

# ET-5/6

## Light Emitting Diodes

### APPLICATION

The Type ET-5 Light Emitting Diodes (LED's) are a metal base design, available for panels up to 1/4 inch thick under one catalog number, and available for 1, 1-1/2, and 2 inch thick panels under another catalog number.

The Type ET-6 indicating LED lamp is of a molded base design and is available for thin panel applications up to 1/4 inch.

### FEATURES

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

1. Each unit is compact and simple in construction. Requires only one hole for panel mounting.
2. A series resistor prevents the possibility of a short circuit thus eliminating the need for special fuses.
3. The ET-5 and ET-6 series of indicating light assemblies consist of three component parts. The lamp receptacle (see table 1), the LED lamp - available in three basic colors: Red, Green, and Amber (see table 2), and the lens cap - available in four transparent colors and clear. (see Table 3).
4. Both specify long-life LEDs lamps and are of the telephone type T2 slide base design.
5. Terminals are readily accessible and have the facilities for either soldered connections or screw connections



(Photo 8020489)  
Fig. 1. ET-5 Assembly with Lens Cap mounted on an insulating panel



(Photo 8020490)  
Fig. 2. ET-6 Assembly with Lens Cap mounted on a metal panel

### HOW TO ORDER

Determine desired catalog number from tables below.

Example: ET-6, 24Vdc, Red LED Lamp, Red Transparent Color Cap

Catalog Number: 6105700G60R43R3

Table 1: Receptacle and Resistor by Voltage  
 Table 2: LED Lamp by Color and Voltage  
 Table 3: Lens Cap by Color

### LAMP PULLER AND CAP WRENCH

This accessory is recommended for the easy removal of LED lamps and tightening of the color cap lenses for both the ET-5 and ET-6 series. Order Catalog No. 6151027G1

### ET-5 and ET-6 ORDERING TABLES

Table 1 - Receptacle and Resistor by Voltage

Circuit Voltage			Resistance (Ohms)	ET-5 Up to 1/4" thickness Catalog No.	ET-5 Up to 2" Thickness Catalog No.	ET-6 Up to 1/4" * Thickness Catalog No.
Rated Voltage	Min.	Maxi.				
24 Dc	22	28	110	6105700G80	6105700G90	6105700G60
48 Dc	44	56	900	6105700G81	6105700G91	6105700G61
125 Dc	110	140	3300	6105700G82	6105700G92	6105700G62
250 Dc	220	280	7200	6105700G83	6105700G93	6105700G63
67 Ac	55	76	1500	6105700G84	6105700G94	6105700G64
115 Ac	95	130	2800	6105700G85	6105700G95	6105700G65
230 Ac	220	280	6300	6105700G86	6105700G96	6105700G66

Table 2 - LED Lamp by Voltage

Rated Voltage	LED Lamp Color	Catalog Number Digits	Transparent Lens Cap Color	Catalog Number Digits
24 Dc 48 Dc 125 Dc 250 Dc	Red	R43	Red	R3
	Green	G43	Green	G3
	Amber	A43	Amber	A3
	Blue	B43	Smoke	S3
	Yellow	Y43	Blue	B3
67 Ac 115 Ac 230 Ac	Red	R49	Blue	B3
	Green	G49	Clear	C3
	Amber	A49	None	N3
	Blue	B49		
	Yellow	Y49		

\* A spacer will be supplied for mounting on panels of less than 1/8-in. thickness. (Customer must specify)

NOTE: Subject to change.

### ET-5 and ET-6 RENEWAL PARTS INFORMATION

Rated Voltage	LED Lamp Color	LED Lamp 286A5442P Part No.	Lamp Marking	Lens Cap 286A5443P Part No.	Lens Cap Color
24 Dc 48 Dc 125 Dc 250 Dc	Red	R43	24L3R	R3	Red
	Green	G43	24L3G	G3	Green
	Amber	A43	24L3A	A3	Amber
	Blue	B43	24L3B	S3	Smoke
	Yellow	Y43	24L3Y	B3	Blue
67 Ac 115 Ac 230 Ac	Red	R49	24L9R	C3	Clear
	Green	G49	24L9G		
	Amber	A49	24L9A		
	Blue	B49	24L9B		
	Yellow	Y49	24L9Y		

### DIMENSIONS

Assembly type	Panel Thickness	Drilling	A	B	C
ET-5	METAL up to 1/4"	21/32" hole	1-1/8"	1-13/16"	4-3/16"
	INSULATING up to 2"				5-15/16"
ET-6	METAL up to 1/4"	21/32" hole	1-1/8"	1-13/16"	3-11/16"

Should not be used for construction without confirmation.

Recognized under the Component Program of Underwriters Laboratories, Inc.

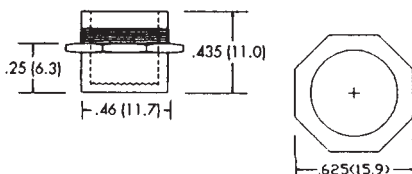


Fig. 3. ET-5 and ET-6 Lens Caps

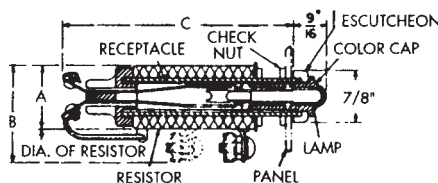


Fig. 4. ET-5 and ET-6 LED Indicating Lamp

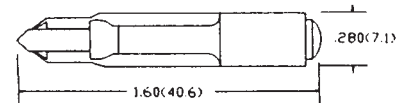


Fig. 5. Lens Specifications

