

# Brilliance by design

## Panel Mount Fixed Lamp LED

### MODEL 205

This Series incorporates a T-1 size LED in an all metal threaded body. Lamp supplied with flat Lexan transparent lens the same color as the LED and 6" wire leads.

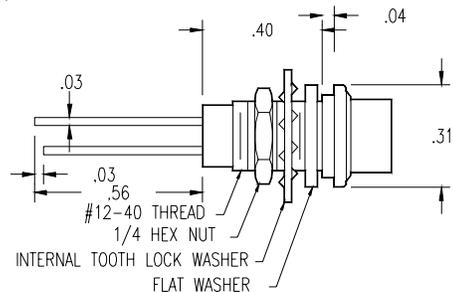


Built-in resistors allow these units to be powered from sources up to 28VDC.

#### FEATURES

- LED
- Fluted lens for maximum light distribution

Suggested mounting diameter 1/4"



27/64 (.42) suggested min. ctr to ctr spacing

205

| LENS STYLES  | LED COLOR  | LENS COLOR  | MATERIAL  |
|--|--|---|---|
| F-FLAT  | Red<br>Green<br>Yellow<br>Amber<br>Ultra Green<br>Ultra Blue<br>Pure White | LEXAN<br><i>Transparent</i><br>RTP - Red<br>BTP - Blue<br>GTP - Green<br>ATP - Amber<br>CTP - Clear<br><br><i>Translucent</i><br><i>Contact Factory</i> | <b>BODY</b><br>Brass SAE No. 72<br>Nickel Plate per QQ-N-290<br><b>LENS</b><br>Lexan LP-393<br><b>HARDWARE</b><br>Brass SAE 72<br>Spring Steel per MIL-W-6986<br>Nickel Plate per QQ-N-290<br><b>TERMINALS</b><br>26 AWG Stranded Cu. |

### HOW TO ORDER

| <u>Voltage</u> | <u>Model No.</u> |
|----------------|------------------|
| 2vdc*          | 205-2X           |
| 5vdc           | 205-5X           |
| 12vdc          | 205-12X          |
| 24vdc          | 205-24X          |
| 28vdc          | 205-28X          |

\*external resistor required

Where the 'X' appears insert:  
 1-Red  
 2-Green  
 3-Yellow  
 4-Amber  
 5-Ultra Green  
 6-Ultra Blue  
 7-Pure White

NOTE:

\* For Voltage/Current Specs, see page A-1.

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### LED Voltage & Current Options

| VOLTS  | CURRENT IN MILLIAMPS |
|--------|----------------------|
| 5 VDC  | 10, 15, 20, 25 (MA)  |
| 12 VDC | 10, 20 (MA)          |
| 24 VDC | 10, 20 (MA)          |
| 28 VDC | 10, 20 (MA)          |

### Neon Lamp Electrical Specifications

(Used in 502, 857, 858, 859 and 862 Models)

| LAMP with RESISTOR | VOLTS A.C. or D.C. | AMPS NOMINAL | WATTS NOMINAL | LIFE   | RESISTOR |
|--------------------|--------------------|--------------|---------------|--------|----------|
| A1B                | 105-125            | .03          | 1/25          | 25,000 | 220K     |
| A1C                | 105-125            | 1.2          | 1/7           | 25,000 | 47K      |
| A9A (NE-2E)        | 105-125            | 0.7          | 1/12          | 25,000 | 100K     |
| C2A (NE-2H)        | 105-125            | 1.9          | 1/4           | 25,000 | 30K      |

NOTE: A1C and NE-2H are high brightness. Other lamps available. Life figures for A.C. - Life at D.C. 1/2 A.C. (Approx.). 862 Series cannot be supplied with resistor.

**IMPORTANT:** The lamps shown represent the most popular types normally requested. MANY OTHER LAMPS ARE AVAILABLE - PLEASE CONTACT FACTORY.

### Hot Stamping Information

The chart below designates type sizes available for hot stamping. Size of lens determines size of type that can be used.

| TYPE  | ACTUAL SIZE |        |
|-------|-------------|--------|
|       | WIDTH       | HEIGHT |
| 2 pt  | .050        | .060   |
| 6 pt  | .060        | .080   |
| 8 pt  | .080        | .110   |
| 10 pt | .090        | .120   |
| 12 pt | .110        | .160   |

NOTE: For other size type, contact factory.