

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: P630588

Luminaire Tested: GWS-SA1E-722-U-5MQ-W-GRSBK

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P630588  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-5)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 1/10/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: McGRAW-EDISON  
Catalog Number: GWS-SA1E-722-U-5MQ-W-GRSBK  
Description: GALLEON WALL SLIM LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V MEDIUM OPTICS W/ FACTORY INSTALLED GLARE SHIELD, BK  
Light Source: (16) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3410.3 lumens  
Efficiency: N/A  
Efficacy: 58.4 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B2 - U0 - G0  
  
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

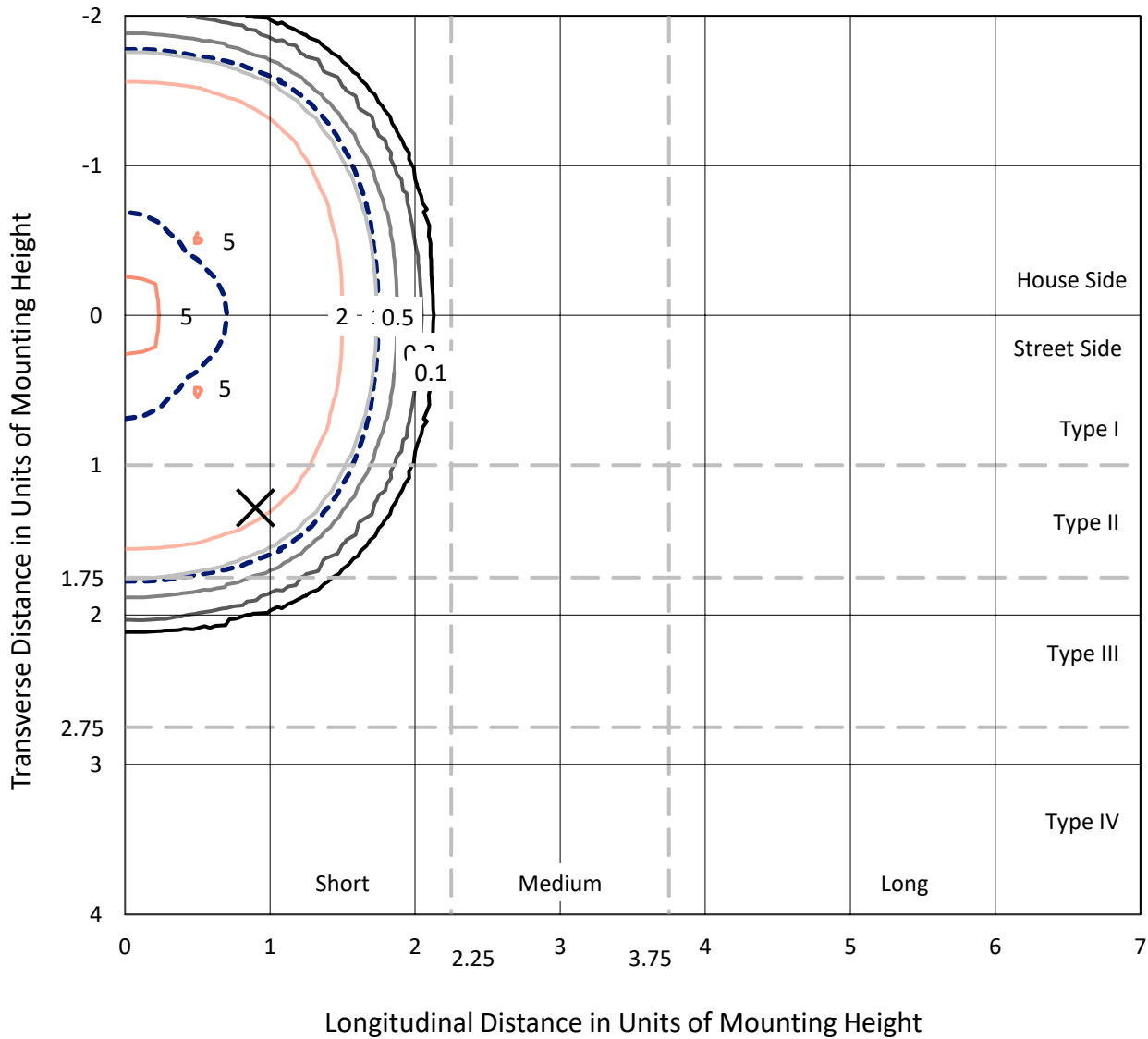


REPORT NUMBER: P630588

CATALOG NUMBER: GWS-SA1E-722-U-5MQ-W-GRSBK

### Iso-Footcandle Lines of Horizontal Illumination

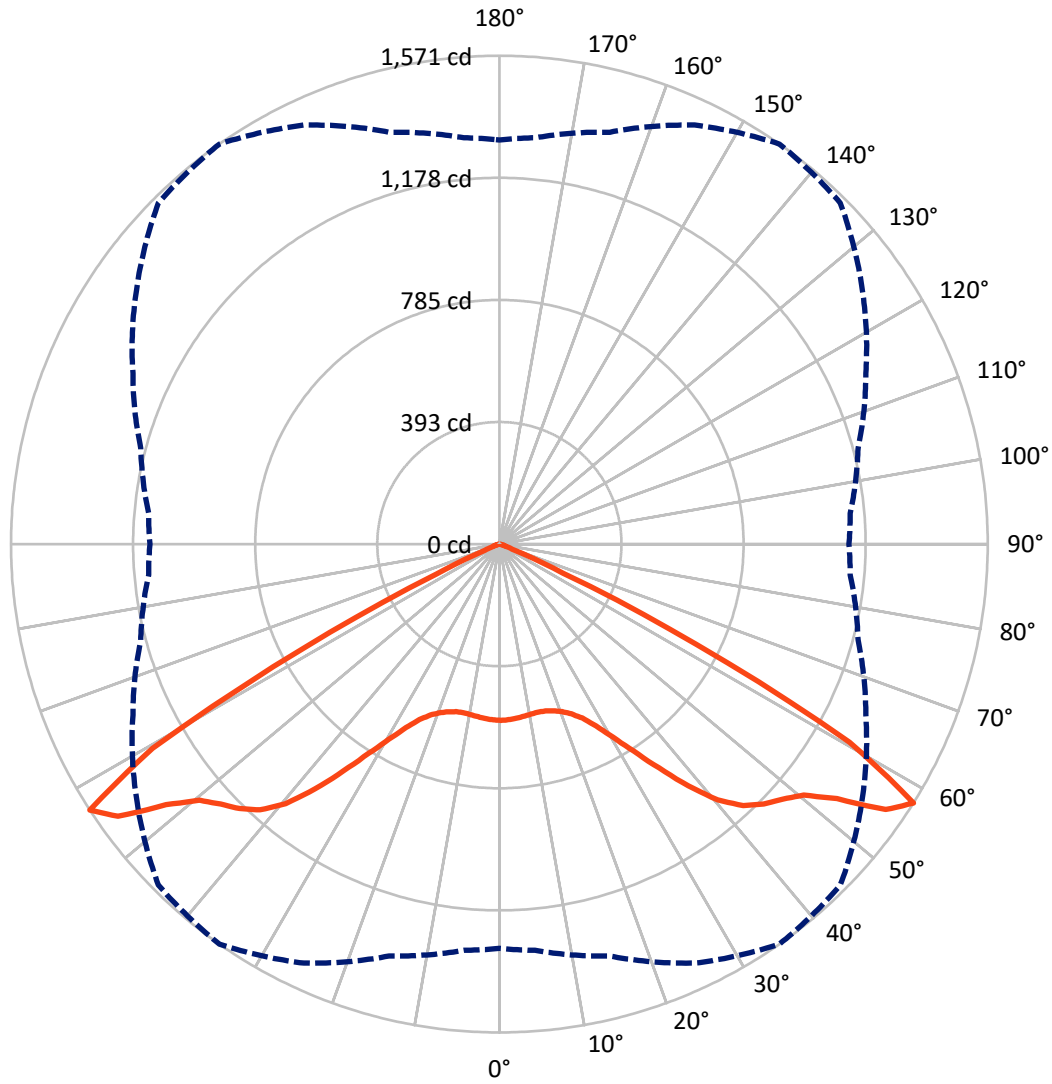
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5.7 fc  
 Type V - Short - N/A

REPORT NUMBER: P630588  
CATALOG NUMBER: GWS-SA1E-722-U-5MQ-W-GRSBK

### Luminous Intensity Polar Plot



— Vertical Plane Through 35-Deg Lateral    - - - Horizontal Cone Through 57.5-Deg Vertical

REPORT NUMBER: P630588

CATALOG NUMBER: GWS-SA1E-722-U-5MQ-W-GRSBK

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1705.1	0.0	1705.1
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	1705.1	0.0	1705.1
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	3410.3	0.0	3410.3
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	53.4	1.6
10°-20°	157.1	4.6
20°-30°	284.0	8.3
30°-40°	529.9	15.5
40°-50°	888.9	26.1
50°-60°	1173.9	34.4
60°-70°	311.7	9.1
70°-80°	11.1	0.3
80°-90°	0.2	0.0
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°	3410.3	100.0
0°-180°	3410.3	100.0

**Coefficient of Utilization**



REPORT NUMBER: P630588

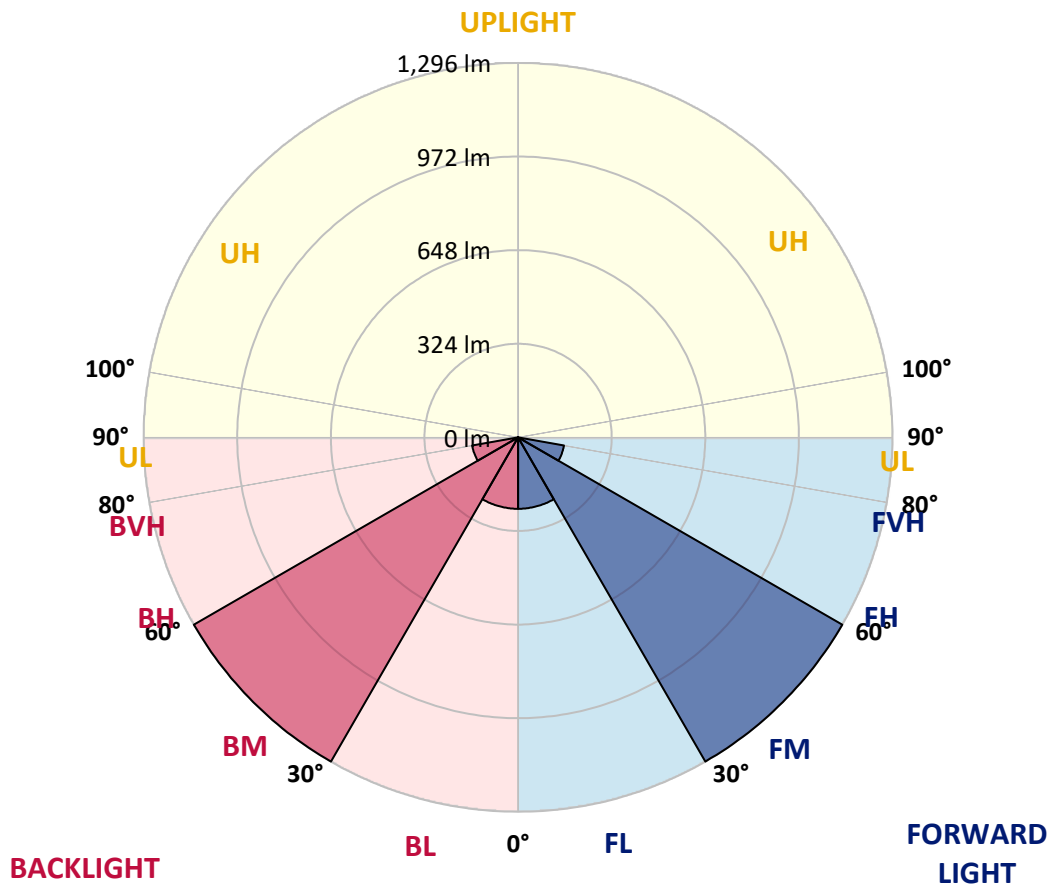
CATALOG NUMBER: GWS-SA1E-722-U-5MQ-W-GRSBK

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	247.3	7.3			
FM (30°-60°)	1296.3	38.0			
FH (60°-80°)	161.4	4.7			G0/660
FVH (80°-90°)	0.1	0.0			G0/10
BL (0°-30°)	247.3	7.3	B1/500		
BM (30°-60°)	1296.3	38.0	B2/2500		
BH (60°-80°)	161.4	4.7	B1/500		G0/660
BVH (80°-90°)	0.1	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G0**

Type V Short





REPORT NUMBER: P630588  
 CATALOG NUMBER: GWS-SA1E-722-U-5MQ-W-GRSBK

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	567.0	567.0	567.0	567.0	567.0	567.0	567.0	567.0	567.0	567.0	567.0
2.5°	563.0	562.6	564.2	565.4	565.4	568.2	567.4	566.6	565.8	564.6	567.4
5°	562.2	561.8	563.0	563.8	563.0	565.4	563.8	562.2	561.4	559.8	563.0
7.5°	558.6	559.0	559.8	560.6	559.4	561.4	559.4	557.0	555.0	553.4	556.2
10°	553.0	553.4	554.2	555.8	556.2	559.0	556.2	551.8	549.0	546.6	549.4
12.5°	550.2	550.6	551.8	553.8	554.2	557.8	554.2	547.8	543.8	541.0	543.8
15°	551.0	551.8	553.4	555.8	556.6	560.2	555.4	547.0	541.4	537.8	540.2
17.5°	553.8	554.6	557.0	561.0	563.8	567.4	561.4	550.6	543.0	537.8	540.2
20°	557.4	558.6	562.6	569.0	575.0	581.4	573.8	559.0	549.0	542.6	544.6
22.5°	567.4	568.6	574.2	582.6	592.6	600.6	591.4	572.6	559.0	550.6	552.6
25°	587.8	589.0	596.2	607.0	619.8	630.2	618.6	595.0	577.4	567.8	568.6
27.5°	619.8	621.0	629.4	644.6	661.8	676.6	659.8	632.2	612.2	601.0	601.0
30°	660.2	661.8	673.0	693.4	720.2	739.9	717.0	683.4	657.8	642.6	643.0
32.5°	712.2	710.6	726.6	754.7	792.7	818.7	785.1	744.3	712.6	691.4	693.4
35°	779.1	778.7	796.7	834.7	884.3	915.5	875.5	822.7	784.7	763.1	763.5
37.5°	865.1	864.7	885.5	926.7	986.3	1012.3	967.5	913.9	873.1	852.3	854.7
40°	965.9	963.5	981.9	1021.5	1081.2	1098.0	1049.2	1005.9	966.7	953.5	959.9
42.5°	1062.0	1056.8	1067.6	1103.6	1149.6	1152.0	1115.2	1085.6	1058.8	1048.4	1052.4
45°	1139.2	1135.2	1145.2	1166.0	1192.4	1180.4	1162.8	1153.6	1132.0	1120.8	1124.4
47.5°	1196.8	1196.8	1208.8	1221.6	1225.6	1203.6	1206.4	1206.4	1184.8	1167.2	1162.8
50°	1246.4	1250.0	1268.0	1281.2	1268.0	1240.0	1256.0	1252.8	1208.8	1173.6	1164.4
52.5°	1325.7	1329.3	1356.9	1374.9	1360.1	1332.5	1334.5	1294.4	1229.6	1188.0	1173.6
55°	1409.7	1418.5	1458.5	1506.5	1506.9	1478.5	1425.7	1354.9	1276.0	1230.8	1216.0
57.5°	1299.6	1311.6	1371.3	1486.9	1570.5	1550.9	1424.9	1300.4	1194.0	1132.4	1124.0
60°	894.3	915.1	974.7	1132.8	1294.0	1301.6	1152.8	1013.1	891.1	815.1	816.7
62.5°	377.7	398.9	432.5	562.6	710.6	719.8	647.8	547.8	448.2	393.3	401.7
65°	88.8	94.8	104.8	155.7	225.7	236.1	217.7	169.7	125.2	106.0	108.0
67.5°	38.8	39.6	37.6	40.0	49.6	50.8	49.2	43.2	40.8	41.6	41.6
70°	27.2	27.6	26.0	24.8	23.6	22.0	22.8	25.2	27.2	28.8	28.4
72.5°	16.8	17.2	17.6	17.6	16.4	14.8	15.6	17.2	17.6	18.0	17.6
75°	8.4	8.8	9.6	10.0	9.6	9.2	9.2	9.6	9.6	9.2	9.2
77.5°	1.6	2.0	2.8	3.2	3.2	3.2	3.2	3.2	3.6	3.2	3.2
80°	0.4	0.4	0.8	0.4	0.4	0.4	0.4	0.4	0.4	0.8	0.8
82.5°	0.4	0.4	0.4	0.4	0.0	0.0	0.4	0.4	0.4	0.4	0.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4
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)