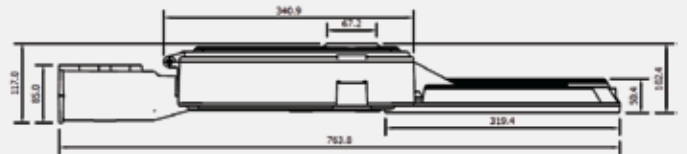
Fit-For-Purpose:

- Street Lighting
- Security Lighting
- General Amenity
- Class A Roadways



Accessories

- iLangaLED Maxi 60/42mm Spigot Insert for side entry
- iLangaLED Maxi 60/76mm Spigot Insert for bottom entry



INCREDIBLE
LED PERFORMANCE

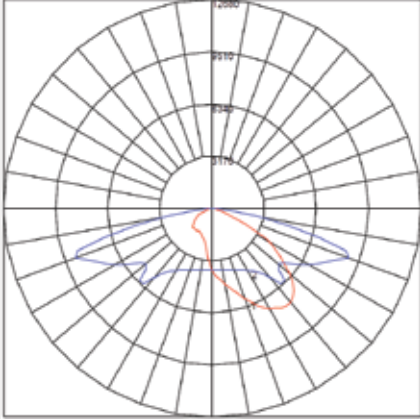
MARINE GRADE
ALUMINIUM FRAME

EASE OF
MAINTENANCE

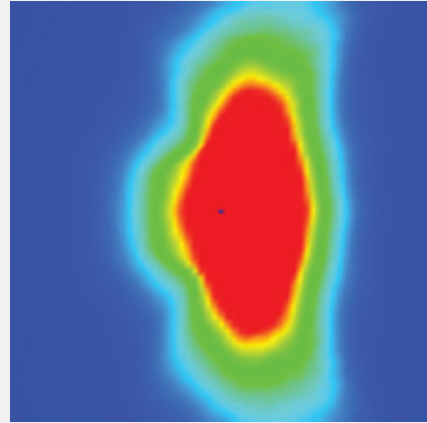
SPIGOT
MOUNTING



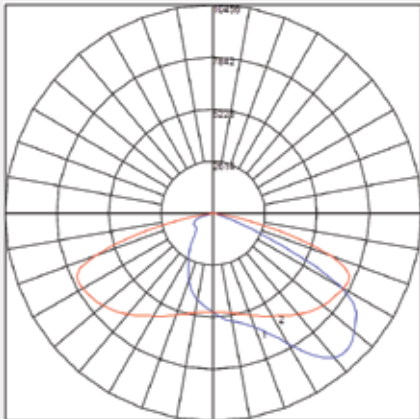
IES ROAD REPORT
PHOTOMETRIC FILENAME : ILANGALED MAXI 200W - 316030.IES
POLAR GRAPH



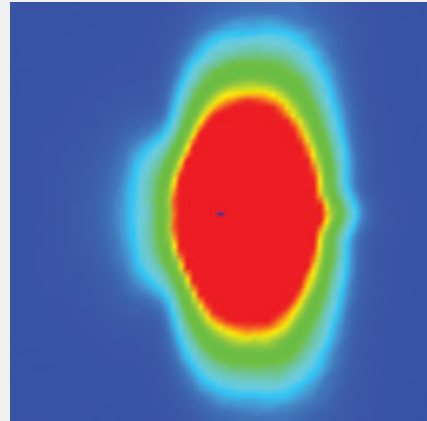
Maximum Candela = 12680.1 Located At Horizontal Angle = 292.5, Vertical Angle = 75
1 - Vertical Plane Through Horizontal Angles (0 - 180)
2 - Vertical Plane Through Horizontal Angles (90 - 270)



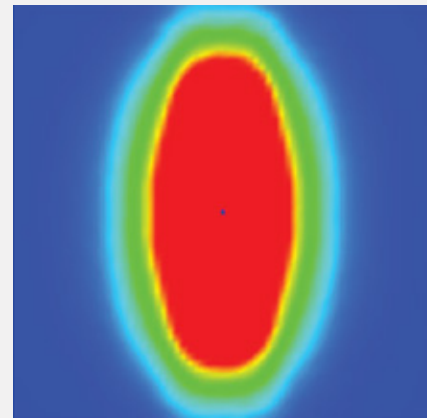
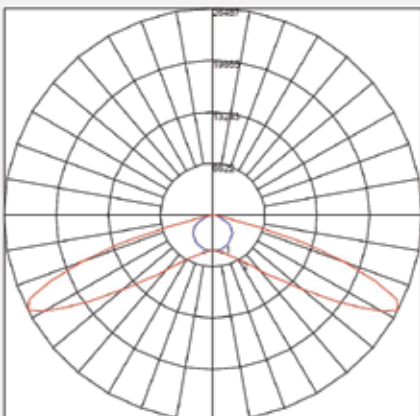
IES ROAD REPORT
PHOTOMETRIC FILENAME : ILANGALED MAXI 200W - 316045.IES
POLAR GRAPH



Maximum Candela = 10455.77 Located At Horizontal Angle = 292.5, Vertical Angle = 62.5
1 - Vertical Plane Through Horizontal Angles (0 - 180)
2 - Vertical Plane Through Horizontal Angles (90 - 270)



IES ROAD REPORT
PHOTOMETRIC FILENAME : ILANGALED MAXI 200W - T1.IES
POLAR GRAPH



| FEATURE | SILL0100 | SILL0120 | SILL0150 | SILL0180 | SILL0200 | SILL0220 |
|---------------------------------|--------------------------------------------------------------|--------------|--------------|--------------|--------------|--------------|
| NOMINAL POWER | 100 Watts | 120 Watts | 150 Watts | 180 Watts | 200 Watts | 224 Watts |
| LUMINOUS FLUX (LM) | UP TO 14,405 | UP TO 17,186 | UP TO 20,531 | UP TO 23,840 | UP TO 25,658 | UP TO 31,809 |
| LUMINOUS EFFICIENCY (LM/W) | UP TO 145 | UP TO 141 | UP TO 138 | UP TO 135 | UP TO 132 | UP TO 131 |
| NUMBER OF LEDS | 48 | | | | | |
| COLOUR TEMPERATURE | 4000K (STANDARD) 2200K / 3000K / 5000K / 6500K (OPTIONAL) | | | | | |
| LED LIFETIME (HOURS) @ TA 25 °C | L90B10 > 100 000 HRS | | | | | |
| CRI | >70 | | | | | |
| DIFFUSER | Glass - IK08 (Standard) Polycarbonate - IK09/10 (Optional) | | | | | |
| NOMINAL INPUT VOLTAGE | 220V-230V (STANDARD) 90V-305V (OPTIONAL) | | | | | |
| OPERATING TEMPERATURE | -40°C to 55°C | | | | | |
| SURGE PROTECTION | 10kV (Standard) 20kV (Optional) | | | | | |
| IP RATING | IP66 | | | | | |
| WEIGHT (BOX) | 9.1KG | | | | | |

* Values shown are AFTER both Thermal and Optical losses. Output will vary depending on optics utilised. Performance values are subject to ±5% variance.

Product Code Logic

| SILL | XXXX | - | X | X | X |
|-------------|---------|---|-----------|-------------|-----------------------------------------------------|
| FAMILY NAME | WATTAGE | | CT | OPTICS | MOUNTING |
| 0100 | = 100W | | 1 = 2200K | 1 = T1 | 0 = Spigot (60mm Diameter) Standard |
| 0120 | = 1200W | | 2 = 2700K | 2 = ME | 1 = Spigot fitted Side entry insert (42mm Diameter) |
| 0150 | = 150W | | 3 = 3000K | 3 = FT | 2 = Spigot fitted Bottom entry (76mm Diameter) |
| 0200 | = 200W | | 4 = 4000K | 4 = T2 | |
| 0220 | = 224W | | 5 = 5000K | 5 = T4 | |
| | | | 6 = 6500K | 6 = ME Wide | |

Due to continuing R&D, the above data may change without prior notice. Please consult us for the latest available options. Warranties subject to our standard terms and conditions of sale.

Related Products



iLangaLED



MAGVIA



MAGVIA Mini



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ilanga
LIGHTING

A LIGHTING SOLUTION FOR **EVERY** APPLICATION!

ILANGA LIGHTING DISTRIBUTION COMPANY (PTY) LTD - REG 2003/030689/07

B-BBEE
LEVEL **2**
CONTRIBUTOR

SABS
ISO 9001