

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: P630591

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

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P630591  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-8)  
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-GRSBK  
Description: GALLEON WALL SLIM LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V NARROW OPTICS W/ FACTORY INSTALLED GLARE SHIELD, BK  
Light Source: (16) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

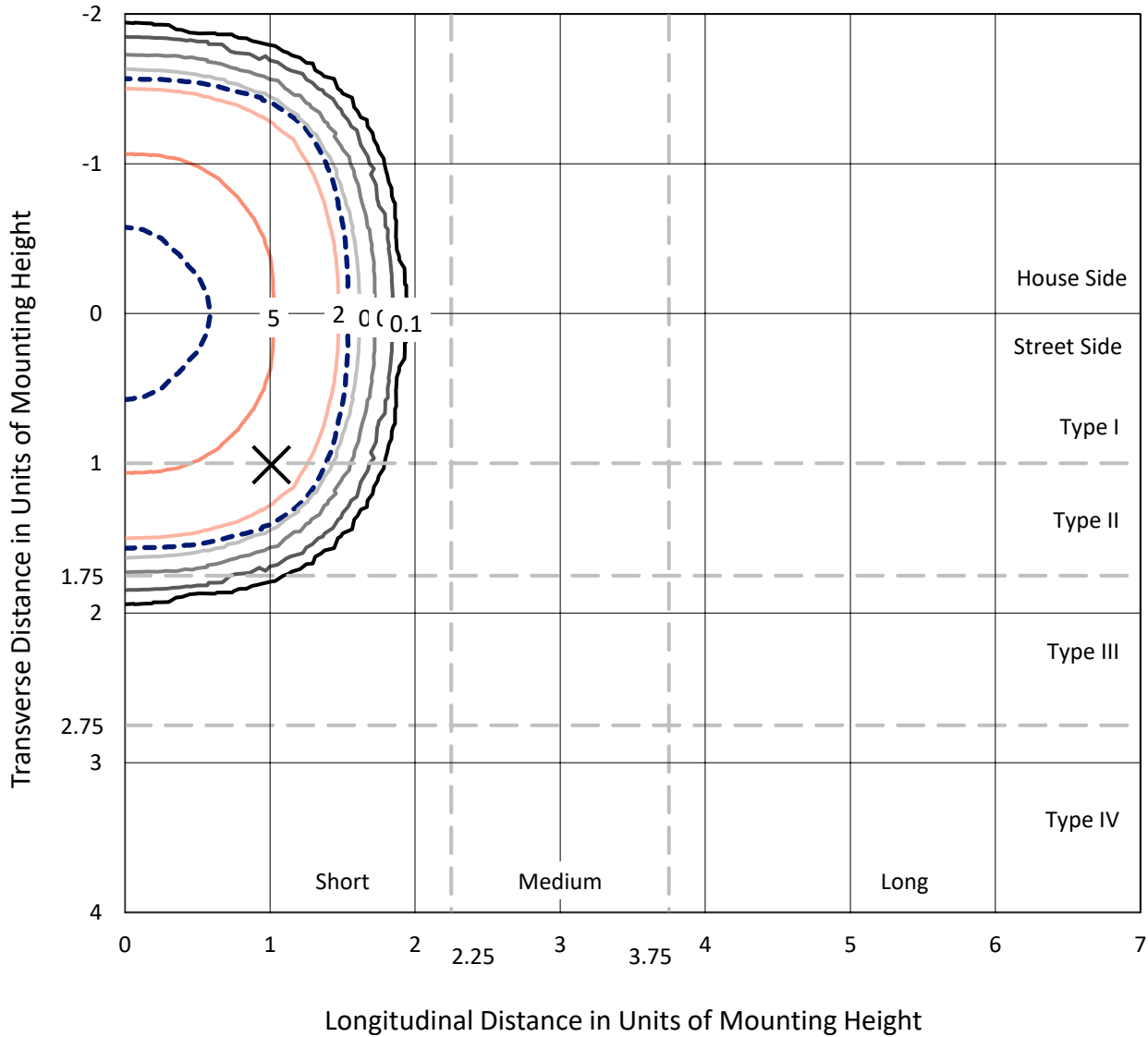
Lumens per Lamp: N/A  
Luminaire Lumens: 3927.7 lumens  
Efficiency: N/A  
Efficacy: 67.3 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B2 - U0 - G0  
  
Input Watts (W): 58.4  
Input Voltage (V): 120  
Input Current (Ain): NR  
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: P630591  
 CATALOG NUMBER: GWS-SA1E-722-U-5NQ-W-GRSBK

### Iso-Footcandle Lines of Horizontal Illumination

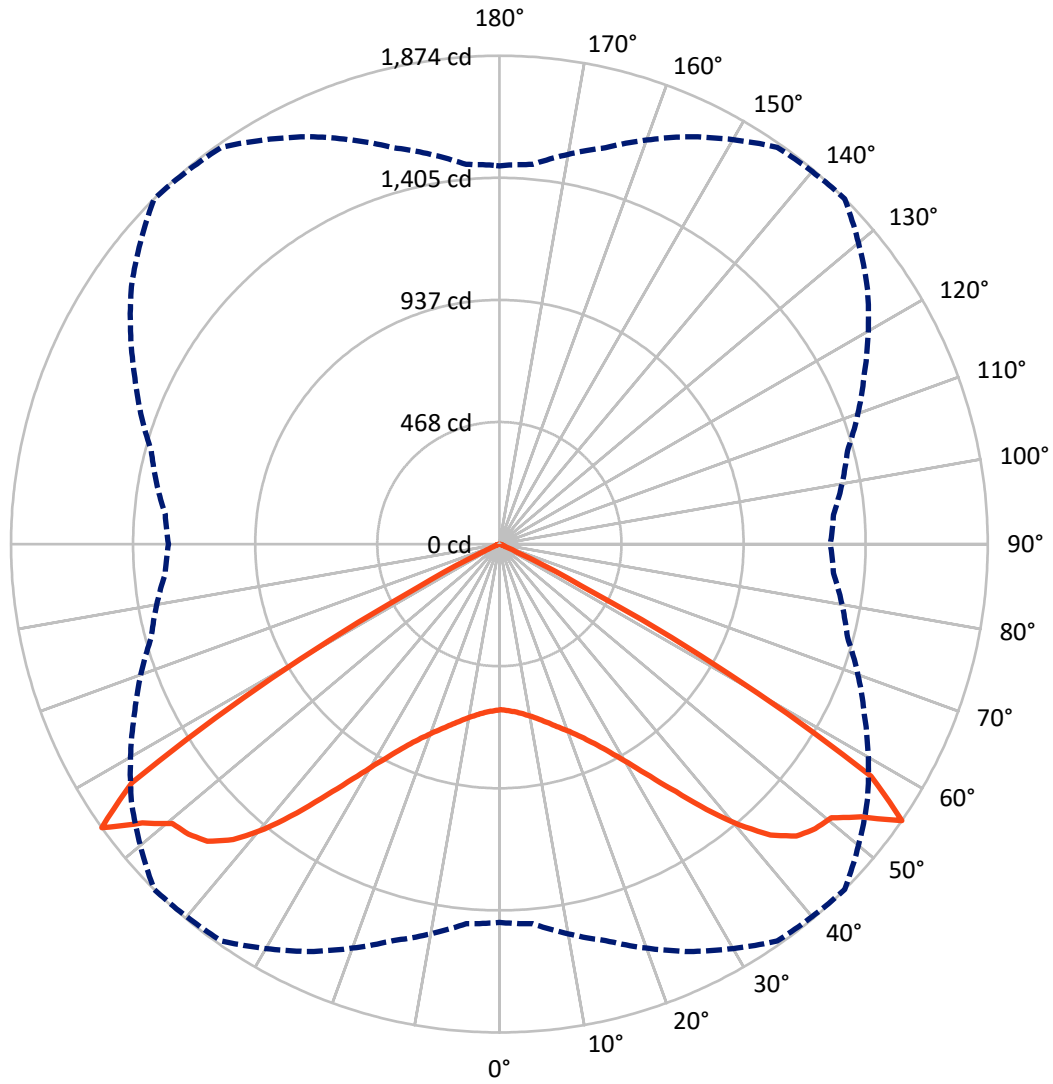
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 6.4 fc  
 Type V - Short - N/A

REPORT NUMBER: P630591  
CATALOG NUMBER: GWS-SA1E-722-U-5NQ-W-GRSBK

### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral    - - - Horizontal Cone Through 55-Deg Vertical

REPORT NUMBER: P630591

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

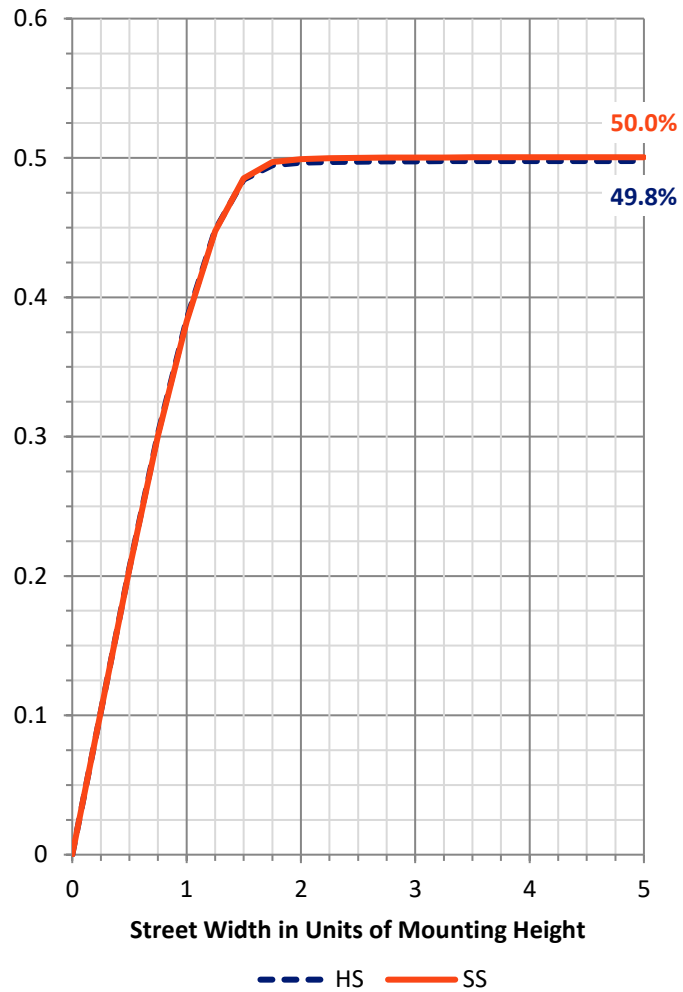
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1963.8	0.0	1963.8
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	1963.8	0.0	1963.8
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	3927.7	0.0	3927.7
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	62.2	1.6
10°-20°	201.7	5.1
20°-30°	390.6	9.9
30°-40°	699.8	17.8
40°-50°	1173.2	29.9
50°-60°	1255.9	32.0
60°-70°	138.0	3.5
70°-80°	6.1	0.2
80°-90°	0.3	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°	3927.7	100.0
0°-180°	3927.7	100.0

**Coefficient of Utilization**



REPORT NUMBER: P630591

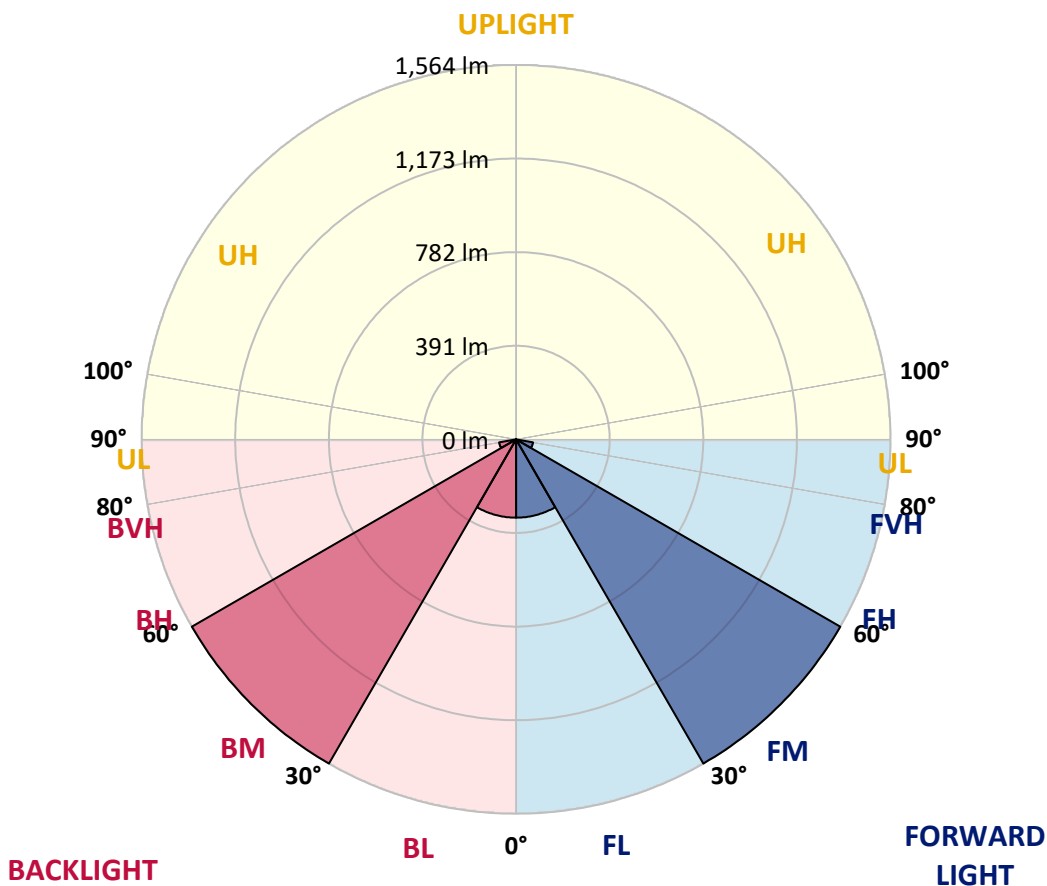
CATALOG NUMBER: GWS-SA1E-722-U-5NQ-W-GRSBK

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	327.2	8.3			
FM (30°-60°)	1564.4	39.8			
FH (60°-80°)	72.0	1.8			G0/660
FVH (80°-90°)	0.1	0.0			G0/10
BL (0°-30°)	327.2	8.3	B1/500		
BM (30°-60°)	1564.4	39.8	B2/2500		
BH (60°-80°)	72.0	1.8	B0/110		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: P630591

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

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	635.0	635.0	635.0	635.0	635.0	635.0	635.0	635.0	635.0	635.0	635.0
2.5°	633.8	633.8	635.4	636.6	636.6	639.8	638.6	637.4	637.4	635.8	639.0
5°	643.0	642.6	644.2	645.0	643.4	646.6	644.6	643.4	642.6	641.0	644.2
7.5°	653.0	653.4	653.8	655.4	654.6	657.8	656.2	653.8	653.0	650.6	653.8
10°	665.0	665.0	665.8	667.8	668.2	672.2	670.6	667.8	665.4	663.0	666.2
12.5°	680.3	680.7	681.9	684.7	686.3	690.7	688.3	682.7	679.0	676.2	679.8
15°	702.3	701.9	703.5	707.5	709.5	712.7	709.1	701.5	697.1	693.9	696.3
17.5°	726.3	726.3	727.1	731.1	733.9	738.7	734.3	725.1	721.1	716.7	719.1
20°	752.7	753.9	754.7	757.5	762.3	767.1	763.5	754.3	749.9	744.3	747.1
22.5°	787.5	786.3	786.7	791.5	798.3	803.1	800.3	789.5	781.9	777.5	779.1
25°	826.3	825.9	827.1	834.3	841.9	847.1	843.1	829.1	821.5	813.9	817.1
27.5°	873.9	874.3	875.1	883.9	895.9	903.5	893.5	879.5	869.1	859.1	861.5
30°	930.3	929.5	931.9	943.9	961.6	973.6	962.0	942.3	927.5	917.9	919.1
32.5°	990.4	991.2	997.6	1016.8	1040.0	1061.2	1037.6	1011.6	992.4	974.4	976.8
35°	1055.2	1057.2	1071.6	1100.0	1138.0	1166.4	1133.6	1090.8	1063.6	1040.4	1041.2
37.5°	1131.6	1136.4	1156.4	1198.8	1253.3	1291.3	1243.3	1186.4	1151.2	1122.4	1120.4
40°	1232.1	1237.7	1264.9	1315.3	1381.3	1416.1	1360.5	1302.1	1258.5	1227.3	1222.4
42.5°	1347.3	1354.5	1384.1	1435.7	1501.8	1525.4	1470.9	1421.7	1382.5	1345.7	1344.1
45°	1477.3	1481.3	1505.4	1545.0	1592.6	1598.2	1557.4	1530.2	1490.5	1456.1	1453.3
47.5°	1599.4	1603.4	1619.8	1640.2	1651.4	1631.4	1624.2	1612.2	1561.0	1518.6	1509.8
50°	1692.2	1695.4	1715.8	1723.8	1692.6	1650.2	1664.2	1638.6	1583.0	1535.4	1521.8
52.5°	1685.8	1693.8	1746.2	1791.9	1772.3	1737.8	1700.2	1645.0	1558.6	1493.3	1476.5
55°	1451.3	1462.1	1574.6	1724.6	1858.7	1873.5	1723.0	1545.0	1382.5	1286.9	1269.7
57.5°	932.7	935.5	1072.8	1283.3	1585.4	1680.6	1428.9	1164.8	962.8	857.5	850.3
60°	342.9	337.3	441.0	615.4	913.1	1014.0	841.1	589.0	420.2	345.7	339.7
62.5°	82.4	83.2	103.2	154.9	286.5	354.5	280.1	156.5	99.6	83.6	82.8
65°	41.6	40.8	41.2	44.4	61.2	73.2	60.0	42.4	40.8	41.2	40.8
67.5°	26.8	26.4	27.2	27.6	27.2	25.6	25.2	26.0	26.0	26.4	25.6
70°	16.4	16.0	16.8	18.0	17.2	15.2	16.0	16.8	16.0	15.6	15.6
72.5°	8.8	8.8	9.6	10.4	9.6	8.8	8.8	9.2	8.8	8.8	8.8
75°	4.0	4.0	4.4	4.8	4.0	4.0	4.0	4.0	4.0	4.0	4.0
77.5°	1.2	1.2	1.6	1.6	1.2	1.2	1.2	1.2	1.6	1.6	1.6
80°	0.4	0.8	0.8	0.4	0.4	0.4	0.4	0.4	0.8	0.8	0.8
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
85°	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	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)