

60 WATT LED FOCUS LIGHT



Actual Product Image May Differ

Applications:

Area: Outdoor

Purpose: Street and Roadway Lighting.

Features:

(1) Optical

- » Optical pattern meets all standard Focus Light Standards.
- » Uniform illuminance distribution.

(2) Power

- » Switched mode constant current power supply.
- » Current THD <10%, Voltage THD <5%.
- » Power Factor is >0.9 @60 W full load.
- » Over-heat, Over-voltage, Over-current protections are provided.
- » Lightning Protection provided.

(3) Thermal

- » Luminaire surface temperature is 48°C @ Ta=30°C, the temperature variation is controlled under 5°C.
- » Junction temperature is controlled at 70°C @ Ta=30.
- » Overheat protection will operate to adjust as the LED module surface reaches 80°C.

(4) Luminaire

- » Optimized thermal design to ensure maximum life to LED. The Heat sink grade aluminium has the highest surface area for efficient heat diffusion and the entire luminary with Aluminium acts as heat sink.
- » Dust and water protection design meeting IP65 standards.
- » Super-high luminaire efficacy 70lm/W.

DETAILED TECHNICAL SPECIFICATION

PARAMETER	DRIVER RESULT
Input Voltage	160 - 260 VAC
Rated Power	60W
Maximum Power	70W
Output Ripple And Noise	1%
Operating Frequency	100 to 200 KHz
Temperature Coefficient	±0.02%/°C typ
Over-Current Protection	Inbuilt
Short-Circuit Protection	Inbuilt
Over-Voltage Protection	Inbuilt
Over-Temperature Protection	135 °C
Operating Temperature Range	-25°C to +70°C
Storage Temperature Range	-65°C to 125°C
Humidity	95% RH
Power Factor	>0.90
Efficiency	>88%
Certification	CPRI
Led Make	OSRAM/CREE/LUMILED LED
No Of LED's	36
Led Viewing Angle	120° by using reflector
Colour Temperature	Cool White (5500 to 6500K)
Luminous Flux	>6000 Lumens
Life Span	> 80,000 Hours
Colour Rendering Index	>70 Ra

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