



Data Display Products®

.290" MOUNT PANEL LIGHTS

90 Series, 6-Chip

- Mounting Hardware Provided
- For Detailed LED Data, See Discrete Section, 6-CHIP

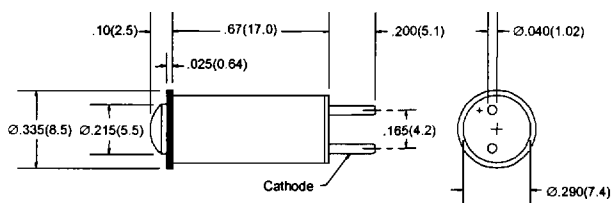
Model	Wires	LED					Voltage (Ta = 25°C) ^[3]			Multi-Chip	Lens		Bezel Color
			Color	λ _{pk} (nm)	I _v ^[2] (mcd)		Design Vf/If	Max Vf/If			Diffu-sion	Color	
C ^[1]	90 ^[4]	W	-BR	RED	660	58	5	5V/45mA	5.3v/54mA	-6	-C Clear	R Red	0 Black
Optional	91	Optional	-R	RED	630	29	6	6V/45mA	6.4V/54mA				
	94		-O	ORG	610	58	12	12V/28mA	13.5V/36mA				
	96		-A	AMB	585	35	15	15V/15mA	15.5V/18mA				
	961		-Y	YEL	570	60	24	24V/14mA	26V/18mA				
	964		-G	GRN	565	50	28	28V/14mA	30V/18mA				
			-R/G ^[5]	R/G	630/565	50	48	48V/11mA	52V/13mA				
							60	60V/7.5mA	65V/8.5mA				
							120	120VAC/3mA	130VAC/3.6mA				
											-N Diffused	A Amber	9 White
												Y Yellow	
												G Green	
												B Blue	
												S ^[6] Smoke	
												W Water Clear	

- [1] The C option specifies a pin length = .20" for panel lights mounted in the PS90 or PS90T socket (pg. 61). Mounting hardware is included with the socket. Do not select the W option. C and standard pins are not solderable.
- [2] I_v = typical luminous intensity @ If = 15mA(Ta = 25°C). I_v is measured without lenses.
- [3] Voltages 5 through 60 are VDC. For AC operation, insert AC after Voltage (e.g. 24AC). Not required for 120V. Contact factory for 6-Chip VAC design currents. For 120VDC insert DC after the voltage (e.g. 120DC).
- [4] Model 90 has no lens. Omit Lens Diffusion and Color (e.g. 90-G12-6-0).
- [5] -R/G simulates white light. Select -NW Lens only. 12VDC Design = 12V/36mA, Max = 14V/46mA. Not available in 5VDC.
- [6] Omit Lens Diffusion when selecting smoke lens (e.g. 91-BR12-S0).

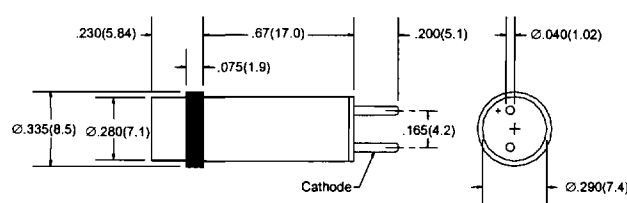
To Order:
Example:

Select one **BOLD** component from each SHADED column in the table except as noted.
Part Number 94W-R12-6-CRO:

Model	Wires	LED	Voltage	Multi-Chip	Lens		Bezel Color
					Diffusion	Color	
94	W	-R	12	-6	-C	R	0



90(no lens)



91

Standard Wire Leads: 6.0" total length (nominal) / .50" (nominal) stripped, red anode/black cathode, 24 AWG TPB UL1061 insulation. Contact factory for other lengths, gauges and colors.

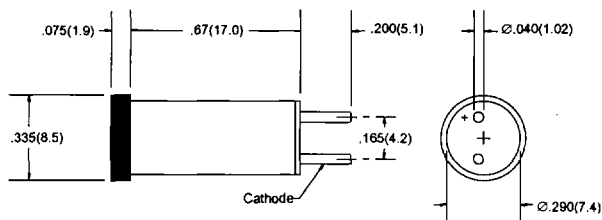
All dimensions are in inches(mm)
Tolerances: .xx"(x) ±.025"(6.3) / .xxx"(xx) ±.010"(2.5)
Specifications are subject to change without notice.



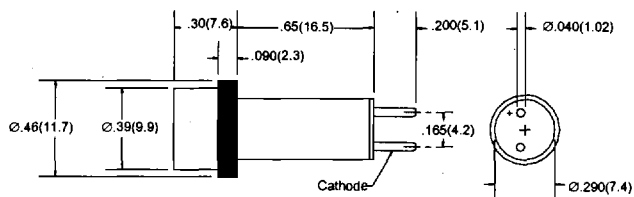
Data Display Products®

.290" MOUNT PANEL LIGHTS

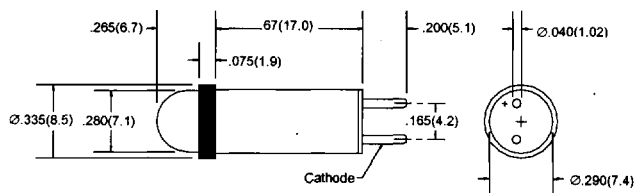
90 Series, 6-Chip



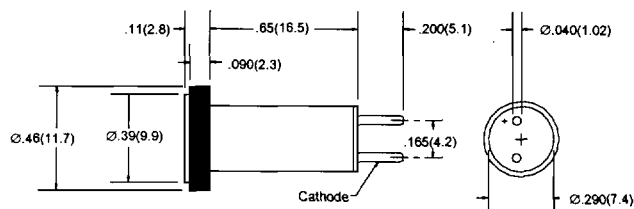
94(flush lens)



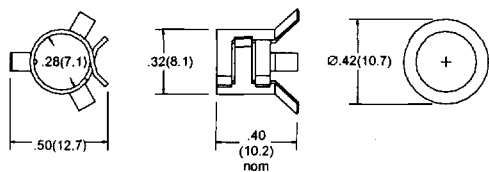
961



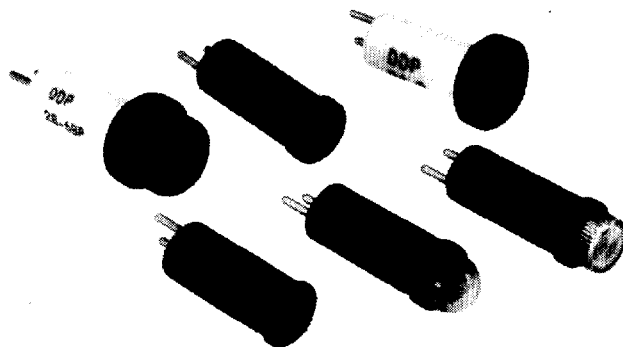
96



964



TC9 & NW9 Mounting Hardware
see note [1]



Standard Wire Leads: 6.0" total length (nominal) / .50" (nominal) stripped, 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.