



DESIGNED FOR USE IN ATEX ZONE RATED ATMOSPHERES

- Twin Fluorescent lamps for security (sold separately)
- Individual lamp control gear
- 8,000 hour lamp life
- Available in five colors and clear
- Ex 'e' terminal chamber available
- AC and DC voltage ranges
- Approved for use in Zone 1, 2, 21, 22 Atmospheres

ATEX IEC  **CE**

Explosion-Proof Static Warning Lights

2000 Series Models FL18 and FL36

The 2000 Series model FL18 and FL36 static warning beacons are visual signals designed for use in hazardous locations that require ATEX approval. At the heart of its design is a compact fluorescent lamp configuration that provides long life, excellent vibration resistance and a signal-specific colored glow.

FL18 and FL36 beacons are sealed from dust and water by a nitrile rubber o-ring seal. All exterior cast aluminum surfaces are finished in powder coat paint and external hardware is manufactured from stainless steel to resist corrosion. Available signal colors are Amber, Blue, Clear, Green, Red, and Yellow.

The FL18 and FL36 beacons are externally powered by an AC or DC source. Screw type terminal blocks are provided for field wiring on all units.

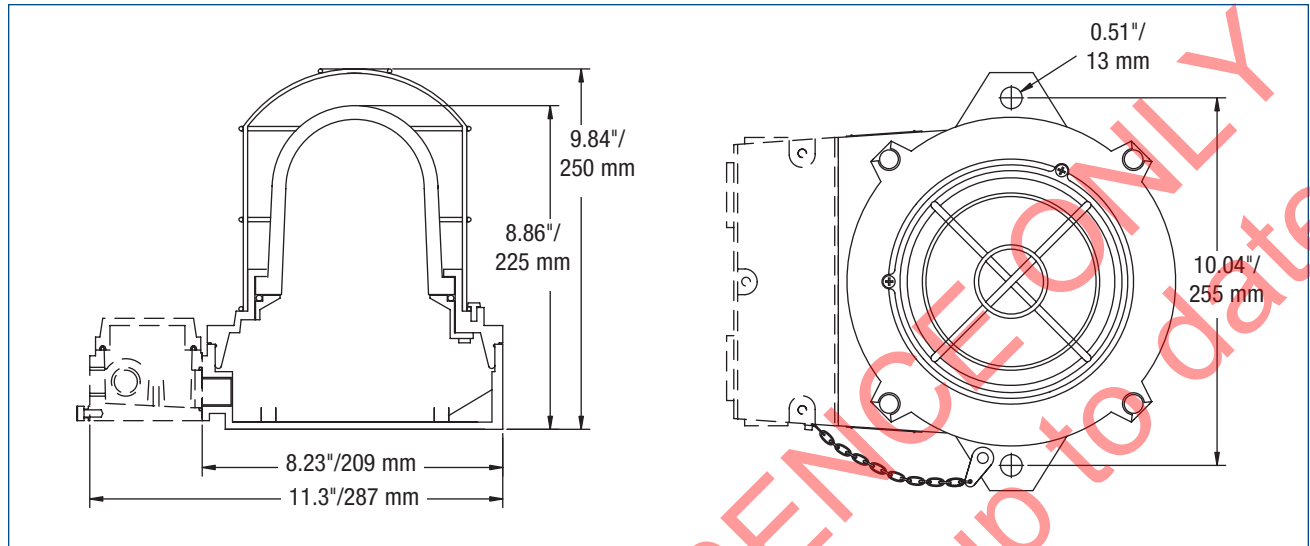
All variations of the FL18 and FL36 beacons feature a four entry fixture to allow cable looping. These cable entries are metric M20 X 1.5, but other configurations are available upon request.

| Model | Voltage | Operating Current | Equivalent Wattage |
|-------|---------|-------------------|--------------------|
| FL18 | 240VAC | 0.18 amps | 17.5 watt |
| FL18 | 110VAC | 0.27 amps | 16.0 watt |
| FL18 | 110VDC | 0.14 amps | 14.5 watt |
| FL18 | 48VDC | 0.42 amps | 19.2 watt |
| FL18 | 24VDC | 0.87 amps | 20.9 watt |
| FL36 | 240VAC | 0.18 amps | 40.2 watt |

Specify color: (A) Amber, (B) Blue, (C) Clear, (G) Green, (R) Red or (Y) Yellow



EXPLOSION-PROOF STATIC WARNING LIGHTS (2000 SERIES FL18/FL36)



SPECIFICATIONS

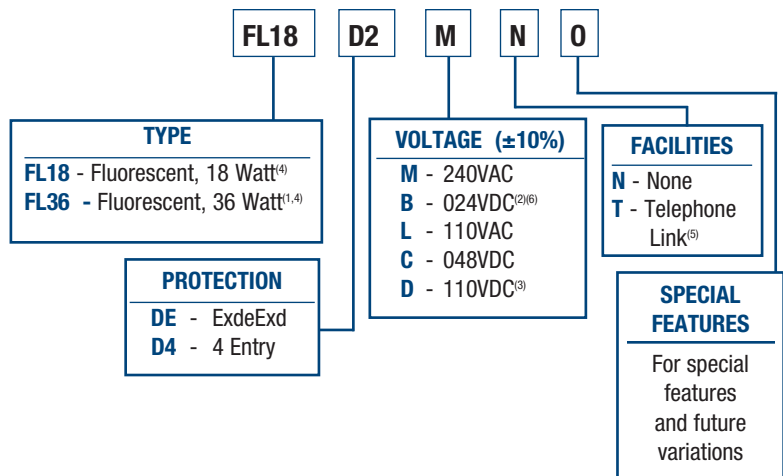
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|---------------------------|-----------------------|------------------------|---------------------|--|
| Lamp Life: | 8,000 Hours | 8,000 Hours | Terminals: | |
| Light Source: | Fluorescent | Fluorescent | Ex d: | 4 way block mounted PCB |
| Operating Temperature: | | | Ex de: | 12 way block in terminal |
| Ex d and Ex de: | -40°F to 158°F | -40°C to 70°C(T4) | Cable entries: | |
| chamber | | | Ex d: | 4 entries - M20 x 1.5 |
| Net Weight: | | | Ex de: | 4 entries - M20 x 1.5 |
| Ex d: | 13.23 lbs. | 6.0 kg | Mounting: | Via fixed cast lugs at two mounting points |
| Ex de: | 15.43 lbs. | 7.0 kg | Body: | Marine Grade Alloy painted Regal Red |
| Shipping Weight: | 16.5 lbs. | 7.5 kg | Exterior dome: | Toughened glass |
| Height: | 9.84" | 250.0 mm | Guard: | 316 Stainless steel |
| Width: | 10.04" | 255.0 mm | Ingress Protection: | IP66 |
| Length: | 8.23" | 209.0 mm | | |
| ATEX Certificate Number: | Baseefa 07ATEX0150 | | | |
| IECEx Certificate Number: | IECEx BAS 07.0038 | | | |
| Certification Marking: | Ex d IIB T4 Ex tD A21 | Ex de IIB T4 Ex tD A21 | | |

HOW TO ORDER

Fluorescent Lamps Sold Separately:

Two Required for FL18,
Four Required for FL36

| | |
|-----------------|------------|
| FL Tube, Amber | P/N A2158A |
| FL Tube, Blue | P/N A2158B |
| FL Tube, Clear | P/N A2158 |
| FL Tube, Green | P/N A2158G |
| FL Tube, Red | P/N A2158R |
| FL Tube, Yellow | P/N A2158Y |



NOTES:

(1) Only the 240VAC voltage is available with FL36 beacon

(2) Range 22VDC to 32VDC with FL18 beacon

(3) Range 100VDC to 135VDC with xenon beacons (inclusive of ±10%).

FL18 is 100VDC to 150VDC inclusive of ±10%.

(4) 2 pcs. required for FL18, 4 pcs. required for FL36

(5) Applicable to Xenon AND LED beacons only

(6) LED beacon available in 24VDC and 110-240VAC only