

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: P634273

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

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P634273  
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-740-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) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6355.2 lumens  
Efficiency: N/A  
Efficacy: 93.0 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

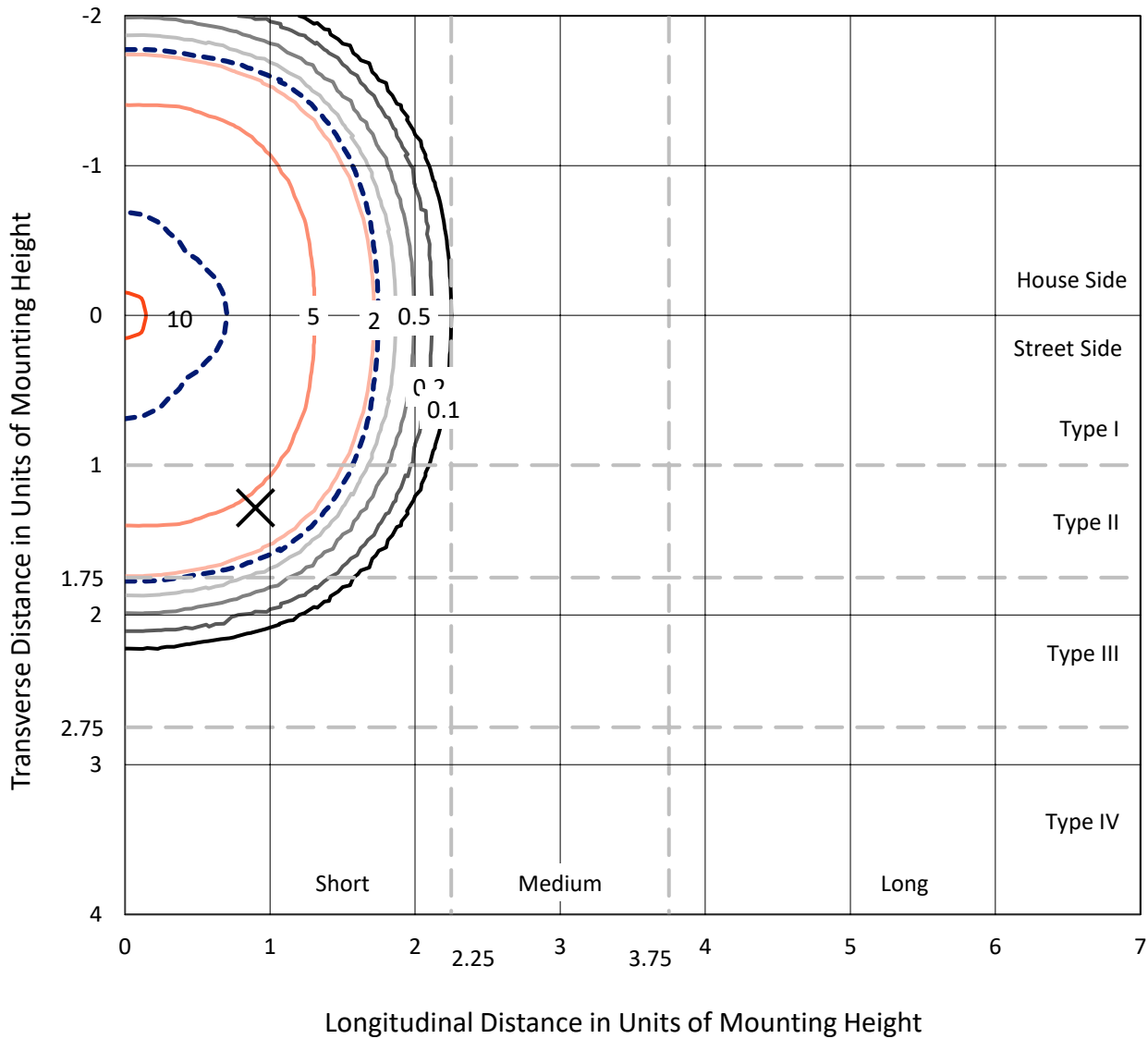


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### Iso-Footcandle Lines of Horizontal Illumination

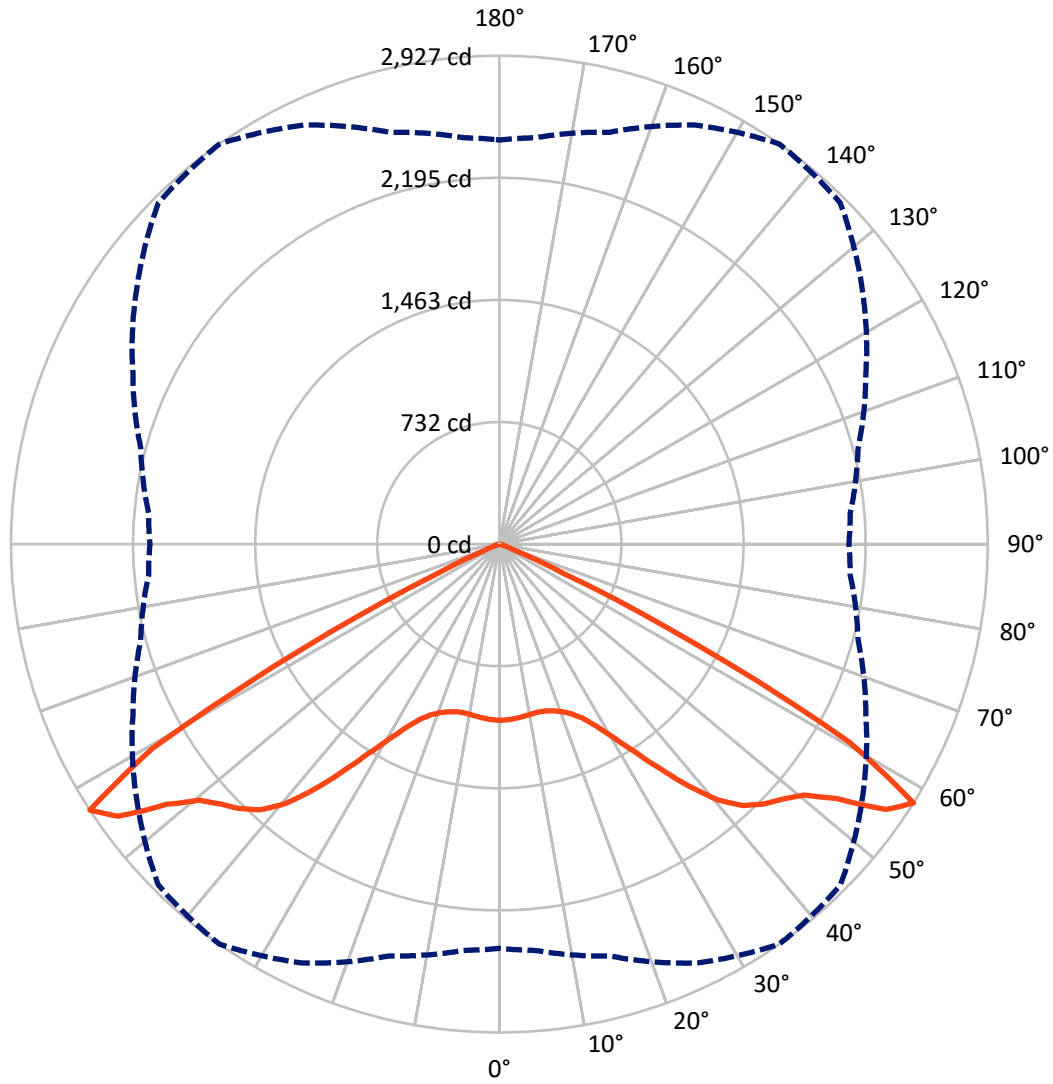
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 10.6 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	3177.6	0.0	3177.6
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	3177.6	0.0	3177.6
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	6355.2	0.0	6355.2
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	99.6	1.6
10°-20°	292.8	4.6
20°-30°	529.3	8.3
30°-40°	987.5	15.5
40°-50°	1656.5	26.1
50°-60°	2187.6	34.4
60°-70°	581.0	9.1
70°-80°	20.6	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°	6355.2	100.0
0°-180°	6355.2	100.0

**Coefficient of Utilization**



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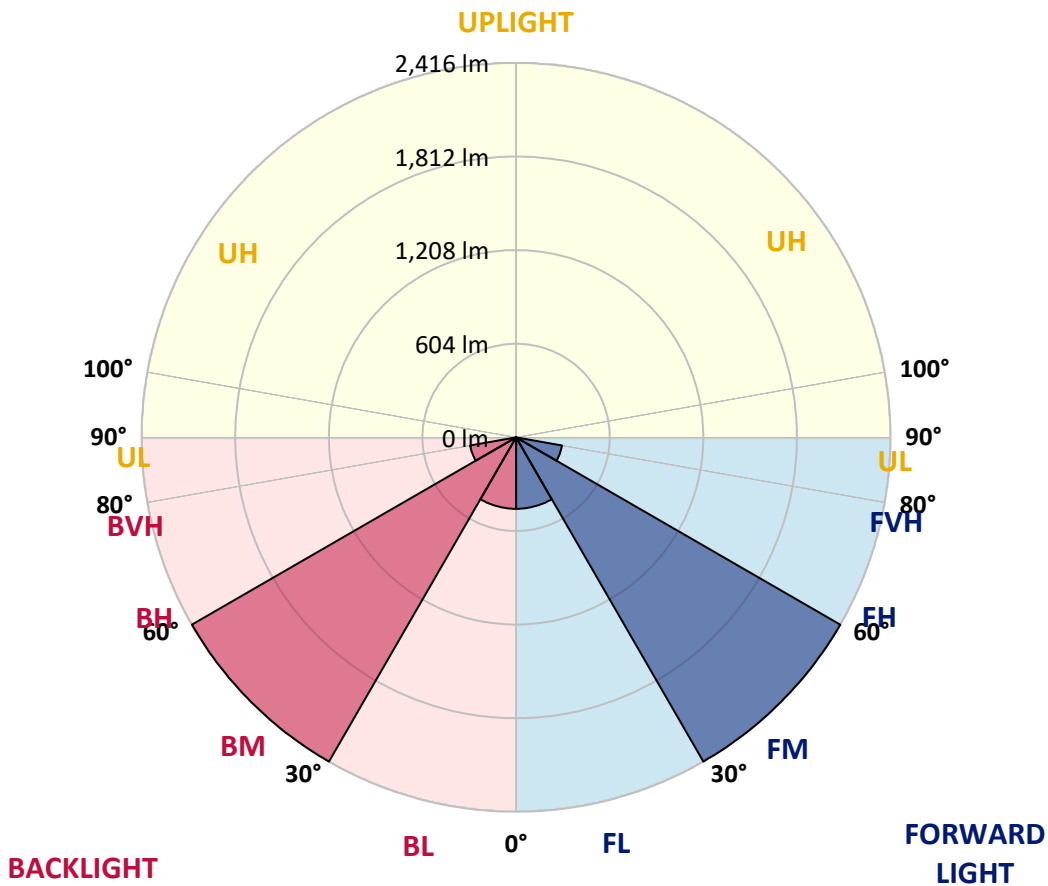
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	460.8	7.3			
FM (30°-60°)	2415.8	38.0			
FH (60°-80°)	300.8	4.7			G0/660
FVH (80°-90°)	0.2	0.0			G0/10
BL (0°-30°)	460.8	7.3	B1/500		
BM (30°-60°)	2415.8	38.0	B2/2500		
BH (60°-80°)	300.8	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°	1056.6	1056.6	1056.6	1056.6	1056.6	1056.6	1056.6	1056.6	1056.6	1056.6	1056.6
2.5°	1049.2	1048.4	1051.4	1053.6	1053.6	1058.8	1057.4	1055.9	1054.4	1052.1	1057.4
5°	1047.7	1046.9	1049.2	1050.6	1049.2	1053.6	1050.6	1047.7	1046.2	1043.2	1049.2
7.5°	1041.0	1041.7	1043.2	1044.7	1042.4	1046.2	1042.4	1038.0	1034.2	1031.3	1036.5
10°	1030.5	1031.3	1032.7	1035.7	1036.5	1041.7	1036.5	1028.3	1023.1	1018.6	1023.8
12.5°	1025.3	1026.0	1028.3	1032.0	1032.7	1039.5	1032.7	1020.8	1013.4	1008.1	1013.4
15°	1026.8	1028.3	1031.3	1035.7	1037.2	1043.9	1035.0	1019.3	1008.9	1002.2	1006.6
17.5°	1032.0	1033.5	1038.0	1045.4	1050.6	1057.4	1046.2	1026.0	1011.9	1002.2	1006.6
20°	1038.7	1041.0	1048.4	1060.3	1071.5	1083.5	1069.3	1041.7	1023.1	1011.1	1014.9
22.5°	1057.4	1059.6	1070.0	1085.7	1104.3	1119.2	1102.1	1067.0	1041.7	1026.0	1029.8
25°	1095.4	1097.6	1111.0	1131.2	1155.0	1174.4	1152.8	1108.8	1076.0	1058.1	1059.6
27.5°	1155.0	1157.3	1172.9	1201.3	1233.3	1260.9	1229.6	1178.2	1140.9	1120.0	1120.0
30°	1230.3	1233.3	1254.2	1292.2	1342.2	1378.7	1336.2	1273.6	1225.9	1197.5	1198.3
32.5°	1327.3	1324.3	1354.1	1406.3	1477.2	1525.6	1463.0	1386.9	1328.0	1288.5	1292.2
35°	1451.8	1451.1	1484.6	1555.5	1647.9	1706.1	1631.5	1533.1	1462.3	1422.0	1422.7
37.5°	1612.1	1611.4	1650.2	1727.0	1838.1	1886.5	1803.0	1703.1	1627.0	1588.3	1592.7
40°	1800.0	1795.6	1829.9	1903.7	2014.8	2046.1	1955.1	1874.6	1801.5	1776.9	1788.9
42.5°	1979.0	1969.3	1989.4	2056.5	2142.3	2146.8	2078.2	2023.0	1973.0	1953.6	1961.1
45°	2122.9	2115.5	2134.1	2172.9	2222.1	2199.7	2166.9	2149.8	2109.5	2088.6	2095.3
47.5°	2230.3	2230.3	2252.7	2276.5	2284.0	2243.0	2248.2	2248.2	2207.9	2175.1	2166.9
50°	2322.8	2329.5	2363.0	2387.6	2363.0	2310.8	2340.6	2334.7	2252.7	2187.0	2169.9
52.5°	2470.4	2477.1	2528.6	2562.1	2534.5	2483.1	2486.8	2412.2	2291.4	2213.9	2187.0
55°	2627.0	2643.4	2718.0	2807.4	2808.2	2755.2	2656.8	2524.8	2377.9	2293.7	2266.1
57.5°	2421.9	2444.3	2555.4	2770.9	2926.7	2890.2	2655.3	2423.4	2225.1	2110.2	2094.6
60°	1666.6	1705.3	1816.4	2111.0	2411.5	2425.7	2148.3	1888.0	1660.6	1518.9	1521.9
62.5°	703.9	743.4	806.1	1048.4	1324.3	1341.5	1207.2	1020.8	835.1	733.0	748.6
65°	165.5	176.7	195.4	290.1	420.6	439.9	405.6	316.2	233.4	197.6	201.3
67.5°	72.3	73.8	70.1	74.6	92.5	94.7	91.7	80.5	76.1	77.5	77.5
70°	50.7	51.5	48.5	46.2	44.0	41.0	42.5	47.0	50.7	53.7	52.9
72.5°	31.3	32.1	32.8	32.8	30.6	27.6	29.1	32.1	32.8	33.6	32.8
75°	15.7	16.4	17.9	18.6	17.9	17.2	17.2	17.9	17.9	17.2	17.2
77.5°	3.0	3.7	5.2	6.0	6.0	6.0	6.0	6.0	6.7	6.0	6.0
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)