

Half Scale

### Ordering Information

Style	Type	Mounting	Length	Total Lamps	Color	Ballast & Voltage
<b>CD7</b>	<b>1</b>				<b>WH</b>	
	1 = Direct Louver	1 = Surface 2 = Cable 3 = Stem 4 = Wall	4 = 4-foot 8 = 8-foot	3 = 3-Lamp T8 per fixture (4' fixture) 6 = 6-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.

**Surface & 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

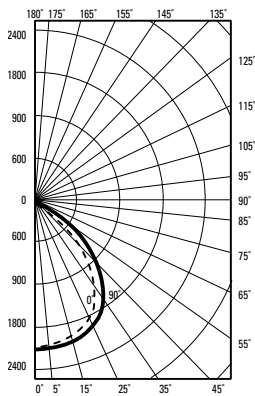
UL, cUL and I.B.E.W.

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 Calculators

### CANDLEPOWER CURVE



**REPORT NO:** LRL 496-1B  
**LAMP:** 3-32WT8  
**LUMENS:** 2900  
**EFFICIENCY:** 47.5%

### CANDLEPOWER

ZONE DEG.	0	22	45	67	90
180	0	0	0	0	0
175	0	0	0	0	0
165	0	0	0	0	0
155	0	0	0	0	0
145	0	0	0	0	0
135	0	0	0	0	0
125	0	0	0	0	0
115	0	0	0	0	0
105	0	0	0	0	0
95	0	0	0	0	0
90	0	0	0	0	0
85	3	3	3	4	4
75	10	10	10	20	20
65	30	40	50	130	120
55	190	290	520	640	670
45	1030	1080	1160	1230	1250
35	1550	1600	1670	1730	1760
25	1850	1890	1910	1980	1990
15	2030	2060	2080	2090	2070
5	2090	2090	2100	2100	2100
0	2090	2090	2090	2090	2090

### COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

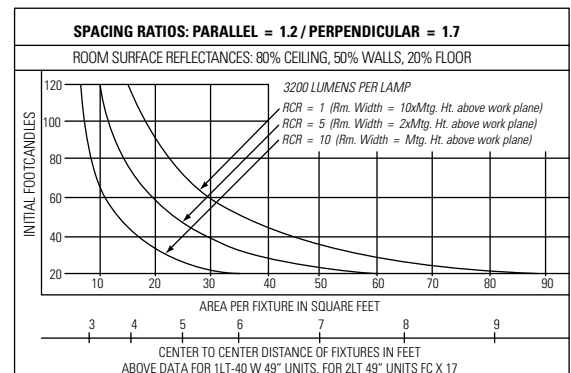
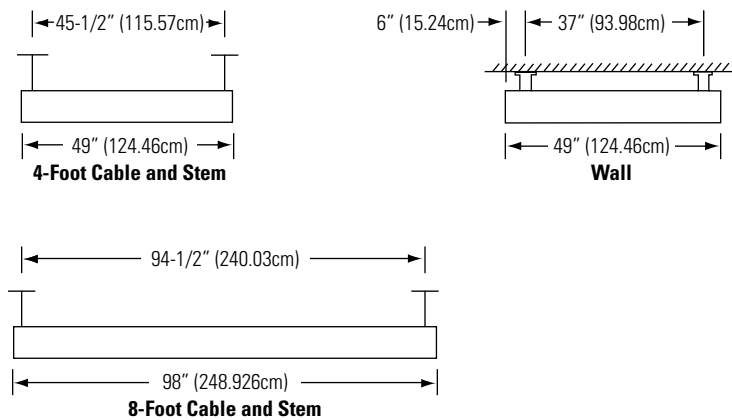
ROOM CAVITY RATIO	% WALL REFLECTANCE								
	80			70			50		
	50	30	10	50	30	10	50	30	10
0	56	56	56	55	55	55	53	53	53
1	52	51	49	51	50	49	49	48	47
2	45	46	44	47	45	44	46	44	43
3	44	42	40	44	41	40	43	41	39
4	41	38	39	40	38	35	39	37	35
5	38	35	32	37	34	32	36	34	32
6	35	31	29	34	31	29	34	31	29
7	32	29	26	31	28	26	31	28	26
8	29	26	24	29	26	24	28	25	23
9	27	23	21	26	23	21	26	23	21
10	23	20	18	23	20	18	23	20	18

20% FLOOR CAVITY REFLECTANCE

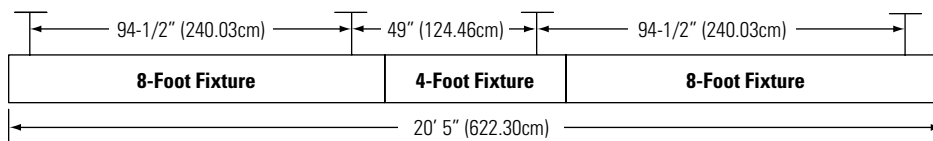
### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% BARE LAMP	% LUMINAIRE
0-90	4129	47.5	100.0
90-180	0	0.0	0.0
0-180	4129	47.5	100.0

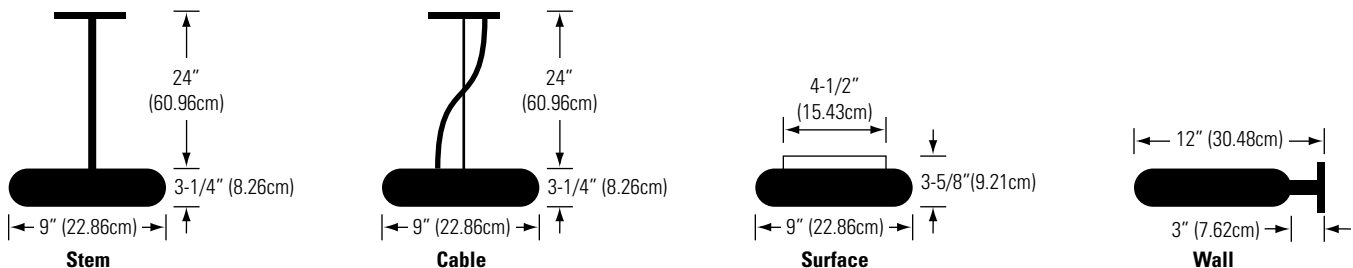
## Fixture Lengths & Mounting Locations



## Sample Run



## Mounting Details



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