

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: P634878

Luminaire Tested: GWS-SA3C-760-U-5MQ-W-GRSBK

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P634878
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA3C-760-U-5MQ-W-GRSBK
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V MEDIUM OPTICS W/ FACTORY INSTALLED GLARE SHIELD, BK
Light Source: (48) 5700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8598.8 lumens
Efficiency: N/A
Efficacy: 92.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - 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

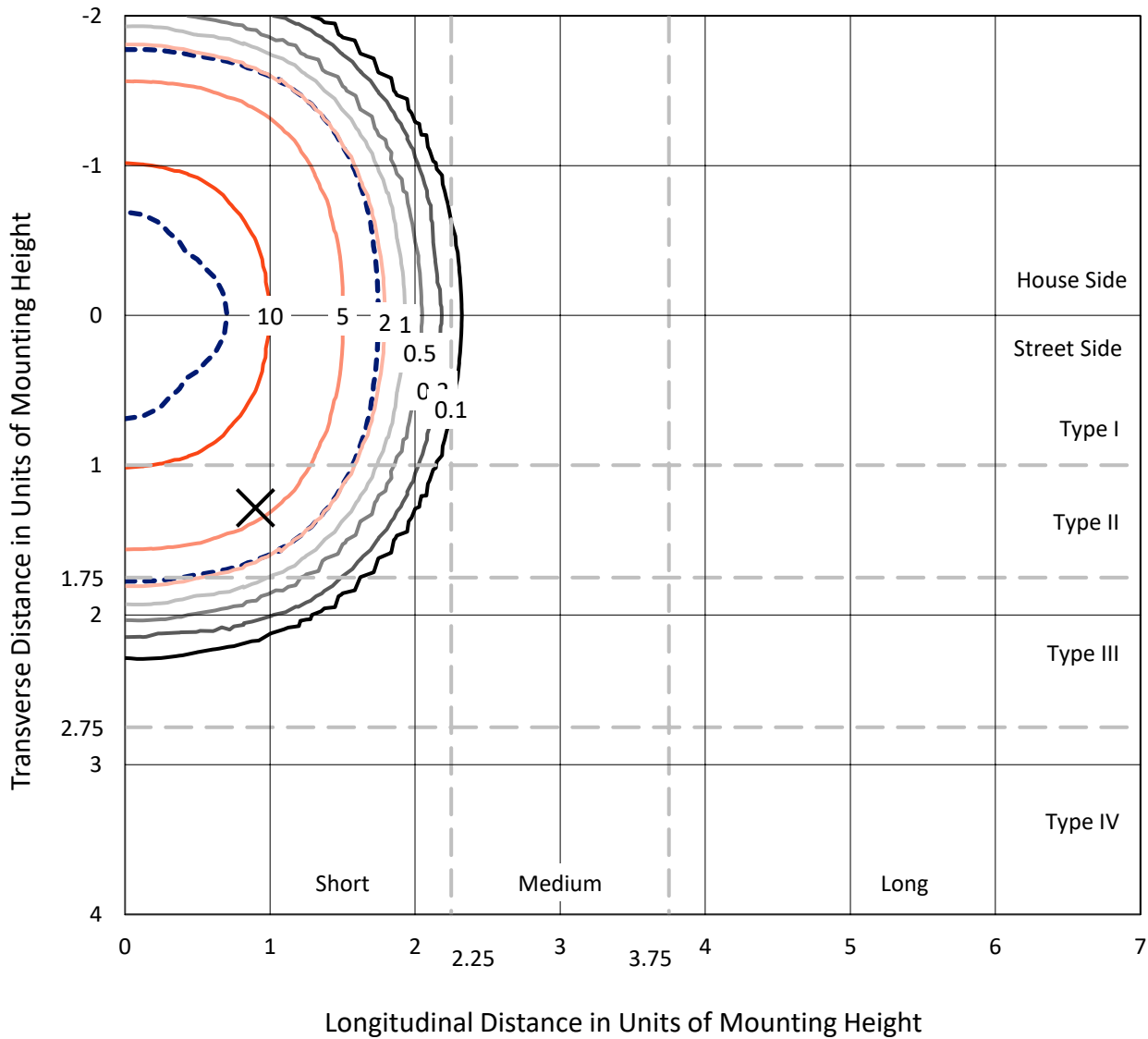


REPORT NUMBER: P634878

CATALOG NUMBER: GWS-SA3C-760-U-5MQ-W-GRSBK

Iso-Footcandle Lines of Horizontal Illumination

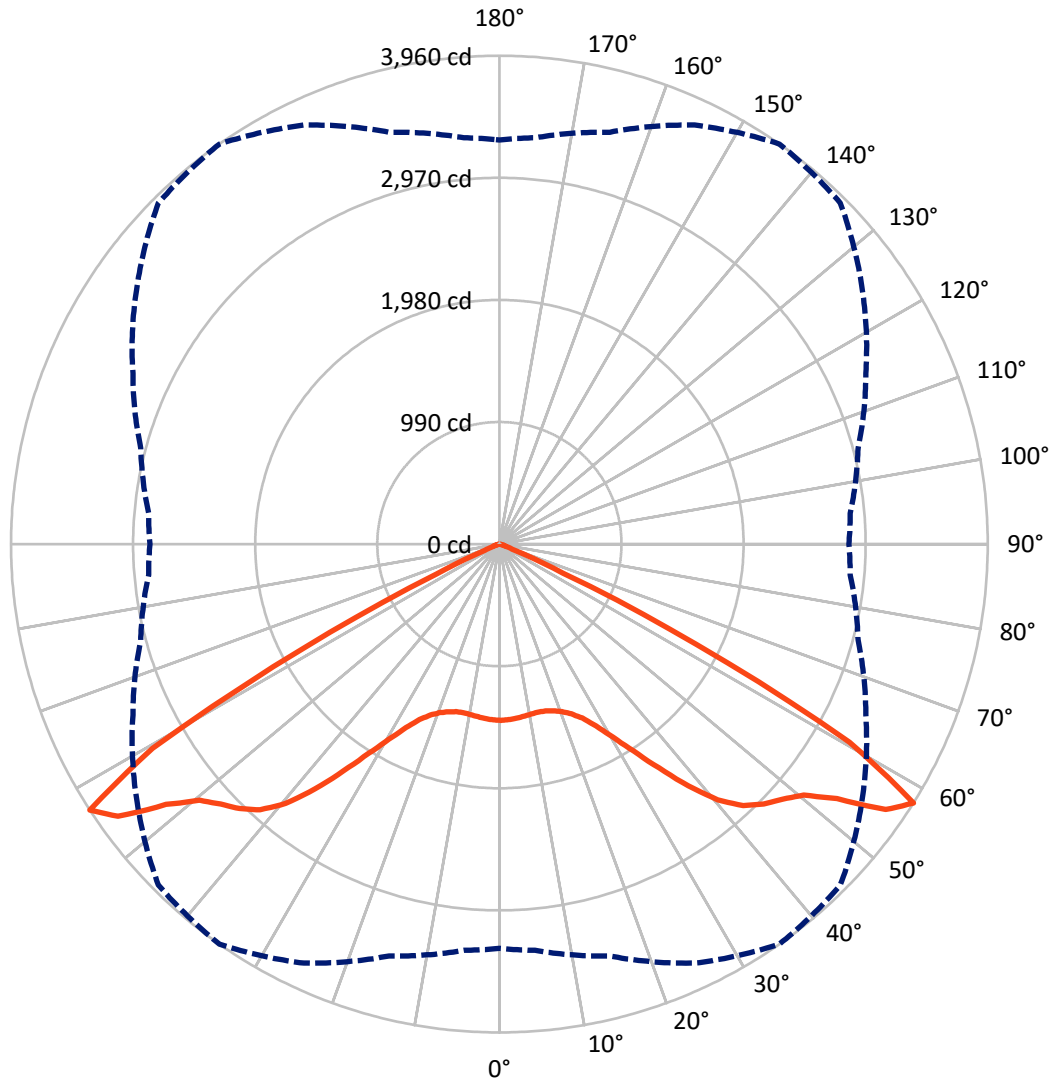
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 14.3 fc
 Type V - Short - N/A

REPORT NUMBER: P634878
CATALOG NUMBER: GWS-SA3C-760-U-5MQ-W-GRSBK

Luminous Intensity Polar Plot



— Vertical Plane Through 35-Deg Lateral - - - Horizontal Cone Through 57.5-Deg Vertical

REPORT NUMBER: P634878

CATALOG NUMBER: GWS-SA3C-760-U-5MQ-W-GRSBK

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4299.4	0.0	4299.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4299.4	0.0	4299.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	8598.8	0.0	8598.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	134.7	1.6
10°-20°	396.2	4.6
20°-30°	716.2	8.3
30°-40°	1336.1	15.5
40°-50°	2241.3	26.1
50°-60°	2959.9	34.4
60°-70°	786.1	9.1
70°-80°	27.9	0.3
80°-90°	0.5	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°	8598.8	100.0
0°-180°	8598.8	100.0

Coefficient of Utilization



REPORT NUMBER: P634878

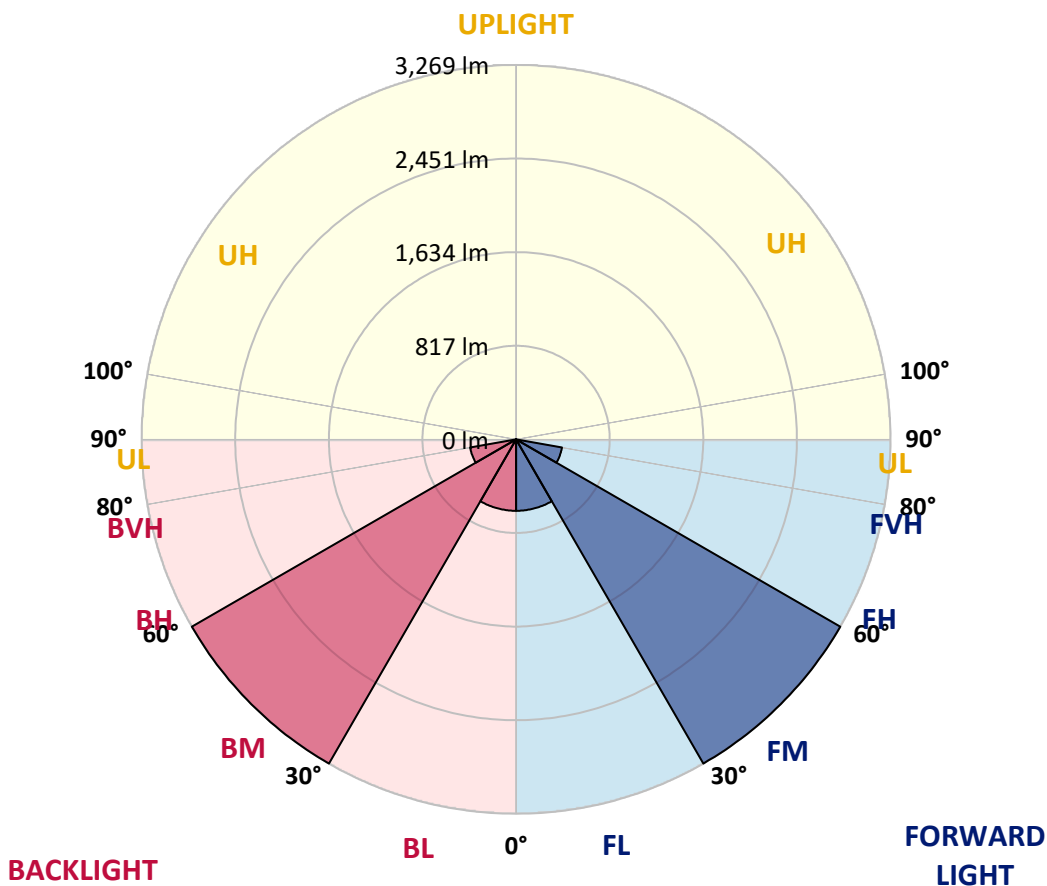
CATALOG NUMBER: GWS-SA3C-760-U-5MQ-W-GRSBK

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	623.5	7.3			
FM (30°-60°)	3268.6	38.0			
FH (60°-80°)	407.0	4.7			G0/660
FVH (80°-90°)	0.2	0.0			G0/10
BL (0°-30°)	623.5	7.3	B2/1000		
BM (30°-60°)	3268.6	38.0	B3/5000		
BH (60°-80°)	407.0	4.7	B1/500		G0/660
BVH (80°-90°)	0.2	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G0

Type V Short





REPORT NUMBER: P634878

CATALOG NUMBER: GWS-SA3C-760-U-5MQ-W-GRSBK

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1429.6	1429.6	1429.6	1429.6	1429.6	1429.6	1429.6	1429.6	1429.6	1429.6	1429.6
2.5°	1419.5	1418.5	1422.6	1425.6	1425.6	1432.7	1430.6	1428.6	1426.6	1423.6	1430.6
5°	1417.5	1416.5	1419.5	1421.6	1419.5	1425.6	1421.6	1417.5	1415.5	1411.5	1419.5
7.5°	1408.4	1409.4	1411.5	1413.5	1410.5	1415.5	1410.5	1404.4	1399.4	1395.3	1402.4
10°	1394.3	1395.3	1397.3	1401.4	1402.4	1409.4	1402.4	1391.3	1384.2	1378.2	1385.2
12.5°	1387.3	1388.3	1391.3	1396.3	1397.3	1406.4	1397.3	1381.2	1371.1	1364.0	1371.1
15°	1389.3	1391.3	1395.3	1401.4	1403.4	1412.5	1400.4	1379.2	1365.1	1356.0	1362.0
17.5°	1396.3	1398.4	1404.4	1414.5	1421.6	1430.6	1415.5	1388.3	1369.1	1356.0	1362.0
20°	1405.4	1408.4	1418.5	1434.7	1449.8	1465.9	1446.8	1409.4	1384.2	1368.1	1373.1
22.5°	1430.6	1433.7	1447.8	1469.0	1494.2	1514.4	1491.2	1443.8	1409.4	1388.3	1393.3
25°	1482.1	1485.1	1503.3	1530.5	1562.8	1589.0	1559.8	1500.3	1455.9	1431.6	1433.7
27.5°	1562.8	1565.8	1587.0	1625.4	1668.7	1706.1	1663.7	1594.1	1543.6	1515.4	1515.4
30°	1664.7	1668.7	1697.0	1748.4	1816.0	1865.5	1808.0	1723.2	1658.7	1620.3	1621.3
32.5°	1795.9	1791.8	1832.2	1902.8	1998.7	2064.2	1979.5	1876.6	1796.9	1743.4	1748.4
35°	1964.4	1963.3	2008.7	2104.6	2229.7	2308.4	2207.5	2074.3	1978.5	1924.0	1925.0
37.5°	2181.3	2180.3	2232.7	2336.6	2487.0	2552.5	2439.5	2304.4	2201.4	2149.0	2155.0
40°	2435.5	2429.5	2475.9	2575.8	2726.1	2768.5	2645.4	2536.4	2437.5	2404.2	2420.4
42.5°	2677.7	2664.5	2691.8	2782.6	2898.6	2904.7	2811.8	2737.2	2669.6	2643.3	2653.4
45°	2872.4	2862.3	2887.5	2940.0	3006.6	2976.3	2931.9	2908.7	2854.2	2826.0	2835.0
47.5°	3017.7	3017.7	3047.9	3080.2	3090.3	3034.8	3041.9	3041.9	2987.4	2943.0	2931.9
50°	3142.8	3151.8	3197.2	3230.5	3197.2	3126.6	3167.0	3158.9	3047.9	2959.1	2935.9
52.5°	3342.5	3351.6	3421.2	3466.6	3429.3	3359.7	3364.7	3263.8	3100.4	2995.5	2959.1
55°	3554.4	3576.6	3677.5	3798.6	3799.6	3727.9	3594.8	3416.2	3217.4	3103.4	3066.1
57.5°	3276.9	3307.2	3457.5	3749.1	3960.0	3910.5	3592.7	3279.0	3010.6	2855.2	2834.0
60°	2254.9	2307.4	2457.7	2856.2	3262.8	3282.0	2906.7	2554.6	2246.8	2055.2	2059.2
62.5°	952.4	1005.9	1090.6	1418.5	1791.8	1815.0	1633.4	1381.2	1130.0	991.8	1012.9
65°	224.0	239.1	264.3	392.5	569.0	595.3	548.8	427.8	315.8	267.4	272.4
67.5°	97.9	99.9	94.8	100.9	125.1	128.1	124.1	109.0	102.9	104.9	104.9
70°	68.6	69.6	65.6	62.6	59.5	55.5	57.5	63.6	68.6	72.6	71.6
72.5°	42.4	43.4	44.4	44.4	41.4	37.3	39.3	43.4	44.4	45.4	44.4
75°	21.2	22.2	24.2	25.2	24.2	23.2	23.2	24.2	24.2	23.2	23.2
77.5°	4.0	5.0	7.1	8.1	8.1	8.1	8.1	8.1	9.1	8.1	8.1
80°	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0
82.5°	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
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)