

GE Grid Solutions

ET-16 LED

Indicating Light

Application

The ET-16 Light Emitting Diodes (LED's) are designed for application on control panels up to and including a ¼ inch thickness. This assembly economizes on space and permits ease of replacement for bulbs and resistors.

Features

- 100,000 Hour Life
- Reduced Heat
- Resistance to Shock & Vibration
- Cost Savings
- No Cold Filament Inrush Current

These ET-16 LED indicating lamp assemblies consist of three component parts. The lamp receptacle with a resistor (see table 1), the LED lamp - available in six colors: Red, Green, Blue, Yellow, Amber & White (see table 2) and the colored or clear lens cap shown in Table 3.

ET-16 LED - Ordering Tables

Table 1 Receptacle and Resistor by Voltage				Table 2 LED Lamp Color by Voltage		Table 3 Lens Cap by Color	
Rated Voltage	Min.	Max.	Catalog Number	Lamp Color	Catalog No. Digits	Cap Color π = Transparent φ = Translucent	Catalog No. Digits
24 DC	22	28	116B6708G41	Red	R92	Red π	R4
				Green	G92		
				Amber	A92		
				Blue	B92		
				Yellow	Y92		
				White	W92		
48 DC	44	56	116B6708G42	Red	R52	Green π	G4
				Green	G52		
				Amber	A52	Amber π	A4
				Blue	B52		
				Yellow	Y52	Blue π	B4
				White	W52		
240 AC 250 DC	195	260	116B6708G46	Red	R53	Smoke π	S4
				Green	G53		
				Amber	A53		
	220	280	116B6708G44	Blue	B53	Clear π	C4
				Yellow	Y53		
				White	W53		
70 AC 120 AC 130 AC 125 DC	55	76	116B6708G47	Red	R73	White φ	W5
				Green	G73		
				Amber	A73		
				Blue	B73		
				Yellow	Y73		
95 130 140 140	130	140	116B6708G45	White	W73	None	N4
				Green	G73		
				Amber	A73		
				Blue	B73		
				Yellow	Y73		



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The ET-16 specifies long - life LED's and simple "pushtwist" type plug design for both the lamp and the resistor. This is accomplished by incorporating a bayonet base on both components.

The connection terminals are readily accessible. They are designed for either AMP "FASTON" type connectors, solder type connectors, or screws.

UL Recognized (E53795).

How to Order ET-16 LED's:

Determine desired catalog number from tables below.

Example: 24 VDC, Red LED Lamp, Red Transparent Color Cap

Catalog Number: 116B6708G41 R92 R4

Table 1: Receptacle and Resistor by Voltage

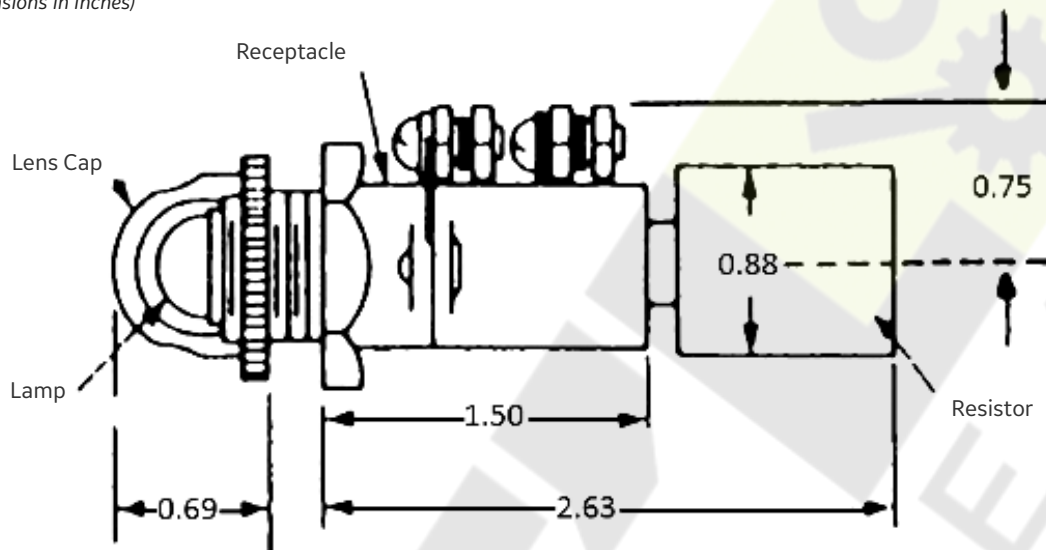
Table 2: LED Lamp Color by Voltage

Table 3: Lens Cap by Color



ET-16 LED Dimensions

(All dimensions in inches)



Note: Hole size (metal up to 0.25 inches thick) = 0.66 inch diameter

ET-16 LED - Renewal Parts Information

Receptacle P/N 116B6709G1		Resistor		LED Lamp		Lens Cap	
Rated Voltage	Part No. 165A7844P	Ω Value	Lamp Color	LED Part No. 286A5442P	Cap Color π = Transparent ϕ = Translucent	Part No. 286A5443P	
24 DC	1	10	Red	R92	Red π	R4	
			Green	G92			
			Amber	A92			
			Blue	B92			
			Yellow	Y92			
48 DC	2	20	White	W92	Green π	G4	
			Red	R52	Amber π	A4	
			Green	G52			
			Amber	A52			
			Blue	B52			
Yellow	Y52						
240 AC 250 DC	6 4	4,800 5,100	White	W52	Blue π	B4	
			Red	R53	Yellow ϕ	Y5	
			Green	G53			
			Amber	A53			
			Blue	B53			
Yellow	Y53						
70 AC 120 AC 130 AC 125 DC	7 5 13 3	750 1,900 2,300 2,000	White	W53	Smoke π	S4	
			Red	R73	Clear π	C4	
			Green	G73			
			Amber	A73			
			Blue	B73			
Yellow	Y73						
White	W73	White ϕ	W5				
					None	N4	

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