



Characteristics

- 1) DC Barrel Connector female Jack accepts 2.1mm x 5.5mm plug with center positive.
- 2) Body shell: ABS (black), with light surface texture. Color dot on body indicates LED color.
- 3) Volts DC (VDC): 9-12 nominal (continuous), Max 12.5
- 4) Current (ref.): 20ma @ 9 VDC, 28ma @ 12 VDC, 35ma Max. Typical 9 volt battery operating time is greater than 12 hours.
- 5) Power (nominal): 0.18 watts at 9 VDC, 0.34 watts at 12 VDC, 0.44 watts Max.
- 6) Output pattern: high intensity spot, 30 degree clear lens

LED Color	Part Number	Color Spec. Ref.	Intensity Ref.
Warm White	MEL-WW	3,200 Kelvin	3 lumen
Pure Red	MEL-PR	x=0.65 / y=0.31	2,500 mcd
Pure Green	MEL-PG	520nm	5,000 mcd
Pure Blue	MEL-PB	467nm	5,000 mcd
Sunset Amber	MEL-SA	597nm	5,000 mcd
Pure Orange	MEL-PO	605nm	2,500 mcd
Purple - Magenta	MEL-PM	x=0.460 / y=0.217	4,000 mcd
Blacklight (violet)	MEL-BL	405nm (x=0.178 / y=0.036)	12mW

Notes and Cautions:

- 1) The body measures a nominal 1.42" length x 0.48" diameter.
- 2) Power connection is via DC barrel connectors 2.1mm X 5.5mm, plug / male (not included)
- 3) For use in moisture protected environment. RoHS, PB-Lead free
- 4) Intense light source, for eye safety do not look directly into the beam at close range.
- 5) Observe correct polarity when connecting power, damage may result from unintended reverse polarity.
- 6) This lighting device is static sensitive, retain protective shipping bag for storage to protect from ESD (Electro Static Discharge) damage.

Mating Connector style

Plug 2.1mm X 5.5mm

