

Ordering Information

Type	Lamps	Length	Shielding	Ballast	Voltage	Finish
LSBW	1 1 = 1-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:** One T5, 28 or 54 watt (as specified) fluorescent lamp 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.
4 wire feed required.

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.:

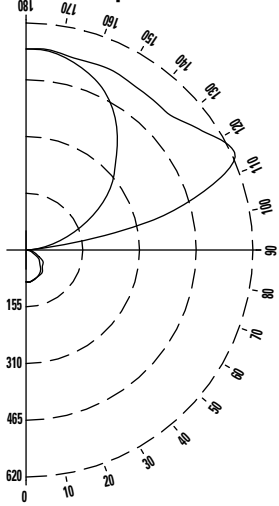
Lamp(s):

Notes:

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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Performance Distribution is Symmetrical

Candlepower Curve



Candlepower Summary

ZONE DEG.	0	22	45	67	90	
		CANDELAS				
180	549	549	549	549	549	
175	548	548	549	549	551	
165	526	532	537	548	540	
155	490	498	515	538	544	
145	428	448	484	524	537	
135	347	379	439	511	537	
125	276	319	427	553	576	
115	182	253	435	585	629	
105	93	196	376	424	419	
95	23	74	50	27	25	
90	3	4	5	6	6	
85	2	8	9	8	9	
75	13	15	15	19	22	
65	22	25	28	33	35	
55	43	43	51	56	57	
45	53	53	59	62	63	
35	69	68	70	75	76	
25	78	77	78	79	79	
15	84	84	84	85	83	
5	88	88	88	88	88	
0	87	87	87	87	87	

COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY

REFLECTANCE

	% WALL REFLECTANCE								
	80			70			50		
	70	50	30	70	50	30	50	30	10
0	85	85	85	74	74	74	53	53	53
1	78	74	71	67	64	62	47	45	43
2	71	65	60	61	56	52	41	38	36
3	64	57	51	56	50	45	36	33	30
4	59	50	44	51	44	39	32	28	26
5	54	44	38	47	39	33	28	25	22
6	49	40	33	43	35	29	25	22	19
7	45	35	29	39	31	26	23	19	16
8	42	32	25	36	28	23	20	17	14
9	39	29	23	34	25	20	19	15	13
10	36	26	20	31	23	18	17	13	11

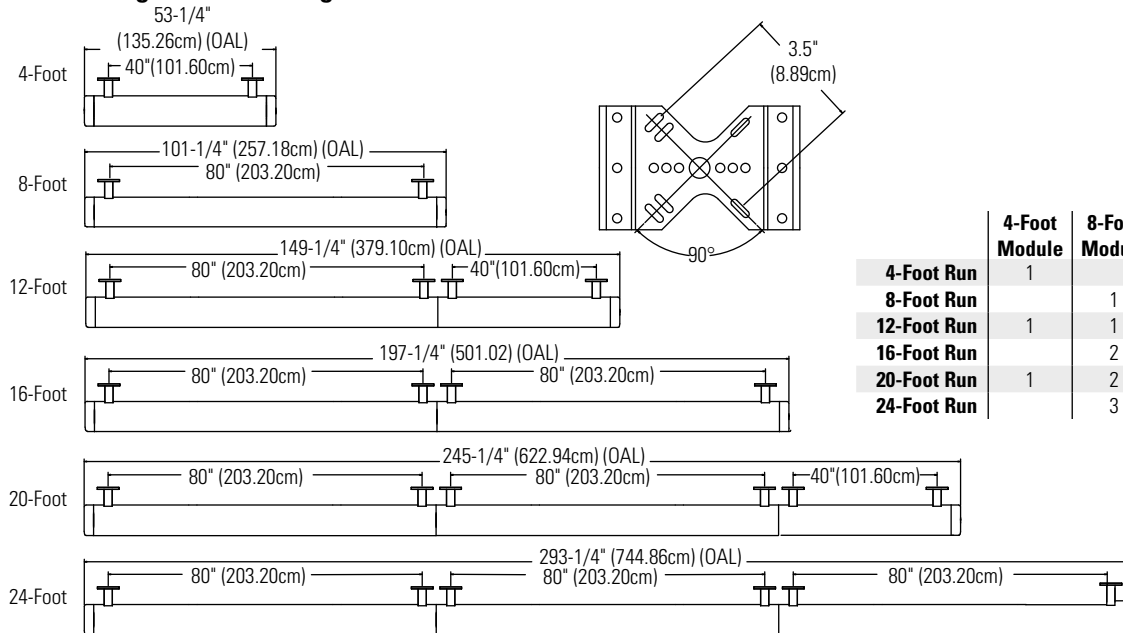
20% FLOOR CAVITY REFLECTANCE

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% BARELAMP	% LUMINAIRE
0 - 90	257	8.9	10.2
90 - 180	2274	78.4	89.8
0 - 180	2531	87.3	100.0

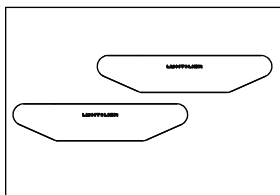
Calculations are for 28 watt T5 lamps. For 54 watt T5 lamps, multiply by 1.7.

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.

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