

.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 | | | | | | |
|---|------------|--------------|------------------------|----------------------|------------------|-----------------------------|
| 2 | 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 | | | | | | |
|---|------------|--------------|------------------------|----------------------|------------------|-----------------------------|
| 2 | 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 | 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 | | | | | | | |
|---|---------------------|--------------|------------------------|----------------------|------------------|-----------------------------|-----------------------|
| 2 | 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 @ $I_f = 20mA (T_a = 25^\circ C)$. For Low Power LEDs, $I_f = 2mA$.

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

[3] $T_a = 25^\circ C$. 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 120VAC. Bi-Color not available in AC voltages.

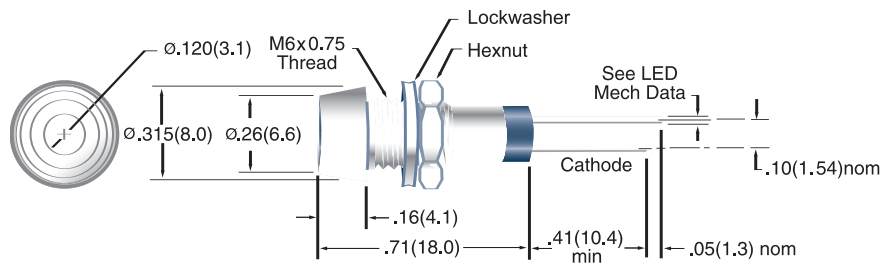
[4] Select high intensity LEDs only.

[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.