FVS long twin tube fluorescent luminaires

Applications:
FVS long twin tube fluorescent luminaires are used:
- Where low mounting heights or limited mounting room exists
- For task oriented lighting
- Where a cool, efficient light source is required
- In areas that require lamps to reach full illumination immediately
- In industrial and chemical processing
- In waste or sewage treatment facilities
- In non-hazardous commercial and industrial areas
- In food and pharmaceutical plants where a non-glass lens is required
- Where fluorescent lighting has been preferred, but unavailable due to limited space and practicality

Features:
- Compact, lightweight, low profile design is ideal for confined areas and tight corners
- Reaches full illumination immediately and delivers light output equivalent to fixtures twice its size
- Fast-Latch™ closure provides quick and easy access for relamping and maintenance – no tools necessary
- Silicone sealing gasket provides exceptional watertight and dusttight bond, providing excellent performance in wet and corrosive environments
- Power disconnect switch (Eaton’s Crouse-Hinds series ESWP) automatically cuts power to the lamps and ballast when the lens is opened
- Shatter-resistant polymeric lens (0.125 thick) provides environmental and corrosion protection
- Available in UNV (120-277) and 347, 50/60 Hz voltages
- Two-lamp fixture, uses single-ended 40 watt lamps
- Multiple mounting capability
- Energy saving electronic ballast is standard

Size ranges:
- All luminaires are 24.00” L x 12.00” W x 3.12” H
- Conduit entrances are ¾”

Electrical ratings:
- 120-277 VAC, 50-60 Hz
- 347V, 60 Hz
- Two 40W long twin tube lamps

Certifications and compliances:
NEC/CEC:
- Class I, Division 2, Groups B, C, D
- Class II, Division 1, Groups E, F, G (suffix S813)
- Class II, Division 2, Groups F, G
- Class III & Simultaneous Presence (Class I and Class II)

Note: Aiming limitations
- Class II, Class III & Simultaneous Presence
- Aim down to horizontal
- Cannot aim up

UL standards:
- UL844 – Hazardous (Classified) Locations
- UL1598 – Luminaires
- UL1598A – Marine Locations

CSA standard:
- C22.2 No. 137

Standard materials:
- Housing – corrosion-resistant die cast copper-free aluminum
- Lens – shatter-resistant nylon; polycarbonate (optional, suffix S813)
- Gasket – silicone rubber
- Hinges and closure hardware – extruded aluminum with stainless steel pivots

Standard finishes:
- Housing – epoxy powder coat
- Hinges and closure hardware – anodized
- Reflector – highly specular aluminum

Photometrics:
- Complete photometrics can be found at www.crouse-hinds.com/photometrics

Options:
- Fused – to protect ballast under abnormal line conditions ....................................... S658
- Fixture supplied with two F40BX/SPX35 lamps .......................................................... S714
- Corro-free epoxy finish, internal and external ............................................................. S753
- Tamperproof ................................... Contact factory

Accessories (ordered separately):
- Trunnion mount kit .............................................. FVS-K5
  Permits vertical mounting of luminaire on a beam when used with a standard beam clamp
  Can be mounted directly to a wall or ceiling
  Can be pole mounted when used in conjunction with a SFA6 slipfitter adapter (ordered separately)
  Constructed from copper-free aluminum
  Supplied with a CGB cord connector
- Slipfitter adapter to be used with trunnion arm ........................................ SFA6

Weight:
<table>
<thead>
<tr>
<th>Type</th>
<th>Luminaire without lamps (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard 2-lamp FVS</td>
<td>12.00</td>
</tr>
</tbody>
</table>

Temperature performance data:

<table>
<thead>
<tr>
<th>Style</th>
<th>Ambient temp. °C</th>
<th>Class I, Div. 2</th>
<th>Class II See aiming limitations</th>
<th>Simultaneous presence</th>
<th>Supply wire °C</th>
<th>Minimum operating temp.</th>
</tr>
</thead>
<tbody>
<tr>
<td>All</td>
<td>40</td>
<td>13C</td>
<td>16</td>
<td>13C / 16</td>
<td>75</td>
<td>-18°C (0°F)</td>
</tr>
<tr>
<td>All</td>
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Luminaire includes all necessary provisions for these installations:

- Ceiling mount
- Pendant mount
- Corner mount
- Horizontal wall mount
- Vertical wall mount

Ordering information:

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Lamp watts</th>
<th>Hub size (4)</th>
<th>Cat. #</th>
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</thead>
<tbody>
<tr>
<td>120-277 (50 or 60 Hz)</td>
<td>40</td>
<td>7/4</td>
<td>FVS20/UNV</td>
</tr>
<tr>
<td>347 (50 or 60 Hz)</td>
<td>40</td>
<td>7/4</td>
<td>FVS23</td>
</tr>
</tbody>
</table>

Cat. # With Class II, Division 1 suitability

- FVS20/UNV SB13
- FVS23 SB13

Dimensions:

FVS with trunnion arm: 26.25" L x 13.50" W x 3.12" H