

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: P634218

Luminaire Tested: GWS-SA3B-735-U-5MQ-W-GRSBK

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P634218  
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-735-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) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6268.1 lumens  
Efficiency: N/A  
Efficacy: 91.8 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

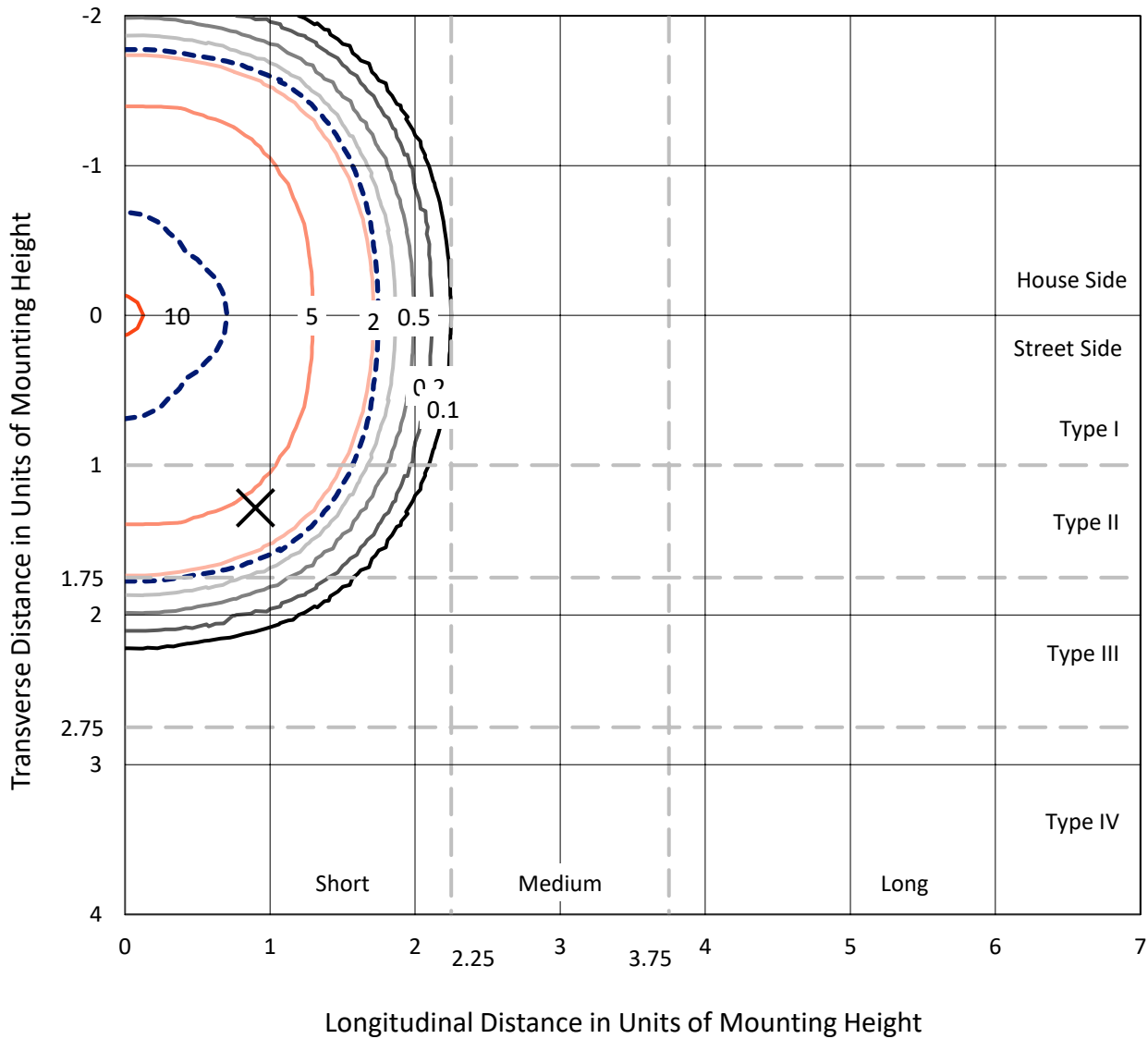


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### Iso-Footcandle Lines of Horizontal Illumination

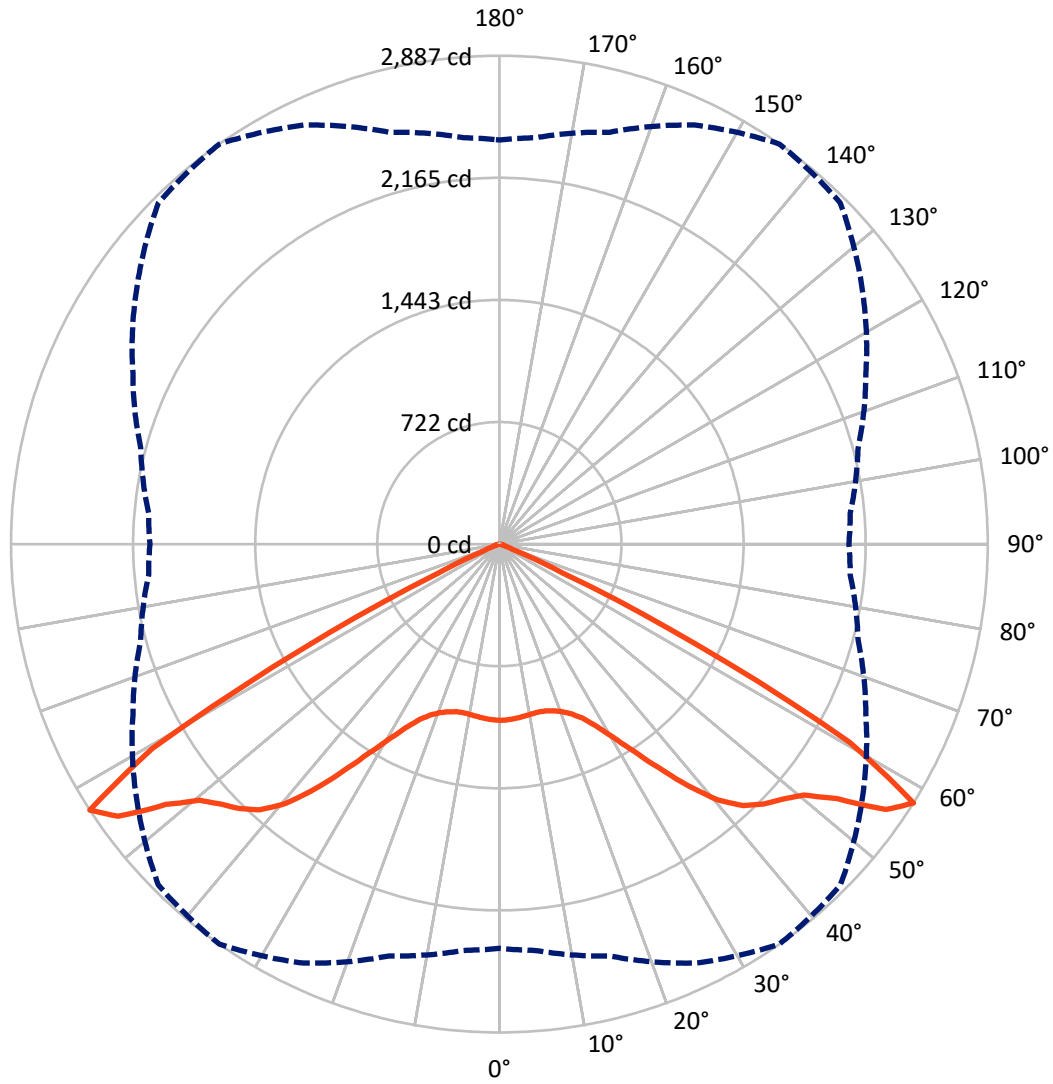
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 10.4 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	3134.0	0.0	3134.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	3134.0	0.0	3134.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	6268.1	0.0	6268.1
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	98.2	1.6
10°-20°	288.8	4.6
20°-30°	522.1	8.3
30°-40°	973.9	15.5
40°-50°	1633.8	26.1
50°-60°	2157.6	34.4
60°-70°	573.0	9.1
70°-80°	20.4	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°	6268.1	100.0
0°-180°	6268.1	100.0

**Coefficient of Utilization**



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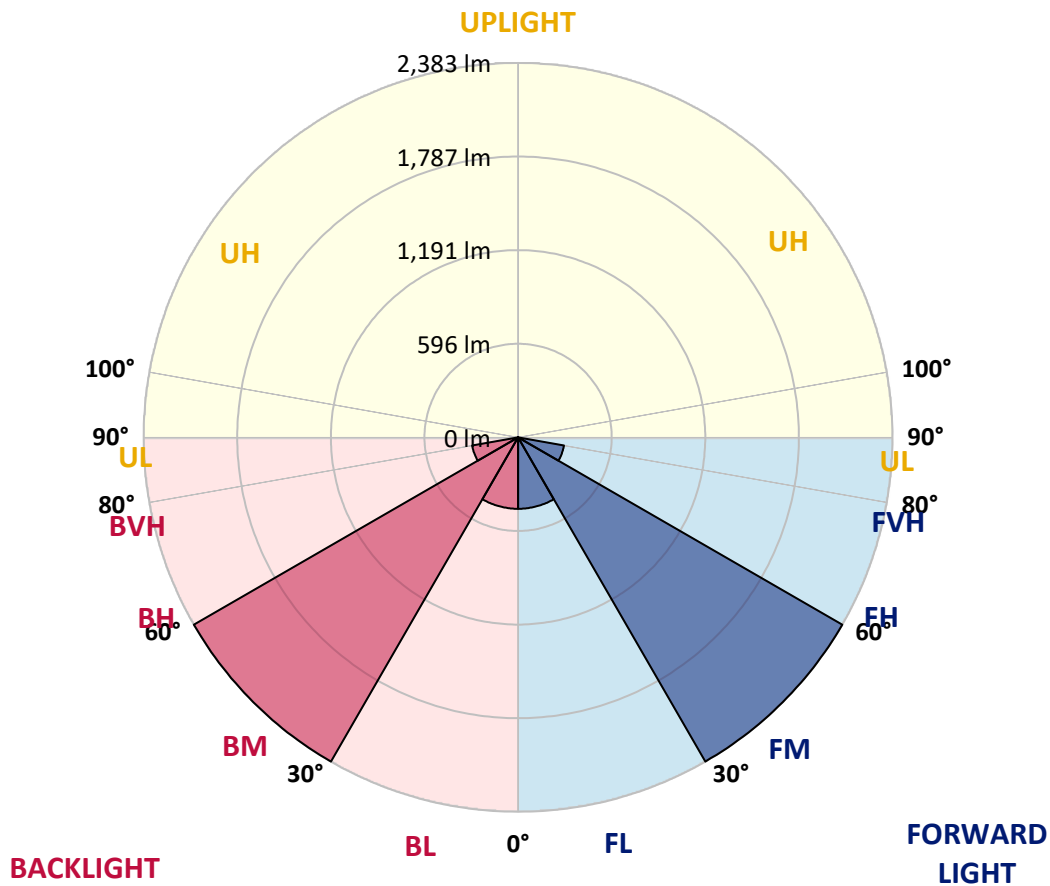
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	454.5	7.3			
FM (30°-60°)	2382.7	38.0			
FH (60°-80°)	296.7	4.7			G0/660
FVH (80°-90°)	0.2	0.0			G0/10
BL (0°-30°)	454.5	7.3	B1/500		
BM (30°-60°)	2382.7	38.0	B2/2500		
BH (60°-80°)	296.7	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°	1042.1	1042.1	1042.1	1042.1	1042.1	1042.1	1042.1	1042.1	1042.1	1042.1	1042.1
2.5°	1034.8	1034.0	1037.0	1039.2	1039.2	1044.3	1042.9	1041.4	1039.9	1037.7	1042.9
5°	1033.3	1032.6	1034.8	1036.2	1034.8	1039.2	1036.2	1033.3	1031.8	1028.9	1034.8
7.5°	1026.7	1027.4	1028.9	1030.4	1028.2	1031.8	1028.2	1023.7	1020.1	1017.1	1022.3
10°	1016.4	1017.1	1018.6	1021.5	1022.3	1027.4	1022.3	1014.2	1009.0	1004.6	1009.8
12.5°	1011.2	1012.0	1014.2	1017.9	1018.6	1025.2	1018.6	1006.8	999.5	994.3	999.5
15°	1012.7	1014.2	1017.1	1021.5	1023.0	1029.6	1020.8	1005.4	995.1	988.4	992.9
17.5°	1017.9	1019.3	1023.7	1031.1	1036.2	1042.9	1031.8	1012.0	998.0	988.4	992.9
20°	1024.5	1026.7	1034.0	1045.8	1056.8	1068.6	1054.6	1027.4	1009.0	997.3	1000.9
22.5°	1042.9	1045.1	1055.4	1070.8	1089.2	1103.9	1087.0	1052.4	1027.4	1012.0	1015.7
25°	1080.4	1082.6	1095.8	1115.7	1139.2	1158.3	1137.0	1093.6	1061.2	1043.6	1045.1
27.5°	1139.2	1141.4	1156.9	1184.8	1216.4	1243.6	1212.8	1162.0	1125.2	1104.6	1104.6
30°	1213.5	1216.4	1237.0	1274.5	1323.8	1359.8	1317.9	1256.1	1209.1	1181.1	1181.9
32.5°	1309.1	1306.2	1335.6	1387.1	1456.9	1504.7	1442.9	1367.9	1309.8	1270.9	1274.5
35°	1431.9	1431.2	1464.3	1534.1	1625.3	1682.7	1609.2	1512.1	1442.2	1402.5	1403.2
37.5°	1590.0	1589.3	1627.5	1703.3	1812.9	1860.7	1778.3	1679.8	1604.7	1566.5	1570.9
40°	1775.4	1771.0	1804.8	1877.6	1987.2	2018.1	1928.3	1848.9	1776.8	1752.6	1764.3
42.5°	1951.9	1942.3	1962.2	2028.4	2112.9	2117.4	2049.7	1995.3	1946.0	1926.9	1934.2
45°	2093.8	2086.5	2104.8	2143.1	2191.6	2169.6	2137.2	2120.3	2080.6	2060.0	2066.6
47.5°	2199.7	2199.7	2221.8	2245.3	2252.7	2212.2	2217.4	2217.4	2177.7	2145.3	2137.2
50°	2290.9	2297.5	2330.6	2354.9	2330.6	2279.1	2308.6	2302.7	2221.8	2157.1	2140.2
52.5°	2436.5	2443.2	2493.9	2527.0	2499.8	2449.0	2452.7	2379.2	2260.0	2183.5	2157.1
55°	2591.0	2607.2	2680.7	2769.0	2769.7	2717.5	2620.4	2490.2	2345.3	2262.2	2235.0
57.5°	2388.7	2410.8	2520.4	2732.9	2886.6	2850.6	2618.9	2390.2	2194.6	2081.3	2065.9
60°	1643.7	1682.0	1791.5	2082.0	2378.4	2392.4	2118.8	1862.2	1637.8	1498.1	1501.0
62.5°	694.3	733.2	795.0	1034.0	1306.2	1323.1	1190.7	1006.8	823.7	722.9	738.4
65°	163.3	174.3	192.7	286.1	414.8	433.9	400.1	311.8	230.2	194.9	198.6
67.5°	71.3	72.8	69.1	73.5	91.2	93.4	90.5	79.4	75.0	76.5	76.5
70°	50.0	50.7	47.8	45.6	43.4	40.4	41.9	46.3	50.0	53.0	52.2
72.5°	30.9	31.6	32.4	32.4	30.2	27.2	28.7	31.6	32.4	33.1	32.4
75°	15.4	16.2	17.7	18.4	17.7	16.9	16.9	17.7	17.7	16.9	16.9
77.5°	2.9	3.7	5.1	5.9	5.9	5.9	5.9	5.9	6.6	5.9	5.9
80°	0.7	0.7	1.5	0.7	0.7	0.7	0.7	0.7	0.7	1.5	1.5
82.5°	0.7	0.7	0.7	0.7	0.0	0.0	0.7	0.7	0.7	0.7	0.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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)