

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: P634554

Luminaire Tested: GWS-SA3C-722-U-5WQ-W-GRSBK

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P634554  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-2)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 1/10/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: McGRAW-EDISON  
Catalog Number: GWS-SA3C-722-U-5WQ-W-GRSBK  
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND  
TYPE V WIDE OPTICS W/ FACTORY INSTALLED GLARE SHIELD, BK  
Light Source: (48) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

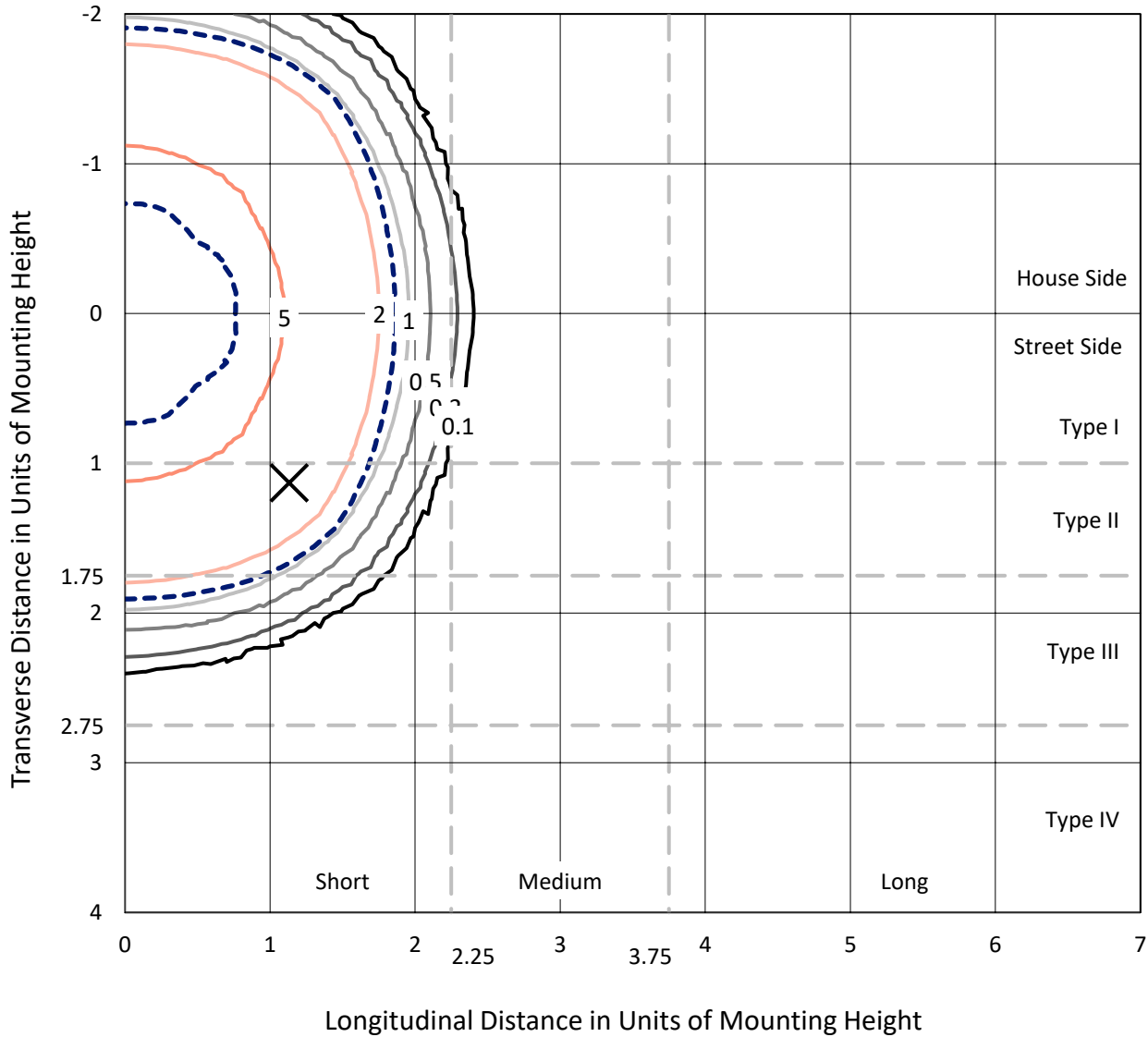
Lumens per Lamp: N/A  
Luminaire Lumens: 5407.3 lumens  
Efficiency: N/A  
Efficacy: 58.1 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B2 - U0 - G0  
  
Input Watts (W): 93  
Input Voltage (V): 120  
Input Current (Ain): NR  
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: P634554  
 CATALOG NUMBER: GWS-SA3C-722-U-5WQ-W-GRSBK

### Iso-Footcandle Lines of Horizontal Illumination

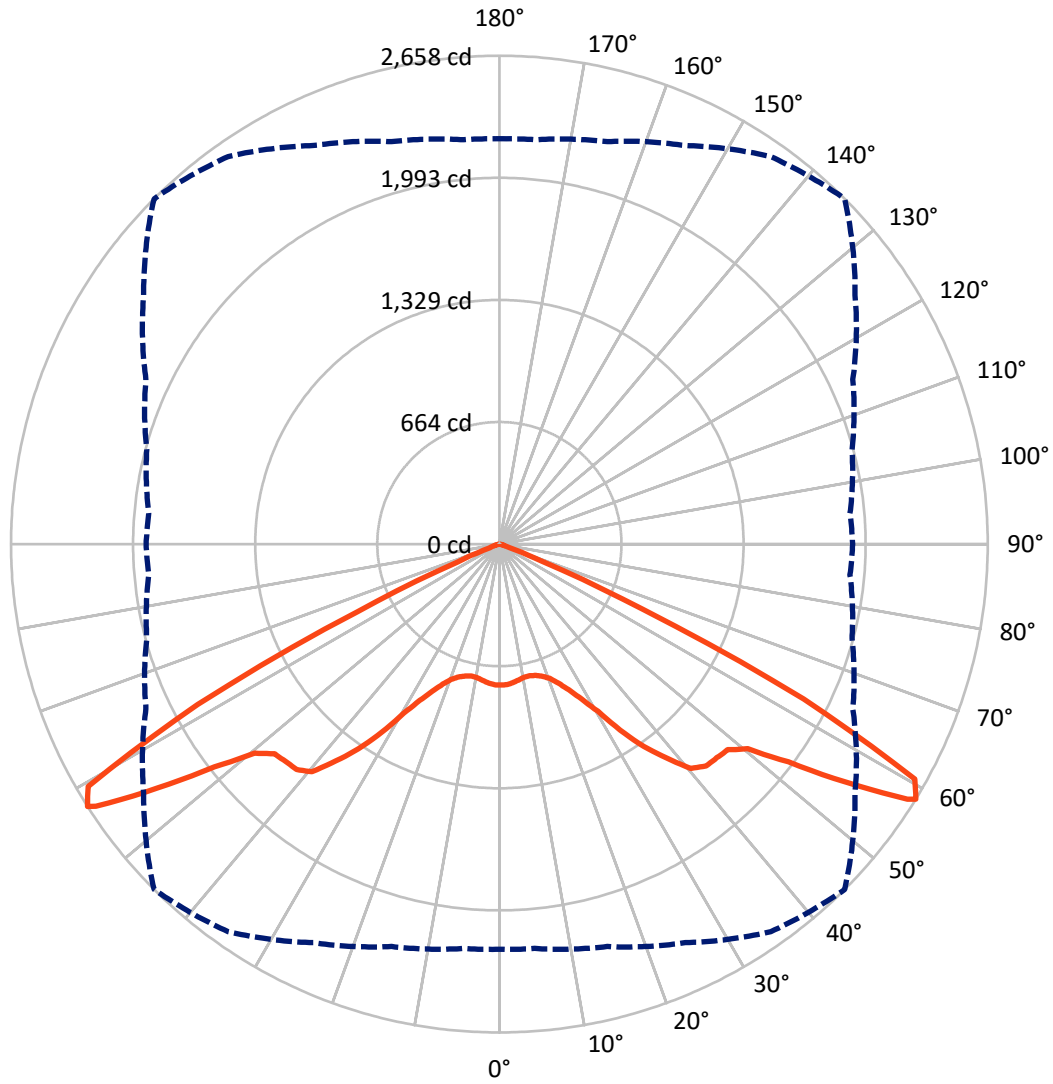
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 7.7 fc  
 Type V - Short - N/A

REPORT NUMBER: P634554  
CATALOG NUMBER: GWS-SA3C-722-U-5WQ-W-GRSBK

### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral    - - - Horizontal Cone Through 58-Deg Vertical

REPORT NUMBER: P634554

CATALOG NUMBER: GWS-SA3C-722-U-5WQ-W-GRSBK

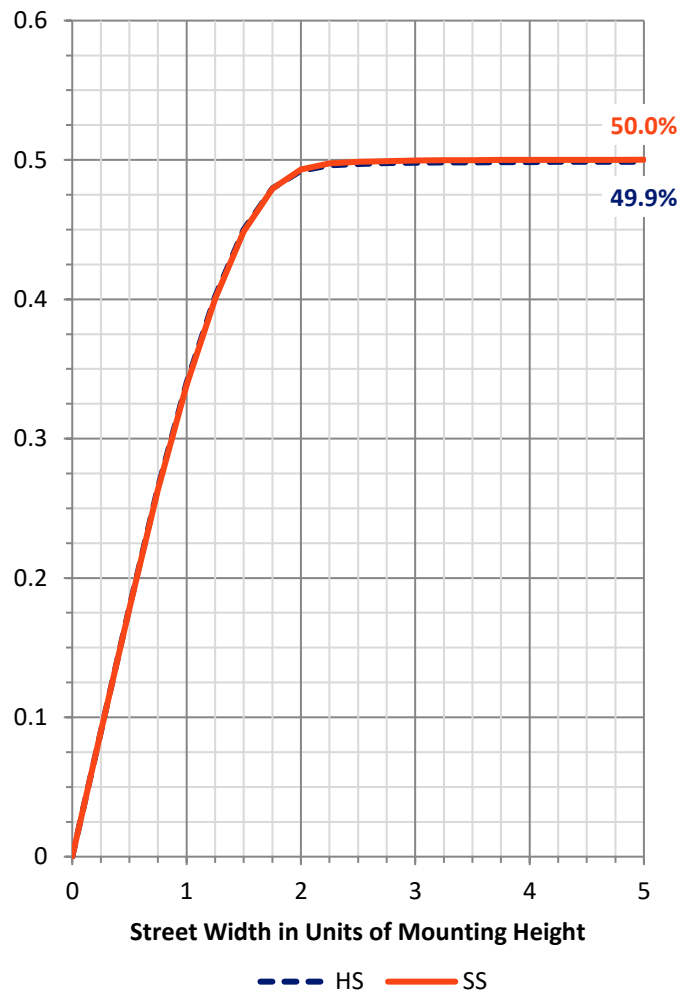
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2703.6	0.0	2703.6
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	2703.6	0.0	2703.6
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	5407.3	0.0	5407.3
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	71.5	1.3
10°-20°	211.7	3.9
20°-30°	400.4	7.4
30°-40°	789.6	14.6
40°-50°	1249.6	23.1
50°-60°	1836.8	34.0
60°-70°	819.9	15.2
70°-80°	27.5	0.5
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°	5407.3	100.0
0°-180°	5407.3	100.0

**Coefficient of Utilization**



REPORT NUMBER: P634554

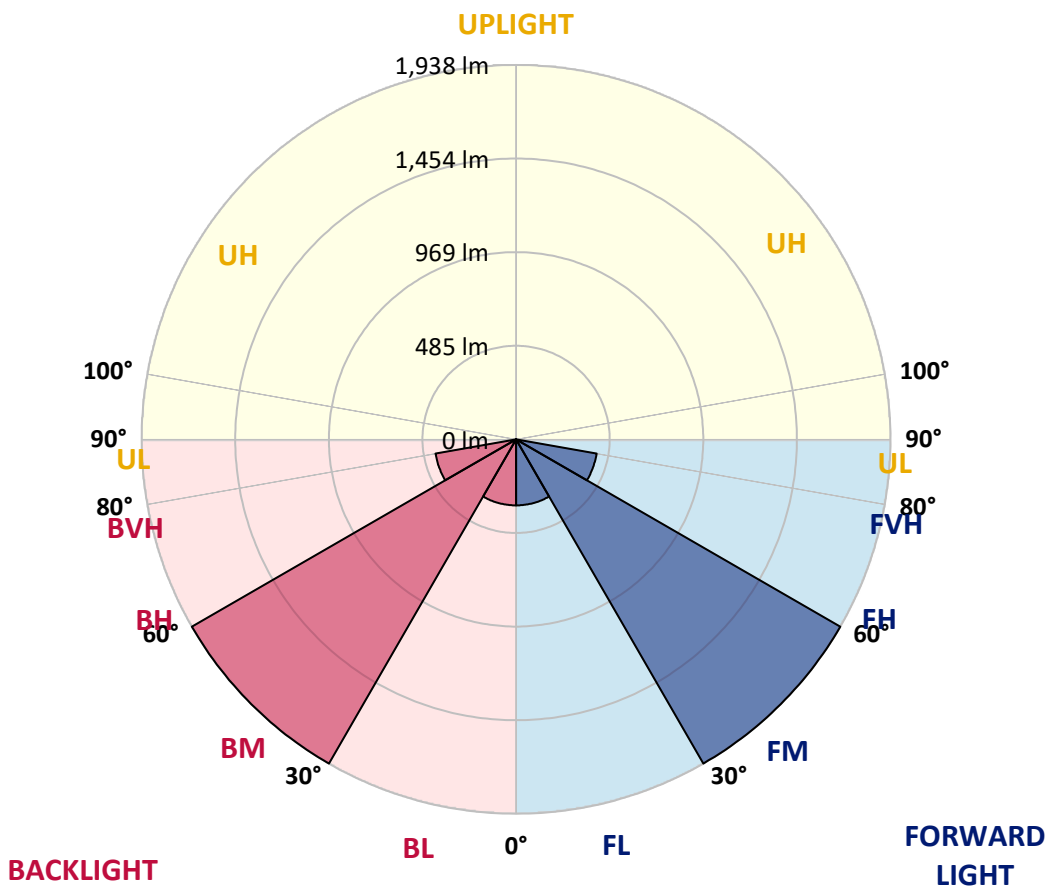
CATALOG NUMBER: GWS-SA3C-722-U-5WQ-W-GRSBK

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	341.8	6.3			
FM (30°-60°)	1938.0	35.8			
FH (60°-80°)	423.7	7.8			G0/660
FVH (80°-90°)	0.1	0.0			G0/10
BL (0°-30°)	341.8	6.3	B1/500		
BM (30°-60°)	1938.0	35.8	B2/2500		
BH (60°-80°)	423.7	7.8	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: P634554

CATALOG NUMBER: GWS-SA3C-722-U-5WQ-W-GRSBK

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	766.8	766.8	766.8	766.8	766.8	766.8	766.8	766.8	766.8	766.8	766.8
2.5°	759.5	760.9	762.4	763.1	763.9	766.1	766.8	764.6	764.6	760.2	765.4
5°	755.8	757.3	758.7	758.0	758.0	758.0	757.3	754.3	753.6	749.1	754.3
7.5°	749.1	750.6	750.6	748.4	746.9	746.9	746.2	742.5	741.8	737.4	742.5
10°	744.0	744.7	744.0	739.6	736.6	736.6	735.9	734.4	735.2	732.2	736.6
12.5°	746.9	747.7	744.7	738.8	735.2	734.4	732.2	730.0	732.2	731.5	735.9
15°	756.5	757.3	752.1	744.7	741.8	741.8	735.9	730.0	732.9	733.7	738.8
17.5°	768.3	768.3	761.7	755.0	755.8	755.8	746.2	735.9	736.6	739.6	744.7
20°	782.3	782.3	775.7	774.2	779.3	780.1	768.3	752.1	748.4	750.6	756.5
22.5°	807.3	807.3	802.2	805.9	817.7	821.3	803.7	780.8	772.0	773.5	779.3
25°	846.4	846.4	844.9	853.7	870.7	878.8	855.2	825.0	810.3	808.1	814.7
27.5°	911.9	912.7	910.5	923.7	945.1	954.7	922.3	882.5	864.8	861.1	867.7
30°	996.7	996.7	997.4	1015.8	1043.8	1056.3	1013.6	967.2	946.6	934.8	943.6
32.5°	1090.9	1092.4	1099.8	1130.7	1180.1	1205.9	1143.2	1078.4	1045.3	1032.7	1042.3
35°	1246.4	1232.4	1223.5	1246.4	1317.8	1351.7	1271.4	1195.5	1170.5	1169.0	1193.3
37.5°	1400.3	1392.2	1373.8	1397.4	1461.5	1476.9	1388.5	1325.2	1307.5	1317.1	1341.4
40°	1522.6	1507.9	1483.6	1505.7	1589.6	1605.1	1496.1	1433.5	1426.8	1448.2	1481.4
42.5°	1619.1	1598.5	1566.1	1571.2	1639.0	1650.0	1553.5	1506.4	1510.8	1537.3	1574.9
45°	1662.6	1646.4	1617.6	1615.4	1658.1	1658.9	1583.0	1558.7	1570.5	1591.1	1620.6
47.5°	1681.0	1673.6	1657.4	1653.7	1678.0	1672.1	1625.0	1614.7	1625.7	1631.6	1648.6
50°	1726.7	1726.7	1728.9	1731.8	1756.9	1751.0	1717.8	1706.0	1692.0	1671.4	1676.6
52.5°	1854.8	1860.0	1881.3	1904.9	1950.6	1969.7	1916.0	1847.5	1780.4	1735.5	1735.5
55°	2086.1	2091.3	2116.3	2156.1	2240.1	2285.7	2160.5	2009.5	1917.4	1856.3	1864.4
57.5°	2213.6	2219.5	2271.0	2378.6	2541.4	2618.7	2349.8	2125.9	1997.0	1927.0	1932.9
58°	2205.5	2209.1	2267.3	2393.3	2574.5	2657.7	2363.1	2122.2	1986.7	1915.2	1922.6
60°	1959.4	1954.3	2047.1	2226.8	2482.4	2597.3	2231.2	1937.3	1779.7	1706.8	1710.4
62.5°	1281.0	1283.9	1364.2	1552.1	1751.0	1859.2	1558.7	1339.9	1213.2	1169.0	1158.0
65°	534.8	525.2	574.6	679.2	798.5	858.9	738.1	624.7	546.6	517.1	525.2
67.5°	137.7	134.1	137.0	171.6	209.9	248.2	208.5	159.1	138.5	140.0	140.0
70°	78.1	73.7	59.7	55.2	53.8	53.8	53.8	53.8	61.9	72.9	75.1
72.5°	58.9	55.2	43.5	37.6	33.1	30.9	32.4	37.6	44.9	54.5	56.0
75°	29.5	29.5	26.5	25.0	22.1	20.6	21.4	23.6	27.3	30.9	30.2
77.5°	5.9	6.6	7.4	8.8	7.4	7.4	7.4	8.8	8.8	9.6	8.8
80°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
82.5°	0.0	0.7	0.7	0.0	0.0	0.0	0.0	0.7	0.7	0.7	0.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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)