

Ordering Information

Family	Lamps	Length	Type	Mounting	Shielding	Voltage	Options
SQ6	5		B				
	5 = 5-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:** Five 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:

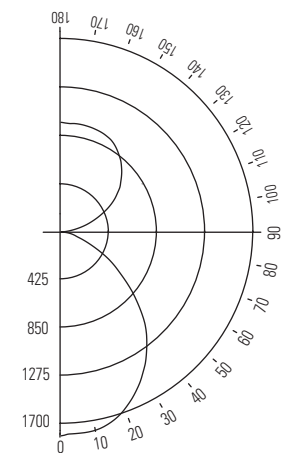
Cat. No.:

Notes:

PHILIPS

LEDALITE

Performance & Quick Calculators



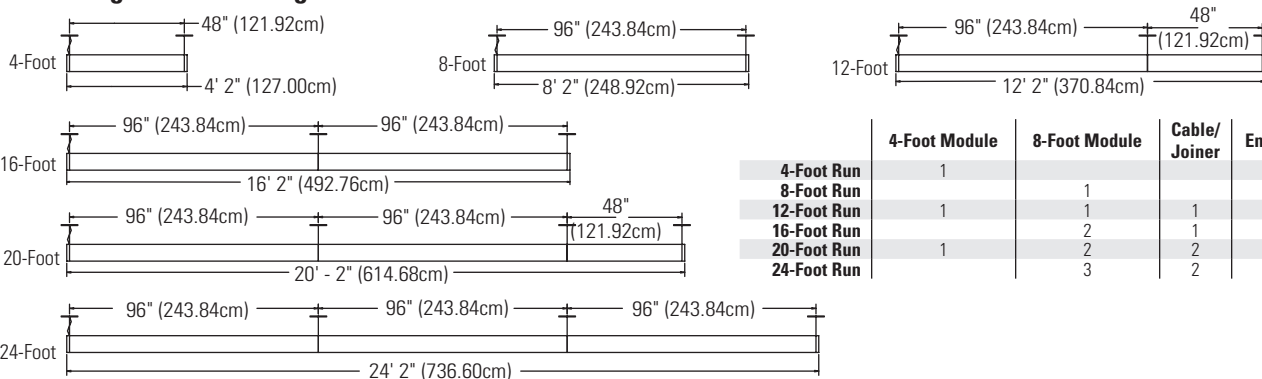
Report No.: ITL53181
Catalog No.: SQ654BPS1
Lamps: 5-F32T8
Lumens: 2950
Efficiency: 68.2%

ZONE DEG.	CANDLEPOWER				
	0	22	45	67	90
180	1392	1392	1392	1392	1392
175	1393	1397	1387	1380	1382
165	1345	1357	1374	1387	1392
155	1259	1287	1330	1369	1380
145	1123	1177	1254	1311	1318
135	951	1033	1126	1177	1181
125	737	862	942	989	894
115	498	651	708	727	713
105	260	405	395	390	371
95	38	96	67	68	56
90	0	6	11	15	0
85	41	51	57	68	66
75	195	205	210	247	231
65	367	391	413	539	610
55	576	622	731	949	1097
45	899	1026	1182	1450	1637
35	1383	1491	1634	1872	2032
25	1836	1926	2062	2231	2328
15	2248	2294	2392	2481	2524
5	2549	2560	256	2567	2567
0	2588	2588	2588	2588	2588

ROOM CAVITY RATIO	COEFFICIENTS OF UTILIZATION								
	% EFFECTIVE CEILING CAVITY REFLECTANCE								
	80			70			50		
	% WALL REFLECTANCE								
	50			30			10		
0	74	74	74	68	68	68	58	58	58
1	65	62	60	60	58	56	52	50	40
2	57	53	50	53	50	47	46	43	41
3	51	46	42	47	43	40	41	37	35
4	45	40	36	42	37	34	36	33	30
5	40	35	31	38	33	26	33	29	26
6	36	31	27	34	29	26	30	26	23
7	33	28	24	31	26	23	27	23	20
8	30	25	21	28	24	20	25	21	18
9	27	22	19	26	21	18	23	19	16
10	25	20	17	24	19	16	21	17	15

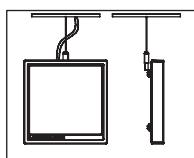
ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% BARELAMP	% LUMINAIRE
0-90	5328	36.1	53.0
90-180	4726	32.1	47.0
0-180	1054	68.2	100.0

Fixture Lengths & Mounting Locations

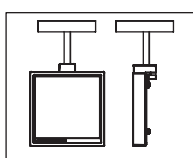


	4-Foot Module	8-Foot Module	Cable/Joiner	End Set
4-Foot Run	1			1
8-Foot Run		1		1
12-Foot Run	1	1	1	1
16-Foot Run		2	1	1
20-Foot Run	1	2	2	1
24-Foot Run		3	2	1

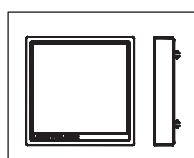
Mounting Accessories



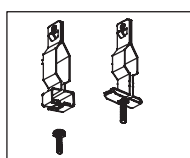
Power Feed End Set:
 3 Wire Cord: SQ6EC36
 4 Wire Cord*: SQ6EC36X4
 5 Wire Cord*: SQ6EC36X5



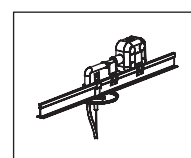
End Set Stem:
 SQ6ES24



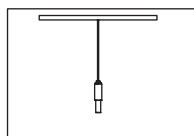
End Set Wall:
 SQ6E



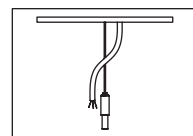
Ceiling Grid Kit:
 CGK
 Includes both standard 1" Tee and Slot Tee Clip.
 Order one for every non-powered suspension point.



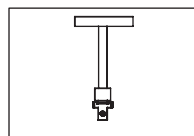
Ceiling Grid Kit Power:
 CGKP
 Includes the hardware necessary to install a power feed above a suspended ceiling. J-box and Flex not included. Order one for every powered suspension point.



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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SQ6-5 03/13

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