

PMRL200 Series 0.312" (7.93mm) Recessed LED Panel Indicator

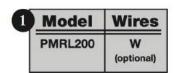


LED indicator with reflective bezel, available with single, bi-color or tri-color Voltage: 2VDC - 120VAC, water-tight option

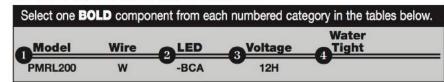
Key features

- Mounting hole size: 0.312" (7.93mm)
- · Maximums panel thickness: .160" (PMRL200), .100" (PMRL200, water-tight)
- Recessed bezel LED
- Reflective chrome-plated body
- Voltage: 2-60 VDC or 120VAC
- Terminals: Bi-pin or wire leads (6" wire leads, 24 AWG)
- Available with a variety of LEDs including AllnGaP and InGaN technology for high brightness applications, single color, bi-color and with integrated resistors
- T-1 3/4 (5mm) LED
- · Available in six LED single colors: red, amber, green, orange, blue, and white
- Available in one bi-color: red/green
- Available in two tri-color: red/amber/green or green/amber/red
- Low power consumption uses up to 90% less energy than an incandescent indicator
- 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 .160"(PMRL200); .100"(PMRL200, Water-Tight)



TO ORDER, FOLLOW THE EXAMPLE:



→ Part Number PMRL200W-BCA12H

LED	Color	λpk (nm)	lv ^[1] (mcd)	Viewing Angle	V/C Table ^[2]
-BR	RED	635	14	60	
-BA	AMB	583	16	60	1
-BG	GRN	565	10	60	1

MEDIU	M INTENS	ITY - TIN	TED EN	CAPSULAT	FION
LED	Color	λ pk (nm)	[v[1] (mcd)	Viewing Angle	V/C Table ^[2]
-BCR -BCA -BCG	RED AMB GRN	635 583 565	120 100 80	35 35 24	1 1

HIGH IN	TENSITY -	WATERC	LEAR EN	ICAPSUL	ATION
LED -NWR -NWO -NWA	Color RED ORG AMB	λ pk (nm) 634 605 592	Iv[1] (mcd) 2800 2000 2800	Angle 30 30 30 30	V/C Table ^[2]
-NWG -NWB -NWW -NWL -NKR -NKO -NKA	GRN BLU CWHT WWHT RED ORG AMB	592 520 465 634 605 592	2400 700 2500 1800 3600 8000 3600	45 45 50 50 15 15	=======================================
-NKG -NKB -NKW -NKL	GRN BLU CWHT WWHT	520 465	10000 3000 9200 9200	15 15 20 15	

Voltage/	Current
Design	Max
Vf/lf	Vf/If
V/C Ta	able 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/lf	Max Vf/lf		
V/C Ta	ble 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		

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

4	Water Tight ^[5]	
	-WT (optional)	-20

SPECIALTY LEDs - DIFFUSED ENCAPSULATION							
LED	Color	λ pk (nm)	Iv ^[1] (mcd)	Viewing Angle	V/C Table ^[3]	Description	
-RLP ^[6] -ALP ^[6] -GLP ^[6] -LRG -RAG ^[7] -GAR ^[7]	RED AMB GRN RED/GRN RED/AMB/GRN GRN/AMB/RED	635 583 565 660/565 630/565 635/565	2.3 2.1 2.3 90/40 6/6/6 5/5/5	50 50 50 60 60 50	[3] [3] [3] 	Low Power Low Power Low Power Bi-Color, Green Cathode Tri-Color, Common Cathode Tri-Color, Common Anode	

- [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 requird. 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 120V. Bi-Color and Tri-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. PMR200-RLP12).
- [7] -RAG Wire Leads: green anode/black cathode/red anode, -GAR Wire Leads: green cathode/black anode/red cathode. Tri-Color 5 or 12 volt, omit H from part number.

