

Module Ordering Information

Family	Series	Track	Length	Shielding	Lamps	Finish	Options
A	1	B		C			
		A = Track B = No Track	4 = 4-Foot 8 = 8-Foot 12 = 12-Foot	A = No Shield B = Solid Shield C = Perf Shield D = Lens Shield	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.
- Lens:** Extruded clear acrylic linear prismatic lens.
- 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.
- Shielding:** Die-formed 18 gauge perforated steel. Pattern has 0.117" (0.30cm) holes on 5/32" (0.40cm) centers and is 51% open. High reflectance white finish.

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.

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.:

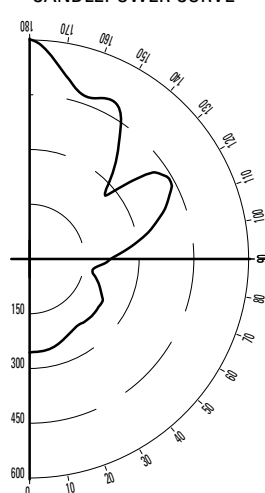
Lamp(s):

Notes:

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Performance

CANDLEPOWER CURVE



REPORT NO: ITL50917
CAT NO: AIX4C54
LAMPS: 1-F54T5
LUMENS: 5000
EFFICIENCY: 58.7%

ZONE DEG.	CANDLEPOWER					
	0	22	45	67	90	
CANDELAS						
180	601	601	601	601	601	
175	592	594	582	582	570	
165	521	513	480	486	485	
155	431	414	393	444	486	
145	345	321	337	417	434	
135	261	237	264	298	316	
125	183	159	153	271	414	
115	144	94	283	401	424	
105	78	105	280	344	352	
95	19	115	207	256	262	
90	7	98	174	201	222	
85	58	104	155	175	195	
75	107	132	151	175	186	
65	144	158	187	215	216	
55	181	182	206	228	230	
45	208	208	210	227	230	
35	230	231	224	225	225	
25	244	246	241	239	236	
15	253	254	253	252	250	
5	257	257	256	256	255	
0	256	256	256	256	256	

COEFFICIENTS OF UTILIZATION % EFFECTIVE CEILING CAVITY REFLECTANCE

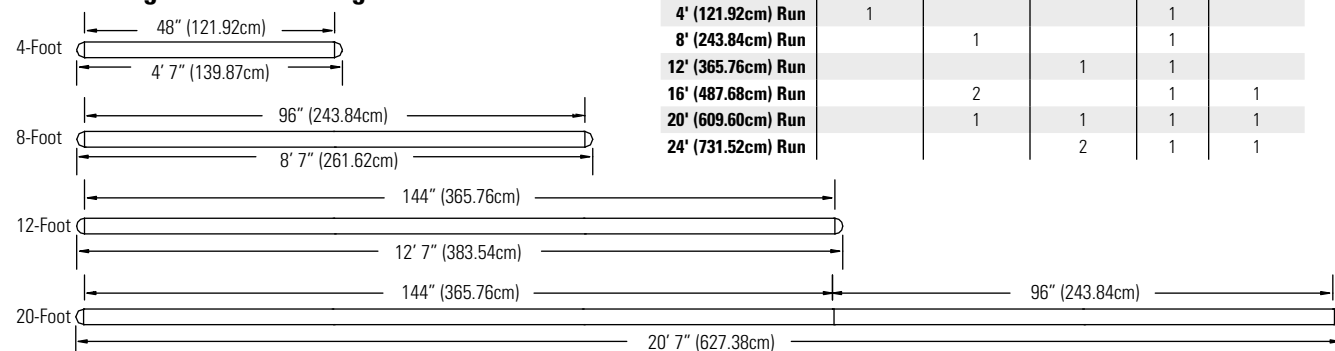
		80			70			50		
		WALL REFLECTANCE								
		70	50	30	70	50	30	50	30	10
ROOM CAVITY RATIO	0	62	62	62	56	56	56	46	46	46
	1	55	52	49	50	47	44	38	36	35
	2	49	44	40	45	40	37	33	30	28
	3	45	38	34	40	35	31	28	25	23
	4	41	34	29	37	31	26	25	21	19
	5	37	30	25	33	27	23	22	19	16
	6	34	27	22	31	24	20	20	16	14
	7	31	24	19	28	22	17	18	14	12
	8	29	22	17	26	20	15	16	13	10
	9	27	20	15	24	18	14	15	11	9
	10	26	18	14	23	17	12	13	10	8

20% FLOOR CAVITY REFLECTANCE

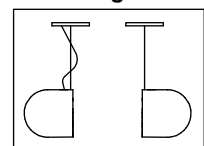
DISTRIBUTION

Zone	Lumens	% Lamp	% Luminaire
0-90	1198	24.0	40.0
90-180	1736	34.7	59.0
0-180	2934	58.7	100.0

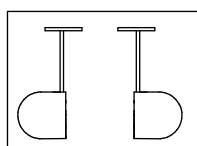
Fixture Lengths and Mounting Locations



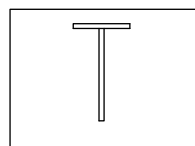
Mounting Accessories



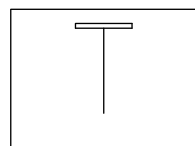
A1EC36ALX4 = Aluminum
A1EC36WHX4 = White
4 Wire 18 ga.
Cable Power Feed
End Set 36" (91.44cm) Cables



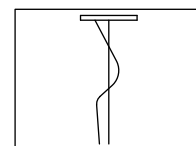
A1ES24ALX4 = Aluminum
A1ES24WHX4 = White
4 Wire 18 ga.
Stem Power Feed
End Set 24" (60.96cm) Stems



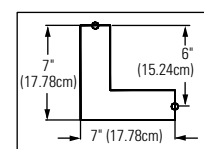
ALS24
Intermediate
24" (60.96cm) White Stem Set



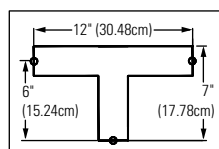
AC36
Intermediate
36" (91.44cm) Cable Set



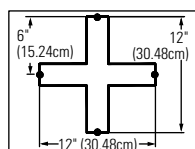
ACC36X4
Intermediate 36" (91.44cm)
Cable & 4 Wire 18 ga.
Cord Set for Fluorescent Only



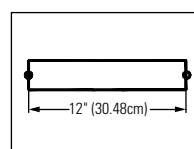
A1LAL = Aluminum
A1LWH = White
"L" Joiner Block



A1TAL = Aluminum
A1TWH = White
"T" Joiner Block



A1XAL = Aluminum
A1XWH = White
"X" Joiner Block



A1LAL = Aluminum
A1LWH = White
Inline Joiner Block

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