

FEATURES

- ▼ Custom designed for 300 mm wide linear plank ceiling systems.
- ▼ Parallel or perpendicular mounting using the same luminaire.
- ▼ No trim kit or additional hardware required.
- ▼ Mounting kit (brackets and straps) included.
- ▼ Electro-galvanized steel housing assembly with a white oven-cured polyester powder coat high gloss protective finish for superior corrosion resistance.
- ▼ Light weight and very low profile for easy installation.
- ▼ Spring loaded twist-lock lampholders.
- ▼ Self retained, spring loaded lens frame.
- ▼ Vibration resistant, thumb screw lens frame option.
- ▼ Optional pre-wired feed-through with terminal blocks can be provided.
- ▼ 2' (600 mm) or 4' (1200 mm) versions.
- ▼ Red Filter Tube option allows for red filter to be operated on a separate circuit for darken ship mode.
- ▼ Three and four lamp models are provided with 2 ballast for independent switching or color effects.
- ▼ 5 year warranty.

APPROVALS

- ▼ UL 1598A - Marine Inside Type
- ▼ UL 924 - Emergency Lighting
- ▼ B-15 Fire Rating, when integrated with B-15 fire rated ceiling and properly insulated.
- ▼ ABS
- ▼ Conforms to IP 20

APPLICATIONS

- ▼ Marine environments
- ▼ Offshore oil and gas platforms.
- ▼ Drill ships and exploration vessels.
- ▼ Tankers.
- ▼ Corridor and amenity lighting.
- ▼ Accommodation areas.
- ▼ Control rooms.

OPTIONS

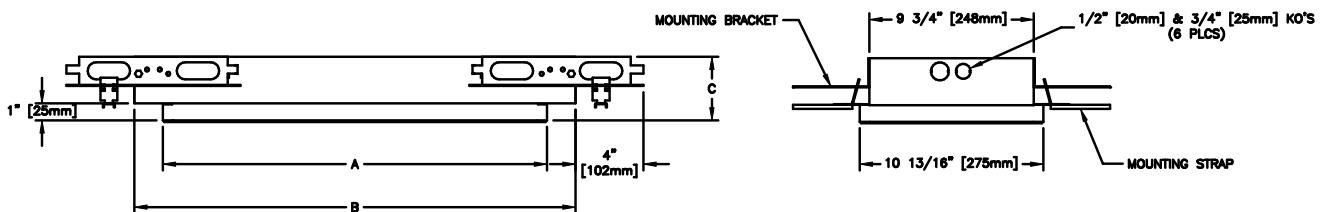
To obtain a luminaire with any of the options listed below, please add the following suffix to the part number (not all options can be combined):

- | | |
|---|-------|
| ▼ Emergency Ballast (1 lamp) | EM |
| ▼ Terminal Block | T |
| ▼ Pre-Wired Feed-Through | FT |
| ▼ Translucent White Lens | E |
| ▼ Thumb Screw Lens Frame | V |
| ▼ 120-277v 50/60 Hz (17, 24, 32 & 54w) | -127 |
| ▼ 220VAC 60Hz | -226 |
| ▼ 220VAC 50Hz | -225 |
| ▼ 277VAC 60Hz | -276 |
| ▼ Parabolic Louvre | P |
| ▼ Metallized Square Grids | C |
| ▼ Red Filter Tube (1 Lamp) | RV-1* |
| ▼ Red Filter Tube (all Lamps) | RV* |
| ▼ Blue Filter Tube (1 Lamp) | BV-1* |
| ▼ Blue Filter Tube (all Lamps) | BV* |
| ▼ A wide variety of additional louvers and grids available. | |

* 17w, 20w, 32w & 40w only.

DIMENSIONS

	A	B	C
2 X 17W, 20W, 24W	22 ⁵ / ₈ (575mm)	27 (686mm)	3 ³ / ₄ (95mm)
3 X 17W, 24W	22 ⁵ / ₈ (575mm)	27 (686mm)	4 ⁵ / ₈ (117mm)
2 or 3 X 40W CF	22 ⁵ / ₈ (575mm)	27 (686mm)	4 ⁵ / ₈ (117mm)
2 X 32W, 40W, 54W	46 ¹ / ₄ (1175mm)	50 ⁵ / ₈ (1286mm)	3 ³ / ₄ (95mm)
3 X 32W, 54W	46 ¹ / ₄ (1175mm)	50 ³¹ / ₃₂ (1295mm)	4 ⁵ / ₈ (117mm)
4 or 6 X 40W CF	46 ¹ / ₄ (1175mm)	50 ³¹ / ₃₂ (1295mm)	4 ⁵ / ₈ (117mm)



LUMINAIRE TECHNICAL SPECIFICATIONS

HOUSING

Electro-galvanized steel housing with an oven-cured polyester powder coat protective finish.

REFLECTORS

Made of highly specular copper-free aluminum.

LAMP HOLDERS

Spring loaded, twist lock.

LAMP TYPE

T5, T8 and T12 models use standard lamps dependent on wattage, which are not provided. Compact fluorescent versions are available in two, four and 6 lamp 40w and 55w luminaires which are provided.

BALLAST

Standard luminaires equipped with a High Power Factor (HPF) 120v 60Hz ballast. All ballast electronic with the exception of 20w T12. Magnetic ballasts are available, please contact factory. Other voltage options and emergency ballasts also available.

OUTLETS

All units are supplied with one 1/2" and 3/4" NPT knockouts on ends, top and side.

LENS AND LENS ASSEMBLY

Luminaire is provided with a high impact DR acrylic prismatic lens as standard, held into a self retained spring loaded lens frame. For high vibration areas, an optional thumb screw lens frame can be provided. Translucent white lens is also available.

TERMINAL BLOCK

An optional terminal block or a feed-through, pre-wired dual terminal block is available.

WEIGHT

	2 Lamp	3 Lamp
2 foot	18.5 lbs	19.5 lbs
4 foot	25.0 lbs	26.0 lbs

ORDERING REFERENCES

ORDERING SAMPLE PART NUMBER = FRD217225FTP

FRD with 2 lamps, 17 watts, 220 voltage, 50 Hz, pre-wired feed-through and parabolic louvre.	1.	2.	3.	4.	5.
	FRD	2	17	225	FTP

(1) SERIES FRD - Linear Fluorescent FRDC - Compact Fluorescent
(2) LAMP QUANTITY 2 lamps 3 lamps (17w, 24w, 32w, 40w CF and 54w only) 4 lamps (40w CF only) 6 lamps (40w CF only)
(3) LAMP WATTAGE AND LAMP TYPE 17w - 2 foot 20w - 2 foot 24w - 2 foot 32w - 4 foot 40w CF - 2 foot - 2 or 3 lamp 40w CF - 4 foot - 4 or 6 lamp 40w - 4 foot 54w - 4 foot
(4) VOLTAGE Blank = 120VAC, 60 Hz -225 = 220VAC, 60Hz -226 = 220VAC, 50Hz -276 = 277VAC, 60Hz
(5) OPTIONS See previous page.

SPARE PARTS			
LAMP HOLDERS			
17w/20w/32w/40w			FX4032
24w/54w			FX4065
40w Compact Fluorescent			FX4043
LENS - PRISMATIC			
2 foot			FX2228
4 foot			FX2229
TERMINAL BLOCK			
3 pole			FX3048
BALLASTS			
1 x 17w	FX5173	1 x 40w	FX5011
2 x 17w	FX5260	2 x 40w	FX5004
1 x 20w	FX5009	2 x 40w CF	FX5272
2 x 20w	FX5001	3 x 40w CF	FX5309
1 x 24w	FX5307	1 x 54w	FX5305
2 x 24w	FX5307	2 x 54w	FX5305
1 x 32w	FX5173H	E M	FX5019U
2 x 32w	FX5206H		
RED FILTER TUBE			
17w T8			FX2193RED
20w T12			FX2192RED
32w T8			FX2195RED
40w T12			FX2194RED
LAMP			
40w Compact Fluorescent			FX3533