

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: P634056

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

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P634056
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-8)
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-GRSBK
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V NARROW OPTICS W/ FACTORY INSTALLED GLARE SHIELD, BK
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5391.4 lumens
Efficiency: N/A
Efficacy: 78.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G0

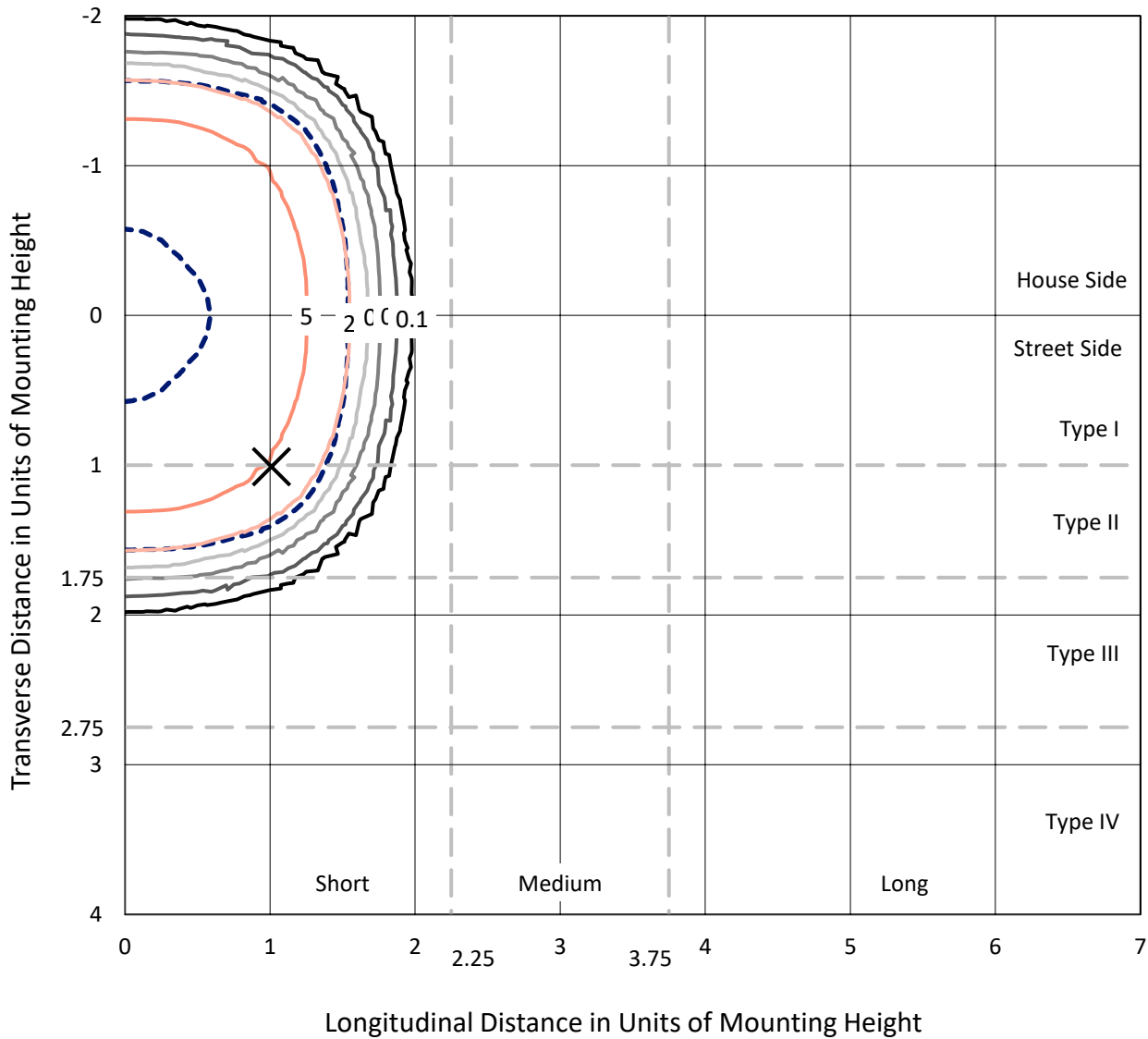
Input Watts (W): 68.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

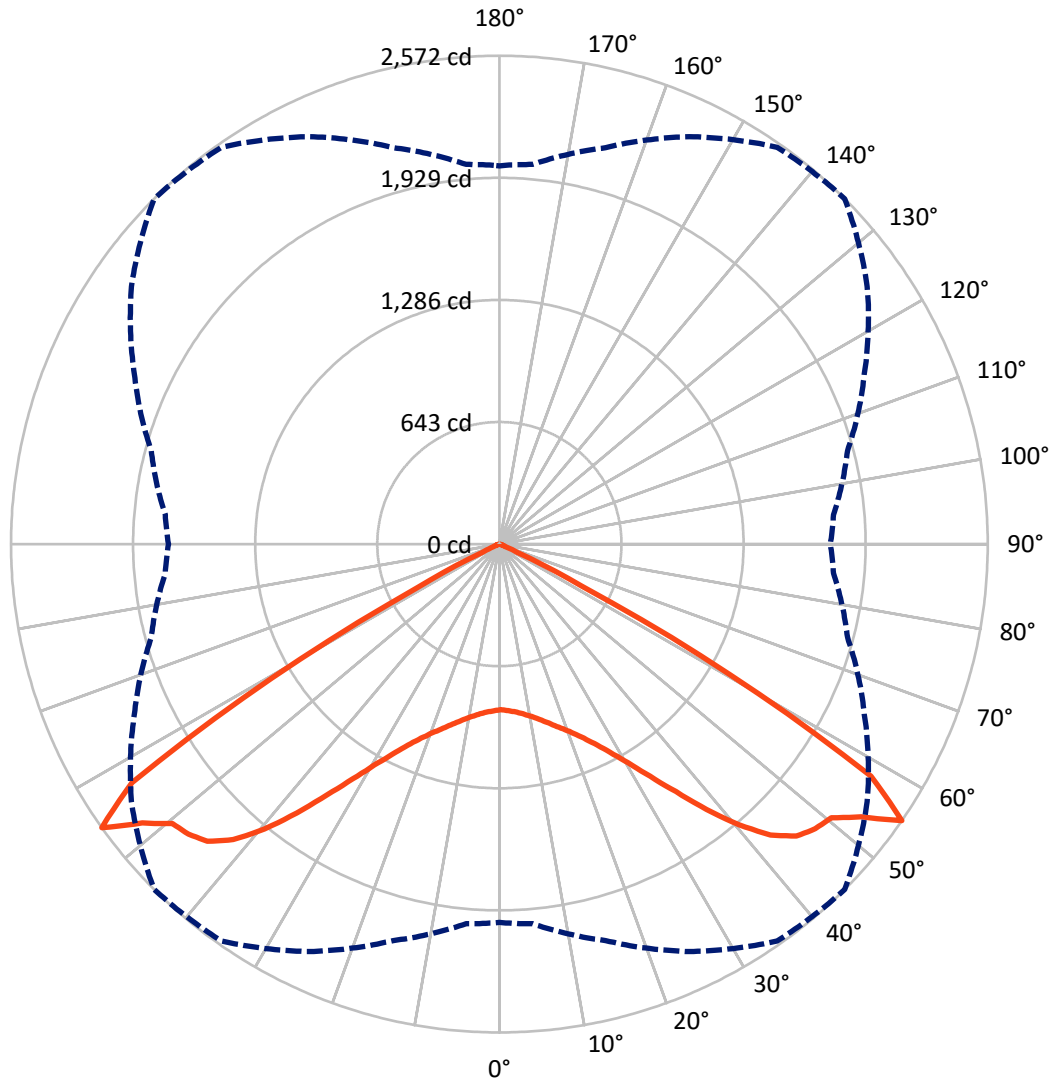
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 8.8 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 55-Deg Vertical

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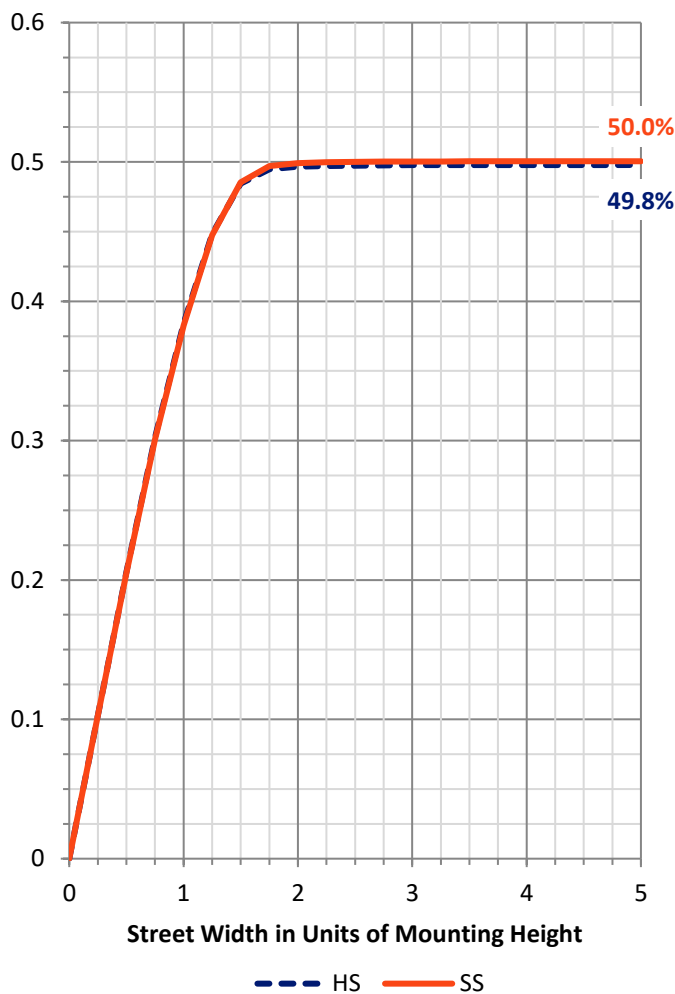
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2695.7	0.0	2695.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2695.7	0.0	2695.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	5391.4	0.0	5391.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.4	1.6
10°-20°	276.8	5.1
20°-30°	536.2	9.9
30°-40°	960.5	17.8
40°-50°	1610.4	29.9
50°-60°	1723.9	32.0
60°-70°	189.4	3.5
70°-80°	8.3	0.2
80°-90°	0.4	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°	5391.4	100.0
0°-180°	5391.4	100.0

Coefficient of Utilization



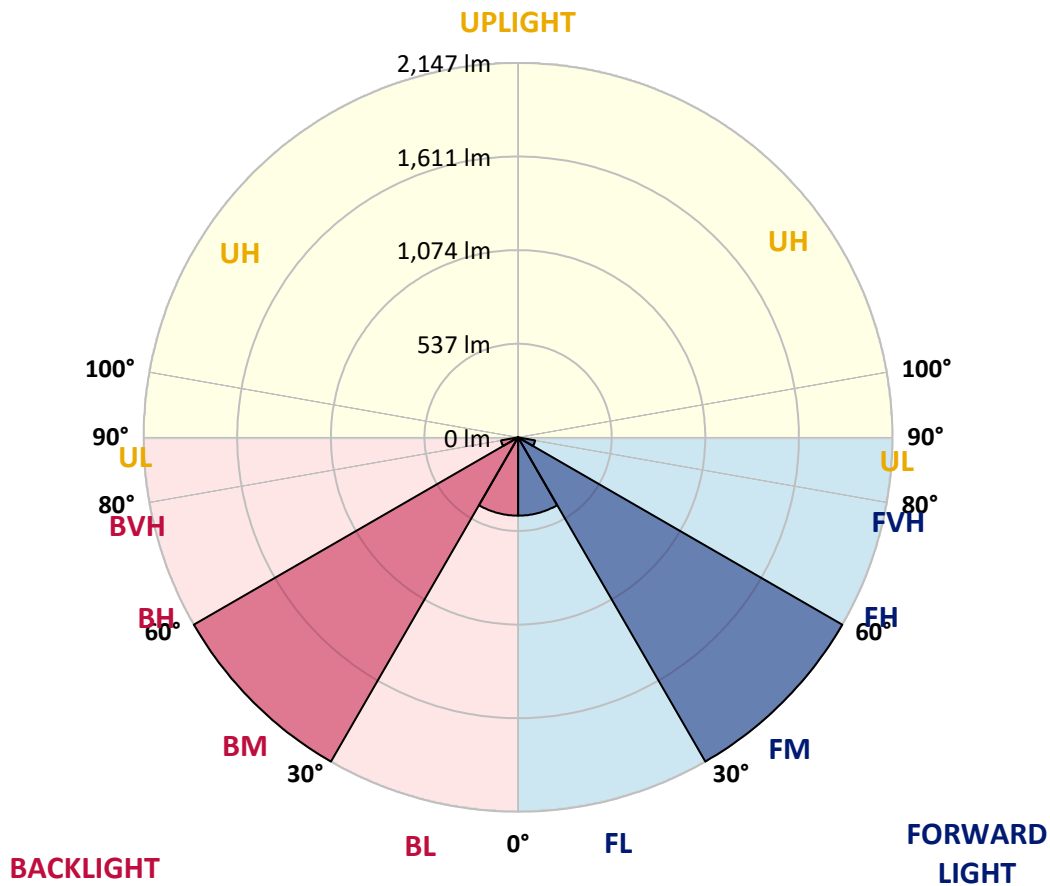
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	449.2	8.3			
FM (30°-60°)	2147.4	39.8			
FH (60°-80°)	98.9	1.8			G0/660
FVH (80°-90°)	0.2	0.0			G0/10
BL (0°-30°)	449.2	8.3	B1/500		
BM (30°-60°)	2147.4	39.8	B2/2500		
BH (60°-80°)	98.9	1.8	B0/110		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: B2-U0-G0
 Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	871.7	871.7	871.7	871.7	871.7	871.7	871.7	871.7	871.7	871.7	871.7
2.5°	870.0	870.0	872.2	873.9	873.9	878.3	876.6	875.0	875.0	872.8	877.2
5°	882.7	882.1	884.3	885.4	883.2	887.6	884.9	883.2	882.1	879.9	884.3
7.5°	896.4	897.0	897.5	899.7	898.6	903.0	900.8	897.5	896.4	893.1	897.5
10°	912.9	912.9	914.0	916.7	917.3	922.8	920.6	916.7	913.4	910.1	914.5
12.5°	933.8	934.3	935.9	939.8	942.0	948.0	944.7	937.0	932.1	928.3	933.2
15°	964.0	963.4	965.6	971.1	973.8	978.2	973.3	962.9	956.8	952.4	955.7
17.5°	996.9	996.9	998.0	1003.5	1007.4	1013.9	1007.9	995.3	989.8	983.7	987.0
20°	1033.2	1034.8	1035.9	1039.8	1046.4	1052.9	1048.0	1035.4	1029.3	1021.6	1025.5
22.5°	1081.0	1079.3	1079.9	1086.4	1095.8	1102.4	1098.5	1083.7	1073.3	1067.2	1069.4
25°	1134.2	1133.7	1135.3	1145.2	1155.7	1162.8	1157.3	1138.1	1127.6	1117.2	1121.6
27.5°	1199.6	1200.1	1201.2	1213.3	1229.8	1240.2	1226.5	1207.3	1193.0	1179.3	1182.6
30°	1277.0	1275.9	1279.2	1295.7	1319.9	1336.4	1320.4	1293.5	1273.2	1260.0	1261.7
32.5°	1359.4	1360.5	1369.3	1395.7	1427.5	1456.7	1424.2	1388.5	1362.2	1337.5	1340.8
35°	1448.4	1451.2	1470.9	1509.9	1562.1	1601.1	1556.1	1497.3	1459.9	1428.1	1429.2
37.5°	1553.3	1559.9	1587.4	1645.6	1720.3	1772.5	1706.6	1628.6	1580.2	1540.7	1537.9
40°	1691.2	1698.9	1736.2	1805.4	1896.1	1943.9	1867.5	1787.3	1727.4	1684.6	1678.0
42.5°	1849.4	1859.3	1899.9	1970.8	2061.4	2093.8	2019.1	1951.5	1897.7	1847.2	1845.0
45°	2027.9	2033.4	2066.3	2120.7	2186.1	2193.8	2137.7	2100.4	2046.0	1998.8	1994.9
47.5°	2195.4	2200.9	2223.4	2251.4	2266.8	2239.4	2229.5	2213.0	2142.7	2084.5	2072.4
50°	2322.8	2327.2	2355.3	2366.2	2323.4	2265.2	2284.4	2249.2	2172.9	2107.5	2088.9
52.5°	2314.1	2325.0	2397.0	2459.6	2432.7	2385.5	2333.8	2258.0	2139.4	2049.9	2026.8
55°	1992.2	2007.0	2161.4	2367.3	2551.3	2571.7	2365.1	2120.7	1897.7	1766.4	1742.8
57.5°	1280.3	1284.2	1472.6	1761.5	2176.2	2306.9	1961.4	1598.9	1321.5	1177.1	1167.2
60°	470.7	463.0	605.3	844.8	1253.4	1391.8	1154.6	808.5	576.7	474.6	466.3
62.5°	113.1	114.2	141.7	212.6	393.3	486.6	384.5	214.8	136.8	114.8	113.7
65°	57.1	56.0	56.6	61.0	84.0	100.5	82.4	58.2	56.0	56.6	56.0
67.5°	36.8	36.3	37.4	37.9	37.4	35.2	34.6	35.7	35.7	36.3	35.2
70°	22.5	22.0	23.1	24.7	23.6	20.9	22.0	23.1	22.0	21.4	21.4
72.5°	12.1	12.1	13.2	14.3	13.2	12.1	12.1	12.6	12.1	12.1	12.1
75°	5.5	5.5	6.0	6.6	5.5	5.5	5.5	5.5	5.5	5.5	5.5
77.5°	1.6	1.6	2.2	2.2	1.6	1.6	1.6	1.6	2.2	2.2	2.2
80°	0.5	1.1	1.1	0.5	0.5	0.5	0.5	0.5	1.1	1.1	1.1
82.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
85°	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.5
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)