

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: P634329

Luminaire Tested: GWS-SA3B-750-U-5MQ-W-GRSWH

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P634329
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-750-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) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9316.1 lumens
Efficiency: N/A
Efficacy: 136.4 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

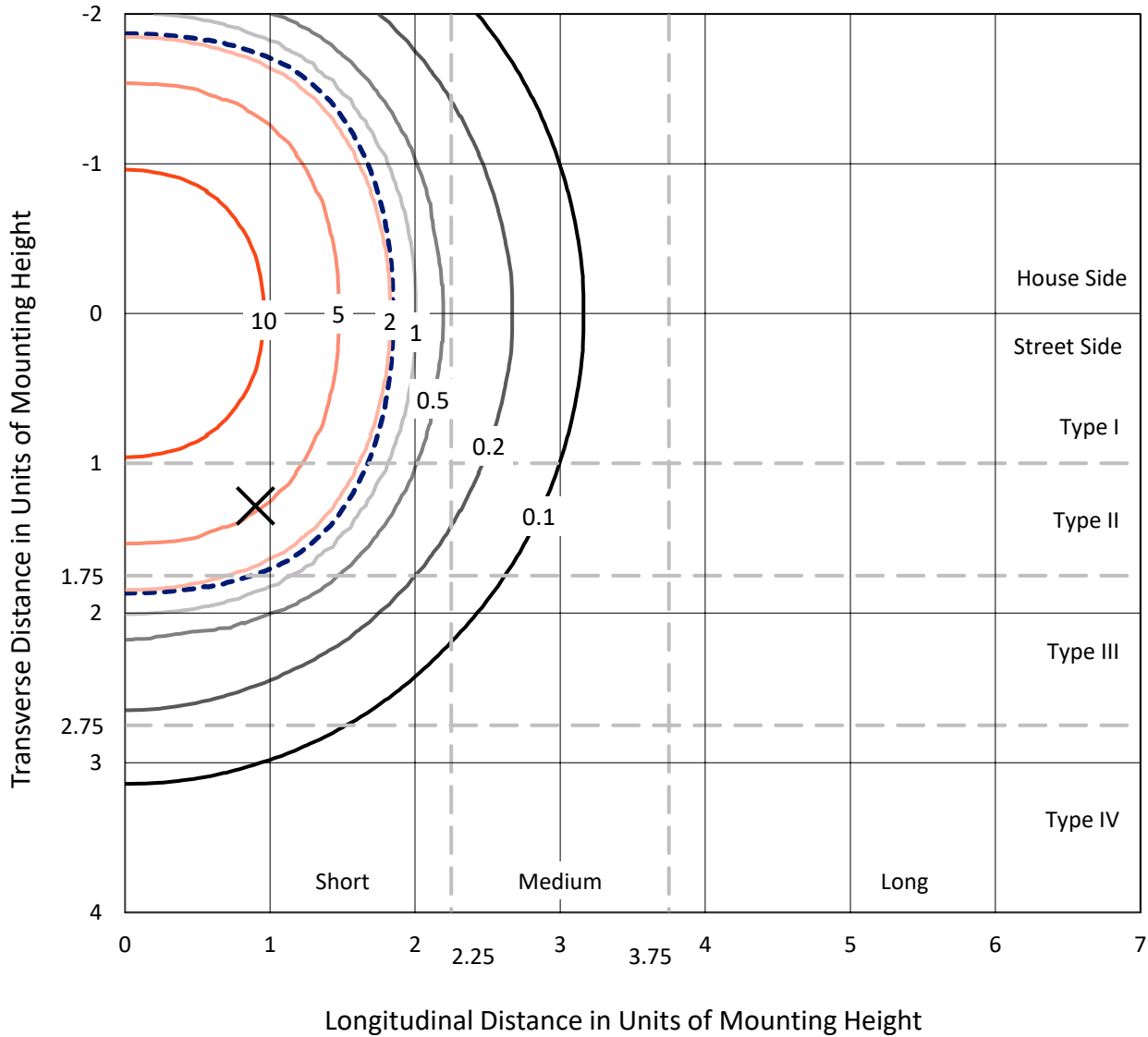
Input Watts (W): 68.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

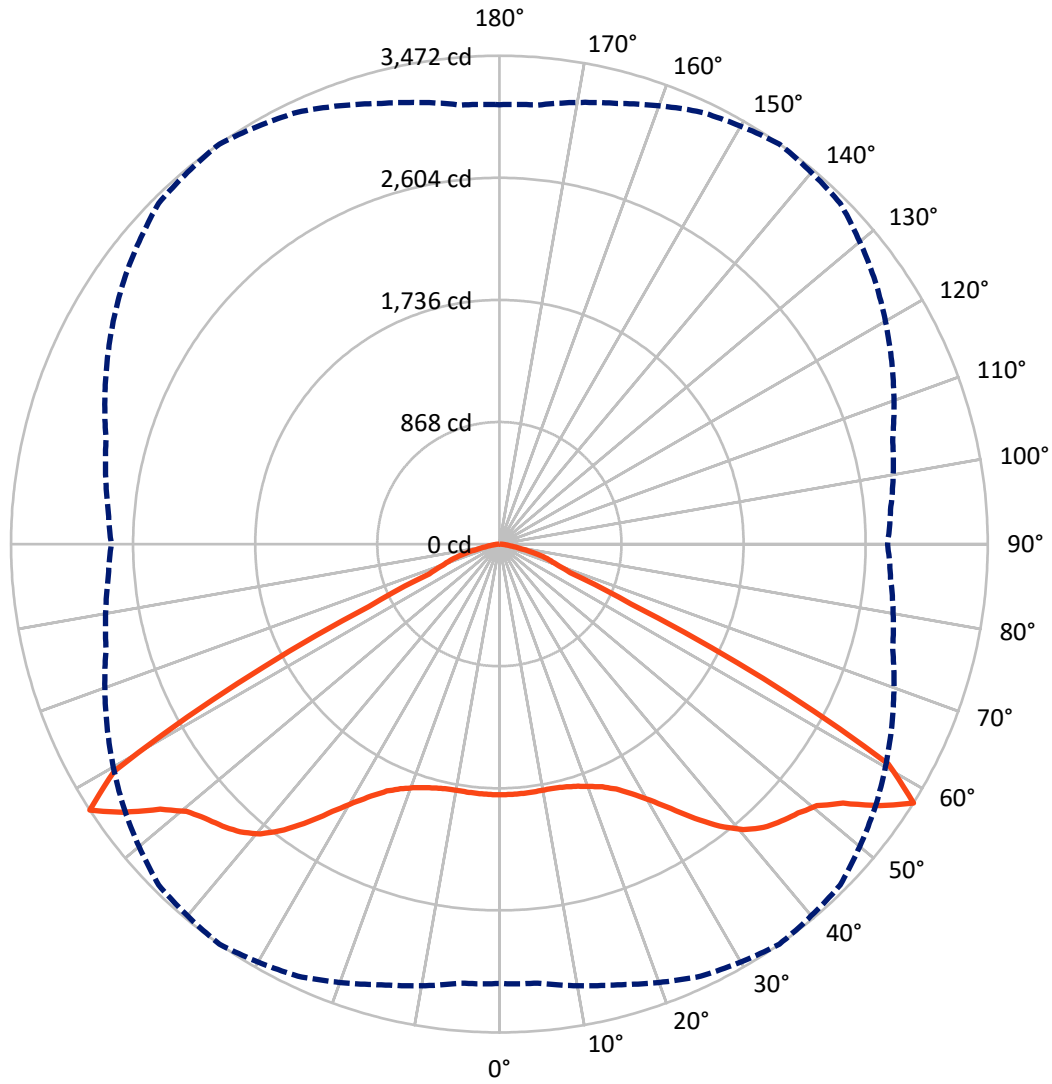
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 17.8 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	4658.0	0.0	4658.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4658.0	0.0	4658.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	9316.1	0.0	9316.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	169.6	1.8
10°-20°	505.9	5.4
20°-30°	882.8	9.5
30°-40°	1447.5	15.5
40°-50°	2131.9	22.9
50°-60°	2720.6	29.2
60°-70°	1146.6	12.3
70°-80°	273.9	2.9
80°-90°	37.3	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°	9316.1	100.0
0°-180°	9316.1	100.0

Coefficient of Utilization



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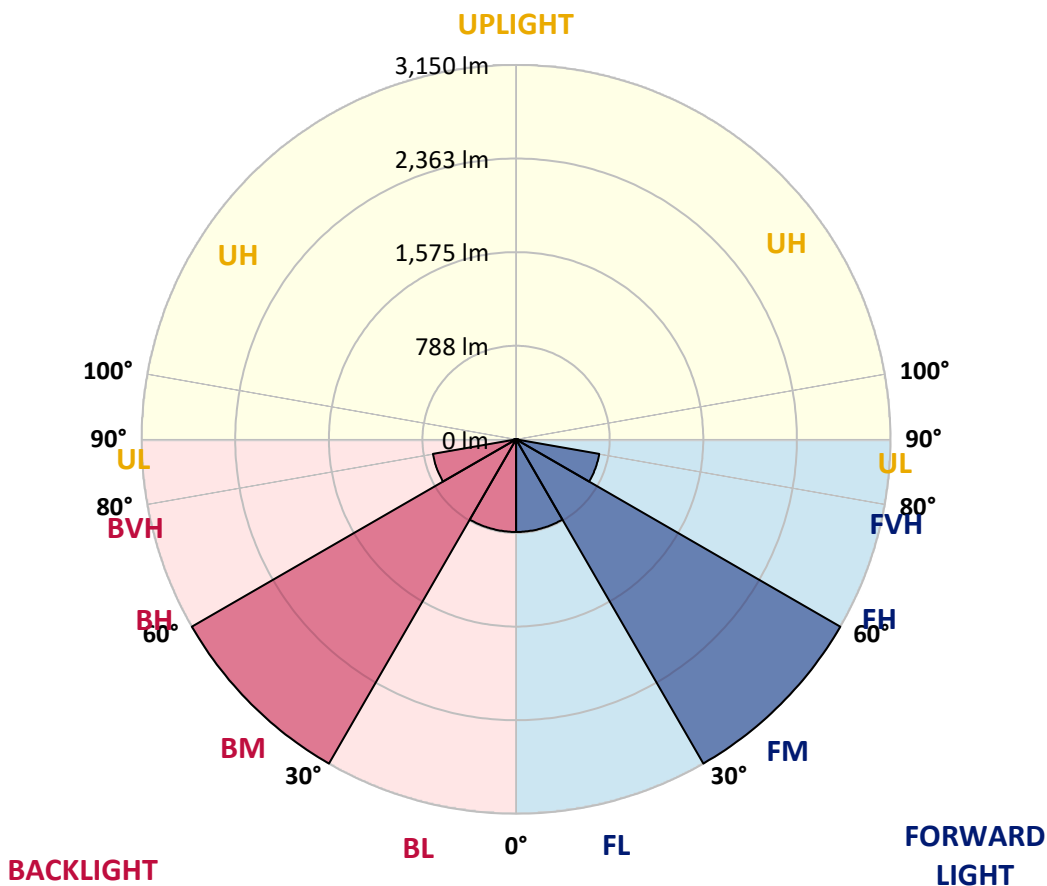
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	779.1	8.4			
FM (30°-60°)	3150.0	33.8			
FH (60°-80°)	710.2	7.6			G1/1800
FVH (80°-90°)	18.6	0.2			G1/100
BL (0°-30°)	779.1	8.4	B2/1000		
BM (30°-60°)	3150.0	33.8	B3/5000		
BH (60°-80°)	710.2	7.6	B2/1000		G1/1800
BVH (80°-90°)	18.6	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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5
2.5°	1771.9	1771.9	1775.7	1779.5	1781.0	1787.9	1787.1	1784.8	1783.3	1778.7	1784.8
5°	1775.7	1775.7	1778.7	1781.0	1780.2	1785.6	1783.3	1779.5	1777.2	1772.6	1779.5
7.5°	1774.9	1774.9	1777.2	1779.5	1778.0	1782.5	1778.7	1773.4	1769.6	1765.0	1771.1
10°	1765.0	1766.5	1768.8	1774.1	1776.4	1783.3	1778.0	1769.6	1763.5	1758.1	1764.2
12.5°	1763.5	1765.0	1768.0	1774.9	1778.7	1788.6	1781.8	1768.0	1758.9	1752.0	1758.1
15°	1770.3	1771.9	1776.4	1784.8	1790.9	1801.6	1791.7	1772.6	1759.6	1750.5	1755.8
17.5°	1778.7	1781.0	1787.9	1800.1	1810.0	1821.4	1809.2	1786.3	1768.0	1755.8	1760.4
20°	1787.9	1790.9	1801.6	1819.9	1838.2	1852.7	1837.4	1806.9	1784.8	1768.8	1773.4
22.5°	1803.9	1807.7	1821.4	1847.4	1874.8	1896.2	1877.1	1835.9	1806.9	1786.3	1790.2
25°	1836.7	1841.3	1858.8	1890.1	1929.0	1954.9	1928.2	1881.7	1841.3	1816.1	1819.9
27.5°	1894.7	1896.9	1919.8	1961.0	2009.1	2038.8	2006.8	1951.9	1906.9	1877.9	1880.9
30°	1970.9	1977.8	2000.7	2054.8	2112.0	2151.7	2109.7	2044.9	1993.0	1958.0	1961.0
32.5°	2064.0	2068.6	2102.9	2159.3	2241.7	2287.5	2230.3	2153.2	2090.7	2048.0	2051.0
35°	2186.0	2189.8	2222.6	2294.3	2394.2	2437.0	2371.4	2282.9	2210.4	2170.0	2181.4
37.5°	2331.7	2338.6	2362.2	2433.1	2544.5	2586.5	2510.9	2428.6	2353.1	2315.7	2324.1
40°	2488.1	2487.3	2506.4	2568.9	2670.4	2696.3	2628.4	2562.8	2498.0	2473.6	2487.3
42.5°	2622.3	2618.5	2632.2	2684.1	2754.3	2756.6	2711.5	2674.9	2629.2	2612.4	2625.4
45°	2716.1	2717.7	2738.2	2774.1	2809.9	2790.9	2777.1	2771.0	2735.2	2712.3	2714.6
47.5°	2790.1	2796.2	2829.0	2853.4	2858.0	2826.0	2845.0	2854.2	2824.4	2789.3	2779.4
50°	2855.7	2865.6	2908.3	2934.3	2924.4	2883.9	2921.3	2935.0	2869.4	2802.3	2782.5
52.5°	2974.7	2986.1	3038.0	3071.6	3060.1	3019.7	3054.8	3006.0	2895.4	2813.0	2787.8
55°	3164.6	3170.0	3233.3	3288.2	3282.8	3233.3	3205.0	3096.7	2962.5	2877.1	2853.4
57.5°	3124.2	3133.3	3243.2	3389.6	3472.0	3427.0	3261.5	3076.9	2894.6	2791.6	2759.6
60°	2458.3	2480.4	2617.0	2874.8	3176.8	3176.1	2868.7	2581.9	2362.2	2225.7	2212.0
62.5°	1435.5	1450.7	1575.1	1835.9	2106.7	2123.5	1907.6	1710.8	1518.6	1426.3	1382.1
65°	679.6	678.8	728.4	845.9	1028.9	1043.4	978.6	871.1	757.4	726.1	717.7
67.5°	501.9	501.9	498.1	506.5	541.5	549.2	541.5	524.0	513.3	520.2	515.6
70°	435.5	436.3	431.7	429.4	429.4	427.1	430.2	437.1	441.6	450.8	446.2
72.5°	353.1	353.9	353.9	354.7	355.4	352.4	357.0	360.8	361.5	364.6	361.5
75°	250.9	252.5	257.0	260.9	263.9	263.9	265.4	266.2	263.1	267.0	260.9
77.5°	138.1	139.6	148.0	154.8	161.7	162.5	164.8	166.3	164.8	167.8	163.2
80°	76.3	77.8	81.6	84.7	90.0	94.6	97.6	99.2	99.2	101.4	99.2
82.5°	43.5	45.0	47.3	48.8	53.4	57.2	60.3	62.5	62.5	63.3	61.8
85°	20.6	20.6	22.1	23.6	25.9	27.5	31.3	33.6	33.6	35.1	33.6
87.5°	3.1	3.8	4.6	4.6	6.1	7.6	9.2	9.9	11.4	12.2	12.2
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)