

Fixture Shown Half Scale

Ordering Information

| Family | Lamps | Length | Shielding | Ballast | Voltage | Finish |
|------------|---------------------------|--|-------------------------------|--|--|---|
| LSB | 2 2 = 2-Lamp T5 | 4 = 4-Foot 8 = 8-Foot | D D = Radial Louver | 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.
- Radial Louver:** Precision die-formed aluminum straight blade louver, blades are 5/8" (1.59cm) high and 5/8" (1.59cm) O.C.

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.:

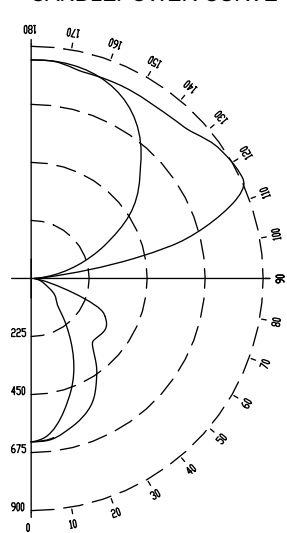
Lamp(s):

Notes:

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

CANDLEPOWER CURVE



| ZONE DEG. | CANDLEPOWER | | | |
|--------------|-------------|-----|-----|-----|
| | 22 | 45 | 67 | 90 |
| 180 | 847 | 847 | 847 | 847 |
| 175 | 848 | 847 | 848 | 848 |
| 165 | 835 | 837 | 836 | 835 |
| 155 | 797 | 800 | 811 | 826 |
| 145 | 719 | 740 | 778 | 819 |
| 135 | 599 | 641 | 726 | 821 |
| 125 | 485 | 546 | 722 | 889 |
| 115 | 325 | 436 | 693 | 855 |
| 105 | 174 | 337 | 576 | 646 |
| 95 | 45 | 128 | 88 | 80 |
| 90 | 0 | 0 | 0 | 0 |
| 85 | 17 | 19 | 22 | 25 |
| 75 | 40 | 44 | 48 | 57 |
| 65 | 66 | 71 | 81 | 141 |
| 55 | 112 | 115 | 135 | 226 |
| 45 | 144 | 156 | 194 | 279 |
| 35 | 252 | 271 | 323 | 394 |
| 25 | 392 | 406 | 452 | 514 |
| 15 | 516 | 526 | 551 | 589 |
| 5 | 618 | 619 | 627 | 630 |
| 0 | 633 | 633 | 633 | 633 |

COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

| | WALL REFLECTANCE | | | | | | | | |
|----|------------------|----|----|----|----|----|----|----|----|
| | 80 | | | 70 | | | 50 | | |
| | 70 | 50 | 30 | 70 | 50 | 30 | 50 | 30 | 10 |
| 0 | 84 | 84 | 84 | 75 | 75 | 75 | 57 | 57 | 57 |
| 1 | 77 | 73 | 70 | 68 | 65 | 63 | 50 | 49 | 47 |
| 2 | 70 | 65 | 60 | 62 | 58 | 54 | 45 | 42 | 40 |
| 3 | 64 | 57 | 51 | 57 | 51 | 46 | 40 | 37 | 34 |
| 4 | 59 | 51 | 45 | 52 | 45 | 40 | 36 | 32 | 29 |
| 5 | 54 | 45 | 39 | 48 | 41 | 35 | 32 | 28 | 25 |
| 6 | 50 | 41 | 34 | 44 | 37 | 31 | 29 | 25 | 22 |
| 7 | 46 | 36 | 30 | 41 | 33 | 27 | 26 | 22 | 19 |
| 8 | 42 | 33 | 27 | 38 | 30 | 24 | 24 | 20 | 17 |
| 9 | 39 | 30 | 24 | 35 | 27 | 22 | 22 | 18 | 15 |
| 10 | 37 | 27 | 22 | 33 | 25 | 20 | 20 | 16 | 14 |

20% FLOOR CAVITY REFLECTANCE

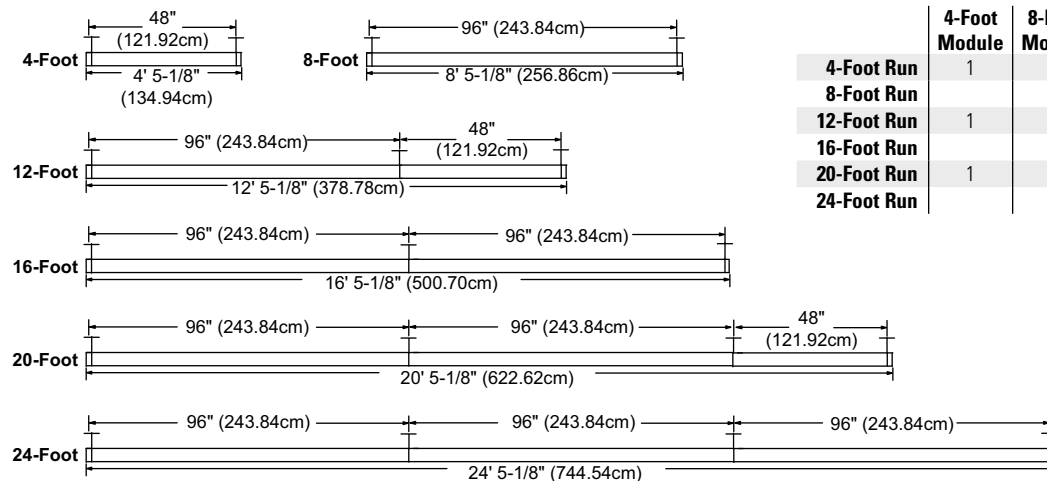
DISTRIBUTION

| Zone | Lumens | % Lamp | % Luminaire |
|--------|--------|--------|-------------|
| 0-90 | 1167 | 20.1 | 24.3 |
| 90-180 | 3643 | 62.8 | 75.7 |
| 0-180 | 4810 | 82.9 | 100.0 |

REPORT NO: LRL 300-1F
 CAT NO: LSB24D28
 LAMPS: 2 F28T5
 LUMENS: 2900
 EFFICIENCY: 82.9%

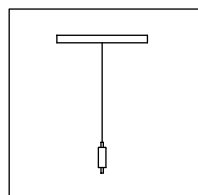
Calculations are for 28 watt T5 lamps, for 54 watt T5 lamps multiply by 1.7

Fixture Lengths & Mounting Locations

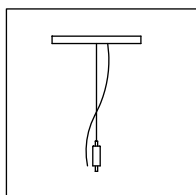


| | 4-Foot Module | 8-Foot Module | Cable/Assembly | Power Feed End Set |
|-------------|---------------|---------------|----------------|--------------------|
| 4-Foot Run | 1 | | | 1 |
| 8-Foot Run | | 1 | | 1 |
| 12-Foot Run | 1 | 1 | 1 | 1 |
| 16-Foot Run | | 2 | 1 | 1 |
| 20-Foot Run | 1 | 2 | 2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

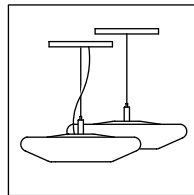
Mounting Accessories



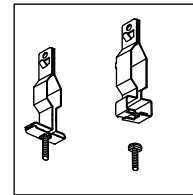
Cable Assembly
 Single Cable: **LSBC36**



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" (2.54cm) Tee Bar Clip & Slot Tee Clip

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

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