

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: P634383

Luminaire Tested: GWS-SA3B-760-U-5MQ-W-GRSBK

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P634383  
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-SA3B-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: 6411.7 lumens  
Efficiency: N/A  
Efficacy: 93.9 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

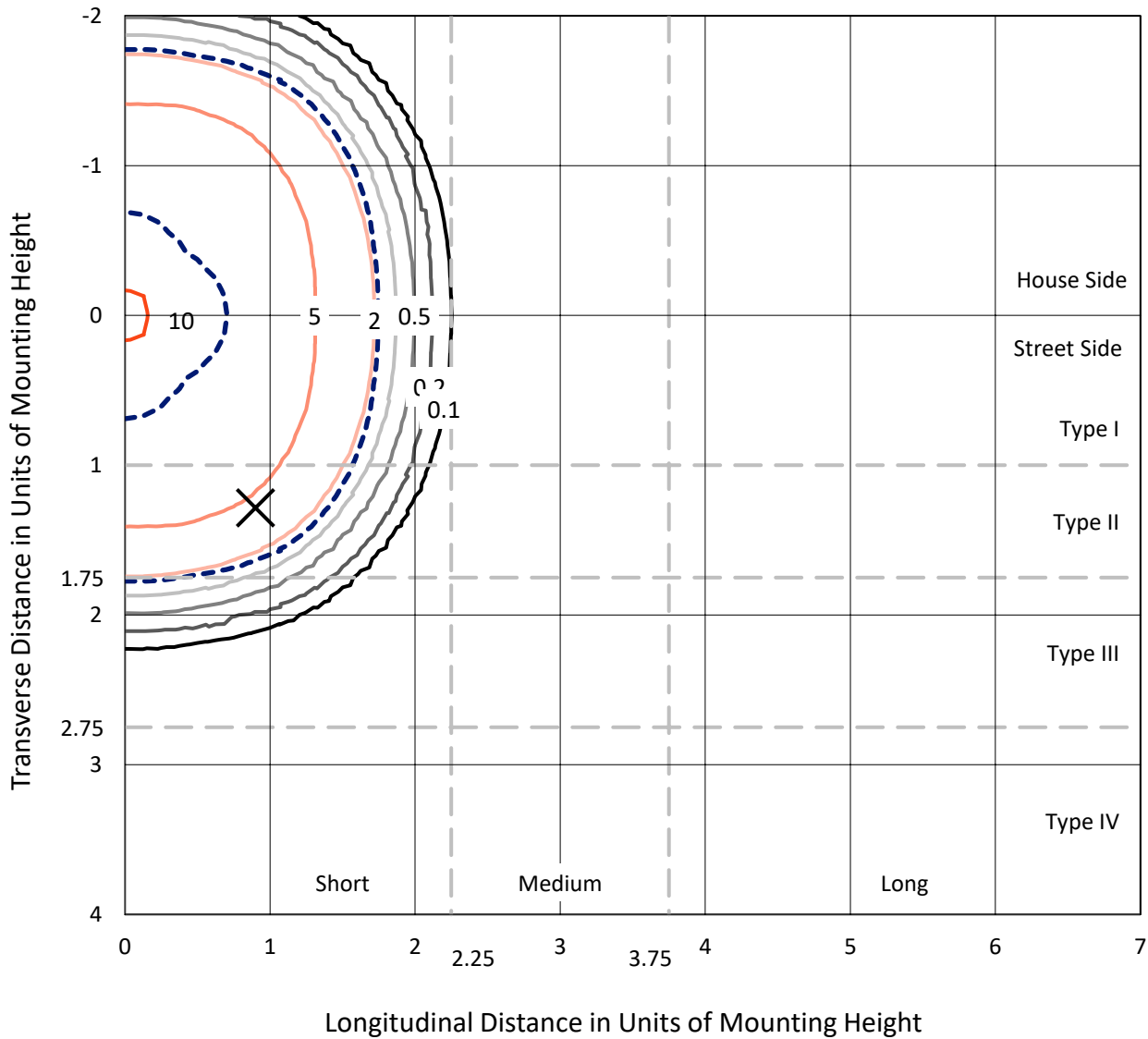


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### Iso-Footcandle Lines of Horizontal Illumination

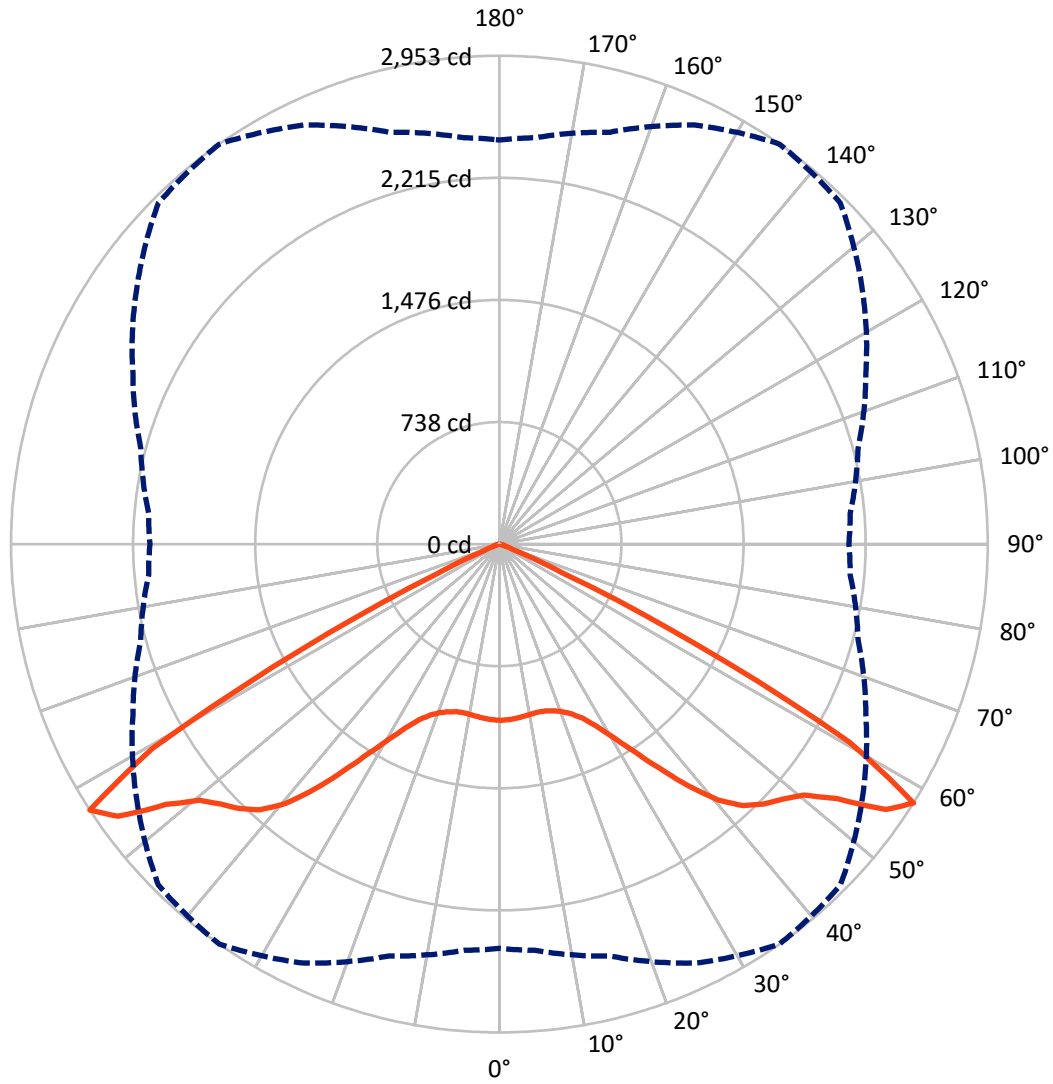
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 10.7 fc  
 Type V - Short - N/A

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### Luminous Intensity Polar Plot



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

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3205.9	0.0	3205.9
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	3205.9	0.0	3205.9
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	6411.7	0.0	6411.7
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	100.4	1.6
10°-20°	295.4	4.6
20°-30°	534.0	8.3
30°-40°	996.3	15.5
40°-50°	1671.2	26.1
50°-60°	2207.0	34.4
60°-70°	586.1	9.1
70°-80°	20.8	0.3
80°-90°	0.4	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°	6411.7	100.0
0°-180°	6411.7	100.0

**Coefficient of Utilization**



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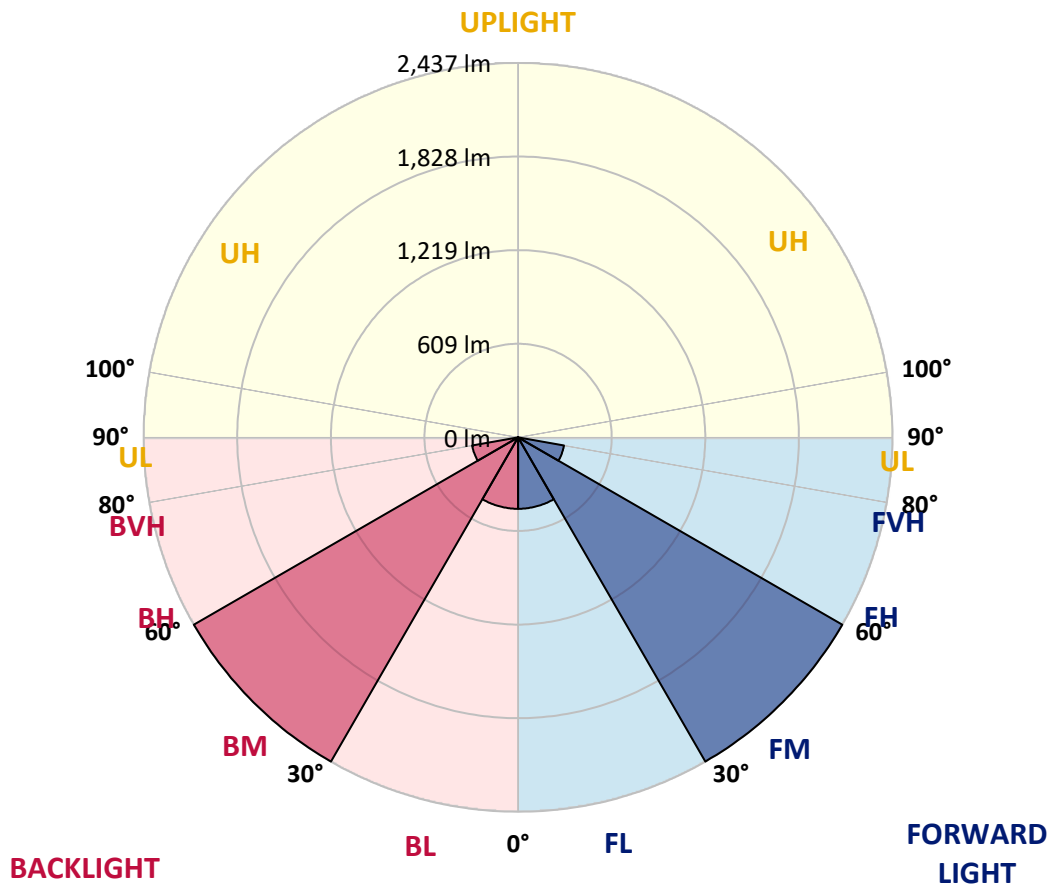
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	464.9	7.3			
FM (30°-60°)	2437.2	38.0			
FH (60°-80°)	303.5	4.7			G0/660
FVH (80°-90°)	0.2	0.0			G0/10
BL (0°-30°)	464.9	7.3	B1/500		
BM (30°-60°)	2437.2	38.0	B2/2500		
BH (60°-80°)	303.5	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: 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°	1066.0	1066.0	1066.0	1066.0	1066.0	1066.0	1066.0	1066.0	1066.0	1066.0	1066.0
2.5°	1058.5	1057.7	1060.7	1063.0	1063.0	1068.3	1066.8	1065.3	1063.7	1061.5	1066.8
5°	1057.0	1056.2	1058.5	1060.0	1058.5	1063.0	1060.0	1057.0	1055.5	1052.5	1058.5
7.5°	1050.2	1051.0	1052.5	1054.0	1051.7	1055.5	1051.7	1047.2	1043.4	1040.4	1045.7
10°	1039.7	1040.4	1041.9	1044.9	1045.7	1051.0	1045.7	1037.4	1032.1	1027.6	1032.9
12.5°	1034.4	1035.2	1037.4	1041.2	1041.9	1048.7	1041.9	1029.9	1022.4	1017.1	1022.4
15°	1035.9	1037.4	1040.4	1044.9	1046.4	1053.2	1044.2	1028.4	1017.9	1011.1	1015.6
17.5°	1041.2	1042.7	1047.2	1054.7	1060.0	1066.8	1055.5	1035.2	1020.9	1011.1	1015.6
20°	1047.9	1050.2	1057.7	1069.8	1081.0	1093.1	1078.8	1051.0	1032.1	1020.1	1023.9
22.5°	1066.8	1069.0	1079.5	1095.3	1114.1	1129.2	1111.9	1076.5	1051.0	1035.2	1038.9
25°	1105.1	1107.4	1120.9	1141.2	1165.3	1184.9	1163.0	1118.7	1085.6	1067.5	1069.0
27.5°	1165.3	1167.6	1183.4	1211.9	1244.3	1272.1	1240.5	1188.6	1151.0	1129.9	1129.9
30°	1241.3	1244.3	1265.4	1303.7	1354.1	1391.0	1348.1	1284.9	1236.8	1208.2	1208.9
32.5°	1339.1	1336.1	1366.2	1418.8	1490.3	1539.2	1476.0	1399.3	1339.8	1300.0	1303.7
35°	1464.7	1464.0	1497.8	1569.3	1662.6	1721.3	1646.0	1546.7	1475.3	1434.6	1435.4
37.5°	1626.5	1625.7	1664.8	1742.3	1854.4	1903.3	1819.1	1718.2	1641.5	1602.4	1606.9
40°	1816.0	1811.5	1846.1	1920.6	2032.7	2064.3	1972.5	1891.3	1817.5	1792.7	1804.8
42.5°	1996.6	1986.8	2007.1	2074.8	2161.3	2165.9	2096.6	2041.0	1990.6	1971.0	1978.5
45°	2141.8	2134.3	2153.1	2192.2	2241.8	2219.3	2186.2	2168.9	2128.2	2107.2	2114.0
47.5°	2250.1	2250.1	2272.7	2296.8	2304.3	2262.9	2268.2	2268.2	2227.5	2194.4	2186.2
50°	2343.4	2350.2	2384.0	2408.9	2384.0	2331.4	2361.5	2355.4	2272.7	2206.5	2189.2
52.5°	2492.4	2499.1	2551.0	2584.9	2557.1	2505.1	2508.9	2433.7	2311.8	2233.6	2206.5
55°	2650.3	2666.9	2742.1	2832.4	2833.1	2779.7	2680.4	2547.3	2399.1	2314.1	2286.2
57.5°	2443.5	2466.0	2578.1	2795.5	2952.8	2915.9	2678.9	2445.0	2244.9	2129.0	2113.2
60°	1681.4	1720.5	1832.6	2129.7	2432.9	2447.2	2167.4	1904.8	1675.4	1532.4	1535.4
62.5°	710.2	750.0	813.2	1057.7	1336.1	1353.4	1218.0	1029.9	842.6	739.5	755.3
65°	167.0	178.3	197.1	292.6	424.3	443.9	409.2	319.0	235.5	199.4	203.1
67.5°	73.0	74.5	70.7	75.2	93.3	95.5	92.5	81.2	76.7	78.2	78.2
70°	51.2	51.9	48.9	46.6	44.4	41.4	42.9	47.4	51.2	54.2	53.4
72.5°	31.6	32.3	33.1	33.1	30.8	27.8	29.3	32.3	33.1	33.9	33.1
75°	15.8	16.6	18.1	18.8	18.1	17.3	17.3	18.1	18.1	17.3	17.3
77.5°	3.0	3.8	5.3	6.0	6.0	6.0	6.0	6.0	6.8	6.0	6.0
80°	0.8	0.8	1.5	0.8	0.8	0.8	0.8	0.8	0.8	1.5	1.5
82.5°	0.8	0.8	0.8	0.8	0.0	0.0	0.8	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	0.8	0.8	0.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.8
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)