

### Ordering Information

Family	Lamps	Length	Shielding	Ballast	Voltage	Finish
<b>LSB</b>	<b>2</b> 2 = 2-Lamp T5	<b>4</b> = 4-Foot <b>8</b> = 8-Foot	<b>B</b> B = Pierced	<b>28</b> = 28W T5 <b>54</b> = 54W T5 <b>5E</b> = 54W T5 Emergency Pack <b>2E</b> = 28W T5 Emergency Pack <b>5D</b> = 54W T5 Dimming	<b>1</b> = 120 volt <b>2</b> = 277 volt	<b>AL</b> = Aluminum <b>WH</b> = 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 gauge 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 is <10% THD, .98 ballast factor, pre-heat start. 18 gauge wire. Color-coded quick connectors allow ease of connection for joiner modules. Power feed is 18 gauge white SJT. 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, 4 wire feed required.

**Emergency Battery Pack:** 28 watt: 520 lumens @ 90 minutes, 54 watt: 700 lumens @ 90 minutes, 4 wire feed required.

### Mountings

Cable suspension (not shown) - 4-1/2" (11.43cm) diameter canopy finished white enamel, 1/16" (0.16cm) diameter stainless steel aircraft cable adjustable up to 36" (91.44cm). 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.

### Options and Accessories

Emergency Circuiting; special circuiting; X, T & L joiner blocks - consult factory.

### Labels

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

### Ordering Instructions

#### Individual Fixtures:

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

#### Continuous Rows:

- Determine run length.
- Order the appropriate number of MODULES for the complete run.
- Order one POWER FEED END SET per run.
- Order one CABLE ASSEMBLY per MODULE minus one per run.
- For runs that exceed amperage limits, order the appropriate number of CABLE/CORD ASSEMBLIES.

### Job Information

### Type:

**Job Name:**

**Cat. No.:**

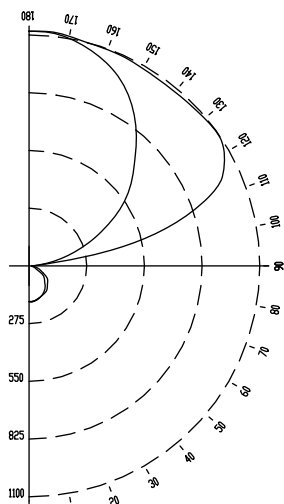
**Lamp(s):**

**Notes:**

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

#### CANDLEPOWER CURVE



REPORT NO: LRL 300-1G  
 CAT NO: LSB24B28  
 LAMPS: 2 F28T5  
 LUMENS: 2900  
 EFFICIENCY: 83.8%

#### CANDLEPOWER

ZONE DEG.	0	22	45	67	90
180	1118	1118	1118	1118	1118
175	1116	1114	1118	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

#### COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

	80									70			50		
	WALL REFLECTANCE														
	70	50	30	70	50	30	50	30	10	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	31	27	25						
5	52	43	36	45	37	32	27	24	21						
6	47	38	32	41	33	28	24	21	18						
7	44	34	28	38	30	24	22	18	16						
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						

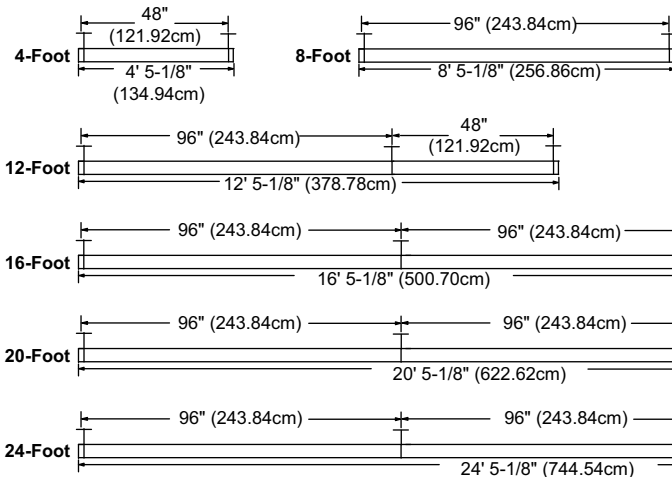
20% FLOOR CAVITY REFLECTANCE

#### DISTRIBUTION

Zone	Lumens	% Lamp	% Luminaire
0-90	502	8.7	10.3
90-180	4357	75.1	89.7
0-180	4860	83.8	100.0

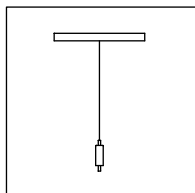
Calculations are for 28 watt T5 lamps, for 54 watt T5 lamps multiply by 1.7

### Fixture Lengths & Mounting Locations

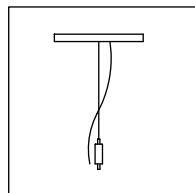


	4-Foot Module	8-Foot Module	Cable/Assembly	Power Feed End Set
4-Foot Run	1			1
8-Foot Run		1		1
12-Foot Run	1	1	1	1
16-Foot Run		2	1	1
20-Foot Run	1	2	2	1
24-Foot Run		3	2	1

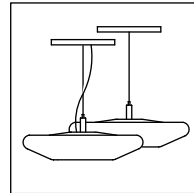
### Mounting Accessories



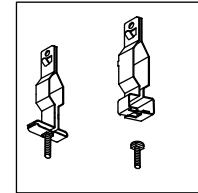
**Cable Assembly**  
Single Cable: **LSBC36**



**Cable/Cord Assembly**  
Single Cable & Cord: **LSBCC36**  
Single Cable & 4 Wire Cord\*: **LSBCC36X4**



**Power Feed End Set**  
Straight Cord: **LSBEC36WH** (white)  
**LSBEC36AL** (aluminum)  
4 Wire Cord\*: **LSBEC36WHX4** (white)  
**LSBEC36ALX4** (aluminum)



**Ceiling Grid Kit**  
**CGK**  
Includes both Standard 1" (254cm) Tee Bar Clip & Slot Tee Clip

\*Use for dimming, switching, and emergency battery packs.

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