

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: P634057

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

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P634057
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-9)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA3B-722-U-5NQ-W-GRSWH
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V NARROW 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: 6945.7 lumens
Efficiency: N/A
Efficacy: 101.7 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

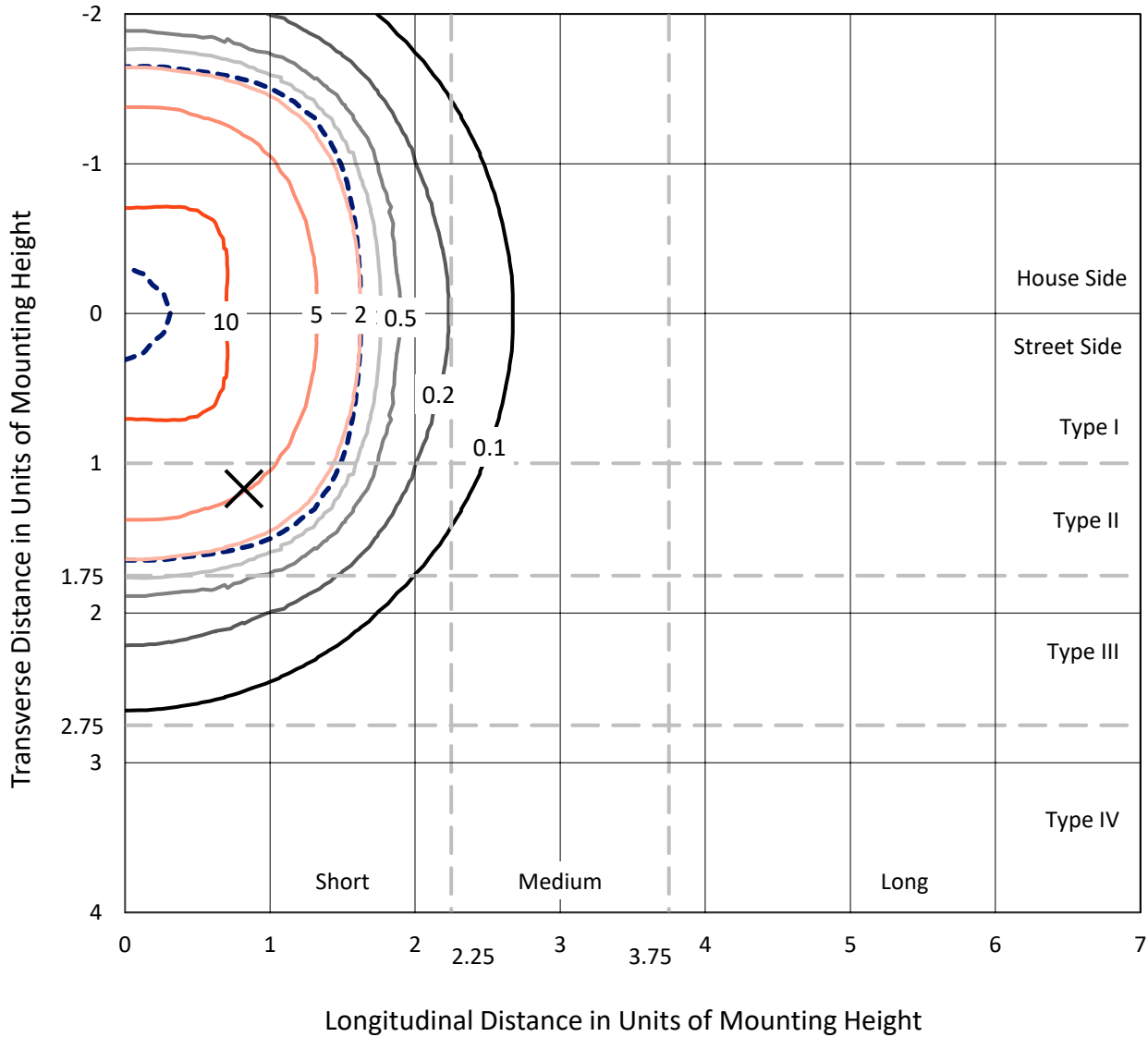
Input Watts (W): 68.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

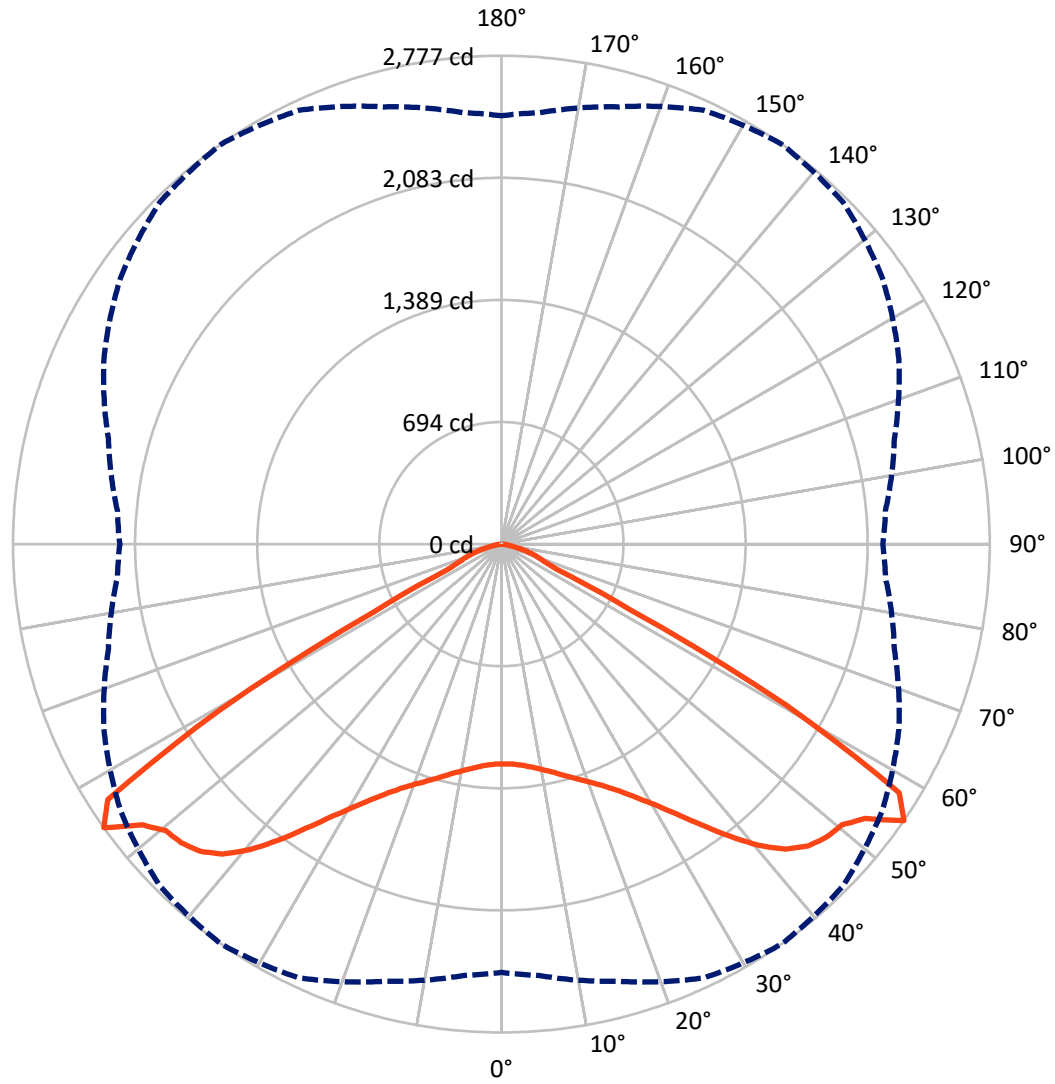
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 12.5 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 35-Deg Lateral - - - Horizontal Cone Through 55-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3472.8	0.0	3472.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3472.8	0.0	3472.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	6945.7	0.0	6945.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.9	1.8
10°-20°	388.0	5.6
20°-30°	718.2	10.3
30°-40°	1201.4	17.3
40°-50°	1830.7	26.4
50°-60°	2050.7	29.5
60°-70°	485.2	7.0
70°-80°	130.8	1.9
80°-90°	18.8	0.3
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°	6945.7	100.0
0°-180°	6945.7	100.0

Coefficient of Utilization



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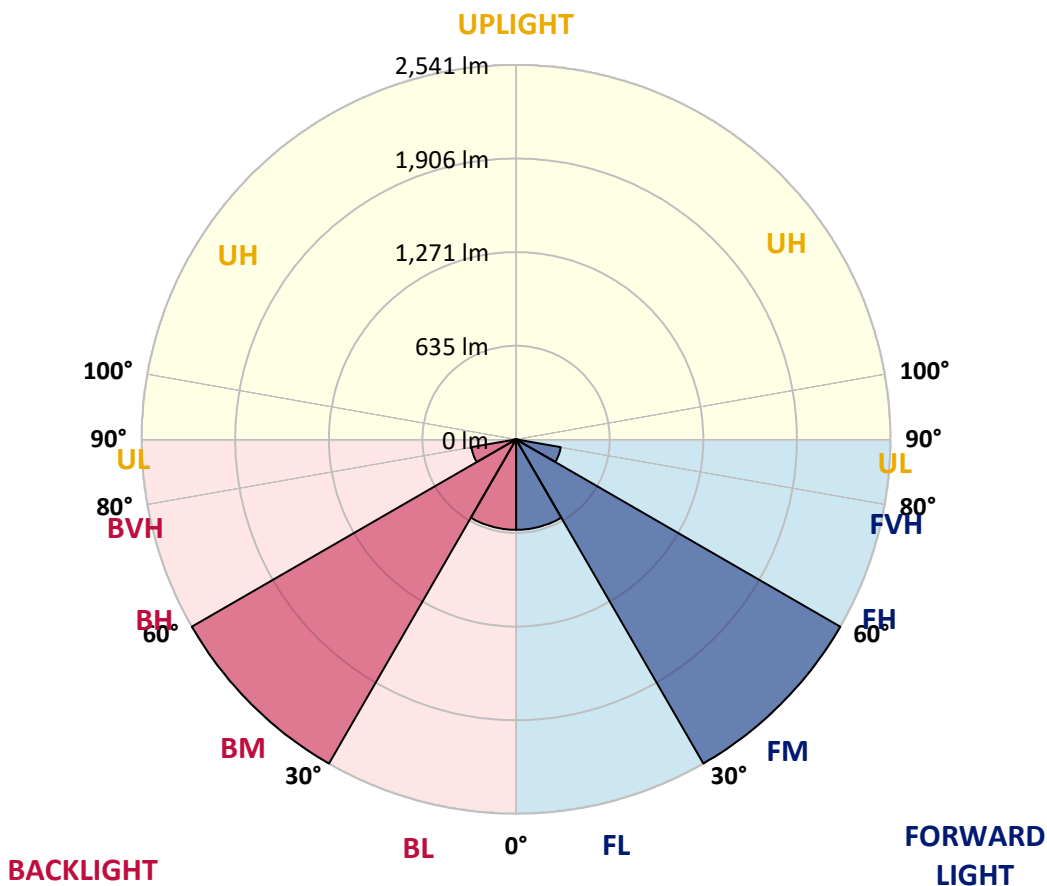
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	614.0	8.8			
FM (30°-60°)	2541.4	36.6			
FH (60°-80°)	308.0	4.4			G0/660
FVH (80°-90°)	9.4	0.1			G0/10
BL (0°-30°)	614.0	8.8	B2/1000		
BM (30°-60°)	2541.4	36.6	B3/5000		
BH (60°-80°)	308.0	4.4	B1/500		G0/660
BVH (80°-90°)	9.4	0.1			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°	1249.6	1249.6	1249.6	1249.6	1249.6	1249.6	1249.6	1249.6	1249.6	1249.6	1249.6
2.5°	1246.8	1246.8	1249.0	1251.7	1252.3	1257.8	1256.7	1254.5	1253.4	1251.2	1256.1
5°	1260.5	1261.1	1262.7	1264.4	1263.3	1267.7	1266.0	1263.3	1261.6	1258.9	1263.8
7.5°	1278.7	1278.7	1280.3	1282.5	1281.4	1288.0	1284.7	1280.9	1278.1	1274.8	1279.2
10°	1295.1	1296.2	1297.9	1302.3	1304.5	1311.6	1309.4	1303.9	1299.5	1295.7	1300.6
12.5°	1319.9	1321.0	1322.6	1328.6	1332.5	1339.6	1336.3	1328.6	1322.1	1316.6	1322.1
15°	1351.7	1350.6	1355.0	1362.7	1367.6	1374.2	1370.4	1357.2	1348.4	1341.3	1346.8
17.5°	1384.1	1383.6	1388.0	1397.8	1405.0	1413.8	1407.2	1391.8	1382.5	1373.7	1379.2
20°	1419.3	1420.9	1425.3	1434.6	1445.1	1456.6	1451.1	1434.6	1424.2	1414.3	1418.7
22.5°	1462.7	1463.2	1468.2	1480.2	1494.0	1505.0	1501.7	1481.3	1468.2	1457.7	1463.2
25°	1514.8	1514.3	1520.9	1535.2	1554.4	1565.4	1558.2	1535.7	1521.4	1509.3	1513.7
27.5°	1574.7	1574.2	1584.0	1602.7	1630.2	1645.6	1630.7	1602.7	1582.9	1565.9	1569.8
30°	1650.0	1648.3	1659.3	1684.6	1720.3	1746.1	1724.1	1685.1	1659.3	1641.2	1645.0
32.5°	1733.4	1735.6	1749.4	1783.4	1828.5	1862.0	1829.0	1785.6	1751.0	1724.7	1729.0
35°	1825.2	1825.2	1853.2	1895.5	1959.7	2004.2	1953.1	1890.5	1844.4	1808.1	1809.2
37.5°	1927.3	1928.4	1965.2	2023.4	2107.5	2159.7	2090.5	2013.0	1957.0	1918.0	1915.8
40°	2052.0	2055.3	2093.2	2158.0	2252.5	2300.3	2226.1	2150.3	2093.2	2047.1	2042.7
42.5°	2192.6	2193.7	2233.8	2292.0	2371.7	2400.2	2342.0	2279.9	2233.3	2191.5	2187.1
45°	2326.6	2323.9	2358.5	2401.9	2448.0	2450.8	2418.4	2393.1	2352.4	2316.7	2310.2
47.5°	2431.0	2428.8	2460.1	2483.7	2489.2	2462.3	2472.7	2476.6	2429.3	2381.0	2368.4
50°	2494.7	2499.1	2528.8	2541.9	2509.5	2465.6	2505.1	2495.3	2427.7	2364.5	2344.2
52.5°	2533.2	2539.7	2591.4	2624.9	2591.4	2549.6	2555.1	2496.9	2399.7	2316.2	2289.8
55°	2435.9	2462.3	2573.8	2722.1	2777.0	2747.9	2643.6	2493.6	2313.5	2192.1	2169.5
57.5°	1805.4	1847.1	2012.5	2333.8	2667.7	2773.7	2468.9	2090.5	1817.5	1661.5	1648.3
60°	921.6	968.3	1100.7	1430.8	1860.3	2009.7	1719.7	1338.5	1063.9	937.6	923.3
62.5°	376.2	383.9	427.3	554.7	822.2	948.6	833.2	585.0	439.4	404.8	405.3
65°	296.0	297.7	295.5	303.2	344.4	382.3	353.2	310.3	302.6	306.5	303.7
67.5°	258.1	258.7	257.1	257.1	258.7	257.1	260.3	262.0	263.1	267.5	264.7
70°	215.9	216.4	216.4	217.5	217.0	214.2	219.2	221.3	221.9	224.6	223.0
72.5°	167.0	168.6	169.7	170.3	169.7	168.1	170.8	174.7	174.1	176.9	174.1
75°	113.1	115.3	116.4	118.6	118.1	118.1	121.4	123.0	121.4	123.6	121.4
77.5°	64.3	65.9	69.2	71.4	73.6	75.2	77.4	78.5	78.0	79.1	78.0
80°	37.3	37.9	40.6	41.7	44.5	47.2	49.4	50.5	51.1	51.6	51.1
82.5°	21.4	22.0	23.1	24.2	26.4	28.6	30.8	32.4	32.4	33.0	32.4
85°	10.4	10.4	11.0	11.5	12.6	14.3	15.9	17.6	18.1	18.1	18.1
87.5°	1.6	1.6	2.2	2.2	2.7	3.3	4.4	5.5	6.0	6.0	6.0
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)