

## Stanchion Pole Mount:

Volume 19 in<sup>3</sup>

Class I, Division 2, Groups A, B, C, and D  
 Class II, Division 2, Groups F and G  
 Class II, Division I, Groups E, F, and G  
 Ambient Temperature -40C to 65C, T4

### Chemical Compatibility Guide:

The chemical compatibility data referenced in this manual was supplied by the raw material manufacturers and is intended as a general guide. The data represents the basic material properties and does not necessarily represent the performance of the final product due to manufacturing process and design variations for each final product. Chemical compatibility is highly dependent on concentration, temperature, humidity, and other environmental conditions and therefore the customer assumes responsibility for evaluation of gaseous or direct contact chemical compatibility at their site prior to product installation.

[www.dialight.com/pubs/MDTFCHEMRFLX001.pdf](http://www.dialight.com/pubs/MDTFCHEMRFLX001.pdf)

### General Instructions:

1. Turn off Power.
2. Use only copper wire.
3. Use Teflon tape on all threaded fittings and thread locker on locking screws to ensure 3R rating.
4. Installation and wiring must comply with local electrical codes.
5. Attach system ground wire under head of green screw in box.

### Installation Instructions:

1. Install ¾" to ½" NPT reducer onto ½" NPT cable gland.
2. Install reducer, cable gland assembly into ¾" NPT threaded entrance of area light housing.
3. Install ½" NPT cable gland to back of stanchion pole mount. Ensure o-ring is present. Torque cable gland body to 33 in-lbs, and dome nut to 22 in-lbs. ensure o-ring is present.
4. Pull wires into box.
5. Mount to pole using Teflon tape on all threads as necessary, use ¼"-20 screws provided. Torque to 5-6 ft-lbs to ensure fixture is secure. Use of Loctite on hardware is recommended.
6. Install cover using ¼"-20 screws provided. Torque screws to 25 in-lbs. Ensure O-ring is present and not spilling out of intended groove.
7. Install ¼"-20 screws provided to mount bracket to stanchion pole mount. Install split lock washer first under head of screw, then flat washer before inserting through bracket. Torque to 3-4 ft-lbs.

NEMA 3R  
 Listed UL 50, UL 50E, UL 844  
 CSA C22.2 No. 94.2  
 CSA C22.2 No. 137  
 Junction Box  
 Suitable For Wet Locations



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