

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	Green π	G4
				Yellow	Y92		
				White	W92		
48 DC	44	56	116B6708G42	Red	R52	Amber π	A4
				Green	G52		
				Amber	A52	Blue π	B4
				Blue	B52		
				Yellow	Y52		
				White	W52	Yellow φ	Y5
240 AC 250 DC	195 220	260 280	116B6708G46 116B6708G44	Red	R53	Smoke π	S4
				Green	G53		
				Amber	A53	Clear π	C4
				Blue	B53		
				Yellow	Y53		
				White	W53	White φ	W5
70 AC 120 AC 130 AC 125 DC	55 95 105 110	76 130 140 140	116B6708G47 116B6708G45 116B6708G48 116B6708G43	Red	R73	None	N4
				Green	G73		
				Amber	A73		
				Blue	B73		
				Yellow	Y73		
				White	W73		



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:

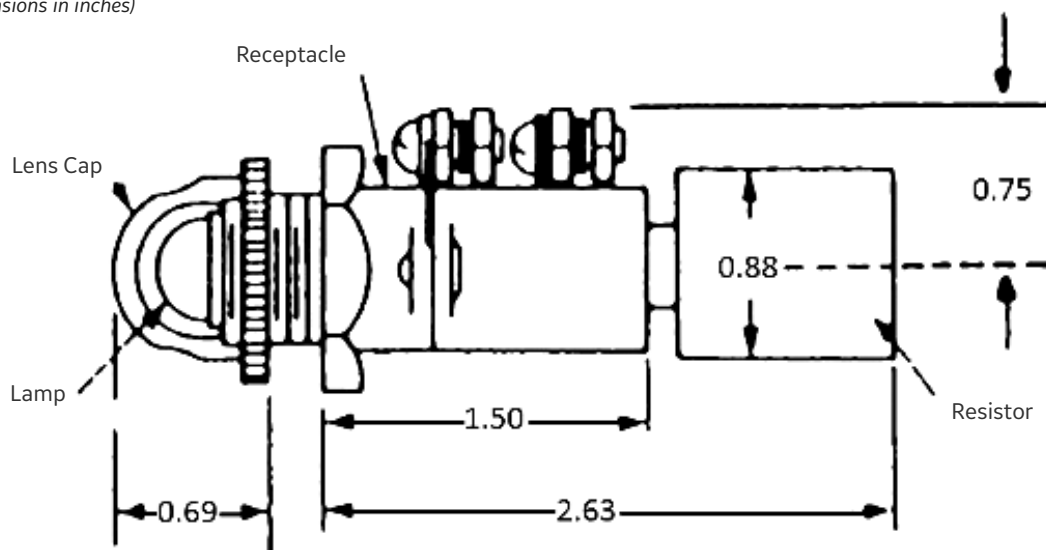
Determine desired catalog number from tables below.
Example: 24 VDC, Red LED Lamp, Red Transparent Color Cap
Catalog Number: 116B6708G41 R92 R4

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			
			White	W92			
48 DC	2	20	Red	R52	Green π	G4	
			Green	G52			
			Amber	A52			
			Blue	B52			
			Yellow	Y52			
			White	W52			
240 AC 250 DC	6 4	4,800 5,100	Red	R53	Yellow ϕ	Y5	
			Green	G53			
			Amber	A53			
			Blue	B53			
			Yellow	Y53			
			White	W53			
70 AC 120 AC 130 AC 125 DC	7 5 13 3	750 1,900 2,300 2,000	Red	R73	Smoke π	S4	
			Green	G73			
			Amber	A73			
			Blue	B73			
			Yellow	Y73			
			White	W73			
			Red	R73	Clear π	C4	
			Green	G73			
			Amber	A73			
			Blue	B73			
			Yellow	Y73			
			White	W73			
			Red	R73	White ϕ	W5	
			Green	G73			
			Amber	A73			
			Blue	B73			
			Yellow	Y73			
			White	W73			
			Red	R73	None	N4	
			Green	G73			
			Amber	A73			
			Blue	B73			
			Yellow	Y73			
			White	W73			

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