

A1 Series

FLUORESCENT | SURFACE **S**



AEROLUX®

APPLICATIONS:

- UL/CUL Listed Dry Location
- Cleanroom
(Classes 10-100,000; ISO Classes 4-9)

BENEFITS:

- Luminaires adaptable to your specific needs

FEATURES:

- Premium electronic ballast standard
- Available in stainless steel construction
- Every luminaire tested with lamps to assure customer satisfaction
- 5 year limited warranty
- Proudly made in **USA**

SPECIFICATIONS:

HOUSING:

Constructed of heavy duty extruded, anodized aluminum.

REFLECTOR:

Fabricated of aluminum, painted with a minimum reflectance of 88%.

END CAPS:

Die formed of anodized aluminum. Knock outs are provided at each end for wireway access.

GASKETING:

Cross linked polyethylene is used between the lens and the endcaps.

LENS:

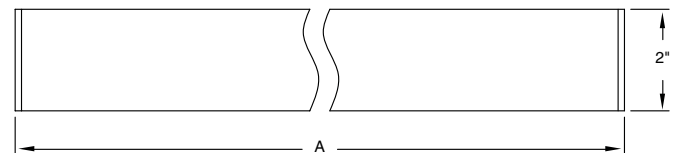
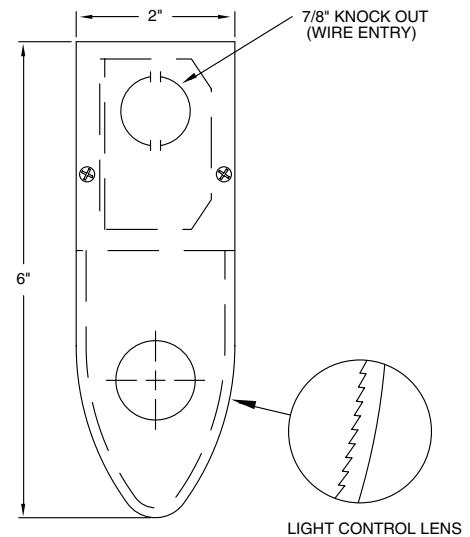
Smooth exterior light control lens utilizes longitudinal prisms to direct more available light to the room also reducing glare and lamp image.

ELECTRICAL:

All ballasts and lampholders are UL Listed.

MOUNTING:

Designed for HEPA filter grid ceiling, custom detail available.



DIMENSIONS IN INCHES

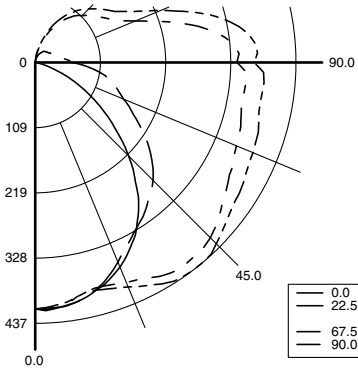
LENGTH	Roto-loc	Flex Loc®	TSTT	T5 Linear Roto-loc
	Lampholders	Lampholders (-Y6)	Lampholders	Lampholders
	A	A	A	A
13.5"	—	—	13 1/2	—
15.5"	—	—	15 1/2	—
19"	—	—	19	—
2 FT	24 5/16	25	24 1/4	23 3/8
3 FT	36 5/16	37	—	—
4 FT	48 5/16	49	48 1/4	47



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PHOTOMETRICS:

Model A11325-Y6, 4FT, White Reflector and Light-controlled Acrylic Lens, 1 32W T8 Fluorescent Lamp, Lamp Lumen Rating = 3050



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	.5	.3	.1	0
R 0	92	92	92	92	88	88	88	88	79	79	79	71	71	71	64	64	64	61	61	61	0
C 1	81	75	71	66	76	71	67	63	64	60	57	57	54	52	51	49	47	43	43	43	0
R 2	72	64	57	51	68	60	54	49	54	49	45	48	44	41	43	39	37	34	34	34	0
3	65	55	47	41	61	52	45	40	47	41	36	41	37	33	37	33	30	27	27	27	0
4	59	48	40	34	55	46	38	33	41	35	30	36	31	27	32	28	25	22	22	22	0
5	54	42	35	29	51	40	33	28	36	30	25	32	27	23	29	24	21	19	19	19	0
6	49	38	30	25	46	36	29	24	32	26	22	29	24	20	26	21	18	16	16	16	0
7	46	34	27	21	43	32	25	20	29	23	19	26	21	17	23	19	16	14	14	14	0
8	42	31	24	19	40	29	23	18	26	21	17	24	19	15	21	17	14	12	12	12	0
9	39	28	21	16	37	27	20	16	24	19	15	22	17	14	20	15	12	11	11	11	0
10	37	26	19	15	35	25	18	14	22	17	13	20	15	12	18	14	11	9	9	9	0

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	325	10.7	13.0
0-40	557	18.2	22.2
0-60	1095	35.9	43.8
0-90	1857	60.9	74.2
90-120	461	15.1	18.4
90-130	534	17.5	21.3
90-150	622	20.4	24.9
90-180	645	21.2	25.8
0-180	2502	82	100

Total Luminaire Optical Efficiency = 82.0%
Spacing Criterion: 0° = 1.20, 90° = 1.61

AEROLUX® LUMINAIRE ORDERING INFORMATION:

A1	LAMP QTY	LAMP TYPE	5	OPTIONAL MATERIAL	OPTIONS	VOLTAGE
SERIES			LENS			
A1 Dry Location	1 Standard 2 T5 only T2 Tandem		5 Light Control Acrylic		EMERGENCY B4 Bodine B70A Dry/IOTA I-48 B5 Bodine B50 Dry/IOTA I-80 (N/A <4FT) BALLASTS D4 < 10% THD (Consult Factory) D8 Low-Temp Magnetic Ballast (N/A T8) D9 Magnetic Ballast E9 Rapid Start Electronic Ballast FUSING F1 GLR/HLR Fusing (Fast) F2 GMF/HLR Fusing (Slow) MISC J0 Lamp Sleeve (Specify Type & Color) M1 Pendant Mount (Pendants By Others) For SS P9 Special Paint Color (Provide Paint Code & Chip) R5 Specular Aluminum Reflector S1 Special Material (Specify) Y6 Flex-Loc® Lamp Holder (T8/T12 Only)	120V/60Hz Standard 277V/60Hz 347V/60Hz 50Hz & Other Voltages Available
18BX F18T5TT (13") 0°				S3 Stainless Steel Exterior		
27BX F24-F27T5TT (16") 0°				304 SS Standard,		
39BX F36-F39T5TT (19") 0°				316 SS and other materials available, consult agent		
40BX F40T5TT (2FT) 0°						
50BX F50T5TT (2FT) 0°						
14T5 F14T5 (23") 0°						
17 F17T8 (2FT) 0°						
25 F25T8 (3FT) 0°						
28T5 F28T5 (47") 0°						
32 F32T8 (4FT) 0°						
TANDEM LAMPS						
Tandem lamps are tandem wired						
40BX F40T5TT (4FT) 0°						

Add hyphens between options

Note: Damp Location Version Available, Consult Factory.
Other Wattages and Lengths Available, Consult Factory.

Project Information:

Information subject to change without notice. Lamps supplied by others.

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