

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: P634384

Luminaire Tested: GWS-SA3B-760-U-5MQ-W-GRSWH

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P634384
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-760-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) 5700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9188.4 lumens
Efficiency: N/A
Efficacy: 134.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

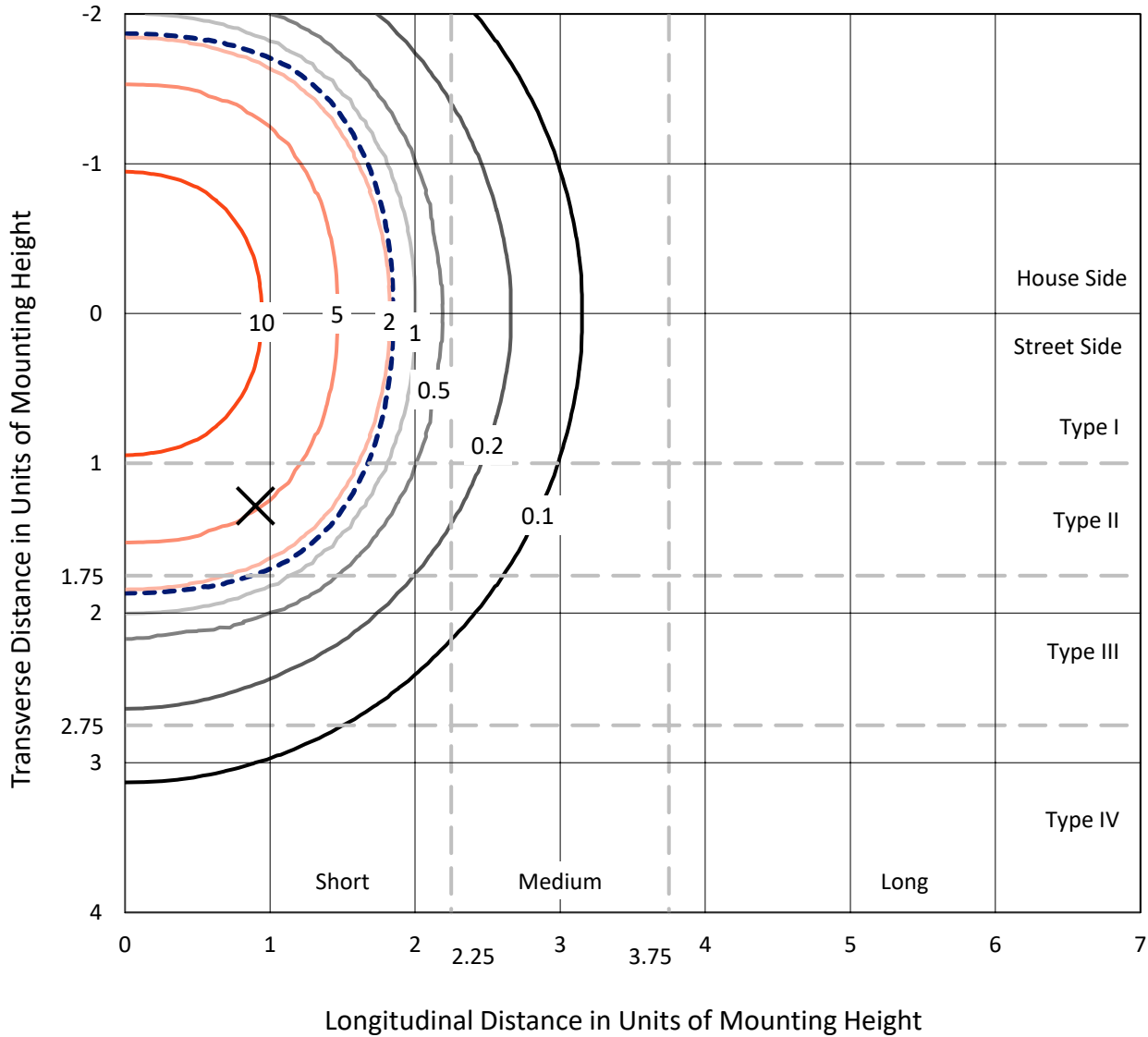
Input Watts (W): 68.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P634384
 CATALOG NUMBER: GWS-SA3B-760-U-5MQ-W-GRSWH

Iso-Footcandle Lines of Horizontal Illumination

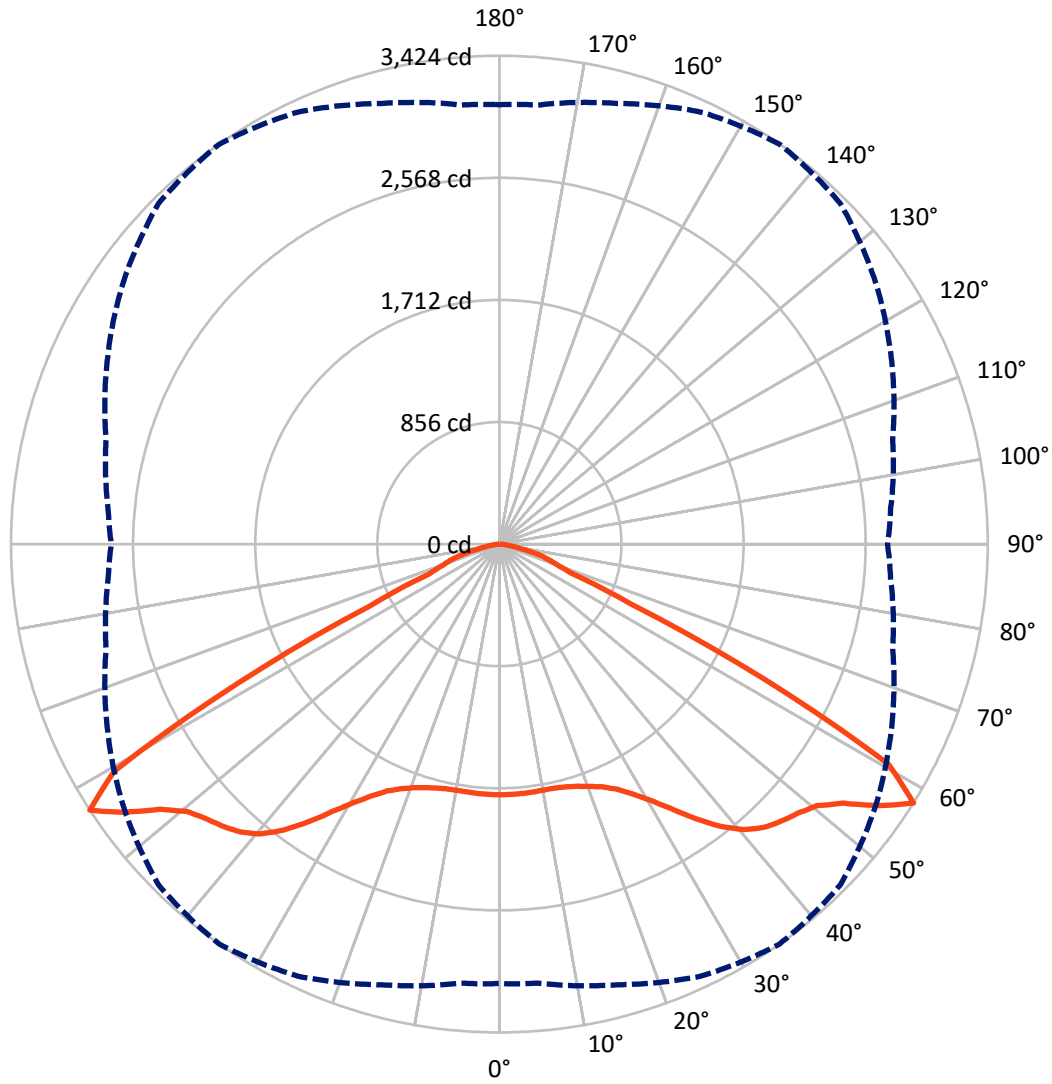
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 17.6 fc
 Type V - Short - N/A

REPORT NUMBER: P634384
CATALOG NUMBER: GWS-SA3B-760-U-5MQ-W-GRSWH

Luminous Intensity Polar Plot



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

REPORT NUMBER: P634384

CATALOG NUMBER: GWS-SA3B-760-U-5MQ-W-GRSWH

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4594.2	0.0	4594.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4594.2	0.0	4594.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	9188.4	0.0	9188.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	167.3	1.8
10°-20°	499.0	5.4
20°-30°	870.7	9.5
30°-40°	1427.7	15.5
40°-50°	2102.7	22.9
50°-60°	2683.4	29.2
60°-70°	1130.9	12.3
70°-80°	270.1	2.9
80°-90°	36.8	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°	9188.4	100.0
0°-180°	9188.4	100.0

Coefficient of Utilization



REPORT NUMBER: P634384

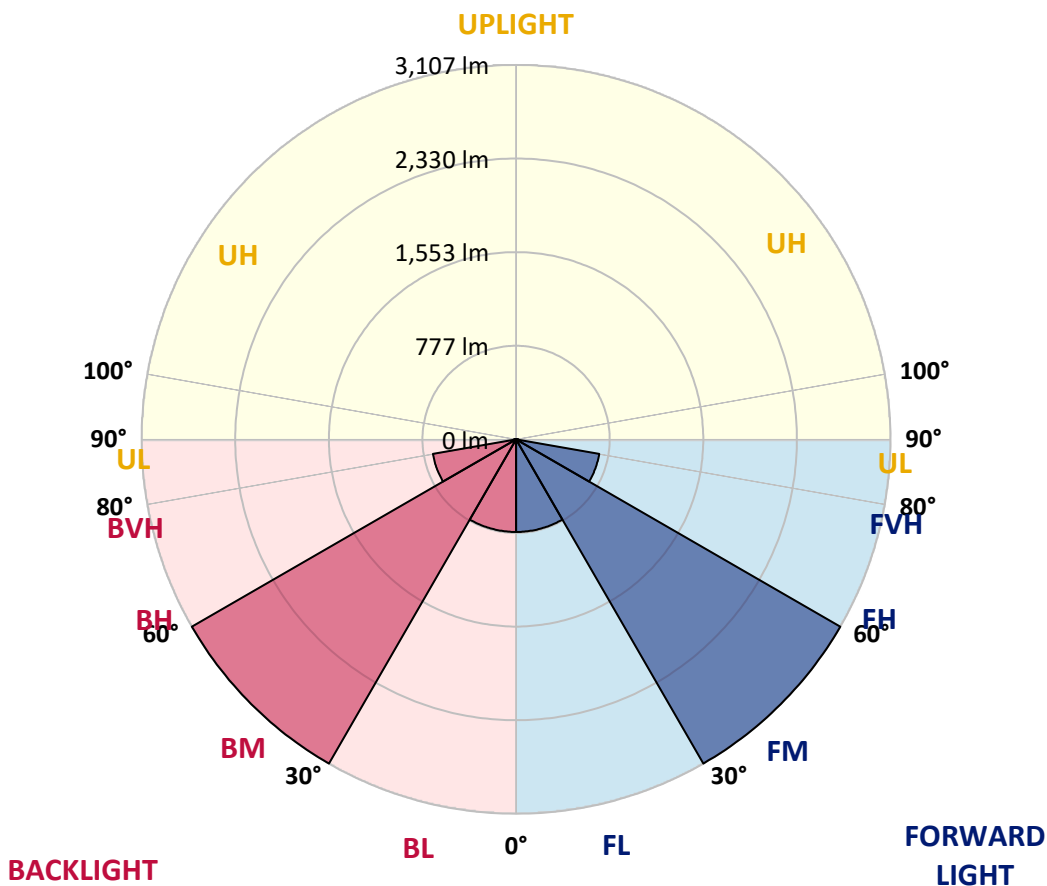
CATALOG NUMBER: GWS-SA3B-760-U-5MQ-W-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	768.5	8.4			
FM (30°-60°)	3106.8	33.8			
FH (60°-80°)	700.5	7.6			G1/1800
FVH (80°-90°)	18.4	0.2			G1/100
BL (0°-30°)	768.5	8.4	B2/1000		
BM (30°-60°)	3106.8	33.8	B3/5000		
BH (60°-80°)	700.5	7.6	B2/1000		G1/1800
BVH (80°-90°)	18.4	0.2			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1

Type V Short





REPORT NUMBER: P634384

CATALOG NUMBER: GWS-SA3B-760-U-5MQ-W-GRSWH

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1758.1	1758.1	1758.1	1758.1	1758.1	1758.1	1758.1	1758.1	1758.1	1758.1	1758.1
2.5°	1747.6	1747.6	1751.3	1755.1	1756.6	1763.4	1762.6	1760.4	1758.8	1754.3	1760.4
5°	1751.3	1751.3	1754.3	1756.6	1755.8	1761.1	1758.8	1755.1	1752.8	1748.3	1755.1
7.5°	1750.6	1750.6	1752.8	1755.1	1753.6	1758.1	1754.3	1749.1	1745.3	1740.8	1746.8
10°	1740.8	1742.3	1744.6	1749.8	1752.1	1758.8	1753.6	1745.3	1739.3	1734.0	1740.0
12.5°	1739.3	1740.8	1743.8	1750.6	1754.3	1764.1	1757.3	1743.8	1734.8	1728.0	1734.0
15°	1746.1	1747.6	1752.1	1760.4	1766.4	1776.9	1767.1	1748.3	1735.5	1726.5	1731.8
17.5°	1754.3	1756.6	1763.4	1775.4	1785.2	1796.5	1784.4	1761.9	1743.8	1731.8	1736.3
20°	1763.4	1766.4	1776.9	1795.0	1813.0	1827.3	1812.3	1782.2	1760.4	1744.6	1749.1
22.5°	1779.2	1782.9	1796.5	1822.0	1849.1	1870.2	1851.4	1810.8	1782.2	1761.9	1765.6
25°	1811.5	1816.0	1833.3	1864.2	1902.5	1928.1	1901.8	1855.9	1816.0	1791.2	1795.0
27.5°	1868.7	1870.9	1893.5	1934.1	1981.5	2010.9	1979.3	1925.1	1880.7	1852.1	1855.1
30°	1943.9	1950.7	1973.2	2026.7	2083.1	2122.2	2080.8	2016.9	1965.7	1931.1	1934.1
32.5°	2035.7	2040.2	2074.1	2129.7	2211.0	2256.1	2199.7	2123.7	2062.0	2019.9	2022.9
35°	2156.1	2159.8	2192.2	2262.9	2361.4	2403.6	2338.9	2251.6	2180.1	2140.3	2151.5
37.5°	2299.7	2306.5	2329.8	2399.8	2509.6	2551.0	2476.5	2395.3	2320.8	2283.9	2292.2
40°	2454.0	2453.2	2472.0	2533.7	2633.8	2659.3	2592.4	2527.7	2463.7	2439.7	2453.2
42.5°	2586.4	2582.6	2596.1	2647.3	2716.5	2718.8	2674.4	2638.3	2593.1	2576.6	2589.4
45°	2678.9	2680.4	2700.7	2736.1	2771.4	2752.6	2739.1	2733.1	2697.7	2675.1	2677.4
47.5°	2751.9	2757.9	2790.2	2814.3	2818.8	2787.2	2806.0	2815.1	2785.7	2751.1	2741.3
50°	2816.6	2826.3	2868.5	2894.0	2884.3	2844.4	2881.3	2894.8	2830.1	2763.9	2744.3
52.5°	2933.9	2945.2	2996.4	3029.5	3018.2	2978.3	3012.9	2964.8	2855.7	2774.4	2749.6
55°	3121.2	3126.5	3188.9	3243.1	3237.8	3188.9	3161.1	3054.3	2921.9	2837.6	2814.3
57.5°	3081.4	3090.4	3198.7	3343.2	3424.4	3380.0	3216.8	3034.7	2854.9	2753.4	2721.8
60°	2424.6	2446.4	2581.1	2835.4	3133.3	3132.5	2829.4	2546.5	2329.8	2195.2	2181.6
62.5°	1415.8	1430.9	1553.5	1810.8	2077.8	2094.4	1881.5	1687.4	1497.8	1406.8	1363.1
65°	670.3	669.5	718.4	834.3	1014.8	1029.1	965.2	859.1	747.0	716.2	707.9
67.5°	495.0	495.0	491.2	499.5	534.1	541.6	534.1	516.8	506.3	513.1	508.5
70°	429.6	430.3	425.8	423.5	423.5	421.3	424.3	431.1	435.6	444.6	440.1
72.5°	348.3	349.1	349.1	349.8	350.6	347.6	352.1	355.8	356.6	359.6	356.6
75°	247.5	249.0	253.5	257.3	260.3	260.3	261.8	262.5	259.5	263.3	257.3
77.5°	136.2	137.7	145.9	152.7	159.5	160.2	162.5	164.0	162.5	165.5	161.0
80°	75.2	76.7	80.5	83.5	88.8	93.3	96.3	97.8	97.8	100.1	97.8
82.5°	42.9	44.4	46.6	48.1	52.7	56.4	59.4	61.7	61.7	62.4	60.9
85°	20.3	20.3	21.8	23.3	25.6	27.1	30.8	33.1	33.1	34.6	33.1
87.5°	3.0	3.8	4.5	4.5	6.0	7.5	9.0	9.8	11.3	12.0	12.0
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)