

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: P634059

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

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P634059  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-2)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 1/10/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: McGRAW-EDISON  
Catalog Number: GWS-SA3B-722-U-5WQ-W-GRSBK  
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V WIDE OPTICS W/ FACTORY INSTALLED GLARE SHIELD, BK  
Light Source: (48) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

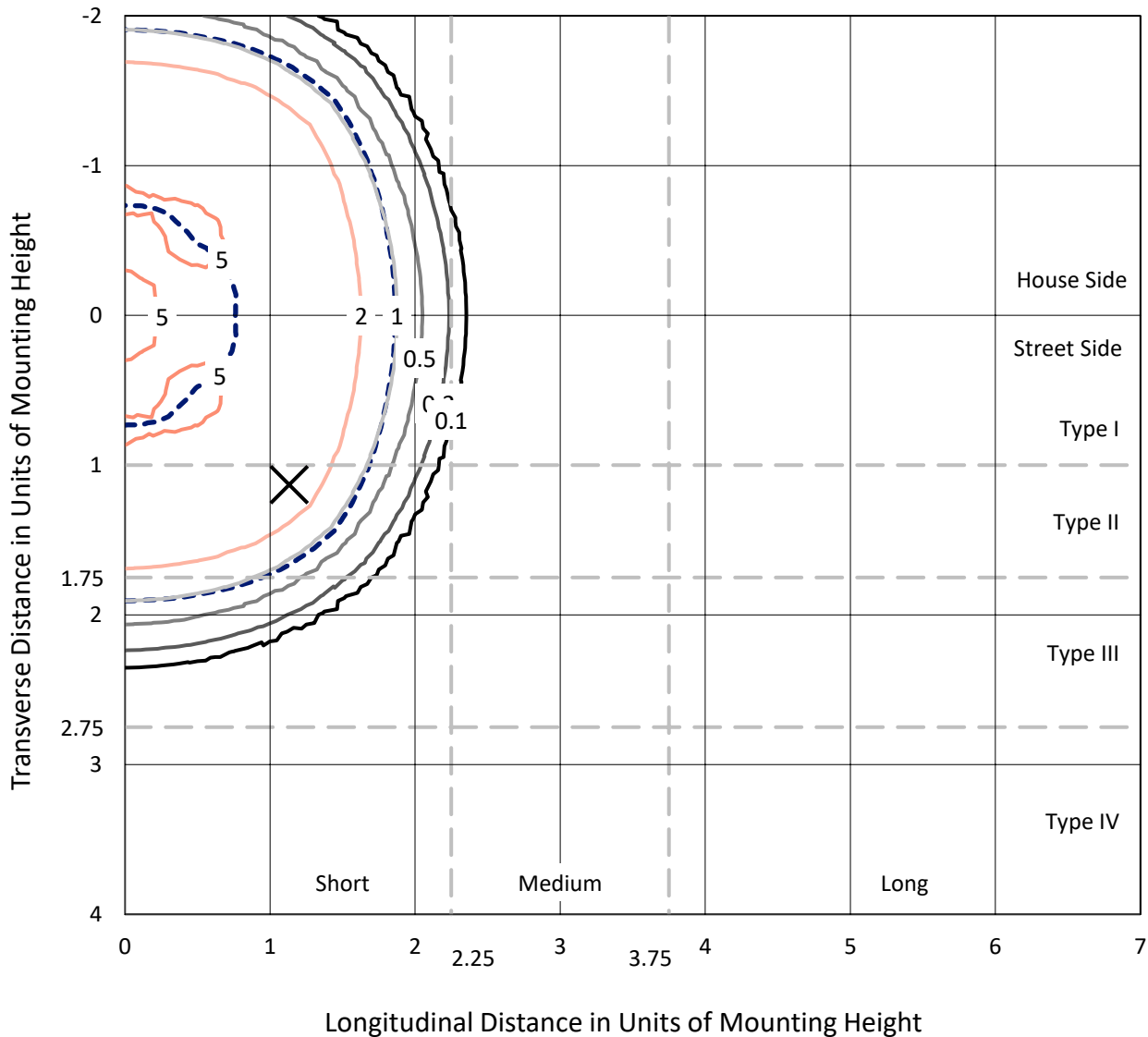
Lumens per Lamp: N/A  
Luminaire Lumens: 4032 lumens  
Efficiency: N/A  
Efficacy: 59.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B2 - U0 - G0  
  
Input Watts (W): 68.3  
Input Voltage (V): 120  
Input Current (Ain): NR  
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

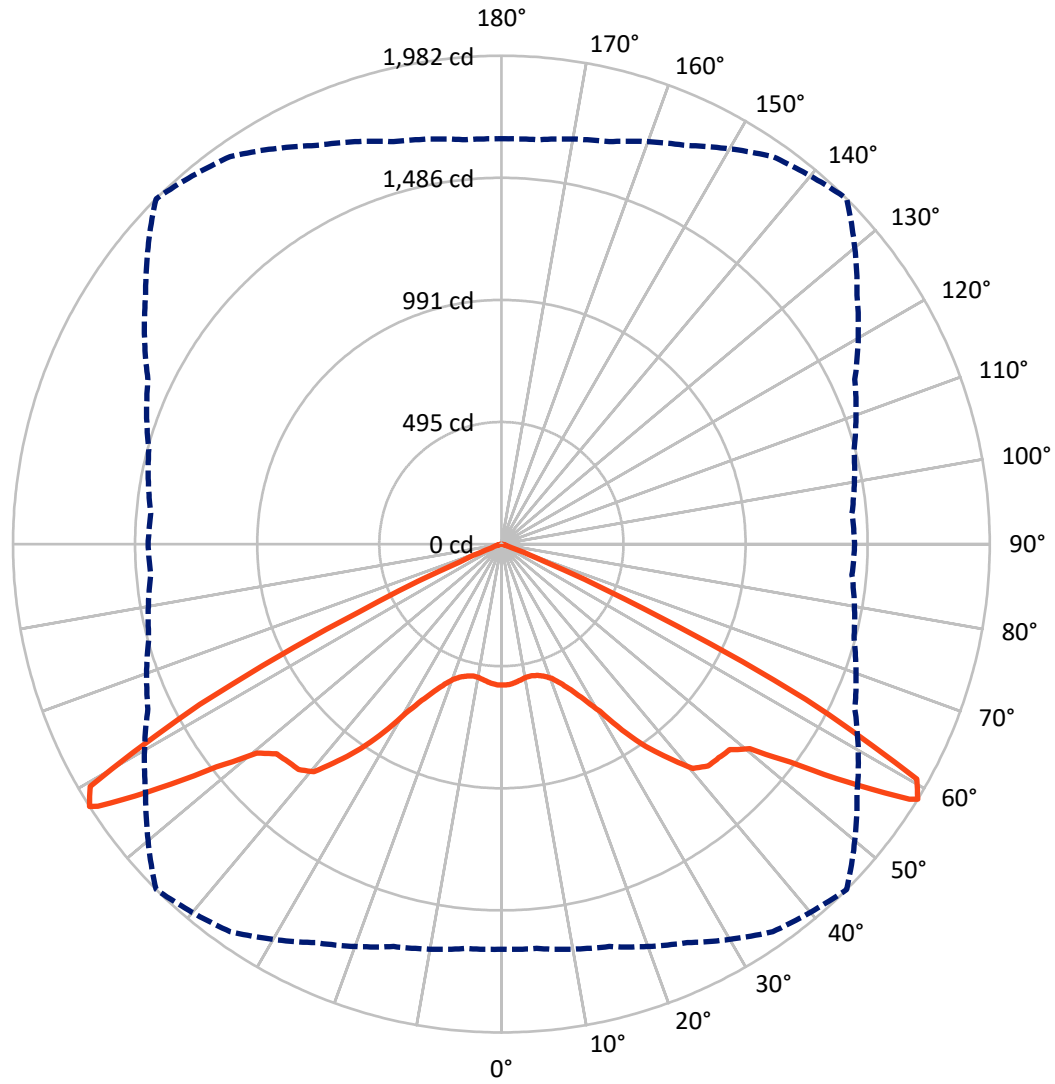
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5.7 fc  
 Type V - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral    - - - Horizontal Cone Through 58-Deg Vertical

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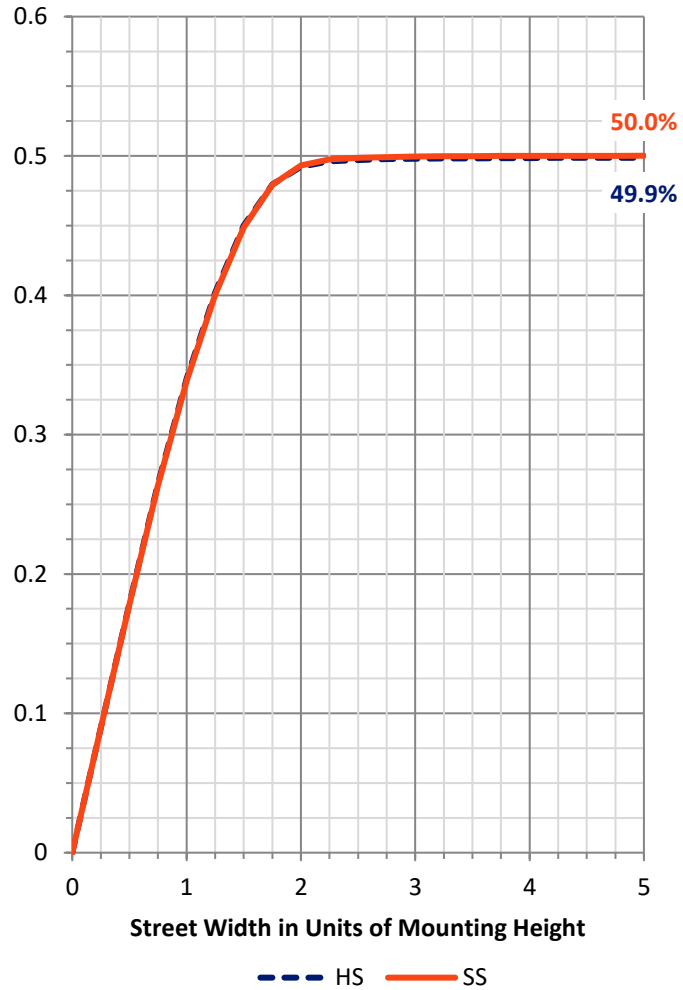
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2016.0	0.0	2016.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	2016.0	0.0	2016.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	4032.0	0.0	4032.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	53.4	1.3
10°-20°	157.9	3.9
20°-30°	298.5	7.4
30°-40°	588.8	14.6
40°-50°	931.8	23.1
50°-60°	1369.7	34.0
60°-70°	611.4	15.2
70°-80°	20.5	0.5
80°-90°	0.2	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°	4032.0	100.0
0°-180°	4032.0	100.0

**Coefficient of Utilization**



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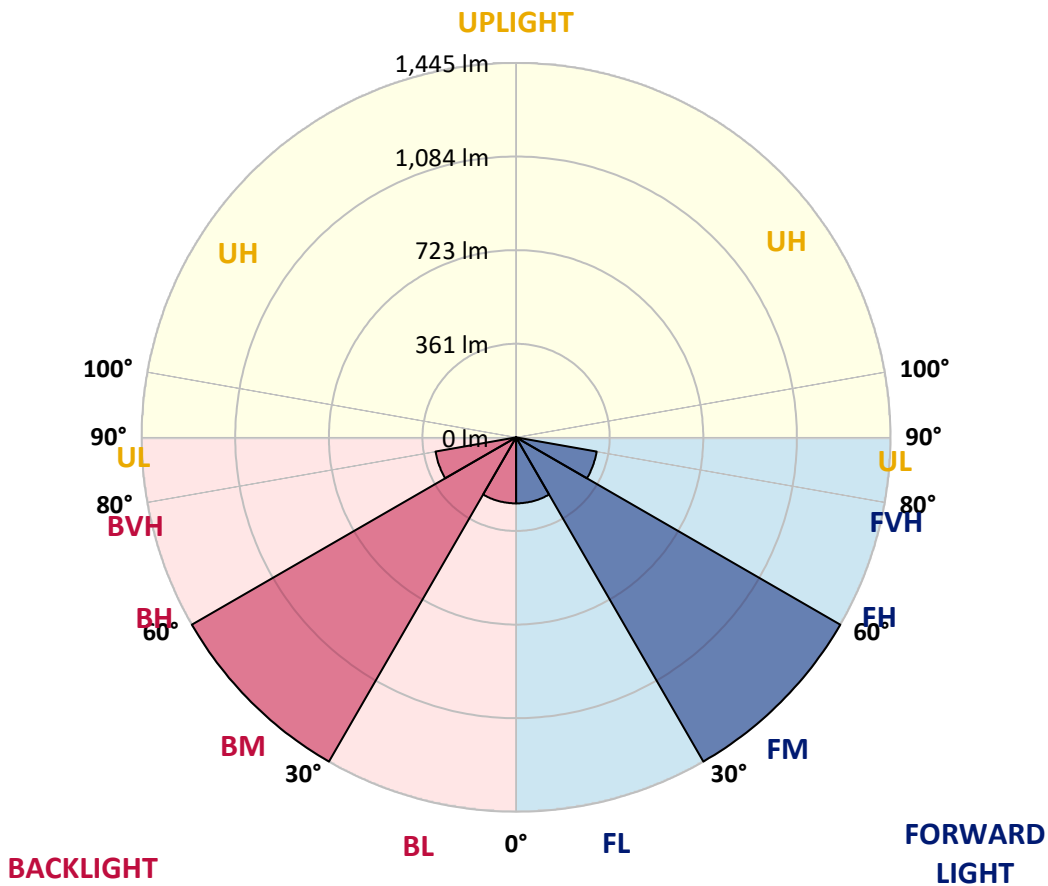
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	254.9	6.3			
FM (30°-60°)	1445.1	35.8			
FH (60°-80°)	315.9	7.8			G0/660
FVH (80°-90°)	0.1	0.0			G0/10
BL (0°-30°)	254.9	6.3	B1/500		
BM (30°-60°)	1445.1	35.8	B2/2500		
BH (60°-80°)	315.9	7.8	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°	571.8	571.8	571.8	571.8	571.8	571.8	571.8	571.8	571.8	571.8	571.8
2.5°	566.3	567.4	568.5	569.0	569.6	571.2	571.8	570.1	570.1	566.8	570.7
5°	563.6	564.7	565.7	565.2	565.2	565.2	564.7	562.5	561.9	558.6	562.5
7.5°	558.6	559.7	559.7	558.1	557.0	557.0	556.4	553.7	553.1	549.8	553.7
10°	554.8	555.3	554.8	551.5	549.3	549.3	548.7	547.6	548.2	546.0	549.3
12.5°	557.0	557.5	555.3	550.9	548.2	547.6	546.0	544.3	546.0	545.4	548.7
15°	564.1	564.7	560.8	555.3	553.1	553.1	548.7	544.3	546.5	547.1	550.9
17.5°	572.9	572.9	567.9	563.0	563.6	563.6	556.4	548.7	549.3	551.5	555.3
20°	583.3	583.3	578.4	577.3	581.1	581.7	572.9	560.8	558.1	559.7	564.1
22.5°	602.0	602.0	598.2	600.9	609.7	612.4	599.3	582.2	575.6	576.7	581.1
25°	631.1	631.1	630.0	636.6	649.2	655.3	637.7	615.2	604.2	602.6	607.5
27.5°	680.0	680.5	678.9	688.8	704.7	711.9	687.7	658.0	644.8	642.1	647.0
30°	743.2	743.2	743.7	757.4	778.3	787.7	755.8	721.2	705.8	697.0	703.6
32.5°	813.5	814.6	820.1	843.1	879.9	899.2	852.5	804.1	779.4	770.1	777.2
35°	929.4	918.9	912.3	929.4	982.6	1007.9	948.0	891.5	872.8	871.7	889.8
37.5°	1044.2	1038.1	1024.4	1042.0	1089.8	1101.3	1035.4	988.1	975.0	982.1	1000.2
40°	1135.3	1124.4	1106.2	1122.7	1185.3	1196.9	1115.6	1068.9	1063.9	1079.9	1104.6
42.5°	1207.3	1191.9	1167.8	1171.6	1222.1	1230.4	1158.4	1123.3	1126.6	1146.3	1174.3
45°	1239.7	1227.6	1206.2	1204.6	1236.4	1237.0	1180.4	1162.3	1171.0	1186.4	1208.4
47.5°	1253.4	1247.9	1235.9	1233.1	1251.2	1246.8	1211.7	1204.0	1212.2	1216.6	1229.3
50°	1287.5	1287.5	1289.1	1291.3	1310.0	1305.6	1280.9	1272.1	1261.7	1246.3	1250.1
52.5°	1383.1	1386.9	1402.8	1420.4	1454.5	1468.8	1428.7	1377.6	1327.6	1294.1	1294.1
55°	1555.5	1559.4	1578.1	1607.7	1670.3	1704.4	1611.0	1498.4	1429.8	1384.2	1390.2
57.5°	1650.6	1655.0	1693.4	1773.6	1895.0	1952.7	1752.2	1585.2	1489.1	1436.9	1441.3
58°	1644.5	1647.3	1690.7	1784.6	1919.7	1981.8	1762.1	1582.5	1481.4	1428.1	1433.6
60°	1461.1	1457.2	1526.4	1660.4	1851.0	1936.7	1663.7	1444.6	1327.0	1272.7	1275.4
62.5°	955.2	957.4	1017.3	1157.3	1305.6	1386.4	1162.3	999.1	904.6	871.7	863.5
65°	398.8	391.6	428.4	506.4	595.4	640.5	550.4	465.8	407.6	385.6	391.6
67.5°	102.7	100.0	102.2	128.0	156.5	185.1	155.4	118.6	103.3	104.4	104.4
70°	58.2	54.9	44.5	41.2	40.1	40.1	40.1	40.1	46.1	54.4	56.0
72.5°	43.9	41.2	32.4	28.0	24.7	23.1	24.2	28.0	33.5	40.6	41.7
75°	22.0	22.0	19.8	18.7	16.5	15.4	15.9	17.6	20.3	23.1	22.5
77.5°	4.4	4.9	5.5	6.6	5.5	5.5	5.5	6.6	6.6	7.1	6.6
80°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
82.5°	0.0	0.5	0.5	0.0	0.0	0.0	0.0	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	0.0	0.5	0.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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)