

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: P635049

Luminaire Tested: GWS-SA3D-722-U-5WQ-W-GRSBK

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P635049
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-SA3D-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: 6821.7 lumens
Efficiency: N/A
Efficacy: 56.5 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

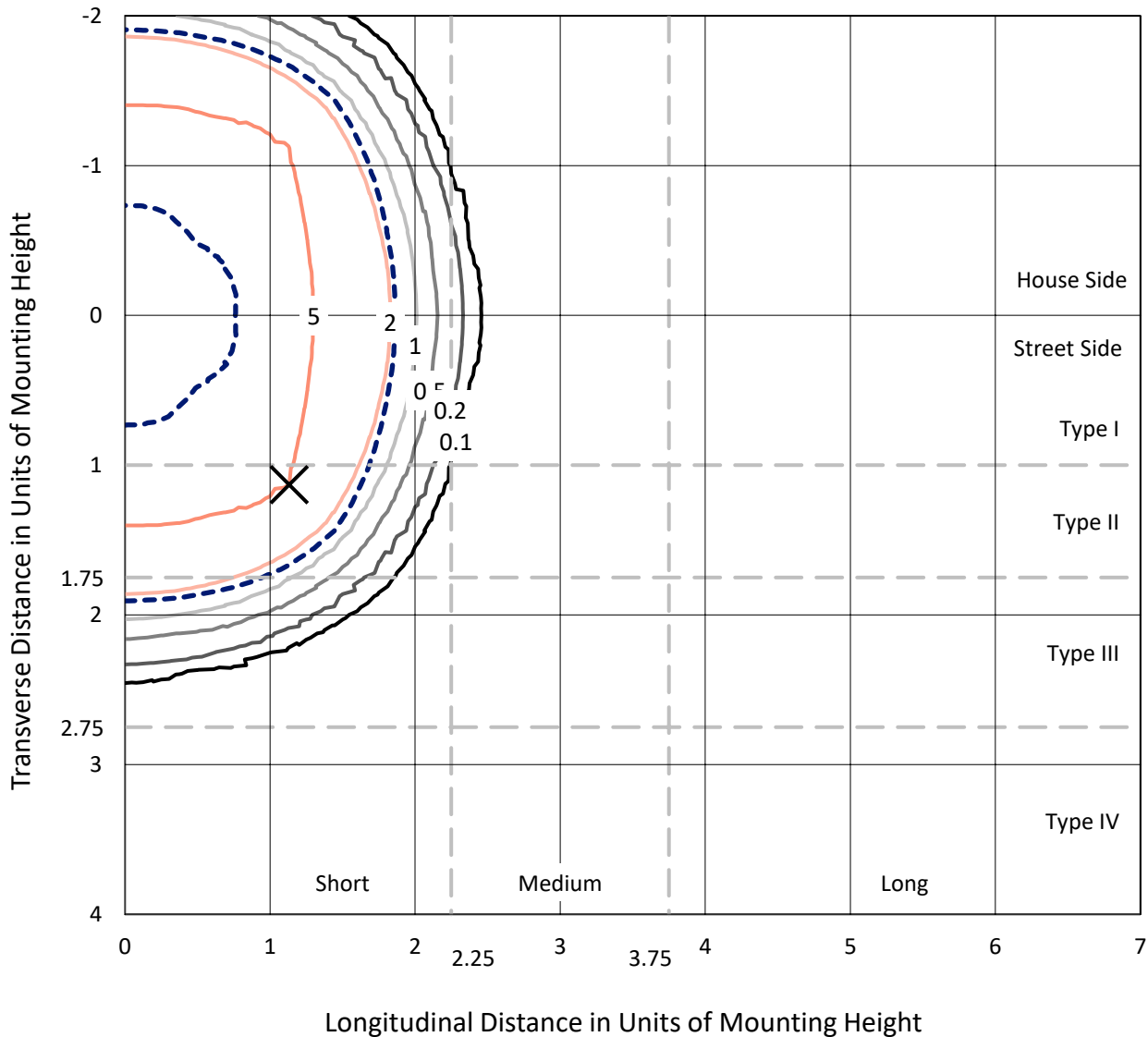
Input Watts (W): 120.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P635049
 CATALOG NUMBER: GWS-SA3D-722-U-5WQ-W-GRSBK

Iso-Footcandle Lines of Horizontal Illumination

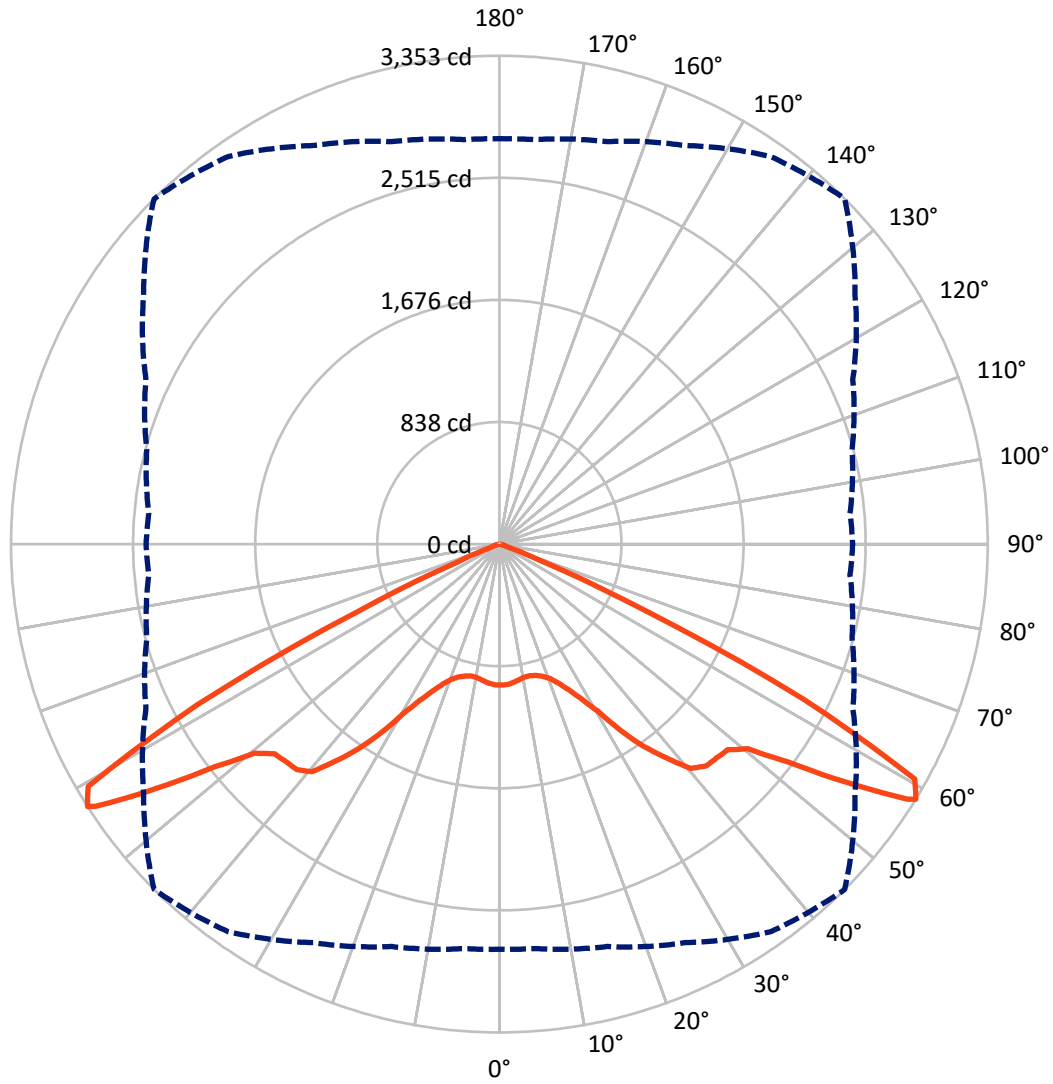
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 9.7 fc
 Type V - Short - N/A

REPORT NUMBER: P635049
CATALOG NUMBER: GWS-SA3D-722-U-5WQ-W-GRSBK

Luminous Intensity Polar Plot



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

REPORT NUMBER: P635049

CATALOG NUMBER: GWS-SA3D-722-U-5WQ-W-GRSBK

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3410.8	0.0	3410.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3410.8	0.0	3410.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	6821.7	0.0	6821.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.3	1.3
10°-20°	267.1	3.9
20°-30°	505.1	7.4
30°-40°	996.2	14.6
40°-50°	1576.5	23.1
50°-60°	2317.3	34.0
60°-70°	1034.4	15.2
70°-80°	34.7	0.5
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°	6821.7	100.0
0°-180°	6821.7	100.0

Coefficient of Utilization



REPORT NUMBER: P635049

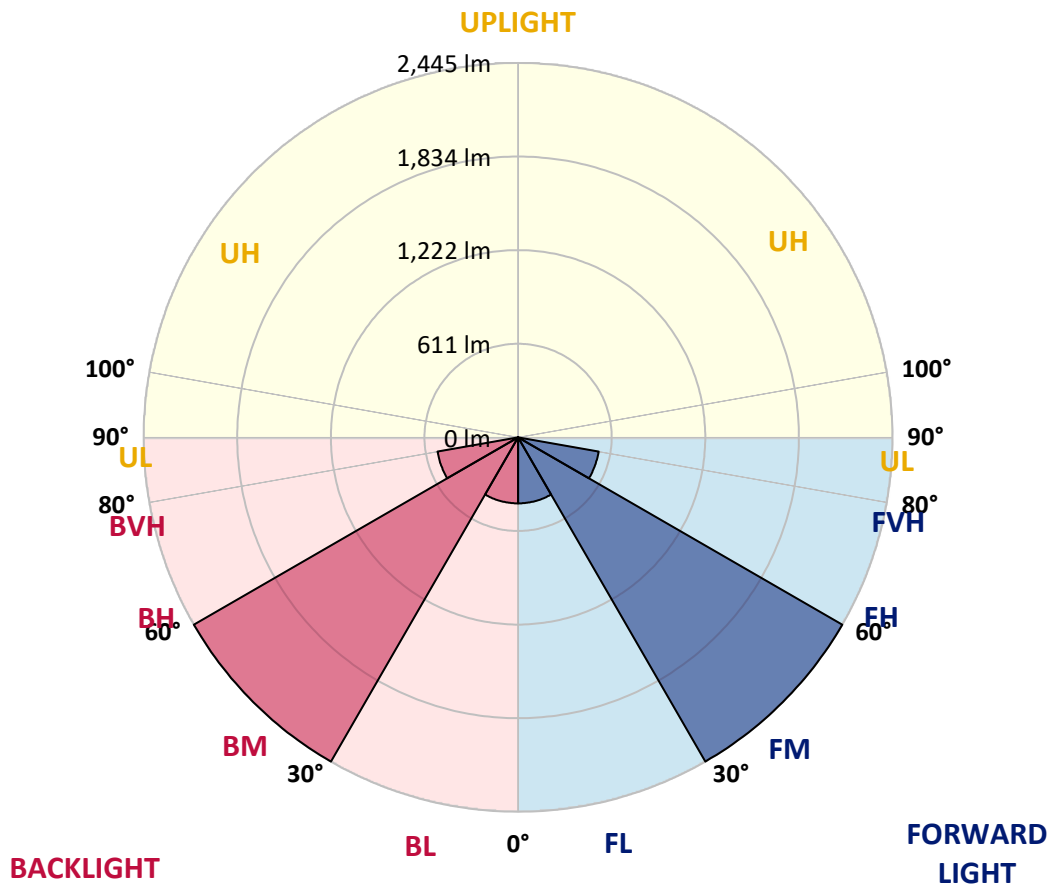
CATALOG NUMBER: GWS-SA3D-722-U-5WQ-W-GRSBK

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	431.2	6.3			
FM (30°-60°)	2445.0	35.8			
FH (60°-80°)	534.5	7.8			G0/660
FVH (80°-90°)	0.1	0.0			G0/10
BL (0°-30°)	431.2	6.3	B1/500		
BM (30°-60°)	2445.0	35.8	B2/2500		
BH (60°-80°)	534.5	7.8	B2/1000		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: P635049

CATALOG NUMBER: GWS-SA3D-722-U-5WQ-W-GRSBK

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	967.4	967.4	967.4	967.4	967.4	967.4	967.4	967.4	967.4	967.4	967.4
2.5°	958.1	960.0	961.8	962.8	963.7	966.5	967.4	964.6	964.6	959.0	965.5
5°	953.5	955.3	957.2	956.3	956.3	956.3	955.3	951.6	950.7	945.1	951.6
7.5°	945.1	947.0	947.0	944.2	942.3	942.3	941.4	936.7	935.8	930.2	936.7
10°	938.6	939.5	938.6	933.0	929.3	929.3	928.4	926.5	927.4	923.7	929.3
12.5°	942.3	943.2	939.5	932.1	927.4	926.5	923.7	920.9	923.7	922.8	928.4
15°	954.4	955.3	948.8	939.5	935.8	935.8	928.4	920.9	924.7	925.6	932.1
17.5°	969.3	969.3	960.9	952.5	953.5	953.5	941.4	928.4	929.3	933.0	939.5
20°	986.9	986.9	978.6	976.7	983.2	984.1	969.3	948.8	944.2	947.0	954.4
22.5°	1018.5	1018.5	1012.0	1016.7	1031.5	1036.2	1013.9	985.1	973.9	975.8	983.2
25°	1067.8	1067.8	1065.9	1077.1	1098.4	1108.7	1078.9	1040.8	1022.2	1019.4	1027.8
27.5°	1150.5	1151.4	1148.6	1165.4	1192.3	1204.4	1163.5	1113.3	1091.0	1086.4	1094.7
30°	1257.4	1257.4	1258.3	1281.5	1316.8	1332.6	1278.7	1220.2	1194.2	1179.3	1190.4
32.5°	1376.3	1378.2	1387.5	1426.5	1488.7	1521.3	1442.3	1360.5	1318.7	1302.9	1315.0
35°	1572.4	1554.7	1543.6	1572.4	1662.5	1705.3	1604.0	1508.3	1476.7	1474.8	1505.5
37.5°	1766.6	1756.4	1733.2	1762.9	1843.7	1863.3	1751.7	1671.8	1649.5	1661.6	1692.3
40°	1920.9	1902.3	1871.6	1899.5	2005.4	2025.0	1887.4	1808.4	1800.1	1827.0	1868.8
42.5°	2042.6	2016.6	1975.7	1982.2	2067.7	2081.6	1959.9	1900.4	1906.0	1939.5	1986.9
45°	2097.4	2077.0	2040.8	2038.0	2091.9	2092.8	1997.1	1966.4	1981.3	2007.3	2044.5
47.5°	2120.7	2111.4	2090.9	2086.3	2117.0	2109.5	2050.0	2037.0	2051.0	2058.4	2079.8
50°	2178.3	2178.3	2181.1	2184.8	2216.4	2209.0	2167.1	2152.3	2134.6	2108.6	2115.1
52.5°	2340.0	2346.5	2373.4	2403.2	2460.8	2485.0	2417.1	2330.7	2246.1	2189.4	2189.4
55°	2631.8	2638.3	2669.9	2720.1	2826.0	2883.6	2725.7	2535.1	2419.0	2341.9	2352.1
57.5°	2792.6	2800.0	2865.1	3000.7	3206.1	3303.7	2964.5	2682.0	2519.3	2431.1	2438.5
58°	2782.3	2787.0	2860.4	3019.3	3247.9	3352.9	2981.2	2677.3	2506.3	2416.2	2425.5
60°	2472.0	2465.4	2582.5	2809.3	3131.8	3276.7	2814.9	2444.1	2245.2	2153.2	2157.8
62.5°	1616.1	1619.8	1721.1	1958.0	2209.0	2345.6	1966.4	1690.4	1530.6	1474.8	1460.9
65°	674.7	662.6	724.9	856.8	1007.4	1083.6	931.2	788.1	689.5	652.4	662.6
67.5°	173.8	169.1	172.9	216.5	264.9	313.2	263.0	200.7	174.7	176.6	176.6
70°	98.5	92.9	75.3	69.7	67.8	67.8	67.8	67.8	78.1	92.0	94.8
72.5°	74.3	69.7	54.8	47.4	41.8	39.0	40.9	47.4	56.7	68.8	70.6
75°	37.2	37.2	33.5	31.6	27.9	26.0	26.9	29.7	34.4	39.0	38.1
77.5°	7.4	8.4	9.3	11.2	9.3	9.3	9.3	11.2	11.2	12.1	11.2
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	0.0	0.9	0.9	0.0	0.0	0.0	0.0	0.9	0.9	0.9	0.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9
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)