

Ordering Information

Family	Lamps	Length	Type	Mounting	Shielding	Voltage	Options
SQ6	2 2 = 2-Light	4 = 4-Foot 8 = 8-Foot	D D = Direct	S 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:** Two 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

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	0	0	0	0
85	29	36	39	45	47
75	126	133	137	164	184
65	240	253	270	338	259
55	374	397	471	673	766
45	593	657	723	922	1077
35	922	968	1008	1114	1193
25	1238	1280	1296	1365	1408
15	1524	1546	1571	1600	1609
5	1731	1741	1745	1739	1738
0	1763	1763	1763	1763	1763

Report No.: ITL53177
Catalog No.: SQ624DSS1
Lamps: 2-F32T8
Lumens: 2950
Efficiency: 58.0%

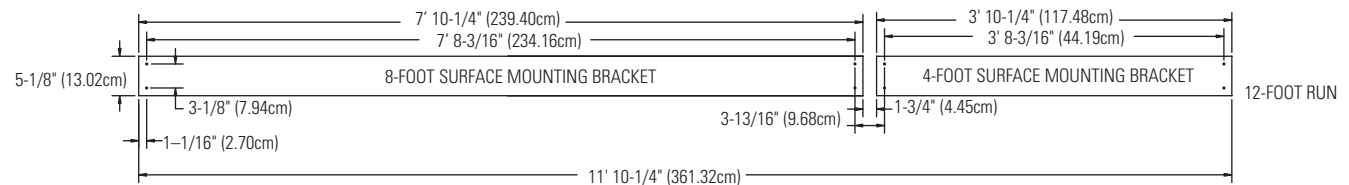
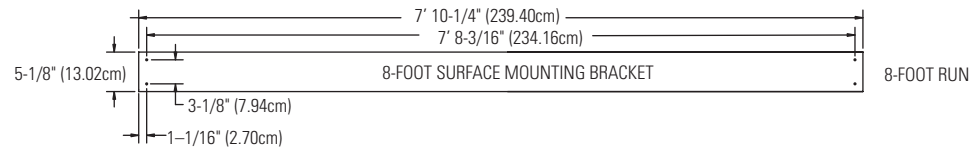
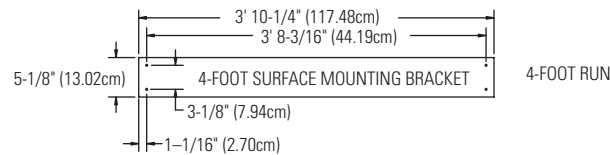
COEFFICIENTS OF UTILIZATION

ROOM CAVITY RATIO	% EFFECTIVE CEILING CAVITY REFLECTANCE								
	80			70			50		
	% WALL REFLECTANCE								
	50	30	10	50	30	10	50	30	10
0	69	69	69	68	68	68	65	65	65
1	62	59	57	60	58	57	58	56	55
2	55	51	48	54	50	48	52	49	46
3	49	44	41	48	44	41	46	43	40
4	44	39	35	43	39	35	42	38	35
5	39	35	31	39	34	31	38	34	31
6	36	31	28	35	21	27	34	30	27
7	33	28	25	32	28	25	31	27	24
8	30	25	22	30	25	22	29	25	22
9	28	23	20	27	23	20	27	23	20
10	26	21	19	26	21	19	25	21	18

ZONAL LUMEN SUMMARY

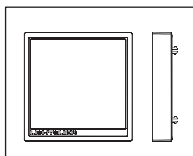
ZONE	LUMENS	% BARELAMP	% LUMINAIRE
0-90	3424	58.0	100.0
90-180	0	0.0	0.0
0-180	3424	58.0	100.0

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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SQ6-11 03/13

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