LED Road retro lamp 100W

The Road retro lamps come in different powers to meet the demands of diverse street lighting applications. They provide general area lighting and improve the overall illumination quality and colour re-production. The slim, low profile design adds architectural appeal to street lighting application with crisp uniform white light that offer high performance and maximizing energy savings. Equivalent to 250W metal halide street lamps.

Benefits

- Instant start up.
- No Flickering, No Humming.
- No emission of IR and UV rays.
- Long operating life of more than 50,000 hours for the LED ensures the system to be low on maintenance.
- Environment friendly, does not contain mercury (RoHS).

Features

- Cost-effective solid-state solution for area lighting applications, replacing high wattage luminaires.

- Unique heatsink passive cooling system, uses an increased cooling surface area to reduce the operating temperature of LED and Driver.

- Japan JAE connector easy driver replacement.

- Driver components from FIRST MOS (USA), MPS IC CHIP (USA), Rubycon Capacitor (JAPAN),

- Built in surge protection >4KV.

- Flame retardant casing.

- UV stabilized diffusers.

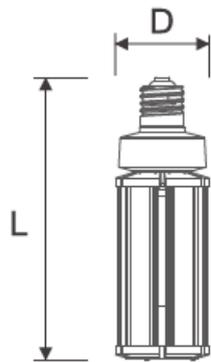- Suitable for totally enclosed fixtures.

Applications

Exterior lighting applications to replace the metal halide lamps in

- Wall pack, Acorn, Canopy lights, Garage lights.

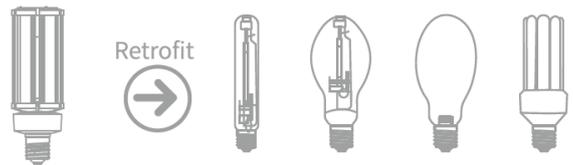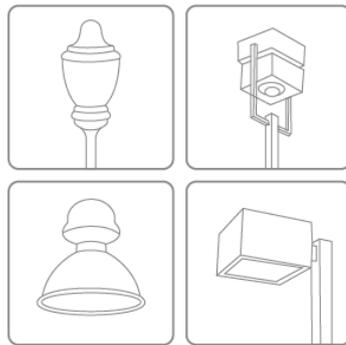- Shoe box lights, street lights, flood lights.

Specifications

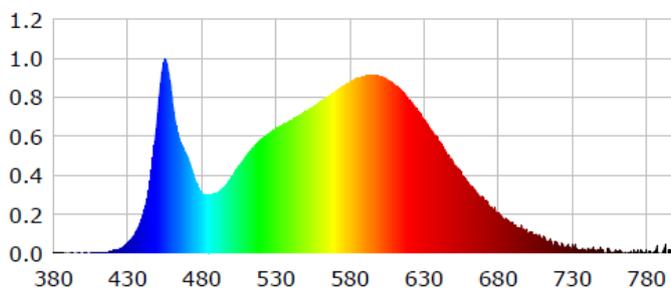|				
Model No.	S05325-100		Input Voltage	100-277 VAC
Type	Corn lamp (retrofit for MH/CMH)		Frequency	50-60Hz
Light Source	LG 2835 SMD LED		Driver	Inbuilt
Power	100W		Base	E40
Power Factor	0.9		THD	<20%
Luminous flux	15000 LM		Beam Angle	360 Degree
Luminous efficacy	150 LM/W		Life	50,000 Hrs (LM80)
CCT	4000K (840)		CRI	>85
SDCM	<5		Working Temperature	-25 to 60 Deg C
IP Rating	IP64		T Cas max (Tc)	80 Deg C
Material	Aluminium + PC diffuser		Dimming	No
Bulb finish	Clear		Dimension	L265mm X D130mm
Net weight	1.45 Kg		Warranty	5 years
Equivalent lamp power	100W LED = 210W MH or CMH		Certifications	CE, RoHS, FCC, LM79, UL

Dimensions

D-130mm, L- 285mm

Applications

Retrofit →

Photometry

Lux diagram

Height	Eavg, Emax	Angle:90.00deg	Diameter
1m	660.9,826.6lx		200.00cm
2m	165.2,206.7lx		400.00cm
3m	73.43,91.85lx		600.00cm
4m	41.31,51.66lx		800.00cm
5m	26.44,33.07lx		1000.00cm
6m	18.36,22.96lx		1200.00cm
7m	13.49,16.87lx		1400.00cm
8m	10.33,12.92lx		1600.00cm
9m	8.159,10.21lx		1800.00cm
10m	6.609,8.266lx		2000.00cm