

### Ordering Information

Style	Type	Mounting	Length	Total Lamps	Color	Ballast & Voltage
<b>CD7</b>	<b>3</b>				<b>WH</b>	
	3 = Direct/Indirect Louver	2 = Cable 3 = Stem 4 = Wall	4 = 4-foot 8 = 8-foot	1 = 1-Lamp T8 per fixture (4' fixture) 2 = 2-Lamp T8 per fixture (8' fixture)	White	<b>E81</b> = T8 Electronic 120V <b>E82</b> = T8 Electronic 277V <b>HD1</b> = T8 Electronic PowerSpec® HDF Dimming 120V <b>HD2</b> = T8 Electronic PowerSpec® HDF Dimming 277V <b>M71</b> = T8 Electronic Dimming Ballast 120V <b>M72</b> = T8 Electronic Dimming Ballast 277V

Complete ordering instructions below.

For all fixtures represented in this family please refer to the brochure and/or additional specification sheets.

### Features

- Housing:** Extruded aluminum. Die-cast end cap mechanically attached with no exposed fasteners. Concealed access holes in end plate for through wiring.
- Lamping:** One T8 32 watt fluorescent lamp, as specified. Provided by others.
- Reflector:** Accurate parabolic-shaped, die-formed semi-specular anodized aluminum reflector with 36° shielding crosswise.
- Louver:** Parabolic-shaped, die-formed semi-specular anodized aluminum. Provides low brightness in lengthwise and crosswise views with 37° shielding lengthwise. Concealed latches operate from either side.

### Electrical

Specify 120 volt or 277 volt. 3 conductor, 18 gauge wire. Color-coded quick connectors allow ease of connection for joiner modules. For special circuiting, consult factory. Rapid start, HPF, class "P" thermally protected. PowerSpec HDF dimming ballast is available. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load with out turning the entire circuit off.

### Mountings

**Cable Suspension** (not shown) - 1-1/2" (3.81cm) and 4-1/2" (11.43cm) diameter flat canopy finished enamel white, 1/16" (0.16cm) diameter stainless steel aircraft cable adjustable up to 36" (91.44cm), adjustable cable gripper.

**Stem Mounting** (not shown) - 4-1/2" (11.43cm) diameter flat canopy, 1/2" (1.27cm) diameter rigid-mounted stem. White finish. Can be cut to length on job. Self-aligning swivel provides adjustability up to 42° of slopes.

**Wall Mounting** (not shown) - consult factory for availability.

### Finish

Powder coated baked white enamel. Custom colors available, consult factory.

### Options and Accessories

Emergency batteries available.

### Ordering Instructions

#### Individual Fixtures:

- Order number of FIXTURES (fixture comes complete with end caps, mounting hardware and power feeds).

#### Continuous Rows:

- Determine run length.
- Order the appropriate number of FIXTURES for the complete run. Fixtures can be bolted together and through wired to complete long runs.

### Labels

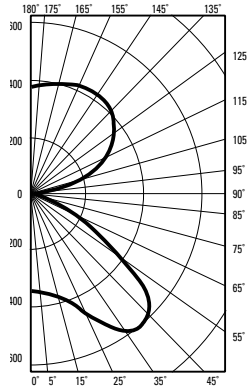
UL, cUL and I.B.E.W.

Job Information	Type:
<b>Job Name:</b>	
<b>Cat. No.:</b>	
<b>Lamp(s):</b>	
<b>Notes:</b>	

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

### CANDLEPOWER CURVE



**REPORT NO:** LRL 182-61  
**LAMPS:** 1-32W T8  
**LUMENS:** 2900  
**EFFICIENCY:** 80.3%

### CANDLEPOWER

ZONE DEG.	0	22	45	67	90
180	336	336	336	336	336
175	338	337	341	341	341
165	334	339	352	361	360
155	302	316	340	361	367
145	269	297	332	363	374
135	219	258	305	348	357
125	166	210	273	296	276
115	106	162	197	210	212
105	48	98	106	97	92
95	10	20	15	14	14
90	0	0	0	0	0
85	1	1	2	2	3
75	5	6	7	10	12
65	10	14	24	87	111
55	52	108	221	311	307
45	172	268	393	490	521
35	242	289	407	518	549
25	286	304	354	438	461
15	327	331	344	358	360
5	335	334	337	337	338
0	334	334	334	334	334

### COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

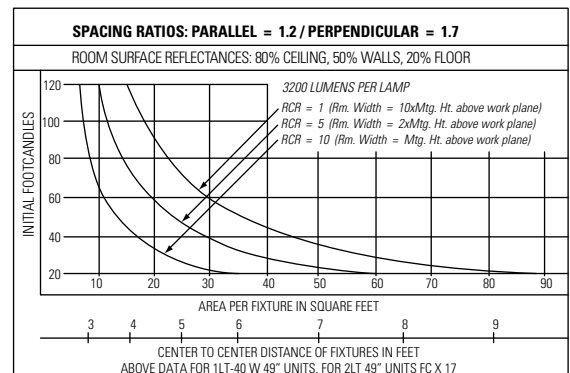
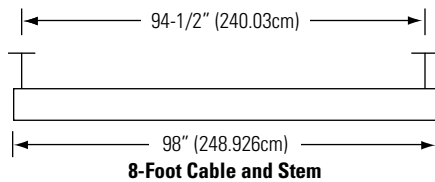
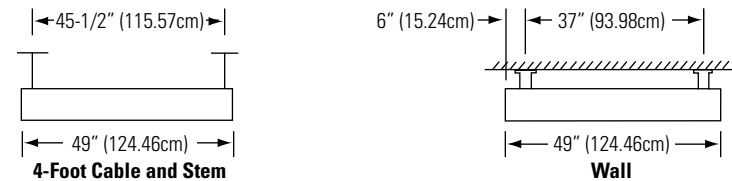
ROOM CAVITY RATIO	% WALL REFLECTANCE								
	80			70			50		
	50	30	10	50	30	10	50	30	10
0	85	85	85	78	78	78	65	65	65
1	76	73	70	70	67	65	59	57	56
2	68	63	60	62	59	56	53	50	48
3	60	55	51	56	51	48	48	44	42
4	54	48	44	50	45	41	43	39	36
5	48	42	37	45	39	35	38	34	31
6	43	37	32	40	35	31	34	30	27
7	38	32	28	36	30	26	31	26	23
8	34	28	24	32	27	23	28	23	20
9	31	25	21	29	24	20	25	21	18
10	27	21	18	25	20	17	22	17	15

20% FLOOR CAVITY REFLECTANCE

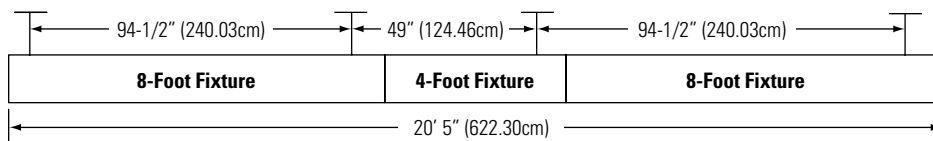
### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% BARE LAMP	% LUMINAIRE
0-90	1246	43.0	53.5
90-180	1083	37.3	46.5
0-180	2328	80.3	100.0

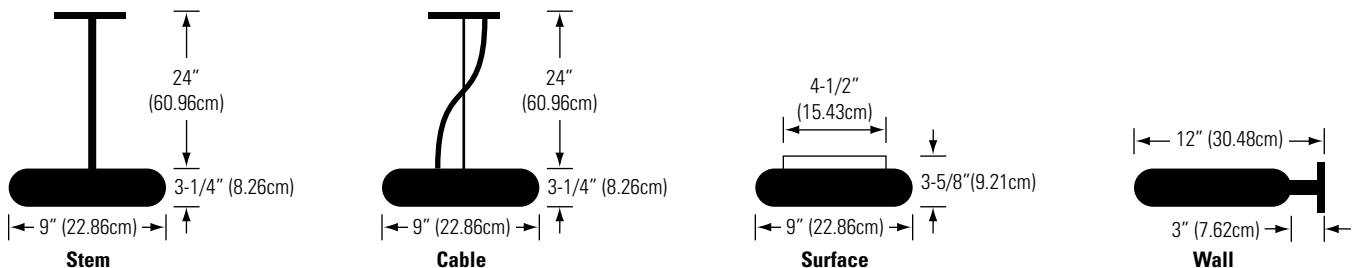
## Fixture Lengths & Mounting Locations



## Sample Run



## Mounting Details



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