Lighting: Fluorescent & LED Tube Lighting Fixture, DFP-S Series (Short end cap)

Flameproof and Dust protection by enclosure
Zone 1 & 2 – 21 & 22

Specification

Body and cover: Marine grade copper-free aluminium alloy with polyester powder coated, RAL 7032 (grey)
Glass tube: Borosilicate glass
Reflector: Sheet steel with polyester powder coated, RAL 9016 (white)
Protective guard: Stainless steel
Sealing gasket: Silicone

Technical Data

Hazardous Area
Gas
Dust
Zones
1 & 2
21 & 22
Equipment Group/Category
II 2G
II 2D
Symbol of Protection
Ex db IIC T6 Gb
Ex tb IIC T85°C Db IP66
Certificate
TÜV CY 17 ATEX 0205887 X
Conformity to Standards
EN 60079-0:2012+A11:2013, EN 60079-1:2014,
EN 60079-31:2014
Ambient Temperature
-20°C to +55°C
Index of Protection
IP66
Entries
2- M20x1.5, 2- M25x1.5 or 2- Ø3/4” NPT (1-stopping plug)
Mounting
Ceiling, Pendant, Bracket, Stanchion or Pole mount
Connection
L, N and E; for 1-4mm² cable
Rated Voltage
110-240V.ac 50/60Hz. (P.F. ≥ 0.98)

Polar Luminous Intensity Distribution

Complete photometrics, please contact us.
# Lighting: Fluorescent & LED Tube Lighting Fixture, DFP-S Series (Short end cap)

Flameproof and Dust protection by enclosure  
Zone 1 & 2 – 21 & 22

<table>
<thead>
<tr>
<th>Catalogue Number Logic</th>
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<td><strong>D</strong></td>
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<thead>
<tr>
<th><strong>Series</strong> (see catalogue number table)</th>
<th><strong>Lamp Watt</strong></th>
<th><strong>Type</strong></th>
<th><strong>LED Driver</strong></th>
<th><strong>Accessories</strong></th>
<th><strong>Body</strong></th>
<th><strong>Entries</strong></th>
<th><strong>Mounting</strong></th>
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<tbody>
<tr>
<td>F</td>
<td>L4</td>
<td>Fluorescent lamp</td>
<td>LED (driver 25W LED tube)</td>
<td>Protective guard</td>
<td>Short end cap</td>
<td>M1 M20x1.5</td>
<td>C Ceiling (standard)</td>
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<td>LED tube</td>
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<td>External reflector</td>
<td></td>
<td>M2 M25x1.5</td>
<td>C1 Ceiling (for pipe), Fixed</td>
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<td></td>
<td>Emergency power unit</td>
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<td>N2 3/4&quot; NPT</td>
<td>C2 Ceiling (for pipe), Swing</td>
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<td>P1 Pendant (for chain)</td>
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<td>P2 Pendant (for pipe)</td>
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<td>B Bracket</td>
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## Ordering Requirements and Dimension

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<td><strong>T8 Fluorescent Lamp</strong></td>
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<tr>
<td>DFP-118L4-S-S-</td>
<td>1x 18W.</td>
<td>220-240V.ac 50/60Hz.</td>
<td>Electronic</td>
<td>T6 T6</td>
<td>T85°C T85°C</td>
<td>3.95</td>
<td>750 645</td>
<td>6.80</td>
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<td><strong>T5 Fluorescent Lamp</strong></td>
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<td>1x 14W.</td>
<td>220-240V.ac 50/60Hz.</td>
<td>Electronic</td>
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<td>T85°C T85°C</td>
<td>3.95</td>
<td>750 645</td>
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<td>DFP-105LED-S-S-</td>
<td>1x 5W.</td>
<td>110-240V.ac 50/60Hz.</td>
<td>–</td>
<td>T6 T6</td>
<td>T85°C T85°C</td>
<td>3.95</td>
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<td>DFP-108LED-S-S-</td>
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<td>1x 9W.</td>
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<td>DFP-114LED-S-S-</td>
<td>1x 14W.</td>
<td>110-240V.ac 50/60Hz.</td>
<td>–</td>
<td>T6 T6</td>
<td>T85°C T85°C</td>
<td>7.02</td>
<td>1365 1258</td>
<td>9.30</td>
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<td>DFP-214LED-S-S-</td>
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<tr>
<td>DFP-115LED-S-S-</td>
<td>1x 15W.</td>
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<td>DFP-215LED-S-S-</td>
<td>2x 15W.</td>
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<td>DFP-116LED-S-S-</td>
<td>1x 16W.</td>
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<td>DFP-216LED-S-S-</td>
<td>2x 16W.</td>
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<tr>
<td>DFP-118LED-S-S-</td>
<td>1x 18W.</td>
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<tr>
<td>DFP-218LED-S-S-</td>
<td>2x 18W.</td>
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<td>DFP-120LED-S-S-</td>
<td>1x 20W.</td>
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<tr>
<td>DFP-220LED-S-S-</td>
<td>2x 20W.</td>
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<td>DFP-122LED-S-S-</td>
<td>1x 22W.</td>
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<tr>
<td>DFP-222LED-S-S-</td>
<td>2x 22W.</td>
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<td>DFP-125LED-D-S-S-</td>
<td>1x 25W.</td>
<td>110-240V.ac 50/60Hz.</td>
<td>LED Driver</td>
<td>T6 T6</td>
<td>T85°C T85°C</td>
<td>7.02</td>
<td>1365 1258</td>
<td>10.60</td>
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<td>DFP-225LED-D-S-S-</td>
<td>2x 25W.</td>
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**Remark**: The maximum surface temperatures are specified for dust free condition. The dust layer which may cover around the lighting fixture will cause to higher surface temperature.

Lighting source: cool white (6500K) are standard and/or warm white (3000K), please specify.

[Diagram of lamp with specifications]
**Lighting: Fluorescent & LED Tube Lighting Fixture, DFP-S Series (Short end cap)**

**Installation Information**

**Pole mount**

- **Bracket mount (or wall mount)**
  - For 1-1/2" pipe
  - M10x1.5 bolt
  - Nut (fixing)

- **Ceiling mount (standard)**
  - 3/4" NPT

- **Ceiling mount (for pipe)**
  - M8x1.25 Eye bolt

- **Pendant mount (for pipe)**
  - 55°

**Wiring Diagram**

- **Electronic ballast for fluorescent lamp:**
  - 1x 14W., 1x 28W., 1x 18W. and 1x 36W.

- **LED Tube without driver:**
  - 1x Lamp
  - 2x Lamp

- **LED Tube with driver (25W. only):**
  - 1x 25W.

- **Fluorescent & LED Tube with driver:**
  - LED Tube with driver (25W. only)
  - 1x 25W.

- **110-240V.ac 50/60Hz.**
  - 220-240V.ac 50/60Hz.

**Flameproof and Dust protection by enclosure**

Zone 1 & 2 – 21 & 22