

Ordering Information

Family	Lamps	Length	Type	Mounting	Shielding	Voltage	Options
SQ6	2		B				
	2 = 2-Light	4 = 4-Foot 8 = 8-Foot	B = Bi-directional	P = Suspended W = Wall	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.

*For wall mounting locations see specification sheet SQ6-8.

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. Upper lamp mounted diagonally. 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.

Mounting

Cable Mounting: (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.

Stem Mounting: (not shown) 4-1/2" (11.43cm) diameter canopy finished white enamel, 1/2" (1.27cm) diameter stem. Standard length is 24" (61.30cm) from the ceiling to the top of the lighting fixture. can be cut to length on the job. Self-aligning swivel provides adjustability up to 42° of slopes.

Wall Mounting: Precision die-formed steel bracket system that hooks and locks onto the wall, 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, 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 Power Feed End Set (Cable or Stem) per Module.

Continuous Runs:

- Determine run length.
- Order the appropriate number of Modules for the complete run.
- Order one Power Feed End Set (Cable or Stem) per run.
- Order one Cable or Stem Assembly per Modules minus one per run.
- For runs that exceed amperage limits, order the appropriate number of Cable/ Cord Assemblies (not required for stem).

Labels

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

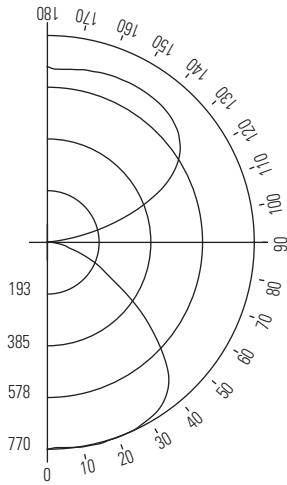
Job Information Type:

Job Name:

Cat. No.:

Notes:

Performance & Quick Calculators



Report No.: ITL53185
Catalog No.: SQ624BPS1
Lamps: 2-F32T8
Lumens: 2950
Efficiency: 71.4%

ZONE DEG.	CANDLEPOWER				
	0	22	45	67	90
180	650	650	650	650	650
175	654	650	646	644	643
165	631	630	642	652	655
155	586	601	630	655	663
145	526	551	605	648	664
135	439	487	568	631	652
125	640	411	519	587	604
115	229	335	439	473	473
105	116	247	260	245	236
95	22	59	38	32	29
90	0	0	0	0	0
85	14	15	14	17	18
75	59	63	65	79	84
65	113	124	132	172	215
55	178	196	246	342	396
45	278	318	415	545	620
35	422	462	545	662	741
25	557	589	647	722	769
15	672	689	723	755	774
5	758	760	764	764	766
0	769	769	769	769	769

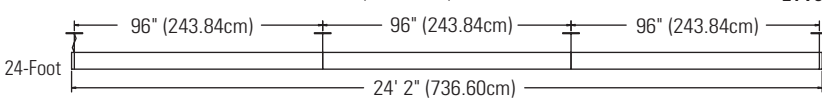
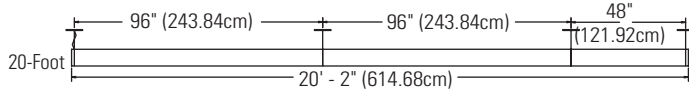
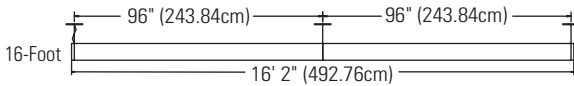
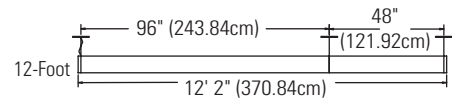
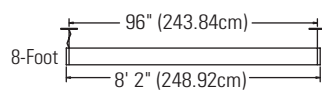
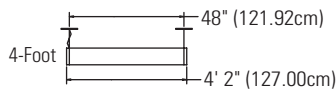
COEFFICIENTS OF UTILIZATION

ROOM CAVITY RATIO	% EFFECTIVE CEILING CAVITY REFLECTANCE								
	80			70			50		
	50	30	10	50	30	10	50	30	10
0	75	75	75	68	68	68	56	56	56
1	66	63	61	60	58	56	50	48	47
2	58	54	50	53	49	46	44	41	39
3	51	46	42	47	42	39	39	34	33
4	45	40	36	42	37	33	35	21	28
5	40	35	31	37	32	29	31	27	25
6	36	31	27	33	29	25	28	24	22
7	33	27	23	30	25	22	25	22	19
8	30	24	21	27	23	19	23	20	17
9	27	22	18	25	21	17	21	18	15
10	25	20	17	23	19	16	20	16	14

ZONAL LUMEN SUMMARY

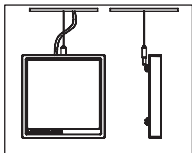
ZONE	LUMENS	% BARELAMP	% LUMINAIRE
0-90	1739	29.5	41.3
90-180	2471	41.9	58.7
0-180	4210	71.4	100.0

Fixture Lengths & Mounting Locations

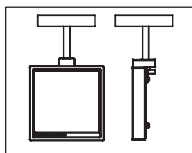


	4-Foot Module	8-Foot Module	Cable/Joiner	End Set
4-Foot Run	1			1
8-Foot Run		1		1
12-Foot Run	1	1	1	1
16-Foot Run		2	1	1
20-Foot Run	1	2	2	1
24-Foot Run		3	2	1

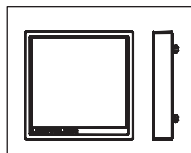
Mounting Accessories



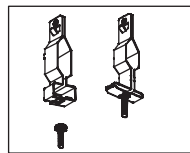
Power Feed End Set:
 3 Wire Cord: SQ6EC36
 4 Wire Cord*: SQ6EC36X4
 5 Wire Cord*: SQ6EC36X5



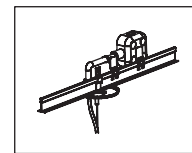
End Set Stem:
 SQ6ES24



End Set Wall:
 SQ6E



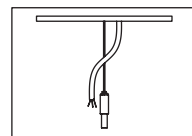
Ceiling Grid Kit:
 CGK
 Includes both standard 1" Tee and Slot Tee Clip.
 Order one for every non-powered suspension point.



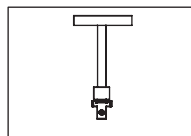
Ceiling Grid Kit Power:
 CGKP
 Includes the hardware necessary to install a power feed above a suspended ceiling. J-box and Flex not included. Order one for every powered suspension point.



Intermediate Cable Suspension:
 SQ6C36



Cable Cord Assembly:
 3 Wire Cord: SQ6CC36
 4 Wire Cord*: SQ6CC36X4
 5 Wire Cord*: SQ6CC36X5



Intermediate Suspension Stem:
 SQ6S24

*Use for dimming or emergency battery packs.

Job Information Type:



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Specifications are subject to change without notice.

SQ6-2 03/13

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