

Ordering Information

Family	Lamps	Length	Shielding	Ballast	Voltage	Finish
LSC	1		B			
LSC	1 = 1-Lamp T5	4 = 4-foot 8 = 8-foot 12 = 12-foot	B = Perforated	28 = 28W T5 54 = 54W T5 5E = 54W T5 Emergency Pack 2E = 28W T5 Emergency Pack 5D = 54W T5 Dimming	1 = 120v 2 = 277v	AL = Aluminum WH = White

Features

- Housing:** Die-formed 18 gauge CRS. Two 1-1/4" (3.18cm) perforated strips in housing. Holes are staggered, 3/32" (0.24cm) diameter. Die-cast end cap mechanically attached with no exposed fasteners.
- Lamp:** One T5 28 or 54 watt (as specified) fluorescent lamp per 4-foot nominal section. Provided by others.
- Reflector:** Patented precision die-formed semi-specular aluminum.

Electrical

Ballast is <10% THD, .98 ballast factor, rapid start. 3 conductor, 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 10% dimming level. Emergency Batter Pack - 28 watt: 520 lumens @ 90 minutes, 54 watt: 700 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. May be stanchion mounted on Steelcase Answer®, Montage®, and Segment® Wall Systems.

Finish

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

Options and Accessories

Emergency circuiting, special circuiting - consult factory.

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

Steelcase Answer®, Montage®, and Segment® Wall Systems are registered trademarks of Steelcase Corporation.

Job Information

Type:

Job Name:

Cat. No.:

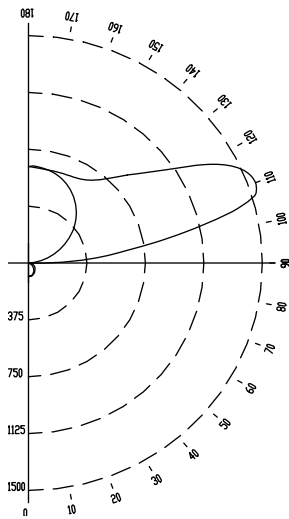
Lamp(s):

Notes:

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
We reserve the right to change details of design, materials and finish.
www.lightolier.com © 2008 Philips Group • C0908

Performance - Prorated 54W T5

CANDLEPOWER CURVE



REPORT NO: ITL49854
 CAT NO: LSC14B54
 LAMPS: 1 F54T5
 LUMENS: 5000
 EFFICIENCY: 86.4%

ZONE DEG.	CANDLEPOWER				
	0	22	45	67	90
180	636	636	636	636	636
175	638	638	633	629	631
165	617	617	614	624	628
155	576	581	598	622	634
145	512	529	578	636	667
135	433	466	571	724	803
125	335	393	634	936	1069
115	231	347	822	1321	1484
105	121	390	1031	1352	1390
95	28	360	402	471	474
90	21	48	85	72	109
85	3	16	14	14	14
75	7	10	17	24	26
65	14	21	28	36	38
55	28	33	40	48	50
45	43	48	52	57	59
35	60	64	66	69	69
25	72	76	78	79	79
15	83	85	86	86	86
5	88	88	88	88	88
0	88	88	88	88	88

COEFFICIENTS OF UTILIZATION

	% EFFECTIVE CEILING CAVITY REFLECTANCE								
	80			70			50		
	WALL REFLECTANCE								
	70	50	30	70	50	30	50	30	10
0	83	83	83	72	72	72	51	51	51
1	76	72	69	65	62	60	44	42	41
2	69	63	58	59	54	50	38	36	34
3	63	55	49	54	48	43	34	31	28
4	57	49	42	49	42	37	30	27	24
5	52	43	37	45	37	32	27	23	20
6	48	38	32	41	33	28	24	20	18
7	44	34	28	38	30	25	21	18	15
8	41	31	25	35	27	22	19	16	13
9	38	28	22	33	24	19	18	14	12
10	35	26	20	30	22	17	16	13	10

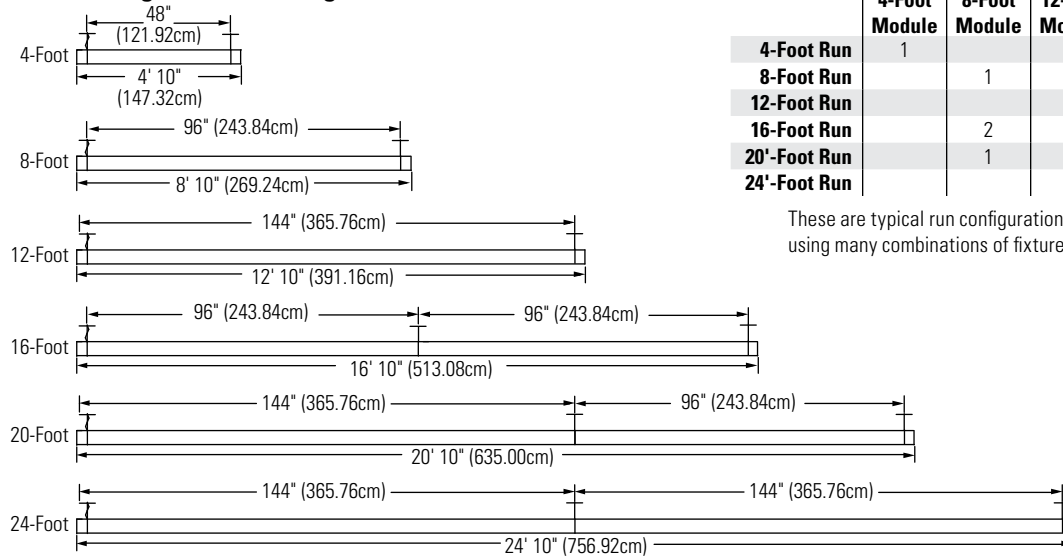
20% FLOOR CAVITY REFLECTANCE

DISTRIBUTION

Zone	Lumens	% Lamp	% Luminaire
0-90	246	4.9	5.7
90-180	4073	81.5	94.3
0-180	4319	86.4	100.0

Calculations are for 54 watt T5 lamps, for 28 watt T5 lamps divide by 1.7
 Lighting data prorated from 28 watt T5 (ITL49768)

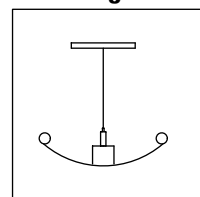
Fixture Lengths & Mounting Locations



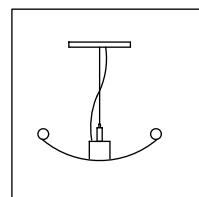
	4-Foot Module	8-Foot Module	12-Foot Module	Power Feed End Set	Cable/Assembly
4-Foot Run	1			1	
8-Foot Run		1		1	
12-Foot Run			1	1	
16-Foot Run		2		1	1
20'-Foot Run		1	1	1	1
24'-Foot Run			2	1	1

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

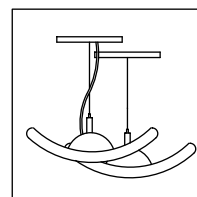
Mounting Accessories



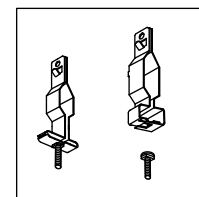
Cable Assembly
 Single Cable: LSCC36



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



Power Feed End Set
 Straight Cord: LSCCE36WH (white)
 LSCCE36AL (aluminum)
 4 Wire Cord*: LSCCE36WHX4 (white)
 LSCCE36ALX4 (aluminum)



Ceiling Grid Kit
 CGK
 Includes both Standard 1" (2.54cm) Tee Bar Clip & Slot Tee Clip.
 Order 1 Kit per mounting point.

* Use for dimming and/or emergency battery packs

Job Information

Type:

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
 We reserve the right to change details of design, materials and finish.
 www.lightolier.com © 2008 Philips Group • C0908