

## Ordering Information

Family	Lamps	Length	Type	Mounting	Shielding	Voltage	Options
<b>SQ6</b>	<b>2</b>		<b>D</b>				
	2 = 2-Light	4 = 4-Foot 8 = 8-Foot	D = Direct	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. 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.

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## 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).

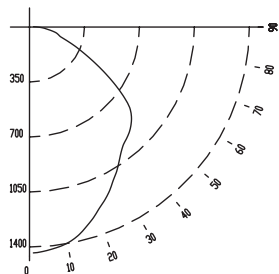
## Labels

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

## Job Information Type:

Job Name:  
Cat. No.:  
Notes:

## Performance & Quick Calculators



**Report No.:** ITL53177  
**Catalog No.:** SQ624DPS1  
**Lamps:** 2-F32T8  
**Lumens:** 2950  
**Efficiency:** 58.0%

### CANDLEPOWER

ZONE DEG.	0	22	45	67	90
95	0	0	0	0	0
90	0	4	6	11	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

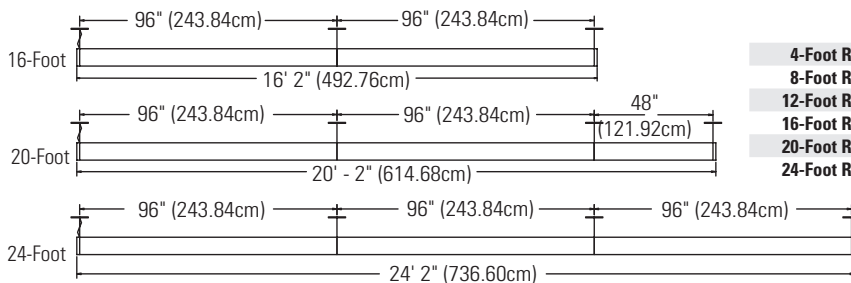
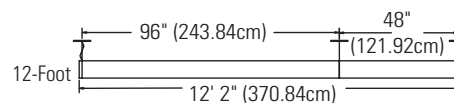
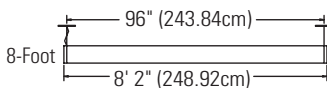
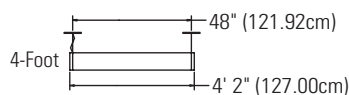
### COEFFICIENTS OF UTILIZATION

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	31	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

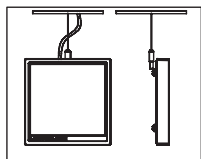
ZONE	LUMENS	% BARELAMP	% LUMINAIRE
0-90	3424	58.0	100.0
90-180	0	0.0	0.0
0-180	3424	58.0	100.0

## Fixture Lengths & Mounting Locations

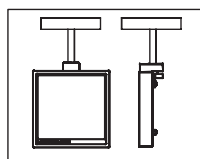


	4-Foot Module	8-Foot Module	Cable/Joiner	End Set
4-Foot Run	1			1
8-Foot Run		1		1
12-Foot Run	1	1	1	1
16-Foot Run		2	1	1
20-Foot Run	1	2	2	1
24-Foot Run		3	2	1

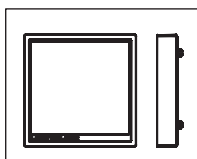
## Mounting Accessories



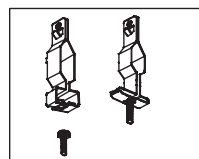
**Power Feed End Set:**  
 3 Wire Cord: SQ6EC36  
 4 Wire Cord\*: SQ6EC36X4  
 5 Wire Cord\*: SQ6EC36X5



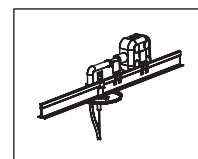
**End Set Stem:**  
 SQ6ES24



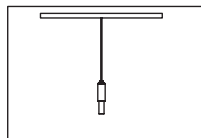
**End Set Wall:**  
 SQ6E



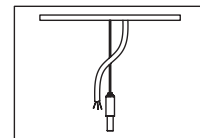
**Ceiling Grid Kit:**  
 CGK  
 Includes both standard 1" Tee and Slot Tee Clip.  
 Order one for every non-powered suspension point.



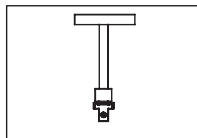
**Ceiling Grid Kit Power:**  
 CGKP  
 Includes the hardware necessary to install a power feed above a suspended ceiling. J-box and Flex not included. Order one for every powered suspension point.



**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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