

MALTA RAY

MODEL NUMBER

MALTA RAY

SPECIFICATIONS

HOUSING : LM 6 die cast aluminium extruded aluminium.

LIGHT SOURCE : The fitting is designed to operate a 78W LED. The LED is a Osram high powered LED mounted onto an aluminium circuit board.

Recommended LED 4000 Kelvin Natural white with CRI >70.

LUMEN MAINTENANCE : L95B10 100000hrs @ 25° Ta

DIFFUSER : UV stabilised high impact acrylic.

FINISH : Powder coated.

MOUNTING : Post mounted.

Recommended mounting height 3.5m to 5m. Spigot entry 76mm Ø with a depth of 80mm.

Side Entry roto bracket which attaches to a 76mm Ø pole.

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.

INGRESS PROTECTION : IP 65.

OPERATING TEMPERATURE : (Ta) ≤ 35° C.

WEIGHT : 8 Kg total including control gear.

WINDAGE : Max. projected areas for mounting 0.044m².

FEATURES : Surge arrester to protect LED supply.



COLOURS



Black (B)



Matt Silver (M)



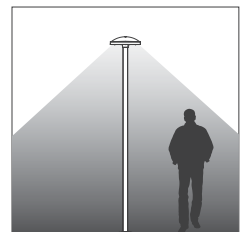
White (W)



Charcoal Grey (C)

APPLICATION AREAS

Indoor or outdoor application.
Street lighting and parking areas
CLASS - B | C
Symmetrical & Asymmetrical
distribution.
Parking areas.
Parks and gardens.
Residential areas.
Squares and plazas.



LIGHT SOURCE

LED Osram

LED CURRENT (mA)	12 LED's				
	COLOUR TEMP (K)	NOMINAL WATTAGE (W)	SYSTEM WATTAGE (W)	NOMINAL FLUX (lm)	LUMINOUS FLUX (lm)
750mA	4000K	25W	29W	4555 lm	3527 lm
LED CURRENT (mA)	24 LED's				
	COLOUR TEMP (K)	NOMINAL WATTAGE (W)	SYSTEM WATTAGE (W)	NOMINAL FLUX (lm)	LUMINOUS FLUX (lm)
650mA	4000K	45W	49W	9842 lm	6439 lm
900mA		62W	66W	12898 lm	8323 lm
1050mA		73W	78W	14692 lm	9537 lm

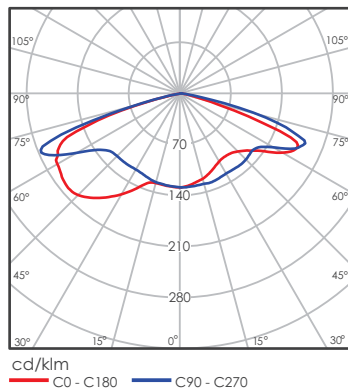
The nominal flux of the LED is based on the LED manufacturers data at 30° C.

The environmental conditions of the installation will impact the efficiency of the LED's.

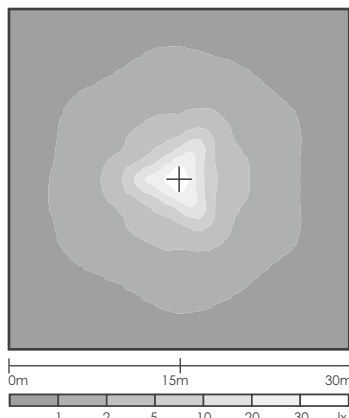
Due to the continual advancement in LED technology the type of LED is subject to change.

LIGHT DISTRIBUTION

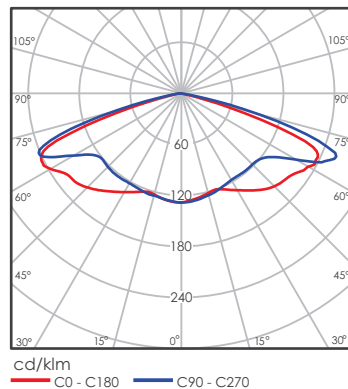
29W LED RLS014T4B



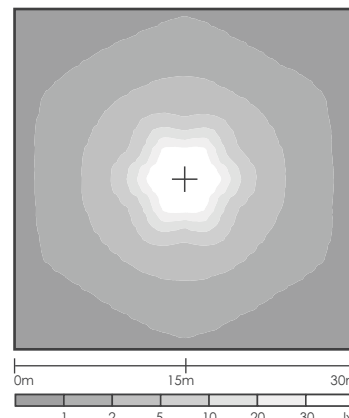
Mounted @ 4.5m



49W LED RLS014T4B



Mounted @ 5.0m



DIMENSIONS IN MM

