

URB1000 SP Series LED Module



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The OptoElectronix[™] URB1000 SP LED Module consists of an LED light source with optics and thermal management system. Its integrated heat-sink dissipates heat away from the LED preventing output degradation. Designed for use in non-automotive vehicle lighting, it can be used in lawn mowers, snow-blowers, road sweepers etc. It is direct mountable to standard push-in and twist light bulb fitting.

Features

- No filaments, vibration proof
- Sealed construction
- Water-resistant
- Focused directional beam
- Uses high quality LEDs from reliable manufacturers
- Easy installation

Optical Features

The optical performance of the URB1000 SP is optimized to deliver light directly to the working area. Beam is focused for good illumination, coverage and minimum losses.

Operating Conditions

The URB1000 SP has a working range :

- 10 VDC to 14 VDC (URB11FL SP01).
- 9 VAC/DC to 20VAC/DC (URB12FL SP01).

Specifications

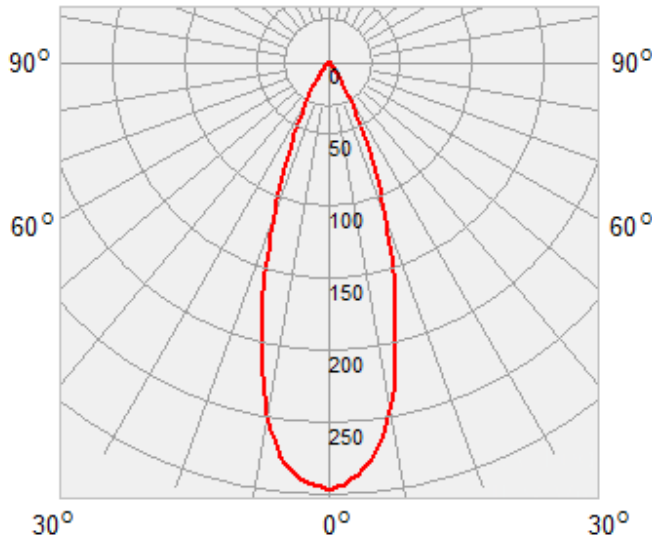
Specifications			
URB11FL SP01 K65C70L120	Min	Typical	Max
Input Voltage (volts DC)	10.00	12.00	14.00
Input Current (Amps)	0.17		
Input Power (Watts)	2.10		
Luminous Flux (lumens)	120		
Color Temperature (°K)	6500		
CRI	70		
Beam Angle (degrees)	35.0		
URB12FL SP01 K65C70L120			
Input Voltage (volts AC/DC)	9.00	14.5	20.00
Input Current (Amps)	0.17		
Input Power (Watts)	2.46		
Luminous Flux (lumens)	120		
Color Temperature (°K)	6500		
CRI	70		
Beam Angle (degrees)	35.0		

Environmental Specifications	
Operating Temperature	-20°C to +50°C
Lumens Maintenance at L70	>50,000 hours

Photometrics

Typical Photometric Distribution

URB11FL SP01 K65C70L120



Model	120lm
Center candela	299.6

URB11FL SP01 K65C70L120

2	806	1.1
4	202	2.2
6	90	3.4
8	50	4.4
10	32	5.6

Distance [ft]

Illuminance [lx]

Cone Diameter [ft]

Model	120lm
Distance [ft]	[lx]
2	806.0
4	202.0
6	90.0
8	50.0
10	32.0

Mechanicals

[inches]
mm

