

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: P634386

Luminaire Tested: GWS-SA3B-760-U-5NQ-W-GRSBK

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P634386
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-760-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) 5700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7384.4 lumens
Efficiency: N/A
Efficacy: 108.1 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

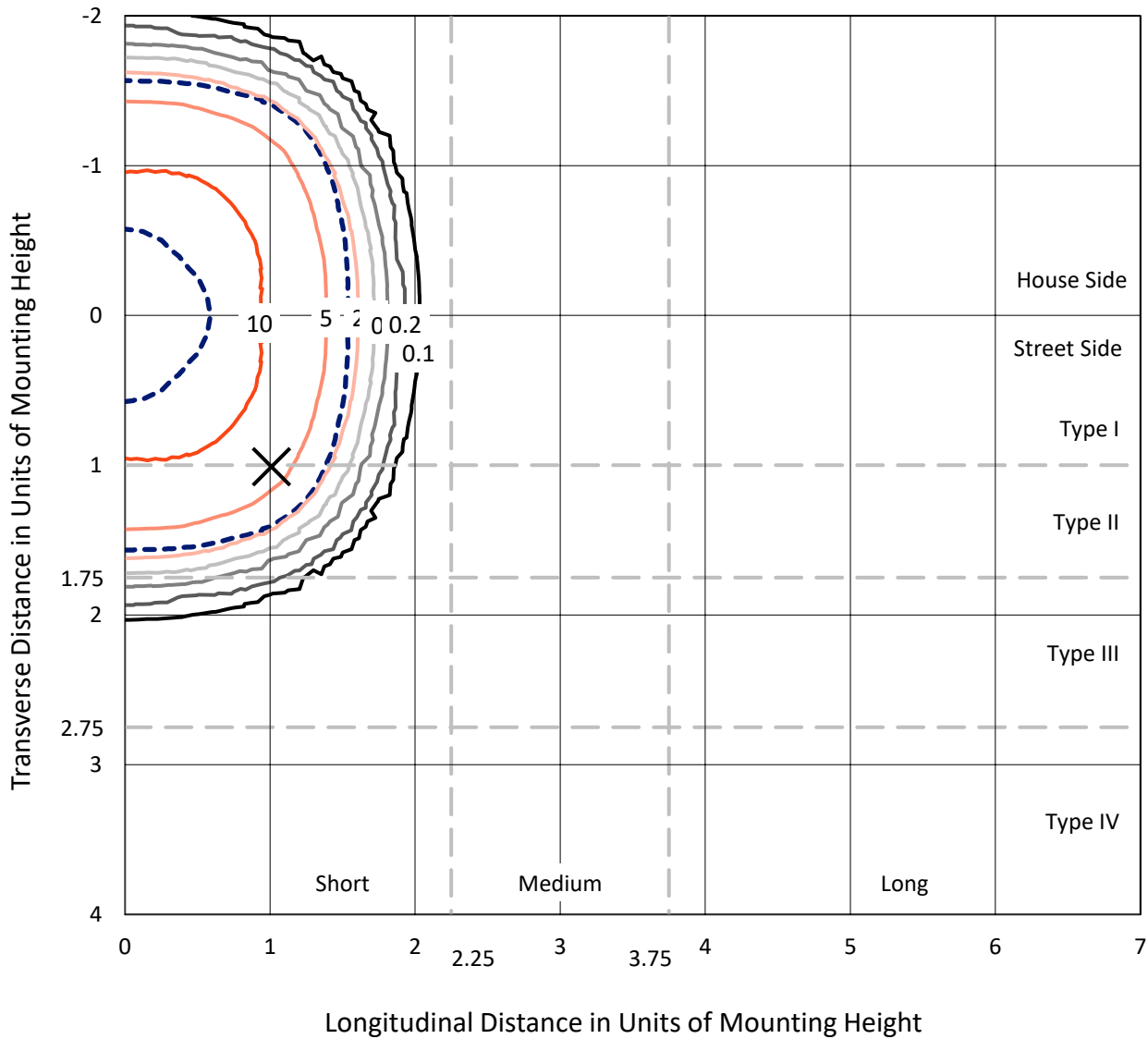
Input Watts (W): 68.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

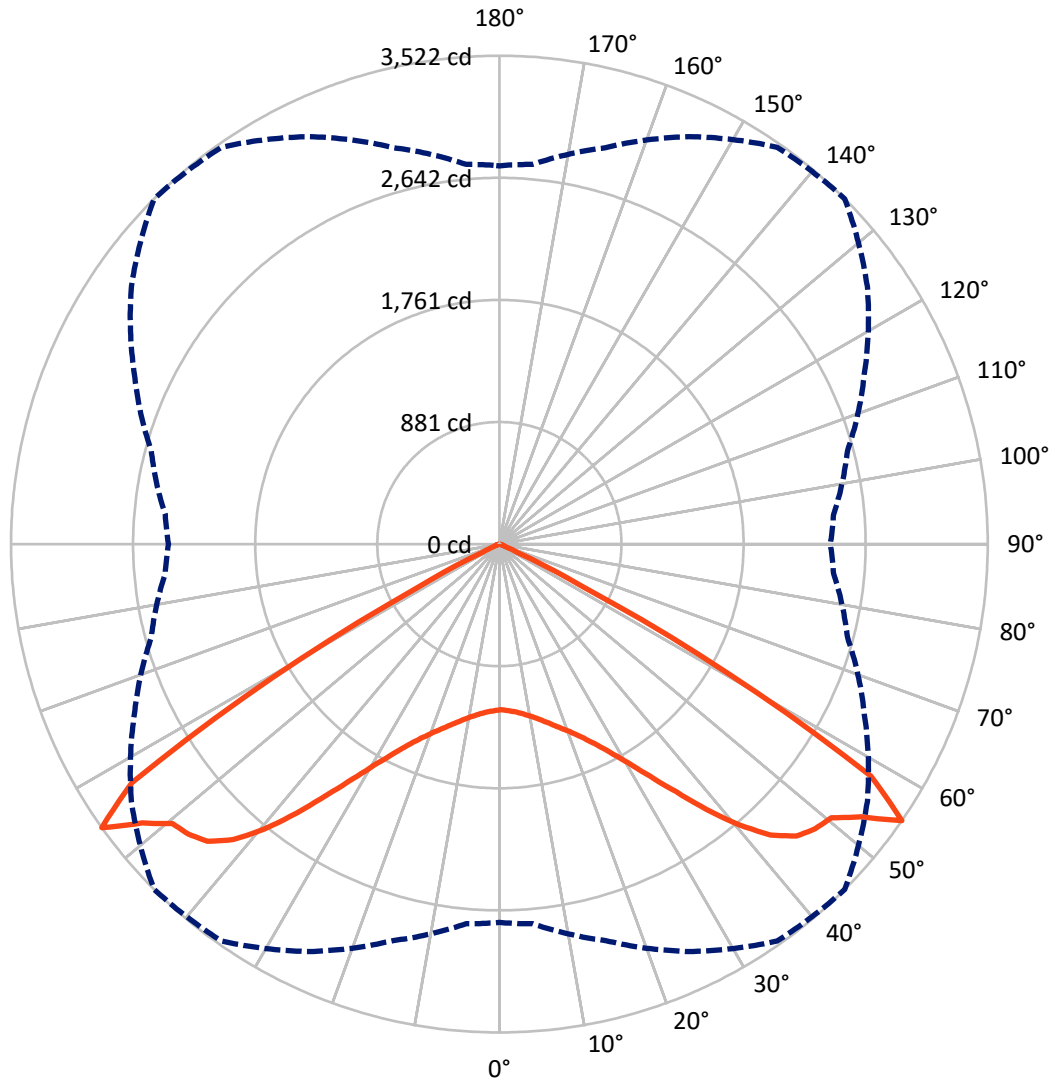
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 12.1 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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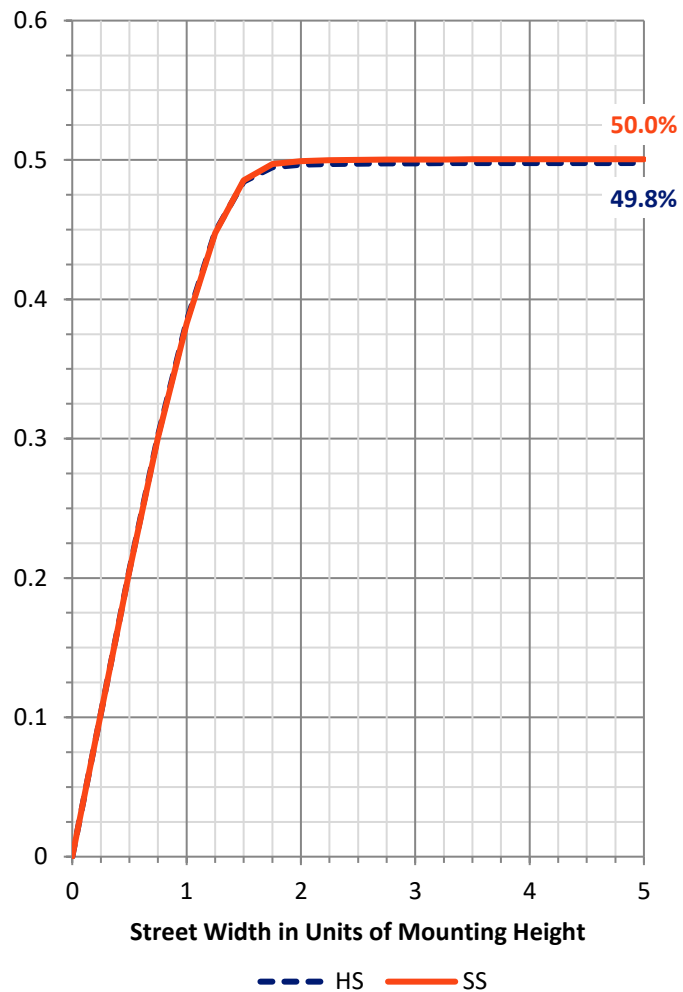
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3692.2	0.0	3692.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3692.2	0.0	3692.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	7384.4	0.0	7384.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	117.0	1.6
10°-20°	379.2	5.1
20°-30°	734.4	9.9
30°-40°	1315.6	17.8
40°-50°	2205.7	29.9
50°-60°	2361.1	32.0
60°-70°	259.5	3.5
70°-80°	11.4	0.2
80°-90°	0.6	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°	7384.4	100.0
0°-180°	7384.4	100.0

Coefficient of Utilization



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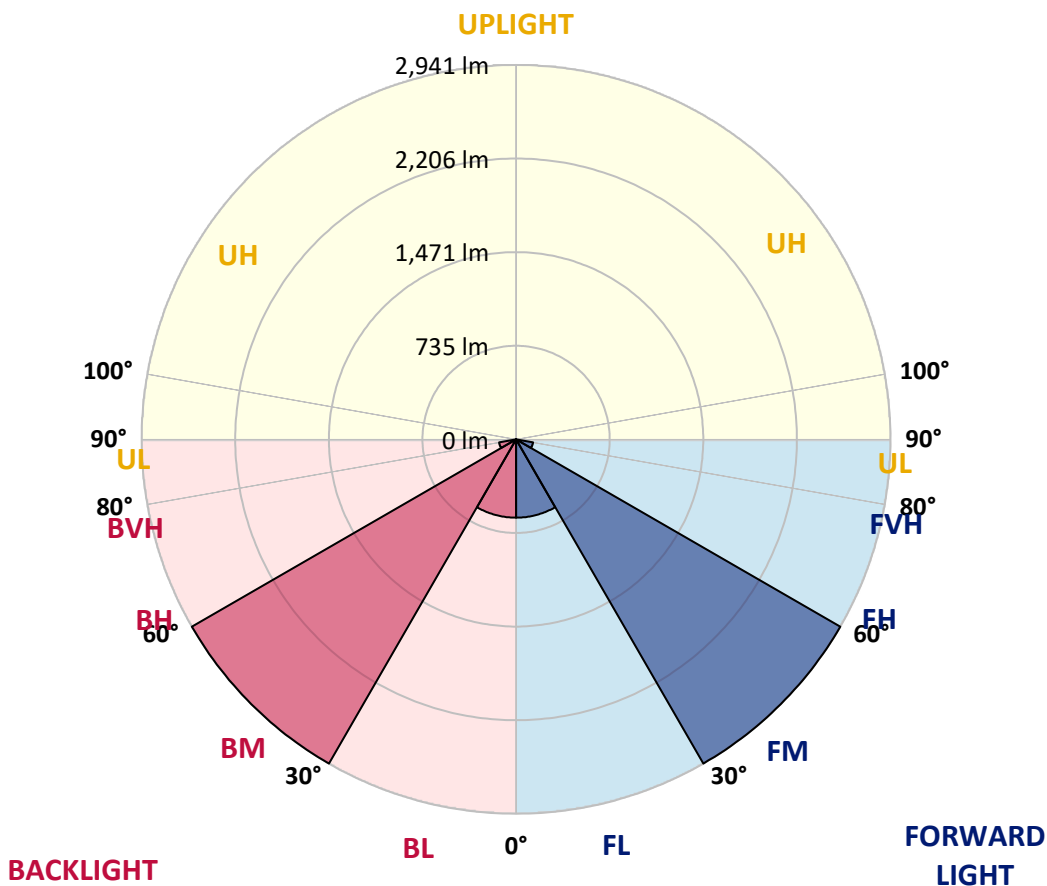
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	615.3	8.3			
FM (30°-60°)	2941.2	39.8			
FH (60°-80°)	135.4	1.8			G0/660
FVH (80°-90°)	0.3	0.0			G0/10
BL (0°-30°)	615.3	8.3	B2/1000		
BM (30°-60°)	2941.2	39.8	B3/5000		
BH (60°-80°)	135.4	1.8	B1/500		G0/660
BVH (80°-90°)	0.3	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°	1193.9	1193.9	1193.9	1193.9	1193.9	1193.9	1193.9	1193.9	1193.9	1193.9	1193.9
2.5°	1191.7	1191.7	1194.7	1196.9	1196.9	1202.9	1200.7	1198.4	1198.4	1195.4	1201.4
5°	1209.0	1208.2	1211.2	1212.7	1209.7	1215.7	1212.0	1209.7	1208.2	1205.2	1211.2
7.5°	1227.8	1228.5	1229.3	1232.3	1230.8	1236.8	1233.8	1229.3	1227.8	1223.3	1229.3
10°	1250.3	1250.3	1251.8	1255.6	1256.4	1263.9	1260.9	1255.6	1251.1	1246.6	1252.6
12.5°	1278.9	1279.7	1281.9	1287.2	1290.2	1298.5	1294.0	1283.4	1276.7	1271.4	1278.2
15°	1320.3	1319.6	1322.6	1330.1	1333.8	1339.9	1333.1	1318.8	1310.5	1304.5	1309.0
17.5°	1365.4	1365.4	1366.9	1374.5	1379.7	1388.8	1380.5	1363.2	1355.7	1347.4	1351.9
20°	1415.1	1417.4	1418.9	1424.1	1433.1	1442.2	1435.4	1418.1	1409.8	1399.3	1404.6
22.5°	1480.5	1478.3	1479.0	1488.1	1500.9	1509.9	1504.6	1484.3	1470.0	1461.7	1464.7
25°	1553.5	1552.8	1555.0	1568.6	1582.9	1592.6	1585.1	1558.8	1544.5	1530.2	1536.2
27.5°	1643.0	1643.8	1645.3	1661.9	1684.4	1698.7	1679.9	1653.6	1634.0	1615.2	1619.7
30°	1749.1	1747.6	1752.1	1774.7	1807.8	1830.4	1808.6	1771.7	1743.9	1725.8	1728.1
32.5°	1862.0	1863.5	1875.5	1911.6	1955.3	1995.1	1950.7	1901.8	1865.7	1831.9	1836.4
35°	1983.8	1987.6	2014.7	2068.1	2139.6	2193.0	2131.3	2050.8	1999.6	1956.0	1957.5
37.5°	2127.5	2136.6	2174.2	2253.9	2356.2	2427.7	2337.4	2230.6	2164.4	2110.2	2106.5
40°	2316.4	2326.9	2378.1	2472.8	2597.0	2662.4	2557.9	2448.0	2366.0	2307.3	2298.3
42.5°	2533.0	2546.6	2602.2	2699.3	2823.4	2867.8	2765.5	2673.0	2599.2	2530.0	2527.0
45°	2777.5	2785.0	2830.2	2904.7	2994.2	3004.7	2928.0	2876.8	2802.4	2737.7	2732.4
47.5°	3007.0	3014.5	3045.3	3083.7	3104.8	3067.2	3053.6	3031.1	2934.8	2855.0	2838.5
50°	3181.5	3187.5	3225.9	3240.9	3182.3	3102.5	3128.9	3080.7	2976.1	2886.6	2861.0
52.5°	3169.5	3184.5	3283.1	3368.8	3332.0	3267.3	3196.6	3092.7	2930.2	2807.6	2776.0
55°	2728.6	2748.9	2960.3	3242.5	3494.5	3522.3	3239.4	2904.7	2599.2	2419.4	2387.1
57.5°	1753.6	1758.9	2016.9	2412.7	2980.7	3159.7	2686.5	2190.0	1810.1	1612.2	1598.7
60°	644.7	634.2	829.0	1157.1	1716.8	1906.4	1581.4	1107.4	789.9	650.0	638.7
62.5°	155.0	156.5	194.1	291.1	538.7	666.5	526.6	294.2	187.3	157.2	155.7
65°	78.2	76.7	77.5	83.5	115.1	137.7	112.8	79.7	76.7	77.5	76.7
67.5°	50.4	49.7	51.2	51.9	51.2	48.1	47.4	48.9	48.9	49.7	48.1
70°	30.8	30.1	31.6	33.9	32.3	28.6	30.1	31.6	30.1	29.3	29.3
72.5°	16.6	16.6	18.1	19.6	18.1	16.6	16.6	17.3	16.6	16.6	16.6
75°	7.5	7.5	8.3	9.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5
77.5°	2.3	2.3	3.0	3.0	2.3	2.3	2.3	2.3	3.0	3.0	3.0
80°	0.8	1.5	1.5	0.8	0.8	0.8	0.8	0.8	1.5	1.5	1.5
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
85°	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.8	0.8	0.8	0.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.8	0.8
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)