



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.
- ▼ High impact resistant polycarbonate lens.
- ▼ Low temperature rated ballast 0° F (-18° C) standard on T5 and T8; T12 HO linear fluorescents -20° F (-29° C).
- ▼ Standard rating is Marine Outside Type Saltwater:
 - Allows outside type salt water applications.
 - Low temperature (0° F) ballast for reliable starting in cold weather.
 - Two nonmetallic cable glands provided.
- ▼ Three lamp models are provided with (1) single lamp ballasts and (1) two lamp ballasts for independent switching.
- ▼ 5 year warranty.

APPROVALS

- ▼ UL 844 - Hazardous Location
 - Class I Division 2 Groups A, B, C & D
 - Class I Zone 2 Groups IIA, IIB, IIB+ H2 & IIC
- ▼ UL 924 - Emergency Lighting Equipment
- ▼ UL 1598A - Marine Outside Type Saltwater
- ▼ Type 4X
- ▼ IP 66
- ▼ CSA
- ▼ ABS

APPLICATIONS

- ▼ Hazardous Locations
- ▼ Marine and wet environments
- ▼ Offshore oil and gas exploration and production
- ▼ Petrochemical
- ▼ Refineries
- ▼ Water treatment facilities
- ▼ Salt and potash mines

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 (2 pole)	T
▼ Clear Polycarbonate Drop Lens	XC
▼ DR Acrylic Lens	DR
▼ End Style Mount	AM
▼ Emergency Ballast (1 lamp)	EM*
▼ Emergency Ballast (2 lamps)	EM2**
▼ Fused Ballast (not for marine use)	F
▼ Access Plate includes 4 pole Terminal Block	TWC***
▼ 120-277 50/60Hz (17, 24, 32, 35, 54 & 60w)	-127
▼ 220v 50Hz	-225
▼ 220v 60Hz	-226
▼ 277v 60Hz	-276
▼ 480v 60Hz/F54w/T5 and F55w/2G11	-486

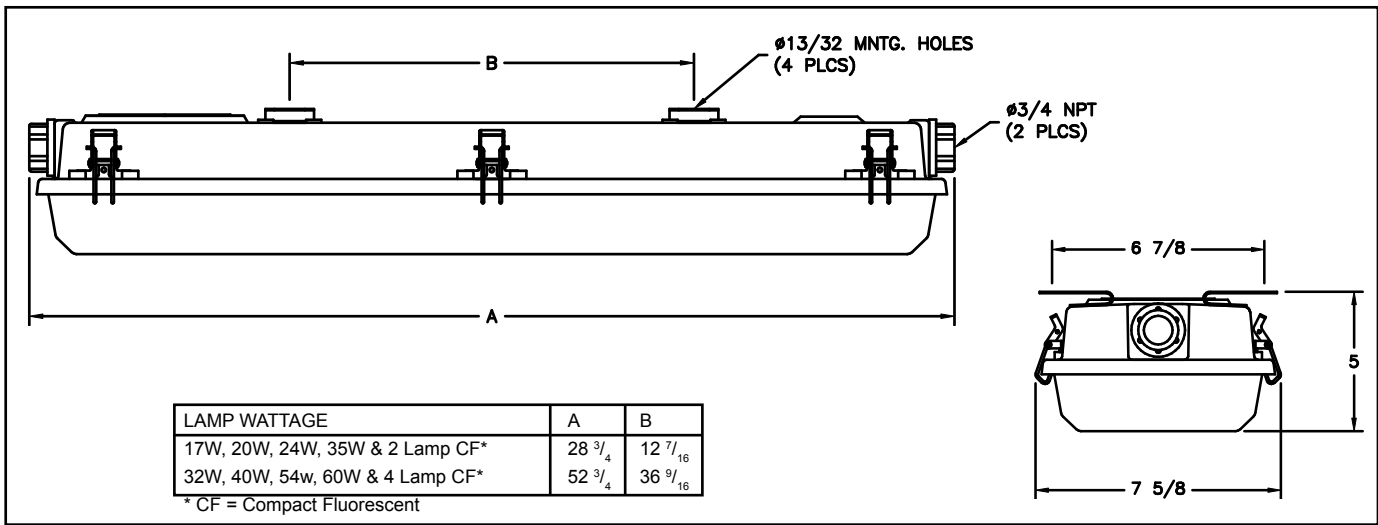
* Not available in 24w or 54w.

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

*** For FPS only.

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.

REFLECTOR

White high gloss powder coated aluminum.

LENS

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

OUTLETS

All units are supplied with two ³/₄" NPT outlets, one plugged, providing a thru-feed service where required.

GASKETS

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

LAMPHOLDER

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.



MOUNTING

Through (4) \varnothing ¹³/₃₂" mounting holes provided on the stainless steel mounting legs. A separate kit is available for corner mounting see spare parts. Consult factory for other mounting options.

BALLAST

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

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.

AMBIENT & OPERATING TEMPERATURE

LAMP RATING	TEMP CODE	AMBIENT
17w	T5	40°C
20w	T5	40°C
24w	T4	40°C
32w	T5	40°C
35w	T4	40°C
40w max linear fluorescent	T4A	40°C
40w max compact fluorescent	T4	40°C
54w	T3C	40°C
55w compact fluorescent	T3	40°C
60w	T4	40°C

ORDERING REFERENCES

FLUORESCENT & COMPACT FLUORESCENT LUMINAIRES								
DESCRIPTION	NO OF LAMPS	LAMP TYPE	FAS-D2	WEIGHT (LBS)	FPS-D2	WEIGHT (LBS)	FSS-D2	WEIGHT (LBS)
17w 265 MA 24" Lamp	One	F17T8	FAS117D2	8.2	FPS117D2	8.2	FSS117D2	11.7
	Two		FAS127D2	8.5	FPS127D2	8.5	FSS127D2	12.0
	Three		FAS137D2	11.3	FPS137D2	11.3	FSS137D2	14.8
20w Trigger Start 24" Lamp	One	F20T12	FAS120D2	9.7	FPS120D2	9.7	FSS120D2	13.2
	Two		FAS220D2	10.0	FPS220D2	10.0	FSS220D2	13.5
	Three		FAS320D2	13.5	FPS320D2	13.5	FSS320D2	17.0
24w High Output	One	F24T5 /HO	FAS124D2	8.2	FPS124D2	8.2	FSS124D2	11.7
	Two		FAS224D2	8.5	FPS224D2	8.5	FSS224D2	12.0
	Three		FAS324D2	11.3	FPS324D2	11.3	FSS324D2	14.8
32w 265 MA 48" Lamp	One	F32T8	FAS132D2	12.7	FPS132D2	12.7	FSS132D2	19.2
	Two		FAS232D2	13.0	FPS232D2	13.0	FSS232D2	19.5
	Three		FAS332D2	14.5	FPS332D2	14.5	FSS332D2	21.0
35w High Output 800 MA 24" Lamp	One	F24T12 /HO	FAS135D2	10.0	FPS135D2	13.7	FSS135D2	20.2
	Two		FAS235D2	10.3	FPS235D2	14.0	FSS235D2	20.5
	Three		N/A		N/A		N/A	
40w 430 MA 48" Lamp	One	F40T12	FAS140D2	14.2	FPS140D2	14.2	FSS140D2	20.7
	Two		FAS240D2	14.5	FPS240D2	14.5	FSS240D2	21.0
	Three		FAS340D2	18.5	FPS340D2	18.5	FSS340D2	25.0
54w High Output	One	F54T5 /HO	FAS154D2	12.7	FPS154D2	12.7	FSS154D2	19.2
	Two		FAS254D2	13.0	FPS254D2	13.0	FSS254D2	19.5
	Three		FAS354D2	15.8	FPS354D2	15.8	FSS354D2	22.3
60w High Output 800 MA 48" Lamp	One	F48T12 /HO	FAS160D2	14.5	FPS160D2	18.2	FPS160D2	24.7
	Two		FAS260D2	14.8	FPS260D2	18.5	FPS260D2	25.0
	Three		N/A		N/A		N/A	
40w Single Ended Compact Fluores- cent	Two Four	F40W /2G11	FASC240D2	9.7	FPSC240D2	9.7	FSSC240D2	13.2
			FASC440D2	18.5	FPSC440D2	18.5	FSSC440D2	25.0
55w Single Ended Compact Fluores- cent	Two Four	F55W /2G11	FASC255D2	9.7	FPSC255D2	9.7	FSSC255D2	13.2
			FASC455D2	18.5	FPSC455D2	18.5	FSSC455D2	25.0

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)

3/4" NPT non metallic CX1517

CORNER WALL MOUNT KIT

(All Luminaires) FPSWMMKIT



Notes: