

### Ordering Information

Type	Style	No. of Lamps	Length	Ballast Type	Lamp Type	Voltage Type
<b>M</b> M = Multi-Lyte system	<b>F</b> = Lighting Fixture for individual mounting <b>M</b> = Lighting module for channel attachment	<b>2</b>	<b>2</b> = 2-foot nominal <b>4</b> = 4-foot nominal	<b>E</b> = Electronic <b>D</b> = Dimming (120v T8 Only)	<b>4</b> = 2-foot 14W T5 <b>5</b> = 4-foot 28W T5 <b>6</b> = 4-foot 54W T8 <b>7</b> = 2-foot 17W T8 <b>8</b> = 4-foot 32W T8	<b>1</b> = 120v <b>2</b> = 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:** 17 or 32 watt T-8 fluorescent or 14, 28 or 54 watt T-5 linear fluorescent. All lamps provided by others.
- Ballast:** T8: Pre-Heat Rapid Start with a ballast factor .87. 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 slide 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: 83.6%  
Distribution: 58% Indirect 42% Direct

### Labels

UL, cUL and IBEW.

### Warranty

Multi-Lyte Complete system is covered by Lightolier three-year limited warranty. The electronic ballast is covered by ballast manufacturer's limited warranty.

### Job Information

### Type:

**Job Name:**

**Cat. No.:**

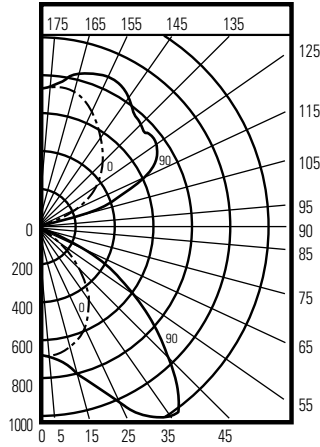
**Lamp(s):**

**Notes:**

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710  
We reserve the right to change details of design, materials and finish.  
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## Performance

Report Number: LRL 797-3C Lamps: 2-F32T8/TL80 Lumens: 3050 IES Spacing Criterion: 5 -Max S/MH: PARA: 5, PERP: 5 BF=1.0



	% Effective Ceiling Cavity Reflectance															
	90		70		50		30		10		0					
	50	30	10	0	50	30	10	0	50	30	10	0				
0	96	96	96	80	80	80	66	66	66	53	53	53	40	40	40	35
1	85	82	79	71	69	67	59	57	56	48	47	46	37	37	36	31
2	76	70	66	64	60	57	53	51	48	44	42	40	34	33	32	28
3	67	61	56	57	53	49	48	45	42	40	37	36	32	30	29	26
4	60	53	48	51	46	42	43	40	37	36	33	31	29	27	26	23
5	54	47	41	46	41	37	39	35	32	32	29	27	26	24	23	20
6	48	41	36	41	36	32	35	31	28	29	26	24	24	22	20	18
7	43	36	31	37	32	28	31	27	24	26	23	21	21	19	18	15
8	39	32	27	33	28	24	28	24	21	24	20	18	19	17	15	13
9	35	28	24	30	25	21	26	21	18	21	18	16	17	15	13	12
10	31	24	20	26	21	18	22	18	15	19	15	13	15	13	11	9

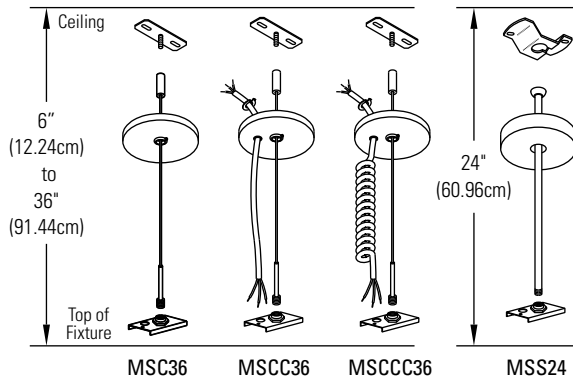
Candle Power Summary					
Zone	0	22	45	67	90
Deg.	Candelas				
180	738	738	738	738	738
175	740	744	745	756	754
165	728	752	783	819	840
155	669	724	789	846	856
145	594	684	772	816	825
135	474	589	656	727	754
125	380	498	600	720	767
115	238	350	532	602	601
105	127	258	320	300	290
95	33	67	51	47	44
90	0	4	8	8	10
85	2	3	4	6	6
75	6	9	11	14	13
65	24	33	49	79	66
55	85	179	356	531	592
45	307	542	758	888	919
35	488	640	889	1172	1226
25	585	644	766	991	1041
15	657	674	704	762	789
5	677	682	682	679	686
0	678	678	678	678	678

Zonal Lumens and Percentages			
Zone	Lumens	% Barelamps	% Luminaires
0-90	2123	34.8	41.6
90-180	2976	48.8	58.4
0-180	5099	83.6	100.0

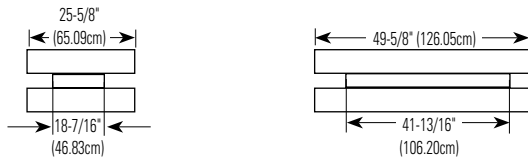
Footcandles			
Channel Spacing O.C.	Luminaire Spacing O.C.	Luminaire Suspension	
		18"	24"
	5'	167	166
6'	6'	112	111
	8'	84	83
8'	5'	100	99
	6'	84	83
	8'	63	62
10'	5'	80	79
	6'	67	66
	8'	50	50

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.

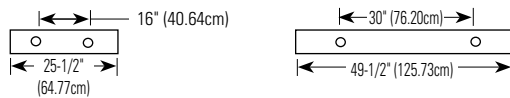
## Suspension Mounting Detail



## Module Dimensions Detail



## Fixture Mounting Detail



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