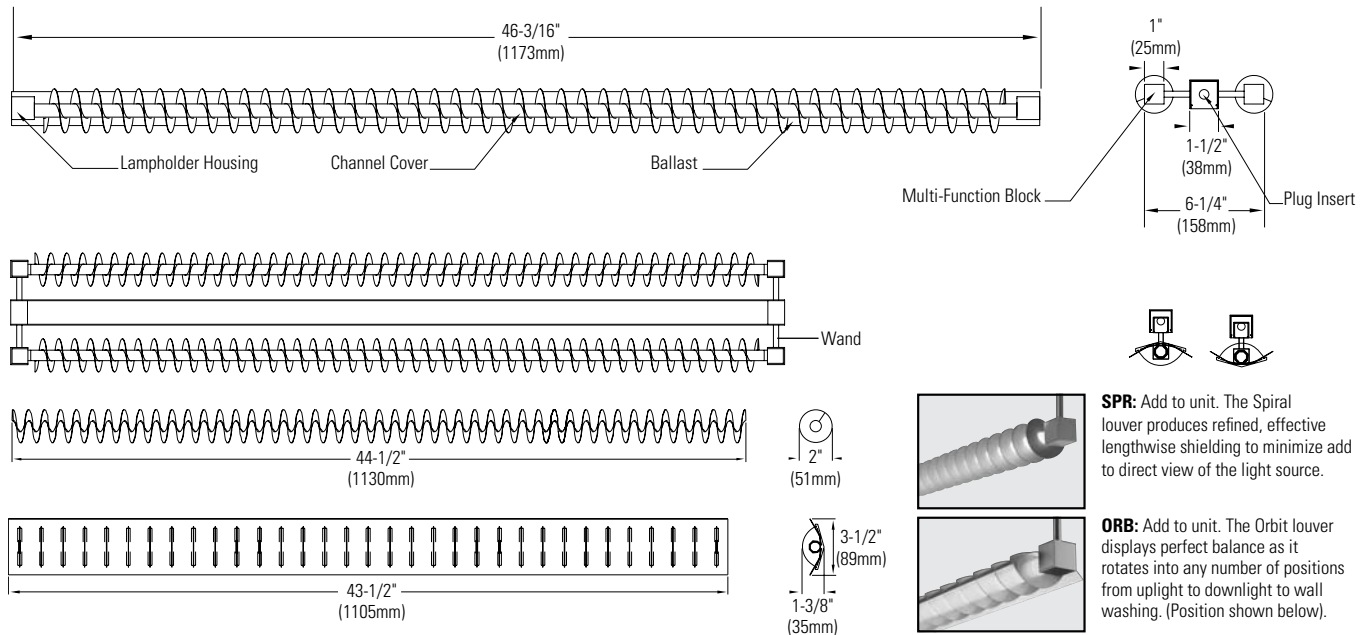


## Dimensions



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

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

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

Unit/Louver Cat. No.	Shielding	Lamp (linear)	Volts	Ballast Type	Finish
<input type="checkbox"/> SL111B228PIU	SPR ORB	2-28W T5	120/277V	Programmed Rapid Start	Units: Brushed and Anodized Aluminum Spiral Louver: Textured Light Grey (paint) Orbit Louver: Semi-diffused Anodized Aluminum
<input type="checkbox"/> SL111B228PIH			347V		
<input type="checkbox"/> SL111B254PIU		120/277V			
<input type="checkbox"/> SL111B254PIH		347V			
<input type="checkbox"/> SL111B254MZ1		2-54W T5 HO	120V	Dimming Mark 10	
<input type="checkbox"/> SL111B254MZ2			277V		
<input type="checkbox"/> SL111B254PCU				120/277V	

## Features

**Ballast Channel:** 0.05" (1.3mm) min. thick, 1-1/2" x 1-1/2" (38mm x 38mm) brushed and anodized extruded aluminum ballast channel. Provided with knock-outs and threaded holes to accept all mounting accessories.

**Channel Cover:** 0.04" (1mm) thick brushed and anodized aluminum ballast cover. Press-fit installation. No visible hardware.

**Multi-Function Block (2):** Solid brushed and anodized aluminum finish. Retains lampholder housing to the ballast channel. Also functions as a wireway for continuous rows and patterns.

**Spiral Louver:** 0.022" (56mm) to 0.089" (2.3mm) thick painted aluminum. Slide over the lamp and attach as a ground to the luminaire to operate the lamp properly.

**Orbit Louver:** 0.015" (0.38mm) thick painted aluminum semi-diffused. Slide over the lamp and attach as a ground to the luminaire to operate the lamp properly.

**Wand:** 0.125" (3.2mm) thick brushed and anodized aluminum tubing.

**Plug Insert (2):** 0.56" (14mm) dia. 0.31" (8mm) min. deep. Solid brushed and anodized aluminum finish. Hide the holes at each end of ballast channel when luminaire is not row mounted.

**Lampholder Housing (2):** 0.08" (2mm) min. thick, 1" (25mm) square brushed and anodized aluminum with turret style locking socket.

## Job Information

## Type:

**Job Name:**

**Cat. No.:**

**Lamp(s):**

**Notes:**

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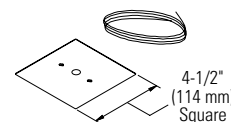
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## Accessories/Options

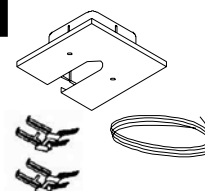
Cat. No.	Finish	Feed Canopy Kit
<input type="checkbox"/> SL003JLG	Textured Light Grey	Mounts to end or middle of the channel for power feed from 3" (76mm) or 4" (102mm) octagonal outlet box. Kit includes one 0.05" (1.3mm) thick, 4-1/2" (114mm) grounded square steel plate. Comes with 4 wires 18 AWG, 10 Amps max.
<input type="checkbox"/> SL003JWH	White	



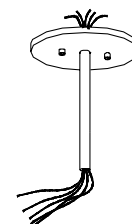
Cat. No.	Finish	Invisible Feed Kit
<input type="checkbox"/> SL003K	Corrosion Protected	Accepts conduit or cable with 3/8" (10mm) or 1/2" (13mm) electrical connector (by others). Kit includes one 0.06" (1.5mm) thick wall by 1/2" (13mm) dia. seamless steel stem and, one 0.09" (2.3mm) thick by 5/8" (16mm) by 15/16" (24mm) dia. aluminum connector. (20 Amps max.)



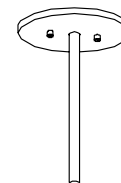
Cat. No.	Finish	Grid Ceiling Feed Kit
<input type="checkbox"/> SL003LLG	Textured Light Grey	Mounts along runner or at the intersection of runners. Kit Includes one 2-1/8" (54mm) deep by 4" (102mm) grounded octagonal outlet box, one 0.05" (1.3mm) thick universal crossbar, one 4-1/2" (114mm) white plastic 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"/> SL003LWH	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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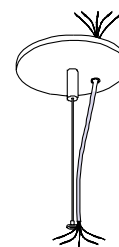
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### Canlyte

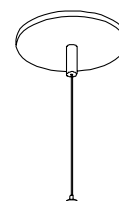
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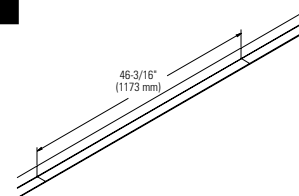
Cat. No.	Finish	Power Feed Cable Kit
<input type="checkbox"/> SL003NLG	Textured Light Grey	Mounts to a 3" (76mm) or 4" (102mm) octagonal outlet box. Kit includes one 0.024" (0.6mm) thick, 5" (127mm) round steel canopy, one 0.05" (1.3mm) thick grounded crossbar threaded stud, one 0.046" (1.2mm), 96" (2438mm) 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	



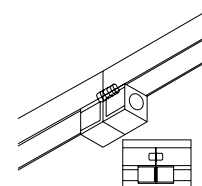
Cat. No.	Finish	Cable Mounting Kit (non-electrical)
<input type="checkbox"/> SL004NLG	Textured Light Grey	Mounts to a 3" (76mm) or 4" (102mm) octagonal outlet box. Kit includes one 0.024" (0.6mm) thick, 5" (127mm) round steel canopy, one 0.05" (1.3mm) thick grounded crossbar, threaded stud, one 0.046" (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	



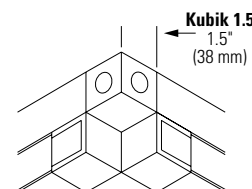
Cat. No.	Finish	Extension Blank (4')
<input type="checkbox"/> SL003P4	Brushed Aluminum	Permits power feed between two 1.5" x 1.5" (38mm x 38mm) brushed and anodized units in a straight run with supplied extra wires 18 AWG, 10 Amps max, and wire connectors to energize them. Includes one 46-3/16" (1173mm) long extruded aluminum channel and cover, two solid aluminum multi-function blocks as a wireway, plug inserts and wire connectors.



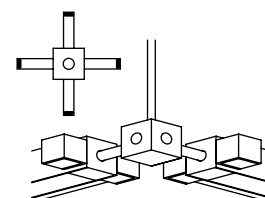
Cat. No.	Finish	Invisible Coupler
<input type="checkbox"/> SL003Q	Zinc plated	Invisible coupler for joining two Kubik 1.5 units together mechanically or/and electrically. Recommended for direct surface mounting. Comes with 4 wires 18 AWG, 10 Amps max.



Cat. No.	Finish	5 Face Connector (1-lamp unit)
<input type="checkbox"/> SL003R	Brushed Aluminum	Kubik 1.5 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.



Cat. No.	Finish	5 Face Connector (2-lamp unit)
<input type="checkbox"/> SL003S	Brushed Aluminum	Kubik 1.5 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.



## Job Information

## Type:

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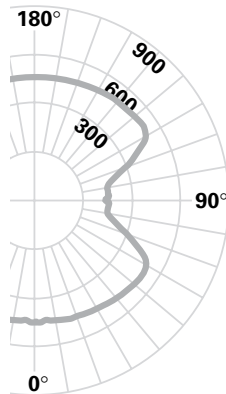
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## Performance

### CANDLEPOWER CURVE



REPORT NO: CB903  
CAT. NO: SL111B228PIUSPR  
2 x 28W T5 at 2600 Lumens  
Efficiency: 61.9 %  
Candela at Nadir: 454cd

### CANDLEPOWER

ZONE DEG	ALONG	22.5	45	67.5	ACROSS
0	454	454	454	454	454
5	452	454	455	454	452
15	414	421	441	454	461
25	347	364	408	450	465
35	269	300	368	441	473
45	177	224	327	433	483
55	79	145	283	420	491
65	24	72	238	379	433
75	10	32	156	257	307
85	0	16	100	213	277
90	0	14	94	203	265
95	0	16	100	213	277
105	10	32	156	257	307
115	24	72	238	379	433
125	79	145	283	420	491
135	177	224	327	433	483
145	269	300	368	441	473
155	347	364	408	450	465
165	414	421	441	454	461
175	452	454	455	454	452
180	454	454	454	454	454

### COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD \* EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

Room Cavity Ratio	80				70				50			
	Wall Reflectance				Wall Reflectance				Wall Reflectance			
	70	50	30	10	70	50	30	10	50	30	10	10
0	.66	.66	.66	.66	.61	.61	.61	.61	.52	.52	.52	
1	.60	.57	.54	.52	.55	.52	.50	.48	.44	.42	.41	
2	.54	.49	.45	.41	.50	.45	.42	.39	.38	.35	.33	
3	.49	.43	.38	.34	.45	.40	.36	.32	.34	.30	.28	
4	.45	.38	.33	.29	.41	.35	.31	.27	.30	.26	.23	
5	.41	.33	.28	.24	.37	.31	.26	.23	.26	.22	.20	
6	.38	.30	.25	.21	.34	.28	.23	.19	.23	.20	.17	
7	.35	.27	.21	.18	.32	.25	.20	.17	.21	.17	.15	
8	.32	.24	.19	.15	.29	.22	.18	.14	.19	.15	.13	
9	.29	.22	.17	.13	.27	.20	.16	.13	.17	.13	.11	
10	.27	.20	.15	.12	.25	.18	.14	.11	.15	.12	.10	

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES  
LUMINAIRE INPUT WATTS = 62.8

### DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	354	6.82	11.01
0-40	585	11.27	18.21
0-60	1092	21.02	33.97
0-90	1608	30.94	50.00
40-90	1023	19.67	31.79
60-90	515	9.92	16.03
90-180	1608	30.94	50.00
0-180	3217	61.88	100.00

## Options and Accessories

**Emergency Lighting:** Electronic Bodine slim profile battery pack. The emergency ballast senses the power failure and immediately switches to emergency mode by illuminating the lamp at a reduced lumen output for a minimum of 90 mins. The battery fully recharges within 24 hours. Add suffix **(EM)** to the catalogue numbers.

**DALI Interface:** Digital Addressable Lighting Interface available upon request for individual luminaires. Ballast 120 volts or 277 volts only. Consult your Lightolier representative.

## Markings

cULus Listed. Suitable for damp locations.

## Mounting

**Direct Mount:** No mounting directly are possible at the ceiling no to the wall.

**Suspended Mount:** Single stem or aircraft cable with round canopy suitable for mounting one standard outlet box for plaster ceiling exposed installation or suspended ceilings mounts. Stem and cable mounts can both be used on the same luminaire.

**Patterns:** Suitable for different patterns in continuous row mounting.

## Electrical

**Ballast:** Electronic slim profile 1 lamp 28W T5 or 54W T5HO linear ballast.

**U:** Universal voltage ballast automatically detects 120V to 277V, 50 or 60Hz operations.

**1:** 120V ballast only.

**2:** 277V ballast only.

**H:** 347V ballast only.

**Lampholder:** G5 plug-in base, miniature Bi-pin.

## Finish

Natural brushed and anodized aluminum. All painted parts are powder coat paint process.

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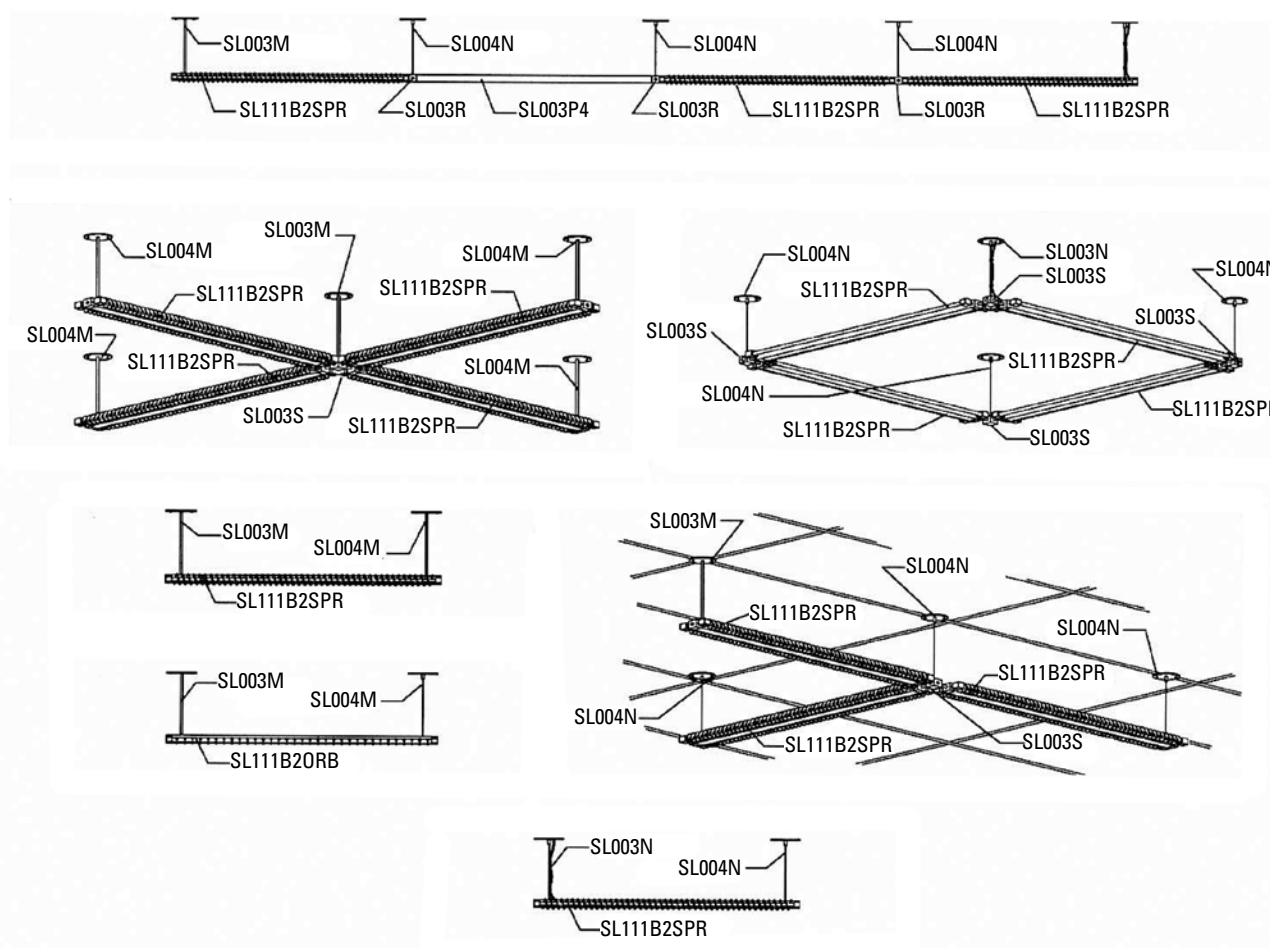
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## Job Information

## Type:

## Patterns



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### Type:

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