

Products

LED Modules

CML IT LED Modules are available in various sizes, shapes and colors and utilize the CML-IT line of high quality LEDs. The features are easy handling, compact construction, long life span and low maintenance cost, constant current regulation and no IR & UV radiation.



Part Number: ILL3A0003I
Serial Number: 4 Watt LED Module
Type: circle module
Size: 14
Color: warm white
Number LED: 3
Dom wave length: 3250K
Viewing Angle (°): 24
Iv per LED:
Op. voltage (V):
Power Consumption: 3.8
Voltage tolerance (%):
Op. temperature (°C):
Storage temperature (°C):
Narrative:
RoHS Status: Yes

4 Watt LED Module

Light Source

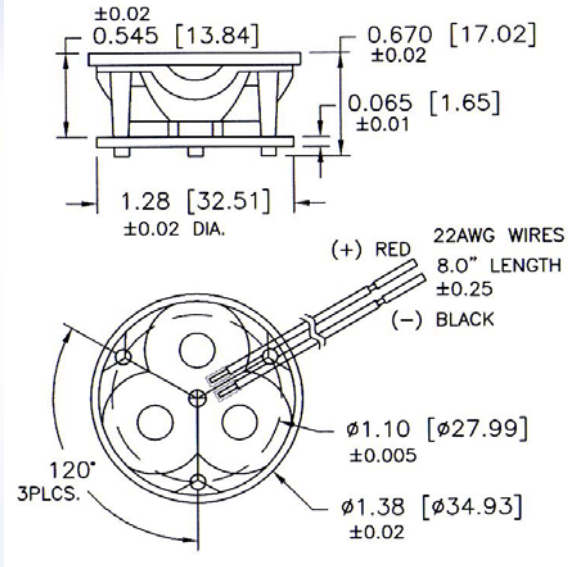
- ✿ 3 High Power Light Emitting Diodes (1 Watt LEDs)
- ✿ Colors: Cool White, Warm White, Blue, Cyan, Green, Amber and Red
- ✿ Consistent unit-to-unit color temperature



- ✿ **Model-ILL3A0003**
- ✿ 1.38" (35mm) round compact source
- ✿ Operating life 50,000 hours
- ✿ High efficiency optics: 11 or 24 degrees (see "Photometric Data")
- ✿ Metal Clad PCB Substrate
- ✿ 8" power leads
- ✿ Compatible with range of standard and custom drivers
- ✿ For Spot Lighting, Landscape Lighting, Architectural Lighting, Portable Lighting, Task Lighting, Track Lighting, Point of Purchase, Cabinet and Display Case Lighting

P/N ILL3A003* * =Color and (11° or 24°) Optics	Color	Color Temp - Dominant Wavelength	Typical Luminous Flux (Lumens)	Design Current (mA)	Luminous Intensity (cd)	Power Consumption (Watts)
ILL3A0003(A or H)	Cool White	6400K +/- 600K	96	350	2,142.00 (A) 592.00 (H)	3.8
ILL3A0003(B or I)	Warm White	3250K +/- 250K	48	350		3.8
ILL3A0003(C or J)	Blue	470nm	29	350		3.8
ILL3A0003(D or K)	Cyan	505nm	96	350		3.8
ILL3A0003(E or L)	Green	530nm	96	350		3.8
ILL3A0003(F or M)	Amber	589nm	101	350		2.8
ILL3A0003(G or N)	Red	625nm	105	350		2.8

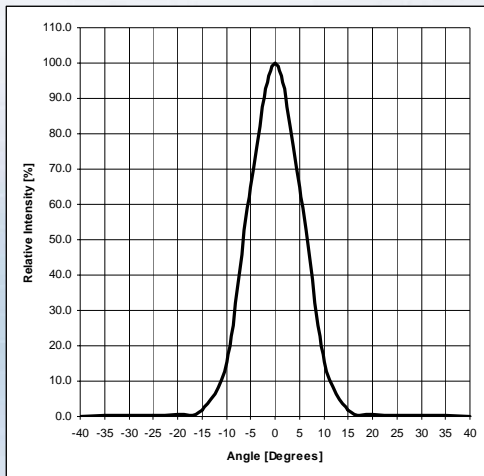
Specifications



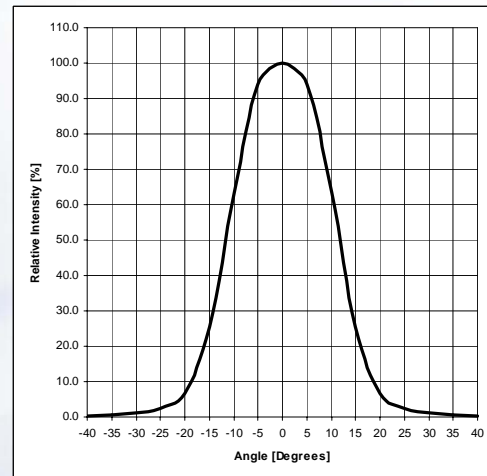
Operating Specifications:

- Operating PCB temperature: 65 °C (Recommended)
- Maximum PCB temperature: 100 °C
- Thermal Resistance (Rthj-a): 31 °C/W
- Projected life: 50,000 hours (70% lumen maintenance at 65 °C)
- * Additional heat sinking required, refer to CML technical support for thermal management guidelines

Photometric Data



Radiation Pattern with 11° optic (CW)



Radiation Pattern with 24° optic (CW)