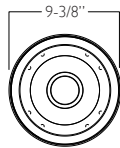
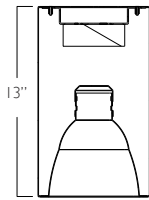


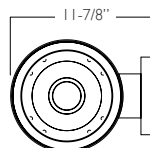
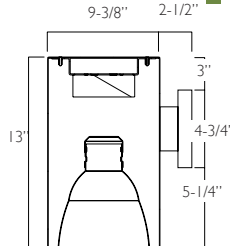
SCV8-LED 8" ARCHITECTURAL CYLINDER LED DOWNLIGHT



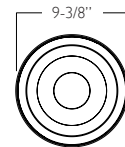
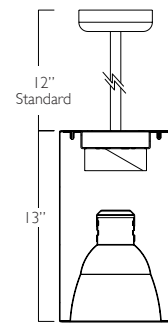
SCV8-LED-CM



SCV8-LED-WM



SCV8-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	175mA/76mA	21W(+/-5%)	<20%	>0.9	1100
120/277	50/60Hz	133mA/57mA	16W(+/-5%)	<20%	>0.9	800



DESCRIPTION - 8" 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

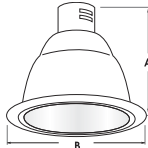
DIM10 (0-10V Dimming)
LUTH (Lutron® Hi-lume® Dimming)
DIMTR (Triac & Electronic Low Voltage Dimming)

Example: SCV8-LED-CM-WH-21W-DIM10-120-FL-30K-LED-8101-CL-WH

TYPE	MOUNTING	FINISH	800 LUMENS	1100 LUMENS	1500 LUMENS	OPTICS	COLOR	EMERGENCY	TRIM TYPE	REF/ RING	DISC
SCV8-LED	<input type="checkbox"/> CM-Ceiling Mount	<input type="checkbox"/> WH-WHITE	<input type="checkbox"/> 16W-DIMTR-120	<input type="checkbox"/> 21W-LUTH-120	<input type="checkbox"/> 34W-LUTH-120	<input type="checkbox"/> FL	<input type="checkbox"/> 30K	<input type="checkbox"/> EMG-LED	<input type="checkbox"/> LED-8101	<input type="checkbox"/> CL-WH	<input type="checkbox"/> BLUE
	<input type="checkbox"/> WM-Wall Mount	<input type="checkbox"/> BK-BLACK	<input type="checkbox"/> 16W-LUTH-120	<input type="checkbox"/> 21W-LUTH-277	<input type="checkbox"/> 34W-LUTH-277	<input type="checkbox"/> 35K		<input type="checkbox"/> LED-8102	<input type="checkbox"/> LED-8112	<input type="checkbox"/> CL-SCH	<input type="checkbox"/> RED
	<input type="checkbox"/> PM12-12" Pendant Mount	<input type="checkbox"/> BZ-BRONZE	<input type="checkbox"/> 16W-LUTH-277	<input type="checkbox"/> 21W-DIM10-120	<input type="checkbox"/> 34W-DIM10-120	<input type="checkbox"/> 41K		<input type="checkbox"/> LED-8107	<input type="checkbox"/> LED-8114	<input type="checkbox"/> SHZ-SHZ	<input type="checkbox"/> GREEN
	<input type="checkbox"/> PM18-18" Pendant Mount	<input type="checkbox"/> SI-SILVER	<input type="checkbox"/> 16W-DIM10-120	<input type="checkbox"/> 21W-DIM10-277	<input type="checkbox"/> 34W-DIM10-277			<input type="checkbox"/> LED-8109	<input type="checkbox"/> LED-8115	<input type="checkbox"/> SHZ-WH	<input type="checkbox"/> FROST
	<input type="checkbox"/> PM24-24" Pendant Mount		<input type="checkbox"/> 16W-DIM10-277					<input type="checkbox"/> LED-8128	<input type="checkbox"/> LED-8125	<input type="checkbox"/> W-WH	<input type="checkbox"/> AL
	<input type="checkbox"/> PM36-36" Pendant Mount									<input type="checkbox"/> MB-WH	<input type="checkbox"/> BZ
	<input type="checkbox"/> PM48-48" Pendant Mount									<input type="checkbox"/> WT-WH	<input type="checkbox"/> WH



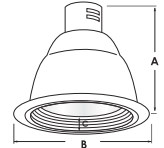
EXAMPLE: LED-8101-CL-WH
LED-8101 - REFLECTOR
REFLECTOR/ RING FINISH:
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH



A= 7-1/2"
 B= 9-1/8"



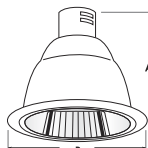
EXAMPLE: LED-8102-CL-WH
LED-8102 - BAFFLE W/ REFLECTOR
BAFFLE/ RING FINISH:
 W-CL-WH P-CL-WH



A= 7-1/2"
 B= 9-1/8"
 C= 1"



EXAMPLE: LED-8107-CL-WH
LED-8107 - WALL WASH REFLECTOR
REFLECTOR/ RING FINISH:
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH

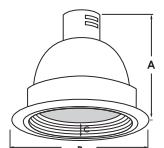


A= 7-1/2"
 B= 9-1/8"



FOR WET LOCATION

EXAMPLE: LED-8112-CL-WH
LED-8112 - BAFFLE W/ FROSTED GLASS LENS
BAFFLE/ RING FINISH:
 W-WH P-WH

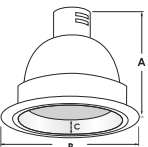


A= 7-1/2"
 B= 9-1/8"
 C= 1"



FOR WET LOCATION

EXAMPLE: LED-8114-CL-WH
LED-8114 - REFLECTOR W/ FROSTED GLASS LENS
REFLECTOR/ RING FINISH:
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH

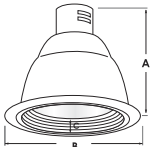


A= 7-1/2"
 B= 9-1/8"
 C= 1"



FOR WET LOCATION

EXAMPLE: LED-8113-CL-WH
LED-8113 - BAFFLE W/ TEMPERED CLEAR GLASS
BAFFLE/ RING FINISH:
 W-WH P-WH

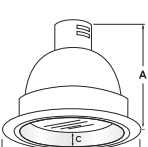


A= 7-1/2"
 B= 9-1/8"
 C= 1"



FOR WET LOCATION

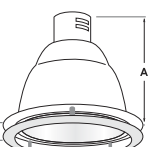
EXAMPLE: LED-8115-CL-WH
LED-8115 - REFLECTOR W/ TEMPERED CLEAR GLASS
REFLECTOR/ RING FINISH:
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH



A= 7-13/16"
 B= 9-1/8"
 C= 1"



EXAMPLE: LED-8109-CL-WH
LED-8109 - 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

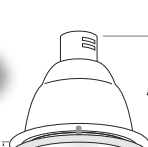


A= 7-1/2"
 B= 9-1/8"
 C= 1-1/4"



ALUMINIUM DISC

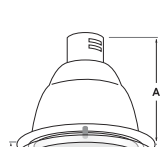
EXAMPLE: LED-8128-CL-WH-AL
LED-8128 - DECO GLASS REFLECTOR WITH ALUMINIUM DISC
REFLECTOR FINISH:
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH
DISC FINISH: AL, WH, BZ



A= 7-1/2"
 B= 9-1/8"
 C= 1-1/4"



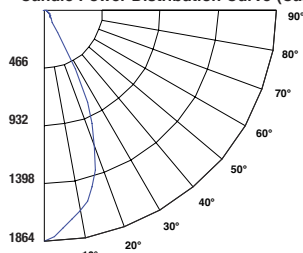
EXAMPLE: LED-8125-CL-WH
LED-8125 - CENTRAL ETCHED FLOAT GLASS
REFLECTOR/ RING FINISH:
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH



A= 7-1/2"
 B= 9-1/8"
 C= 1-1/4"

SCV8-LED-21W-MVOLT-DIM-FL-41K-LED-8101-SHZ TEST NO.: ELT-SCV8-LED-0248
 INPUT WATTS: 21 LUMENS: 1118 CRI: 85+ EFFICACY: 53 LPW CCT: 4100K SPACING CRITERIA: 0.8

Candle Power Distribution Curve (Candela)



Cone of Light		
4'	116.47	5.4'
6'	51.77	8.0'
8'	29.12	10.7'
10'	18.64	13.4'
12'	12.9	16.1'

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°	947.91	84.8	84.8
0-40°	1062.69	95	95
0-60°	1106.55	98.9	98.9
0-90°	1118.27	100	100

Luminance (Average Candela/M2)

Angle In Degrees	Average		
	0°	55°	90°
45°	1595	1595	1595
55°	926	926	926
65°	582	582	582
75°	376	376	376
85°	166	166	166

Lumens Per Zone

Zone	Lumens
0-10	159.02
10-20	396.54
20-30	392.35
30-40	114.79
40-50	28.36
50-60	15.4
60-70	7.85
70-80	3.33
80-90	.64

Candela Distribution

0	0
0	1863.57
5	1701.77
15	1437.84
25	848.93
35	102
55	35.88
55	16.90
65	7.82
75	3.10
85	0.46
90	0

Coefficients of Utilization - Zonal Cavity Method

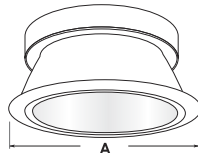
Effective Floor Cavity Reflectance 0.20

RC RW	80%			70%			50%			30%			10%			0%		
	70%	50%	30%	70%	50%	30%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	0%	
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	101	97	107	103	99	96	99	97	94	96	94	92	94	92	90	89
3	104	98	93	90	102	97	92	89	94	91	88	92	89	86	89	87	85	83
4	99	92	87	83	98	91	87	83	89	85	82	87	84	81	85	83	80	79
5	95	87	82	78	93	86	81	78	85	80	77	83	79	76	82	78	76	74
6	91	83	77	73	89	82	77	73	80	76	73	79	75	72	78	74	72	70
7	87	79	73	69	86	78	73	69	77	72	69	75	71	68	74	71	68	67
8	83	75	69	65	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	61	60
10	77	68	63	59	76	67	62	59	67	62	59	66	62	59	65	61	59	57

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

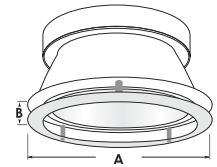


FOR WET LOCATION



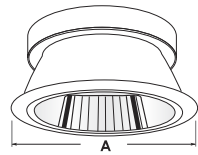
A = 9-1/4"

EXAMPLE: HH8-8501-CL-WH
HH8-8501 - REFLECTOR WITH DIFFUSE LENS
REFLECTOR/ RING FINISH:
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH



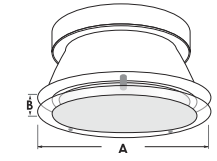
A = 9-1/4"
 B = 1"

EXAMPLE: HH8-8509-CL-WH
HH8-8509 - DECO GLASS REFLECTOR WITH DIFFUSE LENS
REFLECTOR/ RING FINISH:
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH
GLASS FINISH:
 BLUE, RED, GREEN, FROST



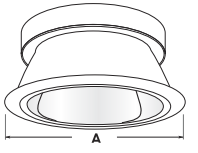
A = 9-1/4"

EXAMPLE: HH8-8507-CL-WH
HH8-8507 - WALL WASH REFLECTOR WITH DIFFUSE LENS
REFLECTOR/ RING FINISH:
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH



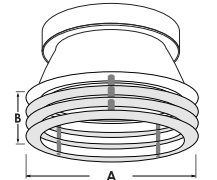
A = 9-1/4"
 B = 1"

EXAMPLE: HH8-8525-CL-WH
HH8-8525 - CENTRAL ETCHED FLOAT GLASS WITH DIFFUSE LENS
REFLECTOR/ RING FINISH:
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH



A = 9-1/4"

EXAMPLE: HH8-8577-CL-WH
HH8-8577 - DOUBLE WALL WASH REFLECTOR WITH DIFFUSE LENS
REFLECTOR/ RING FINISH:
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH



A = 9-1/4"
 B = 2-1/4"

EXAMPLE: HH8-8511-CL-WH
HH8-8511 - TRIPLE RING GLASS WITH DIFFUSE LENS
REFLECTOR/ RING FINISH:
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH
GLASS FINISH:
 BLUE, RED, GREEN, FROST



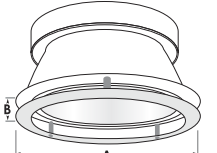
ALUMINIUM DISC



HH8-8528-CL-WH-WH



HH8-8528-CL-WH-BZ



A = 9-1/4"
 B = 1-1/4"

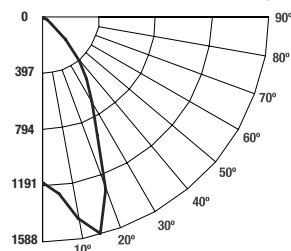
EXAMPLE: HH8-8528-CL-WH-AL
HH8-8528 - REFLECTOR WITH ALUMINIUM DISC AND DIFFUSE LENS
REFLECTOR FINISH:
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH
DISC FINISH:
 AL, WH, BZ

SCH8-LED-24W-DIM10-FL-40K-HH8-8501-CL-WH

TEST NO.: ELT-HH8-0018

INPUT WATTS: 24 LUMENS: 1540.4 CRI: 85+ EFFICACY: 64.18 LPW CCT: 4000K SPACING CRITERIA: 1.02

Candle Power Distribution Curve (Candela)



Cone of Light		
2.0'	293.18	2.1'
4.0'	73.30	4.2'
6.0'	32.58	6.3'
8.0'	18.32	8.4'
10.0'	11.73	10.6'
12.0'	8.14	12.7'

Distance to Plane Initial Footcandles at Meas Beam Diameter
 BEAM DIA. MEASURED AT 50% OF NAIRI F.C.

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	977.3	63.5%	63.5%
0-40	1,313.5	85.3%	85.3%
0-60	1,523.9	99%	99%
0-90	1,539.0	100%	100%

Luminance (Average Candela/M²)

Angle In Degrees	Average		
	0°	45°	90°
45°	3724	3227	3751
55°	602	525	633
65°	193	143	185
75°	90	69	87
85°	24	16	18

Lumens Per Zone

Zone	Lumens
0-10	127.4
10-20	416.3
20-30	433.6
30-40	336.1
40-50	174.7
50-60	35.7
60-70	9.8
70-80	4.2
80-90	1.0

Candela Distribution

Zone	Q
0	1173
5	1259
15	1566
25	921
35	538
45	222
55	34
65	10
75	4
85	1
90	0

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RCC	80%				70%				50%				30%				10%				0%			
	RW	70%	50%	30%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
RCR 0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100			
1	113	110	108	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93	93	93	93			
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85	85	85	85			
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	86	83	80	79	79	79	79			
4	96	88	82	77	94	86	81	77	84	79	76	82	78	75	80	77	74	72	72	72	72			
5	90	81	75	71	89	80	75	70	79	74	70	77	73	69	75	72	68	67	67	67	67			
6	85	76	70	65	84	75	69	65	74	68	64	72	67	64	71	67	63	62	62	62	62			
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	58	58	58	58			
8	77	67	60	56	75	66	60	56	65	59	55	64	59	55	63	58	55	54	54	54	54			
9	73	63	56	52	72	62	56	52	61	56	52	60	55	52	59	55	51	50	50	50	50			
10	69	59	53	49	68	58	53	49	58	52	48	57	52	48	56	51	48	47	47	47	47			

RC - Ceiling Cavity Reflectance RW - Wall Reflectance