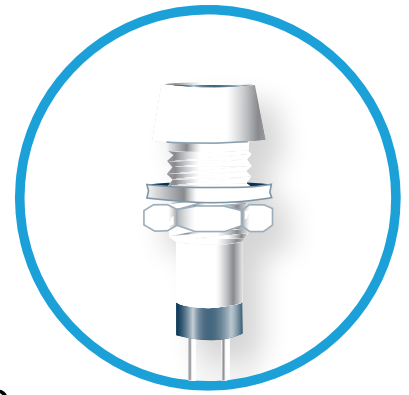




PMRL125 Series 0.230" (5.84mm) Recessed LED Panel Indicator



LED indicator with reflective recessed bezel, single or bi-color LED
Voltage: 2VDC - 120VAC, water-tight option

Key features

- Mounting hole size: 0.230" (5.84mm)
- Maximum panel thickness: .125" (PMRL), .070" (PMRL125, water-tight)
- Recessed reflective bezel
- Voltage: 2-60 VDC or 120VAC
- Terminals: Bi-pin or wire leads (6" wire leads, 24 AWG)
- Available with a variety of LEDs including AlInGaP and InGaN technology for high brightness applications, single color, bi-color and with integrated resistors
- T-1 (3mm) LED
- Available in five LED single colors: red, amber, green, blue and white
- Available in one bi-color: red/green
- Low power consumption - uses up to 90% less energy than an incandescent indicator
- Reflective chrome-plated body
- Mounts with hex nut and washer (included)
- Suitable for high vibration applications
- LEDs operate significantly cooler than traditional lamps
- Compliant with RoHS and REACH

- Reflective Chrome-Plated Body - Mounting Hardware Provided - For Detailed LED Data, See Discrete Section, MODEL 125
- Maximum Panel Thickness .125"(PMRL125); .070"(PMRL125, Water-Tight)

1	Model	Wires
	PMRL125	W (optional)

TO ORDER, FOLLOW THE EXAMPLE:

Select one BOLD component from each numbered category in the tables below.								
1	Model	Wire	2	LED	3	Voltage	4	Water Tight
	PMRL125	W		-BCG		12H		

→Part Number **PMRL125W-BCG12H**

STANDARD INTENSITY - DIFFUSED ENCAPSULATION						
2	LED	Color	λpk (nm)	Iv^[1] (mcd)	Viewing Angle	V/C Table^[2]
	-BR	RED	635	14	60	I
	-BA	AMB	583	14	60	I
	-BG	GRN	565	14	60	I

Voltage/Current	
Design Vf/If	Max Vf/If
V/C Table I	
5V/22mA	5.5V/28mA
12V/20mA	14V/25mA
15V/24mA	16.5V/28mA
24V/17mA	26V/20mA
28V/16.5mA	30V/18mA
48V/15mA	50V/16mA
60V/9mA	65V/10mA
120VAC/3.5mA	130VAC/4mA

3	Voltage^[3]
	2
	5H
	12H
	15H
	24H
	28H
	48H
	60H
	120 ^[4]

MEDIUM INTENSITY - TINTED ENCAPSULATION						
	LED	Color	λpk (nm)	Iv^[1] (mcd)	Viewing Angle	V/C Table^[2]
	-BCR	RED	635	60	45	I
	-BCA	AMB	583	30	45	I
	-BCG	GRN	565	44	45	I

Voltage/Current	
Design Vf/If	Max Vf/If
V/C Table II	
5V/15mA	5.5V/23mA
12V/15mA	14V/20mA
15V/15mA	16.5V/18mA
24V/15mA	26V/18mA
28V/15mA	30V/17mA
48V/9.5mA	50V/10mA
60V/7mA	65V/8mA
120VAC/3.5mA	130VAC/4mA

4	Water Tight^[5]
	-WT (optional)

HIGH INTENSITY - WATERCLEAR ENCAPSULATION						
	LED	Color	λpk (nm)	Iv^[1] (mcd)	Viewing Angle	V/C Table^[2]
	-NWR	RED	634	2180	35	I
	-NWA	AMB	592	2180	35	I
	-NWG	GRN	520	2000	45	II
	-NWB	BLU	465	600	45	II
	-NWW	WHT		1100	55	II

SPECIALTY LEDs - DIFFUSED ENCAPSULATION							
	LED	Color	λpk (nm)	Iv^[1] (mcd)	Viewing Angle	V/C Table^[2]	Description
	-RLP ^[6]	RED	635	2.1	50	[2]	Low Power
	-ALP ^[6]	AMB	583	1.6	50	[2]	Low Power
	-GLP ^[6]	GRN	565	2.1	50	[2]	Low Power
	-RG	RED/GRN	630/565	5.0/5.0	72	I	Bi-Color, Red Cathode

[1] Iv = typical luminous intensity @ If = 20mA (Ta = 25°C). For Low Power LEDs, If = 2mA.

[2] See Voltage/Current table for design specifications. Design current for low power LEDs = 2mA.

[3] Ta = 25°C. Voltage "2" indicates external resistor required. Voltages 5H through 60H are VDC. For AC operation, insert D after Voltage (e.g. 24HD). D indicates built-in rectifier, not required for 5H or 120VAC. DC operation not available for 120VAC. Bi-Color not available in AC voltages.

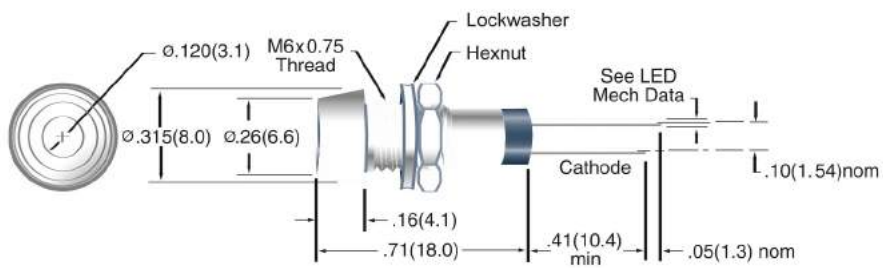
[4] Select high intensity LEDs only.

[5] Drip-proof (not submersible), supplied with two neoprene gaskets.

[6] Omit H when selecting a voltage (e.g. PMRL125-RLP12).



PMRL125



Standard Wire Leads:

6.0" total length(nominal)/.50" stripped (nominal), red anode/black cathode, 24 AWG TPB UL1061 insulation. Contact factory for other lengths, gauges and colors.

All dimensions are in inches (mm)

Tolerances: $.xx(.x) \pm .025(.63)$ / $.xxx(.xx) \pm .010(.25)$
 Specifications are subject to change without notice.