

**FEATURES**

This wet location LED wall mount cylinder carries a compact light source delivering excellent beam control and color consistency. Features a modern cylinder attached to a rectangular back plate. Available in white, bronze, and silver. Die-cast construction for weatherproofing and corrosion-resistance. Wet location rated for both indoor and outdoor applications such as porches, flanking garages, verandas, hospitality, residential, and offices.

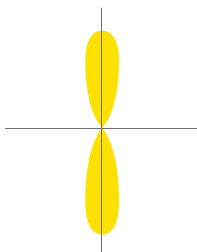
LUMENS	4000
CCT	27K, 30K, 35K, 40K, 50K
CRI	90+ Standard
COLOR QUALITY	2 Step MacAdam Ellipse
DISTRIBUTIONS	ND-Narrow(20°), MD-Medium(36°), MWD-Medium Wide(45°), WD-Wide(60°)
MOUNTING OPTIONS	WM (Wall Mount)
BODY FINISHES	WH (White), BZ (Bronze), SI (Silver)
DIMMING	0-10V Flicker Free 1% Dimming Standard (DIM10), DIMTR
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08 and LM80

**SCH6-WL-LED-WM (Total Lumen UP/DOWN)**

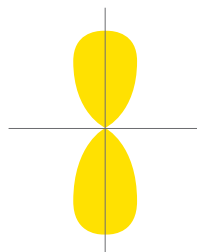
NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
4000	4716	52W

Based on 4000K, 90+ CRI. Actual wattage may vary +/- 5%

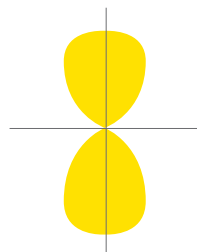
**ND: Marrow**  
Candlepower Distribution Curve



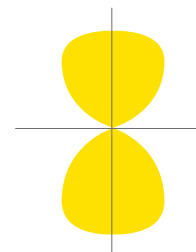
**MD: Medium**  
Candlepower Distribution Curve



**MWD: Medium Wide**  
Candlepower Distribution Curve



**WD: Wide**  
Candlepower Distribution Curve



Reference IES files for additional distribution curve information.



**CONSTRUCTION**

Post-painted matte white finish and heavy-duty die-formed construction for maximum heat dissipation and rust protection. Custom colors and finishes are also available.

**THERMAL MANAGEMENT SYSTEM**

Die-cast heatsink is attached to top of die-cast aluminum housing, engineered for extremely long life. LED light engine is attached to heatsink and is easily replaceable.

**INSTALLATION**

All necessary hardware included. Screw in mounting bracket over outlet box. Connect power supply. Secure frame to wall using provided screws. Caulk around backplate using outdoor silicone sealant.

**GASKET**

Body and wall mount bracket are sealed with a high temperature silicone O-ring gasket to prevent water intrusion.

**LENS**

Tempered glass lens, factory sealed with high temperature silicone O-ring to prevent water intrusion and breakage due to thermal shock.

**CONSTRUCTION**

Cast-aluminum housing with corrosion-resistant paint in either dark bronze or white finish

**DIMMING & DRIVER INFORMATION**

DIM10 - 0-10V dimming on MVOLT 120, 277V. DIMTR for just 120V.

**DRIVER ELECTRICAL INFORMATION**

LED driver is rated for 50 to 60Hz at 120V/277V input, produces less than 20% THD, has a power factor between 90% and 100%, and is thermally protected for additional safety. 1KV surge protection standard.

**WARRANTY**

Five-year warranty for parts and components. (Labor not included)

**LISTINGS**

cULus, UL listed for US and Canada  
Wet Location Listed

SERIES	FINISH	TOTAL LUMENS	DIMMING	VOLTAGE	DISTRIBUTION	CCT	CRI	EMERGENCY
<b>SCH6-WL-LED-UWM</b> LED outdoor Cylinder Wet location, Wall Mount UP/DOWNLight	<b>WH</b> -White <b>BZ</b> -Bronze <b>SI</b> -Silver	<b>4000L</b> - 4716 lumens	<b>DIM10</b> - 0-10V Dimming <b>DIMTR*</b> - Triac Dimming <i>*DIMTR is just for 120V</i>	<b>MVOLT</b>	<b>ND</b> -Narrow Distribution <b>MD</b> -Narrow Distribution <b>MWD</b> -Medium Wide Distribution <b>WD</b> -Wide Distribution	<b>27K</b> <b>30K</b> <b>35K</b> <b>40K</b> <b>50K</b>	<b>90</b>	<b>EMG-LED-10W</b> <b>EMG-LED-20W</b> <i>Remote Mount Please consult factory</i>

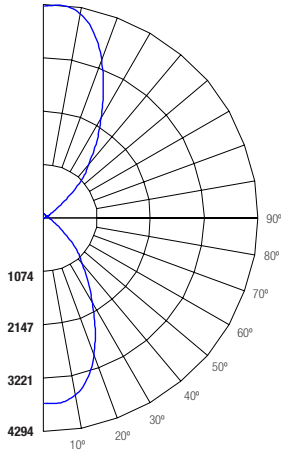


**SCH6-WL-LED-UWM-WH-4000L-DIM10-MVOLT-MD-40K-90**

TEST NO.: **EL02172143**

INPUT WATTS: **52** LUMENS: **4716** CRI: **90** EFFICACY: **91** CCT: **4000K** SPACING CRITERIA: **N/A**

**Candle Power Distribution (Candelas)**



**Zonal Lumens Summary**

Zone	Lumens	%Lamp	%Fixt
0-20	1044.54	22.1	22.1
0-30	1691.67	35.9	35.9
0-40	2074.99	44	44
0-60	2173.97	46.1	46.1
0-80	2186	46.4	46.4
0-90	2189.03	46.4	46.4

**Luminance (Average candela/M<sup>2</sup>)**

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	353	1306	383
55	148	154	0
65	84	90	0
75	50	66	52
85	7	43	26

**Lumens Per Zone**

Zone	Lumens
0-10	329.95
10-20	714.59
20-30	647.12
30-40	383.32
40-50	88.8
50-60	10.18
60-70	6.19
70-80	5.85
80-90	3.02

**Candela Tabulation**

0	Q
0	3799.4
5	3725.7
15	2690.3
25	1376.4
35	571.91
45	42.942
55	17.015
65	8.85
75	4.603
85	0.512
90	0.771

**Coefficients of Utilization - Zonal Cavity Method**

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC		80%				70%				50%				30%				10%				0%			
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%				
0	106	106	106	106	106	98	98	98	98	81	81	81	66	66	66	53	53	53	53	53	53	46				
1	99	96	93	90	90	91	88	86	84	75	73	71	62	61	60	50	50	50	49	49	49	44				
2	93	87	82	78	78	85	81	77	73	69	66	64	58	56	54	48	46	46	46	46	46	41				
3	87	79	73	69	69	80	74	69	65	63	60	57	54	52	50	45	44	44	42	42	42	39				
4	81	72	66	61	61	75	68	62	58	59	55	52	50	48	46	43	41	40	37	37	37	34				
5	76	67	60	55	55	70	62	57	53	55	50	47	47	44	42	40	39	37	34	34	34	32				
6	71	61	55	50	50	66	58	52	48	51	47	44	44	41	39	38	36	35	32	32	32	30				
7	67	57	51	46	46	62	54	48	44	48	43	40	42	39	36	36	34	33	30	30	30	29				
8	63	53	47	42	42	59	50	45	41	45	40	37	39	36	34	35	32	31	29	29	29	27				
9	60	50	43	39	39	56	47	41	38	42	38	35	37	34	32	33	31	29	27	27	27	27				
10	57	46	40	36	36	53	44	39	35	40	35	33	35	32	30	31	29	28	28	28	28	26				

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance