

# .156" SNAP-IN PANEL LIGHT

T-1

- Mounting Diameter .155"(3.94) to .158"(4.01) - For Panels .031"(.79) to .125" (3.18) Thick - For Detailed LED Data, See Discrete Section, MODEL 125

<b>1</b>	<b>Model</b>	<b>Wires</b>
	P205	W (optional)

**TO ORDER, FOLLOW THE EXAMPLE:**

Select one **BOLD** component from each numbered category in the tables below.

<b>1</b>	<b>Model</b>	<b>2</b>	<b>LED</b>	<b>3</b>	<b>Voltage</b>
	P205		-BCR		2

→Part Number **P205-BCR2**

STANDARD INTENSITY - DIFFUSED ENCAPSULATION					
LED	Color	λpk (nm)	Iv <sup>[1]</sup> (mcd)	Viewing Angle	V/C Table <sup>[3]</sup>
-BR	RED	635	14	60	I
-BA	AMB	583	14	60	I
-BG	GRN	565	14	60	I

Voltage/Current	
Design Vf/If	Max Vf/If
<b>V/C Table I</b>	
5V/22mA	5.5V/28mA
12V/20mA	14V/25mA
15V/24mA	16.5V/28mA
24V/17mA	26V/20mA
28V/16.5mA	30V/18mA

Voltage <sup>[4]</sup>	
2	
5H	
12H	
15H	
24H	
28H	

MEDIUM INTENSITY - TINTED ENCAPSULATION					
LED	Color	λpk (nm)	Iv <sup>[1]</sup> (mcd)	Viewing Angle	V/C Table <sup>[3]</sup>
-BCR	RED	635	60	45	I
-BCA	AMB	583	30	45	I
-BCG	GRN	565	44	45	I

Voltage/Current	
Design Vf/If	Max Vf/If
<b>V/C Table II</b>	
5V/15mA	5.5V/23mA
12V/15mA	14V/20mA
15V/15mA	16.5V/18mA
24V/15mA	26V/18mA
28V/15mA	30V/17mA

HIGH INTENSITY - WATERCLEAR ENCAPSULATION					
LED	Color	λpk (nm)	Iv <sup>[1]</sup> (mcd)	Viewing Angle	V/C Table <sup>[3]</sup>
-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	55	II

SPECIALTY LEDs						
LED	Color	λpk (nm)	Iv <sup>[1]</sup> (mcd)	Viewing Angle	V/C Table <sup>[3]</sup>	Description
-RLP <sup>[2]</sup>	RED	635	2.1	50	I	Low Power
-ALP <sup>[2]</sup>	AMB	583	1.6	50	I	Low Power
-GLP <sup>[2]</sup>	GRN	565	2.1	50	I	Low Power
-DRG	RED/GRN	635/567	4.3/3.7	118	I	Bi-Color, Red Cathode

[1] Iv = typical luminous intensity @ If = 20mA (Ta=25°C), Low Power LEDs @ If = 2mA. Bi-color LEDs @ If=10mA.

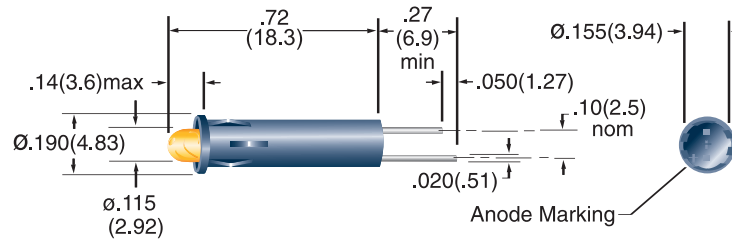
[2] Omit the H when selecting a voltage. (e.g. P205-RLP12).

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

[4] Ta = 25°C. Voltage "2" indicates external resistor required. Voltages 5H through 28H are VDC. For AC operation, insert D after Voltage (e.g. 24HD). D indicates built-in rectifier; not required for 5H. Bi-Color not available in AC voltages.



## P205



### 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.