

Ordering Information

Family	Series	Type	Lamps	Color	Wattage	Voltage	Length
FW7	5 5 = Curved	3 3 = Tiger Striped	1 1 = 1 Lamp	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)

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 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.
- Shielding:** Tiger striped pattern pierced in extruded housing, regressed and backed by 0.20\" (0.51cm) opal acrylic.

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 (e.g. 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.

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

Each module includes two wall-mounting brackets. Bracket hole pattern accommodates junction box (single gang box rotated 90 degrees) or other appropriate mounting method using customer supplied fasteners.

Labels

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

Ordering Instructions

Individual Fixtures:

- Order one MODULE.
- Order one END SET.

Continuous Rows:

- Order the appropriate number of MODULES for the complete run.
- Order one END SET.

Job Information

Type:

Job Name:

Cat. No.:

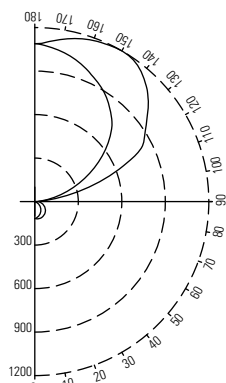
Lamp(s):

Notes:

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

CANDI FPOWER CURVE



REPORT NO.: ITL54695.IES
LAMPS: 1-F54T5
LUMENS: 5000 each
EFFICIENCY: 75.1%
CAT. NO: F7531WH214

CANDLEPOWER

ZONE DEG.	0	22	45	67	90
	CANDELAS				
0	117	117	117	117	117
5	119	120	121	118	117
15	121	121	119	115	109
25	119	117	113	107	98
35	112	110	103	96	85
45	102	98	89	81	68
55	88	84	73	63	48
65	72	68	54	41	26
75	53	49	33	19	9
85	33	30	12	7	1
90	25	19	8	3	0
95	66	68	72	102	52
105	390	398	418	371	231
115	774	766	669	589	415
125	940	918	868	761	590
135	1095	1078	1019	886	748
145	1189	1164	1093	986	881
155	1192	1172	1126	1054	986
165	1163	1153	1129	1091	1056
175	1107	1104	1104	1096	1090
180	1089	1089	1089	1089	1089

COEFFICIENTS OF UTILIZATION

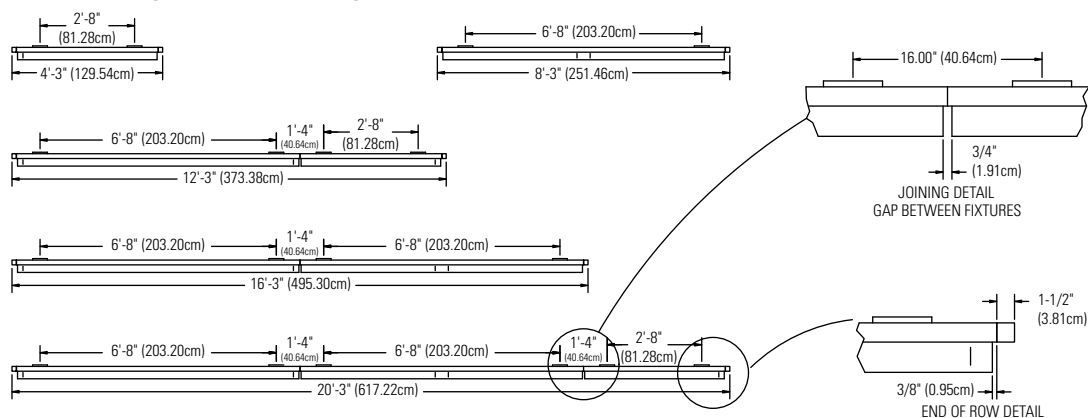
% EFFECTIVE CEILING CAVITY REFLECTANCE

		80%			70%			50%		
		WALL REFLECTANCE								
		50	30	10	50	30	10	50	30	10
ROOM CAVITY RATIO	0	83	83	83	76	76	76	60	60	60
	1	72	70	66	65	63	60	52	50	48
	2	63	58	54	57	53	49	45	43	40
	3	55	49	45	50	45	41	40	36	33
	4	48	43	37	44	38	34	35	31	28
	5	43	37	32	39	33	30	31	27	24
	6	39	32	27	35	30	26	28	24	20
	7	35	28	24	31	26	22	26	21	18
	8	31	26	21	29	23	20	23	19	16
	9	29	23	19	26	20	17	21	17	14
10	26	20	16	24	19	15	20	15	13	

20% FLOOR CAVITY REFLECTANCE

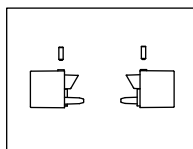
DISTRIBUTION			
Zone	Lumens	% Lamp	%Luminaire
0 - 90	297	5.7	8.0
90 - 180	3478	69.4	92.0
0 - 180	3775	75.1	100.0

Fixture Lengths & Mounting Reflected (Plan View)



Recommended mounting is a single gang outlet box rotated 90 degrees at the feed point. Remaining mounting points could be outlet boxes as well, or a couple of holes per mounting point spaced 3-1/4" (8.26cm) at 1-3/4" (4.45cm) above the bottom of fixture.

Mounting Accessories



Wall Mount End Set
FW7EWH = White
FW7EAL = Aluminum

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