

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: P634389

Luminaire Tested: GWS-SA3B-760-U-5WQ-W-GRSBK

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P634389  
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-760-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) 5700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5522.5 lumens  
Efficiency: N/A  
Efficacy: 80.9 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

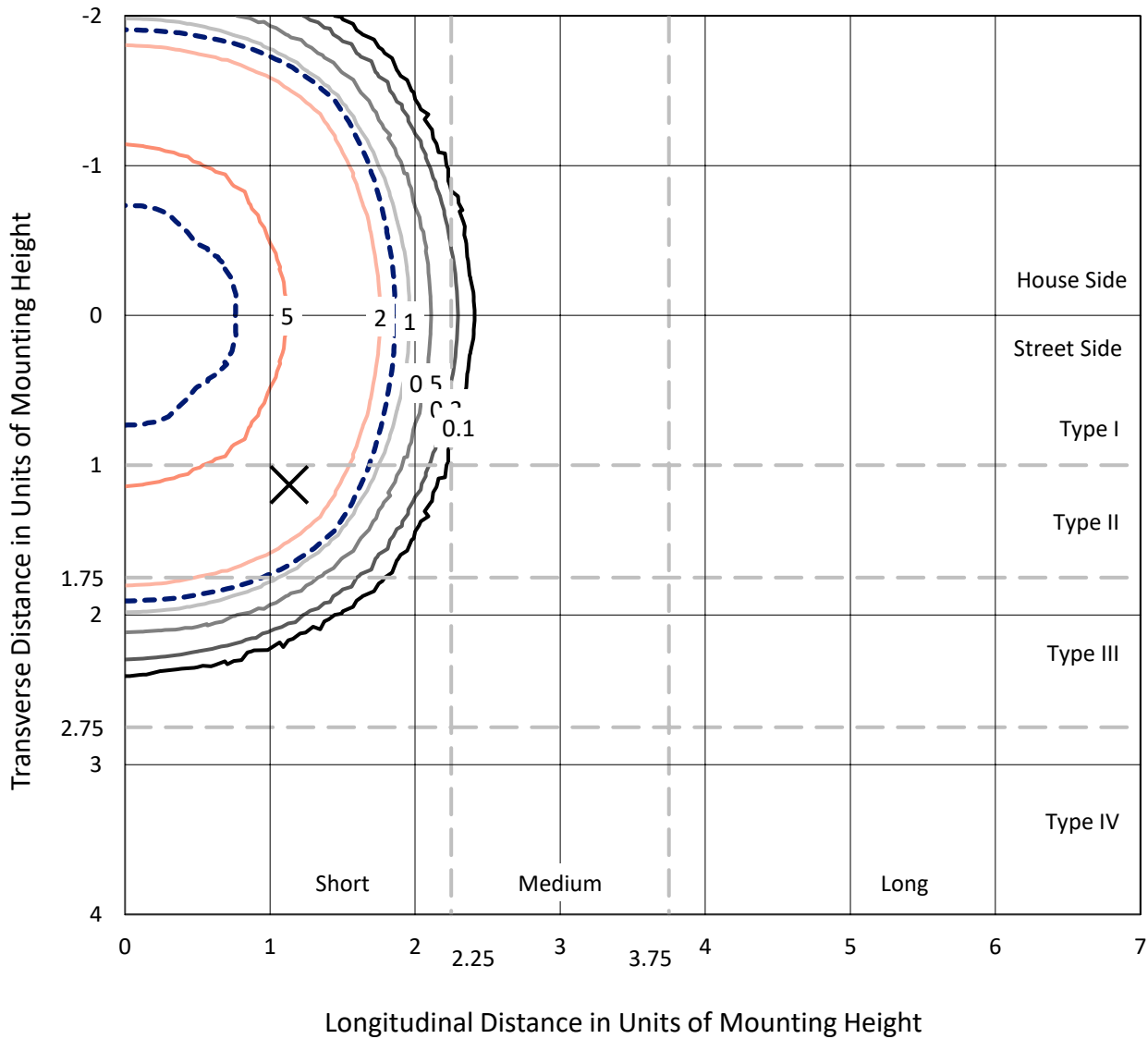


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### Iso-Footcandle Lines of Horizontal Illumination

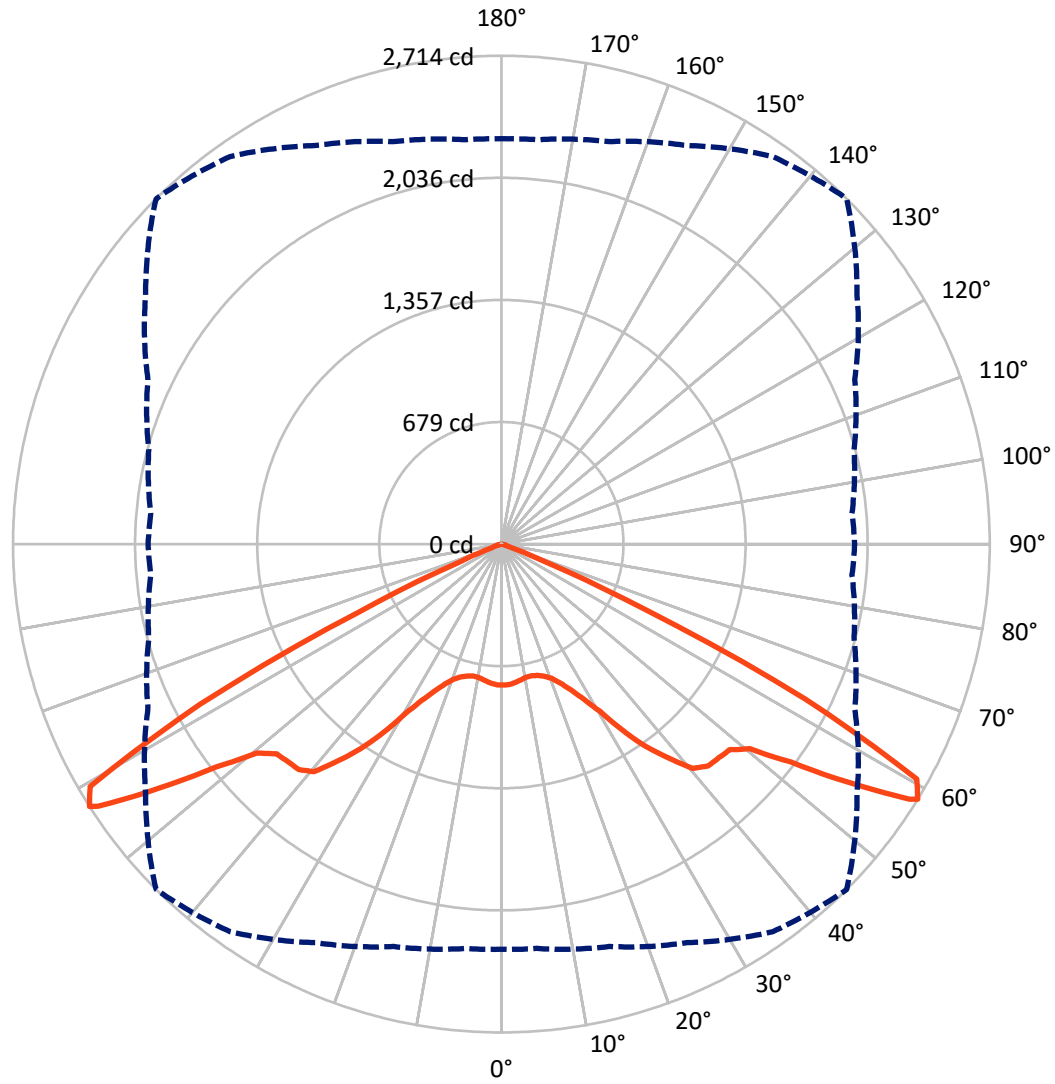
✕ Max cd  
 - - - 1/2 Max cd



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

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2761.3	0.0	2761.3
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	2761.3	0.0	2761.3
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	5522.5	0.0	5522.5
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	73.1	1.3
10°-20°	216.2	3.9
20°-30°	408.9	7.4
30°-40°	806.5	14.6
40°-50°	1276.2	23.1
50°-60°	1876.0	34.0
60°-70°	837.4	15.2
70°-80°	28.1	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°	5522.5	100.0
0°-180°	5522.5	100.0

**Coefficient of Utilization**



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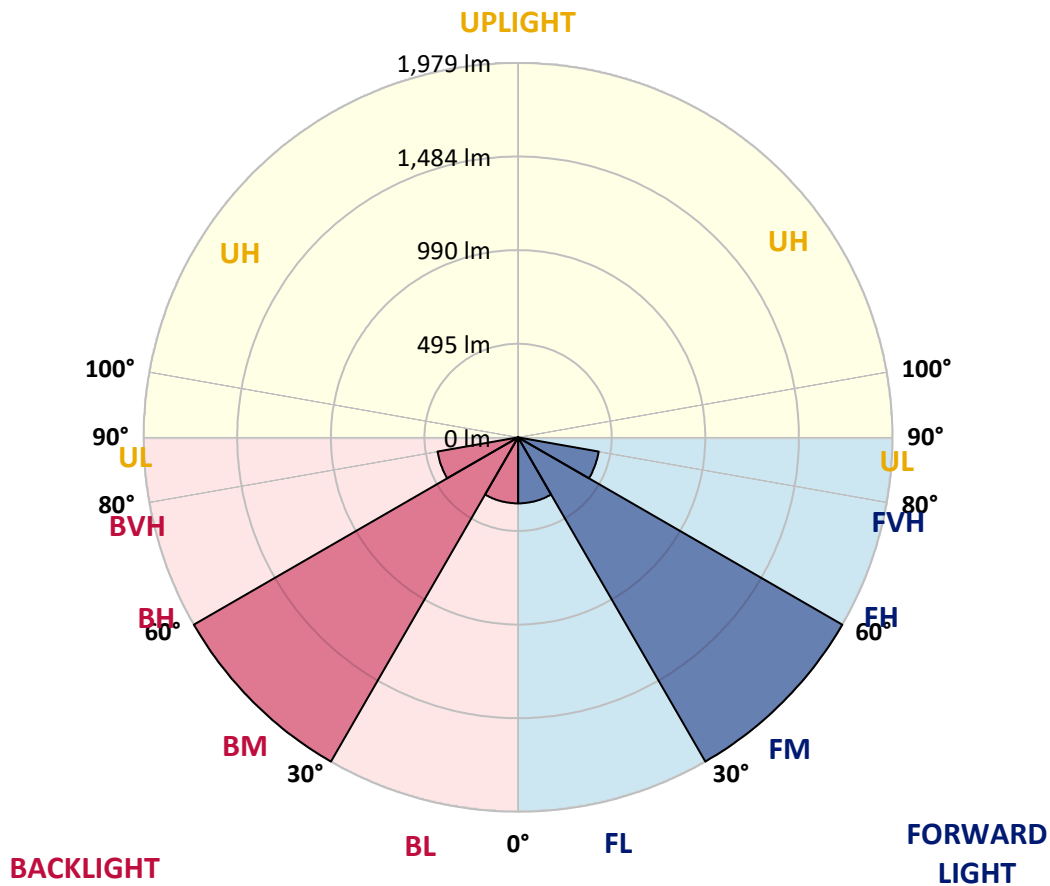
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	349.1	6.3			
FM (30°-60°)	1979.3	35.8			
FH (60°-80°)	432.7	7.8			G0/660
FVH (80°-90°)	0.1	0.0			G0/10
BL (0°-30°)	349.1	6.3	B1/500		
BM (30°-60°)	1979.3	35.8	B2/2500		
BH (60°-80°)	432.7	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°	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2
2.5°	775.6	777.1	778.7	779.4	780.2	782.4	783.2	780.9	780.9	776.4	781.7
5°	771.9	773.4	774.9	774.1	774.1	774.1	773.4	770.4	769.6	765.1	770.4
7.5°	765.1	766.6	766.6	764.4	762.9	762.9	762.1	758.3	757.6	753.1	758.3
10°	759.8	760.6	759.8	755.3	752.3	752.3	751.6	750.1	750.8	747.8	752.3
12.5°	762.9	763.6	760.6	754.6	750.8	750.1	747.8	745.5	747.8	747.1	751.6
15°	772.6	773.4	768.1	760.6	757.6	757.6	751.6	745.5	748.6	749.3	754.6
17.5°	784.7	784.7	777.9	771.1	771.9	771.9	762.1	751.6	752.3	755.3	760.6
20°	799.0	799.0	792.2	790.7	796.0	796.7	784.7	768.1	764.4	766.6	772.6
22.5°	824.5	824.5	819.3	823.0	835.1	838.8	820.8	797.5	788.4	789.9	796.0
25°	864.4	864.4	862.9	871.9	889.2	897.5	873.4	842.6	827.6	825.3	832.1
27.5°	931.4	932.1	929.9	943.4	965.2	975.0	941.9	901.3	883.2	879.5	886.2
30°	1017.9	1017.9	1018.6	1037.4	1066.0	1078.8	1035.2	987.8	966.7	954.7	963.7
32.5°	1114.2	1115.7	1123.2	1154.8	1205.2	1231.5	1167.6	1101.4	1067.5	1054.8	1064.5
35°	1272.9	1258.6	1249.6	1272.9	1345.9	1380.5	1298.5	1221.0	1195.4	1193.9	1218.8
37.5°	1430.2	1421.9	1403.1	1427.1	1492.6	1508.4	1418.1	1353.4	1335.4	1345.1	1370.0
40°	1555.0	1540.0	1515.2	1537.7	1623.5	1639.3	1528.0	1464.0	1457.2	1479.1	1512.9
42.5°	1653.6	1632.5	1599.4	1604.7	1673.9	1685.2	1586.6	1538.5	1543.0	1570.1	1608.5
45°	1698.0	1681.4	1652.1	1649.8	1693.5	1694.2	1616.7	1591.9	1603.9	1625.0	1655.1
47.5°	1716.8	1709.3	1692.7	1689.0	1713.8	1707.8	1659.6	1649.1	1660.4	1666.4	1683.7
50°	1763.4	1763.4	1765.7	1768.7	1794.3	1788.3	1754.4	1742.4	1728.1	1707.0	1712.3
52.5°	1894.3	1899.6	1921.4	1945.5	1992.1	2011.7	1956.8	1886.8	1818.4	1772.5	1772.5
55°	2130.6	2135.8	2161.4	2202.0	2287.8	2334.4	2206.6	2052.3	1958.3	1895.8	1904.1
57.5°	2260.7	2266.7	2319.4	2429.2	2595.5	2674.5	2399.9	2171.2	2039.5	1968.1	1974.1
58°	2252.4	2256.2	2315.6	2444.3	2629.4	2714.4	2413.4	2167.4	2029.0	1956.0	1963.6
60°	2001.2	1995.9	2090.7	2274.3	2535.3	2652.7	2278.8	1978.6	1817.6	1743.1	1746.9
62.5°	1308.3	1311.3	1393.3	1585.1	1788.3	1898.9	1591.9	1368.5	1239.1	1193.9	1182.6
65°	546.2	536.4	586.8	693.6	815.5	877.2	753.8	638.0	558.2	528.1	536.4
67.5°	140.7	136.9	139.9	175.3	214.4	253.5	212.9	162.5	141.4	142.9	142.9
70°	79.7	75.2	60.9	56.4	54.9	54.9	54.9	54.9	63.2	74.5	76.7
72.5°	60.2	56.4	44.4	38.4	33.9	31.6	33.1	38.4	45.9	55.7	57.2
75°	30.1	30.1	27.1	25.6	22.6	21.1	21.8	24.1	27.8	31.6	30.8
77.5°	6.0	6.8	7.5	9.0	7.5	7.5	7.5	9.0	9.0	9.8	9.0
80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
82.5°	0.0	0.8	0.8	0.0	0.0	0.0	0.0	0.8	0.8	0.8	0.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8
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)