

Module Ordering Information

Family	Series	Track	Length	Shielding	Lamps	Finish	Options
A	2	A A = Track B = No Track	4 = 4-Foot 8 = 8-Foot 12 = 12-Foot	A = Solid B = Perf C = Pierce D = Lens	28 = 28w 54 = 54w	WH = White AL = Aluminum	E1 = Emergency Pack, 120v E2 = Emergency Pack, 277v D1 = Dimming 120v D2 = Dimming 277v X5 = 5 Through Wires

Complete ordering instructions below.

Features

- Housing:** Extruded aluminum housing in lengths of 4' (121.92cm), 8' (243.84cm) and 12' (365.76cm). There are no exposed fasteners. The end caps are die-cast aluminum sculpted and finished to match the housing.
- Reflector:** Die-formed high purity anodized specular aluminum.
- Lamping:** One T5 28W or 54W lamp per four-foot nominal length. Provided by others.
- Alignment Mechanism:** The housing and the end cap each have a draw tight mechanism that creates a hairline joint along and at the ends of the run. To operate the mechanism, the installer tightens two screws.
- Track Option:** The housing has the capability of having single circuit Lytespan® track fixtures for accent lighting. The track is an integral component of the housing. The fixture housing comes with a cover to conceal any portion of the track that doesn't have a track fixture installed. The cover can be cut to length in the field. There is an optional cover (**ATC**) that creates a nearly seamless transition from the fluorescent fixture to the track fixture.
- Shielding:** Die-formed 20 gauge steel finished to match housing.

Labels

UL, cUL and I.B.E.W.

Finish

Powder coated baked white or silver enamel.
Custom colors available, consult factory.

Mountings

All mounting is on 48" (121.92cm), 96" (243.84cm) and 144" (365.76cm) centers.

Cable Suspension (not shown) 4-1/2" (11.43cm) diameter flat canopy finished white enamel, 1/16" (0.16cm) diameter stainless steel aircraft cable adjustable up to 36" (91.44cm) and adjustable cable gripper. Cable mounting at the ends of a run is not available when track is being used. Installing stems at the ends of the run will prevent the fixture from hanging off center caused by the weight of the track fixture. Cable suspension can be used in the center of runs that have track installed. Consult factory for other options.

Stem Mounting (not shown) - 4-1/2" (11.43cm) diameter flat canopy, 1/4" (0.64cm) IP 1/2" (1.27cm) OD stem. The stem can accommodate up to 2-12 gauge and 3-18 gauge solid wires. All components have a white finish.

Electrical

Ballast is <10% THD, 1.0 ballast factor, program start. Color-coded quick connectors allow ease of connection for joiner modules. For special circuiting consult factory. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.

Dimming: 120/277 VAC 1% dimming level, 4 or 5 wire feed required.

Emergency Battery Pack: 28 watt: 520 lumens @ 90 minutes, 54 watt: 700 lumens @ 90 minutes.

There are two types of power feed end sets for the track option. One has a stem containing five solid wires and the other end set has one 5 wire and one 3 wire stem. Single power feed end sets allow for 16 amps of track fixtures per run while dual power feed end sets allow 32 amps per run.

Ordering Instructions

Individual Fixtures:

- Order number of MODULES required.
- Order one POWER FEED END SET per MODULE.

Continuous Rows:

- Determine run length.
- Order the appropriate number of MODULES for the complete run.
- Order one POWER FEED END SET per run.
- Order one INTERMEDIATE SUSPENSION per MODULE minus one per run.
- For runs that exceed amperage limits, order the appropriate number of INTERMEDIATE POWER FEEDS.

Job Information

Type:

Job Name:

Cat. No.:

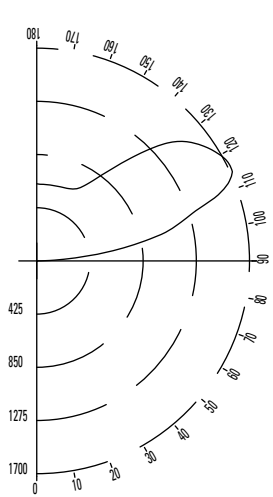
Lamp(s):

Notes:

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Performance

CANDLEPOWER CURVE



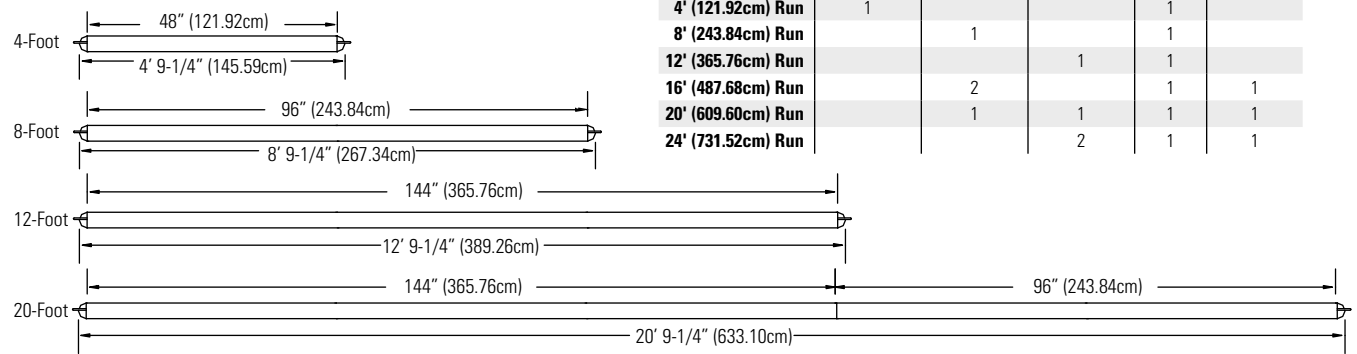
REPORT NO: ITL50919
 CAT NO: A2X4A54
 LAMPS: 1-F54T5
 LUMENS: 5000
 EFFICIENCY: 92.3%

ZONE DEG.	CANDLEPOWER				
	0	22	45	67	90
180	616	616	616	616	616
175	617	618	617	614	615
165	595	601	607	614	620
155	553	564	591	620	636
145	484	511	576	700	783
135	403	448	662	1059	1254
125	307	388	979	1461	1609
115	202	440	1174	1594	1721
105	99	578	1066	1148	1192
95	17	338	365	388	349
90	2	48	23	15	0
85	0	0	0	0	0
75	0	0	0	0	0
65	0	0	0	0	0
55	0	0	0	0	0
45	0	0	0	0	0
35	0	0	0	0	0
25	0	0	0	0	0
15	0	0	0	0	0
5	0	0	0	0	0
0	0	0	0	0	0

		COEFFICIENTS OF UTILIZATION								
		% EFFECTIVE CEILING CAVITY REFLECTANCE								
		80			70			50		
		WALL REFLECTANCE								
		70	50	30	70	50	30	50	30	10
		ROOM CAVITY RATIO	0	88	88	88	75	75	75	51
1	80		76	73	68	65	63	45	43	42
2	73		66	61	62	57	53	39	36	34
3	66		58	52	56	50	45	34	31	29
4	60		51	45	51	44	39	30	27	24
5	55		45	39	47	39	33	27	23	21
6	51		40	34	43	35	29	24	20	18
7	47		36	29	40	31	26	22	18	15
8	43		33	26	37	28	23	19	16	13
9	40		29	23	34	25	20	18	14	12
10	37		27	21	31	23	18	16	13	10

DISTRIBUTION			
Zone	Lumens	% Lamp	% Luminaire
0-90	0	0.0	0.0
90-180	4613	92.3	100.0
0-180	4613	92.3	100.0

Fixture Lengths and Mounting Locations



	4' (121.92cm) Module	8' (243.84cm) Module	12' (365.76cm) Module	End Set	Suspension
4' (121.92cm) Run	1			1	
8' (243.84cm) Run		1		1	
12' (365.76cm) Run			1	1	
16' (487.68cm) Run		2		1	1
20' (609.60cm) Run		1	1	1	1
24' (731.52cm) Run			2	1	1

Mounting Accessories

A2TES24ALD = Aluminum
A2TES24WHD = White
 Dual Power Feed End Set
 5 Wires (2-12 ga., 3-18ga.) on One End
 3 Wires (2-12 ga., 1-18ga.) on One End
 24" (60.96cm) Stems for Track

A2TES24ALS = Aluminum
A2TES24WHS = White
 Single Power Feed End Set
 5 Wires (2-12 ga., 3-18ga.) on One End
 24" (60.96cm) Stems for Track

ALS24
 Intermediate
 24" (60.96cm) White Stem Set

AC36
 Intermediate
 36" (91.44cm) Cable Set

ACC36X4
 Intermediate 36" (91.44cm)
 Cable & 4 Wire 18 ga.
 Cord Set for Fluorescent Only

A2LAL = Aluminum
A2LWH = White
 "L" Joiner Block

A2TAL = Aluminum
A2TWH = White
 "T" Joiner Block

A2XAL = Aluminum
A2XWH = White
 "X" Joiner Block

A2L1AL = Aluminum
A2L1WH = White
 Inline Joiner Block

ATCAL = Aluminum
ATCWH = White
 Track Adapter

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