

Ordering Information

Family	Series	Type	Lamps	Color	Wattage	Voltage	Length	Options
F7	5 5 = Curved	1 1 = Solid	2 2 = 2 Lamps	AL = Aluminum WH = White	1 = 28W 2 = 54W 3 = 28W Dimming 4 = 28W EM 5 = 54W Dimming 6 = 54W EM	1 = 120v 2 = 277v	4 = 4' (121.92cm) 8 = 8' (243.84cm)	X4 = 4 Through Wires X5 = 5 Through Wires DS = Dual Switch

Complete Ordering Instructions below.

Features

- Housing:** Single piece of high purity extruded aluminum, a portion from recycled material.
- Housing End:** Die-cast aluminum, welded in place.
- End Cap:** Die-cast aluminum. Encloses the suspension cable and power feed cord for the end of the run.
- Lamps:** F28T5 or F54T5HO as specified. By others. Installed from the ceiling side of the luminaire.
- Ballast:** Electronic. Meets ANSI starting, end-of-life protection and sound rating specifications. Low THD.

Electrical

- Connections:** Pre-wired with 18 gauge wires and polarized cannon plug connectors for simultaneous mechanical/electrical connection.
- Emergency Battery Pack:** 90 minute operation, 700 lumens for 54W and 520 lumens for 28W.
- Dimming:** Advance Mark X standard (no additional wires required); use compatible dimmer. Dimming ballasts using additional control wires (eg Lutron Hi-Lume or ECO-10, Osram) can be used; consult factory and use X4 or X5 power feeds with additional leads, as appropriate. Ballast not to exceed 1.25" (3.18cm) wide by 1.20" (3.05cm) high.
- iGEN:** F7000 accepts iGEN (DALI) with supplemental 2-wire control technology. Use with X5 power feed.
- Power Tray:** Code-gauge, die-formed steel, pre-paint white enamel finish; secured by quarter-turn fasteners for easy access to wiring. Holds ballasts, sockets, and wiring. Accepts ballasts up to 1.25" (3.18cm) wide by 1.20" (3.05cm) high.
- Power Feeds:** Standard 18/3 power feed is rated for 10 amps. X4 power feed is 18/4 and is rated for 7 amps. Observe amperage limitations and provide additional Intermediate Power Cables, as required. When providing an additional power feed, the through wiring from the previous module must be disconnected from the cannon plug and capped.
- Dual Switching:** Use DS option for separate switching of the lamp rows. DS includes a 4th through wire. Use X4 power feed.

Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.

Finish

Powder-coated, baked enamel, white or aluminum, as specified.

Mounting

Cable suspension is on 48" (121.92cm) and 96" (243.84cm) centers and consists of a 4 1/2" (11.43cm) diameter canopy finished white enamel and a 1/16" (0.16cm) diameter stainless steel aircraft cable adjustable up to 36" (91.44cm).

Labels

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

Ordering Instructions

Individual Fixtures:

- Order one MODULE.
- Order one POWER FEED END SET.

Continuous Rows:

- Order the appropriate number of MODULES for the complete run.
- Order one POWER FEED END SET.
- Order one INTERMEDIATE CABLE SET per MODULE minus one.
- For runs that exceed amperage limits, order the appropriate number of CABLE/CORD SETS.

Job Information

Type:

Job Name:

Cat. No.:

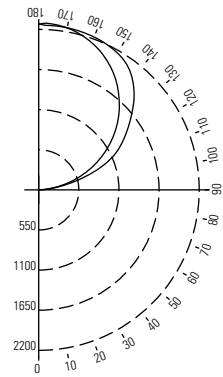
Lamp(s):

Notes:

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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Performance

CANDLEPOWER CURVE



ZONE DEG.	CANDLEPOWER				
	0	22	45	67	90
	CANDELAS				
90	0	0	0	0	0
95	99	166	142	141	133
105	482	586	646	640	613
115	870	1008	1054	1141	1149
125	1237	1356	1452	1487	1495
135	1562	1649	1786	1839	1850
145	1844	1896	1990	2073	2103
155	2061	2090	2134	2179	2202
165	2208	2221	2223	2234	2245
175	2281	2284	2266	2257	2259
180	2273	2273	2273	2273	2273

COEFFICIENTS OF UTILIZATION % EFFECTIVE CEILING CAVITY REFLECTANCE

ROOM CAVITY RATIO	WALL REFLECTANCE								
	80%			70%			50%		
	50	30	10	50	30	10	50	30	10
0	72	72	72	61	61	61	42	42	42
1	62	60	57	53	51	49	36	35	34
2	54	50	47	47	43	40	32	30	28
3	48	43	39	41	37	34	28	26	24
4	42	37	32	36	32	28	25	22	20
5	37	32	27	32	27	24	22	19	17
6	33	27	23	28	24	20	20	17	14
7	30	24	20	25	21	18	18	15	12
8	27	21	17	23	18	15	16	13	11
9	24	19	15	21	16	13	14	11	9
10	22	17	13	19	15	12	13	10	8

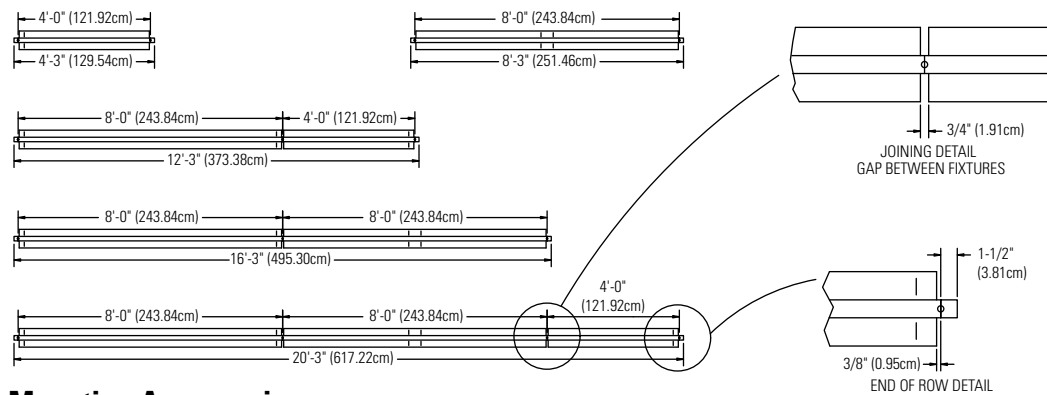
20% FLOOR CAVITY REFLECTANCE

DISTRIBUTION

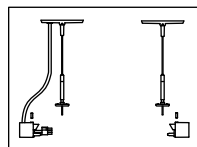
Zone	Lumens	% Lamp	% Luminaire
0 - 90	0	0.0	0.0
90 - 180	7523	75.2	100.0
0 - 180	7523	75.2	100.0

REPORT NO.: ITL54681.IES
LAMPS: 2-F54T5
LUMENS: 5000 each
EFFICIENCY: 75.2%
CAT. NO.: F7512WH214

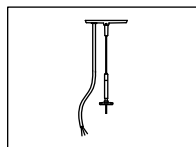
Fixture Lengths & Mounting Reflected (Plan View)



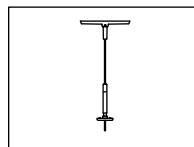
Mounting Accessories



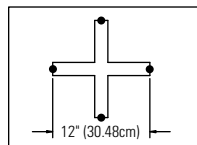
Power Feed End Set:
F7EC36WH = White
F7EC36AL = Aluminum
F7EC36WHX4 = White 4 Wire
F7EC36ALX4 = Aluminum 4 Wire
F7EC36WHX5 = White 5 Wire
F7EC36ALX5 = Aluminum 5 Wire



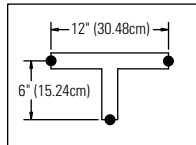
Intermediate Power Cable
F7CC36 = 3 Wire
F7CC36X4 = 4 Wire



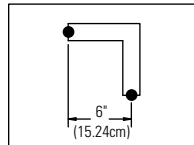
Intermediate Cable Set
F7C36



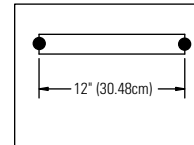
"X" Joiner Block
F7XWH = White
F7XAL = Aluminum



"T" Joiner Block
F7TWH = White
F7TAL = Aluminum



"L" Joiner Block
F7LWH = White
F7LAL = Aluminum



Inline Joiner Block
F71LWH = White 1' (30.48cm)
F71LAL = Aluminum 1' (30.48cm)
F71L2WH = White 2' (60.96cm)
F71L2AL = Aluminum 2' (60.96cm)
F71L4WH = White 4' (121.92cm)
F71L4AL = Aluminum 4' (121.92cm)
F71L8WH = White 8' (243.84cm)
F71L8AL = Aluminum 8' (243.84cm)

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