

Ordering Information

Type	Style	No. of Lamps	Length	Ballast Type	Lamp Type	Voltage Type
M M = Multi-Lyte system	F = Lighting Fixture for individual mounting M = Lighting module for channel attachment	C 1 = 1 Lamp 2 = 2 Lamps	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	1 = 120v 2 = 277v

Specifications

- Housing:** 20 gauge die-formed perforated steel: 41% open area. Finish is white baked enamel. Lined with 65% high transmission acrylic sheet.
- 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 1.44" (3.66cm) high and 2.41" (6.12cm) O.C. Lift and shift attachment to the housing.
- Lamps:** 32 watt T-8 fluorescent or 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:** (not shown) 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 is located on 30" (76.20cm) and 60" (152.40cm) centers. Refer to the back for more information.

Performance

1 light T8

Efficiency: 62.1%
Distribution: 78% Direct 22% Indirect

2 light T8

Efficiency: 64.7%
Distribution: 74% Direct 26% Indirect

Labels

UL, cUL and IBEW.

Warranty

Multi-Lyte Complete system is covered by Lightolier three-year limited warranty. For a copy, ask your representative. The electronic ballast is covered by ballast manufacturer's limited warranty.

Job Information

Type:

Job Name:

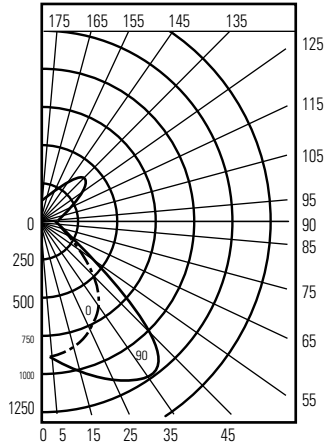
Cat. No.:

Lamp(s):

Notes:

Performance for 1-F32T8/TL80

Report Number: LRL 997-2C Lamps: 1F32T8/TL80 Lumens: 3050 IES Spacing Criterion: 1.2 -Max S/MH: PARA: 1.2, PERP: 1.7 BF=1.0



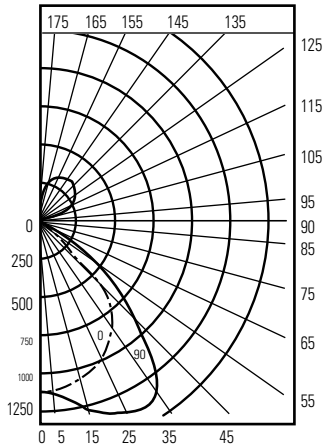
Zone	% Effective Ceiling Cavity Reflectance												Candle Power Summary															
	90			70			50			30			10			0			Zone									
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	22	45	67	90	Zone	Lumens	% Barelamps	% Luminaires				
% Wall Reflectance																												
0	74 74 74			67 67 67			61 61 61			56 56 56			51 51 51			48			180	27	27	27	27	27	0-90	1471	48.2	77.7
1	66 64 62			61 59 57			55 54 53			51 50 49			46 46 45			43			175	27	31	33	36	37	90-180	423	13.9	22.3
2	60 56 53			55 52 50			51 48 46			47 45 43			43 42 41			39			165	26	35	41	62	64	0-180	1894	62.1	100.0
3	54 50 46			50 47 44			46 44 41			43 41 39			40 38 37			35			155	25	41	56	62	62	Footcandles			
4	49 44 40			45 41 38			42 39 36			39 37 35			36 34 33			31			145	24	59	61	77	86	Channel Spacing O.C.	Luminaire Spacing O.C.	Luminaire Suspension	
5	44 39 36			41 37 34			38 35 32			36 33 31			33 31 29			28			135	21	56	71	148	165	18"	24"		
6	40 35 31			37 33 30			35 31 29			33 30 28			31 28 26			25			125	19	49	134	186	181	6"	5"	71	70
7	36 31 28			34 30 27			32 28 25			30 27 24			28 25 23			22			115	14	63	119	95	92	8"	6"	47	46
8	33 28 24			31 26 23			29 25 22			27 24 22			25 23 21			19			105	12	57	37	60	69	8"	8"	35	35
9	30 25 21			28 24 21			26 22 20			25 21 19			23 20 18			17			95	7	12	29	50	59	5"	5"	43	42
10	26 21 18			24 20 17			23 19 16			21 18 16			20 17 15			14			90	0	10	25	47	56	6"	6"	35	35
																			85	1	8	23	42	50	8"	6"	35	35
																			75	6	10	20	39	49	10"	5"	34	33
																			65	18	28	42	81	90	8"	6"	28	28
																			55	130	217	238	190	175	8"	8"	27	27
																			45	292	404	472	468	472				
																			35	397	503	609	673	683				
																			25	456	517	599	702	726				
																			15	500	522	560	613	621				
																			5	517	521	526	529	531				
																			0	520	520	520	520	520				

Zonal Lumens and Percentages			
Zone	Lumens	% Barelamps	% Luminaires
0-90	1471	48.2	77.7
90-180	423	13.9	22.3
0-180	1894	62.1	100.0

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.

Performance for 2-F32T8/TL80

Report Number: LRL 997-2B Lamps: 2F32T8/TL80 Lumens: 3050 IES Spacing Criterion: 1.2 -Max S/MH: PARA: 1.2, PERP: 1.6 BF=1.0

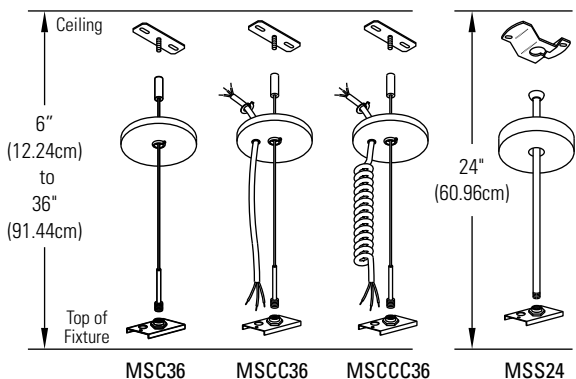


Zone	% Effective Ceiling Cavity Reflectance												Candle Power Summary															
	90			70			50			30			10			0			Zone									
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	22	45	67	90	Zone	Lumens	% Barelamps	% Luminaires				
% Wall Reflectance																												
0	77 77 77			69 69 69			63 63 63			56 56 56			51 51 51			48			180	109	109	109	109	159	0-90	2925	48.0	74.1
1	69 66 64			62 61 59			57 55 54			51 50 49			47 46 45			43			175	107	128	141	154	159	90-180	1021	16.7	25.9
2	62 58 55			57 54 51			52 50 48			47 46 44			43 42 41			39			165	102	131	165	223	229	0-180	3946	64.7	100.0
3	56 52 48			52 48 45			48 45 42			44 42 40			40 38 37			35			155	98	171	207	255	260	Footcandles			
4	51 46 42			47 43 40			43 40 37			40 37 35			37 35 33			31			145	96	220	265	322	323	Channel Spacing O.C.	Luminaire Spacing O.C.	Luminaire Suspension	
5	46 41 37			43 38 35			39 36 33			37 34 31			34 32 30			28			135	85	227	286	337	330	18"	24"		
6	42 36 33			39 34 31			36 32 30			33 30 28			31 29 27			25			125	75	229	277	264	354	6"	6"	141	140
7	38 32 29			35 31 28			33 29 26			30 27 25			28 26 24			22			115	53	177	168	152	155	8"	6"	94	93
8	34 29 25			32 27 24			30 26 23			28 24 22			26 23 21			20			105	34	85	66	98	111	8"	8"	71	70
9	31 26 22			29 25 22			27 23 21			25 22 20			23 21 19			18			95	15	22	47	82	96	5"	5"	85	84
10	27 22 19			25 21 18			24 20 17			22 19 16			20 18 16			14			90	0	18	43	77	91	6"	6"	71	70
																			85	7	15	37	68	80	8"	8"	53	53
																			75	13	19	34	66	85	10"	5"	68	67
																			65	37	58	80	128	140	8"	6"	71	70
																			55	271	418	468	428	412	8"	8"	53	53
																			45	626	797	905	890	889				
																			35	859	1016	1181	1312	1342				
																			25	992	1086	1195	1352	1390				
																			15	1090	1127	1188	1262	1270				
																			5	1128	1135	1141	1150	1150				
																			0	1131	1131	1131	1131	1131				

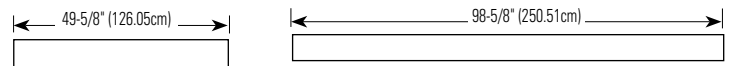
Zonal Lumens and Percentages			
Zone	Lumens	% Barelamps	% Luminaires
0-90	2925	48.0	74.1
90-180	1021	16.7	25.9
0-180	3946	64.7	100.0

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.

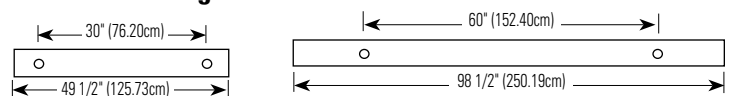
Suspension Mounting Detail



Module Dimensions



Fixture Mounting Detail



Job Information Type:

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 We reserve the right to change details of design, materials and finish.
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