

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P634713

Luminaire Tested: GWS-SA3C-735-U-5MQ-W-GRSBK

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P634713
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA3C-735-U-5MQ-W-GRSBK
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V MEDIUM OPTICS W/ FACTORY INSTALLED GLARE SHIELD, BK
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8406.2 lumens
Efficiency: N/A
Efficacy: 90.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G0

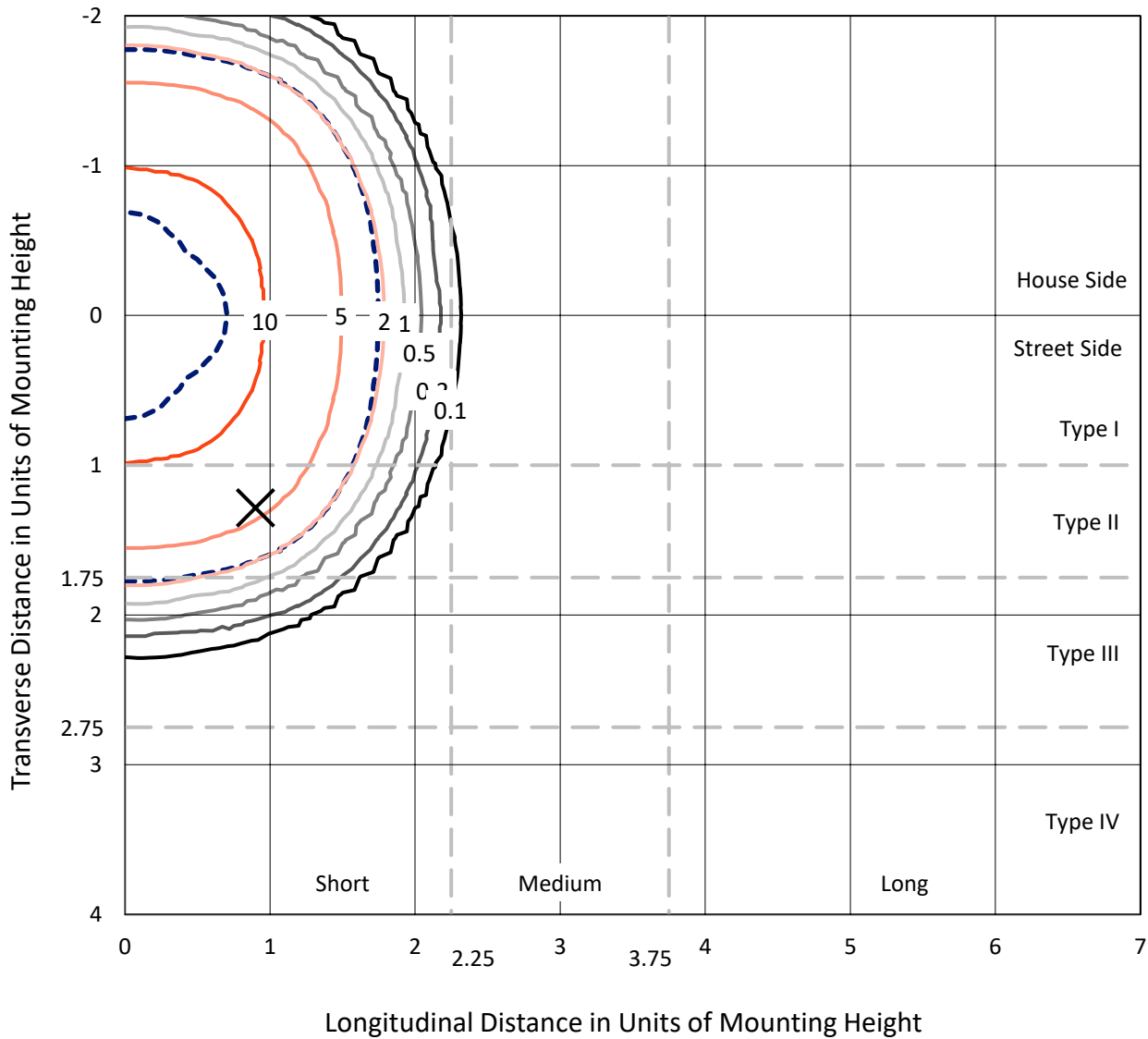
Input Watts (W): 93
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

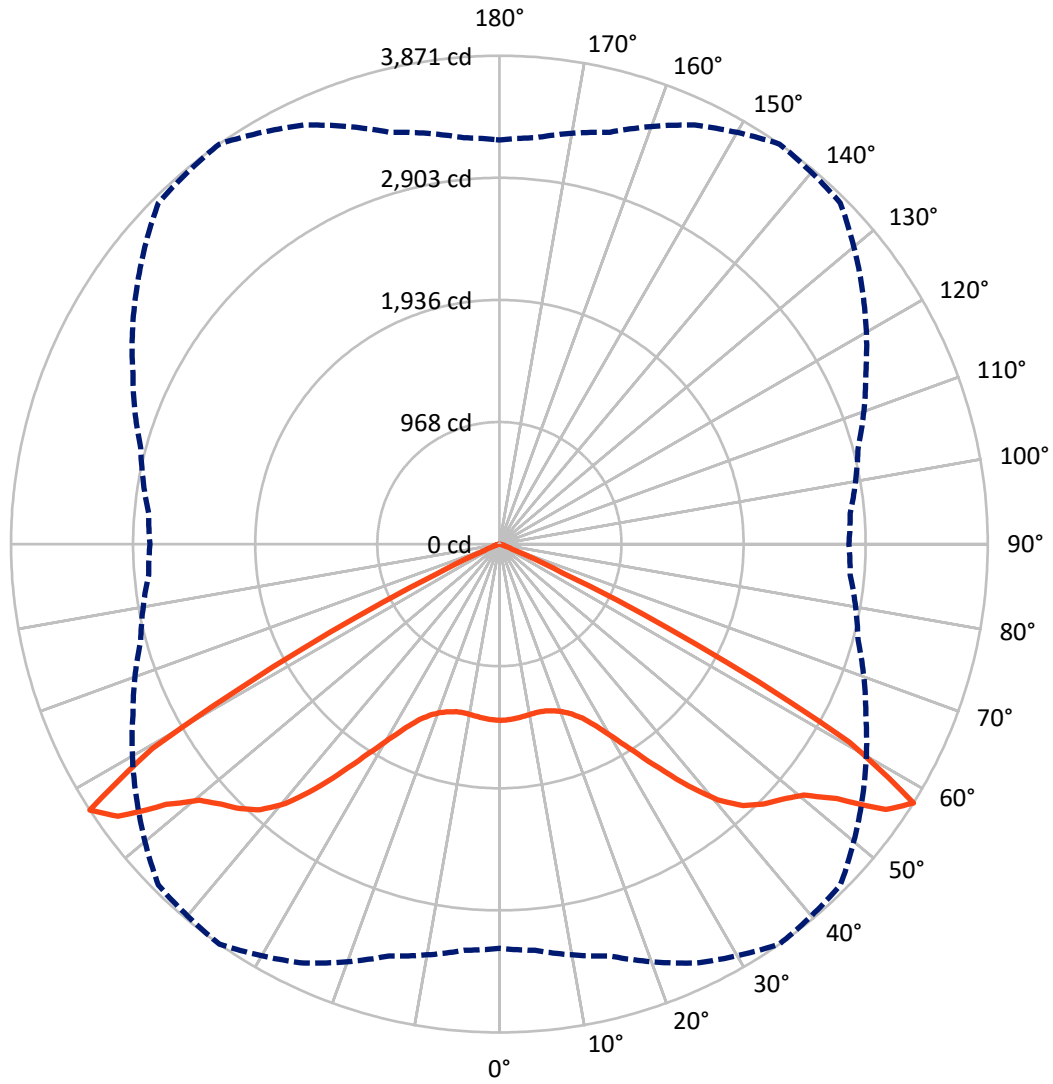
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 14 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 35-Deg Lateral - - - Horizontal Cone Through 57.5-Deg Vertical

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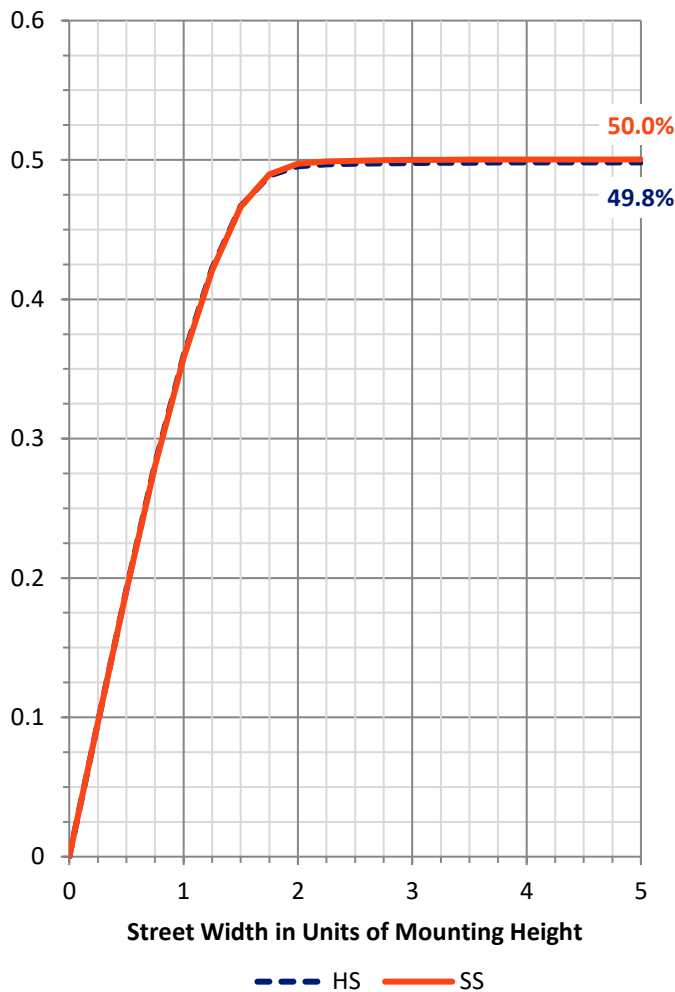
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4203.1	0.0	4203.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4203.1	0.0	4203.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	8406.2	0.0	8406.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	131.7	1.6
10°-20°	387.3	4.6
20°-30°	700.1	8.3
30°-40°	1306.2	15.5
40°-50°	2191.1	26.1
50°-60°	2893.6	34.4
60°-70°	768.5	9.1
70°-80°	27.3	0.3
80°-90°	0.5	0.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	8406.2	100.0
0°-180°	8406.2	100.0

Coefficient of Utilization



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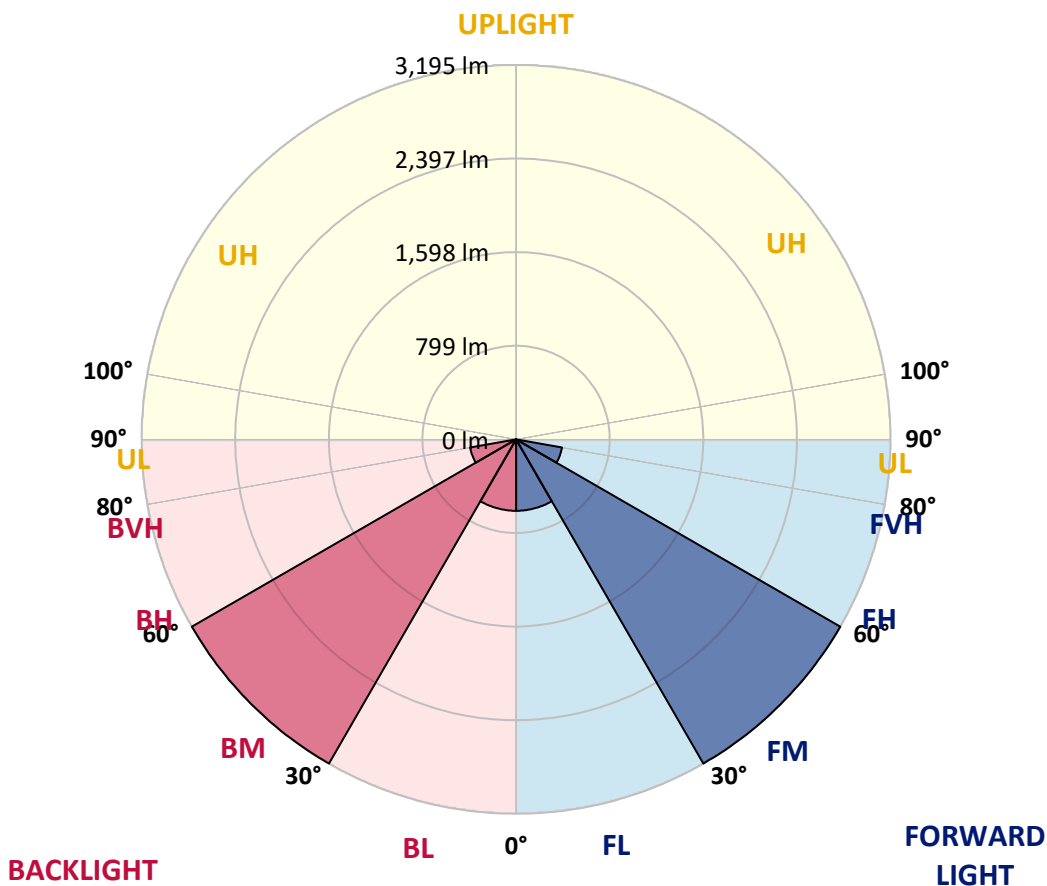
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	609.6	7.3			
FM (30°-60°)	3195.4	38.0			
FH (60°-80°)	397.9	4.7			G0/660
FVH (80°-90°)	0.2	0.0			G0/10
BL (0°-30°)	609.6	7.3	B2/1000		
BM (30°-60°)	3195.4	38.0	B3/5000		
BH (60°-80°)	397.9	4.7	B1/500		G0/660
BVH (80°-90°)	0.2	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G0

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1397.6	1397.6	1397.6	1397.6	1397.6	1397.6	1397.6	1397.6	1397.6	1397.6	1397.6
2.5°	1387.7	1386.8	1390.7	1393.7	1393.7	1400.6	1398.6	1396.6	1394.6	1391.7	1398.6
5°	1385.8	1384.8	1387.7	1389.7	1387.7	1393.7	1389.7	1385.8	1383.8	1379.9	1387.7
7.5°	1376.9	1377.9	1379.9	1381.8	1378.9	1383.8	1378.9	1372.9	1368.0	1364.1	1371.0
10°	1363.1	1364.1	1366.0	1370.0	1371.0	1377.9	1371.0	1360.1	1353.2	1347.3	1354.2
12.5°	1356.2	1357.2	1360.1	1365.1	1366.0	1374.9	1366.0	1350.3	1340.4	1333.5	1340.4
15°	1358.2	1360.1	1364.1	1370.0	1372.0	1380.8	1369.0	1348.3	1334.5	1325.6	1331.5
17.5°	1365.1	1367.0	1372.9	1382.8	1389.7	1398.6	1383.8	1357.2	1338.4	1325.6	1331.5
20°	1373.9	1376.9	1386.8	1402.5	1417.3	1433.1	1414.4	1377.9	1353.2	1337.4	1342.4
22.5°	1398.6	1401.6	1415.4	1436.1	1460.7	1480.5	1457.8	1411.4	1377.9	1357.2	1362.1
25°	1448.9	1451.9	1469.6	1496.2	1527.8	1553.4	1524.8	1466.6	1423.3	1399.6	1401.6
27.5°	1527.8	1530.8	1551.5	1589.0	1631.4	1667.9	1626.4	1558.4	1509.1	1481.4	1481.4
30°	1627.4	1631.4	1659.0	1709.3	1775.4	1823.7	1767.5	1684.6	1621.5	1584.0	1585.0
32.5°	1755.6	1751.7	1791.1	1860.2	1953.9	2018.0	1935.1	1834.5	1756.6	1704.3	1709.3
35°	1920.4	1919.4	1963.8	2057.5	2179.8	2256.7	2158.1	2027.9	1934.2	1880.9	1881.9
37.5°	2132.4	2131.4	2182.7	2284.3	2431.3	2495.4	2384.9	2252.7	2152.1	2100.8	2106.8
40°	2381.0	2375.0	2420.4	2518.1	2665.0	2706.4	2586.1	2479.6	2382.9	2350.4	2366.2
42.5°	2617.7	2604.9	2631.5	2720.3	2833.7	2839.6	2748.9	2675.9	2609.8	2584.1	2594.0
45°	2808.0	2798.2	2822.8	2874.1	2939.2	2909.6	2866.2	2843.5	2790.3	2762.7	2771.5
47.5°	2950.1	2950.1	2979.7	3011.2	3021.1	2966.8	2973.7	2973.7	2920.5	2877.1	2866.2
50°	3072.4	3081.2	3125.6	3158.2	3125.6	3056.6	3096.0	3088.1	2979.7	2892.9	2870.2
52.5°	3267.7	3276.5	3344.6	3389.0	3352.5	3284.4	3289.4	3190.7	3030.9	2928.4	2892.9
55°	3474.8	3496.5	3595.1	3713.5	3714.5	3644.4	3514.2	3339.7	3145.4	3033.9	2997.4
57.5°	3203.5	3233.1	3380.1	3665.1	3871.3	3823.0	3512.3	3205.5	2943.2	2791.3	2770.6
60°	2204.4	2255.7	2402.7	2792.3	3189.7	3208.5	2841.6	2497.3	2196.5	2009.1	2013.1
62.5°	931.1	983.4	1066.2	1386.8	1751.7	1774.4	1596.8	1350.3	1104.7	969.5	990.3
65°	219.0	233.8	258.4	383.7	556.3	581.9	536.6	418.2	308.7	261.4	266.3
67.5°	95.7	97.6	92.7	98.6	122.3	125.3	121.3	106.5	100.6	102.6	102.6
70°	67.1	68.1	64.1	61.2	58.2	54.2	56.2	62.1	67.1	71.0	70.0
72.5°	41.4	42.4	43.4	43.4	40.4	36.5	38.5	42.4	43.4	44.4	43.4
75°	20.7	21.7	23.7	24.7	23.7	22.7	22.7	23.7	23.7	22.7	22.7
77.5°	3.9	4.9	6.9	7.9	7.9	7.9	7.9	7.9	8.9	7.9	7.9
80°	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0
82.5°	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)