

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: P630920

Luminaire Tested: GWS-SA1E-760-U-5MQ-W

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P630920  
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-SA1E-760-U-5MQ-W  
Description: GALLEON WALL SLIM LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V MEDIUM OPTICS  
Light Source: (16) 5700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

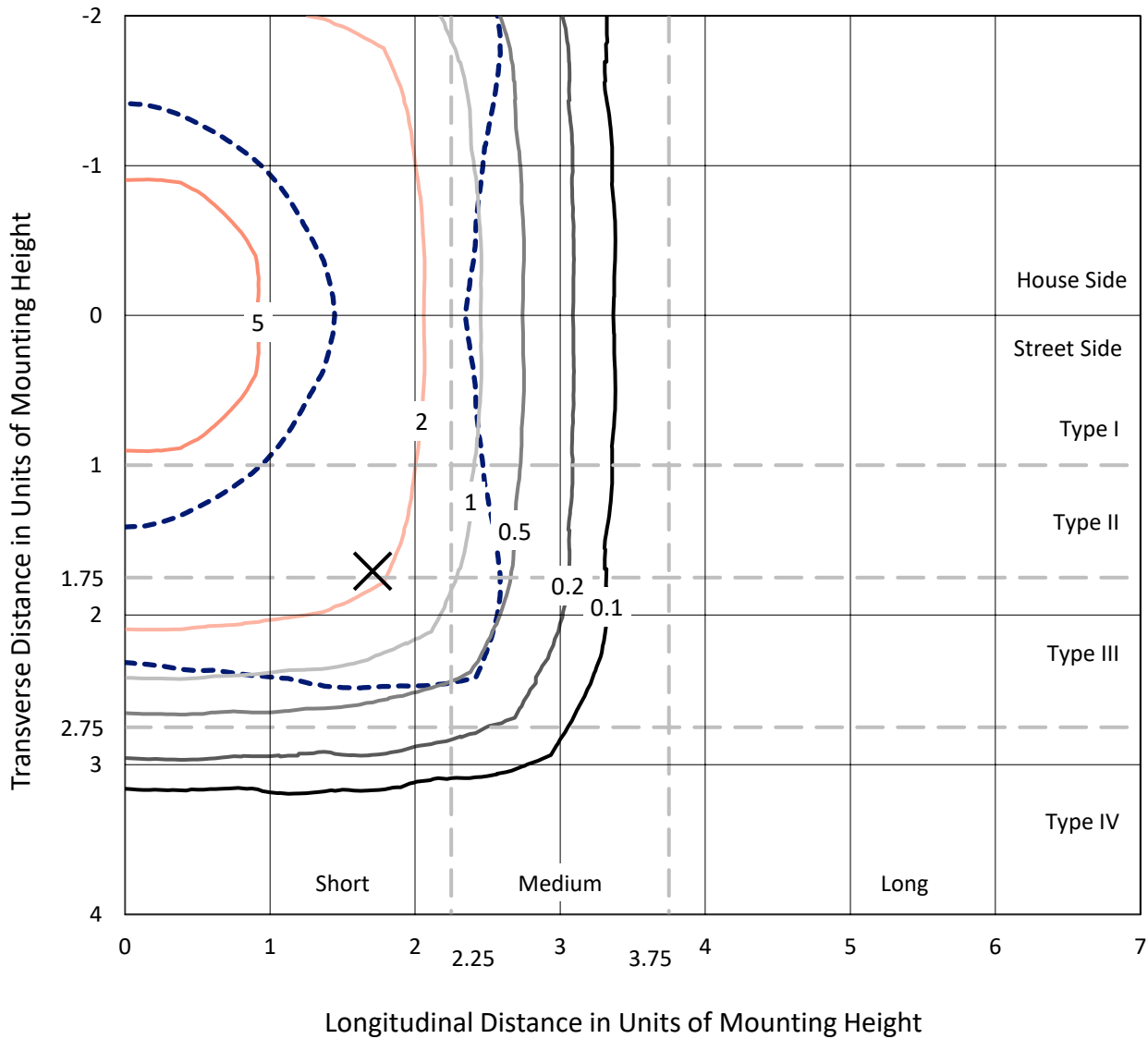
Lumens per Lamp: N/A  
Luminaire Lumens: 7917.1 lumens  
Efficiency: N/A  
Efficacy: 135.6 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B3 - U0 - G1  
  
Input Watts (W): 58.4  
Input Voltage (V): 120  
Input Current (Ain): 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: P630920  
 CATALOG NUMBER: GWS-SA1E-760-U-5MQ-W

### Iso-Footcandle Lines of Horizontal Illumination

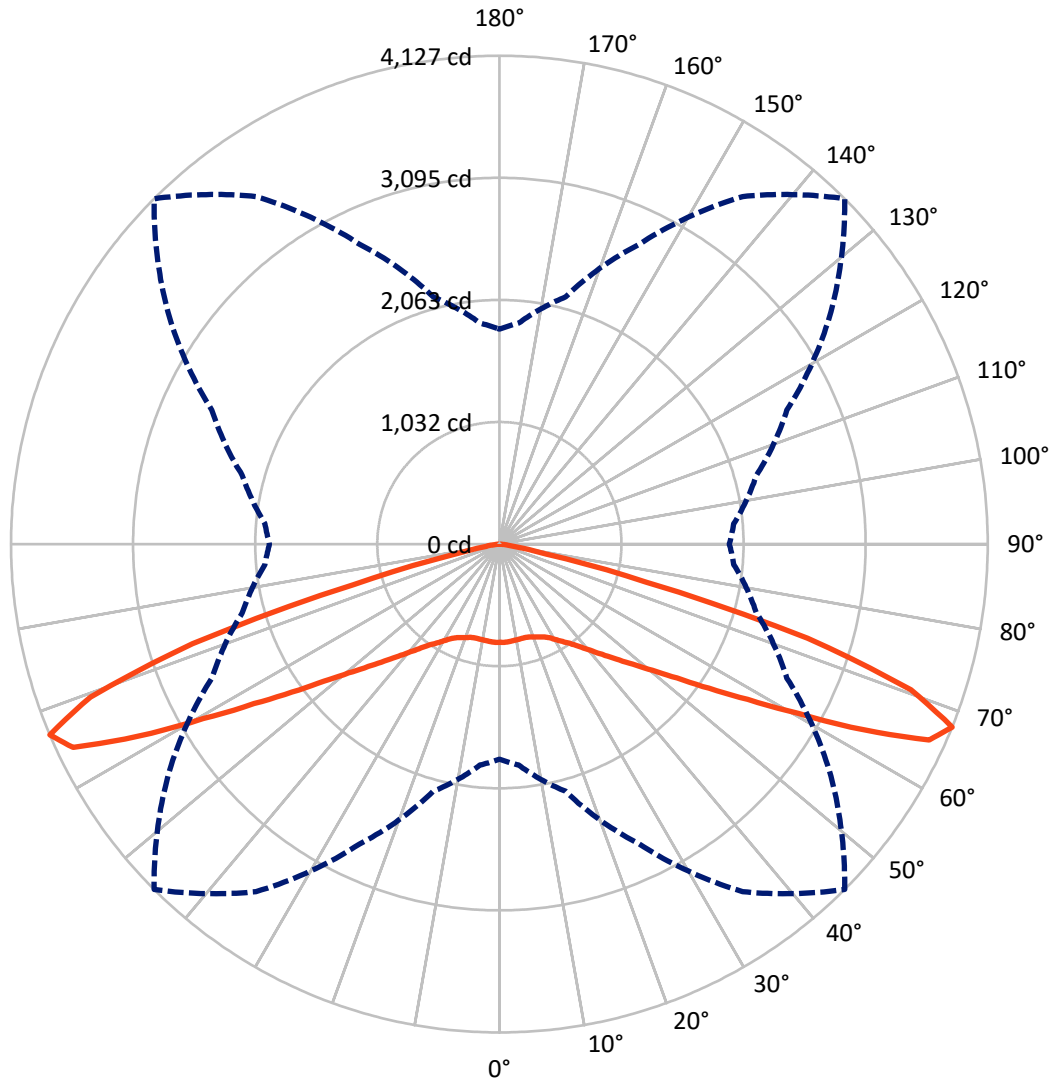
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 8.3 fc  
 Type V - Short - N/A

REPORT NUMBER: P630920  
CATALOG NUMBER: GWS-SA1E-760-U-5MQ-W

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P630920

CATALOG NUMBER: GWS-SA1E-760-U-5MQ-W

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3958.6	0.0	3958.6
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	3958.6	0.0	3958.6
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	7917.1	0.0	7917.1
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	78.5	1.0
10°-20°	230.5	2.9
20°-30°	397.5	5.0
30°-40°	646.4	8.2
40°-50°	1088.5	13.7
50°-60°	1928.5	24.4
60°-70°	2756.7	34.8
70°-80°	756.6	9.6
80°-90°	33.9	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°	7917.1	100.0
0°-180°	7917.1	100.0

**Coefficient of Utilization**



REPORT NUMBER: P630920

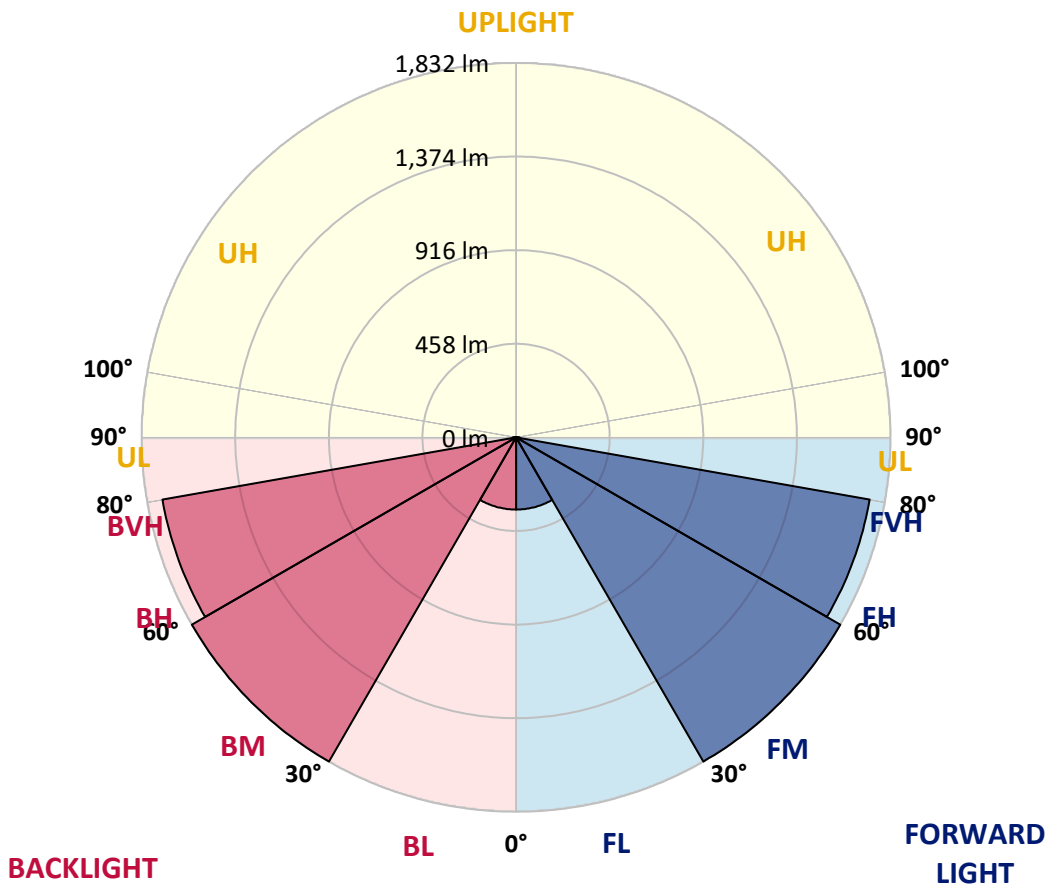
CATALOG NUMBER: GWS-SA1E-760-U-5MQ-W

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	353.3	4.5			
FM (30°-60°)	1831.7	23.1			
FH (60°-80°)	1756.6	22.2			G1/1800
FVH (80°-90°)	16.9	0.2			G1/100
BL (0°-30°)	353.3	4.5	B1/500		
BM (30°-60°)	1831.7	23.1	B2/2500		
BH (60°-80°)	1756.6	22.2	B3/2500		G1/1800
BVH (80°-90°)	16.9	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: P630920  
 CATALOG NUMBER: GWS-SA1E-760-U-5MQ-W

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	829.2	829.2	829.2	829.2	829.2	829.2	829.2	829.2	829.2	829.2	829.2
2.5°	823.7	823.1	825.9	827.5	827.0	830.8	830.3	829.2	829.2	827.5	831.9
5°	823.7	823.1	825.3	825.9	824.8	828.1	827.0	825.9	825.9	823.7	827.5
7.5°	819.3	819.9	821.5	822.6	821.5	824.2	822.6	820.4	819.9	817.7	821.5
10°	811.1	811.6	813.3	816.0	816.6	821.5	818.8	814.9	813.3	811.1	814.9
12.5°	806.2	806.7	808.4	811.6	812.7	819.3	816.6	810.5	807.8	805.6	809.4
15°	805.1	805.6	807.8	811.1	812.7	819.3	816.6	809.4	805.6	802.9	806.2
17.5°	805.1	806.2	809.4	814.4	817.7	824.2	821.0	812.7	807.3	802.3	805.6
20°	805.6	807.3	812.2	819.3	827.5	836.8	832.5	821.5	813.8	807.8	810.0
22.5°	810.5	813.3	819.3	828.6	840.7	851.6	847.8	833.0	822.1	813.8	816.0
25°	827.5	828.6	836.3	848.4	859.9	869.2	865.3	851.6	837.9	828.1	830.8
27.5°	857.7	860.4	867.0	879.6	889.5	894.4	893.8	884.5	870.8	862.1	864.3
30°	893.8	896.6	905.4	919.6	929.5	934.9	933.3	926.2	913.6	901.5	903.7
32.5°	936.0	937.1	947.6	963.4	973.9	982.1	976.6	968.9	953.0	938.8	939.9
35°	989.8	991.4	1002.4	1017.2	1025.4	1031.9	1030.9	1023.2	1006.2	990.8	994.7
37.5°	1057.2	1058.3	1068.1	1086.8	1093.3	1098.3	1099.4	1095.5	1078.0	1058.3	1062.1
40°	1141.0	1141.6	1152.5	1169.0	1176.1	1179.4	1179.9	1180.5	1162.4	1147.6	1146.5
42.5°	1238.6	1241.3	1256.6	1272.5	1275.8	1274.2	1279.7	1285.1	1267.6	1247.3	1249.0
45°	1355.3	1356.9	1377.8	1395.3	1389.3	1383.8	1394.2	1405.2	1389.3	1363.0	1355.3
47.5°	1493.4	1496.7	1519.2	1536.7	1526.8	1517.0	1533.9	1545.5	1519.7	1491.8	1484.6
50°	1649.6	1651.8	1683.6	1705.5	1694.0	1675.9	1697.3	1709.3	1674.8	1640.3	1624.9
52.5°	1834.3	1829.9	1872.1	1910.4	1903.3	1879.8	1897.3	1899.5	1848.0	1799.2	1783.9
55°	2059.5	2055.1	2097.3	2139.5	2157.1	2151.0	2142.8	2129.7	2053.5	2001.4	1987.2
57.5°	2322.0	2308.3	2367.5	2424.5	2462.9	2473.8	2438.8	2408.1	2347.8	2283.7	2267.2
60°	2565.9	2565.4	2659.1	2757.7	2862.9	2906.8	2818.0	2734.7	2599.3	2482.6	2459.0
62.5°	2634.4	2645.9	2799.4	3043.8	3303.6	3458.6	3224.6	2949.0	2687.6	2511.6	2480.4
65°	2465.6	2494.1	2712.2	3098.0	3611.0	3990.2	3461.9	2953.9	2589.5	2370.3	2337.4
67.5°	1817.3	1874.3	2163.1	2795.5	3584.7	4126.7	3419.7	2680.4	2249.1	1988.3	1942.8
70°	896.6	950.8	1179.9	1839.2	2949.5	3688.8	2958.8	2020.1	1519.2	1268.2	1226.5
72.5°	329.9	351.8	441.7	787.0	1627.7	2724.8	2023.3	1128.4	736.0	585.8	557.9
75°	161.7	165.5	179.2	264.2	600.6	1282.4	950.8	432.9	270.7	235.7	228.0
77.5°	103.0	104.7	111.3	126.0	192.9	403.9	288.3	171.0	132.6	127.1	127.1
80°	57.5	59.2	68.0	78.4	90.4	138.7	103.6	102.5	87.1	76.2	74.5
82.5°	27.4	30.1	43.3	42.7	47.7	69.6	60.8	55.4	55.9	42.2	40.0
85°	12.6	12.6	17.0	20.3	21.4	23.6	27.9	31.8	31.2	21.4	23.0
87.5°	6.0	6.0	6.0	5.5	4.9	4.4	6.0	9.9	14.2	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)