

# 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				
				Blue	B52				
				Yellow	Y52				
				White	W52				
240 AC	195	260	116B6708G46	Red	R53	Amber π	A4		
				Green	G53				
250 DC	220	280	116B6708G44	Amber	A53	Blue π	B4		
				Blue	B53				
70 AC	55	76	116B6708G47	Yellow	Y53	Yellow φ	Y5		
				White	W53				
				Red	R73				
				Green	G73				
120 AC	95	130	116B6708G45	Amber	A73	Smoke π	S4		
130 AC	105	140	116B6708G48	Blue	B73				
125 DC	110	140	116B6708G43	Yellow	Y73			Clear π	C4
				White	W73				
125 DC	110	140	116B6708G43	White	W73	White φ	W5		
				White	W73				
125 DC	110	140	116B6708G43	White	W73	None	N4		
				White	W73				



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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 \_\_\_\_\_

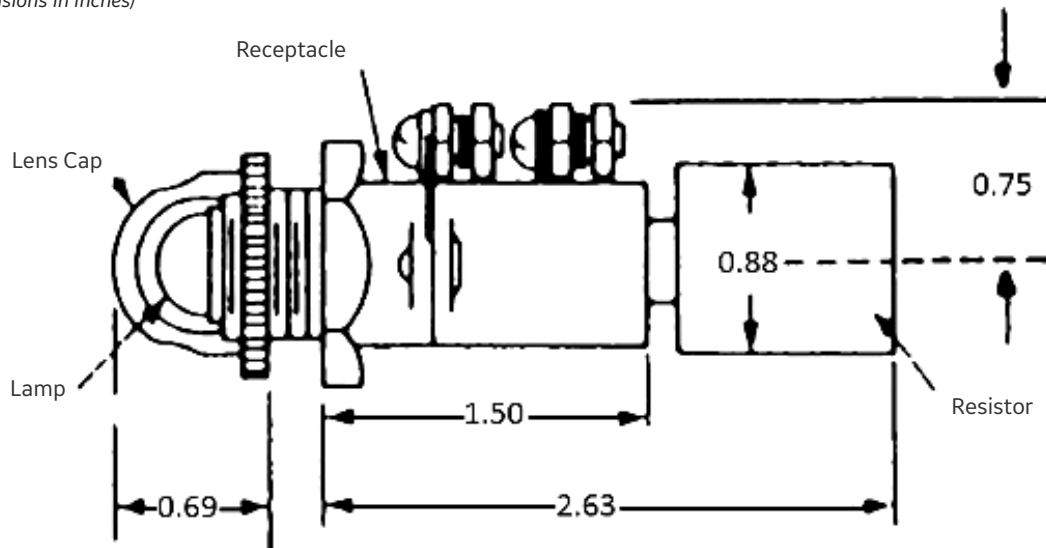
Table 2: LED Lamp Color by Voltage \_\_\_\_\_

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	$\Omega$ Value	Lamp Color	LED Part No. 286A5442P	Cap Color $\pi$ = Transparent $\phi$ = Translucent	Part No. 286A5443P	
24 DC	1	10	Red	R92	Red $\pi$	R4	
			Green	G92			
			Amber	A92			
			Blue	B92			
			Yellow	Y92			
48 DC	2	200	White	W92	Green $\pi$	G4	
			Red	R52	Amber $\pi$	A4	
			Green	G52	Blue $\pi$	B4	
			Amber	A52	Yellow $\pi$	Y52	
			Blue	B52	White	W52	
240 AC 250 DC	6 4	4,800 5,100	Red	R53	Yellow $\phi$	Y5	
			Green	G53	Smoke $\pi$	S4	
			Amber	A53	Clear $\pi$	C4	
			Blue	B53	White $\phi$	W5	
			Yellow	Y53	None	N4	
70 AC 120 AC 130 AC 125 DC	7 5 13 3	750 1,900 2,300 2,000	White	W53			
			Red	R73			
			Green	G73			
			Amber	A73			
			Blue	B73			
			Yellow	Y73			
			White	W73			

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