

Ordering Information

Family	Lamps	Length	Type	Mounting	Shielding	Voltage	Options
SQ6			D	S			
	1 = 1-Light 3 = 3-Light	4 = 4-Foot 8 = 8-Foot	D = Direct	S = Surface	S = Straight Blade Louver C = Paracube 1/2" L = Lens K19 N = None P = Parabolic Louver	1 = 120v 2 = 277v 3 = 347v D1 = Dimming 120v D2 = Dimming 277v E1 = Emergency 120v E2 = Emergency 277v	X4 = 4th Wire X5 = 5th Wire Blank = No Opt. DS = Dual Switch

Complete ordering instruction below.

Features

- Housing:** 20 gauge pre-painted die formed steel. Weldless, die-cast bulkheads allowing casting to casting luminaire connection. ABS Cast plastic end caps, painted white to match housing, fastenerless attachment.
- Lamp:** One or Three F32T8 fluorescent lamps per 4-foot section. Provided by others.
- Reflector:** Precision die-formed high reflectance white pre-painted steel.
- Straight Blade Louver:** Lift and shift, constructed from die-formed aluminum and finished to match the housing. Louver blades are 1" (2.54cm) high on 1-1/8" (2.86cm) centers.
- Lens:** Extruded 100% acrylic clear prismatic lens.
- Paracube Louver:** Lift and shift, injection molded metalized louver with 1/2" (1.27cm) x 1/2" (1.27cm) cubes.
- Parabolic Louver:** Lift and shift, constructed of die-formed semi-specular aluminum. Louver blades are 1" (2.54cm) high on 1-1/2" (3.81cm) centers.

Electrical

Electronic Ballast: 3 conductor, 18 gauge wire. Color-coded quick connectors allow easy connection for modular fixtures. Power feed is 18 gauge white cord. 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 Battery Pack: 450 Lumens @ 90min.

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.

Mounting

Surface Mounting: Precision die-formed steel bracket system that mounts to the ceiling and allows the fixture to lift, slide and lock into position. Painted white.

Finish

Pre-painted white finish.

Ordering Instructions

Individual Fixtures:

- Order number of Modules required.
- Order one End Set Surface per Module.

Continuous Runs:

- Determine run length.
- Order the appropriate number of Modules for the complete run.
- Order one End Set Surface per run.

Labels

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

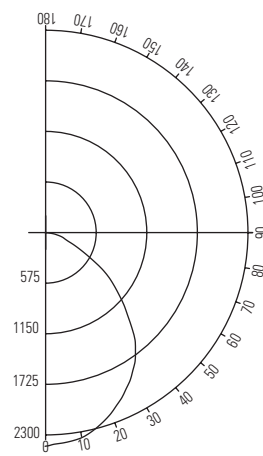
Job Information Type:

Job Name:

Cat. No.:

Notes:

Performance & Quick Calculators



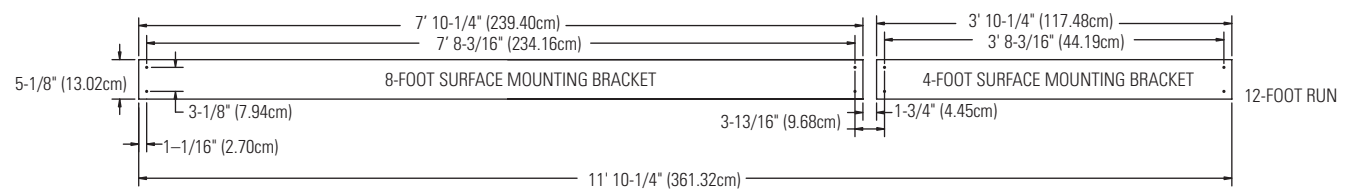
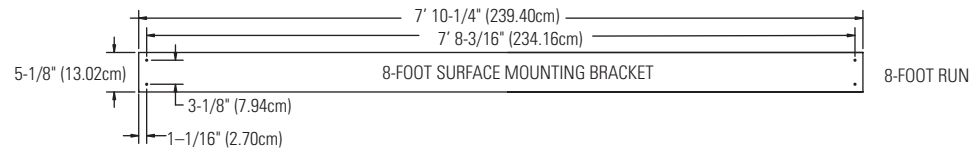
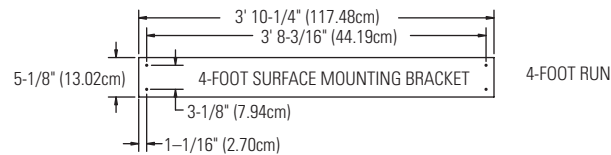
Report No.: ITL53184
Catalog No.: SQ634DSS1
Lamps: 3-F32T8
Lumens: 2950
Efficiency: 51.7%

ZONE DEG.	CANDLEPOWER				
	0	22	45	67	90
180	0	0	0	0	0
175	0	0	0	0	0
165	0	0	0	0	0
155	0	0	0	0	0
145	0	0	0	0	0
135	0	0	0	0	0
125	0	0	0	0	0
115	0	0	0	0	0
105	0	0	0	0	0
95	0	0	0	0	0
90	0	5	8	16	0
85	36	45	49	58	57
75	165	173	180	210	207
65	318	331	350	415	414
55	497	521	611	769	869
45	789	873	1018	1203	1299
35	1234	1313	1418	1615	1747
25	1662	1723	1806	1946	2024
15	2044	2082	2140	2211	2242
5	2335	2341	2345	2345	2348
0	2377	2377	2377	2377	2377

ROOM CAVITY RATIO	COEFFICIENTS OF UTILIZATION								
	% EFFECTIVE CEILING CAVITY REFLECTANCE								
	80			70			50		
	% WALL REFLECTANCE								
	50			30			10		
0	62	62	62	60	60	60	58	58	58
1	55	53	51	54	52	50	52	50	49
2	49	46	43	48	45	43	46	44	42
3	44	40	37	43	39	37	41	38	36
4	39	35	32	39	35	32	37	34	31
5	35	31	28	35	31	28	34	30	28
6	32	28	25	32	28	25	31	27	25
7	30	25	22	29	25	22	28	25	22
8	27	23	20	27	23	20	26	23	20
9	25	21	18	25	21	18	24	21	18
10	23	19	17	23	19	17	23	19	17

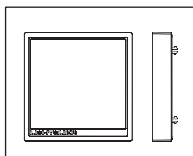
ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% BARELAMP	% LUMINAIRE
0-90	4577	51.7	100.0
90-180	0	0.0	0.0
0-180	4577	51.7	100.0

Fixture Lengths & Mounting Locations



	4-Foot Module	8-Foot Module	End Set
4-Foot Run	1		1
8-Foot Run		1	1
12-Foot Run	1	1	1
16-Foot Run		2	1

Mounting Accessories



End Set Surface:
SQ6E

Job Information Type:



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SQ6-12 03/13

Philips Lighting Company
 200 Franklin Square Drive
 Somerset, NJ 08873
 Phone: 855-486-2216

www.philips.com/luminaire

Philips Lighting Company
 281 Hillmount Road
 Markham ON, Canada L6C 2S3
 Phone: 905-201-4100

www.philips.com/luminaire