

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: P632356

Luminaire Tested: GWS-SA2C-750-U-5WQ-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P632356
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA2C-750-U-5WQ-W
Description: GALLEON WALL SLIM LUMINAIRE. (2) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V WIDE OPTICS
Light Source: (32) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9598 lumens
Efficiency: N/A
Efficacy: 151.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

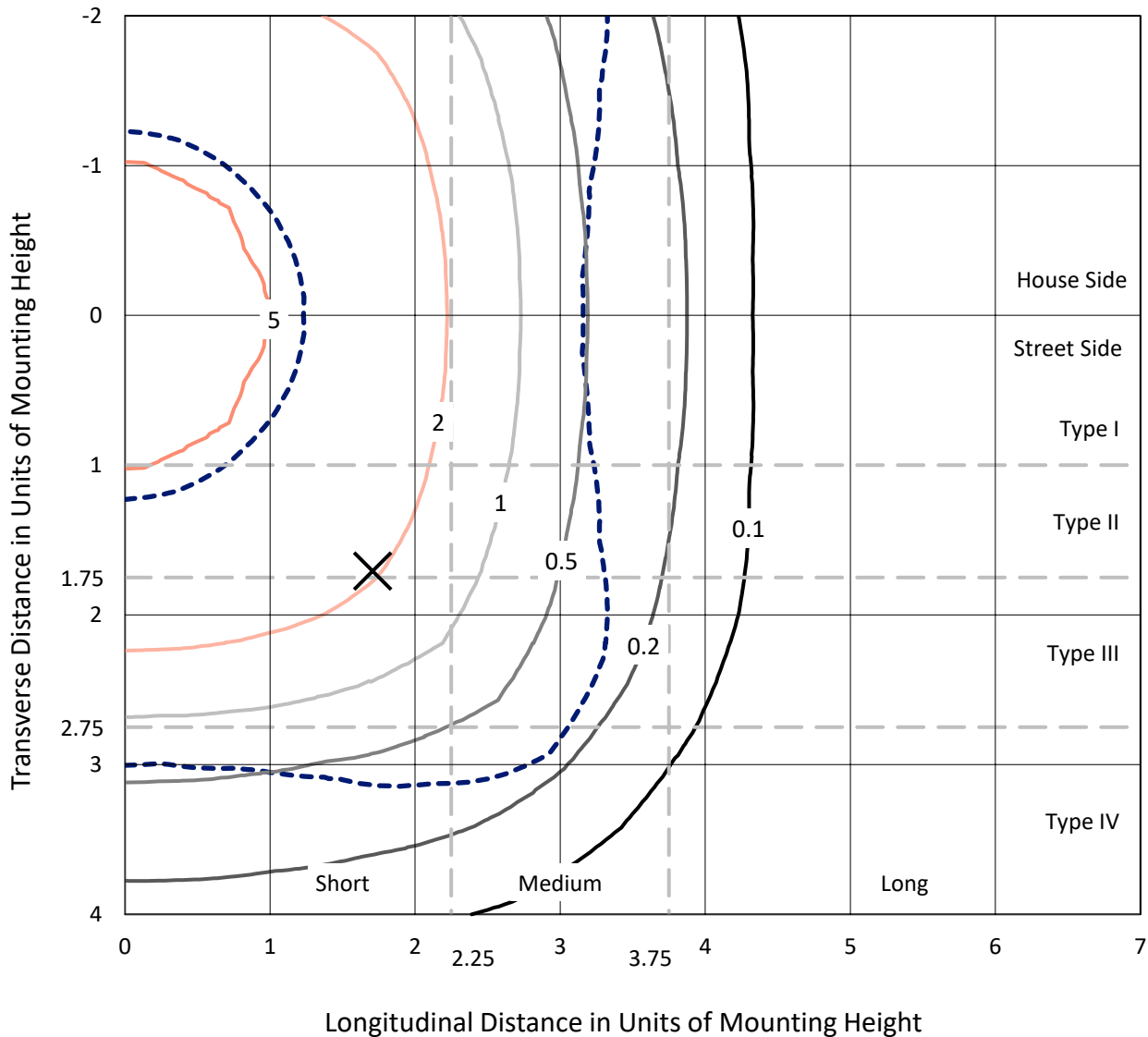
Input Watts (W): 63.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P632356
 CATALOG NUMBER: GWS-SA2C-750-U-5WQ-W

Iso-Footcandle Lines of Horizontal Illumination

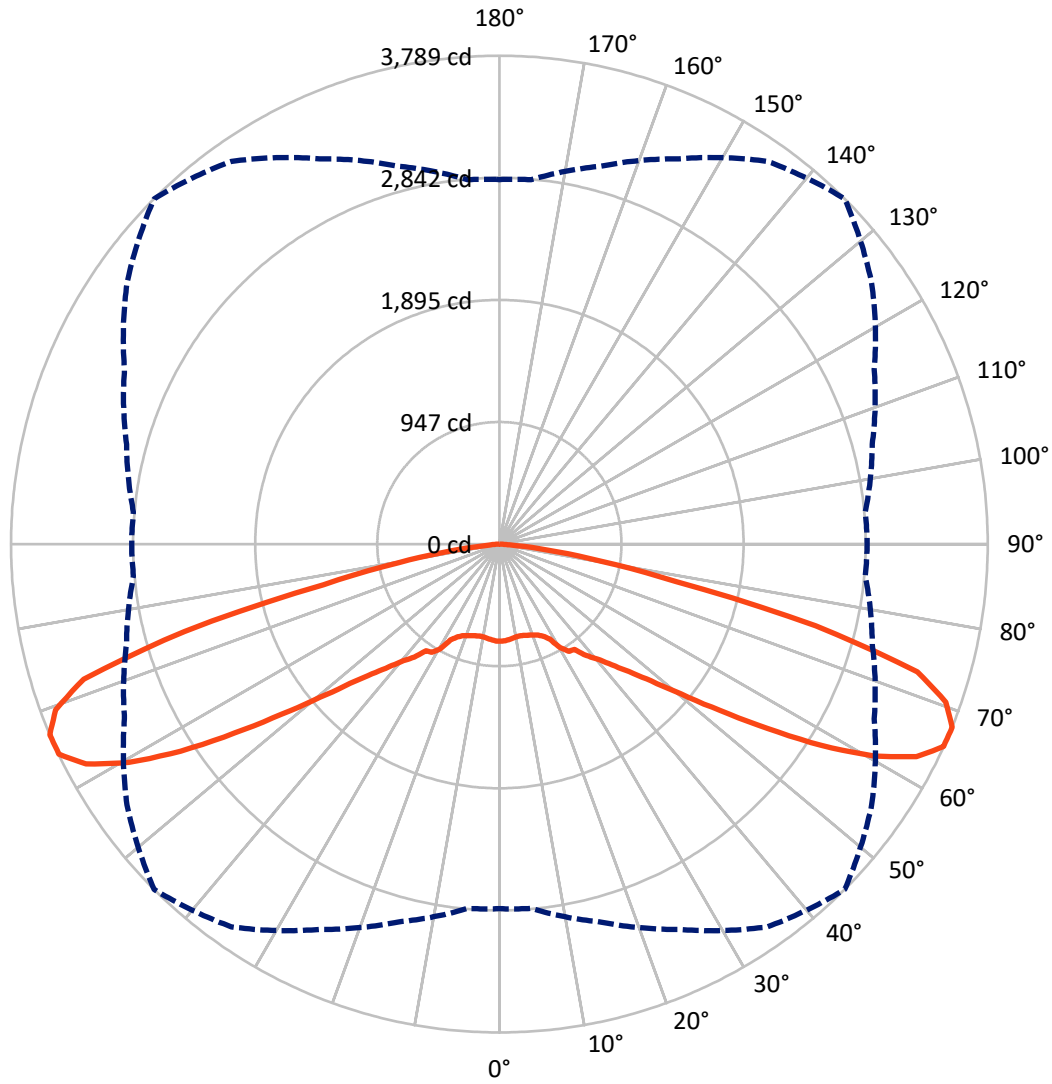
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 7.5 fc
 Type V - Short - N/A

REPORT NUMBER: P632356
CATALOG NUMBER: GWS-SA2C-750-U-5WQ-W

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P632356

CATALOG NUMBER: GWS-SA2C-750-U-5WQ-W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4799.0	0.0	4799.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4799.0	0.0	4799.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	9598.0	0.0	9598.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.7	0.7
10°-20°	209.7	2.2
20°-30°	376.2	3.9
30°-40°	635.5	6.6
40°-50°	1116.6	11.6
50°-60°	2154.0	22.4
60°-70°	3125.2	32.6
70°-80°	1788.1	18.6
80°-90°	122.0	1.3
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°	9598.0	100.0
0°-180°	9598.0	100.0

Coefficient of Utilization



REPORT NUMBER: P632356

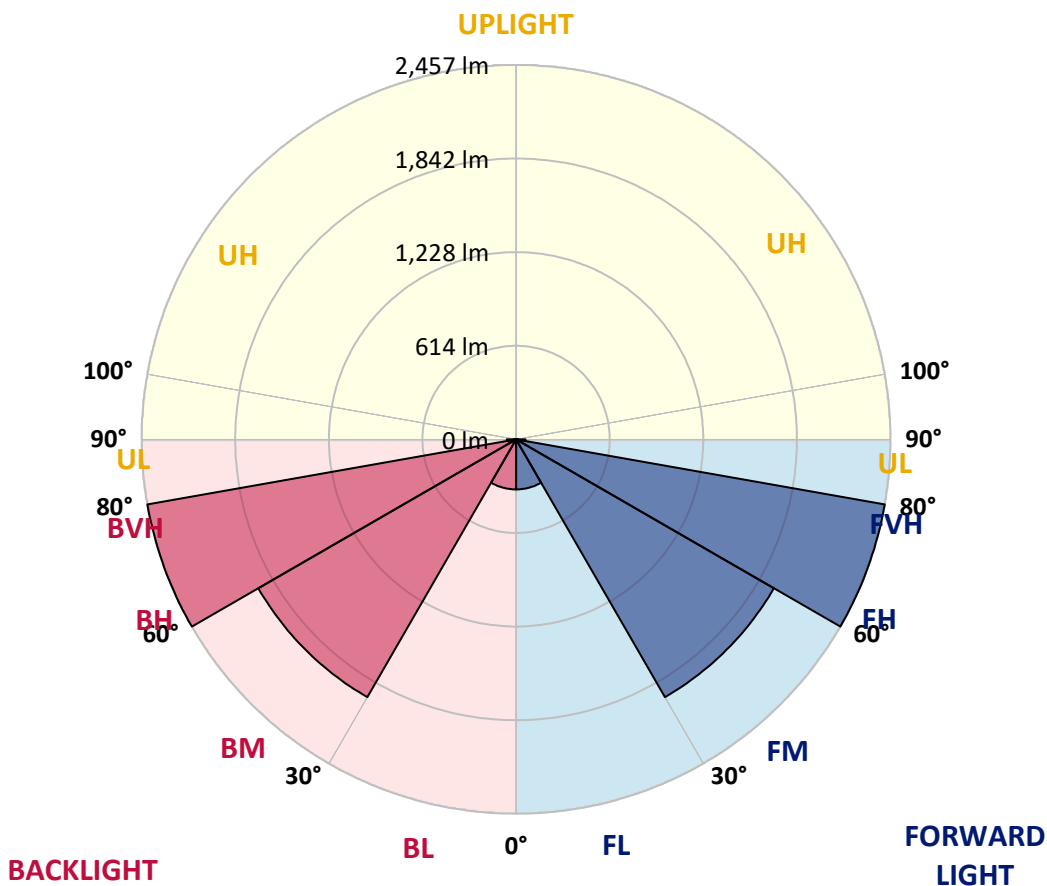
CATALOG NUMBER: GWS-SA2C-750-U-5WQ-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	328.3	3.4			
FM (30°-60°)	1953.1	20.3			
FH (60°-80°)	2456.6	25.6			G2/5000
FVH (80°-90°)	61.0	0.6			G1/100
BL (0°-30°)	328.3	3.4	B1/500		
BM (30°-60°)	1953.1	20.3	B2/2500		
BH (60°-80°)	2456.6	25.6	B3/2500		G2/5000
BVH (80°-90°)	61.0	0.6			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type V Short





REPORT NUMBER: P632356
 CATALOG NUMBER: GWS-SA2C-750-U-5WQ-W

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7
2.5°	746.6	747.2	748.6	748.6	750.0	752.0	752.7	751.3	752.0	748.6	752.0
5°	744.5	745.2	745.9	744.5	744.5	745.2	745.2	743.9	744.5	741.1	744.5
7.5°	739.8	740.5	740.5	738.4	736.4	737.7	737.7	736.4	737.1	733.7	737.7
10°	735.7	735.7	735.0	731.0	728.9	731.0	731.6	732.3	735.0	732.3	737.1
12.5°	738.4	738.4	736.4	731.0	727.6	728.9	730.3	731.6	736.4	735.7	741.1
15°	745.9	746.6	741.1	735.0	733.0	735.0	733.7	733.0	739.1	741.1	747.2
17.5°	752.0	752.0	745.2	739.1	739.8	743.2	740.5	737.1	743.2	747.2	754.0
20°	757.4	756.8	749.3	745.2	747.9	752.7	750.6	745.9	750.0	754.7	760.8
22.5°	771.0	770.3	762.2	760.1	762.9	767.6	765.6	761.5	766.3	773.0	780.5
25°	809.7	808.3	796.1	789.3	788.0	791.4	790.7	789.3	796.8	804.9	813.8
27.5°	861.3	860.6	851.8	845.0	836.2	833.4	835.5	841.6	852.4	858.6	866.0
30°	887.1	887.1	885.7	896.6	915.6	933.9	919.6	896.6	887.1	884.3	891.8
32.5°	921.0	924.4	919.6	931.9	963.8	990.9	963.8	926.4	919.6	919.6	927.8
35°	999.0	1000.4	992.9	990.9	1001.1	1004.5	991.6	978.0	985.5	986.8	997.0
37.5°	1061.5	1061.5	1058.1	1063.5	1084.6	1097.5	1076.4	1052.0	1054.0	1055.4	1068.3
40°	1157.9	1160.6	1152.4	1151.8	1159.9	1171.4	1149.0	1133.4	1144.3	1147.7	1167.4
42.5°	1278.0	1278.0	1265.8	1262.4	1267.8	1280.0	1259.0	1248.8	1263.1	1265.8	1277.3
45°	1421.2	1424.6	1408.3	1402.2	1404.9	1409.0	1394.1	1389.3	1402.9	1409.0	1429.3
47.5°	1595.6	1599.0	1584.8	1584.1	1581.4	1584.1	1569.8	1567.1	1578.0	1573.2	1594.9
50°	1810.8	1816.9	1804.7	1821.6	1819.6	1827.7	1808.1	1793.8	1793.8	1780.9	1793.1
52.5°	2051.7	2063.9	2070.0	2098.5	2120.3	2140.6	2108.0	2085.6	2053.1	2026.6	2059.9
55°	2314.4	2311.0	2349.7	2412.1	2475.9	2524.1	2460.3	2389.7	2336.8	2281.8	2294.7
57.5°	2544.4	2556.0	2606.9	2720.9	2847.1	2949.0	2834.3	2698.5	2578.4	2499.7	2510.5
60°	2735.8	2745.3	2813.2	2977.5	3198.0	3338.5	3156.6	2932.7	2758.2	2649.6	2661.2
62.5°	2912.3	2921.1	2989.7	3170.9	3449.2	3632.4	3397.6	3091.5	2897.4	2788.1	2794.9
65°	3014.1	3019.5	3113.2	3303.9	3597.1	3786.5	3521.8	3206.2	3015.5	2904.2	2908.2
67.5°	2828.8	2837.6	3035.1	3298.5	3625.6	3789.2	3527.2	3209.6	2995.1	2849.9	2853.3
70°	2231.6	2224.1	2459.6	2912.3	3462.1	3675.2	3370.4	2968.6	2637.4	2434.5	2431.1
72.5°	1701.5	1703.5	1834.5	2144.7	2822.7	3391.5	2974.1	2390.4	2033.4	1879.3	1873.2
75°	1233.9	1252.9	1359.4	1586.8	1974.3	2534.9	2239.0	1771.4	1532.5	1440.2	1426.6
77.5°	555.9	580.3	728.9	996.3	1320.1	1400.8	1406.3	1202.7	907.4	754.0	730.3
80°	162.2	173.7	223.3	382.1	614.9	794.8	631.2	530.7	330.5	259.3	247.0
82.5°	68.5	78.1	95.7	105.9	178.5	368.5	229.4	145.9	135.7	109.9	100.4
85°	29.2	31.2	40.0	42.8	57.7	78.7	72.6	65.8	63.1	48.9	44.8
87.5°	12.2	12.2	12.2	10.9	10.2	10.9	14.9	19.0	25.1	19.7	18.3
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)