

Roadstar was created to help those responsible for lighting our world succeed in their energy conservation goals. Roadstar offers an affordable LED road lighting solution for both residential and major road applications. It offers 6 housing sizes and a range of beam optics to fully cater to different road configurations and conditions. It is designed to achieve better light uniformity and maximum spacing between poles, while ensuring sufficient light on the road. Its die-cast aluminium housing, excellent thermal management and resistance to the elements, makes the Roadstar ensure long lifetime, reliability and offers significant energy savings when compared with conventional lamp systems.



Features & Benefits

- Luminaire efficacy reaches 130 lu/W, which gives more than 60% of energy saving with full compliance to road lighting safety standards.
- Beautifully designed housing to suit any city centre and provide a designer feel.
- Maintain the "Zero Air Gap" between MCPCB and aluminum modules for fastest heat dissipation.
- Multiple lumen packages and optics to suit most roadway applications.
- Superior W/m² performance delivered through different optics for greater flexibility to fit different road applications.
- High quality cool and neutral white light with high colour consistency.
- Vibration, dust and heat resistant.
- World Class, approbated quality components (LEDs / Driver / etc.)
- Low maintenance cost with no need for internal cleaning, resulting in a lower total cost of ownership.
- Lifetime of over 50, 000 hours.

Specifications



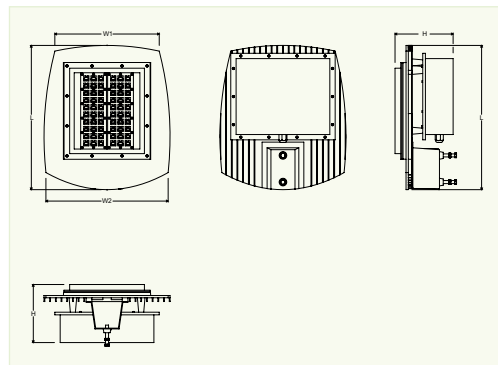
Family Name	: Road Star
Model	: PLSL (503/504)
Wattage	: 75Watt / 100Watt / 150Watt / 200Watt
Lumen / Watt	: 130 lm/W
Lamp Colour	: 2700K, 4700K, 6500K
Colour Rendering Index	: >80
Optics	: Optical lens give rectangular light spot with Uniform light distribution
Driver	: Integrated (Constant current driver)
Surge Protection	: 10 kV
Housing	: Aluminium housing finished by Grey coating
Flex Cable	: Yes - 1m
Lifetime	: 50,000
Classifications	: IP66
Input Voltage	: 180-270 AC-50Hz
Power Factor	: >0.95
Installation	: Suitable for pole diameter up to 60mm
Application	: Minor and major road, parking areas, docks & yards

Accessories & Controls

Installation

In-built integrated electronic LED driver Suitable for external pole dia. 40 to 60mm

Product Code	Ordering Code	LED Wattage	System Wattage (W)	Rated Voltage (V)	Mains Current (A)	Approx Weight (Kg)	Case Lot (Nos.)
PLSL 503 / 75	PLSL 503 / 30 / 700	65	75	230	0.34	3.700	1 Nos.
PLSL 503 / 100	PLSL 503 / 40 / 700	87	100	230	0.46	4.700	1 Nos.
PLSL 503 / 150	PLSL 503 / 60 / 700	130	150	230	0.68	6.250	1 Nos.
PLSL 503 / 200	PLSL 503 / 80 / 700	175	200	230	0.91	-	1 Nos.
PLSL 504 / 75	PLSL 504 / 30 / 700	65	75	230	0.34	3.700	1 Nos.
PLSL 504 / 100	PLSL 504 / 40 / 700	87	100	230	0.46	4.700	1 Nos.
PLSL 504 / 150	PLSL 504 / 60 / 700	130	150	230	0.68	6.250	1 Nos.
PLSL 504 / 200	PLSL 504 / 80 / 700	175	200	230	0.91	-	1 Nos.



Product Code	Dimension in mm			Lumens
	L	W	H	
PLSL 504 / 75	322	228	145	8500
PLSL 504 / 100	366	280	145	11400
PLSL 504 / 150	375	325	145	17000
PLSL 504 / 200				22700

Note : Dimension Detail for Product Code 503 & 504 are same