

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: P634334

Luminaire Tested: GWS-SA3B-750-U-5WQ-W-GRSBK

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P634334
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-SA3B-750-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) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5599.3 lumens
Efficiency: N/A
Efficacy: 82.0 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): 68.3
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

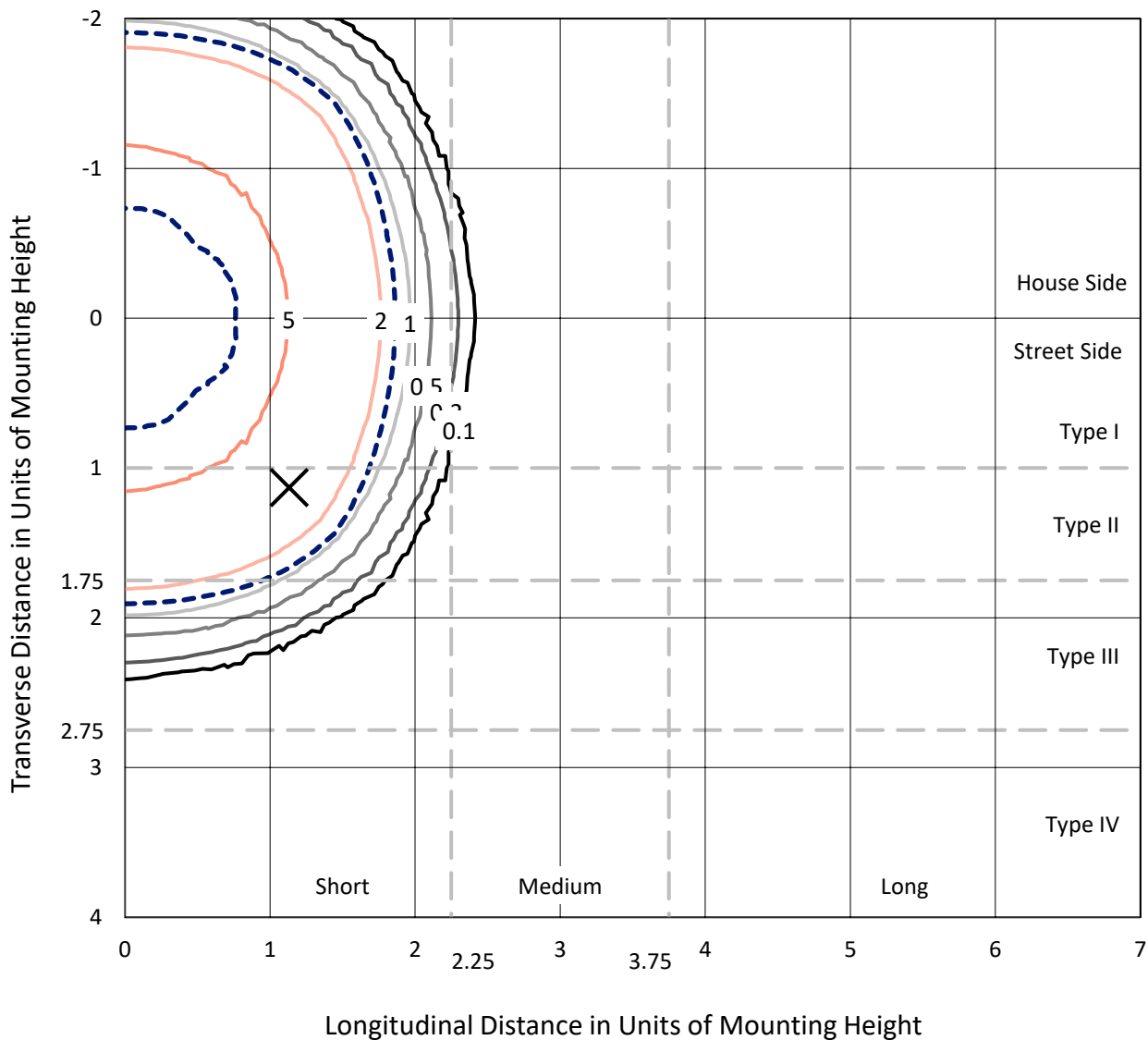


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Iso-Footcandle Lines of Horizontal Illumination

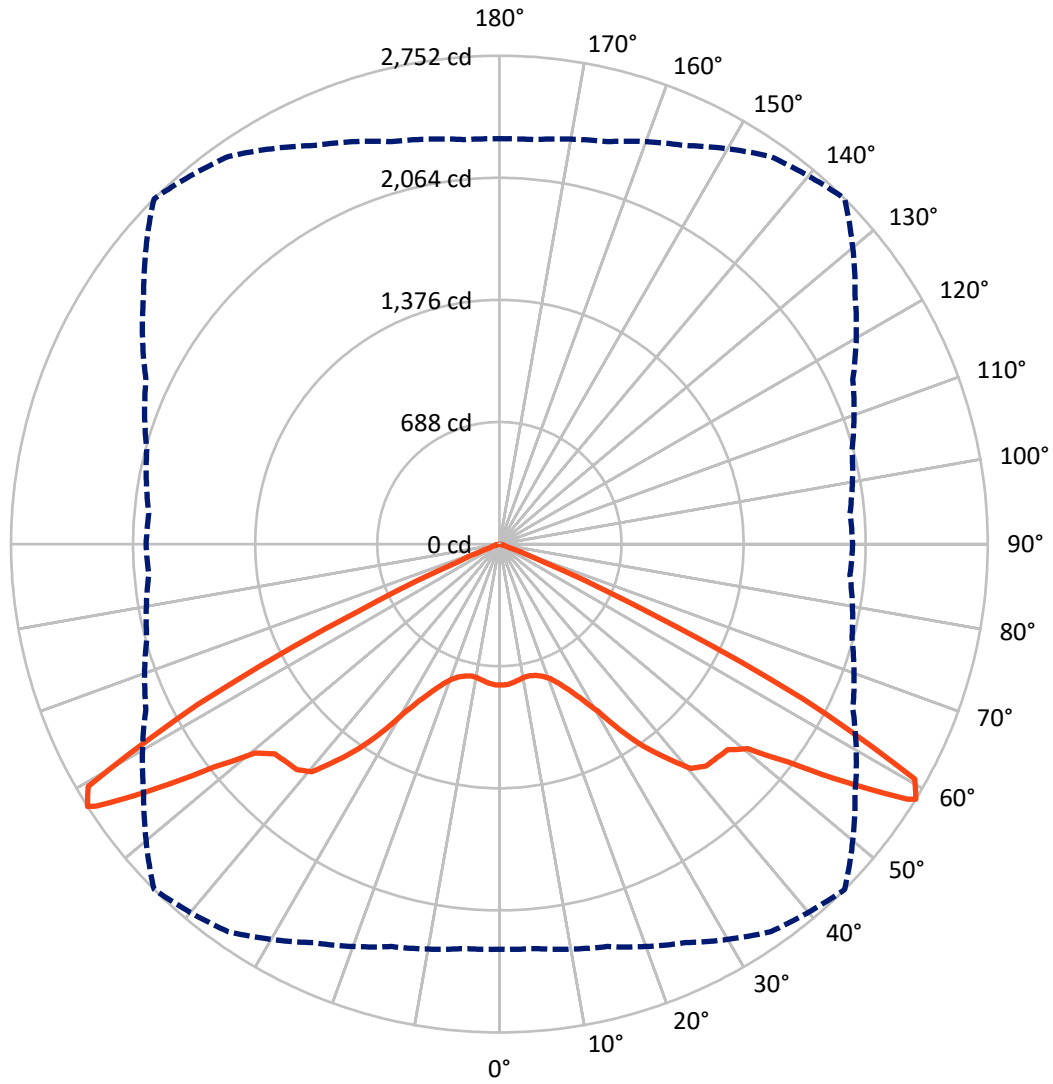
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 7.9 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2799.7	0.0	2799.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2799.7	0.0	2799.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	5599.3	0.0	5599.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.1	1.3
10°-20°	219.2	3.9
20°-30°	414.6	7.4
30°-40°	817.7	14.6
40°-50°	1294.0	23.1
50°-60°	1902.1	34.0
60°-70°	849.0	15.2
70°-80°	28.4	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°	5599.3	100.0
0°-180°	5599.3	100.0

Coefficient of Utilization



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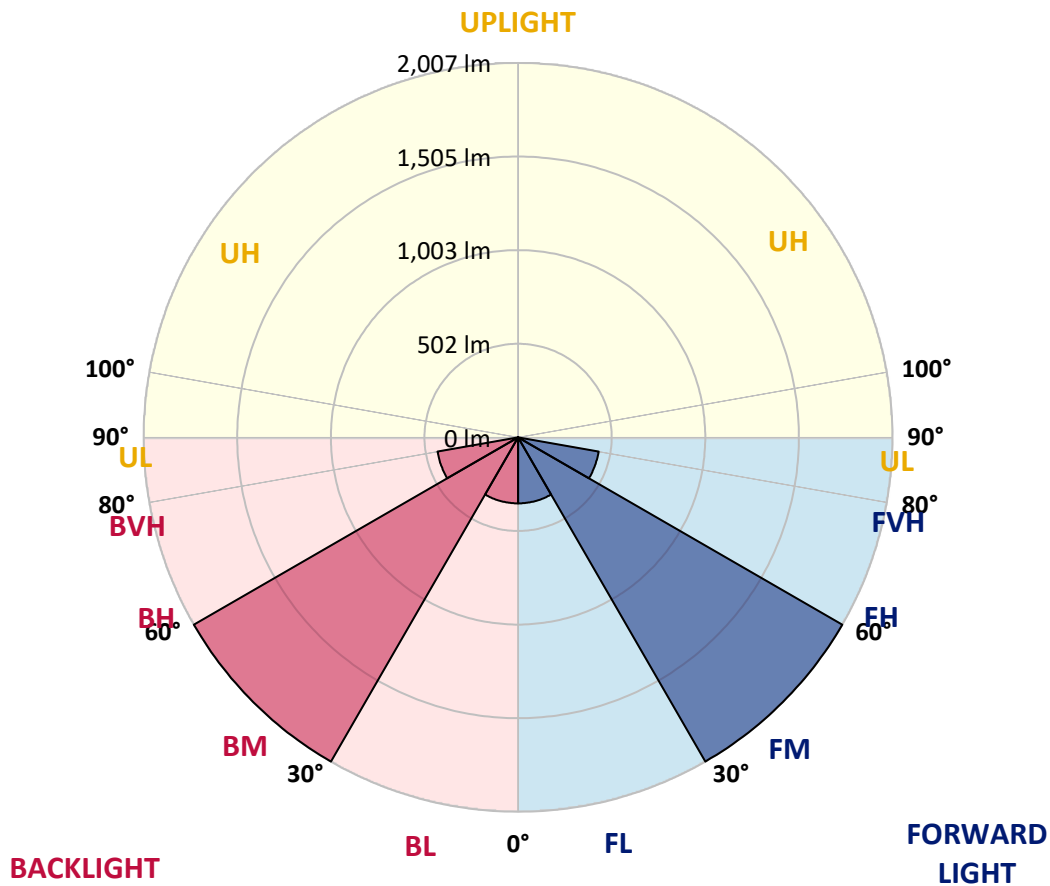
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	354.0	6.3			
FM (30°-60°)	2006.9	35.8			
FH (60°-80°)	438.7	7.8			G0/660
FVH (80°-90°)	0.1	0.0			G0/10
BL (0°-30°)	354.0	6.3	B1/500		
BM (30°-60°)	2006.9	35.8	B2/2500		
BH (60°-80°)	438.7	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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	794.1	794.1	794.1	794.1	794.1	794.1	794.1	794.1	794.1	794.1	794.1
2.5°	786.4	788.0	789.5	790.2	791.0	793.3	794.1	791.8	791.8	787.2	792.5
5°	782.6	784.1	785.7	784.9	784.9	784.9	784.1	781.1	780.3	775.7	781.1
7.5°	775.7	777.3	777.3	775.0	773.5	773.5	772.7	768.9	768.1	763.5	768.9
10°	770.4	771.2	770.4	765.8	762.8	762.8	762.0	760.5	761.3	758.2	762.8
12.5°	773.5	774.2	771.2	765.1	761.3	760.5	758.2	755.9	758.2	757.4	762.0
15°	783.4	784.1	778.8	771.2	768.1	768.1	762.0	755.9	759.0	759.7	765.1
17.5°	795.6	795.6	788.7	781.9	782.6	782.6	772.7	762.0	762.8	765.8	771.2
20°	810.1	810.1	803.2	801.7	807.0	807.8	795.6	778.8	775.0	777.3	783.4
22.5°	836.0	836.0	830.7	834.5	846.7	850.5	832.2	808.5	799.4	800.9	807.0
25°	876.4	876.4	874.9	884.1	901.6	910.0	885.6	854.3	839.1	836.8	843.6
27.5°	944.3	945.1	942.8	956.5	978.6	988.6	955.0	913.8	895.5	891.7	898.6
30°	1032.0	1032.0	1032.8	1051.9	1080.9	1093.8	1049.6	1001.5	980.2	968.0	977.1
32.5°	1129.7	1131.2	1138.8	1170.9	1222.0	1248.7	1183.8	1116.7	1082.4	1069.4	1079.3
35°	1290.6	1276.1	1267.0	1290.6	1364.6	1399.7	1316.6	1238.0	1212.1	1210.5	1235.7
37.5°	1450.0	1441.7	1422.6	1447.0	1513.4	1529.4	1437.8	1372.2	1353.9	1363.9	1389.0
40°	1576.7	1561.4	1536.2	1559.1	1646.1	1662.1	1549.2	1484.4	1477.5	1499.6	1534.0
42.5°	1676.6	1655.2	1621.7	1627.0	1697.2	1708.6	1608.7	1559.9	1564.5	1591.9	1630.8
45°	1721.6	1704.8	1675.1	1672.8	1717.0	1717.8	1639.2	1614.0	1626.2	1647.6	1678.1
47.5°	1740.7	1733.0	1716.3	1712.4	1737.6	1731.5	1682.7	1672.0	1683.5	1689.6	1707.1
50°	1788.0	1788.0	1790.2	1793.3	1819.2	1813.1	1778.8	1766.6	1752.1	1730.8	1736.1
52.5°	1920.7	1926.0	1948.1	1972.6	2019.8	2039.7	1984.0	1913.1	1843.6	1797.1	1797.1
55°	2160.2	2165.5	2191.5	2232.7	2319.6	2366.9	2237.2	2080.9	1985.5	1922.2	1930.6
57.5°	2292.2	2298.3	2351.7	2463.0	2631.6	2711.7	2433.3	2201.4	2067.9	1995.4	2001.5
58°	2283.8	2287.6	2347.8	2478.3	2665.9	2752.1	2447.0	2197.6	2057.2	1983.2	1990.9
60°	2029.0	2023.7	2119.8	2305.9	2570.6	2689.6	2310.5	2006.1	1842.9	1767.4	1771.2
62.5°	1326.5	1329.5	1412.7	1607.2	1813.1	1925.3	1614.0	1387.5	1256.3	1210.5	1199.1
65°	553.8	543.9	595.0	703.3	826.9	889.4	764.3	646.8	566.0	535.5	543.9
67.5°	142.6	138.8	141.9	177.7	217.4	257.1	215.9	164.8	143.4	144.9	144.9
70°	80.9	76.3	61.8	57.2	55.7	55.7	55.7	55.7	64.1	75.5	77.8
72.5°	61.0	57.2	45.0	38.9	34.3	32.0	33.6	38.9	46.5	56.4	58.0
75°	30.5	30.5	27.5	25.9	22.9	21.4	22.1	24.4	28.2	32.0	31.3
77.5°	6.1	6.9	7.6	9.2	7.6	7.6	7.6	9.2	9.2	9.9	9.2
80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
82.5°	0.0	0.8	0.8	0.0	0.0	0.0	0.0	0.8	0.8	0.8	0.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8
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)