

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: P634053

Luminaire Tested: GWS-SA3B-722-U-5MQ-W-GRSBK

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P634053
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-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: 4681.2 lumens
Efficiency: N/A
Efficacy: 68.5 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

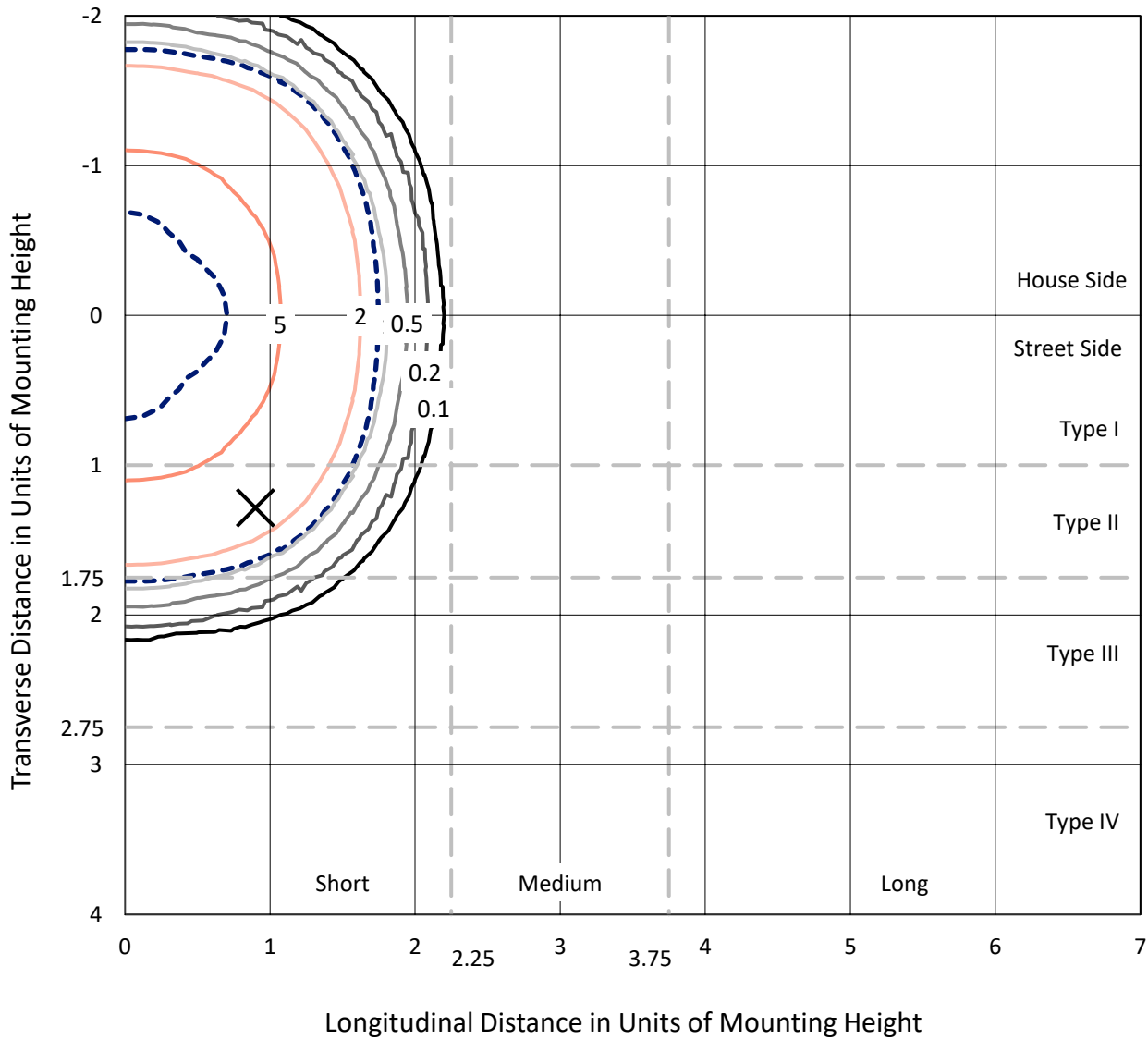
Input Watts (W): 68.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

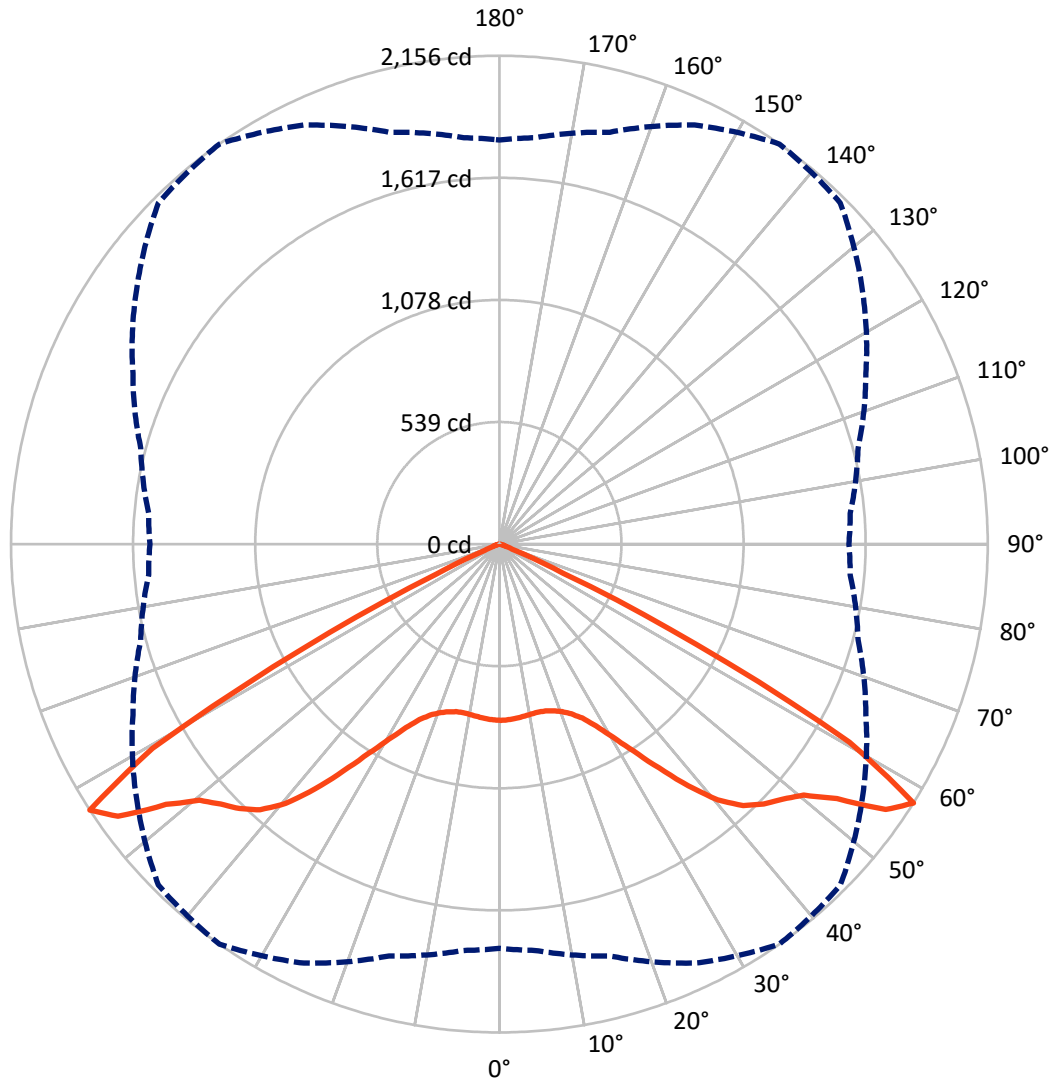
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 7.8 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
House Side	Lumens	2340.6	0.0	2340.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2340.6	0.0	2340.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	4681.2	0.0	4681.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.3	1.6
10°-20°	215.7	4.6
20°-30°	389.9	8.3
30°-40°	727.4	15.5
40°-50°	1220.2	26.1
50°-60°	1611.4	34.4
60°-70°	427.9	9.1
70°-80°	15.2	0.3
80°-90°	0.3	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°	4681.2	100.0
0°-180°	4681.2	100.0

Coefficient of Utilization



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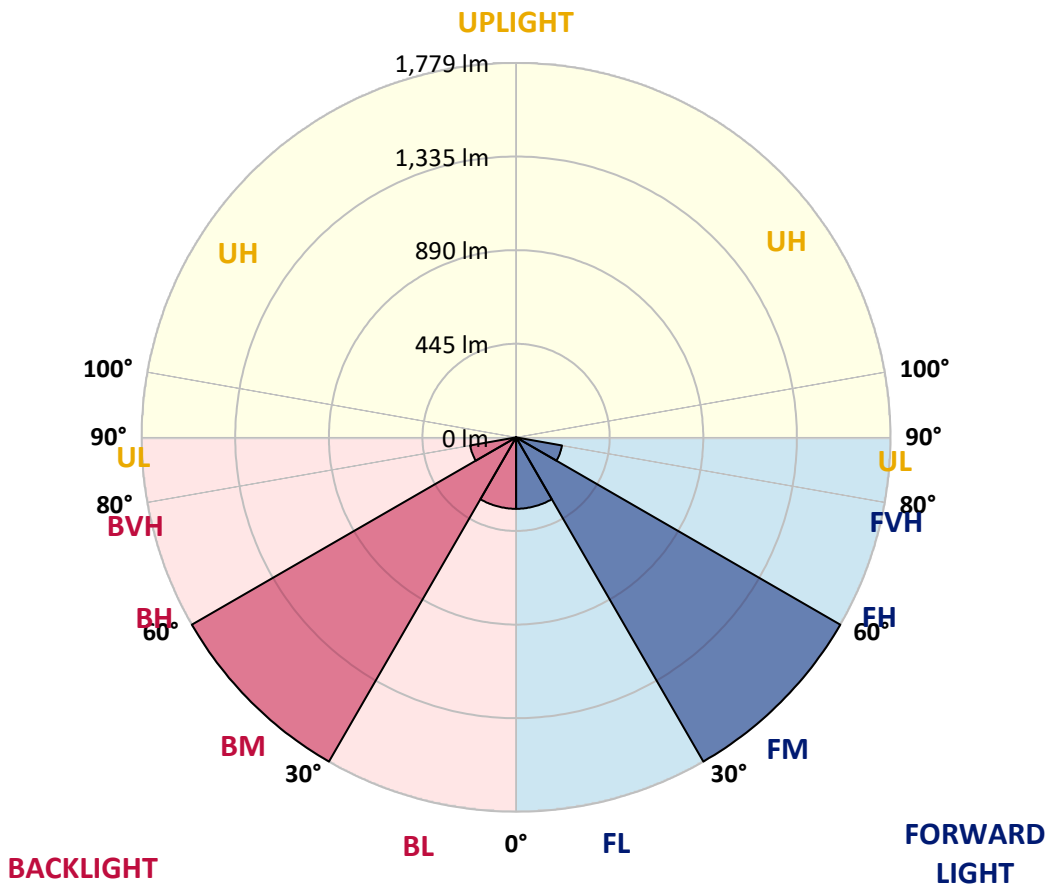
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	339.5	7.3			
FM (30°-60°)	1779.4	38.0			
FH (60°-80°)	221.6	4.7			G0/660
FVH (80°-90°)	0.1	0.0			G0/10
BL (0°-30°)	339.5	7.3	B1/500		
BM (30°-60°)	1779.4	38.0	B2/2500		
BH (60°-80°)	221.6	4.7	B1/500		G0/660
BVH (80°-90°)	0.1	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°	778.3	778.3	778.3	778.3	778.3	778.3	778.3	778.3	778.3	778.3	778.3
2.5°	772.8	772.2	774.4	776.1	776.1	779.9	778.8	777.7	776.6	775.0	778.8
5°	771.7	771.2	772.8	773.9	772.8	776.1	773.9	771.7	770.6	768.4	772.8
7.5°	766.8	767.3	768.4	769.5	767.9	770.6	767.9	764.6	761.8	759.6	763.5
10°	759.1	759.6	760.7	762.9	763.5	767.3	763.5	757.4	753.6	750.3	754.1
12.5°	755.2	755.8	757.4	760.2	760.7	765.7	760.7	751.9	746.4	742.6	746.4
15°	756.3	757.4	759.6	762.9	764.0	769.0	762.4	750.8	743.1	738.2	741.5
17.5°	760.2	761.3	764.6	770.1	773.9	778.8	770.6	755.8	745.3	738.2	741.5
20°	765.1	766.8	772.2	781.0	789.3	798.1	787.6	767.3	753.6	744.8	747.5
22.5°	778.8	780.5	788.2	799.7	813.4	824.4	811.8	786.0	767.3	755.8	758.5
25°	806.9	808.5	818.4	833.2	850.8	865.1	849.1	816.7	792.6	779.4	780.5
27.5°	850.8	852.4	864.0	884.8	908.5	928.8	905.7	867.8	840.4	825.0	825.0
30°	906.3	908.5	923.8	951.9	988.7	1015.6	984.3	938.1	903.0	882.1	882.6
32.5°	977.7	975.5	997.4	1035.9	1088.1	1123.8	1077.6	1021.6	978.2	949.1	951.9
35°	1069.4	1068.8	1093.6	1145.7	1213.8	1256.7	1201.8	1129.3	1077.1	1047.4	1048.0
37.5°	1187.5	1186.9	1215.5	1272.1	1353.9	1389.6	1328.1	1254.5	1198.5	1169.9	1173.2
40°	1325.9	1322.6	1347.9	1402.2	1484.1	1507.2	1440.1	1380.8	1327.0	1308.9	1317.7
42.5°	1457.7	1450.6	1465.4	1514.8	1578.0	1581.3	1530.8	1490.1	1453.3	1439.0	1444.5
45°	1563.7	1558.2	1572.0	1600.5	1636.8	1620.3	1596.1	1583.5	1553.8	1538.5	1543.4
47.5°	1642.8	1642.8	1659.3	1676.9	1682.4	1652.2	1656.0	1656.0	1626.3	1602.2	1596.1
50°	1710.9	1715.9	1740.6	1758.7	1740.6	1702.1	1724.1	1719.7	1659.3	1611.0	1598.3
52.5°	1819.7	1824.6	1862.5	1887.2	1866.9	1829.0	1831.8	1776.8	1687.9	1630.7	1611.0
55°	1935.0	1947.1	2002.0	2067.9	2068.5	2029.5	1957.0	1859.8	1751.6	1689.5	1669.2
57.5°	1784.0	1800.5	1882.3	2041.0	2155.8	2128.9	1955.9	1785.1	1639.0	1554.4	1542.9
60°	1227.6	1256.1	1338.0	1554.9	1776.3	1786.7	1582.4	1390.7	1223.2	1118.8	1121.0
62.5°	518.5	547.6	593.7	772.2	975.5	988.1	889.2	751.9	615.2	539.9	551.5
65°	121.9	130.2	143.9	213.7	309.8	324.1	298.8	232.9	171.9	145.6	148.3
67.5°	53.3	54.4	51.6	54.9	68.1	69.8	67.6	59.3	56.0	57.1	57.1
70°	37.3	37.9	35.7	34.1	32.4	30.2	31.3	34.6	37.3	39.5	39.0
72.5°	23.1	23.6	24.2	24.2	22.5	20.3	21.4	23.6	24.2	24.7	24.2
75°	11.5	12.1	13.2	13.7	13.2	12.6	12.6	13.2	13.2	12.6	12.6
77.5°	2.2	2.7	3.8	4.4	4.4	4.4	4.4	4.4	4.9	4.4	4.4
80°	0.5	0.5	1.1	0.5	0.5	0.5	0.5	0.5	0.5	1.1	1.1
82.5°	0.5	0.5	0.5	0.5	0.0	0.0	0.5	0.5	0.5	0.5	0.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5
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)