

### 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>4</b> = 2-foot 14W T5 <b>5</b> = 4-foot 28W T5 <b>6</b> = 4-foot 54W T5	<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.
- Reflector:** Die-formed Specular aluminum.
- Lamps:** 14, 28, or 54 watt T-5 linear fluorescent. All lamps provided by others.
- Ballast:** 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 a slide clip and energized by insulation-displacement fittings to the channels through wiring system.

- Fixture Mounting:** The individual Fixture mounting is located on 16" (40.64cm) and 30" (76.20cm) center. Refer to the back for more information.

### Performance

#### TL28W Linear

Efficiency: 80.1%

Distribution: 0% Direct 100% 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.:**

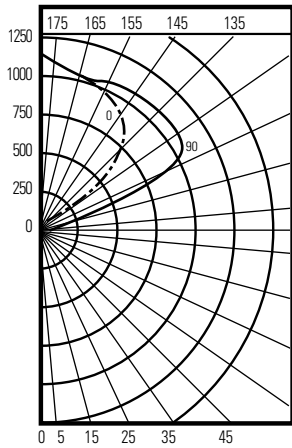
**Lamp(s):**

**Notes:**

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710  
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## Performance for 2-TL528W Linear

Report Number: LRL 1197-1C Lamps: 2-F28T5 Lumens: 2900 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	50	30	10	50	30	10	0						
0	88	88	88	65	65	65	44	44	44	26	26	26	8	8	8	0
1	76	73	69	57	54	52	39	37	36	22	22	21	7	7	7	0
2	66	61	57	49	46	43	34	32	30	20	18	18	6	6	6	0
3	58	52	47	43	39	36	30	27	25	17	16	15	6	5	5	0
4	51	44	39	38	34	30	26	23	21	15	14	12	5	4	4	0
5	45	38	33	34	29	25	23	20	18	13	12	11	4	4	3	0
6	40	33	28	30	25	22	21	18	15	12	10	9	4	3	3	0
7	38	29	24	27	22	19	19	15	13	11	9	8	3	3	3	0
8	32	25	21	24	19	16	17	14	11	10	8	7	3	3	2	0
9	29	23	18	22	17	14	15	12	10	9	8	6	3	2	2	0
10	26	20	16	20	16	13	14	11	9	8	6	5	3	2	2	0

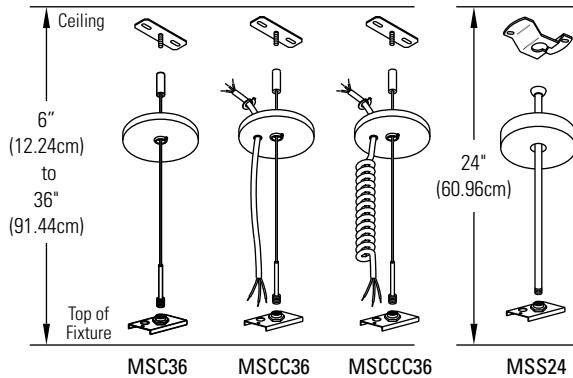
Candle Power Summary					
Zone	0	22	45	67	90
Deg.	Candelas				
180	1161	1161	1161	1161	1161
175	1160	1161	1160	1153	1158
165	1142	1138	1131	1109	1100
155	1062	1046	1020	1025	1043
145	948	924	952	1065	1103
135	774	763	909	1138	1197
125	623	689	953	1273	1269
115	405	569	912	1136	1163
105	207	451	645	939	610
95	39	11	120	80	82
90	0	0	0	0	0
85	0	0	0	0	0
75	0	0	0	0	0
65	0	0	0	0	0
55	0	0	0	0	0
45	0	0	0	0	0
35	0	0	0	0	0
25	0	0	0	0	0
15	0	0	0	0	0
5	0	0	0	0	0
0	0	0	0	0	0

Zonal Lumens and Percentages			
Zone	Lumens	% Barelamps	% Luminaires
0-90	0	0.0	0.0
90-180	4646	80.1	100.0
0-180	4646	80.1	100.0

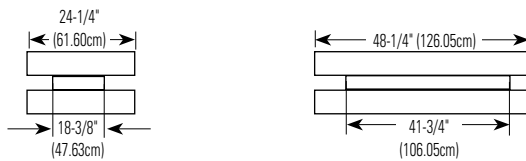
Footcandles			
Channel Spacing O.C.	Luminaire Spacing O.C.	Luminaire Suspension	
		18"	24"
	5'	130	128
6'	6'	87	86
	8'	65	64
8'	5'	78	77
	6'	65	64
	8'	49	48
10'	5'	63	62
	6'	52	51
	8'	39	38

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.

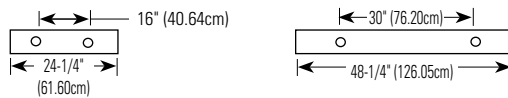
### Suspension Mounting Detail



### Module Dimensions Detail



### Fixture Mounting Detail



### Job Information Type:

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