

Half Scale

### 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	2 = 2-Lamp T8 per fixture (4' fixture) 4 = 4-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:** Two T8 32 watt fluorescent lamps, 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

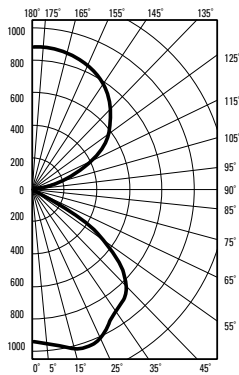
UL, cUL and I.B.E.W.

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

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### Performance and Quick Calculator

#### CANDLEPOWER CURVE



**REPORT NO:** LRL 1282-SA  
**LAMPS:** 2-F32W/T8  
**LUMENS:** 2900  
**EFFICIENCY:** 78.9%

#### CANDLEPOWER

ZONE DEG.	0	22	45	67	90
180	780	780	780	780	780
175	783	782	790	792	764
165	764	784	818	845	845
155	696	740	800	836	845
145	616	689	758	774	772
135	492	578	619	628	633
125	385	474	496	541	550
115	247	318	355	367	365
105	123	176	172	139	124
95	25	26	18	21	22
90	0	0	0	0	0
85	1	4	4	3	2
75	7	8	10	13	15
65	18	22	46	125	164
55	103	174	356	522	567
45	355	485	616	778	844
35	543	640	760	850	930
25	655	718	802	892	906
15	742	782	821	856	861
5	773	778	791	797	799
0	771	771	771	771	771

#### COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

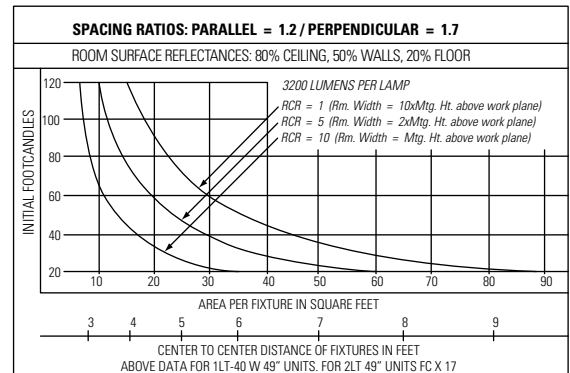
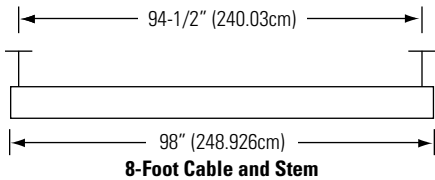
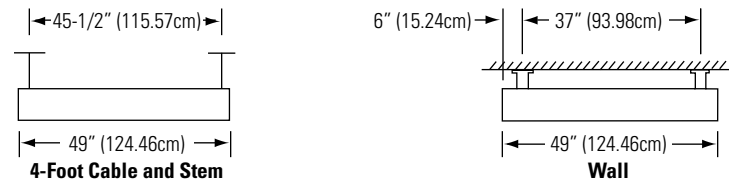
ROOM CAVITY RATIO	% WALL REFLECTANCE								
	80			70			50		
	50	30	10	50	30	10	50	30	10
1	74	72	69	68	66	64	57	55	54
2	66	62	59	61	58	55	51	49	47
3	59	54	50	55	51	47	47	43	41
4	53	48	43	49	44	41	42	38	36
5	48	42	38	44	39	35	38	34	31
6	43	37	33	40	35	31	34	30	27
7	39	33	29	36	31	27	21	27	24
8	35	29	25	32	27	24	28	24	21
9	32	26	22	29	24	21	25	21	19
10	28	22	19	26	21	18	22	18	16

20% FLOOR CAVITY REFLECTANCE

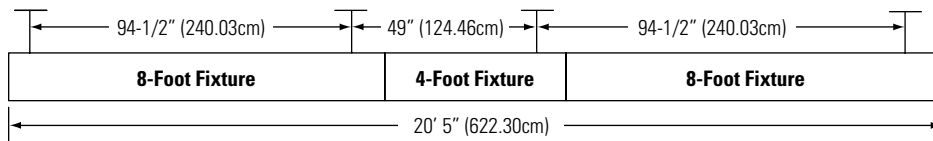
#### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% BARE LAMP	% LUMINAIRE
0-90	2553	44.0	55.8
90-180	2021	34.8	44.2
0-180	4574	78.9	100.0

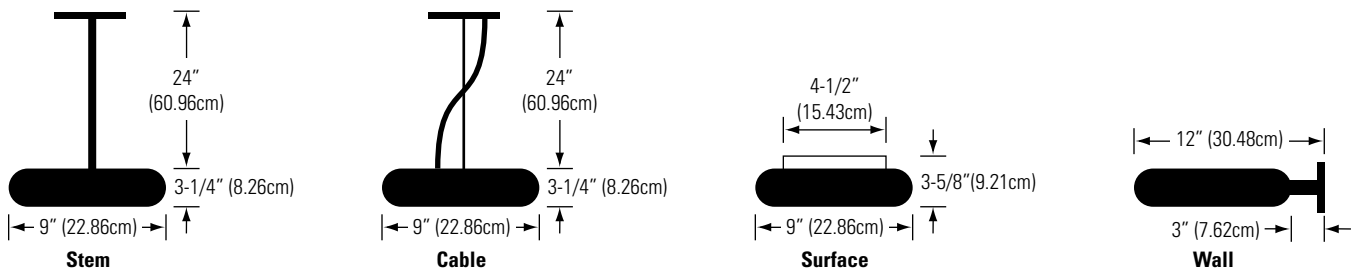
### Fixture Lengths & Mounting Locations



### Sample Run



### Mounting Details



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