

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: P634552

Luminaire Tested: GWS-SA3C-722-U-5NQ-W-GRSWH

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P634552  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-9)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 1/10/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: McGRAW-EDISON  
Catalog Number: GWS-SA3C-722-U-5NQ-W-GRSWH  
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V NARROW OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH  
Light Source: (48) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

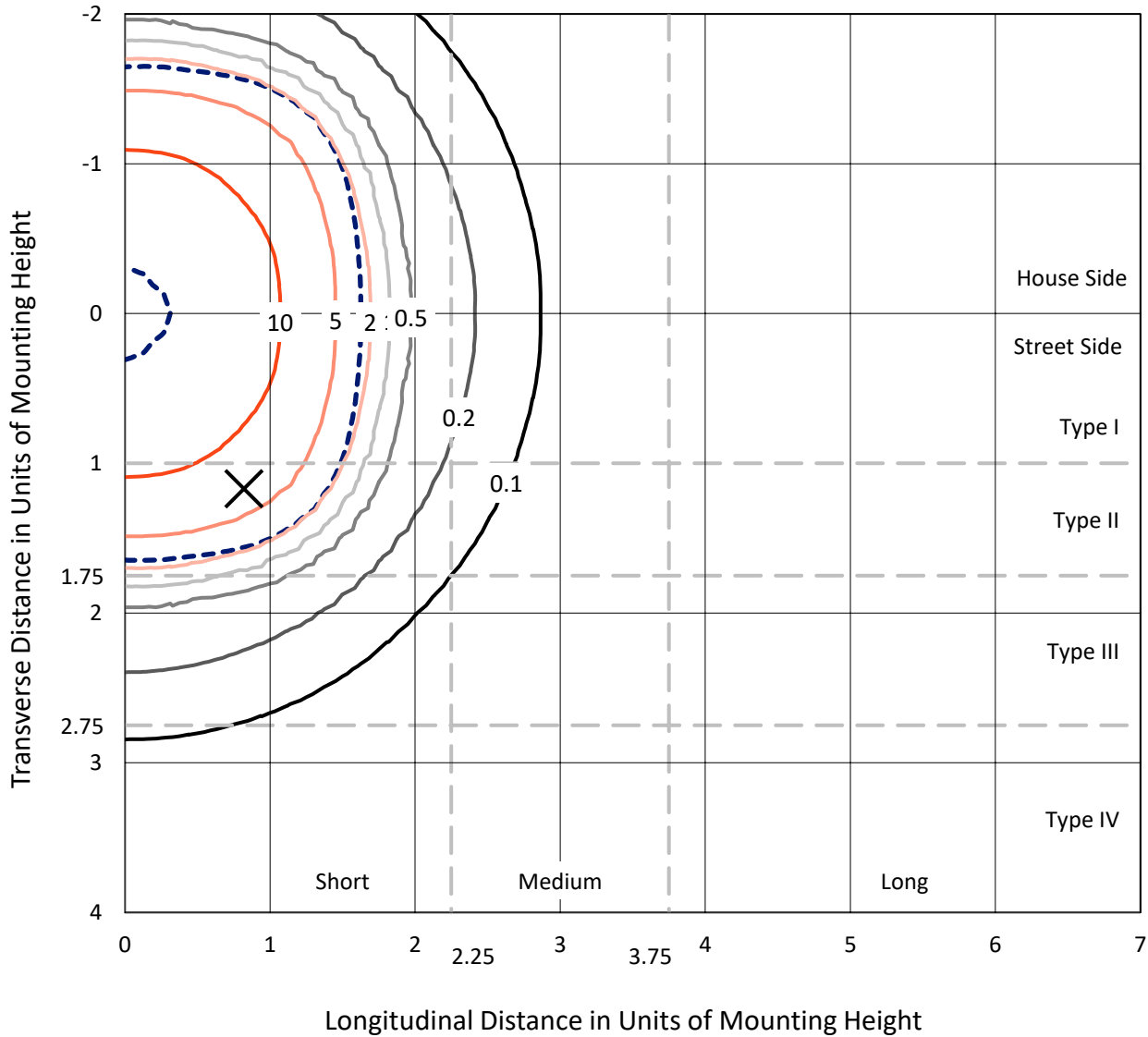
Lumens per Lamp: N/A  
Luminaire Lumens: 9315 lumens  
Efficiency: N/A  
Efficacy: 100.2 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B3 - U0 - G1  
  
Input Watts (W): 93  
Input Voltage (V): 120  
Input Current (Ain): NR  
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: P634552  
 CATALOG NUMBER: GWS-SA3C-722-U-5NQ-W-GRSWH

### Iso-Footcandle Lines of Horizontal Illumination

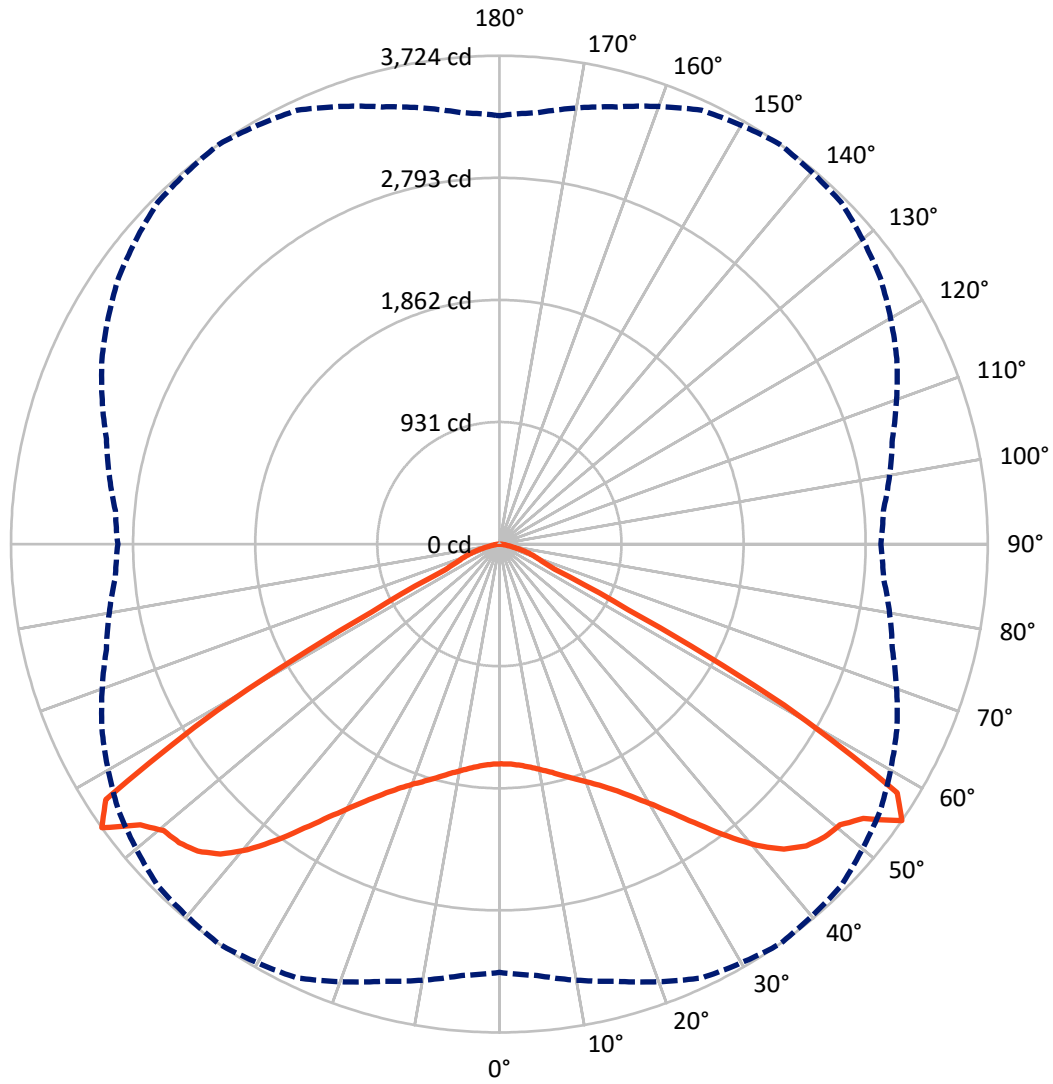
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 16.8 fc  
 Type V - Short - N/A

REPORT NUMBER: P634552  
CATALOG NUMBER: GWS-SA3C-722-U-5NQ-W-GRSWH

### Luminous Intensity Polar Plot



— Vertical Plane Through 35-Deg Lateral    - - - Horizontal Cone Through 55-Deg Vertical

REPORT NUMBER: P634552

CATALOG NUMBER: GWS-SA3C-722-U-5NQ-W-GRSWH

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4657.5	0.0	4657.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	4657.5	0.0	4657.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	9315.0	0.0	9315.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	163.5	1.8
10°-20°	520.4	5.6
20°-30°	963.2	10.3
30°-40°	1611.2	17.3
40°-50°	2455.1	26.4
50°-60°	2750.3	29.5
60°-70°	650.7	7.0
70°-80°	175.4	1.9
80°-90°	25.3	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°	9315.0	100.0
0°-180°	9315.0	100.0

**Coefficient of Utilization**



REPORT NUMBER: P634552

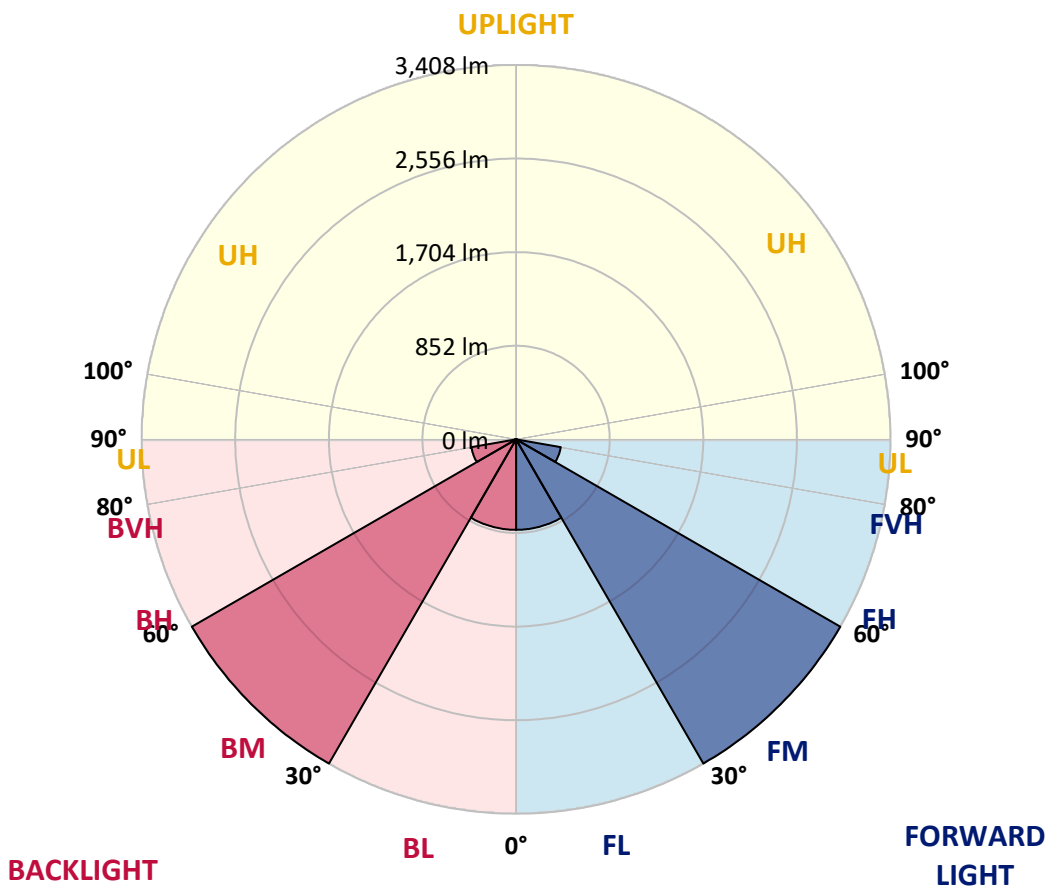
CATALOG NUMBER: GWS-SA3C-722-U-5NQ-W-GRSWH

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	823.5	8.8			
FM (30°-60°)	3408.3	36.6			
FH (60°-80°)	413.1	4.4			G0/660
FVH (80°-90°)	12.6	0.1			G1/100
BL (0°-30°)	823.5	8.8	B2/1000		
BM (30°-60°)	3408.3	36.6	B3/5000		
BH (60°-80°)	413.1	4.4	B1/500		G0/660
BVH (80°-90°)	12.6	0.1			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: P634552

CATALOG NUMBER: GWS-SA3C-722-U-5NQ-W-GRSWH

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1675.8	1675.8	1675.8	1675.8	1675.8	1675.8	1675.8	1675.8	1675.8	1675.8	1675.8
2.5°	1672.1	1672.1	1675.1	1678.7	1679.5	1686.8	1685.4	1682.4	1680.9	1678.0	1684.6
5°	1690.5	1691.3	1693.5	1695.7	1694.2	1700.1	1697.9	1694.2	1692.0	1688.3	1694.9
7.5°	1714.8	1714.8	1717.0	1720.0	1718.5	1727.4	1722.9	1717.8	1714.1	1709.7	1715.6
10°	1736.9	1738.4	1740.6	1746.5	1749.5	1759.0	1756.1	1748.7	1742.8	1737.7	1744.3
12.5°	1770.1	1771.6	1773.8	1781.9	1787.0	1796.6	1792.2	1781.9	1773.0	1765.7	1773.0
15°	1812.8	1811.3	1817.2	1827.5	1834.2	1843.0	1837.8	1820.2	1808.4	1798.8	1806.2
17.5°	1856.3	1855.5	1861.4	1874.7	1884.3	1896.0	1887.2	1866.6	1854.1	1842.3	1849.6
20°	1903.4	1905.6	1911.5	1924.0	1938.0	1953.5	1946.1	1924.0	1910.0	1896.8	1902.7
22.5°	1961.6	1962.3	1969.0	1985.2	2003.6	2018.3	2013.9	1986.6	1969.0	1955.0	1962.3
25°	2031.6	2030.8	2039.7	2058.8	2084.6	2099.3	2089.8	2059.6	2040.4	2024.2	2030.1
27.5°	2111.9	2111.1	2124.4	2149.4	2186.3	2206.9	2187.0	2149.4	2122.9	2100.1	2105.2
30°	2212.8	2210.6	2225.3	2259.2	2307.1	2341.7	2312.2	2259.9	2225.3	2201.0	2206.2
32.5°	2324.7	2327.7	2346.1	2391.8	2452.2	2497.1	2452.9	2394.7	2348.3	2313.0	2318.9
35°	2447.8	2447.8	2485.3	2542.0	2628.2	2687.9	2619.4	2535.4	2473.5	2424.9	2426.4
37.5°	2584.8	2586.2	2635.6	2713.7	2826.4	2896.4	2803.5	2699.7	2624.6	2572.3	2569.3
40°	2752.0	2756.4	2807.2	2894.2	3020.8	3084.9	2985.5	2883.8	2807.2	2745.4	2739.5
42.5°	2940.6	2942.0	2995.8	3073.9	3180.7	3219.0	3140.9	3057.7	2995.1	2939.1	2933.2
45°	3120.3	3116.6	3163.0	3221.2	3283.1	3286.8	3243.3	3209.4	3154.9	3107.0	3098.2
47.5°	3260.2	3257.3	3299.3	3331.0	3338.3	3302.2	3316.2	3321.4	3258.0	3193.2	3176.3
50°	3345.7	3351.6	3391.4	3409.0	3365.6	3306.7	3359.7	3346.4	3255.8	3171.1	3143.9
52.5°	3397.3	3406.1	3475.3	3520.3	3475.3	3419.4	3426.7	3348.6	3218.3	3106.3	3070.9
55°	3266.9	3302.2	3451.8	3650.7	3724.3	3685.3	3545.3	3344.2	3102.6	2939.8	2909.6
57.5°	2421.2	2477.2	2698.9	3129.9	3577.7	3719.9	3311.1	2803.5	2437.5	2228.3	2210.6
60°	1236.0	1298.6	1476.2	1918.9	2494.9	2695.3	2306.3	1795.1	1426.8	1257.4	1238.2
62.5°	504.6	514.9	573.1	744.0	1102.7	1272.1	1117.4	784.5	589.3	542.9	543.6
65°	397.0	399.2	396.3	406.6	461.9	512.7	473.6	416.2	405.9	411.0	407.3
67.5°	346.2	346.9	344.7	344.7	346.9	344.7	349.2	351.4	352.8	358.7	355.0
70°	289.5	290.2	290.2	291.7	291.0	287.3	293.9	296.9	297.6	301.3	299.1
72.5°	223.9	226.1	227.6	228.3	227.6	225.4	229.1	234.2	233.5	237.2	233.5
75°	151.7	154.7	156.2	159.1	158.4	158.4	162.8	165.0	162.8	165.7	162.8
77.5°	86.2	88.4	92.8	95.8	98.7	100.9	103.9	105.3	104.6	106.1	104.6
80°	50.1	50.8	54.5	56.0	59.7	63.3	66.3	67.8	68.5	69.2	68.5
82.5°	28.7	29.5	30.9	32.4	35.4	38.3	41.3	43.5	43.5	44.2	43.5
85°	14.0	14.0	14.7	15.5	16.9	19.2	21.4	23.6	24.3	24.3	24.3
87.5°	2.2	2.2	2.9	2.9	3.7	4.4	5.9	7.4	8.1	8.1	8.1
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)