

.230" PANEL MOUNT REFLECTOR

T-1, Water-Tight Optional

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

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	λ_{pk} (nm)	$I_v^{[1]}$ (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

MEDIUM INTENSITY - TINTED ENCAPSULATION					
LED	Color	λ_{pk} (nm)	$I_v^{[1]}$ (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

HIGH INTENSITY - WATERCLEAR ENCAPSULATION					
LED	Color	λ_{pk} (nm)	$I_v^{[1]}$ (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

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

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

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

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

SPECIALTY LEDs - DIFFUSED ENCAPSULATION						
LED	Color	λ_{pk} (nm)	$I_v^{[1]}$ (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] I_v = typical luminous intensity @ I_f = 20mA (T_a = 25°C). For Low Power LEDs, I_f = 2mA.

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

[3] T_a = 25°C. Votalge "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.

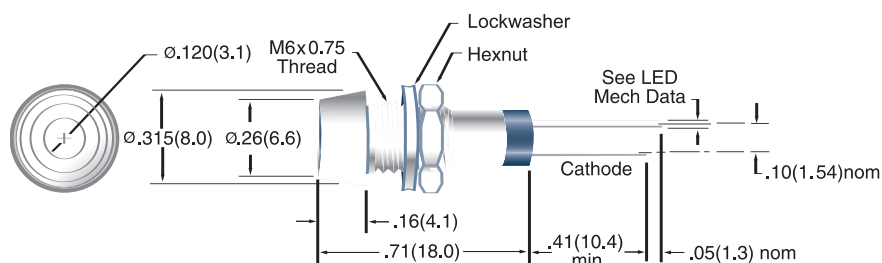
[4] Select high intensity LEDs only.

[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.

Mouser Electronics

Authorized Distributor

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VCC:

[PMRL125W-BG28H](#) [PMRL125W-NWG12H](#) [PMRL125W-BCG5H](#) [PMRL125W-NWG15H](#) [PMRL125W-RG5H-WT](#)
[PMRL125-NWR28H-WT](#) [PMRL125W-BG2-WT](#) [PMRL125W-NWA120-WT](#) [PMRL125W-BA2-WT](#) [PMRL125-BG28H](#)
[PMRL125-BA2](#) [PMRL125W-BCG28H](#) [PMRL125W-NWR12H-WT](#) [PMRL125W-BG12H-WT](#) [PMRL125W-BG15H](#)
[PMRL125W-NWG12H-WT](#) [PMRL125W-BR2-WT](#) [PMRL125W-BG2](#) [PMRL125-BG2](#) [PMRL125-BR5H-WT](#)
[PMRL125W-BCR2](#) [PMRL125W-NWR120](#)