

Ordering Information

Family	Lamps	Length	Type	Mounting	Shielding	Voltage	Options
SQ6	2 2 = 2-Light	4 = 4-Foot 8 = 8-Foot	I = Indirect	P = Suspended W = Wall	N = None	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.

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.

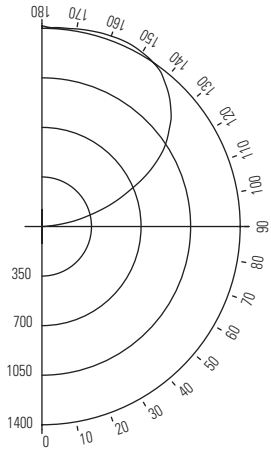
Job Information Type:

Job Name:

Cat. No.:

Notes:

Performance & Quick Calculators



ZONE DEG.	CANDLEPOWER				
	0	22	45	67	90
180	1416	1416	1416	1416	1416
175	1419	1421	1417	1409	1410
165	1375	1387	1403	1416	1426
155	1286	1317	1370	1413	1432
145	1151	1209	1303	1371	1395
135	977	1073	1198	1260	1276
125	763	903	1017	1071	1080
115	526	703	775	789	774
105	269	444	429	421	405
95	51	112	88	82	67
90	0	0	0	0	0
85	0	0	0	0	0
75	0	0	0	0	0
65	0	0	0	0	0
55	0	0	0	0	0
45	0	0	0	0	0
35	0	0	0	0	0
25	0	0	0	0	0
15	0	0	0	0	0
5	0	0	0	0	0
0	0	0	0	0	0

Report No.: ITL53182
Catalog No.: SQ624IPN1
Lamps: 2-F32T8
Lumens: 2950
Efficiency: 84.7%

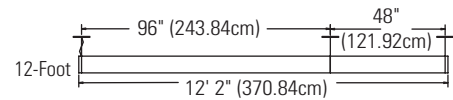
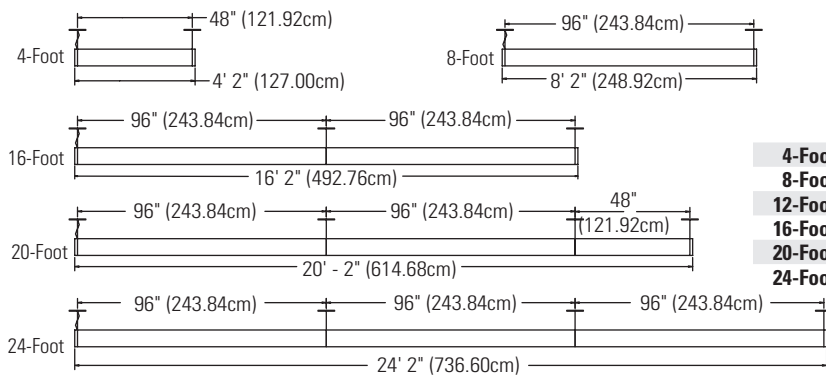
COEFFICIENTS OF UTILIZATION

ROOM CAVITY RATIO	% EFFECTIVE CEILING CAVITY REFLECTANCE								
	80			70			50		
	% WALL REFLECTANCE								
	50	30	10	50	30	10	50	30	10
0	81	81	81	69	69	69	47	47	47
1	70	67	64	60	57	55	41	40	38
2	61	56	52	52	49	45	36	34	32
3	54	48	43	46	41	38	32	29	26
4	47	41	36	40	35	32	28	25	22
5	42	35	31	36	31	27	25	21	19
6	37	31	26	32	27	23	22	19	16
7	33	27	23	29	23	20	20	16	14
8	30	24	20	26	21	17	18	14	12
9	27	21	17	23	18	15	16	13	11
10	24	19	15	21	16	13	15	11	9

ZONAL LUMEN SUMMARY

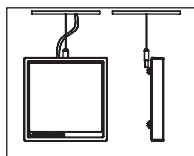
ZONE	LUMENS	% BARELAMP	% LUMINAIRE
0-90	0	0.0	0.0
90-180	4998	84.7	100.0
0-180	4998	84.7	100.0

Fixture Lengths & Mounting Locations

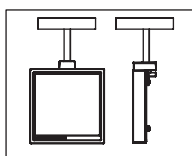


	4-Foot Module	8-Foot Module	Cable/Joiner	End Set
4-Foot Run	1			1
8-Foot Run		1		1
12-Foot Run	1	1	1	1
16-Foot Run		2	1	1
20-Foot Run	1	2	2	1
24-Foot Run		3	2	1

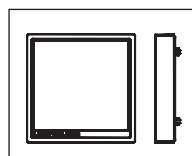
Mounting Accessories



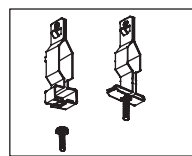
Power Feed End Set:
 3 Wire Cord: SQ6EC36
 4 Wire Cord*: SQ6EC36X4
 5 Wire Cord*: SQ6EC36X5



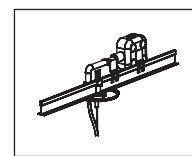
End Set Stem:
 SQ6ES24



End Set Wall:
 SQ6E



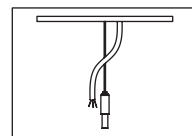
Ceiling Grid Kit:
 CGK
 Includes both standard 1" Tee and Slot Tee Clip.
 Order one for every non-powered suspension point.



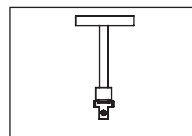
Ceiling Grid Kit Power:
 CGKP
 Includes the hardware necessary to install a power feed above a suspended ceiling. J-box and Flex not included. Order one for every powered suspension point.



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.

SQ6-1 03/13

Philips Lighting Company
 200 Franklin Square Drive
 Somerset, NJ 08873
 Phone: 855-486-2216

www.philips.com/luminaires

Philips Lighting Company
 281 Hillmount Road
 Markham ON, Canada L6C 2S3
 Phone: 905-201-4100

www.philips.com/luminaires