



FEATURES

- ▼ Housing available in:
 - FAS - Copper free aluminum
 - FPS - Fiberglass reinforced polyester
 - FSS - Stainless steel with natural finish
- ▼ Shoc♦Loc™ bi-pin spring loaded lampholders for double ended lamps provide a positive contact and resistance to shock and vibration while maintaining positive electrical pin contact. Standard for T5, T8 and T12 lamp types.
- ▼ External stainless steel hardware for maximum corrosion resistance.
- ▼ Stainless steel cable lens retainers for maximum durability and hands free lamp replacement.
- ▼ Stainless steel over the center cam latches and a one piece neoprene gasket for a watertight seal.
- ▼ Stainless steel spring style mounting feet.
- ▼ Low temperature rated ballast 0° F (-18° C) standard on T5 and T8; T12 HO linear fluorescents -20° F (-29° C).
- ▼ Marine Outside Type Saltwater (option WT):
 - Allows outside type salt water applications.
 - Low temperature (0° F) ballast for reliable starting in cold weather.
 - Two nonmetallic cable glands provided as standard.
- ▼ Three lamp models are provided with (1) single lamp ballasts and (1) two lamp ballasts for independent switching or filter tube options.
- ▼ Mil-spec alternative (option MIL):
 - 10 feet of low smoke cable provided.
 - Mounting footprint matches symbol 77.4 (1 and 2 lamp) and symbol 333.1 (3 lamp).
 - Lamps included.
- ▼ 5 year warranty.

APPROVALS

- ▼ UL 1598A - Marine Inside Drip Proof Type
- ▼ UL 1598A - Marine Outside Type Saltwater (WT option)
- ▼ Type 4X (WT Option)
- ▼ UL 924 - Emergency Lighting Equipment
- ▼ IP 66
- ▼ ABS

APPLICATIONS

- ▼ Marine and wet environments
- ▼ Offshore oil and gas platforms
- ▼ Drill ships and exploration vessels
- ▼ Tankers and cargo ships
- ▼ Drilling rigs

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):

▼ Terminal Block	T
▼ Access Plate with Terminal Block (FPS only)	TWC
▼ Clear Polycarbonate Drop Lens	XC
▼ DR Acrylic Lens	DR
▼ End Style Mount	AM
▼ Red Filter Tube (1 lamp)	RV-1*
▼ Blue Filter Tube (1 lamp)	BV-1*
▼ Yellow Filter Tube (1 lamp)	YV-1*
▼ Emergency Ballast (1 lamp)	EM
▼ Emergency Ballast (2 lamps)	EM2*
▼ 120-277 50/60Hz (17, 24, 32, 35, 54 & 60w)	-127
▼ 220v 50Hz	-225
▼ 220v 60Hz	-226
▼ 277v 60Hz	-276*
▼ Marine Outside Type Saltwater	WT**
▼ Mil-Spec Alternative (120v AC 60Hz only)	MIL***

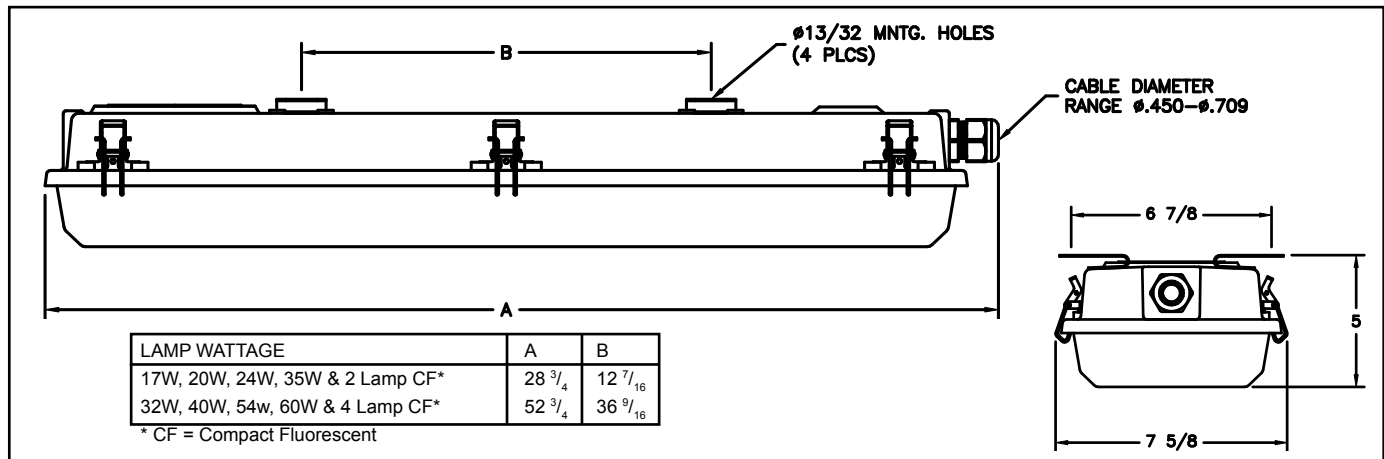
* Not available in 24w, 35w, 54w or 60w.

** Not all optional voltages are available in WT.

*** Available in FAS and FSS models only. Available in 2 foot fluorescent lamps or 2 lamp compact fluorescent only. Not UL approved or First Article Tested.

LUMINAIRE TECHNICAL SPECIFICATIONS

DIMENSIONS



Dimensions in inches

HOUSING

FAS - Copper free aluminum with an oven-cured polyester powder coated protective finish, FPS - Fiberglass reinforced polyester with a natural finish, FSS - Stainless steel with a natural finish.

LATCHES

Over the center stainless steel cam latches. 2 foot luminaires have 3 latches on each side, 4 foot luminaires have 5 latches on each side.

OUTLETS

All units are supplied with two slip holes to accommodate ³/₄" NPT fittings, one end is plugged the other end has a nonmetallic cable gland. Mil-spec alternative provided with 10 ft low smoke cable in accordance with MIL-DTL-16377H(SH) & MIL-C-24643/3.

REFLECTOR

White high gloss powder coated aluminum.

LAMP HOLDERS

Shoc♦Loc™ spring loaded bi-pin lampholders for double ended lamps provide a positive contact and resistance to shock and vibration while maintaining positive pin contact. Standard for T5, T8 and T12 lamp types.



LAMP TYPE

T5, T8 and T12 models use standard lamps dependant on wattage, but are not provided. Compact fluorescent versions are available in two and four lamp 40w and 55w luminaires. Compact fluorescent are supplied with lamps. MIL-SPEC option includes lamps.

BALLAST

A High Power Factor (HPF) 120v 60Hz ballast is supplied as standard. 17w, 24w, 32w, and 54w luminaires as well as 40w and 55w compact fluorescent luminaires are rated for starting in temperatures down to 0° F (-18° C) and 35w and 60w luminaires in temperatures down to -20° F (-29° C). 20w and 40w luminaires are 50° F (10°C). Other voltage options and emergency ballasts also available. All ballast electronic with the exception of 20w T12. Magnetic ballasts are available, please contact factory.

LENS

UV stabilized high impact resistant polycarbonate lens with matte finish is standard. Optional matte finish DR acrylic available.

GASKETS

One piece extruded neoprene gasket provides a watertight seal between the lens and housing.

MOUNTING

Through (4) \varnothing ¹³/₃₂" mounting holes provided on the stainless steel mounting legs. A seperate kit is available for corner mounting see spare parts. Mil-spec alternative option consistent with symbols 77.4 (1 & 2 lamp) and 333.1 (3 lamp). Consult factory for other mounting options.

ORDERING REFERENCES

FLUORESCENT & COMPACT FLUORESCENT LUMINAIRES

DESCRIPTION	NO OF LAMPS	LAMP TYPE	FAS	WEIGHT (LBS)	FPS	WEIGHT (LBS)	FSS	WEIGHT (LBS)
17w 265 MA 24" Lamp	One	F17T8	FAS117	8.2	FPS117	8.8	FSS117	12.1
	Two		FAS217	8.5	FPS217	9.0	FSS217	12.3
	Three		FAS317	11.3	FPS317	11.8	FSS317	15.1
20w Trigger Start 24" Lamp	One	F20T12	FAS120	9.3	FPS120	9.8	FSS117	131
	Two		FAS220	9.5	FPS220	10.1	FSS217	13.4
	Three		FAS320	13.3	FPS320	13.9	FSS317	17.2
24w High Output	One	F24T5 /HO	FAS124	8.2	FPS124	8.8	FSS124	12.1
	Two		FAS224	8.5	FPS124	9.0	FSS224	12.3
	Three		FAS324	11.3	FPS124	11.8	FSS324	15.1
32w 265 MA 48" Lamp	One	F32T8	FAS132	15.9	FPS132	16.7	FSS132	22.9
	Two		FAS232	16.2	FPS232	17.0	FSS232	23.2
	Three		FAS332	19.0	FPS332	19.8	FSS332	26.0
35w High Output 800 MA 24" Lamp	One	F24T12	FAS135	10.1	FPS135	10.7	FSS135	14.0
	Two		FAS235	10.4	FPS235	10.9	FSS235	14.2
	Three		N/A		N/A		N/A	
40w 430 MA 48" Lamp	One	F40T12	FAS140	17.0	FPS140	17.8	FSS140	24.0
	Two		FPS240	17.2	FPS240	18.0	FSS240	24.2
	Three		FPS340	21.0	FPS340	21.8	FSS340	28.0
54w High Output	One	F54T5 /HO	FAS154	15.9	FPS154	16.7	FSS154	22.9
	Two		FAS254	16.2	FPS254	17.0	FSS254	23.2
	Three		FAS354	19.0	FPS354	19.8	FSS354	26.0
60w High Output 800 MA 48" Lamp	One	F48T12 /HO	FAS160	17.8	FPS160	22.3	FPS160	25.0
	Two		FAS260	14.3	FPS260	22.6	FPS260	25.1
	Three		Consult Factory		Consult Factory		Consult Factory	
40w Single Ended Compact Fluorescent	Two Four	F40W /2G11	FASC440	9.5	FPSC240	10.1	FSSC240	13.4
			FASC440	20.8	FPSC440	21.6	FSSC440	27.8
55w Single Ended Compact Fluorescent	Two Four	F55W /2G11	FASC255	9.5	FPSC255	10.1	FSSC255	13.4
			FASC455	20.8	FPSC455	21.6	FSSC455	27.8

SPARE PARTS

BALLASTS

1 x 17w	FX5173	2 x 17w	FX5260
1 x 20w	FX5009	2 x 20w	FX5001
1 x 24w	FX5307	2 x 24w	FX5307
1 x 32w	FX5173H	2 x 32w	FX5260H
1 x 35w	FX5100	2 x 35w	FX5027
1 x 40w	FX5011	2 x 40w	FX5004
1 x 54w	FX5305	2 x 54w	FX5305
1 x 60w	FX5027	2 x 60w	FX5027
2 x 40w CF	FX5272	2 x 55w CF	FX5277

EMERGENCY BALLAST 120-277v

17, 20, 32 & 40w 1 lamp	FX5135U
35 & 60w 1 lamp	FX5085 (120v only)
17, 20, 32 & 40w 2 lamp	FX5135U
24w & 54w	FX5311 (120 or 277v only)

LATCHES

All Luminaires (except FPS)	FX8014
FPS	FX8014A

LENS GASKETS

17, 20, 24 & 35w	GKT6106-69
32, 40, 54 & 60w	GKT6106-117

LAMP HOLDERS

17, 20, 24, 32, 40 & 54w Stationary	FX4008
17, 20, 24, 32, 40 & 54w Spring	FX4009
Set (one of each)	FX4008SET
35 & 60w Stationary	FX4004
35 & 60w Spring	FX4005
Set (one of each)	FX4004SET
Compact Fluorescent	FX4043

MATTE POLYCARBONATE LENS (with Gasket)

17, 20, 24, 35w & 2 Lamp CF	FX2175
32, 40, 54, 60w & 4 Lamp CF	FX2177

CLEAR POLYCARBONATE LENS (with Gasket)

17, 20, 24, 35w & 2 Lamp CF	FX2163
32, 40, 54, 60w & 4 Lamp CF	FX2165

MATTE DR ACRYLIC LENS (with Gasket)

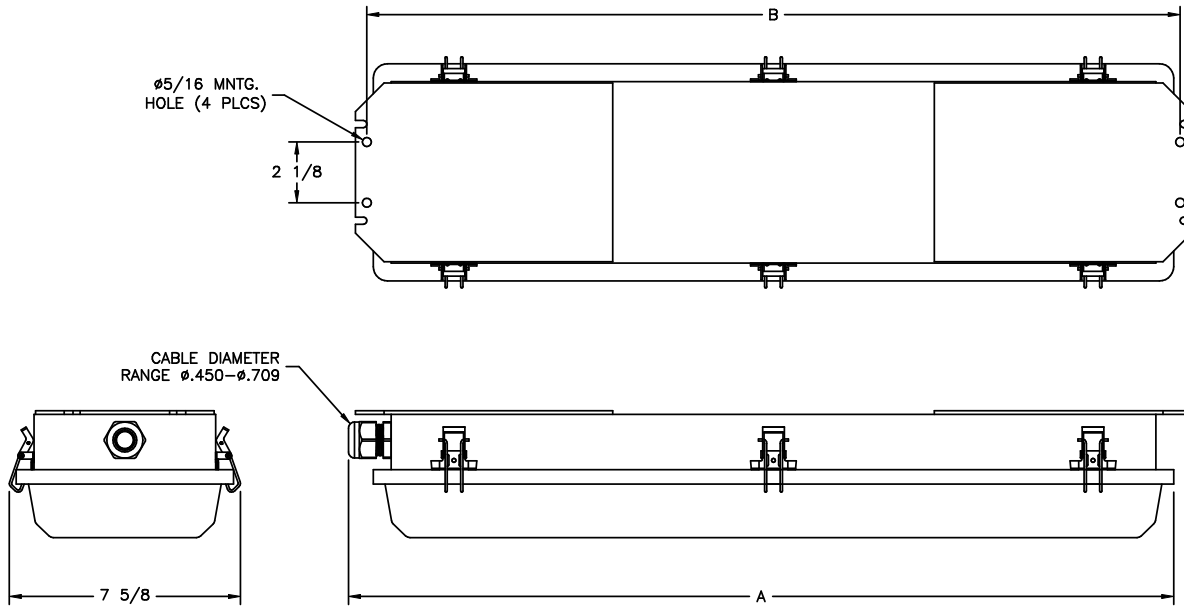
17, 20, 24, 35w & 2 Lamp CF	FX2176
32, 40, 54, 60w & 4 Lamp CF	FX2178

CABLE GLAND (All Luminaires) CX1517
3/4" NPT non metallic

CORNER WALL MOUNT KIT FPSWMKIT
(All Luminaires)

END STYLE MOUNT

FOR FAS AND FSS ONLY



LAMP WATTAGE	A	B
17W, 20W, 24W, 35W & 2 Lamp CF*	28 3/4	28 7/16
32W, 40W, 54w, 60W & 4 Lamp CF*	52 3/4	52 7/16

* CF = Compact Fluorescent