

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: P634055

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

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P634055  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-4)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 1/10/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: McGRAW-EDISON  
Catalog Number: GWS-SA3B-722-U-5MQ-W  
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V MEDIUM OPTICS  
Light Source: (48) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

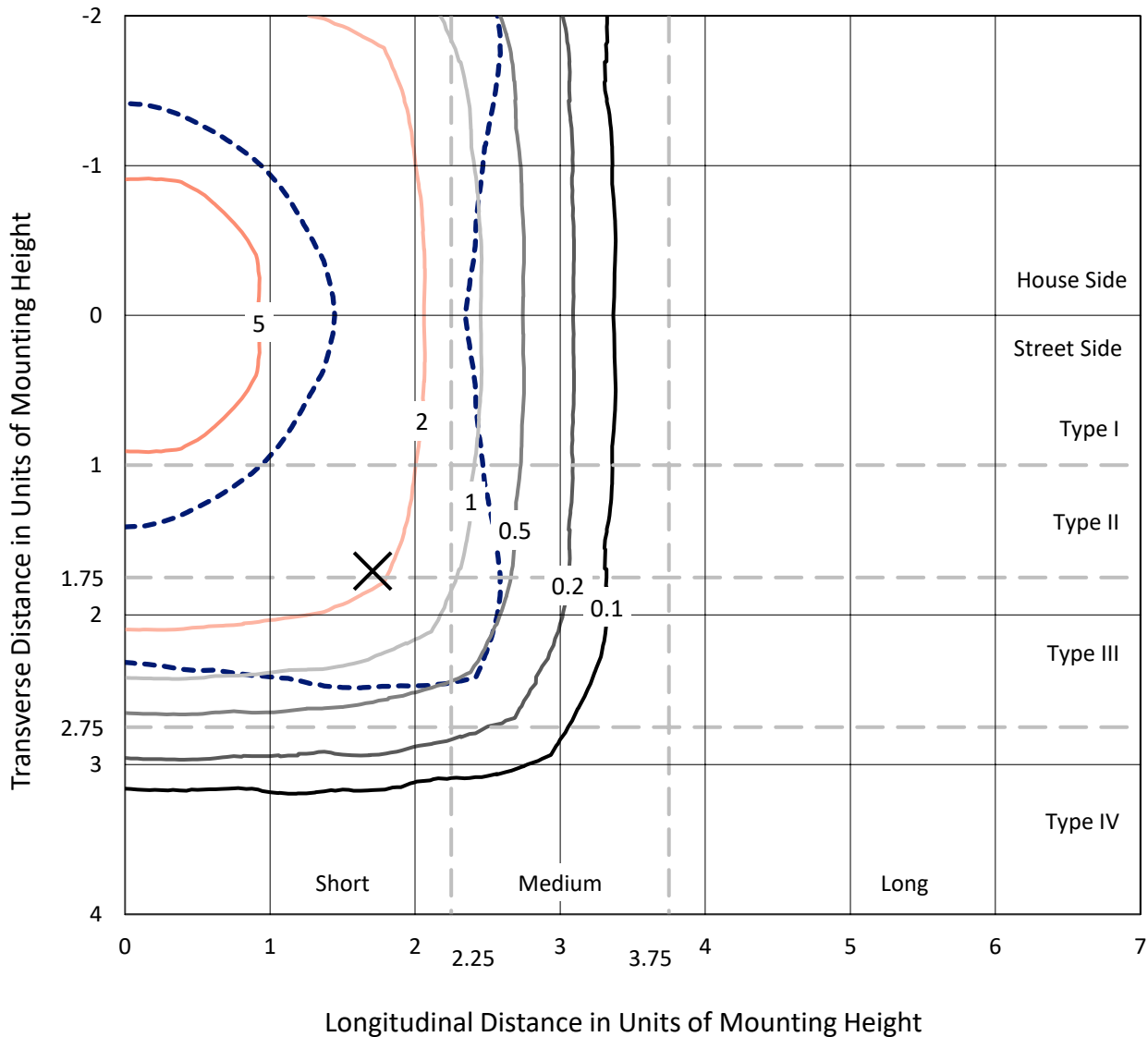
Lumens per Lamp: N/A  
Luminaire Lumens: 7934.4 lumens  
Efficiency: N/A  
Efficacy: 116.2 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B3 - U0 - G1  
  
Input Watts (W): 68.3  
Input Voltage (V): 120  
Input Current (Ain): 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

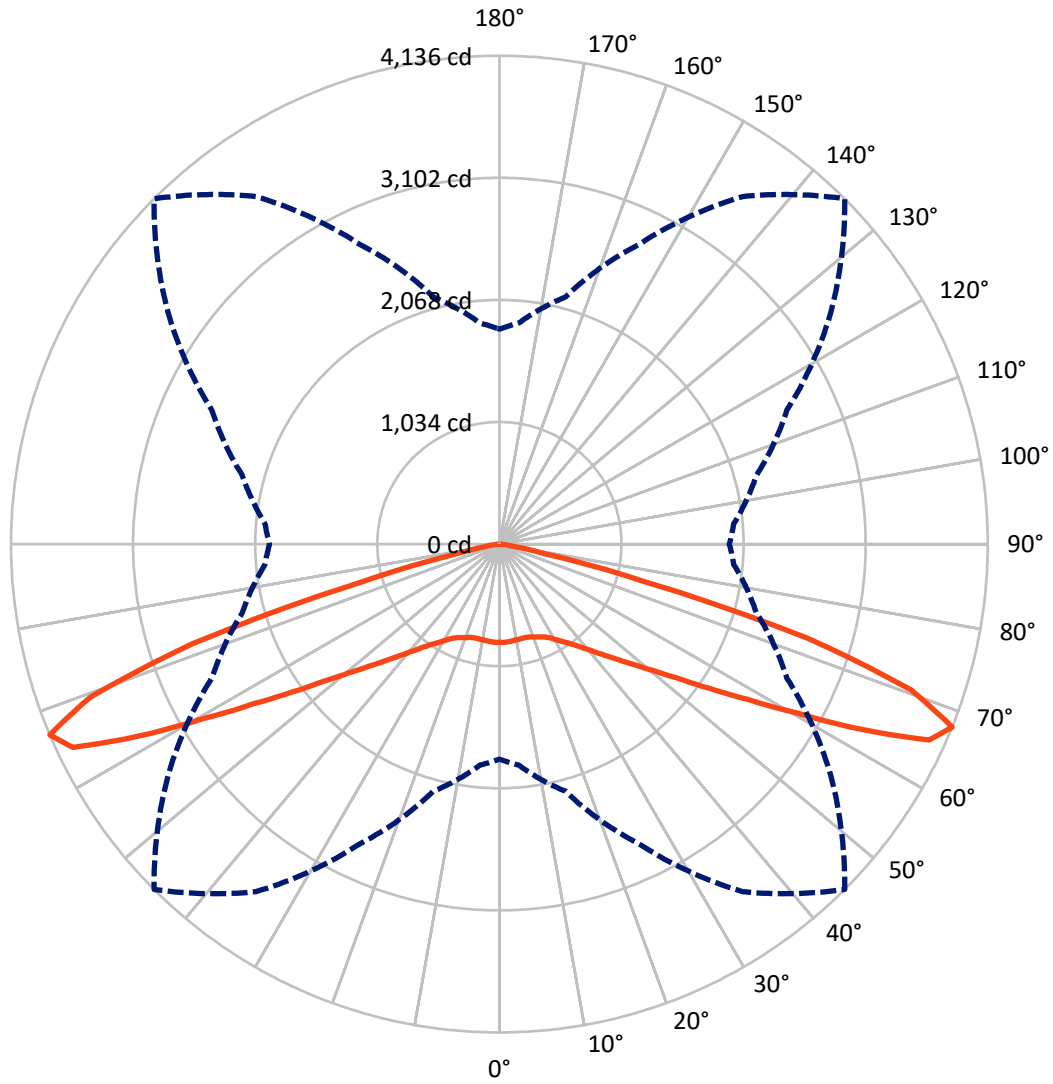
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 8.3 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	3967.2	0.0	3967.2
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	3967.2	0.0	3967.2
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	7934.4	0.0	7934.4
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	78.6	1.0
10°-20°	231.0	2.9
20°-30°	398.4	5.0
30°-40°	647.8	8.2
40°-50°	1090.8	13.7
50°-60°	1932.7	24.4
60°-70°	2762.7	34.8
70°-80°	758.3	9.6
80°-90°	34.0	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°	7934.4	100.0
0°-180°	7934.4	100.0

**Coefficient of Utilization**



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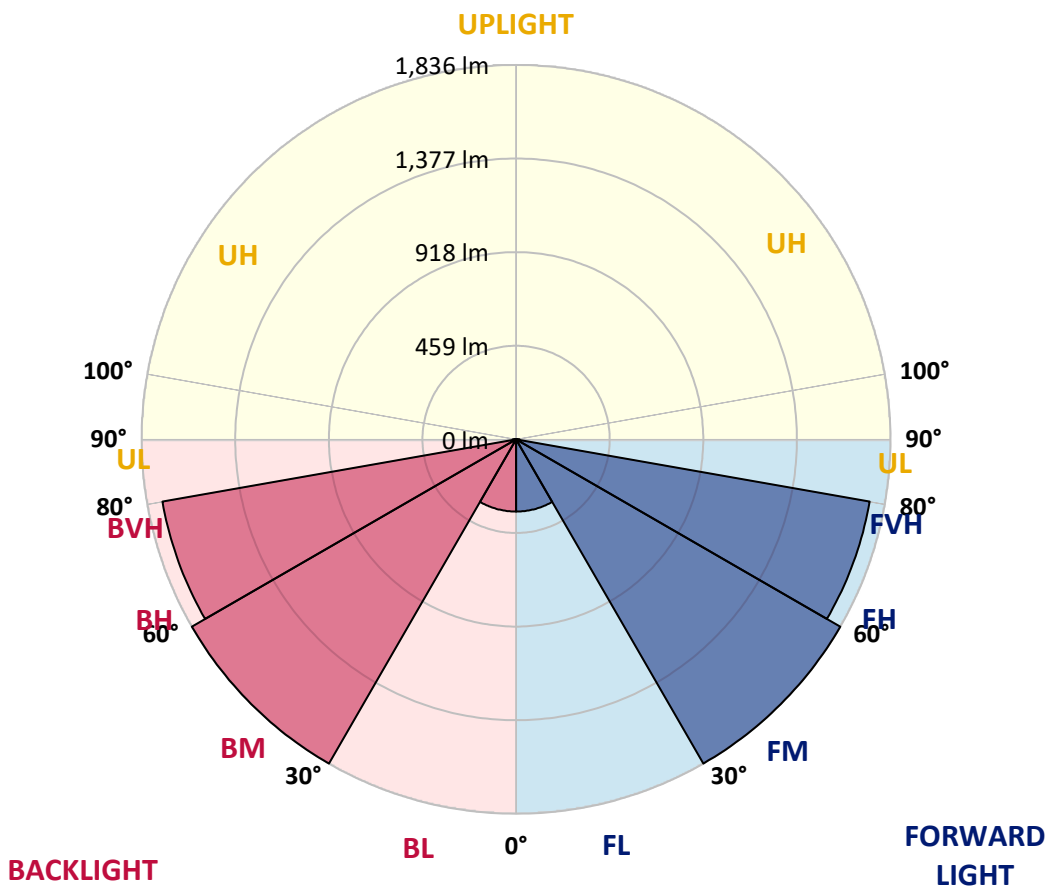
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	354.0	4.5			
FM (30°-60°)	1835.7	23.1			
FH (60°-80°)	1760.5	22.2			G1/1800
FVH (80°-90°)	17.0	0.2			G1/100
BL (0°-30°)	354.0	4.5	B1/500		
BM (30°-60°)	1835.7	23.1	B2/2500		
BH (60°-80°)	1760.5	22.2	B3/2500		G1/1800
BVH (80°-90°)	17.0	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°	831.0	831.0	831.0	831.0	831.0	831.0	831.0	831.0	831.0	831.0	831.0
2.5°	825.5	824.9	827.7	829.3	828.8	832.6	832.1	831.0	831.0	829.3	833.7
5°	825.5	824.9	827.1	827.7	826.6	829.9	828.8	827.7	827.7	825.5	829.3
7.5°	821.1	821.7	823.3	824.4	823.3	826.0	824.4	822.2	821.7	819.5	823.3
10°	812.9	813.4	815.1	817.8	818.4	823.3	820.6	816.7	815.1	812.9	816.7
12.5°	807.9	808.5	810.1	813.4	814.5	821.1	818.4	812.3	809.6	807.4	811.2
15°	806.8	807.4	809.6	812.9	814.5	821.1	818.4	811.2	807.4	804.6	807.9
17.5°	806.8	807.9	811.2	816.2	819.5	826.0	822.8	814.5	809.0	804.1	807.4
20°	807.4	809.0	814.0	821.1	829.3	838.7	834.3	823.3	815.6	809.6	811.8
22.5°	812.3	815.1	821.1	830.4	842.5	853.5	849.7	834.8	823.8	815.6	817.8
25°	829.3	830.4	838.1	850.2	861.7	871.1	867.2	853.5	839.8	829.9	832.6
27.5°	859.5	862.3	868.9	881.5	891.4	896.3	895.8	886.5	872.7	863.9	866.1
30°	895.8	898.5	907.3	921.6	931.5	937.0	935.3	928.2	915.6	903.5	905.7
32.5°	938.1	939.2	949.6	965.6	976.0	984.2	978.7	971.0	955.1	940.8	941.9
35°	991.9	993.6	1004.5	1019.4	1027.6	1034.2	1033.1	1025.4	1008.4	993.0	996.9
37.5°	1059.5	1060.6	1070.5	1089.1	1095.7	1100.7	1101.8	1097.9	1080.3	1060.6	1064.4
40°	1143.5	1144.1	1155.0	1171.5	1178.7	1181.9	1182.5	1183.0	1164.9	1150.1	1149.0
42.5°	1241.3	1244.0	1259.4	1275.3	1278.6	1277.0	1282.5	1287.9	1270.4	1250.1	1251.7
45°	1358.3	1359.9	1380.8	1398.3	1392.3	1386.8	1397.2	1408.2	1392.3	1365.9	1358.3
47.5°	1496.7	1500.0	1522.5	1540.0	1530.2	1520.3	1537.3	1548.8	1523.0	1495.0	1487.9
50°	1653.2	1655.4	1687.2	1709.2	1697.7	1679.6	1701.0	1713.1	1678.5	1643.9	1628.5
52.5°	1838.3	1833.9	1876.2	1914.6	1907.5	1883.9	1901.4	1903.6	1852.0	1803.1	1787.8
55°	2064.0	2059.6	2101.9	2144.2	2161.8	2155.7	2147.5	2134.3	2058.0	2005.8	1991.5
57.5°	2327.1	2313.4	2372.7	2429.8	2468.3	2479.2	2444.1	2413.3	2352.9	2288.7	2272.2
60°	2571.5	2571.0	2664.9	2763.7	2869.2	2913.1	2824.2	2740.7	2605.0	2488.0	2464.4
62.5°	2640.2	2651.7	2805.5	3050.4	3310.8	3466.2	3231.7	2955.4	2693.4	2517.1	2485.8
65°	2471.0	2499.6	2718.2	3104.8	3618.9	3999.0	3469.5	2960.4	2595.1	2375.4	2342.5
67.5°	1821.3	1878.4	2167.8	2801.6	3592.5	4135.7	3427.2	2686.3	2254.0	1992.6	1947.0
70°	898.5	952.9	1182.5	1843.2	2956.0	3696.9	2965.3	2024.5	1522.5	1270.9	1229.2
72.5°	330.6	352.6	442.7	788.7	1631.2	2730.8	2027.8	1130.9	737.6	587.1	559.1
75°	162.0	165.9	179.6	264.7	602.0	1285.2	952.9	433.9	271.3	236.2	228.5
77.5°	103.3	104.9	111.5	126.3	193.3	404.8	288.9	171.4	132.9	127.4	127.4
80°	57.7	59.3	68.1	78.5	90.6	139.0	103.8	102.7	87.3	76.3	74.7
82.5°	27.5	30.2	43.4	42.8	47.8	69.8	61.0	55.5	56.0	42.3	40.1
85°	12.6	12.6	17.0	20.3	21.4	23.6	28.0	31.9	31.3	21.4	23.1
87.5°	6.0	6.0	6.0	5.5	4.9	4.4	6.0	9.9	14.3	9.9	9.3
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)