

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: P634054

Luminaire Tested: GWS-SA3B-722-U-5MQ-W-GRSWH

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P634054
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA3B-722-U-5MQ-W-GRSWH
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V MEDIUM OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6708.5 lumens
Efficiency: N/A
Efficacy: 98.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

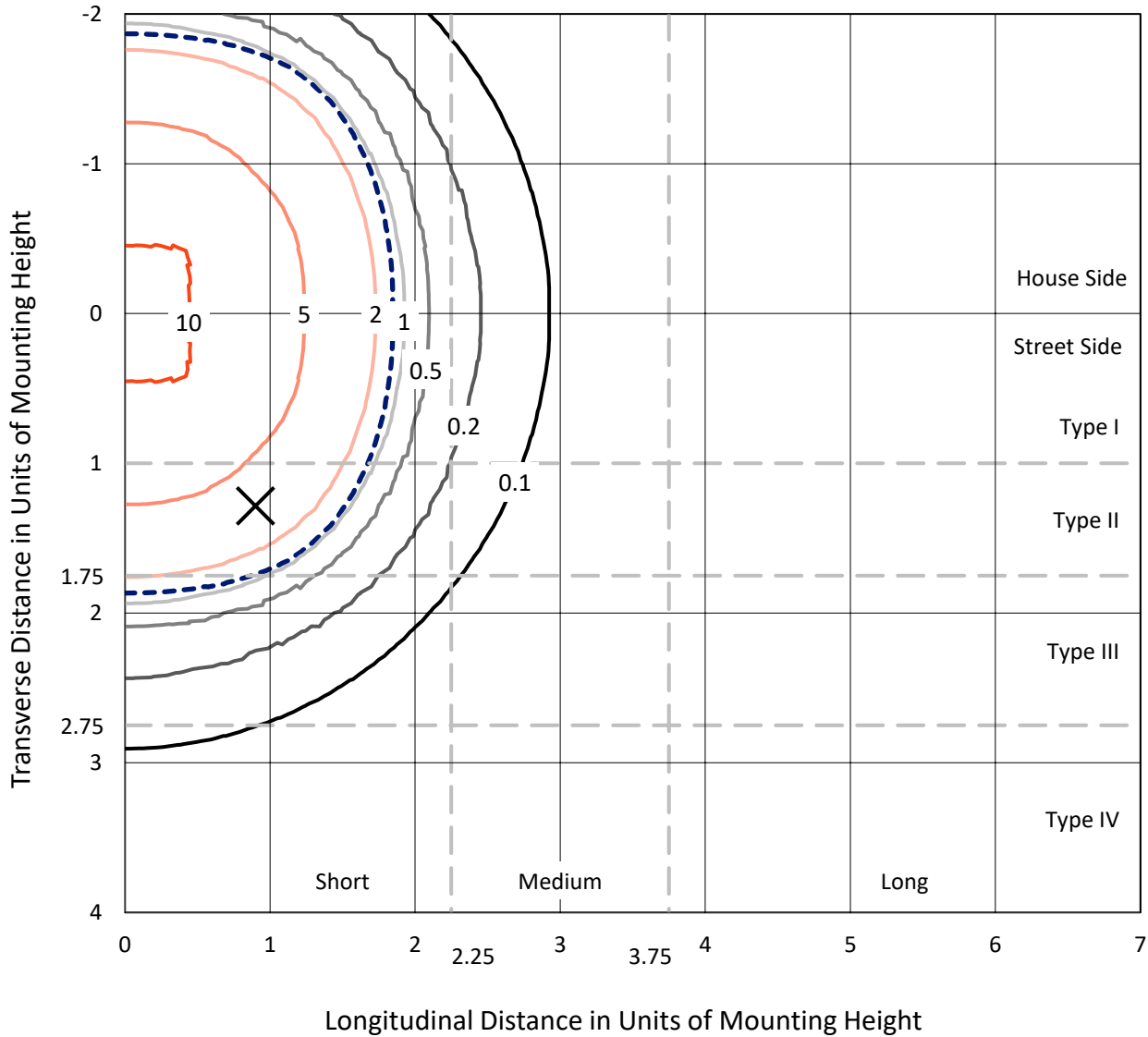
Input Watts (W): 68.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

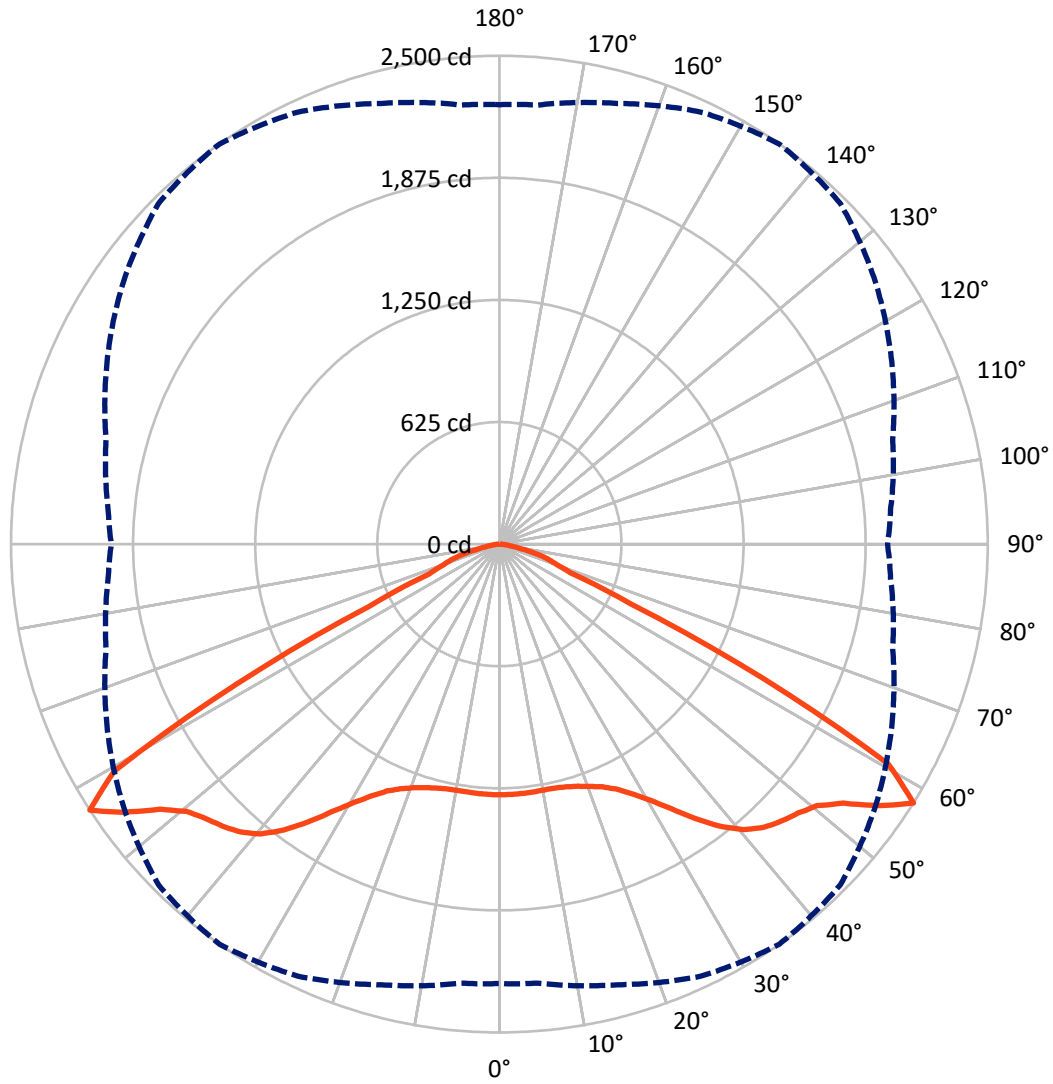
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 12.8 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	3354.2	0.0	3354.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3354.2	0.0	3354.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	6708.5	0.0	6708.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.1	1.8
10°-20°	364.3	5.4
20°-30°	635.7	9.5
30°-40°	1042.4	15.5
40°-50°	1535.2	22.9
50°-60°	1959.1	29.2
60°-70°	825.7	12.3
70°-80°	197.2	2.9
80°-90°	26.8	0.4
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°	6708.5	100.0
0°-180°	6708.5	100.0

Coefficient of Utilization



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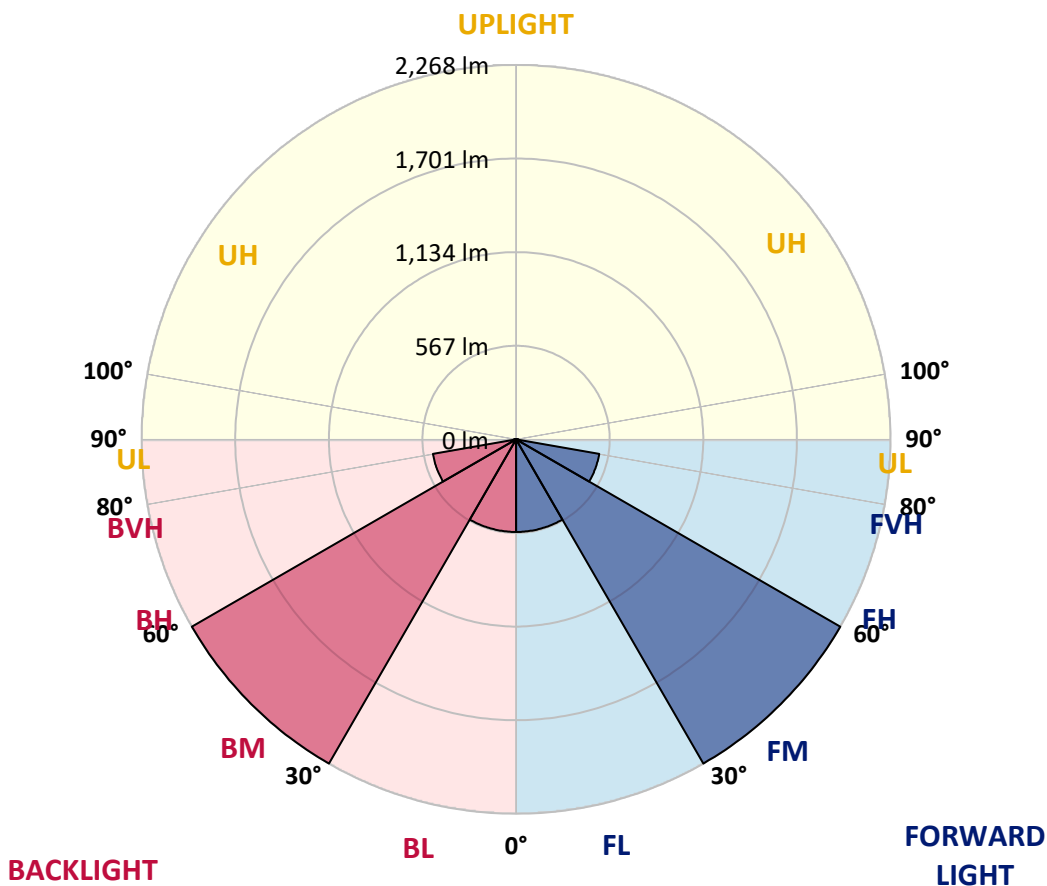
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	561.1	8.4			
FM (30°-60°)	2268.3	33.8			
FH (60°-80°)	511.4	7.6			G0/660
FVH (80°-90°)	13.4	0.2			G1/100
BL (0°-30°)	561.1	8.4	B2/1000		
BM (30°-60°)	2268.3	33.8	B2/2500		
BH (60°-80°)	511.4	7.6	B2/1000		G0/660
BVH (80°-90°)	13.4	0.2			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1275.9	1275.9	1278.7	1281.4	1282.5	1287.4	1286.9	1285.2	1284.1	1280.8	1285.2
5°	1278.7	1278.7	1280.8	1282.5	1281.9	1285.8	1284.1	1281.4	1279.7	1276.5	1281.4
7.5°	1278.1	1278.1	1279.7	1281.4	1280.3	1283.6	1280.8	1277.0	1274.3	1271.0	1275.4
10°	1271.0	1272.1	1273.7	1277.6	1279.2	1284.1	1280.3	1274.3	1269.9	1266.0	1270.4
12.5°	1269.9	1271.0	1273.2	1278.1	1280.8	1288.0	1283.0	1273.2	1266.6	1261.6	1266.0
15°	1274.8	1275.9	1279.2	1285.2	1289.6	1297.3	1290.2	1276.5	1267.1	1260.5	1264.4
17.5°	1280.8	1282.5	1287.4	1296.2	1303.4	1311.6	1302.8	1286.3	1273.2	1264.4	1267.7
20°	1287.4	1289.6	1297.3	1310.5	1323.7	1334.1	1323.1	1301.2	1285.2	1273.7	1277.0
22.5°	1299.0	1301.7	1311.6	1330.3	1350.1	1365.4	1351.7	1322.0	1301.2	1286.3	1289.1
25°	1322.6	1325.9	1338.5	1361.0	1389.1	1407.7	1388.5	1355.0	1325.9	1307.8	1310.5
27.5°	1364.3	1366.0	1382.5	1412.1	1446.7	1468.1	1445.1	1405.5	1373.1	1352.3	1354.4
30°	1419.3	1424.2	1440.7	1479.7	1520.9	1549.4	1519.2	1472.5	1435.2	1409.9	1412.1
32.5°	1486.3	1489.6	1514.3	1554.9	1614.2	1647.2	1606.0	1550.5	1505.5	1474.7	1476.9
35°	1574.1	1576.9	1600.5	1652.1	1724.1	1754.9	1707.6	1643.9	1591.7	1562.6	1570.9
37.5°	1679.1	1684.0	1701.0	1752.1	1832.3	1862.5	1808.1	1748.8	1694.4	1667.5	1673.6
40°	1791.6	1791.1	1804.8	1849.9	1922.9	1941.6	1892.7	1845.5	1798.8	1781.2	1791.1
42.5°	1888.3	1885.6	1895.5	1932.8	1983.3	1985.0	1952.6	1926.2	1893.3	1881.2	1890.5
45°	1955.9	1957.0	1971.8	1997.6	2023.4	2009.7	1999.8	1995.4	1969.6	1953.1	1954.8
47.5°	2009.2	2013.5	2037.2	2054.7	2058.0	2035.0	2048.7	2055.3	2033.9	2008.6	2001.5
50°	2056.4	2063.5	2094.3	2113.0	2105.8	2076.7	2103.6	2113.5	2066.3	2017.9	2003.7
52.5°	2142.1	2150.3	2187.7	2211.8	2203.6	2174.5	2199.7	2164.6	2084.9	2025.6	2007.5
55°	2278.8	2282.7	2328.3	2367.8	2364.0	2328.3	2307.9	2230.0	2133.3	2071.8	2054.7
57.5°	2249.7	2256.3	2335.4	2440.9	2500.2	2467.8	2348.6	2215.7	2084.4	2010.3	1987.2
60°	1770.2	1786.2	1884.5	2070.1	2287.6	2287.1	2065.7	1859.2	1701.0	1602.7	1592.8
62.5°	1033.7	1044.7	1134.2	1322.0	1517.0	1529.1	1373.7	1232.0	1093.6	1027.1	995.2
65°	489.4	488.8	524.5	609.1	740.9	751.4	704.7	627.2	545.4	522.9	516.8
67.5°	361.4	361.4	358.7	364.7	390.0	395.5	390.0	377.3	369.6	374.6	371.3
70°	313.6	314.2	310.9	309.2	309.2	307.6	309.8	314.7	318.0	324.6	321.3
72.5°	254.3	254.9	254.9	255.4	255.9	253.8	257.0	259.8	260.3	262.5	260.3
75°	180.7	181.8	185.1	187.8	190.0	190.0	191.1	191.7	189.5	192.2	187.8
77.5°	99.4	100.5	106.6	111.5	116.4	117.0	118.6	119.7	118.6	120.8	117.5
80°	54.9	56.0	58.8	61.0	64.8	68.1	70.3	71.4	71.4	73.1	71.4
82.5°	31.3	32.4	34.1	35.2	38.4	41.2	43.4	45.0	45.0	45.6	44.5
85°	14.8	14.8	15.9	17.0	18.7	19.8	22.5	24.2	24.2	25.3	24.2
87.5°	2.2	2.7	3.3	3.3	4.4	5.5	6.6	7.1	8.2	8.8	8.8
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)