Haz-Linear 7 Linear Fluorescent XFM Series

Explosion Proof Fluorescent Light Luminaire

The XFM Series is a must for any explosive atmosphere location! This product has five different hub entries at each end, enabling the installer to wire the luminaire at more desirable angles. Center ballast placement provides a more balanced luminaire for ease of installation and weight distribution.

The XFM Series is available in 2’ (2 lamp fixture only) and 4’ lengths for 2, 3 and 4 lamp combinations in T5, T5HO, T8, and T8HO. Lamps included.

Applications
- Paint spray booths
- Marine outdoor
- Chemical plants
- Wastewater treatment areas
- Oil drilling rigs, refineries
- Grain elevators
- Coal & dust storage
- Factory sealed, cast natural aluminum (U.S. Foundry) that is lightweight.
- Ballast mounted in the center for better balance and low profile.
- One piece painted aluminum reflector
- .189” wall borosilicate glass tubes

Features
- UL 844 listed and labeled for hazardous locations
- Class I, Division 1, Groups C and D; Class I, Division 2, Groups A, B, C and D
- Class II, Divisions 1 and 2, Groups E, F and G
- UL 1598A listed and labeled – marine type lighting luminaire – outside type (salt water)
- UL 1598A testing equivalent to NEMA 4X requirements for hose-down and corrosion resistance
- UL listed 1598
- UL listed and labeled for use inside paint spray booths and rooms

Listings
- Class III
- UL 1598A listed and labeled – marine type lighting luminaire – outside type (salt water)
- UL listed and labeled – marine type lighting luminaire – outside type (salt water)
- UL C approved and labeled Class I, Division 1, Groups C and D
- NEMA 3, 4X, 7CD, 9EFG
- Simultaneous presence Class I and Class II
- Class I, Zone 1, Group II A
- Class I, Zone 1, Group II B

Operating Temperature Codes Based on 40° C Ambient

<table>
<thead>
<tr>
<th>Luminaire</th>
<th>Class I, DIV 1 Groups C &amp; D</th>
<th>Class I, DIV 2 Groups A, B, C, D</th>
<th>Class II, DIV 1 Groups E, F, G</th>
<th>Simultaneous Presence Class I &amp; II</th>
</tr>
</thead>
<tbody>
<tr>
<td>XFM</td>
<td>T6 = 85° C</td>
<td>T4 = 135° C</td>
<td>T4 = 135° C</td>
<td>T4 = 135° C</td>
</tr>
</tbody>
</table>

Lamp Wattages

<table>
<thead>
<tr>
<th>Lamp Type</th>
<th>2 ft. Watts</th>
<th>4 ft. Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>T5</td>
<td>14</td>
<td>28</td>
</tr>
<tr>
<td>T5HO</td>
<td>24</td>
<td>54</td>
</tr>
<tr>
<td>T8</td>
<td>17</td>
<td>32</td>
</tr>
<tr>
<td>T8HO</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>
Explosion Proof Fluorescent Light Luminaire

**Features**
- Only available as 4 ft. 2 lamp luminaire
- Vented battery compartment
- Explosion proof test switch and charging indicator light
- Minimum starting temperature 0º C (32º F)
- Maintenance free emergency ballast/battery pack/charger
- 575 to 1200 lumen operation (depending on lamp type)
- 3 year warranty

**Operation**
- Operates normally on 120V, 277V, 60 Hz or 220V 50 Hz
- Luminaire switches to charging mode and resumes normal lighting once AC power is restored
- When power fails the luminaire automatically switches to emergency mode. In emergency mode one lamp will provide safe egress lighting for at least 90 minutes.

**Options**

### Stainless Steel Guards

<table>
<thead>
<tr>
<th>Description</th>
<th>Catalog Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stainless Steel Guard 2 lamp 2ft</td>
<td>XFM-4466</td>
</tr>
<tr>
<td>Stainless Steel Guard 2 lamp 4ft</td>
<td>XFM-4211</td>
</tr>
<tr>
<td>Stainless Steel Guard 3 lamp 4ft</td>
<td>XFM-4557</td>
</tr>
<tr>
<td>Stainless Steel Guard 4 lamp 4ft</td>
<td>(2) XFM-4211</td>
</tr>
</tbody>
</table>

### Polycarbonate Shields (+/- 1/16" thickness)

<table>
<thead>
<tr>
<th>Description</th>
<th>Catalog Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polycarbonate Shield 2 lamp 2ft</td>
<td>XFM-4464</td>
</tr>
<tr>
<td>Polycarbonate Shield 2 lamp 4ft</td>
<td>XFM-4209</td>
</tr>
<tr>
<td>Polycarbonate Shield 3 lamp 4ft</td>
<td>XFM-4497</td>
</tr>
<tr>
<td>Polycarbonate Shield 4 lamp 4ft</td>
<td>(2) XFM-4209</td>
</tr>
</tbody>
</table>

### Mounting Options

#### Mounting Hanger Kits

<table>
<thead>
<tr>
<th>Description</th>
<th>Catalog Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall &amp; Ceiling Mounting Hanger Kit 2 or 3 lamp</td>
<td>XFM-4401</td>
</tr>
<tr>
<td>Wall &amp; Ceiling Mounting Hanger Kit 4 lamp Option 'MK' - Factory Installed</td>
<td>XFM-4405</td>
</tr>
<tr>
<td>Drop Mounting Hanger Kit 2 or 3 lamp</td>
<td>XFM-4405</td>
</tr>
<tr>
<td>Drop Mounting Hanger Kit 4 lamp</td>
<td>XFM-4403</td>
</tr>
</tbody>
</table>

### Emergency Battery Backup Ballast

UL 595, 844, 924, 1598
**Weights**

- **2 Lamp 2 Ft. Fixture**
  - Fixture Weight: 30#
  - Shipping Weight: 33#

- **3 Lamp 4 Ft. Fixture**
  - Fixture Weight: 45#

- **4 Lamp 4 Ft. Fixture**
  - Fixture Weight: 57#
  - (EMERGENCY)
  - Shipping Weight: 60#

**Dimensions (Nominal)**

**2L 2FT. Dimensions**

- 45 HUB
  - 7 1/4
  - 9

**2L 4FT. Dimensions**

- 45 HUB
  - 7 1/4

**3L 4FT. Dimensions**

- 45 HUB
  - 7 1/4

**4L 4FT. Dimensions**

- 45 HUB
Haz-Linear 6 Linear Fluorescent DFP Series

Front Access Industrial
Vapor/Dust Proof Fluorescent Light Luminaire

The DFP Series is a very versatile luminaire that is UL listed for hazardous environments (Class I, Division 2, Groups A, B, C and D and Class II, Division 2, Groups F and G). It is an ideal luminaire for industrial applications, wet locations and task lighting. Optional adjustable mounting brackets allow for precise aiming in multiple angles suitable for most applications.

The DFP Series is available in 2, 3, 4, 5 and 6 lamp options, all using a 3/16” tempered glass lens with acrylic and polycarbonate optional lenses. With multiple hub locations, the DFP Series can meet most of your wiring needs. Lamps not included.

Applications
- Chemical plants
- Paper mills
- Tunnels
- Water treatment
- Seacoast areas
- Prep, inspection, sanding
- Machining areas
- Coal & dust storage

Features
- Front access luminaire for hazardous locations
- Hinged front door frame
- Hinged ballast tray
- 3/16” tempered glass lens
- Zinc latches
- Spring loaded lamp holders – standard
- Sturdy 18 Ga. steel white powder coated housing

Specifications
- T8 LAMP TYPE
- 4 LAMP QTY
- UN VOLTAGE
- PFT HUB
- OPTIONS

DFP Series
- T5
- T8
- T5HO
- T8HO

Listings
- UL 844 listed U.S. and Canada
- UL 1598 listed U.S. and Canada for marine locations
- Class I, Division 2, Groups A, B, C, D
- Class II, Division 2, Groups F, G
- Class I, Zone 2, Groups II A & B
- Class III
- IP65, wet location
- 40° C ambient rating
- 55° C ambient rating for T8 (32 watt luminaires only)
- 40° C ambient rating
- 55° C ambient rating

DFP T-Ratings

<table>
<thead>
<tr>
<th>Model</th>
<th>Rated Ambient Deg. C</th>
<th>Supply Wiring Temperature</th>
<th>Class I, Div. 2 Operating Temperature Code</th>
<th>Class II, Div. 2 Operating Temperature Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>DFP-T5</td>
<td>40°</td>
<td>75°</td>
<td>T3C (160° C)</td>
<td>T4A (120° C)</td>
</tr>
<tr>
<td>DFP-T5HO</td>
<td>40°</td>
<td>75°</td>
<td>T3C (160° C)</td>
<td>T4A (120° C)</td>
</tr>
<tr>
<td>DFP-T8HO</td>
<td>40°</td>
<td>75°</td>
<td>T4A (120° C)</td>
<td>T4A (120° C)</td>
</tr>
<tr>
<td>DFP-T8</td>
<td>55°</td>
<td>75°</td>
<td>T5 (100° C)</td>
<td>T4A (120° C)</td>
</tr>
</tbody>
</table>

* Note: DFP-T8 with EM option (emergency battery backup) reduces rated ambient to 40°C

Lamp Wattages

<table>
<thead>
<tr>
<th>4 ft. Model</th>
<th>Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>T5</td>
<td>28 WATT</td>
</tr>
<tr>
<td>T5HO</td>
<td>54 WATT</td>
</tr>
<tr>
<td>T8</td>
<td>32 WATT</td>
</tr>
<tr>
<td>T8HO</td>
<td>44 WATT</td>
</tr>
</tbody>
</table>
Dimensions (Nominal)

1/2 NPT HUBS

1/2 NPT BOTH ENDS

INTEGRATED ACCESS DOOR HINGE

"A"

51 1/2"

53 1/8"

5 5/16"

Mounting Guide

Cable Hang Kit
Part Number: DFP-CABLE (zinc coated)
QTY 2 cables with toggle ends
and QTY 2 self locking gripples
52 1/4" between chains

Pendant Style Mounting (standard)
NOTE: Conduit provided by others
Fixture suspended with 1/2" electrical conduit
using top hubs on fixture at both ends.

Adjustable Surface Mounting Bracket Kit
Part Number: DFP-SURFACE (galvanized)
DFP-SURFACESS (stainless steel)
Bracket attachment point for optional mounting methods

Chain Hang Kit
Part Number: DFP-CHAIN

Bracket attachment point for optional mounting methods

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