

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: P634276

Luminaire Tested: GWS-SA3B-740-U-5NQ-W-GRSBK

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P634276
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-8)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA3B-740-U-5NQ-W-GRSBK
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V NARROW OPTICS W/ FACTORY INSTALLED GLARE SHIELD, BK
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7319.3 lumens
Efficiency: N/A
Efficacy: 107.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G0

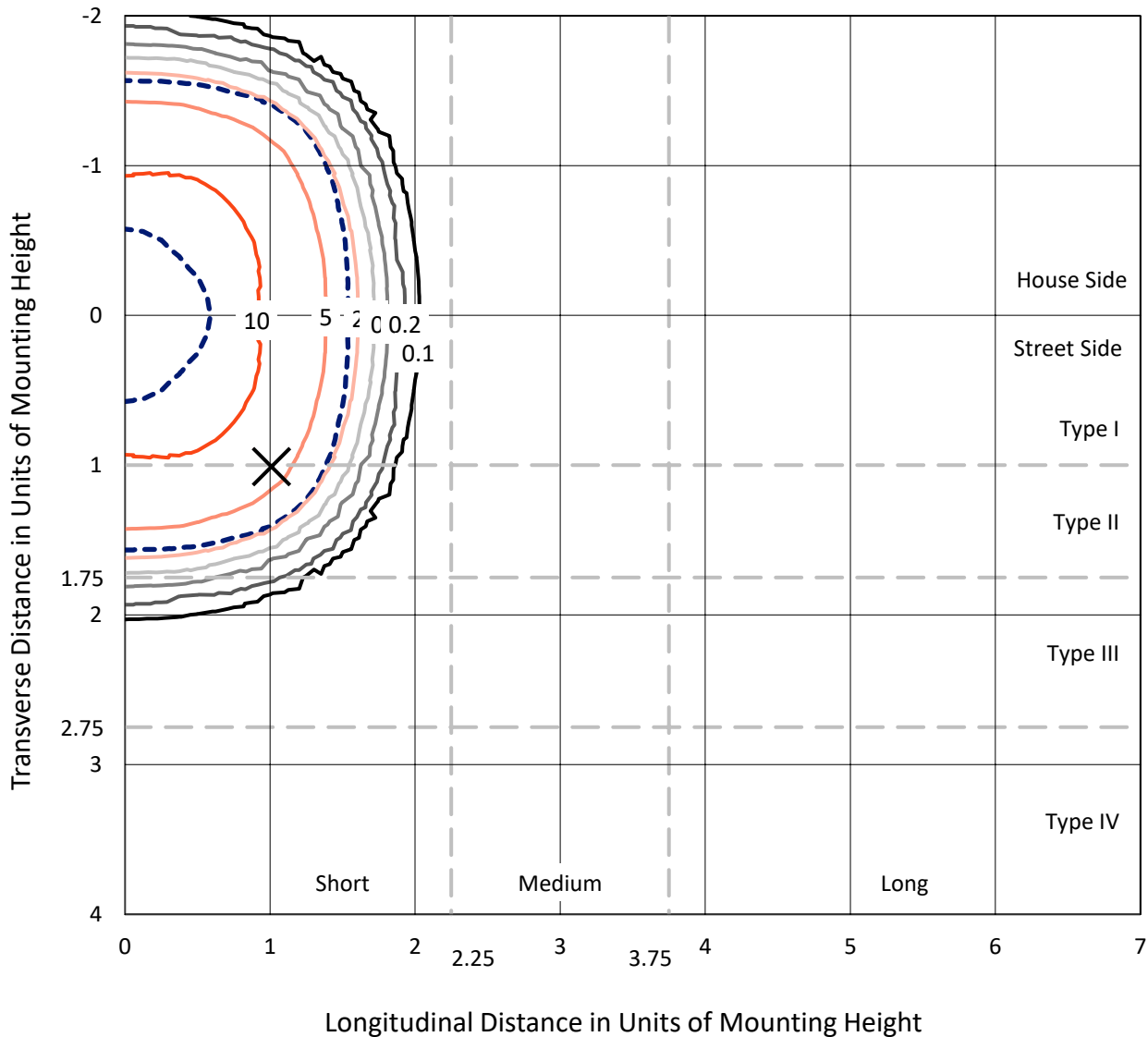
Input Watts (W): 68.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

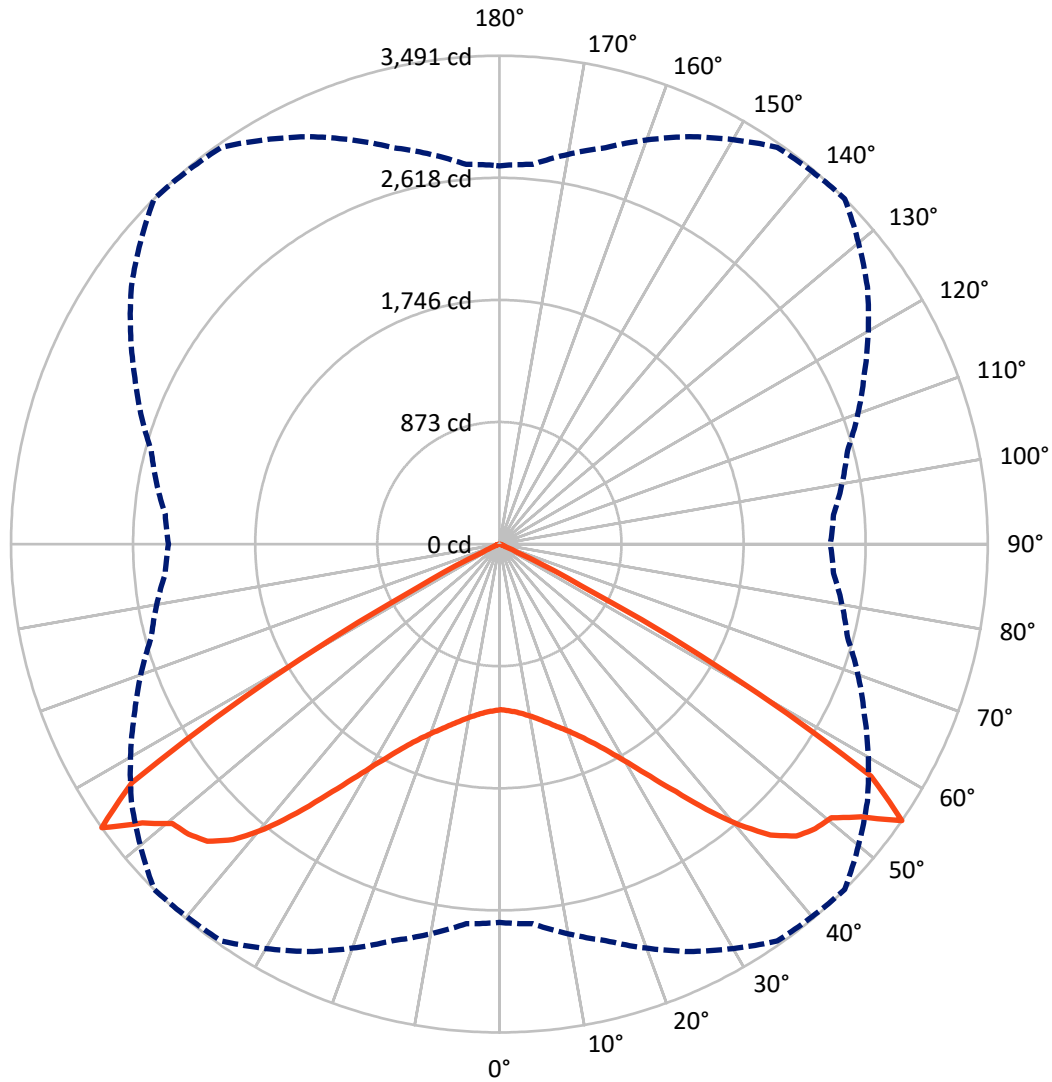
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 12 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 55-Deg Vertical

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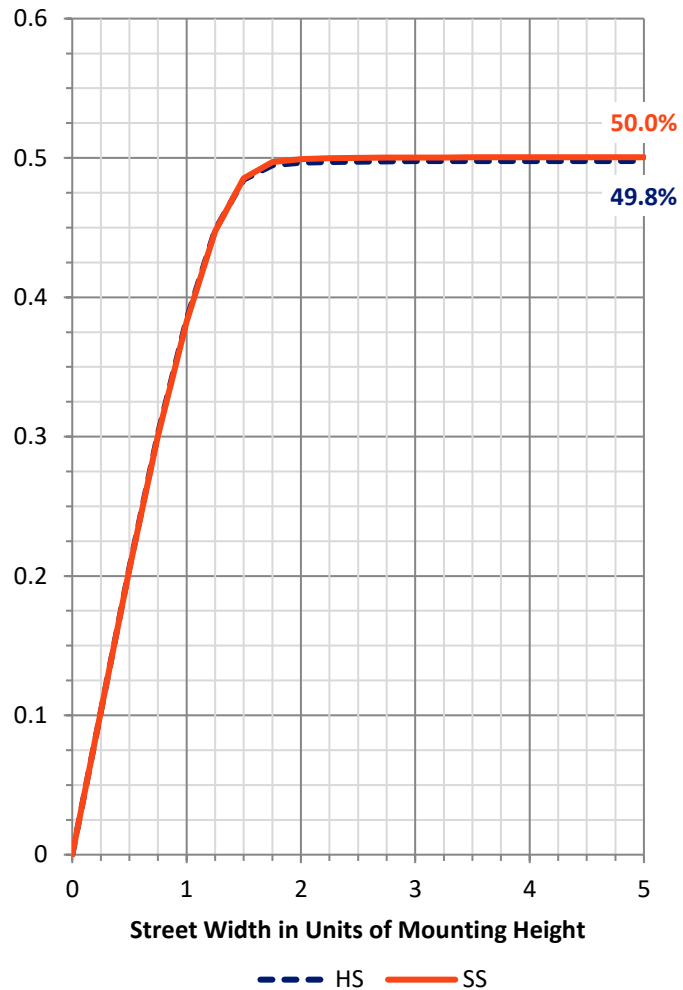
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3659.6	0.0	3659.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3659.6	0.0	3659.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	7319.3	0.0	7319.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.9	1.6
10°-20°	375.8	5.1
20°-30°	727.9	9.9
30°-40°	1304.0	17.8
40°-50°	2186.3	29.9
50°-60°	2340.3	32.0
60°-70°	257.2	3.5
70°-80°	11.3	0.2
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°	7319.3	100.0
0°-180°	7319.3	100.0

Coefficient of Utilization



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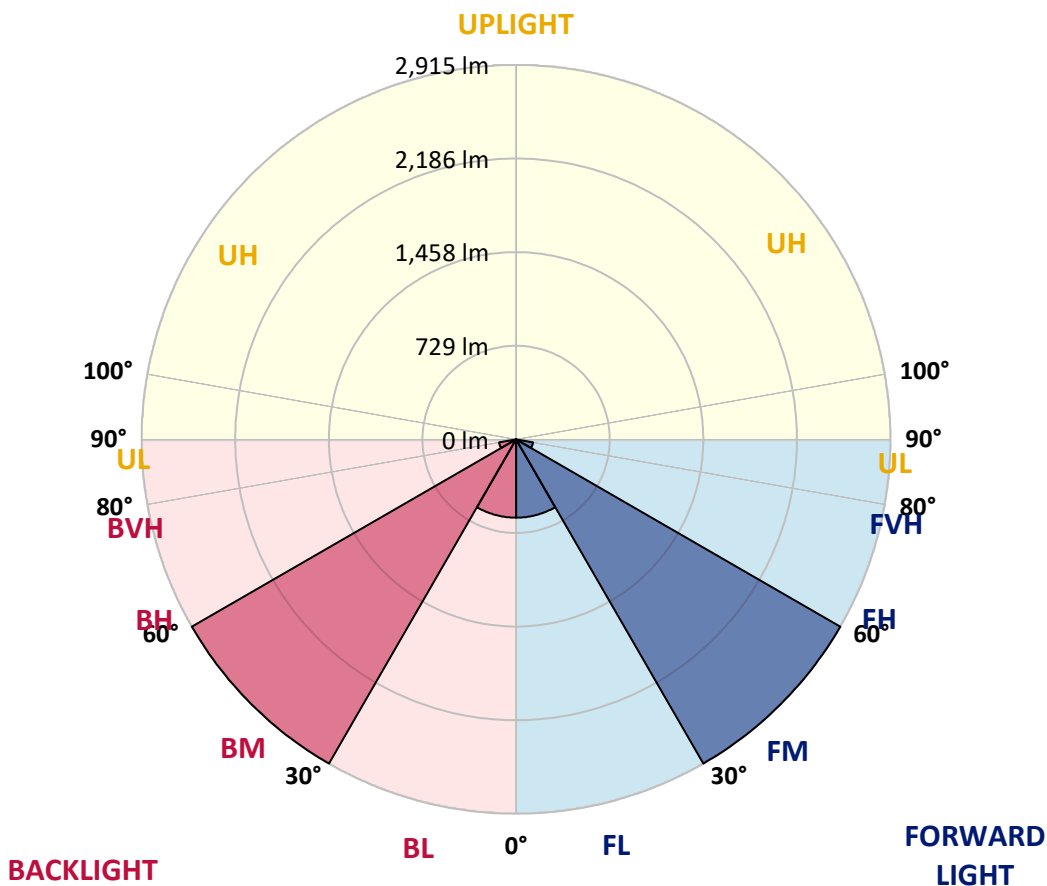
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	609.8	8.3			
FM (30°-60°)	2915.3	39.8			
FH (60°-80°)	134.3	1.8			G0/660
FVH (80°-90°)	0.3	0.0			G0/10
BL (0°-30°)	609.8	8.3	B2/1000		
BM (30°-60°)	2915.3	39.8	B3/5000		
BH (60°-80°)	134.3	1.8	B1/500		G0/660
BVH (80°-90°)	0.3	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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1183.4	1183.4	1183.4	1183.4	1183.4	1183.4	1183.4	1183.4	1183.4	1183.4	1183.4
2.5°	1181.2	1181.2	1184.1	1186.4	1186.4	1192.3	1190.1	1187.9	1187.9	1184.9	1190.8
5°	1198.3	1197.6	1200.5	1202.0	1199.0	1205.0	1201.3	1199.0	1197.6	1194.6	1200.5
7.5°	1216.9	1217.7	1218.4	1221.4	1219.9	1225.9	1222.9	1218.4	1216.9	1212.5	1218.4
10°	1239.3	1239.3	1240.8	1244.5	1245.3	1252.7	1249.8	1244.5	1240.1	1235.6	1241.6
12.5°	1267.7	1268.4	1270.6	1275.9	1278.8	1287.0	1282.6	1272.1	1265.4	1260.2	1266.9
15°	1308.7	1307.9	1310.9	1318.4	1322.1	1328.1	1321.3	1307.2	1299.0	1293.0	1297.5
17.5°	1353.4	1353.4	1354.9	1362.4	1367.6	1376.5	1368.3	1351.2	1343.7	1335.5	1340.0
20°	1402.6	1404.9	1406.3	1411.6	1420.5	1429.5	1422.8	1405.6	1397.4	1387.0	1392.2
22.5°	1467.5	1465.3	1466.0	1474.9	1487.6	1496.6	1491.4	1471.2	1457.1	1448.9	1451.8
25°	1539.8	1539.1	1541.3	1554.7	1568.9	1578.6	1571.1	1545.0	1530.9	1516.7	1522.7
27.5°	1628.6	1629.3	1630.8	1647.2	1669.6	1683.7	1665.1	1639.0	1619.6	1601.0	1605.4
30°	1733.7	1732.2	1736.7	1759.1	1791.9	1814.2	1792.6	1756.1	1728.5	1710.6	1712.8
32.5°	1845.6	1847.0	1859.0	1894.8	1938.0	1977.5	1933.5	1885.1	1849.3	1815.7	1820.2
35°	1966.4	1970.1	1996.9	2049.9	2120.7	2173.6	2112.5	2032.7	1982.0	1938.8	1940.3
37.5°	2108.8	2117.7	2155.0	2234.0	2335.5	2406.3	2316.8	2210.9	2145.3	2091.6	2087.9
40°	2295.9	2306.4	2357.1	2451.0	2574.1	2639.0	2535.3	2426.4	2345.2	2287.0	2278.0
42.5°	2510.7	2524.1	2579.3	2675.5	2798.5	2842.5	2741.1	2649.4	2576.3	2507.7	2504.7
45°	2753.0	2760.5	2805.2	2879.1	2967.8	2978.2	2902.2	2851.5	2777.6	2713.5	2708.3
47.5°	2980.5	2987.9	3018.5	3056.5	3077.4	3040.1	3026.7	3004.3	2908.9	2829.8	2813.4
50°	3153.5	3159.4	3197.5	3212.4	3154.2	3075.2	3101.3	3053.5	2949.9	2861.2	2835.8
52.5°	3141.5	3156.5	3254.1	3339.1	3302.6	3238.5	3168.4	3065.5	2904.4	2782.9	2751.5
55°	2704.6	2724.7	2934.2	3213.9	3463.7	3491.3	3210.9	2879.1	2576.3	2398.1	2366.0
57.5°	1738.2	1743.4	1999.2	2391.4	2954.4	3131.8	2662.8	2170.7	1794.1	1598.0	1584.6
60°	639.0	628.6	821.7	1146.9	1701.6	1889.5	1567.4	1097.6	783.0	644.3	633.1
62.5°	153.6	155.1	192.4	288.6	533.9	660.7	522.0	291.6	185.7	155.8	154.4
65°	77.6	76.1	76.8	82.8	114.1	136.5	111.9	79.0	76.1	76.8	76.1
67.5°	50.0	49.2	50.7	51.5	50.7	47.7	47.0	48.5	48.5	49.2	47.7
70°	30.6	29.8	31.3	33.6	32.1	28.3	29.8	31.3	29.8	29.1	29.1
72.5°	16.4	16.4	17.9	19.4	17.9	16.4	16.4	17.2	16.4	16.4	16.4
75°	7.5	7.5	8.2	8.9	7.5	7.5	7.5	7.5	7.5	7.5	7.5
77.5°	2.2	2.2	3.0	3.0	2.2	2.2	2.2	2.2	3.0	3.0	3.0
80°	0.7	1.5	1.5	0.7	0.7	0.7	0.7	0.7	1.5	1.5	1.5
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
85°	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.7	0.7	0.7	0.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7	0.7
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)