

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: P634548

Luminaire Tested: GWS-SA3C-722-U-5MQ-W-GRSBK

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P634548  
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-SA3C-722-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) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

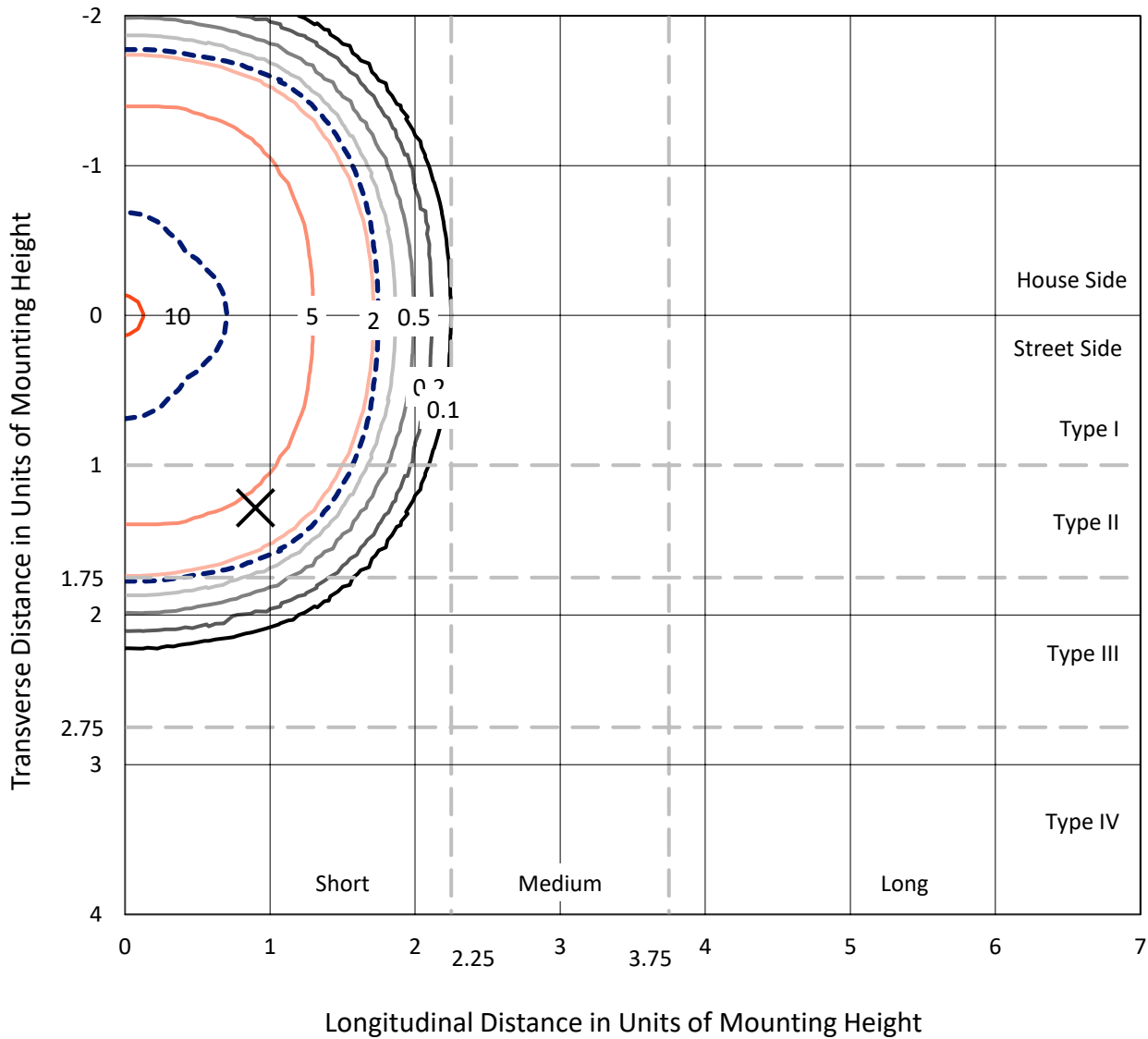
Lumens per Lamp: N/A  
Luminaire Lumens: 6278 lumens  
Efficiency: N/A  
Efficacy: 67.5 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B2 - U0 - G0  
  
Input Watts (W): 93  
Input Voltage (V): 120  
Input Current (Ain): NR  
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

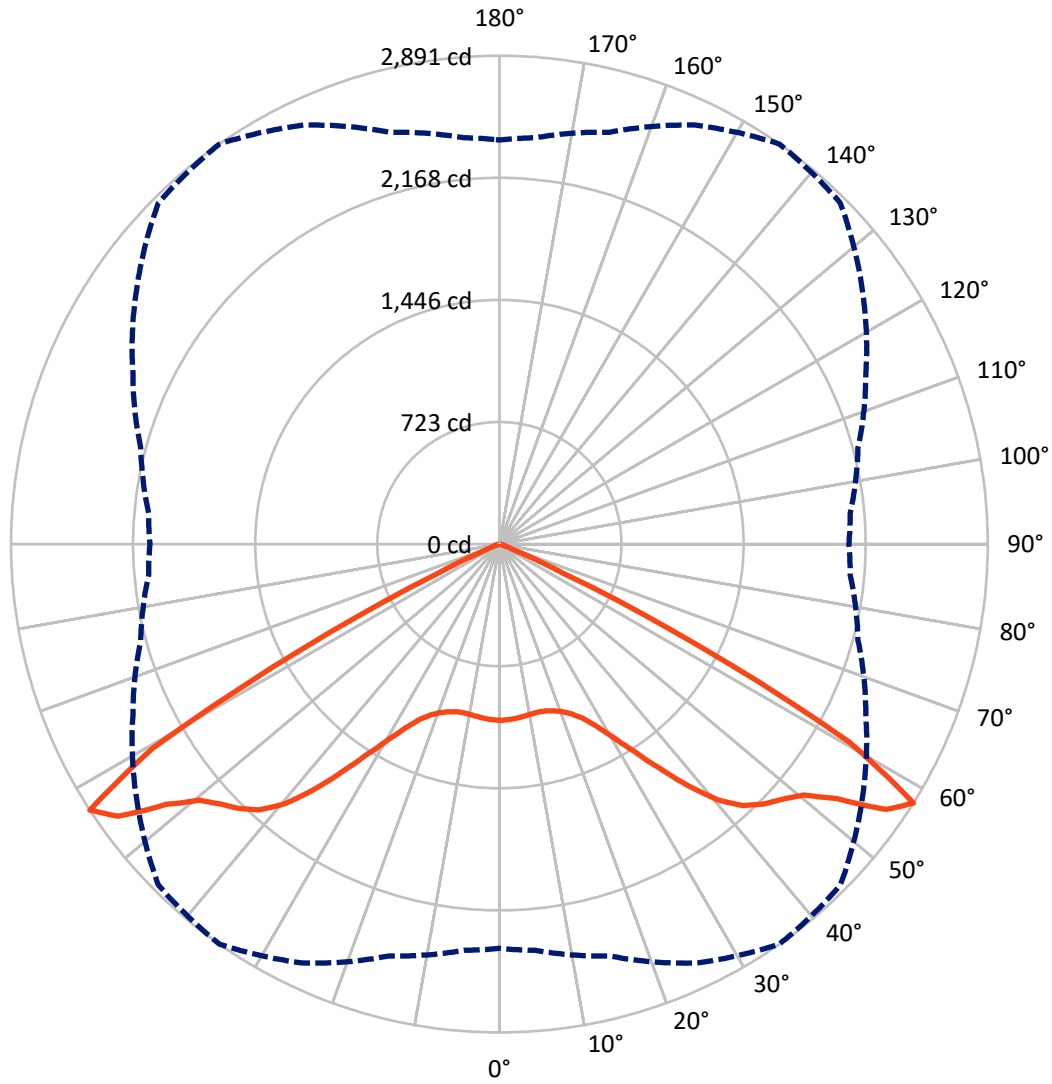
✕ Max cd  
 - - - 1/2 Max cd



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	3139.0	0.0	3139.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	3139.0	0.0	3139.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	6278.0	0.0	6278.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	98.3	1.6
10°-20°	289.3	4.6
20°-30°	522.9	8.3
30°-40°	975.5	15.5
40°-50°	1636.4	26.1
50°-60°	2161.0	34.4
60°-70°	573.9	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°	6278.0	100.0
0°-180°	6278.0	100.0

**Coefficient of Utilization**



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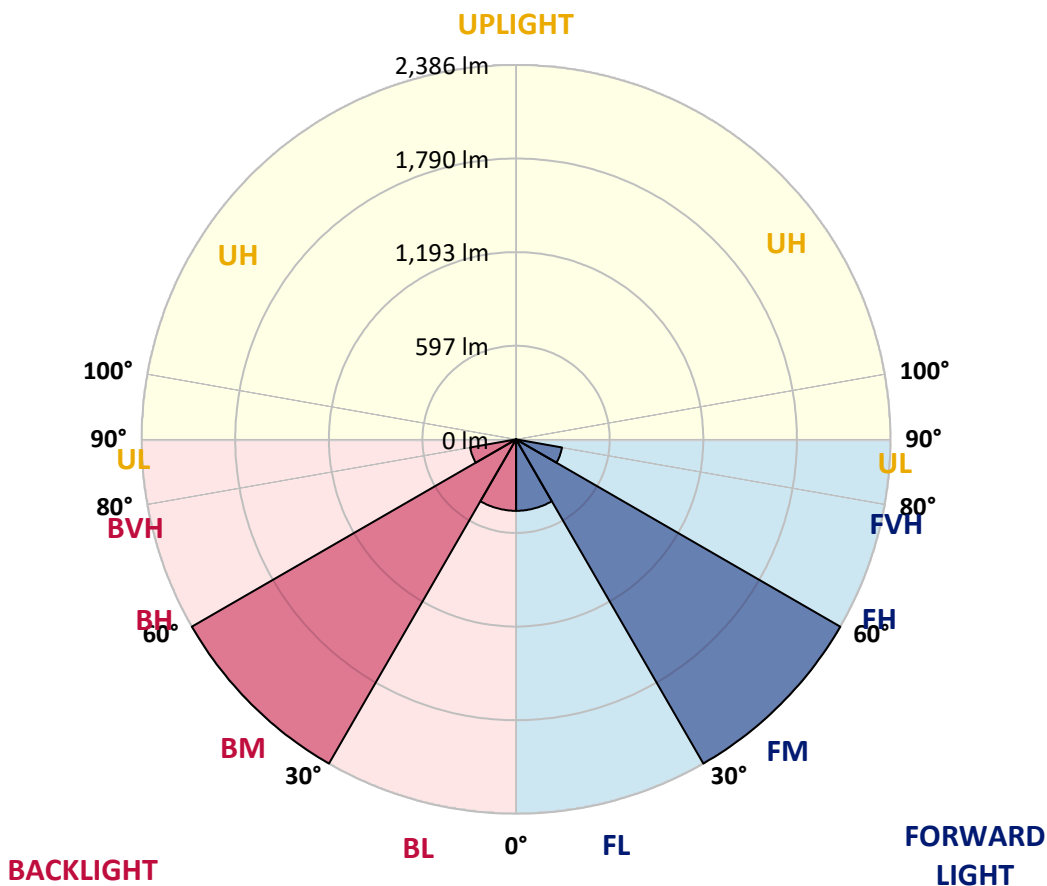
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	455.2	7.3			
FM (30°-60°)	2386.4	38.0			
FH (60°-80°)	297.1	4.7			G0/660
FVH (80°-90°)	0.2	0.0			G0/10
BL (0°-30°)	455.2	7.3	B1/500		
BM (30°-60°)	2386.4	38.0	B2/2500		
BH (60°-80°)	297.1	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°	1043.8	1043.8	1043.8	1043.8	1043.8	1043.8	1043.8	1043.8	1043.8	1043.8	1043.8
2.5°	1036.4	1035.7	1038.6	1040.8	1040.8	1046.0	1044.5	1043.0	1041.6	1039.4	1044.5
5°	1034.9	1034.2	1036.4	1037.9	1036.4	1040.8	1037.9	1034.9	1033.5	1030.5	1036.4
7.5°	1028.3	1029.0	1030.5	1032.0	1029.8	1033.5	1029.8	1025.4	1021.7	1018.7	1023.9
10°	1018.0	1018.7	1020.2	1023.1	1023.9	1029.0	1023.9	1015.8	1010.6	1006.2	1011.4
12.5°	1012.8	1013.6	1015.8	1019.5	1020.2	1026.8	1020.2	1008.4	1001.1	995.9	1001.1
15°	1014.3	1015.8	1018.7	1023.1	1024.6	1031.3	1022.4	1006.9	996.6	990.0	994.4
17.5°	1019.5	1020.9	1025.4	1032.7	1037.9	1044.5	1033.5	1013.6	999.6	990.0	994.4
20°	1026.1	1028.3	1035.7	1047.5	1058.5	1070.3	1056.3	1029.0	1010.6	998.8	1002.5
22.5°	1044.5	1046.7	1057.0	1072.5	1090.9	1105.6	1088.7	1054.1	1029.0	1013.6	1017.3
25°	1082.1	1084.3	1097.5	1117.4	1141.0	1160.2	1138.8	1095.3	1062.9	1045.2	1046.7
27.5°	1141.0	1143.2	1158.7	1186.7	1218.4	1245.6	1214.7	1163.8	1127.0	1106.4	1106.4
30°	1215.4	1218.4	1239.0	1276.5	1325.9	1362.0	1320.0	1258.1	1211.0	1183.0	1183.7
32.5°	1311.2	1308.2	1337.7	1389.2	1459.2	1507.1	1445.2	1370.1	1311.9	1272.9	1276.5
35°	1434.2	1433.4	1466.6	1536.6	1627.9	1685.4	1611.7	1514.5	1444.5	1404.7	1405.4
37.5°	1592.5	1591.8	1630.1	1706.0	1815.7	1863.6	1781.1	1682.4	1607.3	1569.0	1573.4
40°	1778.2	1773.8	1807.6	1880.6	1990.3	2021.3	1931.4	1851.8	1779.6	1755.3	1767.1
42.5°	1955.0	1945.4	1965.3	2031.6	2116.3	2120.7	2052.9	1998.4	1949.1	1929.9	1937.3
45°	2097.1	2089.8	2108.2	2146.5	2195.1	2173.0	2140.6	2123.6	2083.9	2063.2	2069.9
47.5°	2203.2	2203.2	2225.3	2248.9	2256.2	2215.7	2220.9	2220.9	2181.1	2148.7	2140.6
50°	2294.5	2301.2	2334.3	2358.6	2334.3	2282.7	2312.2	2306.3	2225.3	2160.5	2143.5
52.5°	2440.4	2447.0	2497.8	2531.0	2503.7	2452.9	2456.6	2382.9	2263.6	2187.0	2160.5
55°	2595.1	2611.3	2684.9	2773.3	2774.1	2721.8	2624.5	2494.2	2349.0	2265.8	2238.6
57.5°	2392.5	2414.6	2524.4	2737.2	2891.2	2855.1	2623.1	2394.0	2198.0	2084.6	2069.1
60°	1646.3	1684.6	1794.4	2085.3	2382.2	2396.2	2122.2	1865.1	1640.4	1500.5	1503.4
62.5°	695.4	734.4	796.3	1035.7	1308.2	1325.2	1192.6	1008.4	825.0	724.1	739.6
65°	163.5	174.6	193.0	286.5	415.4	434.6	400.7	312.3	230.6	195.2	198.9
67.5°	71.5	72.9	69.2	73.7	91.3	93.5	90.6	79.6	75.1	76.6	76.6
70°	50.1	50.8	47.9	45.7	43.5	40.5	42.0	46.4	50.1	53.0	52.3
72.5°	30.9	31.7	32.4	32.4	30.2	27.3	28.7	31.7	32.4	33.1	32.4
75°	15.5	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	5.2	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)