



Data Display Products®

.312" PANEL MOUNT REFLECTOR

T-1¾, Built-In Resistor, Water-Tight Optional

- Reflective Nickel-Plated Body
- Mounting Hardware Provided
- Maximum Panel Thickness .160"(PMRL200); .100"(PMRL200, Water-Tight)
- For Detailed LED Data, See Discrete Section, MODEL 200

Model	Wires	LED						Voltage ^[4]	Water-Tight ^[5]
		Color	λpk (nm)	Iv ^[1] (mcd)	Tint ^[2]	V ^[3]			
PMRL200	W Optional	-ER	RED	660	30	D	I	5H	-WT Optional
		-ECR	RED	660	160	C	I	12H	
		-BR	RED	635	14	D	I	15H	
		-BCR	RED	635	120	C	I	24H	
		-NWR	RED	635	900	W	I	28H	
		-R6K	RED	635	6,500	W	I	48H	
		-NWO	ORG	609	1,300	W	I	60H	
		-O8K	ORG	609	8,000	W	I	120 ^[5]	
		-EA	ORG	605	24	D	I		
		-ECA	ORG	605	90	C	I		
		-NWA	AMB	592	1,300	W	I		
		-A9K	AMB	592	9,300	W	I		
		-BA	AMB	583	16	D	I		
		-BCA	AMB	583	100	C	I		
		-EAY	AMB	580	24	D	I		
		-ECAY	AMB	580	90	C	I		
		-EY	YEL	570	45	D	I		
		-ECY	YEL	570	160	C	I		
		-BG	GRN	565	10	D	I		
		-BCG	GRN	565	140	C	I		
		-EG	GRN	555	12	D	I		
		-ECG	GRN	555	80	C	I		
		-NWG	GRN	520	1,200	W	II		
		-G5K	GRN	520	5,000	W	II		
		-NWB	BLU	465	325	W	II		
		-B1K	BLU	465	1,000	W	II		
<i>Specialty LEDs</i>								<i>Description</i>	
		-RLP ^[7]	RED	635	2.3	D	[3]	Low Power	
		-ALP ^[7]	AMB	583	2.1	D	[3]	Low Power	
		-GLP ^[7]	GRN	565	2.3	D	[3]	Low Power	
		-LRG	R/G	660/565	70/32	D	I	Bi-Color, Green Cathode	
		-RAG ^[8]	R/A/G	630/565	6/6/6	D	I	Tri-Color, Common Cathode	
		-GAR ^[8]	G/A/R	635/565	5/5/5	D	I	Tri-Color, Common Anode	

Voltage/Current	
Design Vf/If	Max Vf/If
Table I	
5V/27mA	5.5V/40mA
12V/27mA	14V/35mA
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

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/9mA	65V/10mA
120VAC/3.5mA	130VAC/4mA

- [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 120V. Bi-Color and Tri-Color not available in AC voltages.
 [5] Select LEDs with mcd ≥ 325.
 [6] Drip-proof (not submersible).
 [7] Omit H when selecting a voltage (e.g. PMR200-RLP12).
 [8] -RAG Wire Leads: green anode/black cathode/red anode. -GAR Wire Leads: green cathode/black cathode/red anode.

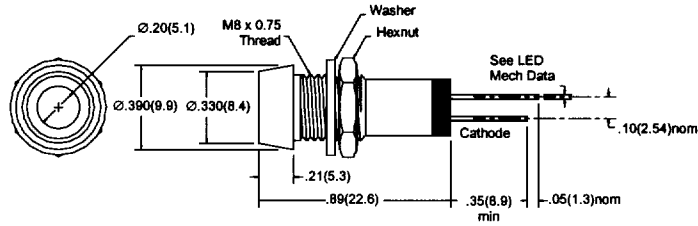
To Order: Select one **BOLD** component from each SHADED column in the table except as noted.
Example: Part Number **PMRL200W-BCA12H:**

Model	Wires	LED	Voltage
PMRL200	W	-BCA	12H

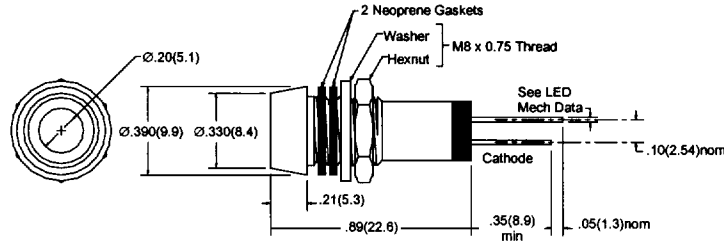


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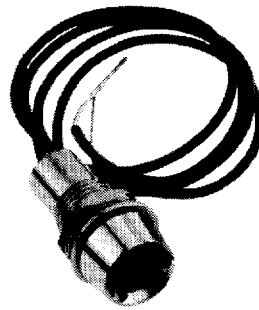
.312" PANEL MOUNT REFLECTOR T-1 3/4, Built-In Resistor, Water-Tight Optional



PMRL200



PMRL200, Water-Tight



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

All dimensions are in inches(mm)
Tolerances: .xx"(x) ±.025"(.63) / .xxx"(xx)±.010"(.25)
Specifications are subject to change without notice.