

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: P630593

Luminaire Tested: GWS-SA1E-722-U-5NQ-W

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P630593  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-7)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 1/10/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: McGRAW-EDISON  
Catalog Number: GWS-SA1E-722-U-5NQ-W  
Description: GALLEON WALL SLIM LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V NARROW OPTICS  
Light Source: (16) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

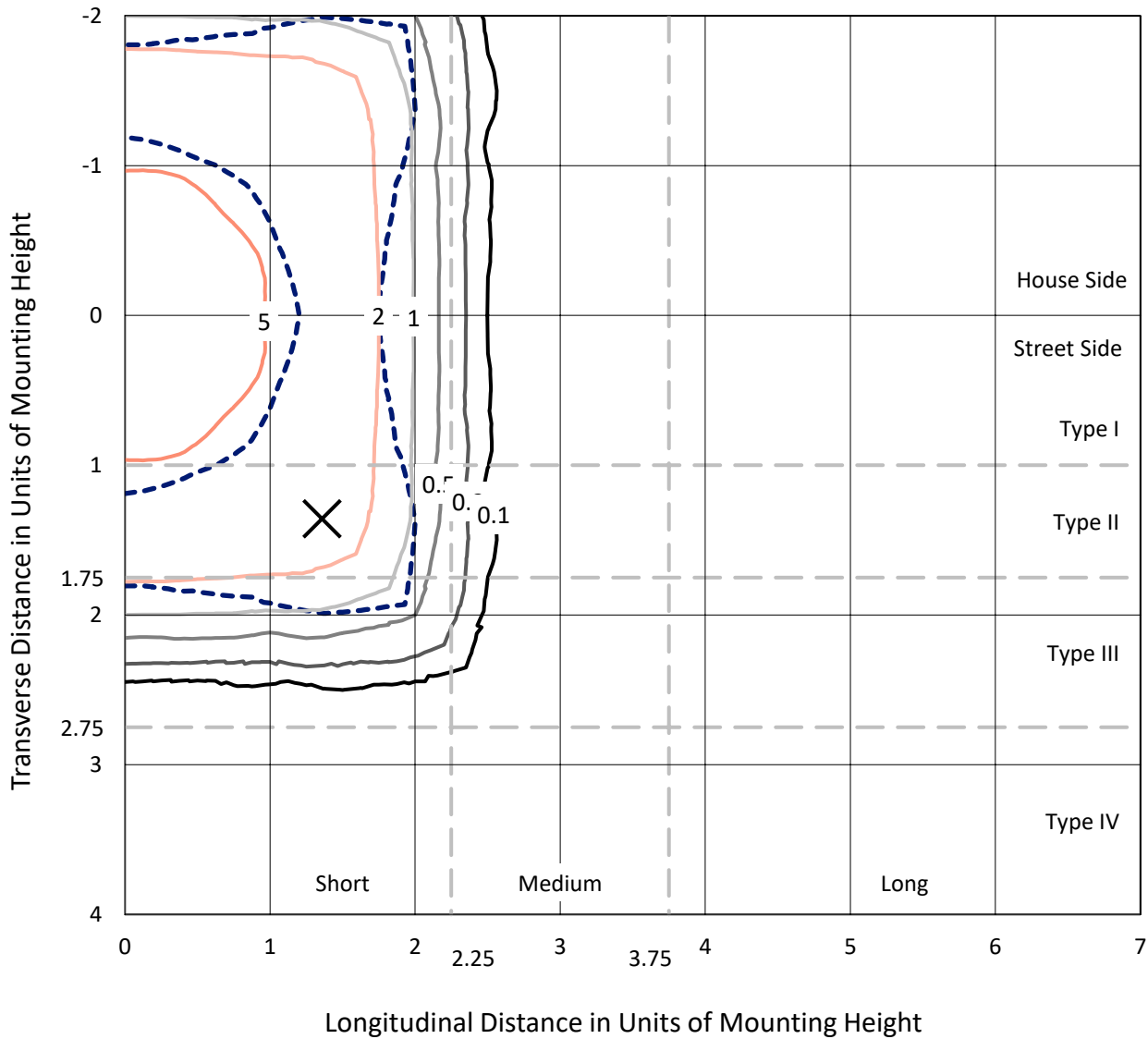
Lumens per Lamp: N/A  
Luminaire Lumens: 5833.9 lumens  
Efficiency: N/A  
Efficacy: 99.9 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B2 - U0 - G1  
  
Input Watts (W): 58.4  
Input Voltage (V): 120  
Input Current (Ain): NR  
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: P630593  
 CATALOG NUMBER: GWS-SA1E-722-U-5NQ-W

### Iso-Footcandle Lines of Horizontal Illumination

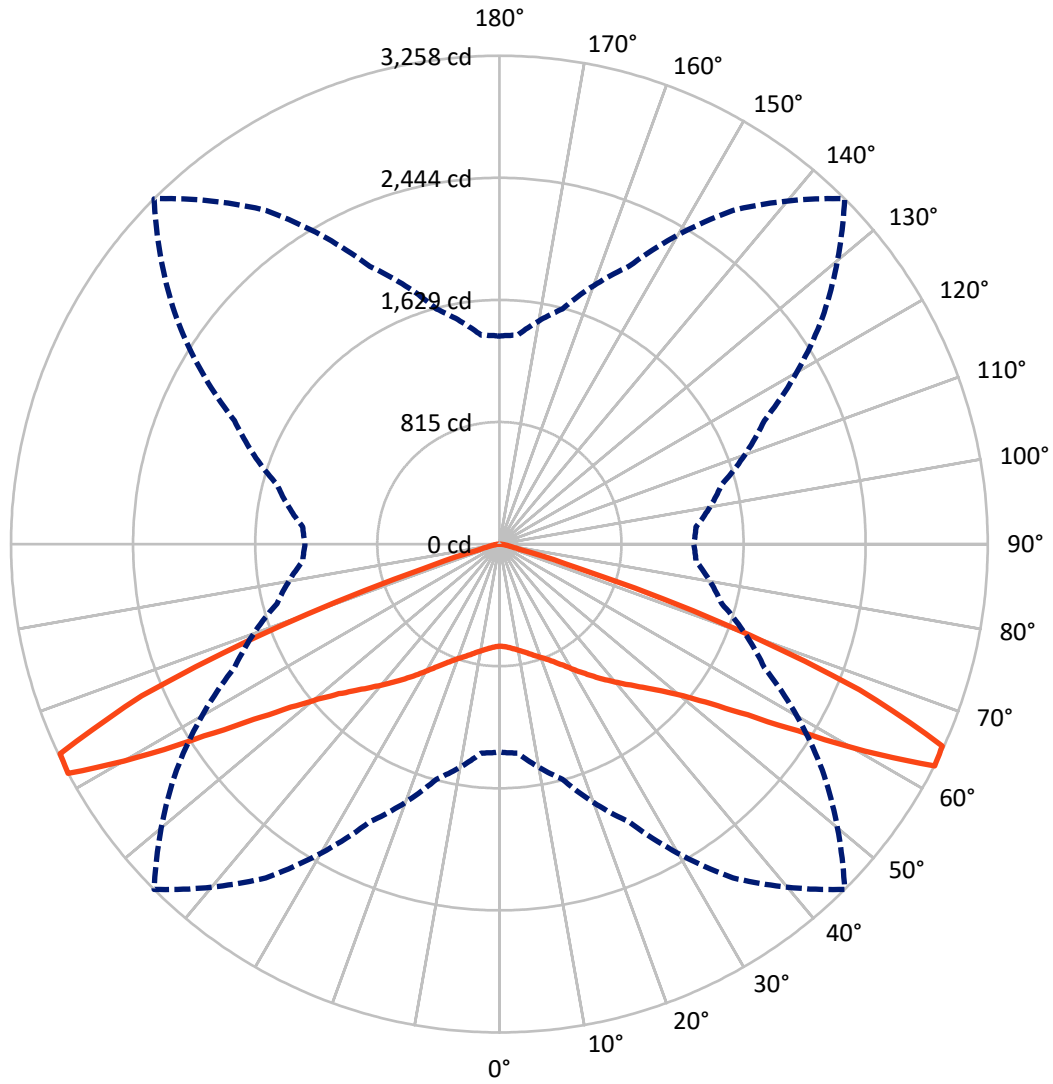
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 6.9 fc  
 Type V - Short - N/A

REPORT NUMBER: P630593  
CATALOG NUMBER: GWS-SA1E-722-U-5NQ-W

### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral    - - - Horizontal Cone Through 62.5-Deg Vertical

REPORT NUMBER: P630593

CATALOG NUMBER: GWS-SA1E-722-U-5NQ-W

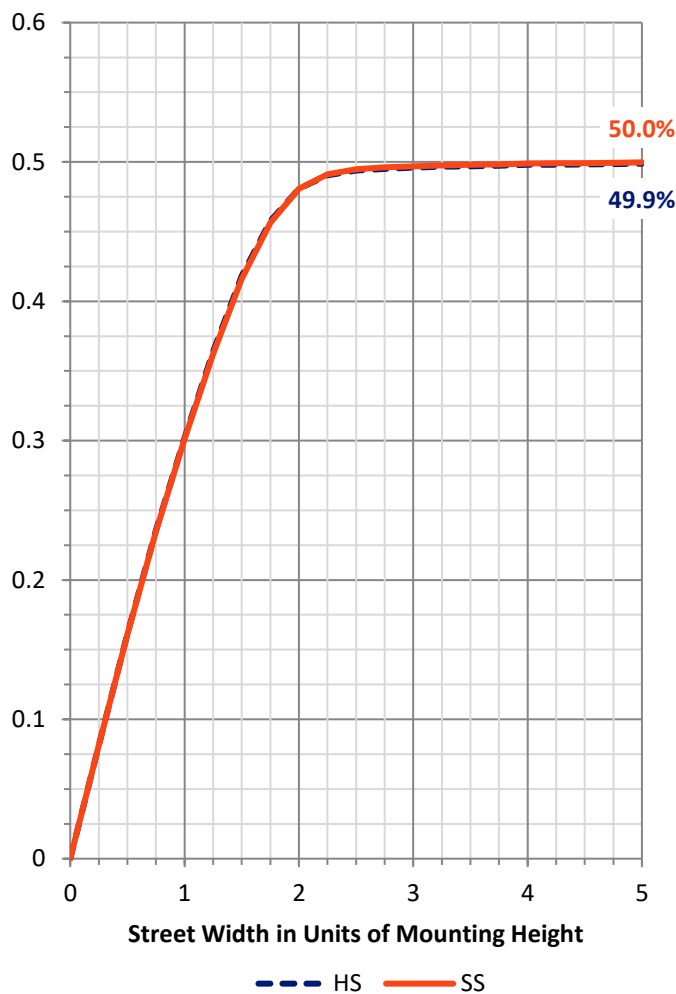
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2916.9	0.0	2916.9
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	2916.9	0.0	2916.9
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	5833.9	0.0	5833.9
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	66.8	1.1
10°-20°	215.3	3.7
20°-30°	407.4	7.0
30°-40°	685.7	11.8
40°-50°	1095.6	18.8
50°-60°	1766.0	30.3
60°-70°	1440.9	24.7
70°-80°	139.9	2.4
80°-90°	16.3	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°	5833.9	100.0
0°-180°	5833.9	100.0

**Coefficient of Utilization**



REPORT NUMBER: P630593

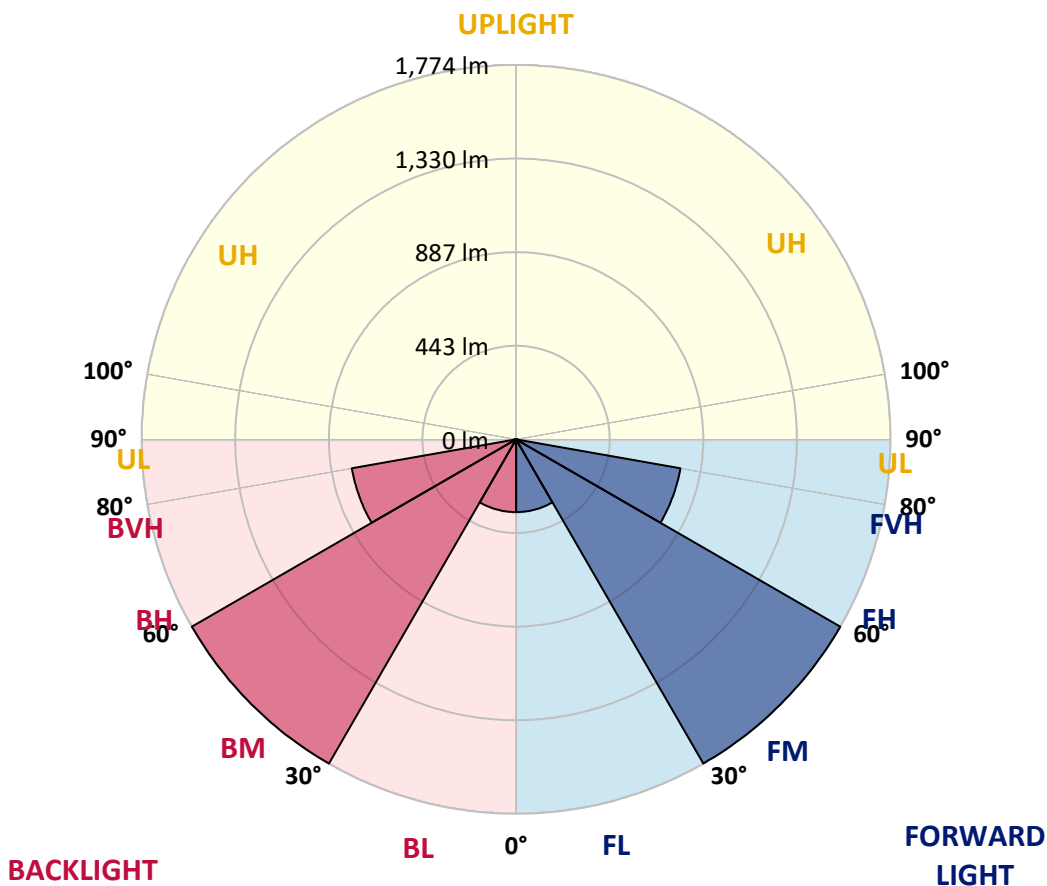
CATALOG NUMBER: GWS-SA1E-722-U-5NQ-W

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	344.8	5.9			
FM (30°-60°)	1773.7	30.4			
FH (60°-80°)	790.4	13.5			G1/1800
FVH (80°-90°)	8.1	0.1			G0/10
BL (0°-30°)	344.8	5.9	B1/500		
BM (30°-60°)	1773.7	30.4	B2/2500		
BH (60°-80°)	790.4	13.5	B2/1000		G1/1800
BVH (80°-90°)	8.1	0.1			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G1**

Type V Short





REPORT NUMBER: P630593  
 CATALOG NUMBER: GWS-SA1E-722-U-5NQ-W

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	680.6	680.6	680.6	680.6	680.6	680.6	680.6	680.6	680.6	680.6	680.6
2.5°	679.8	679.8	681.4	682.6	681.8	685.0	684.6	683.8	683.4	682.2	685.8
5°	689.0	689.0	690.2	691.4	689.4	693.4	691.8	691.0	690.6	689.0	692.2
7.5°	699.4	700.6	701.0	703.0	701.8	706.2	705.0	703.4	702.6	700.6	703.4
10°	711.0	711.8	712.2	715.8	716.2	721.4	720.2	718.2	716.6	714.6	718.6
12.5°	726.6	727.0	728.2	732.6	733.8	737.8	737.4	734.6	732.6	729.8	734.2
15°	746.6	747.0	749.0	753.4	755.4	760.2	758.6	754.2	751.4	748.2	751.8
17.5°	767.4	769.0	771.0	775.4	778.2	783.8	781.8	777.0	774.6	771.4	773.8
20°	794.2	794.6	795.8	800.6	802.6	809.0	809.4	804.6	803.4	800.2	803.8
22.5°	823.8	824.2	825.4	830.6	834.2	838.3	840.7	837.9	835.8	831.8	836.2
25°	856.7	860.7	861.9	868.3	872.3	874.7	877.5	876.3	873.5	868.7	870.7
27.5°	902.7	903.5	905.5	912.7	915.1	917.5	920.3	920.7	916.7	911.1	913.9
30°	955.1	954.7	959.1	964.7	966.7	968.7	972.7	975.1	969.9	963.9	966.7
32.5°	1008.7	1013.5	1019.1	1024.3	1023.1	1023.9	1030.3	1034.7	1027.5	1016.7	1019.1
35°	1069.1	1072.3	1079.5	1087.1	1085.5	1084.3	1088.3	1092.7	1082.7	1068.7	1072.3
37.5°	1131.1	1135.9	1146.7	1155.9	1153.5	1147.9	1152.3	1157.1	1147.5	1131.5	1129.9
40°	1200.4	1208.0	1223.6	1231.2	1224.8	1214.0	1221.6	1233.2	1223.6	1205.2	1200.8
42.5°	1281.6	1290.8	1306.4	1318.0	1304.0	1286.4	1299.2	1316.0	1313.6	1289.2	1281.6
45°	1382.0	1388.0	1407.2	1412.8	1392.0	1367.6	1390.8	1416.4	1410.4	1384.0	1374.0
47.5°	1491.2	1500.4	1517.3	1527.7	1494.0	1463.6	1496.0	1530.5	1524.1	1499.2	1487.6
50°	1630.5	1642.5	1664.5	1673.3	1626.9	1592.1	1633.7	1677.3	1664.9	1631.7	1616.5
52.5°	1782.1	1791.7	1829.3	1847.0	1803.3	1765.7	1802.1	1845.0	1818.5	1774.5	1754.1
55°	1915.8	1925.4	1980.6	2039.0	2037.0	2011.0	2029.4	2030.2	1958.6	1885.8	1864.2
57.5°	1944.6	1954.2	2059.4	2212.3	2320.3	2350.3	2296.3	2182.7	2002.2	1874.6	1850.2
60°	1790.9	1801.7	1969.0	2248.3	2603.6	2804.0	2555.2	2179.5	1867.4	1694.5	1671.3
62.5°	1387.6	1399.2	1624.1	2043.4	2718.0	3258.2	2630.4	1950.2	1536.1	1317.2	1296.8
65°	662.6	662.6	948.3	1465.6	2489.9	3247.4	2412.7	1442.8	924.7	710.2	692.6
67.5°	164.0	164.8	244.1	570.6	1693.7	2591.6	1721.3	692.6	325.7	230.5	224.5
70°	102.4	102.0	113.2	154.4	592.6	1572.9	703.8	208.9	132.4	116.8	116.0
72.5°	79.6	79.6	85.2	98.8	155.2	535.8	205.3	116.0	96.0	86.4	86.4
75°	62.8	62.8	66.8	74.0	91.6	138.0	109.2	86.0	74.4	68.0	67.2
77.5°	46.8	47.6	50.8	55.6	62.4	77.6	69.2	64.8	58.0	53.2	51.6
80°	30.4	31.6	35.6	38.4	40.8	51.2	45.2	47.2	44.0	38.4	37.6
82.5°	16.4	16.8	21.6	22.4	23.2	28.0	28.8	30.0	31.2	24.4	22.8
85°	6.0	6.0	7.2	8.4	9.2	10.0	13.6	16.8	17.6	14.0	13.6
87.5°	1.2	1.2	1.2	0.8	0.8	0.8	2.4	4.4	7.2	5.6	5.6
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)