

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

1	Model
	PC3

TO ORDER, FOLLOW THE EXAMPLE:

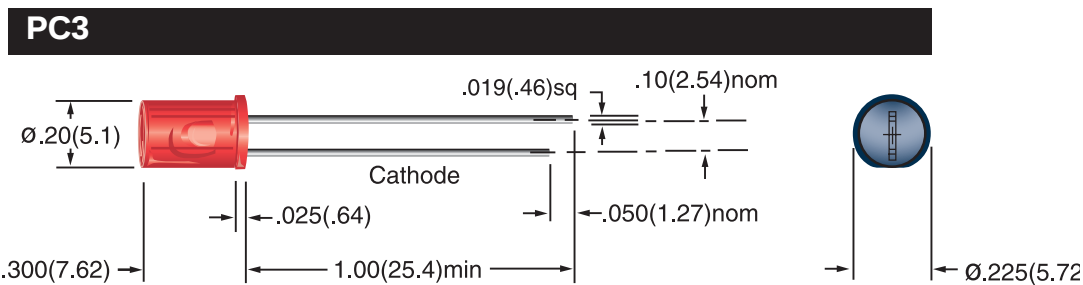
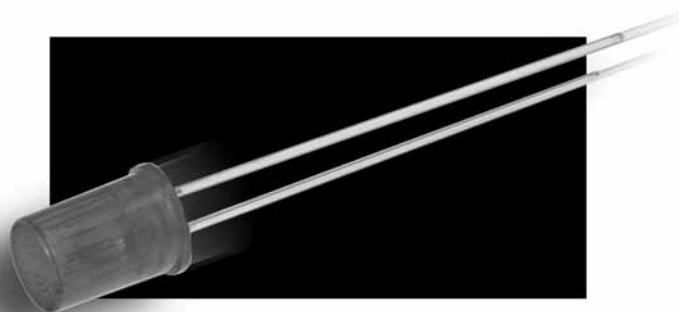
Select one BOLD component from each SHADED column in the tables below.			
1	Model	2	LED
	PC3		-BCG
3	Voltage	4	Lens Color
	2		-CG

→Part Number PC3-BCG2-CG

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

3	Voltage (Ta=25°C)
	2
	External Resistor Required

4	Lens Color^[2]
	-CR Red
	-CA Amber
	-CY Yellow
	-CG Green
	-CW Water Clear
	-S Smoke



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

[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: $.xx"(.x) \pm .025"(.63)$ / $.xxx"(.xx) \pm .010"(.25)$
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 ^[1]
	-5H
	-12H
	-15H
	-24H
	-28H
	-48H

Voltage/Current	
Design Vf/If ^[2]	Max Vf/If ^[2]
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

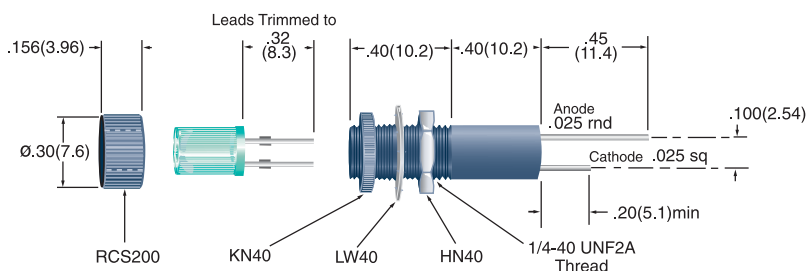
TO ORDER, FOLLOW THE EXAMPLE:

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

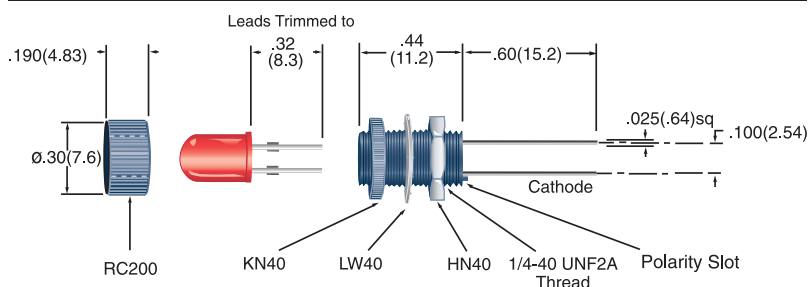
1	Model	Wires	2	Bezel Finish	3	Voltage
	PS200	W		-B		-12H

→ 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.