



Data Display Products®

# .230" PANEL MOUNT REFLECTOR

T-1, Built-In Resistor, Water-Tight Option

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

Model	Wires		LED				Voltage <sup>[4]</sup>	Water-Tight <sup>[6]</sup>	
			Color	$\lambda_{pk}$ (nm)	Iv <sup>[1]</sup> (mcd)	Tint <sup>[2]</sup>			V <sup>[3]</sup>
PMRL125	W Optional	-ER	RED	660	48	D		5H	-WT Optional
		-ECR	RED	660	60	C		12H	
		-PCR	RED	660	80	C		15H	
		-RQ	RED	654	340	W		24H	
		-BR	RED	635	14	D		28H	
		-BCR	RED	635	60	C		48H	
		-EA	ORG	605	18	D		60H	
		-ECA	ORG	605	24	C		120 <sup>[5]</sup>	
		-PCA	ORG	605	40	C			
		-AQ	AMB	592	200	W			
		-BA	AMB	583	14	D			
		-BCA	AMB	583	30	C			
		-EAY	AMB	580	18	D			
		-ECAY	AMB	580	24	C			
		-PCAY	AMB	580	40	C			
		-EY	YEL	570	30	D			
		-ECY	YEL	570	48	C			
		-PCY	YEL	570	60	C			
		-BG	GRN	565	14	D			
		-BCG	GRN	565	44	C			
		-EG	GRN	555	8	D			
		-ECG	GRN	555	15	C			
		-PCG	GRN	555	20	C			
		-NWG	GRN	520	1,000	W			
-NWB	BLU	465	300	W					
		<i>Specialty LEDs</i>				<i>Description</i>			
		-RLP <sup>[7]</sup>	RED	635	2.1	D	<sup>[3]</sup>	Low Power	
		-ALP <sup>[7]</sup>	AMB	583	1.6	D	<sup>[3]</sup>	Low Power	
		-GLP <sup>[7]</sup>	GRN	565	2.1	D	<sup>[3]</sup>	Low Power	
		-RG	R/G	630/565	5/5	D		Bi-Color, Red Cathode	

Voltage/Current	
Design Vf/If	Max Vf/If
<b>Table I</b>	
5V/27mA	5.5V/40mA
12V/27mA	14V/35mA
15V/24mA	16.5V/28mA
24V/17mA	28V/20mA
28V/16.5mA	30V/18mA
48V/15mA	50V/16mA
60V/9mA	65V/10mA
120VAC/3.5mA	130VAC/4mA

Table II	
5V/15mA	6V/26mA
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/4.0mA

- [1] Iv = typical luminous intensity @ If = 20mA (Ta = 25°C). For Low Power LEDs, If = 2mA.
- [2] D = Diffused, C = Clear tinted, W = Water Clear.
- [3] See Voltage/Current table for design specifications. Design current for low power LEDs = 2mA.
- [4] Ta = 25°C. Voltages 5H through 60H are VDC. For AC operation, insert D after Voltage (e.g. 24HD). D indicates built-in rectifier, not required for 15H or less, or 120VAC. DC operation not available for 120VAC. Bi-Color not available in AC voltages.
- [5] Select LEDs with mcd  $\geq$  200.
- [6] Drip-proof (not submersible).
- [7] Omit H when selecting a voltage (e.g. PMRL125-RLP12).

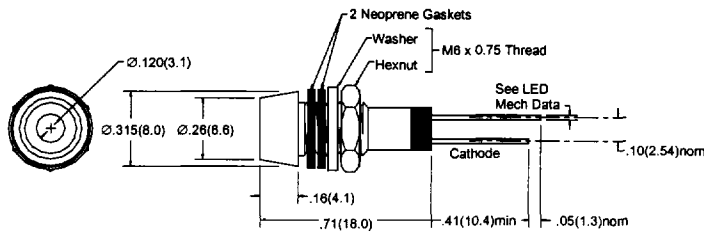
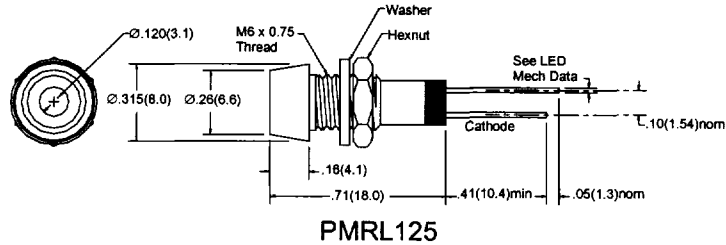
**To Order:** Select one **BOLD** component from each SHADED column in the table except as noted.  
**Example:** Part Number **PMRL125W-BCG12H**:

Model	Wires	LED	Voltage
PMRL125	W	<b>-BCG</b>	<b>12H</b>



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# .230" PANEL MOUNT REFLECTOR T-1, Built-In Resistor, Water-Tight Optional



**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.