

SLPM10

100W Roadway LED Street Light

Catalog #

Note

Type

Product Description

The SLPM10 roadway LED street light utilizes CREE LM80 LEDs and Meanwell LED driver to ensure long life and high thermal endurance for the municipality market segment with performance and style that fits into a broad range of outdoor environments. The SLPM10 LED street light accepts 120-277VAC, consumes 100W and delivers 9000 lumens at 5000K.

The SLPM10 fixture is constructed from heavy duty die-cast aluminum housing and high impact IES lens. The luminaire housing is equipped with gasket and provides a dustproof and waterproof operation, and optional with lighting control gears and photo cell sensors. The SLPM10 LED street light is suitable for applications of streets, roadways, pedestrian walkways, bikeways, parking lots, and campuses.

Performance Summary

120-277VAC Input Voltage

100W Input Power, Equivalent to 200W MH

90 LPW Efficacy

9000 Lumens Light Output

5000K Color Temperature

IES Type II, III or V Distribution Optics

50,000 Hours Lifetime

5 Years Warranty

IP65 Rated for Outdoor Application

Pole Mounting



Ordering Information

Example: SLPM10HU50K90L20TPC

MODEL	VOLTAGE	COLOR TEMP	LUMEN OUTPUT	OPTICS TYPE	OPTOINS
SLPM10 100W LED Street Light	HU 120-277VAC	50K ¹ 5000K	90L 9000LM	20T Type II 30T Type III 50T Type V	PC Photocell

Notes:

- 3000K/3500K/4000K available for special order.
- Lead times will vary depending on options selected. Consult with your sales representative.

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Features & Specifications

CONSTRUCTION & MATERIALS

- Die-cast aluminum housing
- Integral secondary heat sink to optimize thermal transfer and maximize performance and life of LED
- Driver is mounted in direct contact with the chamber for a low operating temperature and long life
- Dust and water proof

MOUNTING AND WIRING

- Mount directly on street light arm

ENVIRONMENTAL SYSTEM

- IP65 rated and suitable for outdoor locations

ELECTRICAL SYSTEM

- Integral high performance Mean Well LED driver
- Universal input voltage 120-277VAC, 50/60Hz

OPTICAL SYSTEM

- High quality shock proof PMMA lens with UV inhibitors
- IES Type II, III, V optics
- High performance CREE LEDs mounted on metal core board and integral aluminum heat sink
- Color temperature: 5000K. Other color temperature available for special order, consult factory for lead time

LIGHTING CONTROL

- Photo cell sensor available for special order, consult factory for lead time

PHYSICAL SPECIFICATION	
Dimension	567X320X126.5 mm
Housing	Die cast aluminum
Lens Type	High quality shock proof PMMA lens
Finish	Silver
Mounting	Pole mount
ENVIRONMENTAL SPECIFICATION	
Temp Range	-30-130 °F operating -40-140 °F storage
Humidity Range	20% - 85% RH
Ingress Protection	IP65
ELECTRICAL SPECIFICATION	
Input Voltage	120-277 VAC, 50/60 Hz
Input Power	100 W
Power Factor	0.9
Total Harmonic Distortion	15%
OPTICAL SPECIFICATION	
Luminous Flux	9000 lm
Efficacy	90 lm/W
CCT	5000 K
CRI	80
Optics	Type II, III, V
LIGHTING CONTROL	
Photo Cell	Optional
LONGEVITY AND WARRANTY	
L70 Life	50,000 hrs
Warranty	5 years
LISTING AND CERTIFICATES	
UL, cUL	
CE and RoHS	