

SCH4-WL-LED-WM (downlight only)

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
2000	2140	25 W

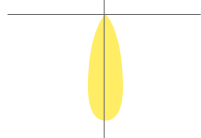
Based on 4000K, 90+ CRI. Actual wattage may vary +/- 5%

FEATURES

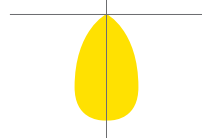
This wet location LED wall mount cylinder carries a compact light source delivering excellent beam control and color consistency. Features a modern cylinder attached to a rectangular back plate. Available in white, bronze, and silver. Die-cast construction for weatherproofing and corrosion-resistance.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

LUMENS	2000
CCT	27K, 30K, 35K, 40K, 50K
CRI	90+ Standard
COLOR QUALITY	2 Step MacAdam Ellipse
DISTRIBUTIONS	ND-Narrow(15°), MD-Medium(25°), WD-Wide(36°)
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

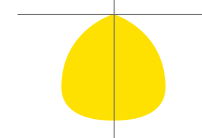
ND: Narrow
Candlepower Distribution Curve



MD: Medium
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

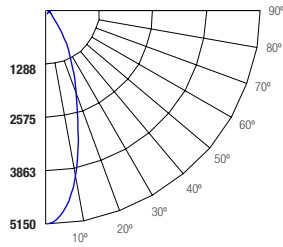
SCH4-WL-LED-WM								
SERIES	FINISH	TOTAL LUMENS	DIMMING	VOLTAGE	DISTRIBUTION	CCT	CRI	EMERGENCY
SCH4-WL-LED-WM LED outdoor Cylinder Wet location, Wall Mount UP/DOWN Light	WH -White BZ -Bronze SI -Silver	2000L - 2140 lumens	DIM10 - 0-10V Dimming DIMTR* - Triac Dimming <small>*DIMTR is just for 120V</small>	MVOLT	ND -Narrow Distribution MD -Medium Distribution WD -Wide Distribution	27K 30K 35K 40K 50K	90	EMG-LED-10W EMG-LED-20W <small>Remote Mount Please consult factory</small>

SCH4-WL-LED-WM-WH-2000L-DIM10-MVOLT-MD-40K-90

TEST NO.: **EL11041902**

INPUT WATTS: **25.2** LUMENS: **2140** CRI: **90** EFFICACY: **85** CCT: **4000K** SPACING CRITERIA: **.60**

Candle Power Distribution (Candelas)



Cone of Light		
1.7	1,766 fc	1.0 ft
3.3	469 fc	2.0 ft
5.0	204 fc	3.1 ft
6.7	114 fc	4.1 ft
8.3	74.1 fc	5.1 ft
10.0	51.0 fc	6.1 ft
Distance to Plane	Initial Footcandle at Nadir	Beam diameter

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

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	1278.54	59.7	59.7
0-30	1907.36	89.1	89.1
0-40	2099.86	98.1	98.1
0-60	2132.04	99.6	99.6
0-80	2138.65	99.9	99.9
0-90	2138.67	99.9	99.9

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	10795	11323	13700
55	6774	6905	7311
65	4455	4560	5516
75	40	66	450
85	79	79	79

Lumens Per Zone

Zone	Lumens
0-10	444.79
10-20	833.76
20-30	628.81
30-40	192.5
40-50	21.26
50-60	10.92
60-70	5.98
70-80	0.64
80-90	0.02

Candela Tabulation

0	5	15	25	35	45	55	65	75	85	90
5102.52	4810.24	2738.02	1209.73	127.91	22.3	11.35	5.5	0.03	0.02	0.02

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

	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%	0%	
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	
	1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	
	2	110	106	102	99	108	104	101	98	101	98	96	98	96	94	95	94	92	91	
	3	105	100	96	93	104	99	95	92	96	93	90	94	91	89	92	89	88	86	
	4	101	95	90	87	100	94	90	86	92	88	85	90	87	84	88	86	83	82	
	5	97	90	86	82	96	90	85	82	88	84	81	86	83	80	85	82	80	78	
	6	94	86	81	78	92	86	81	78	84	80	77	83	79	76	82	78	76	75	
	7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	72	
	8	87	79	74	71	86	78	74	70	77	73	70	76	73	70	76	72	70	68	
	9	84	76	71	68	83	75	71	67	74	70	67	74	70	67	73	69	67	66	
10	81	73	68	65	80	72	68	65	72	67	64	71	67	64	70	67	64	63		

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance