



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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.312" PANEL MOUNT REFLECTOR

T-1³/₄, Water-Tight Optional

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

1	Model	Wires
	PMRL200	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
	PMRL200	W		-BCA		12H		

→Part Number **PMRL200W-BCA12H**

STANDARD INTENSITY - DIFFUSED ENCAPSULATION						
2	LED	Color	λ_{pk} (nm)	Iv ^[1] (mcd)	Viewing Angle	V/C Table ^[2]
	-BR	RED	635	14	60	I
	-BA	AMB	583	16	60	I
	-BG	GRN	565	10	60	I

MEDIUM INTENSITY - TINTED ENCAPSULATION						
2	LED	Color	λ_{pk} (nm)	Iv ^[1] (mcd)	Viewing Angle	V/C Table ^[2]
	-BCR	RED	635	120	35	I
	-BCA	AMB	583	100	35	I
	-BCG	GRN	565	80	24	I

HIGH INTENSITY - WATERCLEAR ENCAPSULATION						
2	LED	Color	λ_{pk} (nm)	Iv ^[1] (mcd)	Viewing Angle	V/C Table ^[2]
	-NWR	RED	634	2800	30	I
	-NWO	ORG	605	2000	30	I
	-NWA	AMB	592	2800	30	I
	-NWG	GRN	520	2400	45	II
	-NWB	BLU	465	700	45	II
	-NWW	CWHT		2500	50	II
	-NWL	WWHT		1800	50	II
	-NKR	RED	634	3600	15	I
	-NKO	ORG	605	8000	15	I
	-NKA	AMB	592	3600	15	I
	-NKG	GRN	520	10000	15	II
	-NKB	BLU	465	3000	15	II
	-NKW	CWHT		9200	20	II
	-NKL	WWHT		9200	15	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)	Iv ^[1] (mcd)	Viewing Angle	V/C Table ^[3]	Description
-RLP ^[6]	RED	635	2.3	50	[3]	Low Power
-ALP ^[6]	AMB	583	2.1	50	[3]	Low Power
-GLP ^[6]	GRN	565	2.3	50	[3]	Low Power
-LRG	RED/GRN	660/565	90/40	60	I	Bi-Color, Green Cathode
-RAG ^[7]	RED/AMB/GRN	630/565	6/6/6	60	I	Tri-Color, Common Cathode
-GAR ^[7]	GRN/AMB/RED	635/565	5/5/5	50	I	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 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 120V. Bi-Color and Tri-Color not available in AC voltages.

[4] Select high intensity LEDs only

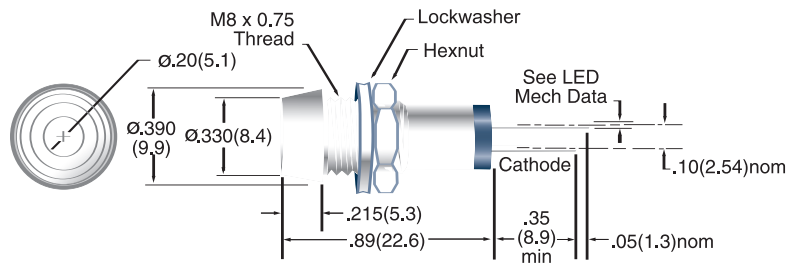
[5] Drip-proof (not submersible), supplied with two neoprene gaskets.

[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.



PMRL200



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) ±.025"(.63) / .xxx"(.xx)±.010"(.25)
Specifications are subject to change without notice.