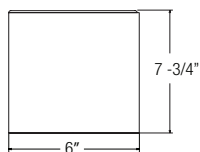


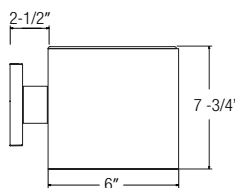
SC6-LED

SURFACE/CEILING/WALL MOUNT CYLINDER LED DOWNLIGHT

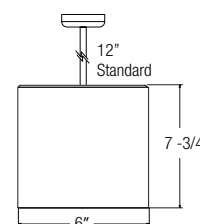
SAME DAY
SHIPPING AVAILABLE



SC6-LED-CM



SC6-LED-WM



SC6-LED-PM

LED

6"

6 INCH ARCHITECTURAL CYLINDER LED DOWNLIGHT

INSTALLATION



- Trim installs easily using industry standard torsion springs,
- Driver and LED Engine can be easily maintained.



CERTIFICATIONS

- c-UL-us
- RoHS
- IECC
- New York state
- California Title 24
- Washington state
- Made in USA

SC6-LED-HOUSING TO BE USED WITH RL600 LED MODULE SERIES

ENGINEERED FOR VERSATILITY AND PERFORMANCE

The Elite Surface Cylinder LED housing has been engineered to work with the RL600 series LED module. It is available for ceiling or wall mount applications to provide a unique architectural feel and Energy saving advantage. The RL600 module produces over 750 to 1200 usable lumens. That's equivalent to 75% energy savings over a standard 65W BR30 or 100W PAR38 lamp. The Light output of the RL600 series modules will be maintained at 70% of initial at 50,000hrs per LM80 test data. Modules can be dimmed with basic Triac or 0-10V dimmers depending on wattage and application. Refer to specific module specification sheets for detailed information.

The Elite Surface Cylinder is ideal for airports, convention centers, or retail centers needing a versatile installation and great performance.

FEATURES

- Rugged aluminum housing with textured polyester powder paint.
- Can be ordered as ceiling mount, pendant mount or wall mount applications.
- Easy Maintenance by removing complete module from housing.
- Quick connect allows faster installation and meets energy codes.
- cULus Listed for damp locations, or wet locations with module.
- Available in White, Black, Bronze & Silver.

DIMMING

- DIMTR (Triac & Electronic Low Voltage Dimming)
- DIM10 (0-10 Dimming)

BAFFLE and REFLECTOR LED RETROFIT MODULE



EXAMPLE: **SC6-LED-DIMTR-CM-WH-RL607-750L-DIMTR-120-30K-90-W-WH**

HOUSING TYPE	DIMMING	MOUNTING	FINISH
SC6-LED	<input type="checkbox"/> DIMTR (Triac Dimming Compatible) <input type="checkbox"/> DIM10- (0-10V Dimming Compatible)	<input type="checkbox"/> CM- Ceiling Mount <input type="checkbox"/> WM- Wall Mount <input type="checkbox"/> PM12"- Pendant Mount	<input type="checkbox"/> PM18"- Pendant Mount <input type="checkbox"/> PM24"- Pendant Mount <input type="checkbox"/> PM36"- Pendant Mount <input type="checkbox"/> PM48"- Pendant Mount <input type="checkbox"/> WH- WHITE <input type="checkbox"/> BK-BLACK <input type="checkbox"/> BZ-BRONZE <input type="checkbox"/> SI-SILVER

Example: **RL630-750L-DIMTR-120-30K-W-WH**

MODULE	750L SERIES	900L SERIES	1200L SERIES	CCT	CRI	FINISH
RL630 (BAFFLE)	<input type="checkbox"/> 750L-DIMTR-120 <input type="checkbox"/> 750L-DIM10-MVOLT <input type="checkbox"/> 750L-277 (non dimmable)	<input type="checkbox"/> 900L-DIMTR-120 <input type="checkbox"/> 900L-DIM10-MVOLT <input type="checkbox"/> 900L-277 (non dimmable)	<input type="checkbox"/> 1200L-DIMTR-120 <input type="checkbox"/> 1200L-DIM10-MVOLT <input type="checkbox"/> 1200L-277 (non dimmable)	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K <input type="checkbox"/> 50K (85+ CRI only)	<input type="checkbox"/> 85+ <input type="checkbox"/> 90+	<input type="checkbox"/> W-WH <input type="checkbox"/> P-WH <input type="checkbox"/> SN-SN <input type="checkbox"/> CP-CP <input type="checkbox"/> BZ-BZ <input type="checkbox"/> P-BK

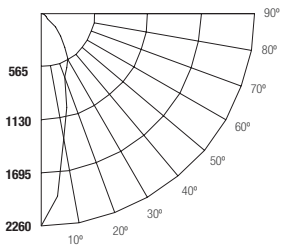
Example: **RL607-750L-DIMTR-120-30K-W-WH**

MODULE	750L SERIES	900L SERIES	1200L SERIES	CCT	CRI	FINISH
RL607 (REFLECTOR)	<input type="checkbox"/> 750L-DIMTR-120 <input type="checkbox"/> 750L-DIM10-MVOLT <input type="checkbox"/> 750L-277 (non dimmable)	<input type="checkbox"/> 900L-DIMTR-120 <input type="checkbox"/> 900L-DIM10-MVOLT <input type="checkbox"/> 900L-277 (non dimmable)	<input type="checkbox"/> 1200L-DIMTR-120 <input type="checkbox"/> 1200L-DIM10-MVOLT <input type="checkbox"/> 1200L-277 (non dimmable)	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K <input type="checkbox"/> 50K (85+ CRI only)	<input type="checkbox"/> 85+ <input type="checkbox"/> 90+	<input type="checkbox"/> CL-WH <input type="checkbox"/> W-WH <input type="checkbox"/> BZ-BZ <input type="checkbox"/> SN-WH <input type="checkbox"/> SN-SN <input type="checkbox"/> RG-PB <input type="checkbox"/> MB-BK <input type="checkbox"/> RG-WH <input type="checkbox"/> MB-WH <input type="checkbox"/> CL-CH <input type="checkbox"/> CP-CP <input type="checkbox"/> RG-PB <input type="checkbox"/> MB-BK

RL607-1200L-DIMTR-120-90-30K-CL-WH

INPUT WATTS: 19 LUMENS: 1193 CRI: 90+ EFFICACY: 62.8 CCT: 3000K TEST NO.: EL-101372 SPACING CRITERIA: 0.54

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	420.37	35.20	34.80
0-30	701.34	58.70	58.00
0-40	972.62	81.50	80.40
0-60	1181.9	99.00	97.70
0-80	1207.54	101.10	99.90
0-90	1209.2	101.30	100.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	15769	17594	14146
55	6465	6577	3945
65	3802	2465	2048
75	1684	952	671
85	2231	1219	44

Lumens Per Zone

Zone	Lumens
0-10	159.82
10-20	260.54
20-30	280.98
30-40	271.27
40-50	157.67
50-60	51.61
60-70	19.86
70-80	5.77
80-90	1.66

Candela Tabulation

0	1	2	3	4	5	6	7	8	9	10
0	2259	5	15	25	35	45	55	65	75	85
1	1951	5	15	25	35	45	55	65	75	85
2	1035	25	635	436	203	67	29	7	3	1
3	635	436	203	67	29	7	3	1		
4	436	203	67	29	7	3	1			
5	203	67	29	7	3	1				
6	67	29	7	3	1					
7	29	7	3	1						
8	7	3	1							
9	3	1								
10	1									

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	80%			70%			50%			30%			10%			0%		
	RC	RW	0%	RC	RW	0%	RC	RW	0%	RC	RW	0%	RC	RW	0%	RC	RW	0%
0	121	121	121	118	118	118	113	113	113	108	108	108	103	103	103	101	101	101
1	114	111	109	112	109	107	104	105	103	101	101	100	98	96	95	93	92	91
2	108	103	98	106	101	97	93	97	94	91	94	92	89	92	89	87	86	86
3	102	95	89	100	93	88	84	91	86	83	88	84	81	86	83	80	78	78
4	96	88	82	94	87	81	76	84	79	75	82	78	75	80	77	74	72	72
5	91	81	75	89	81	74	70	79	73	69	77	72	69	75	71	68	66	66
6	86	76	69	84	75	69	64	74	68	64	72	67	64	71	66	63	62	62
7	81	71	64	80	70	64	60	69	63	59	68	63	59	67	62	59	57	57
8	77	67	60	76	66	60	56	65	59	55	64	59	55	63	58	55	53	53
9	73	63	56	72	62	56	52	61	56	52	60	55	52	59	55	51	50	50
10	70	59	53	69	59	53	49	58	52	49	57	52	48	56	52	48	47	47

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance