

Ordering Information

Type	Lamps	Length	Shielding	Ballast	Voltage	Finish
LSBW	2 2 = 2-Lamp T5	4 = 4-Foot 8 = 8-Foot	B B = Pierced	28 = 28W T5 54 = 54W T5 5E = 54W T5 Emergency Pack 2E = 28W T5 Emergency Pack 5D = 54W T5 Dimming	1 = 120 Volt 2 = 277 Volt	AL = Aluminum WH = White

Complete ordering instructions below.

Features

- Housing:** Extruded aluminum. Die-cast end cap mechanically attached with no exposed fasteners or hardware.
- Lamping:** Two T5, 28 or 54 watt (as specified) fluorescent lamps per 4-foot nominal section. Provided by others.
- Reflector:** Precision die-formed, semi-specular aluminum.
- Shielding:** Precision die-formed, pierced 20 gauges CRS Piercing is four rows that extend the entire length of the lamps. The pattern is 5/8" (1.59cm) x 1/16" (0.16cm) slot with a 3/16" (0.48cm) separation between rows.

Electrical

Ballast - <10% T.H.D., .98 ballast factor, pre-heat start. 18 gauge wire. Color-coded quick connectors allow ease of connection for joiner modules. For special circuiting, consult factory. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.

Dimming - 120/277 VAC, 1% dimming level.

Emergency Battery Pack - 28 Watt: 520 Lumens @ 90 min.
54 Watt: 700 Lumens @ 90 min.

Mountings

Dual-screw, draw-tight connector to create hairline seam between joiner modules.

Finish

Powder coated baked white or aluminum finish.
Custom colors available, consult factory.

Labels

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

Ordering Instructions

Individual Fixtures:

- Order number of MODULES required.
- Order one END SET per MODULE.

Continuous Rows:

- Determine run length.
- Order the appropriate number of MODULES to complete the run.
- Order one END SET per run.

Job Information

Type:

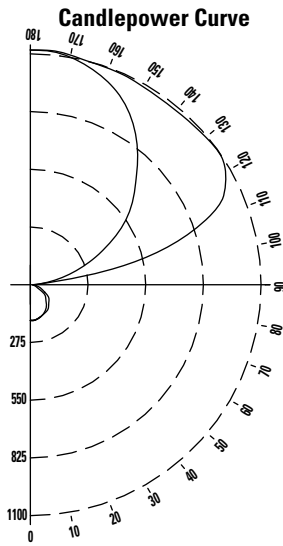
Job Name:

Cat. No.:

Lamp(s):

Notes:

Performance Distribution is Symmetrical



Report No: LRL 300-1G
Cat No: LSB24B28
Lamps: 2 F28T5
Lumens: 2900
Efficiency: 83.8%

ZONE DEG. ↓	Candlepower Summary				
	0	22	45	67	90
	CANDELAS				
180	1118	1118	1118	1118	1118
175	1116	1114	1117	1119	1120
165	1074	1082	1093	1106	1099
155	1000	1014	1044	1081	1093
145	875	911	971	1052	1081
135	713	769	883	1037	1086
125	565	642	858	1084	1098
115	376	513	799	962	1019
105	193	383	612	667	665
95	44	131	83	71	56
90	11	17	12	12	12
85	12	15	15	14	18
75	25	28	31	39	45
65	41	47	57	66	69
55	85	85	99	108	107
45	105	106	114	122	124
35	132	132	136	148	145
25	151	151	151	152	153
15	164	163	164	164	162
5	171	170	172	171	171
0	170	170	170	170	170

Calculations are for 28 watt T5 lamps. For 54 watt T5 lamps, multiply by 1.7.

COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

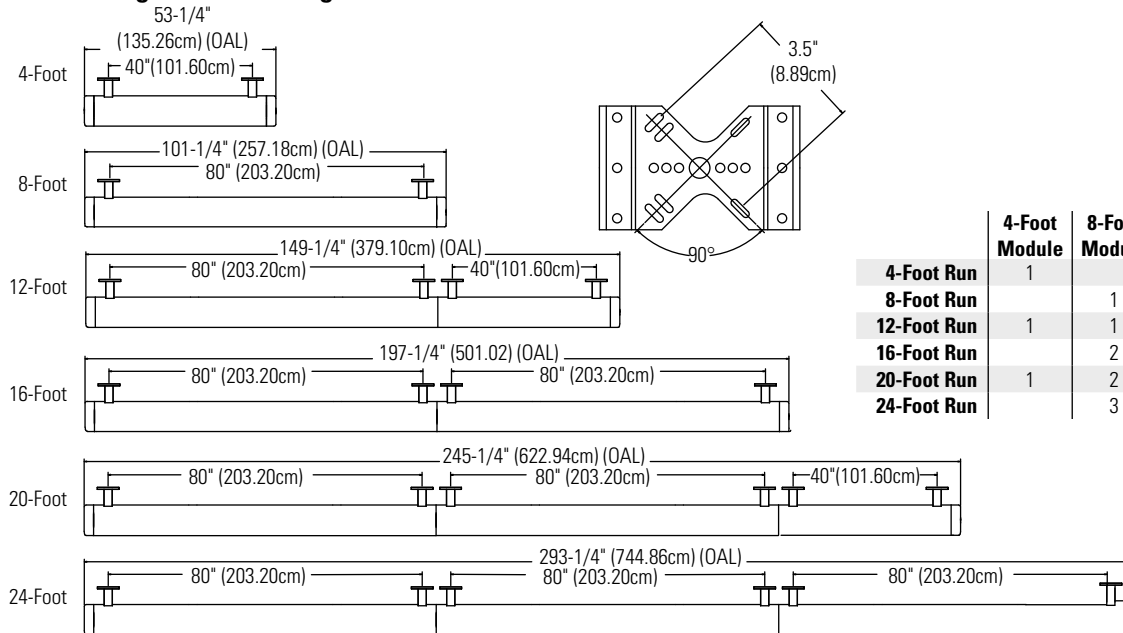
	REFLECTANCE								
	80			70			50		
	70	50	30	70	50	30	50	30	10
0	82	82	82	71	71	71	51	51	51
1	74	71	68	65	62	59	45	43	42
2	68	62	57	59	54	50	39	37	35
3	62	55	49	54	48	43	35	32	29
4	56	48	42	49	42	37	27	24	21
5	52	43	36	45	37	32	24	21	18
6	47	38	32	41	33	28	22	18	16
7	44	34	32	38	30	28	24	21	18
8	40	31	24	35	27	22	20	16	14
9	37	28	22	32	24	19	18	14	12
10	35	25	19	30	22	17	16	13	11

20% FLOOR CAVITY REFLECTANCE

ZONAL LUMEN SUMMARY

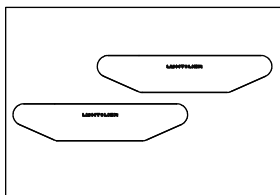
ZONE	LUMENS	% BARELAMP	% LUMINAIRE
0 - 90	502	8.7	10.3
90 - 180	4357	75.1	89.7
0 - 180	4860	83.8	100.0

Fixture Lengths & Mounting Locations



	4-Foot Module	8-Foot Module	LSBWE
4-Foot Run	1		1
8-Foot Run		1	1
12-Foot Run	1	1	1
16-Foot Run		2	1
20-Foot Run	1	2	1
24-Foot Run		3	1

Accessories



End Set : LSBWEWH: White
 LSBWEAL: Aluminum
 Order one per run of fixtures.

Job Information

Type:

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