

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: P634332

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

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P634332
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-750-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) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9645.6 lumens
Efficiency: N/A
Efficacy: 141.2 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

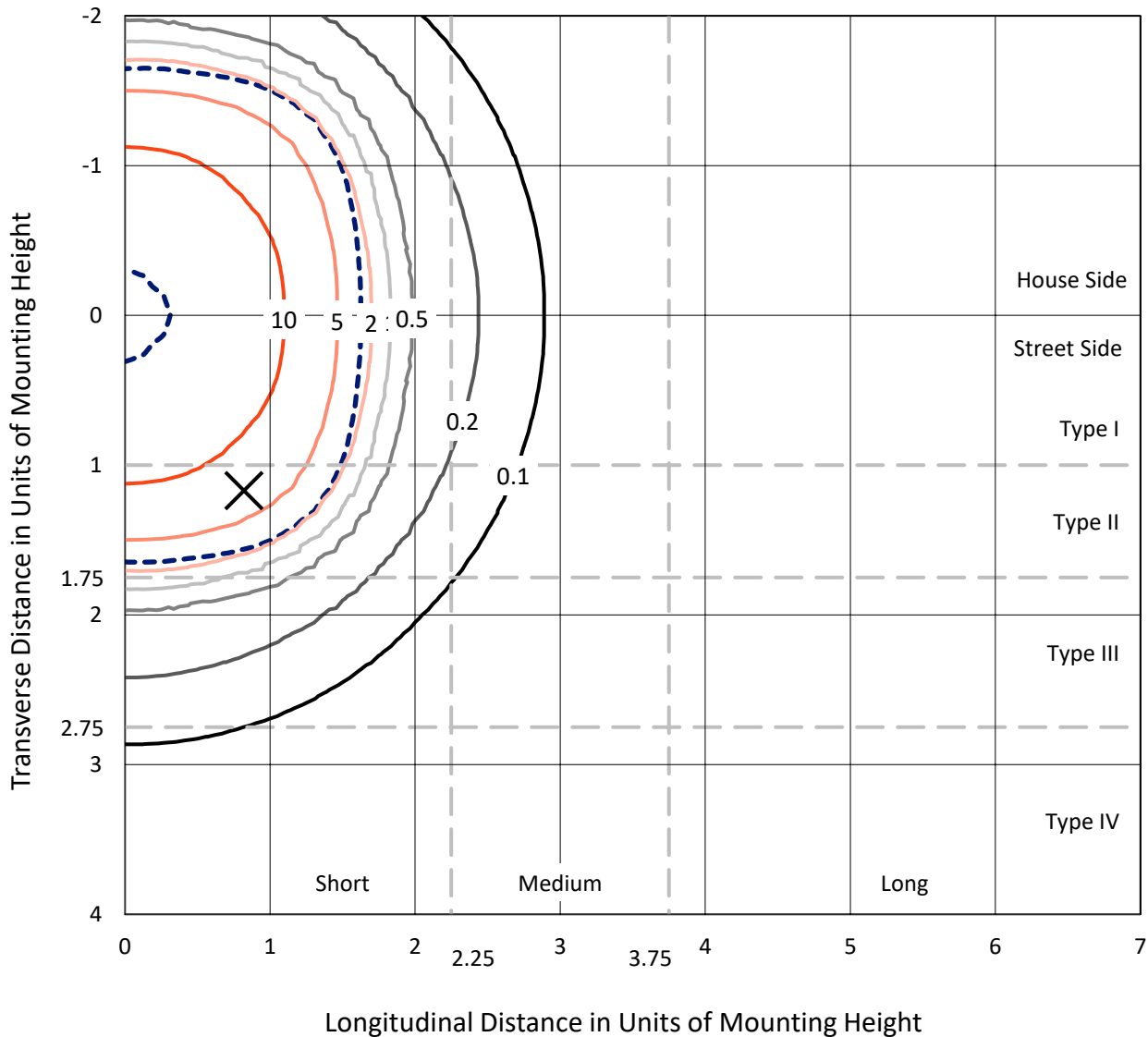
Input Watts (W): 68.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

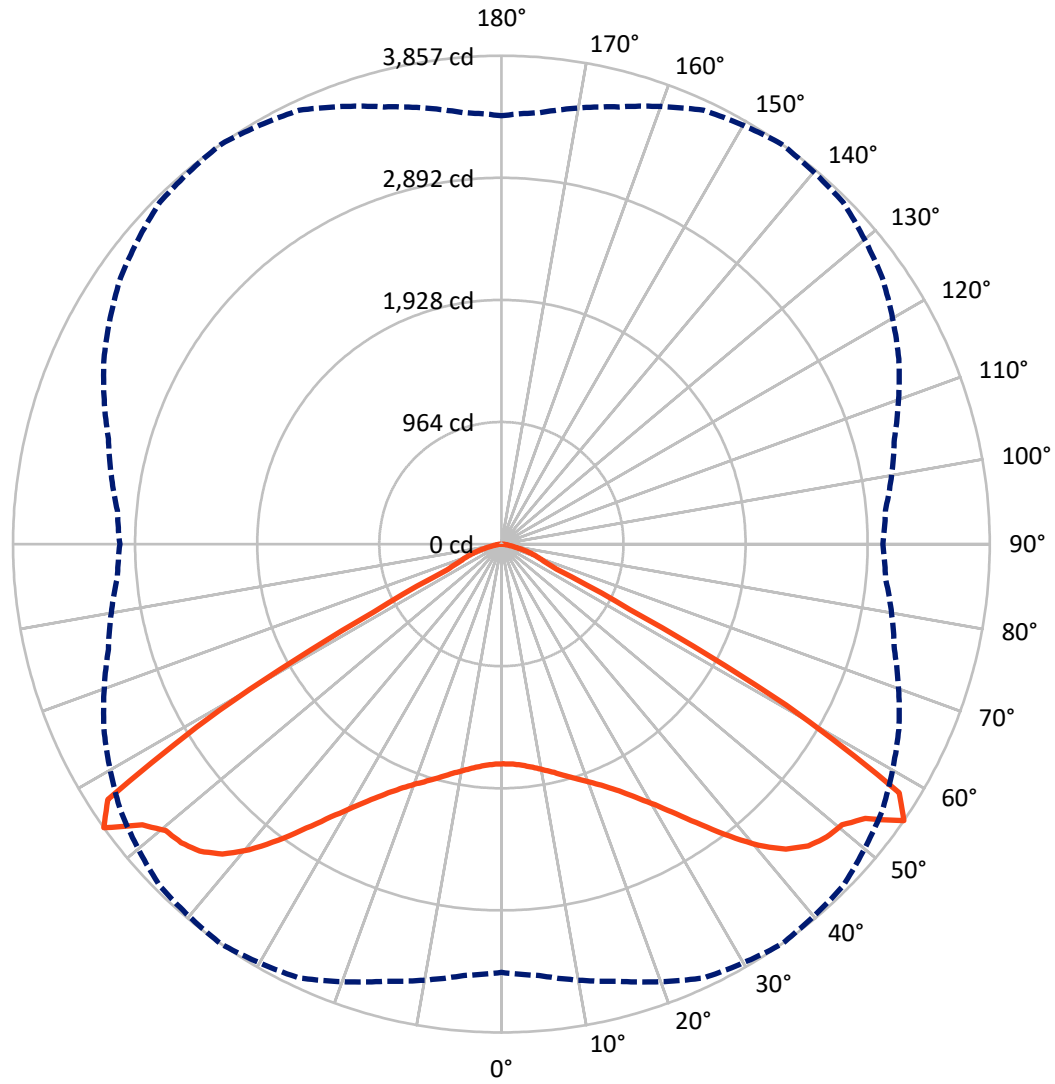
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 17.4 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	4822.8	0.0	4822.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4822.8	0.0	4822.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	9645.6	0.0	9645.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	169.3	1.8
10°-20°	538.9	5.6
20°-30°	997.3	10.3
30°-40°	1668.3	17.3
40°-50°	2542.3	26.4
50°-60°	2847.9	29.5
60°-70°	673.8	7.0
70°-80°	181.7	1.9
80°-90°	26.1	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°	9645.6	100.0
0°-180°	9645.6	100.0

Coefficient of Utilization



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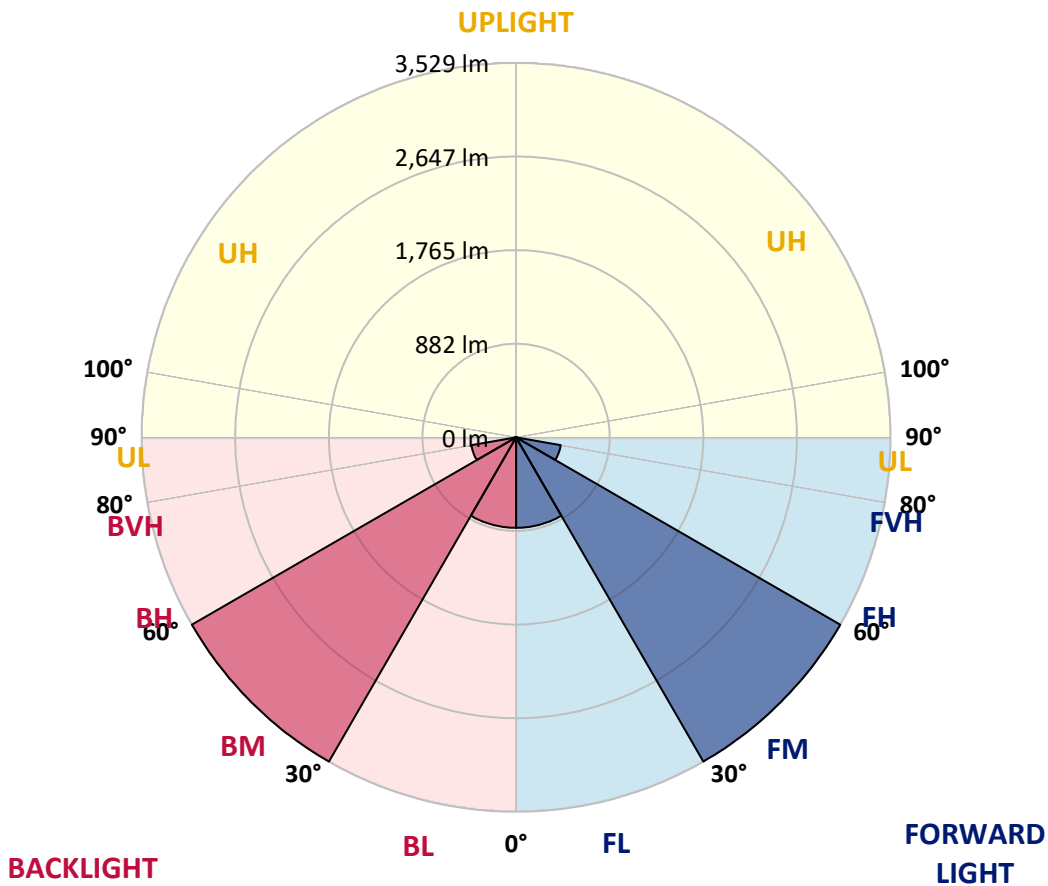
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	852.7	8.8			
FM (30°-60°)	3529.2	36.6			
FH (60°-80°)	427.8	4.4			G0/660
FVH (80°-90°)	13.1	0.1			G1/100
BL (0°-30°)	852.7	8.8	B2/1000		
BM (30°-60°)	3529.2	36.6	B3/5000		
BH (60°-80°)	427.8	4.4	B1/500		G0/660
BVH (80°-90°)	13.1	0.1			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°	1735.3	1735.3	1735.3	1735.3	1735.3	1735.3	1735.3	1735.3	1735.3	1735.3	1735.3
2.5°	1731.5	1731.5	1734.5	1738.3	1739.1	1746.7	1745.2	1742.1	1740.6	1737.6	1744.4
5°	1750.5	1751.3	1753.6	1755.9	1754.3	1760.4	1758.2	1754.3	1752.0	1748.2	1755.1
7.5°	1775.7	1775.7	1778.0	1781.0	1779.5	1788.7	1784.1	1778.7	1774.9	1770.4	1776.5
10°	1798.6	1800.1	1802.4	1808.5	1811.5	1821.5	1818.4	1810.8	1804.7	1799.3	1806.2
12.5°	1832.9	1834.4	1836.7	1845.1	1850.4	1860.4	1855.8	1845.1	1836.0	1828.3	1836.0
15°	1877.1	1875.6	1881.7	1892.4	1899.3	1908.4	1903.1	1884.8	1872.6	1862.6	1870.3
17.5°	1922.1	1921.4	1927.5	1941.2	1951.1	1963.3	1954.2	1932.8	1919.9	1907.7	1915.3
20°	1971.0	1973.2	1979.4	1992.3	2006.8	2022.8	2015.2	1992.3	1977.8	1964.1	1970.2
22.5°	2031.2	2032.0	2038.8	2055.6	2074.7	2090.0	2085.4	2057.2	2038.8	2024.4	2032.0
25°	2103.7	2102.9	2112.1	2131.9	2158.6	2173.9	2163.9	2132.7	2112.8	2096.1	2102.2
27.5°	2186.8	2186.1	2199.8	2225.7	2263.9	2285.2	2264.6	2225.7	2198.3	2174.6	2180.0
30°	2291.3	2289.0	2304.3	2339.4	2389.0	2424.8	2394.3	2340.1	2304.3	2279.1	2284.5
32.5°	2407.3	2410.3	2429.4	2476.7	2539.2	2585.7	2540.0	2479.7	2431.7	2395.1	2401.2
35°	2534.6	2534.6	2573.5	2632.3	2721.5	2783.3	2712.4	2625.4	2561.3	2511.0	2512.5
37.5°	2676.5	2678.0	2729.1	2810.0	2926.7	2999.2	2903.0	2795.5	2717.7	2663.5	2660.5
40°	2849.7	2854.2	2906.9	2996.9	3128.1	3194.4	3091.4	2986.2	2906.9	2842.8	2836.7
42.5°	3044.9	3046.4	3102.1	3183.0	3293.6	3333.2	3252.4	3166.2	3101.4	3043.4	3037.3
45°	3231.0	3227.2	3275.3	3335.5	3399.6	3403.4	3358.4	3323.3	3266.9	3217.3	3208.2
47.5°	3376.0	3372.9	3416.4	3449.2	3456.8	3419.4	3433.9	3439.3	3373.7	3306.5	3289.0
50°	3464.4	3470.5	3511.7	3530.0	3485.0	3424.0	3478.9	3465.2	3371.4	3283.7	3255.4
52.5°	3517.8	3527.0	3598.7	3645.2	3598.7	3540.7	3548.3	3467.5	3332.5	3216.5	3179.9
55°	3382.8	3419.4	3574.3	3780.2	3856.5	3816.1	3671.1	3462.9	3212.7	3044.2	3012.9
57.5°	2507.2	2565.1	2794.7	3240.9	3704.7	3851.9	3428.6	2903.0	2524.0	2307.3	2289.0
60°	1279.9	1344.7	1528.6	1987.0	2583.5	2790.9	2388.2	1858.8	1477.5	1302.0	1282.2
62.5°	522.5	533.2	593.4	770.4	1141.8	1317.3	1157.1	812.3	610.2	562.2	562.9
65°	411.1	413.4	410.4	421.0	478.2	530.9	490.5	431.0	420.3	425.6	421.8
67.5°	358.5	359.3	357.0	357.0	359.3	357.0	361.5	363.8	365.4	371.5	367.6
70°	299.8	300.5	300.5	302.1	301.3	297.5	304.3	307.4	308.2	312.0	309.7
72.5°	231.9	234.2	235.7	236.5	235.7	233.4	237.2	242.6	241.8	245.6	241.8
75°	157.1	160.2	161.7	164.8	164.0	164.0	168.6	170.9	168.6	171.6	168.6
77.5°	89.2	91.5	96.1	99.2	102.2	104.5	107.5	109.1	108.3	109.8	108.3
80°	51.9	52.6	56.4	58.0	61.8	65.6	68.6	70.2	70.9	71.7	70.9
82.5°	29.7	30.5	32.0	33.6	36.6	39.7	42.7	45.0	45.0	45.8	45.0
85°	14.5	14.5	15.3	16.0	17.5	19.8	22.1	24.4	25.2	25.2	25.2
87.5°	2.3	2.3	3.1	3.1	3.8	4.6	6.1	7.6	8.4	8.4	8.4
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)