

# WIDE ANGLE LENSED LEDs

## Fresnel lens for Wide Angle Viewing

- Mates with Mounting Socket Model PS200 (Optional) - For Detailed LED Data, See Discrete Section, MODEL 125

<b>1</b>	<b>Model</b>
	PC3

### TO ORDER, FOLLOW THE EXAMPLE:

Select one **BOLD** component from each SHADED column in the tables below.

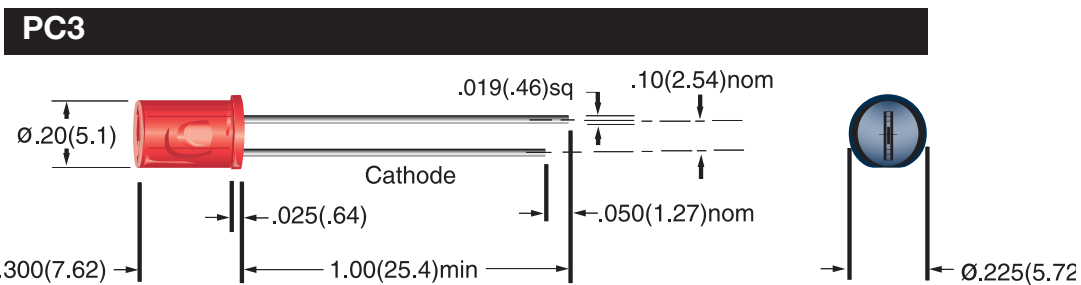
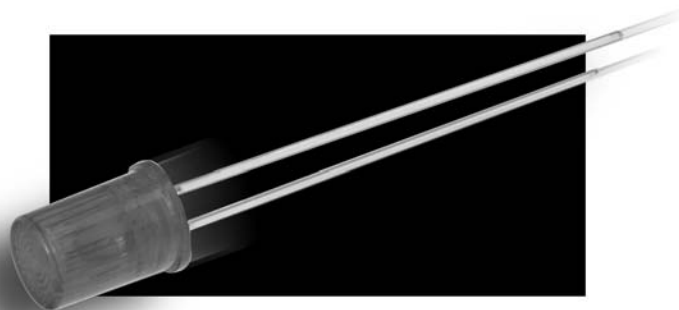
<b>1</b>	<b>Model</b>	<b>2</b>	<b>LED</b>	<b>3</b>	<b>Voltage</b>	<b>4</b>	<b>Lens Color</b>
	PC3		-BCG		2		-CG

→Part Number **PC3-BCG2-CG**

MEDIUM INTENSITY - TINTED ENCAPSULATION				
<b>2</b>	<b>LED</b>	<b>Color</b>	$\lambda_{pk}$ (nm)	$I_v^{[1]}$ (mcd)
	-BCR	RED	635	60
	-BCA	AMB	583	30
	-BCG	GRN	565	44

<b>3</b>	<b>Voltage (Ta=25°C)</b>
	2
	External Resistor Required

<b>4</b>	<b>Lens Color<sup>[2]</sup></b>
	-CR Red
	-CA Amber
	-CY Yellow
	-CG Green
	-CW Water Clear
	-S Smoke



[1]  $I_v$  = typical luminous intensity @  $I_f = 20\text{mA}$  ( $T_a = 25^\circ\text{C}$ ).

[2] Colored lenses must match LED colors (e.g. PC3-BCR2-CR). Water Clear (-CW) and Smoke (-S) lenses may be specified with any LED color.

#### All dimensions are in inches (mm)

Tolerances: .xx"(.x)  $\pm 0.025"$ (.63) / .xxx"(.xx) $\pm 0.010"$ (.25)

Specifications are subject to change without notice.

- For Use with Discrete LEDs, Models 200 & PC3 - Mounting Diameter .250" (6.35) - RC200, KN40, LW40, HN40 Mounting Hardware Included

**1**

Model	Wires
PS200	W (optional)

**2**

Bezel Finish
-B Black
-S Silver

**3**

Voltage <sup>[1]</sup>
-5H
-12H
-15H
-24H
-28H
-48H

Voltage/Current	
Design Vf/If <sup>[2]</sup>	Max Vf/If <sup>[2]</sup>
<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
48V/15mA	50V/16mA

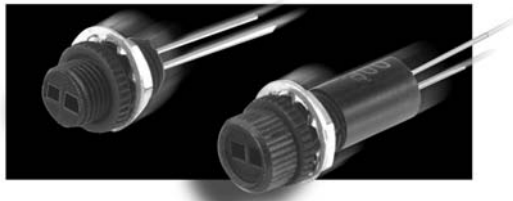
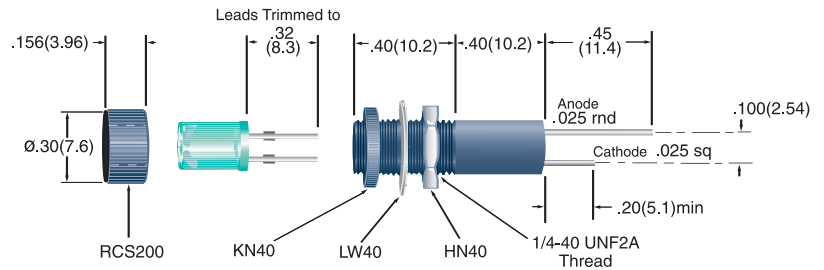
**TO ORDER, FOLLOW THE EXAMPLE:**

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

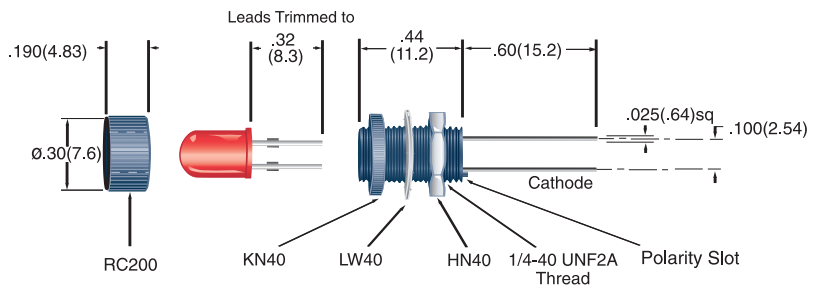
1	Model	Wires	2	Bezel Finish	3	Voltage
	PS200	W		-B		-12H

→ Part Number **PS200W-B-12H**

**PS200 With Resistor** *PC3 LED not Included*



**PS200 Without Resistor** *Discrete LED not Included*



[1] Ta=25°C. Voltages 5H through 48H are VDC. For AC operation, insert D after Voltage (e.g. 24HD).

D indicates built-in rectifier; not required for 5VAC. For a socket without a built-in resistor, omit Voltage (e.g. PS200-B).

[2] Design current will vary depending on LED used.

**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.

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