

Ordering Information

Type	Style	No. of Lamps	Length	Ballast Type	Lamp Type	Voltage Type
M M = Multi-Lyte system	A F = Lighting Fixture for individual mounting M = Lighting module for channel attachment	1	4 = 4-foot nominal 8 = 8-foot nominal	E = Electronic D = Dimming (120V T8 only)	5 = 4-foot 28W T5 6 = 4-foot 54W T5 8 = 4-foot 32W T8 9 = 4-foot 32W T8 1.24 BF	1 = 120v 2 = 277v

Specifications

- Housing:** 20 gauge die-formed steel. Finish is white baked enamel.
- End Plate:** Die-formed 20 gauge steel spot-welded to the housing. Finished to match housing.
- Parabolic Louver:** Low iridescent semi-specular anodized aluminum, 37° shielding lengthwise, blades are 1-1/4" (3.18cm) high and 2" (5.08cm) O.C. Concealed spring clips retain louver in housing.
- Lamps:** 32 watt T-8 fluorescent or 28 or 54watt T-5 linear fluorescent. All lamps provided by others.
- Ballast:** T8: Pre-Heat Rapid Start with a ballast factor .87. Or High Ballast Factor with a ballast factor of 1.24. All ballasts have a Total Harmonic Distortion (THD) <10% and are available in 120 or 277 volt. Dimming is available with a dimming range of 15% to 100% in 120v only. T5: All ballasts have "end of life" circuit protection, a Total Harmonic Distortion (THD) <10%, a ballast factor of .87 and are available in 120 or 277 volt. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.
- Suspension:** (not shown) The Multi-Lyte Channel and the Fixture are suspended from the ceiling by stem or aircraft cable. The stem set is finished to match the housing and contains a 1/2" (1.27cm) diameter steel stem which can be cut to length at the job and a 4-1/2" (11.43cm) diameter canopy. Attached to the stem at the ceiling end is a self-aligning swivel that provides adjustment up to 38°. The cable set contains a 1/16" (0.16cm) diameter stainless steel aircraft cable and a 1-1/2" (3.81cm) diameter or 4-1/2" (11.43cm) diameter canopy. The cable is adjustable from 6" (15.24cm) to 36" (91.44cm) with a Grip-Lock cable adjustment. Fixtures are mounted directly to the ceiling with independent stems or aircraft cables and cord.
- Module Mounting:** Modules are mounted to the Multi-Lyte Channel by means of captive spring clips. They are energized by insulation-displacement couplings to the Channel's through-wiring system.

- Fixture Mounting:** (not shown) The individual Fixture mounting points are located 30" (76.20cm) and 60" (152.40cm) centers. Refer to the back for more information.

Performance

Efficiency: 60.4%
Distribution: 22% Indirect 78%
Direct Meets requirements of ANSI/IESNA RP-1

Labels

All fixtures carry appropriate U.L. or C.S.A. labels. Fixtures bear the I.B.E.W. label

Warranty

Multi-Lyte Complete system is covered by Lightolier three-year limited warranty.

Job Information

Type:

Job Name:

Cat. No.:

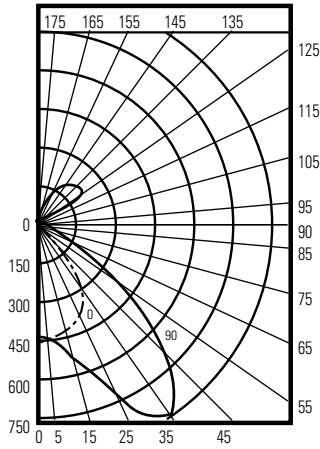
Lamp(s):

Notes:

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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Performance for 1-F032T8/TL80

Report Number: LRL 897-10B Lamps: 1-F032T8/TL80 Lumens: 3150 IES Spacing Criterion: 1.2 -Max S/MH: PARA: 1.2, PERP: 1.9 (BF)=1.0



	% Effective Ceiling Cavity Reflectance															
	90		70		50		30		10		0					
	50	30	10	50	30	10	50	30	10	50	30	10				
0	77	72	72	66	66	66	6	60	60	54	54	54	49	49	49	47
1	65	63	61	59	58	56	54	53	52	50	49	48	46	45	44	42
2	59	55	52	54	51	59	50	48	46	46	45	43	43	41	40	38
3	53	49	46	49	46	43	46	43	41	43	40	39	39	38	36	35
4	48	43	40	45	41	38	42	39	36	39	36	34	36	34	32	31
5	43	39	35	40	37	34	38	35	32	35	33	31	33	31	29	28
6	39	34	31	37	33	30	34	31	28	32	29	27	30	28	26	25
7	35	30	27	33	29	26	31	27	25	29	26	24	27	25	23	22
8	32	27	24	30	26	23	28	24	22	26	23	21	25	22	20	19
9	28	24	20	27	23	20	25	21	19	24	20	18	22	19	17	16
10	25	20	17	23	19	16	22	18	15	22	17	15	19	16	14	13

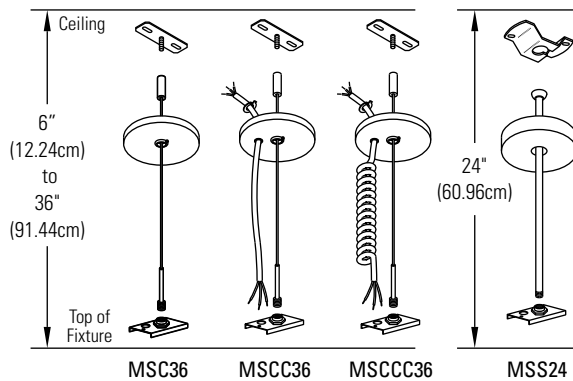
Candle Power Summary					
Zone	0	22	45	67	90
Deg.	Candelas				
180	2	2	2	2	2
175	3	8	8	15	15
165	6	17	17	32	34
155	7	18	28	40	44
145	9	31	49	97	108
135	9	38	94	171	186
125	10	61	157	209	204
115	8	88	150	135	128
105	9	81	58	28	16
95	6	7	8	10	11
90	0	5	8	9	10
85	3	4	8	8	8
75	6	8	10	22	12
65	15	21	24	44	32
55	63	122	231	239	212
45	228	399	557	634	625
35	352	473	667	871	920
25	413	484	557	708	753
15	456	488	526	568	569
5	471	476	479	487	488
0	471	471	471	471	471

Zonal Lumens and Percentages			
Zone	Lumens	% Barelamps	% Luminaires
0-90	1481	47.0	77.9
90-180	420	13.3	22.1
0-180	1902	60.4	100.0

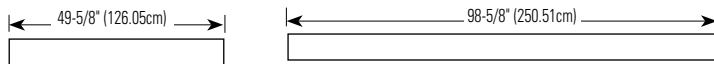
Footcandles		
Channel Spacing O.C.	Luminaire Spacing O.C.	Luminaire Suspension
		18" 24"
6'	5'	69 69
	6'	46 46
	8'	35 35
8'	5'	41 41
	6'	35 35
	8'	26 26
10'	5'	33 33
	6'	28 28
	8'	21 21

Footcandles are average, initial, include a ballast factor of 0.87 and are at a work plane height of 30" above the floor. The luminaires are suspended 8' above the floor in a 50' x 70' room (ceiling height is 8' plus luminaire suspension.) Room reflectances are: 80% ceiling, 50% walls and 20% floor.

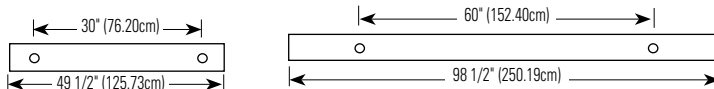
Suspension Mounting Detail



Module Dimensions



Fixture Mounting Detail



Job Information	Type:
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