



LED Spotlight Engine

Light Source

- ✿ 3 High Power Light Emitting Diodes (LEDs – each 1 Watt)
- ✿ Similar output as 20 Watt incandescent bulb
- ✿ Colors: Cool White, Warm White, Red and Cyan



✿ Model-IL5A000

- ✿ 10 – 30 VAC/VDC
- ✿ Fully integrated with driver electronics and heat sink
- ✿ Rugged and Sealed
- ✿ 2.25" Round
- ✿ High efficiency optics: 40 degree beam
- ✿ For Vehicle Interior Lighting, Outdoor Lighting, Architectural Lighting, Portable Lighting, Task Lighting, Track Lighting, Point of Purchase, Cabinet and Display Case Lighting



Application Example

Features:

- ✿ Low power consumption: Less than 6 Watts
- ✿ Input Power: 10 – 30 VDC/VAC
- ✿ Long Life – 50,000 hours (in typical environment)
- ✿ Color temperature and light output remain constant over entire voltage range
- ✿ Sealed unit – resistant to humidity and moisture
- ✿ No IR or UV emissions
- ✿ Spike/transient protection
- ✿ Power factor correction
- ✿ EMI filtering
- ✿ PWM (Pulse Width Modulation) interface for full range of dimming (contact CML for dimmer control accessory)
- ✿ Anodized Aluminum Housing – resists corrosion
- ✿ Two engagement pins for mounting
- ✿ Shock & vibration resistant
- ✿ Acrylic lens



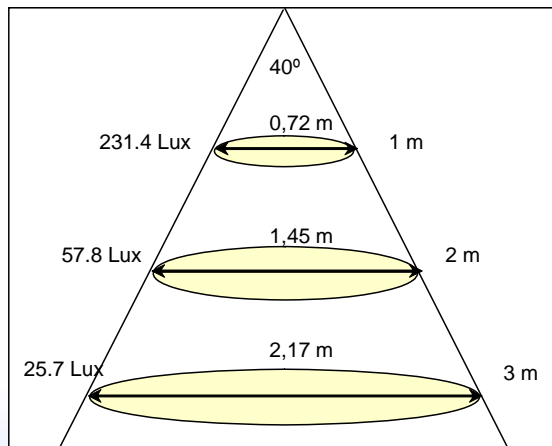
Specifications

	Model:	ILL5A0001B	ILL5A0001A
	Color:	Cool White (5500K)	Warm White (3800K)
	Input Current: @ 12V	500mA	500mA
	Net Weight: Typical	150g (5.3 oz)	
	Model:	ILL5A0001G	ILL5A0001D
	Color:	Red: 625nm typical	Cyan: 495nm typical
	Input Current: @ 12V	500mA	500mA
	Net Weight: Typical	150g (5.3 oz)	

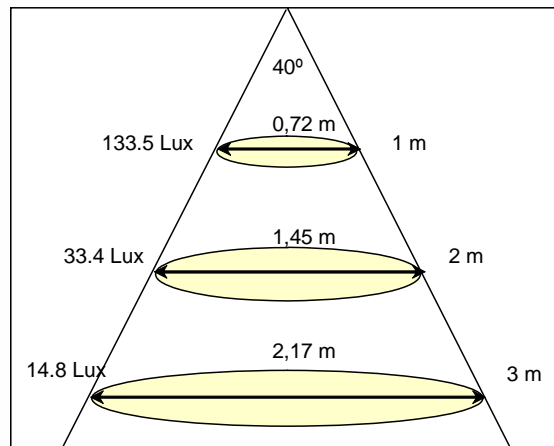
Other Operating Specifications:

- Operating temperature: -40 to +55 °C
- Project life (50,000 hours) 70% lumen maintenance and at average 25°C ambient temperature

Photometric Data



Model: xxx Cool White



Model: xxx Warm White