

Module Ordering Information

Family	Lamps	Length	Type	Mounting	Shielding	Voltage	Voltage (Cont'd.)	Options
SQ6	2 2 = 2 Light	<input type="text"/> 4 = 4 Foot 8 = 8 Foot	D D = Direct-	S S = Surface	<input type="text"/> S = Strait Blade Louver C = Paracube 1/2" L = Lens K19 N = None P = Parabolic Louver	<input type="text"/> 1 = 120V 2 = 277V 3 = 347V D1 = Dimming 120V D2 = Dimming 277V	<input type="text"/> D3 = Dimming 347V E1 = Emergency 120V E2 = Emergency 277V	<input type="text"/> X4 = 4th Wire X5 = 5th Wire Blank = No Opt DS = Dual Switch

Complete ordering instructions below.

Features

- Housing:** 20 gauge pre-painted die formed steel. Weldless, die-cast bulk-heads allowing casting to casting luminaire connection. ABS Cast plastic end caps, painted white to match housing, fastenerless attachment.
- Lamping:** Two F32T8 fluorescent lamps per 4' section. Provided by others.
- Reflector:** Precision die-formed high reflectance white pre-painted steel.
- Louvers:** Lift and shift straight blade louver constructed from die-formed aluminum and finished to match the housing. Louver blades are 1" high on 1 1/8" centers.
- Lens:** Extruded 100% acrylic clear prismatic lens.
- Paracube Louver:** Lift and shift, injection molded metalized louver with 1/2" X 1/2" cubes.

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. Dimming: Advance Mark X, use Advance compatible two-wire control (no extra lead required).
Emergency Battery Pack: 450 Lumens @ 90 min.

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 textured white finish. Shipped with plastic adhesive film protector.

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;

Options and Accessories (Continued)

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 End Set Wall or Surface per Module.

Continuous Rows:

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

Labels

UL, cUL and IBEW

Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

Lightolier a Genlyte company

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.

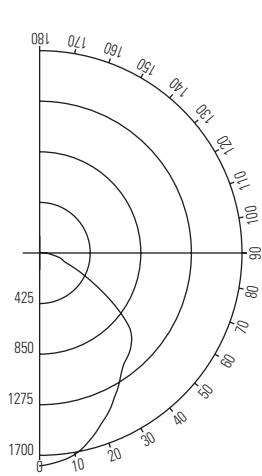
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Performance & Quick Calculators



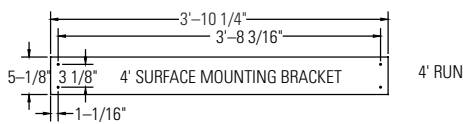
DEG. ZONE	0	22	45	67	90
180	0	0	0	0	0
175	0	0	0	0	0
165	0	0	0	0	0
155	0	0	0	0	0
145	0	0	0	0	0
135	0	0	0	0	0
125	0	0	0	0	0
115	0	0	0	0	0
105	0	0	0	0	0
95	0	0	0	0	0
90	0	0	0	0	0
85	29	36	39	45	47
75	126	133	137	164	184
65	240	253	270	338	259
55	374	397	471	673	766
45	593	657	723	922	1077
35	922	968	1008	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

COEFFICIENTS OF UTILIZATION									
% EFFECTIVE CEILING CAVITY REFLECTANCE									
% WALL REFLECTANCE									
ROOM CAVITY RATIO									
	80			70			50		
	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

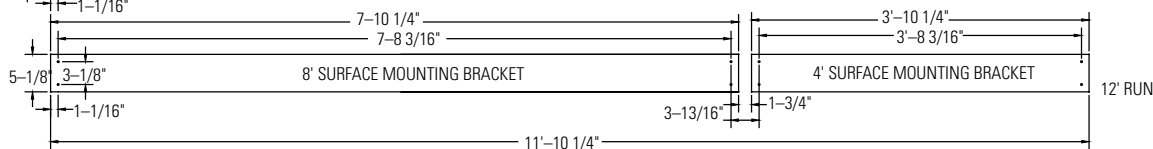
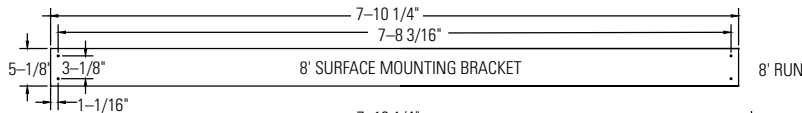
Report No: ITL53177
 Catalog No.: SQ624DSS1
 Lamps: 2-F32T8
 Lumens: 2950
 Efficiency: 58.0%

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

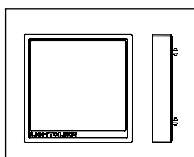
Fixture Lengths & Mounting Locations



RUN LENGTH	4' MODULE	8' MODULE	END SET
4' RUN	1		1
8' RUN		1	1
12' RUN	1	1	1
16' RUN		2	1



Mounting Accessories



End Set Wall:
SQ6E

Job Information Type:

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