

Ordering Information

Family	Lamps	Length	Type	Mounting	Shielding	Voltage	Options
SQ6	2		D	G			
	2 = 2-Light	4 = 4-Foot	D = Direct	G = Grid	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. 18 gauge pre-painted die formed bulk heads with bolt connection. 20 gauge pre-painted die formed end caps with screws for attaching.
- 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:** 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

Grid Mounting: Precision die-formed pre-painted white steel brackets.

Finish

Pre-painted white finish.

Ordering Instructions

Individual Fixtures:

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

Continuous Runs:

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

Labels

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

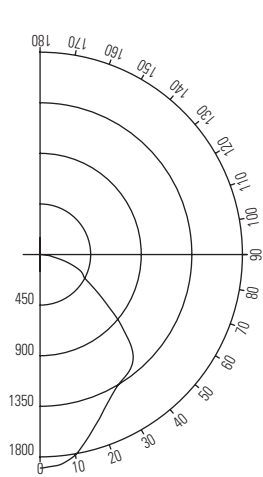
Job Information Type:

Job Name:

Cat. No.:

Notes:

Performance & Quick Calculators



Report No.: ITL53175
Catalog No.: SQ624DGS1
Lamps: 2-F32T8
Lumens: 2950
Efficiency: 58.5%

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	6	12	0
85	30	37	39	45	50
75	127	133	135	170	214
65	243	251	266	324	400
55	383	397	483	594	638
45	610	655	750	975	1088
35	950	980	993	1144	1263
25	1280	1313	1288	1338	1375
15	1572	1603	1594	1606	1599
5	1785	1795	1800	1799	1798
0	1816	1816	1816	1816	1816

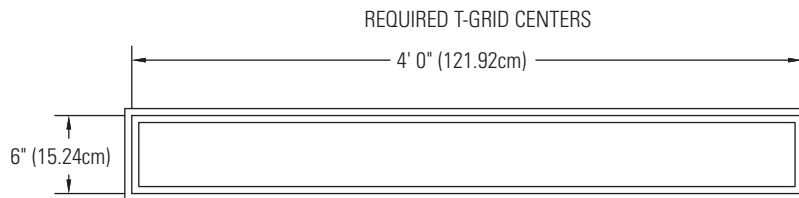
COEFFICIENTS OF UTILIZATION

ROOM CAVITY RATIO	% EFFECTIVE CEILING CAVITY REFLECTANCE								
	80			70			50		
	% WALL REFLECTANCE								
	50	30	10	50	30	10	50	30	10
0	70	70	70	68	68	68	65	65	65
1	62	60	58	61	59	57	58	57	55
2	55	51	48	54	51	48	52	49	47
3	49	45	41	48	44	41	46	43	40
4	44	39	36	43	39	36	42	38	35
5	40	35	31	39	35	31	38	34	31
6	36	31	28	36	31	28	35	31	28
7	33	28	25	33	28	25	32	28	25
8	30	26	23	30	26	22	29	25	22
9	28	24	21	28	23	20	27	23	20
10	26	22	19	26	22	19	25	21	19

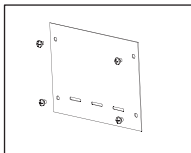
ZONAL LUMEN SUMMARY

ZONE	LUMENS	% BARELAMP	% LUMINAIRE
0-90	3450	58.5	100.0
90-180	0	0.0	0.0
0-180	3450	58.5	100.0

Fixture Lengths & Mounting Locations



Mounting Accessories



End Set Grid:
SQ6EG

Job Information Type:



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SQ6-15 03/13

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