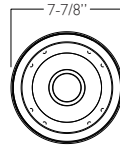
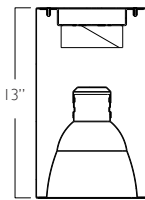


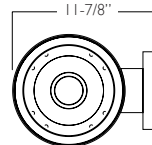
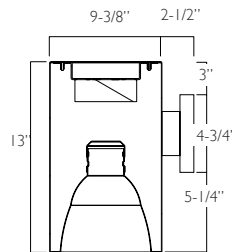
# SCV6-LED 6" ARCHITECTURAL CYLINDER LED DOWNLIGHT



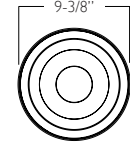
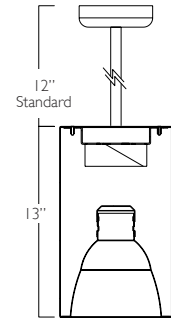
SCV6-LED-CM



SCV6-LED-WM



SCV6-LED-PM



**1500 LUMENS**

INPUT VOLT.	INPUT FREQ.	INPUT CUR.	INPUT POWER	THD	POWER FACTOR	LUMENS
120/277	50/60Hz	283mA/123mA	34W(+/-5%)	<20%	>0.9	1500
120/277	50/60Hz	180mA/76mA	21W(+/-5%)	<20%	>0.9	1100
120/277	50/60Hz	133mA/57mA	16W(+/-5%)	<20%	>0.9	800

**DESCRIPTION** - 6" LED Architectural Cylinder Downlight with integral LED heat management casting and driver. Available in 800 lumens (16W), 1100 lumens (21W) & 1500 lumens (34W). Lighting is smooth and comfortable while using 25% less energy than the common 26W & 32W CFL downlight. Plus the eco-friendly Maxilume LED system features 70% lumen maintenance at 50,000 hours life, with Energy Star and California Title-24 (compliances pending).

**FEATURES** - Greater light output than a 26W & 32W CFL while consuming less than 16W to 34W of power. Maxilume LED luminaires are ideally suited for use in hospitality, health care, commercial, institutions, retail and other architectural applications.



**OPTICS** - MAXILUME LED Optilux technology combines unmatched performance with visual comfort. Spun 0.05" thick reflector has been designed to gather the light scattered by the LED chip and shape it into functional beams that minimize brightness and glare, while eliminating lamp image. Proprietary dual level upper and lower reflector design allows for optimum glare control. Elite engineered superior quality, light engine; producing 800 lumens (16W) , 1100 lumens (21W) & 1500 lumens (34W).

**PERFORMANCE** - Operating system delivers 800 lumens (16W), 1100 lumens (21W) & 1500 lumens (34W) with a 4100K color temperature. All MAXILUME LED luminaires are rated at 85+ CRI. All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

**THERMAL MANAGEMENT SYSTEM** - Using a proprietary coolLED Advanced Thermodynamic Design, Die-cast aluminum housing and heat management system are engineered for extremely long life and service period. Heat sink is attached to top of housing. The LED light engine is attached to the die-cast heat sink and is easily replaceable and upgradable. Life tests have shown the MAXILUME light engine output will be maintained at 70% of initial at 50,000 hours of operation.

**DIMMABLE** - The MAXILUME LED system is fully dimmable down to 10% of initial light output with a 0-10 Volt dimmer when ordered with the following options (DIM10-120, DIM10-277). Fixtures can be shipped with a Lutron Hi-lume A series Driver which can be dimmed with Lutron Dimming Systems when ordered with the following options (120-LUTH, 277-LUTH). Triac & Electronic Low Voltage dimming driver also available when ordered with the following options (DIMTR-120). Consult Factory for details.

**BODY** - Post painted die-formed construction for maximum heat dissipation and rust protection. Matte white finish standard.

**LED DRIVER/JUNCTION BOX** - The LED driver is rated for 50 to 60Hz at 120V /277V input, produces less than 20%THD, and has a power factor between 90% and 100% and is thermally protected for additional safety. MAXILUME's LED driver is installed on the junction box cover so it may be serviced from below the ceiling. UL Listed for through-branch circuit wiring, provided with four 1/2" knockouts, one 3/4" knockout and four Romex knockouts with true pryout slots and strain clamps.

**MOUNTING BRACKET** - Ceiling mount bracket provided for direct installation with 3-1/4" to 4" octagonal and square junction box. Pendant mount option is available and supplied with 10-1/2" stem and 5" diameter canopy cover. Ideal for slope applications up to 45 degrees.

**OUR WORD** - The MAXILUME LED lighting system is warranted for 3 years. As a system, we stand behind the entire MAXILUME products from housing to bar hangers.

**LISTING**

c-UL-us / c-ETL-us - listed for Damp location.  
c-UL-us / c-ETL-us - listed for feed Through Wiring.  
LM79 / LM80

**DIMMING INFORMATION**

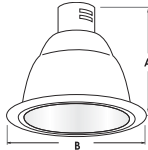
DIM10 (0-10V Dimming)  
LUTH (Lutron® Hi-lume® Dimming)  
DIMTR (Triac & Electronic Low Voltage Dimming)

Example: SCV6-LED-CM-WH-21W-DIM10-120-FL-30K-LED-6101-CL-WH

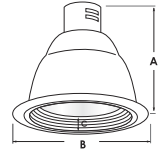
TYPE	MOUNTING	FINISH	800 LUMENS	1100 LUMENS	1500 LUMENS	OPTICS	COLOR	EMERGENCY	TRIM TYPE	REF/ RING	DISC
SCV6-LED	<input type="checkbox"/> CM-Ceiling Mount <input type="checkbox"/> WM-Wall Mount <input type="checkbox"/> PM12-12" Pendant Mount <input type="checkbox"/> PM18-18" Pendant Mount <input type="checkbox"/> PM24-24" Pendant Mount <input type="checkbox"/> PM36-36" Pendant Mount <input type="checkbox"/> PM48-48" Pendant Mount	<input type="checkbox"/> WH-WHITE <input type="checkbox"/> BK-BLACK <input type="checkbox"/> BZ-BRONZE <input type="checkbox"/> SI-SILVER	<input type="checkbox"/> 16W-DIMTR-120 <input type="checkbox"/> 16W-LUTH-120 <input type="checkbox"/> 16W-LUTH-277 <input type="checkbox"/> 16W-DIM10-120 <input type="checkbox"/> 16W-DIM10-277	<input type="checkbox"/> 21W-LUTH-120 <input type="checkbox"/> 21W-LUTH-277 <input type="checkbox"/> 21W-DIM10-120 <input type="checkbox"/> 21W-DIM10-277	<input type="checkbox"/> 34W-LUTH-120 <input type="checkbox"/> 34W-LUTH-277 <input type="checkbox"/> 34W-DIM10-120 <input type="checkbox"/> 34W-DIM10-277	<input type="checkbox"/> FL <input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 41K	<input type="checkbox"/> EMG-LED	<input type="checkbox"/> LED-6101 <input type="checkbox"/> LED-6102 <input type="checkbox"/> LED-6107 <input type="checkbox"/> LED-6109 <input type="checkbox"/> LED-6128	<input type="checkbox"/> LED-6112 <input type="checkbox"/> LED-6113 <input type="checkbox"/> LED-6114 <input type="checkbox"/> LED-6115 <input type="checkbox"/> LED-6125	<input type="checkbox"/> CL-WH <input type="checkbox"/> CL-SCH <input type="checkbox"/> SHZ-SHZ <input type="checkbox"/> SHZ-WH <input type="checkbox"/> W-WH <input type="checkbox"/> MB-WH <input type="checkbox"/> WT-WH	<input type="checkbox"/> BLUE <input type="checkbox"/> RED <input type="checkbox"/> GREEN <input type="checkbox"/> FROST <input type="checkbox"/> AL <input type="checkbox"/> BZ <input type="checkbox"/> WH



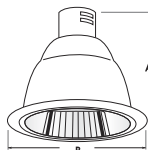
**EXAMPLE:** LED-6101-CL-WH  
**LED-6101** - REFLECTOR  
**REFLECTOR/ RING FINISH:**  
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH



**EXAMPLE:** LED-6102-CL-WH  
**LED-6102** - BAFFLE W/ REFLECTOR  
**BAFFLE/ RING FINISH:**  
 W-CL-WH P-CL-WH

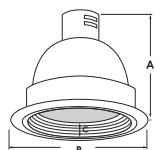


**EXAMPLE:** LED-6107-CL-WH  
**LED-6107** - WALL WASH REFLECTOR  
**REFLECTOR/ RING FINISH:**  
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH



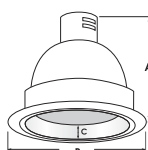
FOR WET LOCATION

**EXAMPLE:** LED-6112-CL-WH  
**LED-6112** - BAFFLE W/ FROSTED GLASS LENS  
**BAFFLE/ RING FINISH:**  
 W-WH P-WH



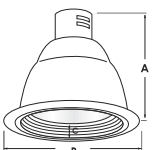
FOR WET LOCATION

**EXAMPLE:** LED-6114-CL-WH  
**LED-6114** - REFLECTOR W/ FROSTED GLASS LENS  
**REFLECTOR/ RING FINISH:**  
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH



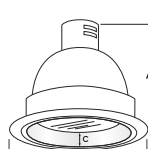
FOR WET LOCATION

**EXAMPLE:** LED-6113-CL-WH  
**LED-6113** - BAFFLE W/ TEMPERED CLEAR GLASS  
**BAFFLE/ RING FINISH:**  
 W-WH P-WH

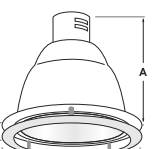


FOR WET LOCATION

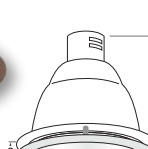
**EXAMPLE:** LED-6115-CL-WH  
**LED-6115** - REFLECTOR W/ TEMPERED CLEAR GLASS  
**REFLECTOR/ RING FINISH:**  
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH



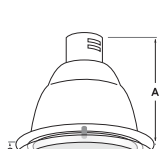
**EXAMPLE:** LED-6109-CL-WH  
**LED-6109** - DECO GLASS REFLECTOR  
**REFLECTOR/ RING FINISH:**  
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH  
**GLASS FINISH:** BLUE, RED, GREEN, FROST



**EXAMPLE:** LED-6128-CL-WH-AL  
**LED-6128** - DECO GLASS REFLECTOR WITH ALUMINIUM DISC  
**REFLECTOR FINISH:**  
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH  
**DISC FINISH:** AL, WH, BZ



**EXAMPLE:** LED-6125-CL-WH  
**LED-6125** - CENTRAL ETCHED FLOAT GLASS  
**REFLECTOR/ RING FINISH:**  
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH

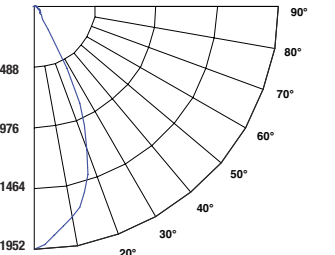


SCV6-LED-21W-MVOLT-DIM-FL-41K-LED-6101-SHZ

TEST NO.: ELT-SCV6-LED-0297

INPUT WATTS: 21 LUMENS: 1121 CRI: 85+ EFFICACY: 52 LPW CCT: 4100K SPACING CRITERIA: 0.8

Candle Power Distribution Curve (Candela)



Cone of Light		
4'	122	4.7'
6'	54.22	7.1'
8'	30.5	9.4'
10'	19.52	11.8'
12'	13.56	14.2'
Distance to Plane	Initial Footcandles at Nadir	Beam Diameter

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	952.68	85	85
0-40°	1019.54	91	91
0-60°	1095.54	97.8	97.8
0-90°	1120.51	100	100

Luminance (Average Candela/M2)

Angle In Degrees	Average	Average	Average
0°	55°	90°	
45°	5543	5543	5543
55°	3283	3283	3283
65°	2190	2190	2190
75°	1386	1386	1386
85°	358	358	358

Lumens Per Zone

Zone	Lumens
0-10	172.5
10-20	425.08
20-30	355.1
30-40	66.52
40-50	55.38
50-60	30.96
60-70	16.83
70-80	7.11
80-90	1.03

Candela Distribution

0	0
0	1952.01
5	1844.6
15	1550.31
25	858.13
35	89.47
55	58.65
55	34.38
65	16.9
75	6.55
85	.57
90	0

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	RW	80%			70%			50%			30%			10%			0%		
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94	
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88	
3	104	98	93	89	102	96	92	88	94	90	87	91	88	86	89	87	84	83	
4	99	92	87	83	97	91	86	82	89	85	81	87	83	81	85	82	80	78	
5	95	87	82	78	93	86	81	77	84	80	77	83	79	76	81	78	75	74	
6	91	82	77	73	89	82	77	73	80	76	72	79	75	72	78	74	71	70	
7	87	78	73	69	86	78	73	69	77	72	69	75	71	68	74	71	68	67	
8	83	75	69	66	82	74	69	65	73	68	65	72	68	65	71	67	65	63	
9	80	71	66	62	79	71	66	62	70	65	62	69	65	62	68	64	62	60	
10	77	68	63	59	76	68	63	59	67	62	59	66	62	59	66	62	59	58	

RC - Ceiling Cavity Reflectance RW - Wall Reflectance