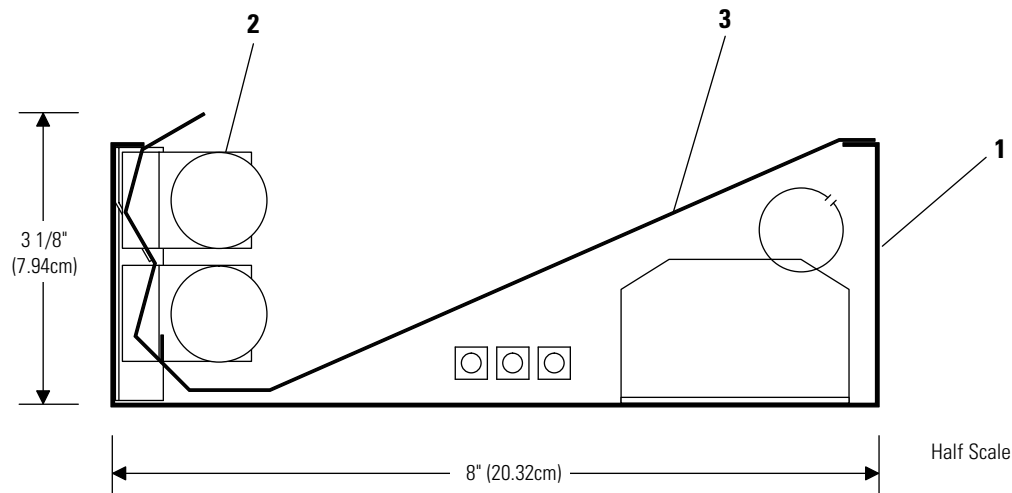




Ordering Information

Style	Lamps	Length	Ballast & Voltage
CL	2		
	2 = 2-Lamp T8	2 = 2-Foot 3 = 3-Foot 4 = 4-Foot 6 = 6-Foot 8 = 8-Foot	E81 = Electronic T8 120V E82 = Electronic T8 277V HD1 = PowerSpec® HDF Dimming T8 120V HD2 = PowerSpec® HDF Dimming T8 277V

Features

- Housing:** Die-formed 20 gauge pre-painted steel. Low profile 3-1/8" (7.94cm) height and 8" (20.32cm) wide.
- Lamping:** Two T8 fluorescent lamps: 18 watt for 2 foot, 32 watt for 4-foot and 8-foot modules, 25 watt for 3-foot and 6-foot modules. Lamps by others.
- Reflector:** Constructed of precision die-formed specular aluminum lighting sheet. Reflector is covered with a scratch resistant protective coating to prevent damage during installation.

Electrical

Specify 120V or 277V. 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 without turning the entire circuit off.

Labels

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

Job Information

Type:

Job Name:

Cat. No.:

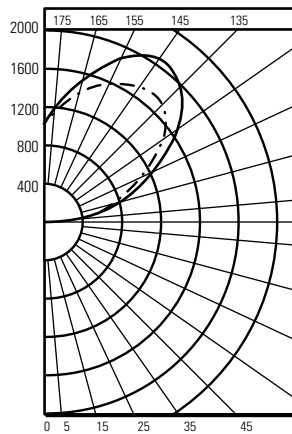
Lamp(s):

Notes:

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Performance

CANDLEPOWER CURVE



REPORT NO: LRL 896-1D
LAMPS: 2-F32WT8
LUMENS: 2900
EFFICIENCY: 63.7%

CANDLEPOWER

Zone ➤ 0 22 45 67 90 112 135 157 180

Deg.

CANDELAS

180	955	955	955	955	955	955	955	955	955
175	1146	1112	1096	1005	971	855	825	755	745
165	1525	1483	1375	1124	955	677	550	427	392
155	1799	1718	1558	1200	889	486	281	114	103
145	2048	1944	1671	1225	793	289	88	44	34
135	1958	1899	1705	1162	637	103	31	10	0
125	1707	1635	1550	1103	495	42	0	0	0
115	1327	1290	1179	955	310	0	0	0	0
105	904	879	832	625	168	0	0	0	0
95	370	354	312	245	54	0	0	0	0
90	121	110	83	35	0	0	0	0	0

COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

		80			70			50		
		% WALL REFLECTANCE								
ROOM CAVITY RATIO		50	30	10	50	30	10	50	30	10
	1	53	50	48	45	43	41	31	30	29
	2	46	42	39	39	37	34	27	25	24
	3	40	36	33	35	31	28	24	22	20
	4	35	31	27	30	27	24	21	19	17
	5	31	27	23	27	23	20	19	16	14
	6	28	23	20	24	20	17	16	14	12
	7	25	20	17	21	17	15	15	12	10
	8	22	18	15	19	15	13	13	11	9
	9	20	16	13	17	14	11	12	10	8
0	18	14	11	16	12	10	11	9	7	

20% FLOOR CAVITY REFLECTANCE

Distribution Summary

Zone	Lumens	% Barelamp	% Luminaire
0-90	0	0	0
90-180	3693	63.7	100.00
0-180	3693	63.7	100.00

Quick Calculators and Ceiling Brightness

Readings are rounded off based on initial footcandles at center of 20-foot run of luminaires. Room reflectance is 80% ceiling, 50% wall and 20% floor.

2Lt, 2 Fixtures, 2 Walls, 14" (0.36m) from Ceiling

Distance From Ceiling	Distance from wall							
	0'	2'	4'	6'	8'	10'	12'	14'
14" (0.36m)	0	0.61m	1.22m	1.83m	2.44m	3.05m	3.66m	4.27m
14" (0.36m)	188	60	25	25	60	188		
8'6" (2.59m)	60	60	59	59	60	60		
9'6" (2.90m)	56	57	56	56	57	56		
10'6" (3.20m)	52	53	54	54	53	52		
11'6" (3.51m)	49	50	51	51	50	49		
12'6" (3.81m)	46	48	48	48	48	46		

2Lt, 2 Fixtures, 2 Walls, 18" (0.46m) from Ceiling

Distance From Ceiling	Distance from wall							
	0'	2'	4'	6'	8'	10'	12'	14'
18" (0.46m)	0	0.61m	1.22m	1.83m	2.44m	3.05m	3.66m	4.27m
18" (0.46m)	200	75	30	30	75	200		
8'6" (2.59m)	59	60	59	59	60	59		
9'6" (2.90m)	55	56	56	56	56	55		
10'6" (3.20m)	51	53	54	54	53	51		
11'6" (3.51m)	48	50	51	51	50	48		
12'6" (3.81m)	46	47	48	48	47	46		

2Lt, 1 Fixture, 1 Wall, 14" (0.36m) from Ceiling

Distance From Ceiling	Distance from wall							
	0'	2'	4'	6'	8'	10'	12'	14'
14" (0.36m)	0	0.61m	1.22m	1.83m	2.44m	3.05m	3.66m	4.27m
14" (0.36m)	180	51	14	11	8	8		
8'6" (2.59m)	43	40	33	26	21	17		
9'6" (2.90m)	39	36	31	25	21	17		
10'6" (3.20m)	35	33	29	25	20	17		
11'6" (3.51m)	32	30	27	24	20	17		
12'6" (3.81m)	29	28	26	23	20	17		

2Lt, 2 Fixtures, 1 Wall, 18" (0.46m) from Ceiling

Distance From Ceiling	Distance from wall							
	0'	2'	4'	6'	8'	10'	12'	14'
18" (0.46m)	0	0.61m	1.22m	1.83m	2.44m	3.05m	3.66m	4.27m
18" (0.46m)	191	66	18	13	9	8		
8'6" (2.59m)	42	39	33	26	21	17		
9'6" (2.90m)	38	35	31	26	21	17		
10'6" (3.20m)	34	32	29	25	21	17		
11'6" (3.51m)	31	30	27	24	20	17		
12'6" (3.81m)	28	28	25	23	20	17		

Maximum Candle Power: 2048 CD at 125°

Brightness ratio on vertical wall above fixture is:

1:1.8 when mounted 14" (0.36m) from ceiling;

1:1.8 when mounted 18" (0.46m) from ceiling.

Job Information

Type:

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