

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: P634061

Luminaire Tested: GWS-SA3B-722-U-5WQ-W

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P634061  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-1)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 1/10/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: McGRAW-EDISON  
Catalog Number: GWS-SA3B-722-U-5WQ-W  
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V WIDE OPTICS  
Light Source: (48) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

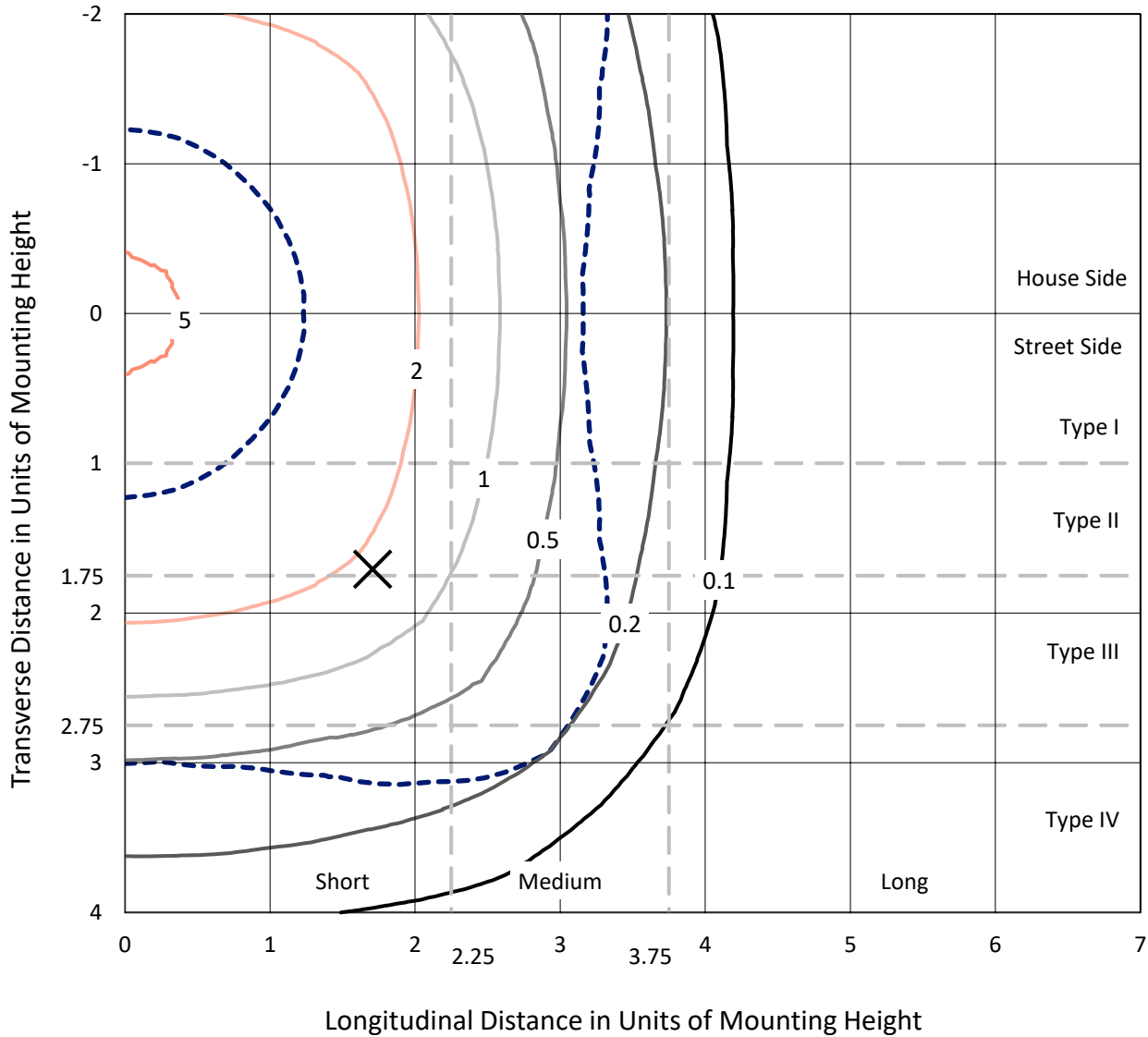
Lumens per Lamp: N/A  
Luminaire Lumens: 7767.4 lumens  
Efficiency: N/A  
Efficacy: 113.7 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B3 - U0 - G2  
  
Input Watts (W): 68.3  
Input Voltage (V): 120  
Input Current (Ain): 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

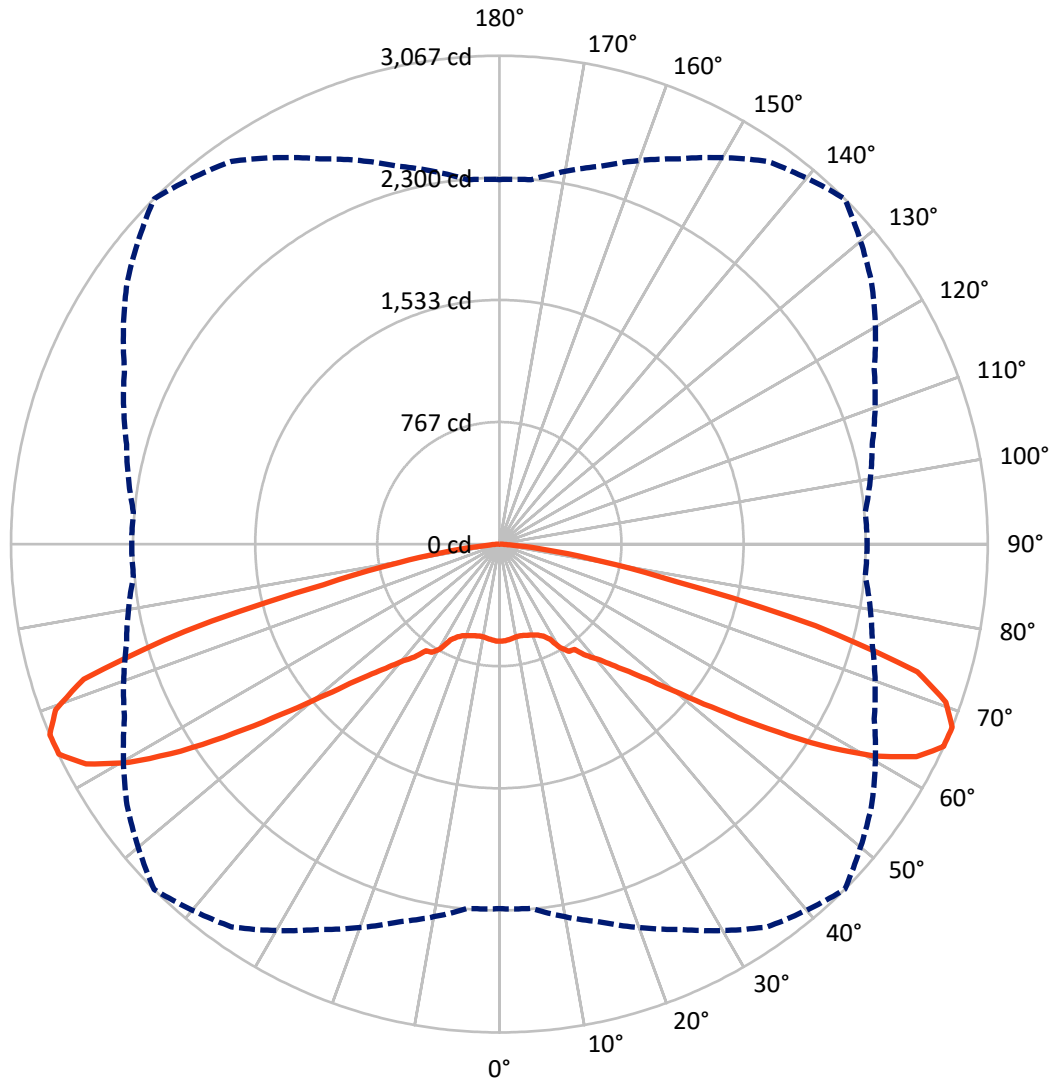
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 6.1 fc  
 Type V - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral    - - - Horizontal Cone Through 67.5-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3883.7	0.0	3883.7
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	3883.7	0.0	3883.7
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	7767.4	0.0	7767.4
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	57.2	0.7
10°-20°	169.7	2.2
20°-30°	304.5	3.9
30°-40°	514.3	6.6
40°-50°	903.7	11.6
50°-60°	1743.2	22.4
60°-70°	2529.1	32.6
70°-80°	1447.0	18.6
80°-90°	98.8	1.3
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°	7767.4	100.0
0°-180°	7767.4	100.0

**Coefficient of Utilization**



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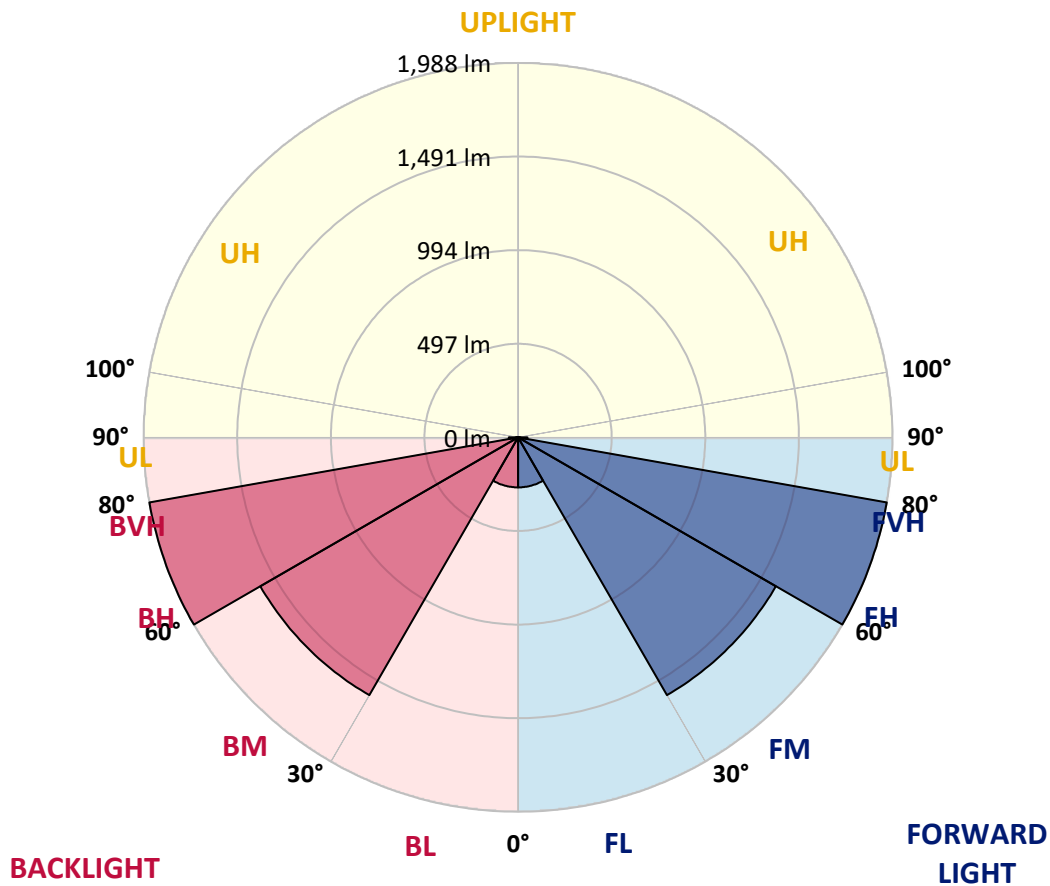
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	265.7	3.4			
FM (30°-60°)	1580.6	20.3			
FH (60°-80°)	1988.1	25.6			G2/5000
FVH (80°-90°)	49.4	0.6			G1/100
BL (0°-30°)	265.7	3.4	B1/500		
BM (30°-60°)	1580.6	20.3	B2/2500		
BH (60°-80°)	1988.1	25.6	B3/2500		G2/5000
BVH (80°-90°)	49.4	0.6			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G2**

Type V Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	609.1	609.1	609.1	609.1	609.1	609.1	609.1	609.1	609.1	609.1	609.1
2.5°	604.2	604.7	605.8	605.8	606.9	608.6	609.1	608.0	608.6	605.8	608.6
5°	602.5	603.1	603.6	602.5	602.5	603.1	603.1	602.0	602.5	599.8	602.5
7.5°	598.7	599.2	599.2	597.6	595.9	597.0	597.0	595.9	596.5	593.7	597.0
10°	595.4	595.4	594.8	591.5	589.9	591.5	592.1	592.6	594.8	592.6	596.5
12.5°	597.6	597.6	595.9	591.5	588.8	589.9	591.0	592.1	595.9	595.4	599.8
15°	603.6	604.2	599.8	594.8	593.2	594.8	593.7	593.2	598.1	599.8	604.7
17.5°	608.6	608.6	603.1	598.1	598.7	601.4	599.2	596.5	601.4	604.7	610.2
20°	613.0	612.4	606.4	603.1	605.3	609.1	607.5	603.6	606.9	610.8	615.7
22.5°	624.0	623.4	616.8	615.2	617.4	621.2	619.6	616.3	620.1	625.6	631.6
25°	655.3	654.2	644.3	638.8	637.7	640.4	639.9	638.8	644.8	651.4	658.6
27.5°	697.0	696.5	689.3	683.8	676.7	674.5	676.1	681.1	689.9	694.8	700.8
30°	717.9	717.9	716.8	725.6	740.9	755.8	744.2	725.6	717.9	715.7	721.7
32.5°	745.3	748.1	744.2	754.1	779.9	801.9	779.9	749.7	744.2	744.2	750.8
35°	808.5	809.6	803.6	801.9	810.1	812.9	802.5	791.5	797.5	798.6	806.9
37.5°	859.0	859.0	856.3	860.7	877.7	888.1	871.1	851.3	853.0	854.1	864.5
40°	937.0	939.2	932.6	932.1	938.7	948.0	929.9	917.3	926.0	928.8	944.7
42.5°	1034.2	1034.2	1024.4	1021.6	1026.0	1035.9	1018.9	1010.6	1022.2	1024.4	1033.7
45°	1150.1	1152.9	1139.7	1134.8	1137.0	1140.3	1128.2	1124.3	1135.3	1140.3	1156.7
47.5°	1291.3	1294.0	1282.5	1282.0	1279.8	1282.0	1270.4	1268.2	1277.0	1273.2	1290.7
50°	1465.4	1470.4	1460.5	1474.2	1472.6	1479.1	1463.2	1451.7	1451.7	1441.2	1451.1
52.5°	1660.4	1670.3	1675.2	1698.3	1715.9	1732.3	1706.0	1687.9	1661.5	1640.1	1667.0
55°	1873.0	1870.2	1901.5	1952.0	2003.7	2042.7	1991.0	1933.9	1891.1	1846.6	1857.0
57.5°	2059.2	2068.5	2109.7	2202.0	2304.1	2386.5	2293.7	2183.8	2086.6	2022.9	2031.7
60°	2214.0	2221.7	2276.7	2409.6	2588.1	2701.8	2554.6	2373.3	2232.2	2144.3	2153.6
62.5°	2356.8	2364.0	2419.5	2566.1	2791.3	2939.6	2749.6	2501.9	2344.8	2256.3	2261.8
65°	2439.2	2443.6	2519.4	2673.8	2911.0	3064.3	2850.1	2594.7	2440.3	2350.3	2353.6
67.5°	2289.3	2296.4	2456.3	2669.4	2934.1	3066.5	2854.5	2597.4	2423.9	2306.3	2309.1
70°	1805.9	1799.9	1990.5	2356.8	2801.7	2974.2	2727.6	2402.4	2134.4	1970.2	1967.4
72.5°	1377.0	1378.6	1484.6	1735.6	2284.3	2744.6	2406.8	1934.5	1645.6	1520.9	1515.9
75°	998.5	1013.9	1100.2	1284.2	1597.8	2051.5	1812.0	1433.6	1240.2	1165.5	1154.5
77.5°	449.8	469.6	589.9	806.3	1068.3	1133.7	1138.1	973.3	734.4	610.2	591.0
80°	131.3	140.6	180.7	309.2	497.6	643.2	510.8	429.5	267.5	209.8	199.9
82.5°	55.5	63.2	77.4	85.7	144.5	298.2	185.6	118.1	109.9	89.0	81.3
85°	23.6	25.3	32.4	34.6	46.7	63.7	58.8	53.3	51.1	39.5	36.3
87.5°	9.9	9.9	9.9	8.8	8.2	8.8	12.1	15.4	20.3	15.9	14.8
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)