

Ordering Information

Family	Series	Type	Lamps	Color	Wattage	Voltage	Length
FW7	2 2 = Oval	2 2 = Pattern Pierced	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 for Wall Modules

- 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:** Perforated square-in-square 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 (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.

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.

Ordering Instructions for Wall Modules

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.:

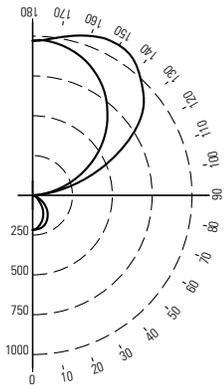
Lamp(s):

Notes:

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

CANDLEPOWER CURVE



REPORT NO.: ITL54692.IES
 LAMPS: 1C
 LUMENS: 5000 each
 EFFICIENCY: 69.4%
 CAT. NO.: F7221WH214

CANDLEPOWER

ZONE DEG.	CANDELAS				
	0	22	45	67	90
0	217	217	217	217	217
5	216	217	218	216	213
15	211	209	200	195	187
25	193	189	173	164	153
35	164	155	136	126	112
45	127	116	94	81	64
55	84	76	51	45	40
65	39	36	27	28	25
75	12	12	12	15	12
85	4	5	5	5	1
90	4	3	2	1	0
95	55	56	61	78	38
105	279	287	303	315	184
115	560	567	571	519	355
125	822	815	769	679	519
135	972	960	915	793	663
145	1073	1054	990	876	788
155	1085	1065	1011	935	881
165	1039	1029	1003	965	943
175	983	982	983	977	975
180	971	971	971	971	971

COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

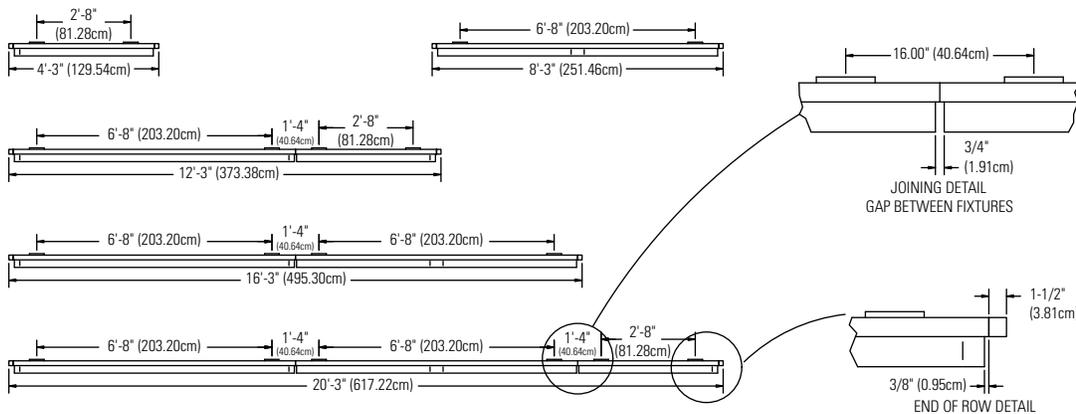
ROOM CAVITY RATIO	WALL REFLECTANCE								
	80%			70%			50%		
	50	30	10	50	30	10	50	30	10
0	68	68	68	60	60	60	43	43	43
1	60	57	55	52	50	48	38	36	35
2	52	48	45	46	43	40	33	31	29
3	46	41	37	40	36	33	29	27	25
4	41	35	31	35	31	29	26	24	21
5	36	30	27	31	28	24	23	20	18
6	32	27	23	29	24	21	21	18	16
7	29	24	20	26	21	18	19	16	13
8	26	21	17	23	19	15	17	14	12
9	24	19	15	21	17	14	15	12	10
10	22	17	13	19	15	12	14	11	10

20% FLOOR CAVITY REFLECTANCE

DISTRIBUTION

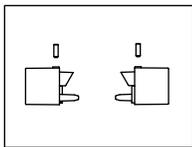
Zone	Lumens	% Lamp	% Luminaire
0 - 90	382	7.6	11.0
90 - 180	3099	61.8	89.0
0 - 180	3481	69.4	100.0

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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