CML INNOVATIVE TECHNOLOGIES
WHERE INNOVATION COMES TO LIGHT

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: ILL2A0005C
Serial Number: 8 Watt LED Strip
Type: bar module
Size: 302x13
Color: blue
Number LED: 6
Dom wave length: 470
Viewing Angle (°):
Iv per LED:
Op. voltage (V):
Power Consumption: 7.5
Voltage tolerance (%):
Op. temperature (°C):
Storage temperature (°C):
Narrative:
RoHS Status: Yes

CML INNOVATIVE TECHNOLOGIES
WHERE INNOVATION COMES TO LIGHT

8 Watt LED Strip

Light Source

* 6 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-ILL2A0005

* 11.9″ (302mm) x 0.5″ (13mm) strip
* Operating life 50,000 hours
* Metal Clad PCB Substrate
* 8″ power leads
* Compatible with range of standard and custom drivers
* For Decorative Edge Lighting, Cove Lighting, Architectural Lighting, Task Lighting, Point of Purchase, Cabinet and Display Case Lighting

P/N	Color	Color Temp - Dominant Wavelength	Typical Luminous Flux (Lumens)	Design Current (mA)	Power Consumption (Watts)
ILL2A0005A	Cool White	6000K +/- 250K	240	350	7.5
ILL2A0005B	Warm White	3300K +/- 250K	120	350	7.5
ILL2A0005C	Blue	470nm	72	350	7.5
ILL2A0005D	Cyan	505nm	240	350	7.5
ILL2A0005E	Green	530nm	240	350	7.5
ILL2A0005F	Amber	589nm	252	350	5.5
ILL2A0005G	Red	625nm	264	350	5.5

CML INNOVATIVE TECHNOLOGIES
WHERE INNOVATION COMES TO LIGHT
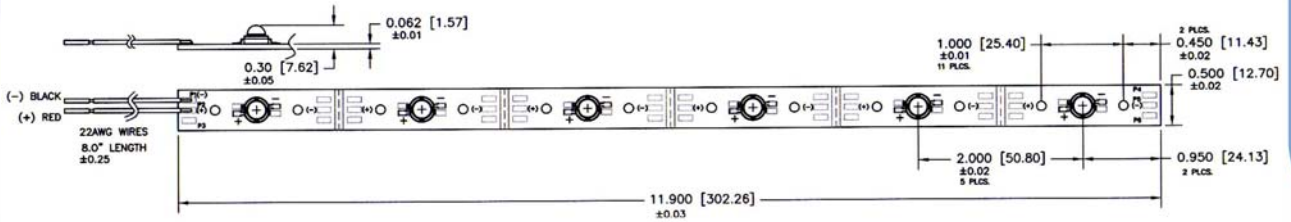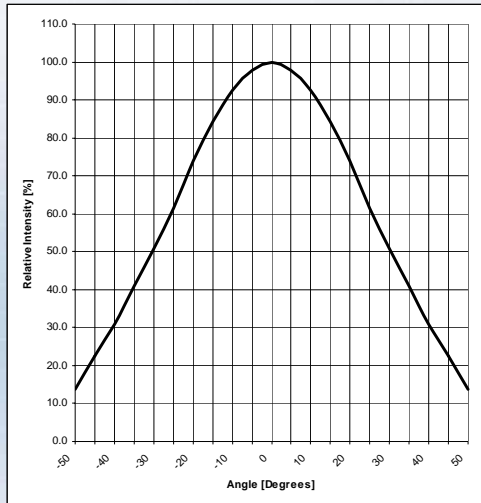
Specifications

Operating Specifications:

- Operating PCB temperature: 65 °C (Recommended)

- Maximum PCB temperature: 100 °C

- Thermal Resistance (Rthj-a): 8.4 °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 (in line – parallel) (CW)
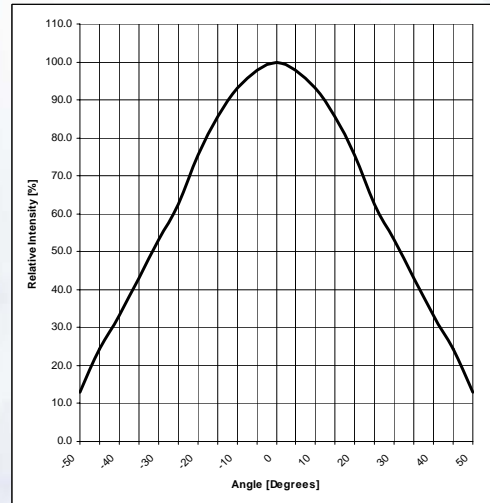
Radiation Pattern (orthogonal) (CW)