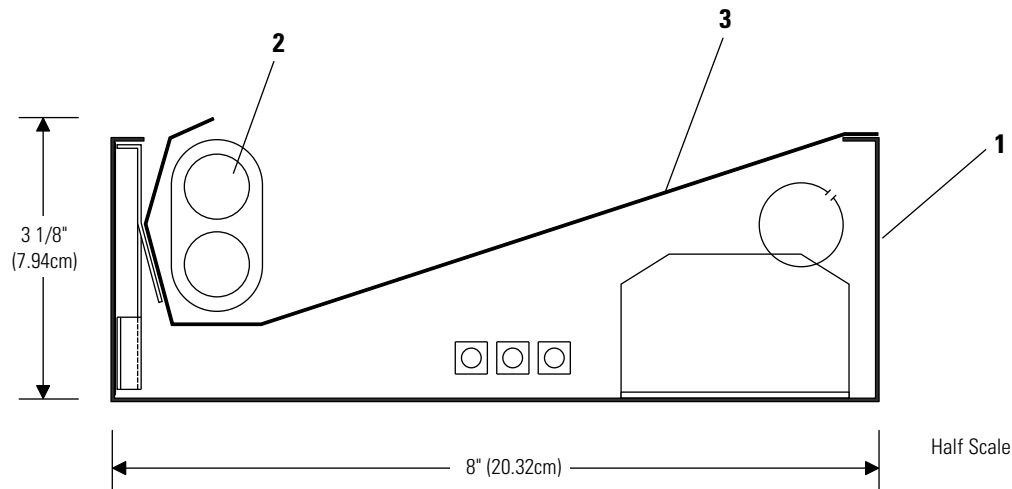




Ordering Information

Style	Lamps	Length	Ballast & Voltage
CL	1		
	1 = 1-Lamp Biax	2 = 2-Foot (1-40W) 3 = 3-Foot (2-39W) 4 = 4-Foot (2-40W) 6 = 6-Foot (4-39W) 8 = 8-Foot (4-40W)	BX = Electronic Biax 39W or 40W 120V BX2 = Electronic Biax 39W or 40W 277V HDBX = PowerSpec® HDF Dimming Biax 120V HDBX2 = PowerSpec® HDF Dimming Biax 277V

Features

- Housing:** Die-formed 20 gauge pre-painted steel. Low profile 3-1/8" (7.94cm) in height and 8" (20.32cm) in width.
- Lamping:** High output twin tube T5. 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.:

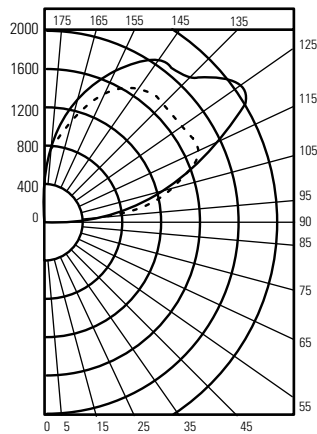
Lamp(s):

Notes:

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Performance

CANDLEPOWER CURVE



REPORT NO: LRL 1196-8A
LAMPS: 2-F40BX
LUMENS: 3150
EFFICIENCY = 64.7%

CANDLEPOWER

Zone ➤	0	22	45	67	90	112	135	157	180
Deg.	CANDELAS								
180	682	682	682	682	682	682	682	682	682
175	844	826	797	727	671	632	560	542	522
165	1323	1251	1125	860	645	497	267	179	145
155	1704	1601	1430	962	582	343	91	77	47
145	2028	1918	1657	1053	501	158	32	16	14
135	2120	1966	1743	1079	410	68	12	12	12
125	2488	2202	1741	1075	309	28	12	12	12
115	1991	1964	1800	937	205	4	3	3	3
105	1435	1383	1261	825	94	2	0	0	0
95	812	754	735	366	26	2	0	0	0
90	370	314	304	66	13	2	0	0	0
85	0	0	0	0	0	0	0	0	0

Distribution Summary

Zone	Lumens	% Barelamp	% Luminaire
0-90	0	0	0
90-180	4076	64.7	100.00
0-180	4076	64.7	100.00

COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

		80			70			50		
		% WALL REFLECTANCE								
		50	30	10	50	30	10	50	30	10
ROOM CAVITY RATIO	1	53	51	49	46	44	42	31	30	29
	2	47	43	40	40	37	35	27	26	24
	3	41	37	33	35	32	29	24	22	20
	4	36	31	28	31	27	24	21	19	17
	5	32	27	23	27	23	20	19	16	14
	6	28	23	20	24	20	17	17	14	12
	7	25	21	17	22	18	15	15	12	11
	8	23	18	15	20	16	13	14	11	9
	9	21	16	13	18	14	11	12	10	8
	10	19	14	12	16	13	10	11	9	7

20% FLOOR CAVITY REFLECTANCE

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.

BIAX, 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)	230	86	35	35	86	230		
8'6" (2.59m)	66	67	66	66	67	66		
9'6" (2.90m)	61	63	63	63	63	61		
10'6" (3.20m)	57	59	60	60	59	57		
11'6" (3.51m)	54	56	56	56	56	54		
12'6" (3.81m)	51	52	53	53	52	51		

BIAX, 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)	227	107	42	42	107	227		
8'6" (2.59m)	64	67	67	67	67	64		
9'6" (2.90m)	60	62	63	63	62	60		
10'6" (3.20m)	56	59	60	60	59	56		
11'6" (3.51m)	53	55	56	56	55	53		
12'6" (3.81m)	50	52	53	53	52	50		

BIAX, 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)	221	76	20	15	11	10		
8'6" (2.59m)	46	43	37	29	23	19		
9'6" (2.90m)	42	39	34	29	23	19		
10'6" (3.20m)	38	36	32	27	23	19		
11'6" (3.51m)	34	33	30	26	23	19		
12'6" (3.81m)	32	31	28	25	22	19		

BIAX, 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)	217	96	25	17	11	10		
8'6" (2.59m)	45	43	37	30	24	19		
9'6" (2.90m)	40	39	34	29	24	20		
10'6" (3.20m)	36	35	32	28	23	20		
11'6" (3.51m)	33	32	30	26	23	19		
12'6" (3.81m)	31	30	28	25	22	19		

Maximum Candle Power: 2488 CD at 125°

Brightness ratio on vertical wall above fixture is:

1:1.4 when mounted 14" (0.36m) from ceiling;

1:1.4 when mounted 18" (0.46m) from ceiling.

Job Information

Type:

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