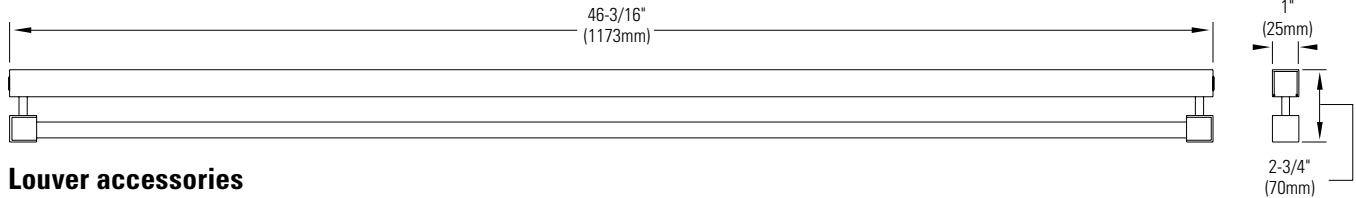
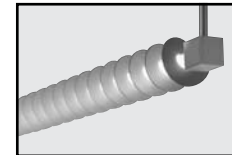
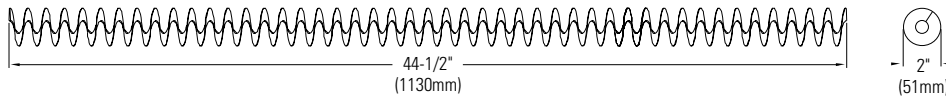


Dimensions



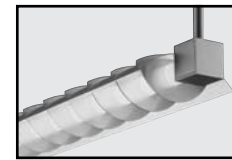
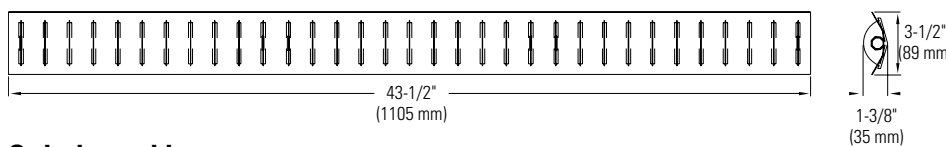
Louver accessories

Spiral Louver



SPR: Add to unit. The Spiral louver produces refined, effective lengthwise shielding to minimize add to direct view of the light source.

Orbit Louver (1 part)



ORB: Add to unit. The Orbit louver displays perfect balance as it rotates into any number of positions from upright to downlight to wall washing. (Position shown below).

Ordering guide (complete luminaire consist of unit & power feed)

Cat. No.	Lamp	Volts	Description	Finish
<input type="checkbox"/> SL110A28IA1	1 -28W T 5	120V	4 ft Bare Lamp Flush unit	Brushed and Anodized Aluminum
<input type="checkbox"/> SL110A28IA2		277V		

Accessories/Options

Cat. No.	Description	Finish
<input type="checkbox"/> SL002ALG	Spiral Louver	Textured light grey (paint)
<input type="checkbox"/> SL002C	Orbit Louver	Semi-diffused aluminum anodized

Features

Stand-Off Unit: 2-3/4" overall height, meets ADA requirements.

Channel: 1" x 1" brushed and anodized extruded aluminum ballast channel. Provided with KO's and threaded holes to accept all mounting accessories.

Cover: Brushed and anodized aluminum ballast cover. Press-fit installation. No visible hardware.

Multi-fonction bloc (2): Retains lampholder to the ballast channel. Also functions as a wireway for continuous rows and patterns. Brushed and anodized aluminum finish.

Lampholder Stem: Small 5/16" diameter aluminum wireway stem for lampholder, suitable distance to permit the installation of the shielding options. Hold in place by ball plungers to ease relamping.

Lampholder Housing (2): 1" square brushed and anodized aluminum with turret style locking socket.

Mounting

Direct Mount: Square canopies or invisible feed suitable for plaster ceiling, exposed ceiling or T-Bar ceilings mounts. See details on page 2.

Suspended Mount: Single stem or aircraft cable with round canopy suitable for mounting on a standard outlet box for plaster ceiling, exposed installation or T-Bar ceilings mounts. Stem and cable mounts can both be used on the same fixture.

Wall Mount: can be wall mounted vertically or horizontally.

Labels

cULus Certified. Suitable for damp locations.

Electrical

Ballast: Electronic rapid start extra slim profile 1 lamp 28W T5 linear ballast. Not available in universal voltage.

120V: 0.25 amps

277V: 0.11 amps

Lampholder: G5 plug-on base, miniature Bi-pin.

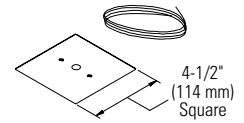
Finish

Natural brushed and anodized aluminum. All suspension parts and Spiral louver painted with powder coat paint process.

Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

Accessories/Options

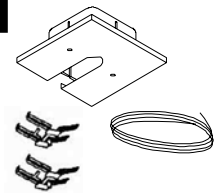
Cat. No.	Finish	Feed Canopy Kit
<input type="checkbox"/> SLO03JLG	Textured Light Grey	Mounts to end or middle of the channel for power feed from 3" (76mm) or 4" (102mm) octagonal outlet box. Kit includes one 0.05" (1.3mm) thick, 4-1/2" (114mm) grounded square steel plate. Comes with 4 wires 18 AWG, 10 Amps max.
<input type="checkbox"/> SLO03JWH	White	



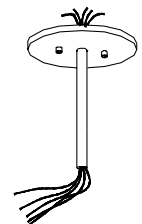
Cat. No.	Finish	Invisible Feed Kit
<input type="checkbox"/> SLO03K	Corrosion Protected	Accepts conduit or cable with 3/8" (10mm) or 1/2" (13mm) electrical connector (by others). Kit includes one 0.06" (1.5mm) thick wall by 1/2" (13mm) dia. seamless steel stem and, one 0.09" (2.3mm) thick by 5/8" (16mm) by 15/16" (24mm) dia. aluminum connector. (20 Amps max.)



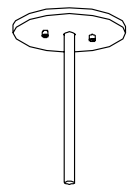
Cat. No.	Finish	Grid Ceiling Feed Kit
<input type="checkbox"/> SLO03LLG	Textured Light Grey	Mounts along runner or at the intersection of runners. Kit Includes one 2-1/8" (54mm) deep by 4" (102mm) grounded octagonal outlet box, one 0.05" (1.3mm) thick universal crossbar, one 4-1/2" (114mm) white plastic square, and two t-bar clips 5/32" (4mm) thick spacer, one 0.04" (1 mm) thick aluminum canopy and two t-bar wrap around clips. Comes with 4 wires 18 AWG, 10 Amps max.
<input type="checkbox"/> SLO03LWH	White	



Cat. No.	Finish	Power Feed Stem Kit
<input type="checkbox"/> SLO03M18LG	18" Textured Light Grey	Mounts to a 3" (76mm) or 4" (102mm) octagonal outlet box Kit includes one 0.024" (0.6mm) thick, 5" (127mm) round steel canopy, and one 0.06" (1.5mm) thick, 1/2" (13mm) dia. seamless steel stem, available in 4 different lengths and two decorative cylinder head screws. Complete installation of Power Feed Stem Kit. Field cuttable, re-thread stem 1/4-18 NPS. Comes with 5 pre-assembled wires. 10 Amps max.
<input type="checkbox"/> SLO03M36LG	36" Textured Light Grey	
<input type="checkbox"/> SLO03M48LG	48" Textured Light Grey	
<input type="checkbox"/> SLO03M72LG	72" Textured Light Grey	
<input type="checkbox"/> SLO03M18WH	18" White	
<input type="checkbox"/> SLO03M36WH	36" White	
<input type="checkbox"/> SLO03M48WH	48" White	
<input type="checkbox"/> SLO03M72WH	72" White	



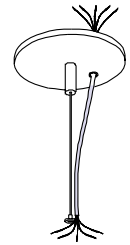
Cat. No.	Finish	Stem Mounting Kit (non-electrical)
<input type="checkbox"/> SLO04M18LG	18" Textured Light Grey	Mounts to a 3" (76mm) or 4" (102mm) octagonal outlet box Kit includes one 0.024" (0.6mm) thick, 5" (127mm) round steel canopy, and one 0.06" (1.5mm) thick, 1/2" (13mm) dia. seamless steel stem, available in 4 different lengths and two decorative cylinder head screws. Complete installation of Power Feed Stem Kit. Field cuttable, re-thread stem 1/4-18 NPS.
<input type="checkbox"/> SLO04M36LG	36" Textured Light Grey	
<input type="checkbox"/> SLO04M48LG	48" Textured Light Grey	
<input type="checkbox"/> SLO04M72LG	72" Textured Light Grey	
<input type="checkbox"/> SLO04M18WH	18" White	
<input type="checkbox"/> SLO04M36WH	36" White	
<input type="checkbox"/> SLO04M48WH	48" White	
<input type="checkbox"/> SLO04M72WH	72" White	



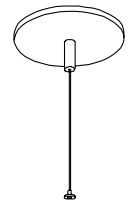
Job Information	Type:
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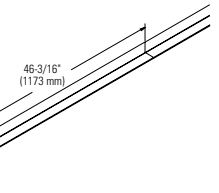
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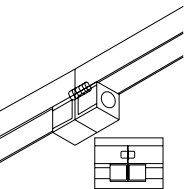
Cat. No.	Finish	Power Feed Cable Kit
<input type="checkbox"/> SL003NLG	Textured Light Grey	Mounts to a 3" (76mm) or 4" (102mm) octagonal outlet box. Kit includes one 0.024" (0.6mm) thick, 5" (127mm) round steel canopy, one 0.05" (1.3mm) thick grounded crossbar threaded stud, one 0.046" (1.2mm), 96" (2438mm) long aircraft galvanized cable with zinc plated hanger adjusting glider hardware, two white plastic cable stay and one 18 AWG (AWM), 10 feet (3048mm) long white cord, 10 Amps max.
<input type="checkbox"/> SL003NWH	White	



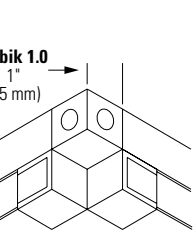
Cat. No.	Finish	Cable Mounting Kit (non-electrical)
<input type="checkbox"/> SL004NLG	Textured Light Grey	Mounts to a 3" (76mm) or 4" (102mm) octagonal outlet box. Kit includes one 0.024" (0.6mm) thick, 5" (127mm) round steel canopy, one 0.05" (1.3mm) thick grounded crossbar, threaded stud, one 0.046" (1.2mm), 96" (2438mm) long galvanized aircraft galvanized cable with zinc plated hanger and adjusting glider hardware. Can be used with either Cable or Stem Power Feed Kit.
<input type="checkbox"/> SL004NWH	White	



Cat. No.	Finish	Extension Blank (4')
<input type="checkbox"/> SL003F4	Brushed Aluminum	Permits power feed between two 1" x 1" (25mm x 25mm) brushed and anodized units in a straight run with supplied extra wires 18 AWG, 10 Amps max, and wire connectors to energize them. Includes one 46-3/16" (1173mm) long extruded aluminum channel and cover, two solid aluminum multi-function blocks as a wireway, plug inserts and wire connectors.



Cat. No.	Finish	Invisible Coupler
<input type="checkbox"/> SL003G	Zinc plated	Invisible coupler for joining two Kubik 1.0 units together mechanically or/and electrically. Recommended for direct surface mounting. Comes with 4 wires 18 AWG, 10 Amps max.



Cat. No.	Finish	5 Face Connector
<input type="checkbox"/> SL003H	Brushed Aluminum	Kubik 1.0 units coupled with exclusive solid brushed and anodized aluminum 5-face connectors and power feed can satisfy virtually any layout requirement. The connector permits you to create square, rectangular, continuous rows, L, T, X configurations. Includes four threaded couples, plug insert (3), four wires 18 AWG and wire connectors, 10 Amps max.

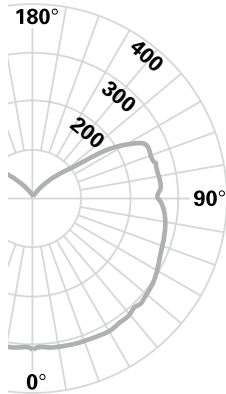
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Performance

CANDLEPOWER CURVE



REPORT NO: C9882
CAT. NO: SL110B281A/SL002ALG
1 x 28W T5 at 2610 Lumens
Efficiency: 57.7 %
Candela at Nadir: 312cd

ZONE DEG	CANDLEPOWER				
	ALONG	22.5	45	67.5	ACROSS
0	312	312	312	312	312
5	316	313	311	309	304
15	284	279	290	303	311
25	235	236	264	295	312
35	179	191	232	281	309
45	120	141	203	265	308
55	61	93	172	248	299
65	33	52	145	232	287
75	22	34	120	218	278
85	13	27	102	203	265
90	0	21	90	189	253
95	0	20	97	198	260
105	0	17	97	196	258
115	0	11	75	187	252
125	0	9	19	82	134
135	0	0	0	5	27
145	0	0	0	0	0
155	0	0	0	0	0
165	0	0	0	0	0
175	0	0	0	0	0
180	0	0	0	0	0

COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD * EFFECTIVE FLOOR CAVITY REFLECTANCE = .20
80 70 50

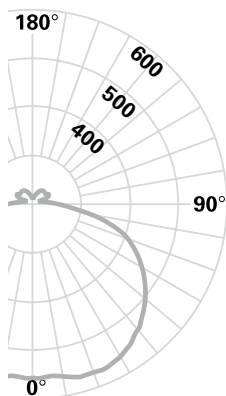
Room Cavity Ratio	Wall Reflectance											
	80				70				50			
	70	50	30	10	70	50	30	10	50	30	10	
0	.65	.65	.65	.65	.62	.62	.62	.62	.56	.56	.56	
1	.58	.55	.52	.49	.55	.52	.49	.47	.47	.44	.42	
2	.52	.47	.42	.39	.49	.44	.40	.37	.40	.37	.34	
3	.47	.41	.36	.32	.45	.39	.34	.31	.35	.31	.28	
4	.43	.36	.31	.27	.41	.34	.30	.26	.31	.27	.24	
5	.39	.32	.26	.22	.37	.30	.25	.22	.27	.23	.20	
6	.36	.28	.23	.19	.34	.27	.22	.19	.24	.20	.17	
7	.33	.25	.20	.17	.32	.24	.20	.16	.22	.18	.15	
8	.31	.23	.18	.14	.29	.22	.17	.14	.20	.16	.13	
9	.28	.21	.16	.12	.27	.20	.15	.12	.18	.14	.11	
10	.26	.19	.14	.11	.25	.18	.14	.11	.16	.13	.10	

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
LUMINAIRE INPUT WATTS = 33.2

DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	235	9.05	15.68
0-40	383	14.75	25.55
0-60	697	26.81	46.50
0-90	1110	42.69	74.05
40-90	726	27.94	48.43
60-90	412	15.88	27.48
90-180	389	14.96	25.95
0-180	1499	57.65	100.00

CANDLEPOWER CURVE



REPORT NO: C9930
CAT. NO: SL110B281A/SL002C
1 x 28W T5 at 2610 Lumens
Efficiency: 69.4 %
Candela at Nadir: 537cd

ZONE DEG	CANDLEPOWER				
	ALONG	22.5	45	67.5	ACROSS
0	537	537	537	537	537
5	536	533	538	544	535
15	496	502	528	552	556
25	436	453	496	541	554
35	362	387	446	502	526
45	274	310	380	447	480
55	194	233	307	375	418
65	116	163	242	301	344
75	50	94	162	194	218
85	8	32	50	49	57
90	0	11	17	11	14
95	0	4	11	13	21
105	0	8	19	19	40
115	0	12	19	28	50
125	0	15	21	33	47
135	0	7	22	35	41
145	0	5	20	30	38
155	0	0	12	25	28
165	0	1	3	8	9
175	3	1	2	1	0
180	2	2	2	2	2

COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD * EFFECTIVE FLOOR CAVITY REFLECTANCE = .20
80 70 50

Room Cavity Ratio	Wall Reflectance											
	80				70				50			
	70	50	30	10	70	50	30	10	50	30	10	
0	.82	.82	.82	.82	.79	.79	.79	.79	.75	.75	.75	
1	.74	.71	.68	.66	.72	.69	.67	.64	.65	.63	.61	
2	.68	.62	.57	.53	.66	.60	.56	.52	.57	.54	.51	
3	.62	.55	.49	.45	.60	.53	.48	.44	.51	.46	.43	
4	.57	.48	.42	.38	.55	.47	.42	.37	.45	.40	.36	
5	.52	.43	.36	.32	.50	.41	.36	.31	.40	.34	.31	
6	.47	.38	.32	.27	.46	.37	.31	.27	.35	.30	.26	
7	.44	.34	.28	.24	.42	.33	.28	.23	.32	.27	.23	
8	.40	.30	.25	.20	.39	.30	.24	.20	.29	.23	.20	
9	.37	.28	.22	.18	.36	.27	.21	.17	.26	.21	.17	
10	.34	.25	.19	.16	.33	.24	.19	.15	.23	.18	.15	

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
LUMINAIRE INPUT WATTS = 26.5

DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	428	16.41	23.66
0-40	705	27.04	38.98
0-60	1271	48.72	70.24
0-90	1703	65.25	94.07
40-90	997	38.21	55.09
60-90	431	16.53	23.83
90-180	107	4.11	5.93
0-180	1810	69.36	100.00

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Pattern

