

Starcom Incorporated



# IL24

## INDICATOR LAMP MODULE



## **Description**

The IL24 is a solid state LED lamp mounted in a powder coated aluminum housing. The IL24 operates on 24 volts DC, and may be used to replace older “beehive” lamps. The IL24 is not polarity sensitive. The IL24 offers several advantages over incandescent lamps, including:

- 1 Long Life: 100,000+ hrs (10 years)
- 2 Maintenance free
- 3 High shock and vibration resistance
- 4 Low power consumption
- 5 Major reduction in heat generation

## **Installation**

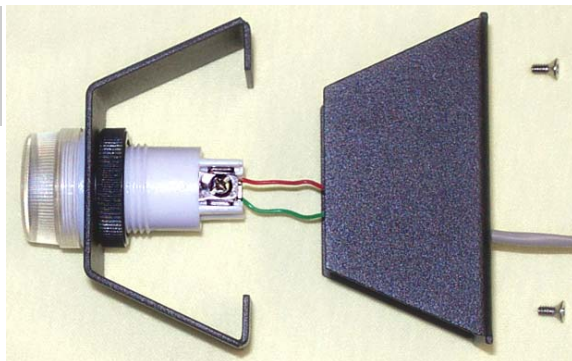
Remove the 2 Phillips head screws from the back of the IL24, and separate the two halves of the housing. The two keyhole mounting holes are 1.5” apart. Three holes are provided for cable entry. 2 are on the back for flush mounting, and 1 oblong hole is centered on the edge for exposed surface wiring.

Mark the mounting holes and cable entry positions using the template on page 4, or use the housing to mark the locations. Install two #8 screws at the mounting hole locations, and tighten them until a 1/16” gap is left between the mounting surface and the back of the screw heads.

Run the cable through one of the cable holes, and connect the leads to the screw terminals on the lamp. The polarity does not matter.

Re-assemble the IL24 housing and place it over the mounting screws. Slide the housing so the mounting screws catch in the keyholes.

IL24 – exploded view



**Notes**

The IL24 is available in other voltages: 5v, 12v, 24v, 28v, 48v, 60v, and 120vac. Contact Starcom for more information at 561-392-7001, or on the web at <http://www.starcom-inc.com>.

**Specifications**

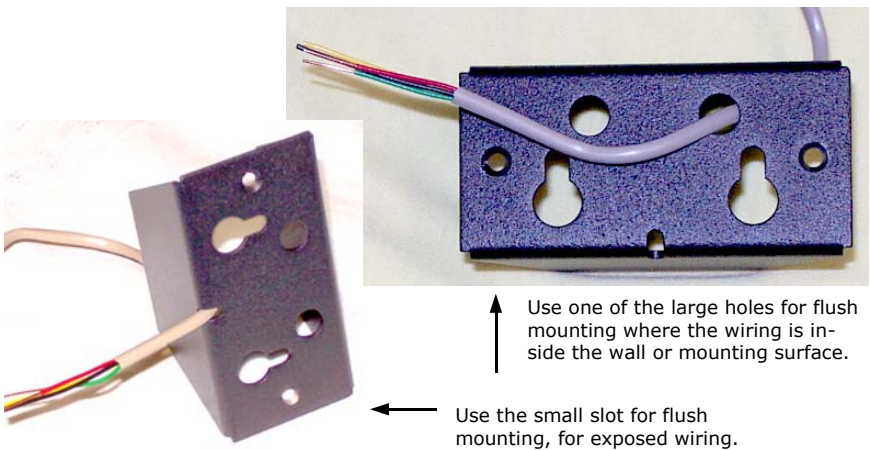
**GENERAL**

Size ..... 3.02"L x 1.53"W x 2.2"H  
 Mounting screw size ..... #8 (2 req.)  
 Operating voltage ..... 24vdc standard

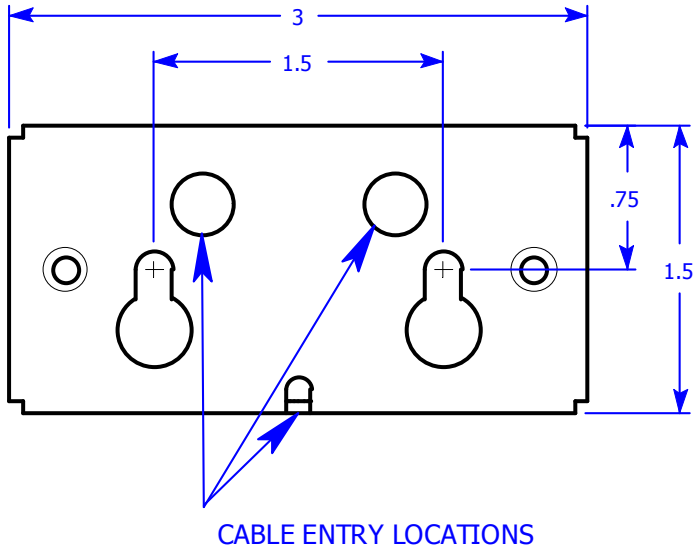
**LAMP DATA:**

| 24 VOLT, T3-1/4 BAYONET BASED LAMPS: |            |                |               |            |
|--------------------------------------|------------|----------------|---------------|------------|
| PART NUMBER                          | COLOR      | CURRENT Ma typ | INTENSITY mcd | WAVELENGTH |
| IL24-02                              | RED        | 20             | 460           | 660nm      |
| IL24-03                              | ORANGE     | 20             | 520           | 612nm      |
| IL24-04                              | YELLOW     | 20             | 464           | 595nm      |
| IL24-05                              | AQUA GREEN | 15             | 1600          | 525nm      |
| IL24-06                              | BLUE*      | 15             | 464           | 470nm      |
| IL24-09                              | WHITE      | 15             | 640           | 8000K      |

\* **Caution:** The blue lamp is sensitive to static electricity. Handle it with care. Damage occurs to the blue lamp if a voltage exceeding the specified maximum is applied.



***IL24 mounting template***



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