

Half Scale

Ordering Information

Style	Type	Mounting	Length	Total Lamps	Color	Ballast & Voltage
CD7	3				WH	
	3 = Direct/Indirect Louver	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	E81 = T8 Electronic 120V E82 = T8 Electronic 277V HD1 = T8 Electronic PowerSpec® HDF Dimming 120V HD2 = T8 Electronic PowerSpec® HDF Dimming 277V M71 = T8 Electronic Dimming Ballast 120V M72 = 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:** Three 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.

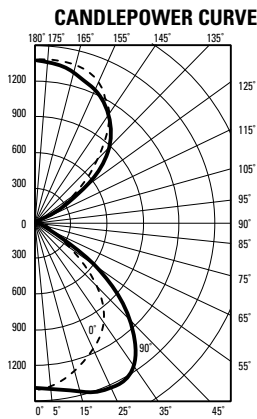
Labels

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

Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
We reserve the right to change details of design, materials and finish.
www.lightolier.com © 2008 Philips Group • C1008

Performance and Quick Calculator



REPORT NO: LRL 496-1C
LAMPS: 3-32W T8
LUMENS: 2900
EFFICIENCY: 79.9%

ZONE DEG.	CANDLEPOWER				
	0	22	45	67	90
180	1363	1363	1363	1363	1363
175	1363	1364	1374	1368	1369
165	1285	1342	1321	1292	1281
155	1238	1215	1197	1200	1202
145	1090	1056	1068	1120	1135
135	864	842	899	953	955
125	679	679	745	762	753
115	426	473	483	476	474
105	211	252	248	233	233
95	39	46	25	17	17
90	0	0	0	0	0
85	1	2	1	3	1
75	8	9	13	12	11
65	33	39	54	108	101
55	149	243	452	550	577
45	659	818	943	1048	1085
35	997	1157	1279	1389	1423
25	1188	1285	1389	1479	1505
15	1309	1347	1709	1478	1480
5	1350	1348	1361	1365	1368
0	1348	1348	1348	1348	1348

COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

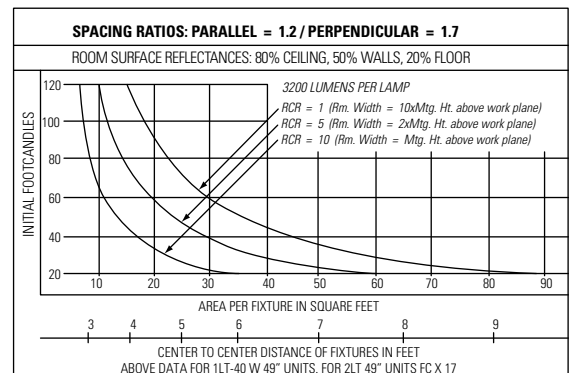
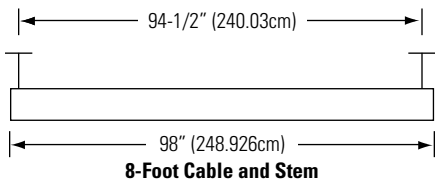
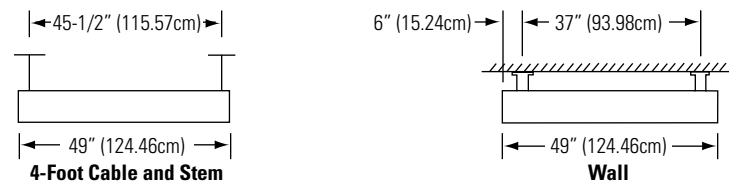
ROOM CAVITY RATIO	% WALL REFLECTANCE								
	80			70			50		
	50	30	10	50	30	10	50	30	10
0	85	85	85	78	78	78	64	64	64
1	76	73	71	69	67	65	58	57	55
2	68	64	60	63	59	56	53	50	48
3	61	56	52	57	52	49	48	45	43
4	55	49	45	51	46	43	44	40	37
5	49	44	40	46	41	37	40	36	33
6	45	39	35	42	37	33	36	32	29
7	40	35	31	38	33	29	33	29	26
8	37	31	27	34	29	26	30	26	23
9	33	28	24	31	26	23	27	23	20
10	30	24	20	28	23	19	24	20	17

20% FLOOR CAVITY REFLECTANCE

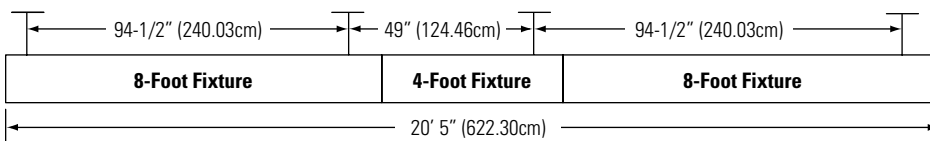
ZONAL LUMEN SUMMARY

ZONE	LUMENS	% BARE LAMP	% LUMINAIRE
0-90	3845	44.2	55.3
90-180	3109	35.7	44.7
0-180	6954	79.9	100.0

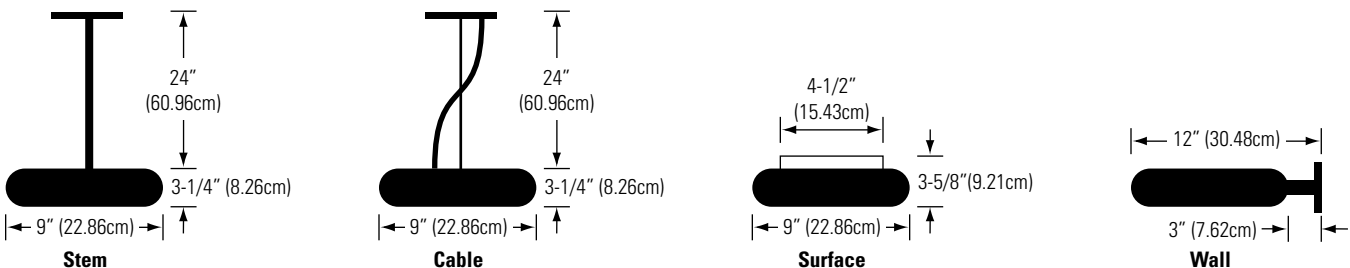
Fixture Lengths & Mounting Locations



Sample Run



Mounting Details



Job Information Type:

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
 We reserve the right to change details of design, materials and finish.
 www.lightolier.com © 2008 Philips Group • C1008