

SNAP-MOUNT TYPE

970 Series $\frac{5}{16}$ " Diameter Lights



APPROVALS: Units with wire leads are U.L. Listed. Units with Q.C. terminals are Recognized under the Components Program of Underwriters Laboratories. All units are Certified by CSA.

SPECIFICATIONS:

Housing: White nylon (standard). Other colors available to special order. (-55°C to $+75^{\circ}\text{C}$)

Bezel: Chrome-plated finish standard. Black anodized, clear anodized, or gold iridite finish available to special order. Bezels are required on all lens styles except Type 92 (Flat cylindrical faceted).

Termination: Wire Leads: Black, #18 gauge, PVC plastic insulated, UL-CSA rated at 105°C . 6" long, stripped $\frac{1}{2}$ ".

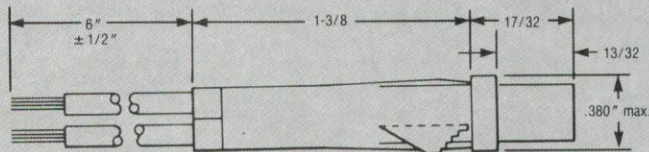
Terminals: Brass. Tin-plated. $.125$ " quick-connect.

Lens: Molded plastic.

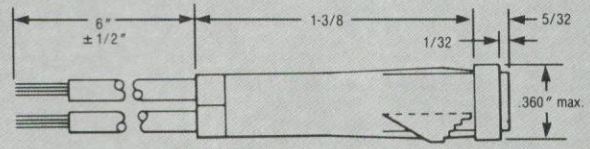
Lens Marking: Flat lenses may be marked. Contact factory.

Lamps: Solid state, incandescent or high brightness neon. Refer to the Ordering Information on following page.

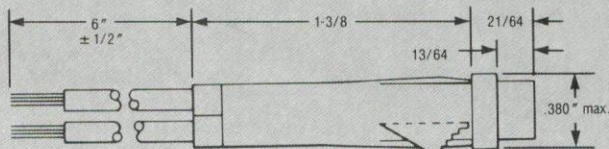
Mounting: Designed to snap securely into a $.312$ "/.318" diameter hole. Panel thickness ranges from $.040$ " to $.100$ ".



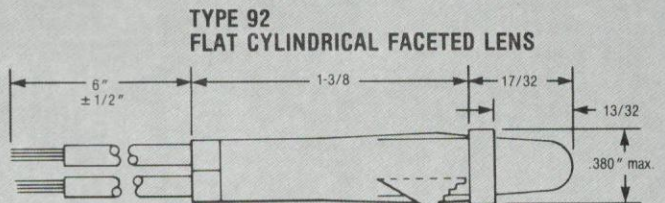
TYPE 04
LONG CYLINDRICAL LENS



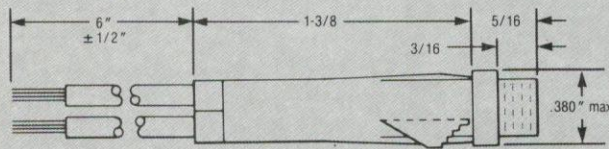
TYPE 02
FLAT CYLINDRICAL LENS



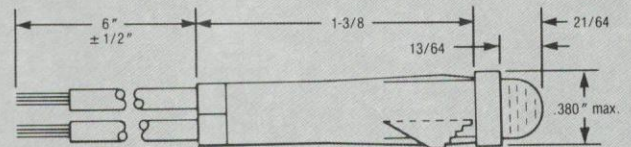
TYPE 03
SHORT CYLINDRICAL LENS
TYPE 07
SHORT CYLINDRICAL FLUTED LENS



TYPE 92
FLAT CYLINDRICAL FACETED LENS

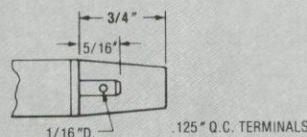


TYPE 93
SHORT CYLINDRICAL FRESNEL LENS



TYPE 01
LONG STOVEPIPE LENS
TYPE 06
SHORT STOVEPIPE FRESNEL LENS

OPTIONAL TERMINATION
(Projection back of panel - $1-1/4$ ")



$.125$ " Q.C. TERMINALS

ORDERING INFORMATION:

INCANDESCENT AND NEON LAMPS

Lampholder Only Lens Cap Only

EXAMPLE: 971 - 6 12 X - 01 W RT

5/16" Snap-Mount Chrome-Plated Bezel		Wire Leads		6.3 V Incandescent Lamp		Built-In No Resistor		Long Stovepipe Lens		White Housing		Red Translucent Lens	
Series Number	Termina- tion	Lamp				Resistor	Lens Type		Housing Color	Lens Color			
970 ² No Bezel 971 Chrome Plated Bezel (standard) 972 Black Anodize Bezel 973 Clear Anodize Bezel 974 Gold Iridite Bezel	6 6" wire leads	INCANDESCENT				X None (No resistor required with incandescent lamps)	01	Long Stovepipe (Smooth)	W White (Standard)	NONDIFFUSING (Clear)			
	9 .125" Q.C. Terminals	Code	Volts	MA	Life (Hours)		02	Flat Cylindrical (Smooth)		AN Amber BN Blue CN Colorless GN Green RN Red WN White (Cloudy) YN Yellow			
		10	6.0	40	10,000		03	Short Cylindrical (Smooth)		TRANSLUCENT ⁸			
		12	6.3	200	5,000								
		02	6.3	200	20,000								
		13	14.0	80	1,500								
		03	14.0	80	15,000								
		15	28.0	40	4,000								
		04	28.0	40	7,000								
	NEON					04					Long Cylindrical (Smooth)		
	70 ³	125.0	1/3 W	10,000	A 22KΩ	06 ⁶	Short Stovepipe (Fresnel)	AT Amber BT Blue GT Green RT Red WT White YT Yellow					
	71 ³	250.0	1/3 W	10,000	T 150KΩ								
	56 ⁴	125.0	1/3 W	10,000	B 30KΩ								
	56 ⁴	250.0	1/3 W	10,000	E 100KΩ								
	57 ⁵	125.0	1/3 W	10,000	B 30KΩ								
	57 ⁵	250.0	1/3 W	10,000	E 100KΩ	07 ⁶	Short Cylindrical (Fluted)						
						92 ^{6,7}	Flat Cylindrical (Faceted)						
						93 ⁶	Short Cylindrical (Fresnel)						

² Use only with lens type 92.

³ Standard Neon. Use with lens colors AN, CN, RN, WN, or YN.

⁴ Green neon. Use with lens colors CN, GN, or WN.

⁵ Blue neon. Use with lens colors BN, CN, or WN.

⁶ Nondiffusing colors only.

⁷ No Bezel Required.

⁸ Not recommended for use with neon lamps.

² Use only with lens type 92.

³ Standard Neon. Use with lens colors AN, CN, RN, WN, or YN.

⁴ Green neon. Use with lens colors CN, GN, or WN.

⁵ Blue neon. Use with lens colors BN, CN, or WN.

⁶ Nondiffusing colors only.

⁷ No Bezel Required.

⁸ Not recommended for use with neon lamps.

ORDERING INFORMATION:

SOLID STATE LAMPS

EXAMPLE: 971 - 6 60 U - 03 W RN

5/16" Snap-Mount Chrome-Plated Bezel		Wire Leads	Red LED	Built-In 200 Ω Resistor		Short Cylindrical Lens		White Housing	Red Nondiffusing Lens	
Series Number	Termina- tion	Lamp Code	Resistor			Lens Type		Housing Color	Lens Color	
970⁹ No Bezel	6 6" wire lead (red anode)	60 Red LED	Code	Current	Volts	03	Short Cylindrical (Smooth)	W White (Standard)	NONDIFFUSING (CLEAR)	
971 Chrome Plated Bezel- (standard)	9 .125" Q.C. Terminals	66¹⁰ Green LED	X	No Resistor	1.8	06	Short Stovepipe (Fresnel)		CN Colorless (60, 66, 68) ¹²	
972 Black Anodized Bezel		68¹⁰ Yellow LED	U	200Ω	3.6	07	Short Cylindrical (Fluted)		WN White (60, 66, 68) ¹²	
973 Clear Anodized Bezel			J	330Ω	5.0	92¹¹	Flat Cylindrical (Faceted)		AN Amber (68) ¹²	
974 Gold Iridite Bezel			W	430Ω	6.0				GN Green (66) ¹²	
			Y	820Ω	10.0	93	Short Cylindrical (Fresnel)		RN Red (60) ¹²	
			K	1000Ω	12.0				YN Yellow (68) ¹²	
			G	1200Ω	14.0					
			L	2700Ω	28.0					
			Nominal 20 MA							
			V	100Ω	3.6	⁹	Use only with lens type 92.			
			M	180Ω	5.0	¹⁰	Recommended for use at 20 milliamps only.			
			P	220Ω	6.0	¹¹	No bezel required.			
			Z	390Ω	10.0	¹²	Lamp Code Number. When specifying lens color, use only with lamp codes shown.			
			N	620Ω	14.0					
			H	1300Ω	28.0					