

## Ordering Information

Family	Lamps	Length	Shielding	Ballast	Voltage	Finish and Dust Cover	Options
<b>LSC</b>	<b>1</b>		<b>C</b>				
LSC	1 = 1-Lamp T8	4 = 4-foot 8 = 8-foot 12 = 12-foot	C = Pierced	32 = 32W T8 3E = 32W T8 Emergency Pack 3D = 32W T8 Dimming	1 = 120v 2 = 277v 3 = 347v	AL = Aluminum WH = White AD = Aluminum with Dust Cover WD = White with Dust Cover	Blank = No Options DS = A-B Switching X4 = 4 through wires X5 = 5 through wires

## Features

- Housing:** Die-formed 18 gauge CRS. Two 1-1/4" (3.18cm) perforated strips in housing. Rectangular piercings are 1/8" (0.32cm) wide and 1/8" (0.32cm) apart. Die-cast end cap mechanically attached with no exposed fasteners.
- Lamp:** One T8 32 watt fluorescent lamp per 4-foot nominal section. Provided by others.
- Reflector:** Patented precision die-formed semi-specular aluminum.

## Electrical

**Electronic Ballast** - Instant start 3 conductor, 18 gauge wire. Color-coded quick connectors allow easy connection for modular fixtures. Power feed is 18 gauge white cord. 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** - Advance Mark X, use Advance compatible two-wire control (no extra lead required).

**Emergency Batter Pack** - 32 watt: 450 lumens @ 90 minutes.

## Mounting

**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). 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

**Dual Switching** - Order the DS option for separate row switching. DS option comes complete with the 4th through wire option.

**4 and 5 Wire** - Order X4 for EM battery. For non-standard dimming options, order X5 option for Advance Mark VII, DALI and ESI. Order X4 for Lutron Hi-Lume and ECO-10. Consult factory for any additional wiring conditions.

## Ordering Instructions

### Individual Fixtures:

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

### Continuous Runs:

- Determine run length.
- Order the appropriate number of MODULES or 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.

## Labels

UL, cUL and IBEW

## Job Information

## Type:

**Job Name:**

**Cat. No.:**

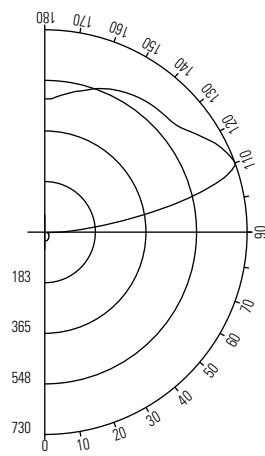
**Lamp(s):**

**Notes:**

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

### CANDLEPOWER CURVE



ZONE DEG.	0	22	45	67	90
180	483	483	483	483	483
175	484	485	488	489	492
165	468	485	508	522	530
155	436	471	518	555	571
145	387	442	518	572	594
135	324	402	500	575	605
125	251	345	471	583	638
115	169	281	467	645	710
105	89	230	497	300	601
95	13	149	129	453	134
90	0	1	3	6	9
85	0	2	5	9	10
75	2	4	8	12	13
65	6	9	11	15	16
55	12	14	15	18	18
45	17	19	20	21	21
35	22	24	24	25	24
25	25	27	28	28	27
15	28	28	30	30	30
5	30	30	30	29	28
0	29	29	29	29	29

**Report No:** ITL53297  
**Cat No:** LSC14C321WH  
**Lamps:** 1 F32T8  
**Lumens:** 2950  
**Efficiency:** 90.2%

### COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

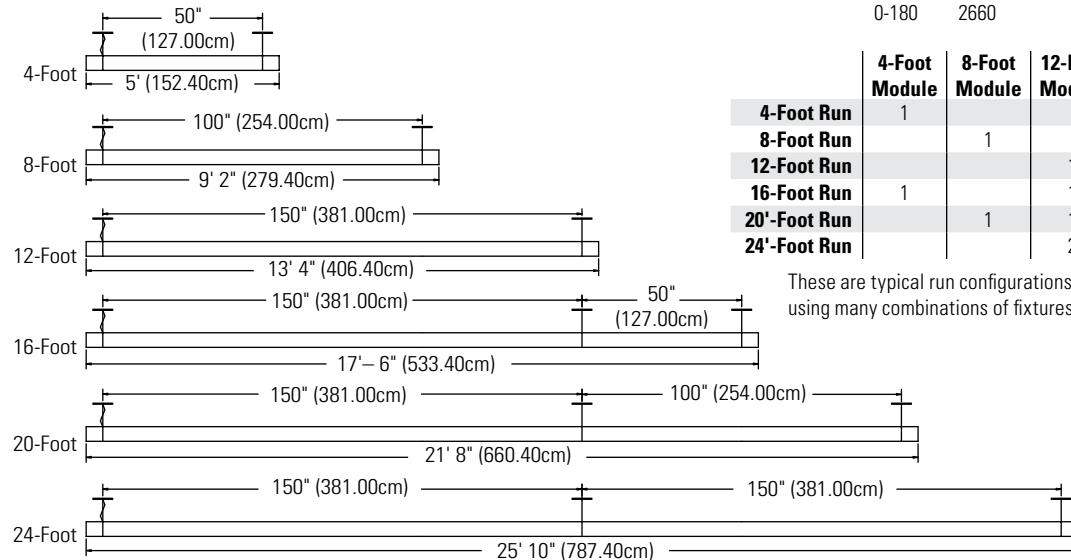
ROOM CAVITY RATIO	% WALL REFLECTANCE								
	80			70			50		
	70	50	30	70	50	30	50	30	10
0	87	87	87	75	75	75	52	52	52
1	79	75	72	68	65	62	45	43	45
2	72	65	60	61	56	52	39	37	35
3	65	57	51	56	49	45	35	32	29
4	59	51	44	51	44	38	31	28	24
5	54	45	38	46	39	33	28	24	21
6	50	40	33	43	34	29	24	21	18
7	46	36	29	39	31	25	22	18	15
8	42	32	26	36	28	22	20	16	14
9	39	29	23	34	25	20	18	14	12
10	36	26	20	31	23	18	16	13	10

Floor cavity reflectance = 20%

### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% BARELAMP	% LUMINAIRE
0-90	94	3.2	3.5
90-180	2567	87	96.5
0-180	2660	90.2	100.0

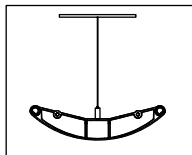
## Fixture Lengths & Mounting Locations



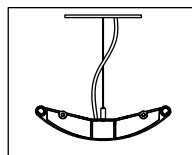
	4-Foot Module	8-Foot Module	12-Foot Module	Power Feed End Set	Cable/Assembly
4-Foot Run	1			1	
8-Foot Run		1		1	
12-Foot Run			1	1	
16-Foot Run	1		1	1	1
20'-Foot Run		1	1	1	1
24'-Foot Run			2	1	1

These are typical run configurations. Runs can be constructed using many combinations of fixtures.

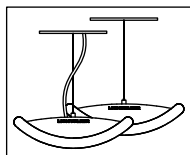
## Mounting Accessories



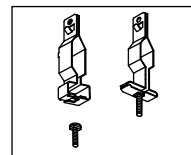
**Cable Assembly**  
Single Cable: LSCC36



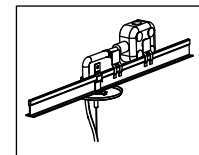
**Cable Cord Assembly:**  
Single Cable & Cord: LSCCC36  
Single Cable & 4 Wire Cord\*: LSCCC36X4



**Power Feed End Set**  
**Straight Cord:**  
LSCEC36WH (White)  
LSCEC36AL (Aluminum)  
**4 Wire\*:**  
LSCEC36WHX4 (White)  
LSCEC36ALX4 (Aluminum)



**Ceiling Grid Kit**  
**CGK**  
Includes standard 1" (2.54cm) Tee Bar Clip & Slot Tee Clip.  
Order 1Kit per non-power suspension point.



**Ceiling Grid Kit Power**  
**CGKP**  
Includes the hardware necessary to install a power feed above a suspended ceiling. J-Box and conduit not included. Order one for every powered suspension point.

\* Use for dimming or emergency battery packs.

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