

Road beauty luminaire builds on the continued success of the conventional fitting by offering an energy efficient light source for general lighting, residential streets and areas requiring security, footpaths, access ways and industrial lighting estates. Designed with die-cast aluminium housing and polycarbonate cover, it provides vibration, dust and heat resistant capabilities to meet harsh application environments. It was designed with an over 50,000 hour lifespan, to minimize maintenance requirements and maximize performance and offers significant energy savings when compared with conventional lamp systems.



Features & Benefits

- Up to 50% energy Savings with full compliance to road lighting safety standards.
- Beautifully designed housing to suit any city centre and provide a designer feel.
- Best Thermal Management by Maintain the "Zero Air Gap" between MCPCB and aluminium modules for fastest heat dissipation.
- Road Beauty available with two size and optics to suit most roadway applications.
- Aesthetic choices with high photometric and lighting performance.
- 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 Beauty
Model	: PLSL (505)
Wattage	: 100Watt / 150Watt
Lumen / Watt	: 110 lm/W
Lamp Colour	: 2700K, 4700K, 6500K
Colour Rendering Index	: >80
Driver	: Integrated (Constant current driver)
Surge Protection	: 10 kV
Housing	: Cast Aluminium housing finished by Grey coating
Flex Cable	: Yes - 1m
Lifetime	: 50,000 hrs
Classifications	: IP66
Input Voltage	: 180 - 270V AC - 50Hz
Power Factor	: > 0.95
Installation	: Suitable for pole diameter upto 40mm
Application	: Minor and major roads, Residential Street, Pathways

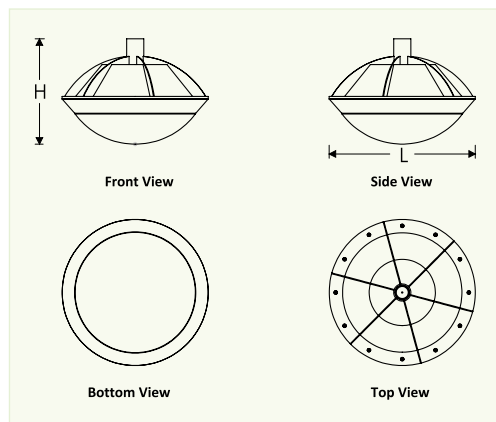
Accessories & Controls

In-built integrated electronic LED driver

Installation

Suitable for external pole dia. 40 mm

Product Code	Ordering Code	LED Wattage	System Wattage (W)	Rated Voltage (V)	Mains Current (A)	Approx Weight (Kg)	Case Lot (Nos.)
PLSL 505/ 100	PLSL 505 / 40 / 700	87	100	230	0.46	3.700	1 Nos.
PLSL 505 / 150	PLSL 505 / 60 / 700	130	150	230	0.68	5.700	1 Nos.



Product Code	Dimension in mm		Lumens
	L	H	
PLSL 505/ 100	290 Ø	225	9600
PLSL 505 / 150	355 Ø	255	14400