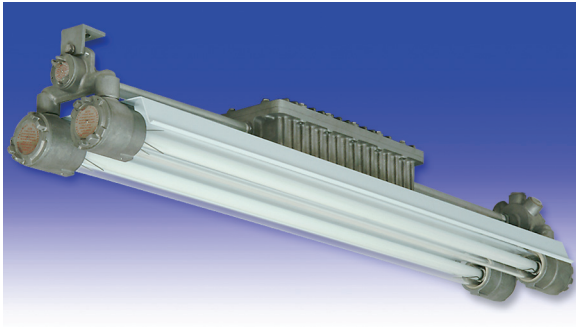




AIFX Series

FLUORESCENT | SURFACE **S**



EXPLOSION-PROOF LITE APPLICATIONS:

- UL/CUL Hazardous Location Class I, Division 1; Groups C & D
- Class II, Division 1; Groups E, F & G
- Class I, Division 2; Groups A, B, C & D
- Class II, Division 2; Groups E, F & G
- Class III
- Simultaneous exposure to Classes I, II & III
- Suitable for locations having deposits of readily combustible paint residues
- Marine-Outside Type (Salt water)

BENEFITS:

- Relamp from either end of the luminaire

FEATURES:

- Cast Aluminum construction
- Premium electronic ballast standard, where available
- Luminaire made in Brazil by Blinda
- Supplied with lamps
- Factory sealed
- 1 year limited warranty
- Final assembly in **USA**

SPECIFICATIONS:

HOUSING:

Corrosion-resistant copper-free cast aluminum (less than 0.4% copper content) with natural finish is used for the housing ends and the ballast housing and other hardware. One housing end has three 3/4" NPT outlets and two plugs.

REFLECTOR:

Fabricated of painted aluminum. Painted surfaces are two mil of white polyester enamel.

LENSES:

Two high-impact .200 tempered pyrex glass tube enclosures, sealed to cast aluminum housing ends.

ELECTRICAL:

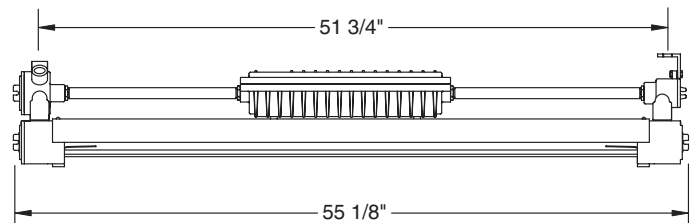
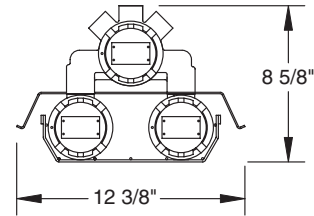
All ballasts and lampholders are UL Listed.

MOUNTING:

Pendant mounting detail, see below. Includes mounting kit. Three NPT outlets on one end and adjustable bracket on the other end allow for 3 mounting positions.

TEMPERATURE:

Class I, Div. 1 - T3C (160°C); Class II, Div. 1 - T5 (100°C); Class III - T3C (160°C)



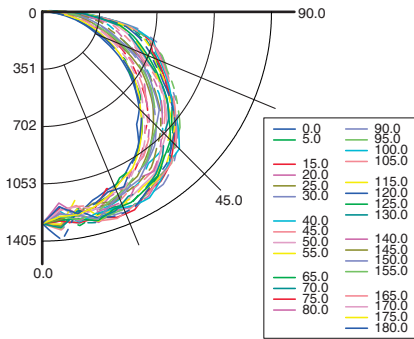


AIFX Series



PHOTOMETRICS: For additional photometry, go to paramountlighting.com

Model AIFX, 4FT, White Reflector and 2 Clear Tempered Pyrex Glass Lenses, 2 32W T8 Fluorescent Lamps, Lamp Lumen Rating = 2950



Coefficients of Utilization, Zonal Cavity Method

Floor Cavity Reflectance: 20%

RC	.8			.7			.5			.3			.1			0		
RW	7	.5	.3	.1	7	.5	.3	.1	5	.3	.1	5	.3	.1	5	.3	.1	0
R 0	99	99	99	99	97	97	97	97	92	92	92	88	88	88	84	84	84	82
C 1	88	84	79	75	86	82	78	74	78	74	71	74	71	69	71	69	67	65
R 2	79	72	65	59	77	70	64	59	67	61	57	64	59	56	61	57	54	52
3	72	62	54	48	70	61	54	48	58	52	47	55	50	46	53	49	45	43
4	65	54	46	40	63	53	46	40	51	44	39	49	43	39	47	42	38	36
5	60	48	40	34	58	47	40	34	45	39	33	44	38	33	42	37	32	31
6	55	43	35	30	53	42	35	29	41	34	29	39	33	29	38	32	28	26
7	51	39	31	26	49	38	31	26	37	30	25	36	30	25	34	29	25	23
8	47	36	28	23	46	35	28	23	34	27	23	33	27	22	31	26	22	20
9	44	33	25	20	43	32	25	20	31	25	20	30	24	20	29	24	20	18
10	41	30	23	18	40	29	23	18	29	22	18	28	22	18	27	22	18	16

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	1061	18	22
0-40	1790	30	36
0-60	3364	57	68
0-90	4834	82	98
90-120	75	1	2
90-150	80	1	2
90-180	80	1	2
0-180	4914	83	100

Total Luminaire Optical Efficiency = 83%
Spacing Criterion: 0° = 1.25, 90° = 1.49

EXPLOSION-PROOF LITE ORDERING INFORMATION:

AIFX SERIES	/	2 LAMP QTY	X	LAMP WATTS – LAMP TYPE	—	OPTIONS	VOLTAGE
				32-T8 32W T8 (4FT) 44-T8HO 44W T8/HO (4FT) 60-T12HO 60W T12/HO (4FT) 110-VHO 110-115W T12/VHO (4FT)		MISC J8 Wire Guard Emergency Ballast N/A (Can be remote mounted in field)	120V-277V/60Hz STD 50Hz & Other Voltages Available

Supplied with lamps.
Voltage Required.

Project Information:

Information subject to change without notice.

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