

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: P634883

Luminaire Tested: GWS-SA3C-760-U-5NQ-W

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P634883  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-7)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 1/10/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: McGRAW-EDISON  
Catalog Number: GWS-SA3C-760-U-5NQ-W  
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V NARROW OPTICS  
Light Source: (48) 5700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

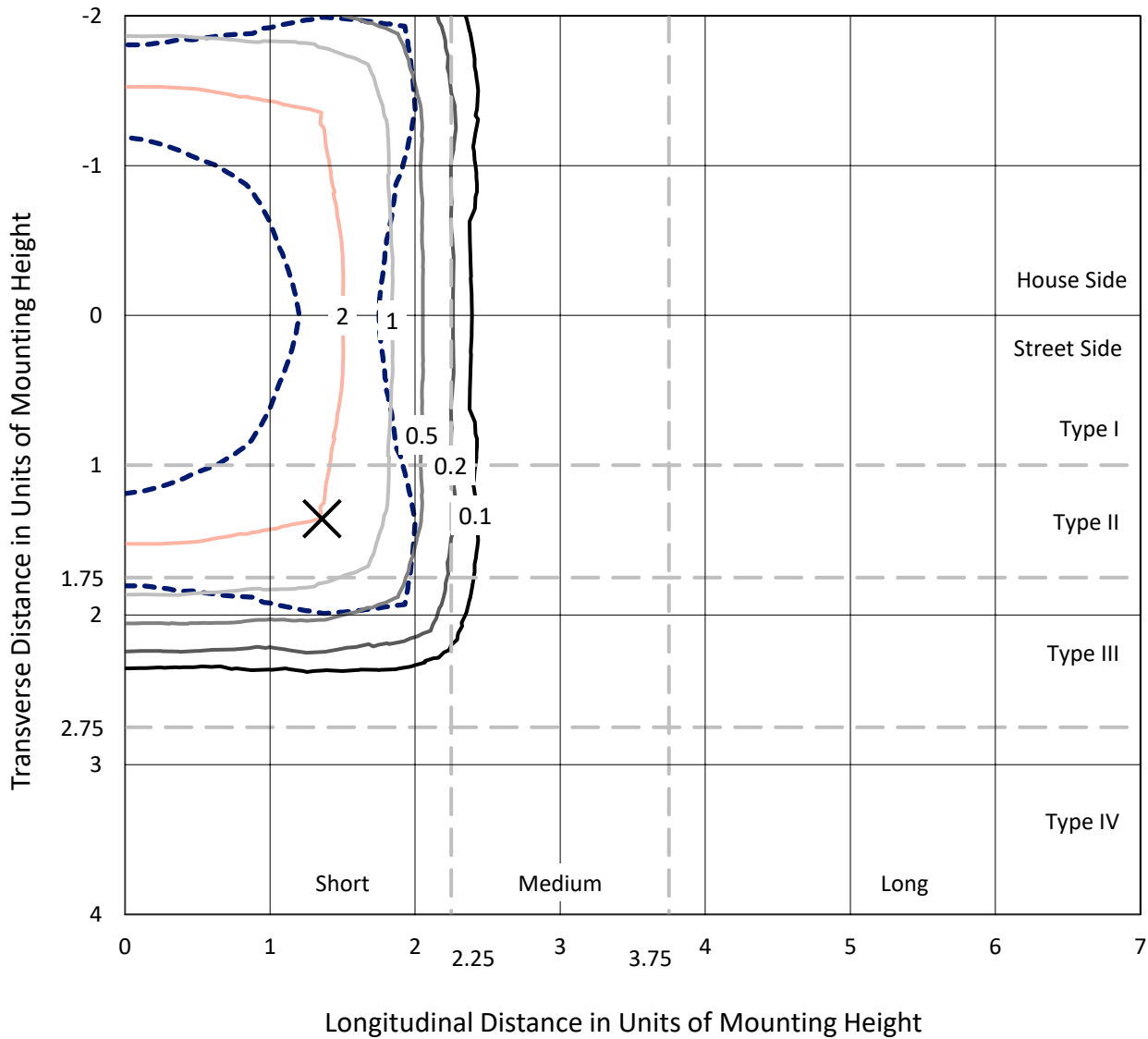
Lumens per Lamp: N/A  
Luminaire Lumens: 14709.7 lumens  
Efficiency: N/A  
Efficacy: 158.2 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B3 - U0 - G2  
  
Input Watts (W): 93  
Input Voltage (V): 120  
Input Current (Ain): NR  
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



REPORT NUMBER: P634883  
 CATALOG NUMBER: GWS-SA3C-760-U-5NQ-W

### Iso-Footcandle Lines of Horizontal Illumination

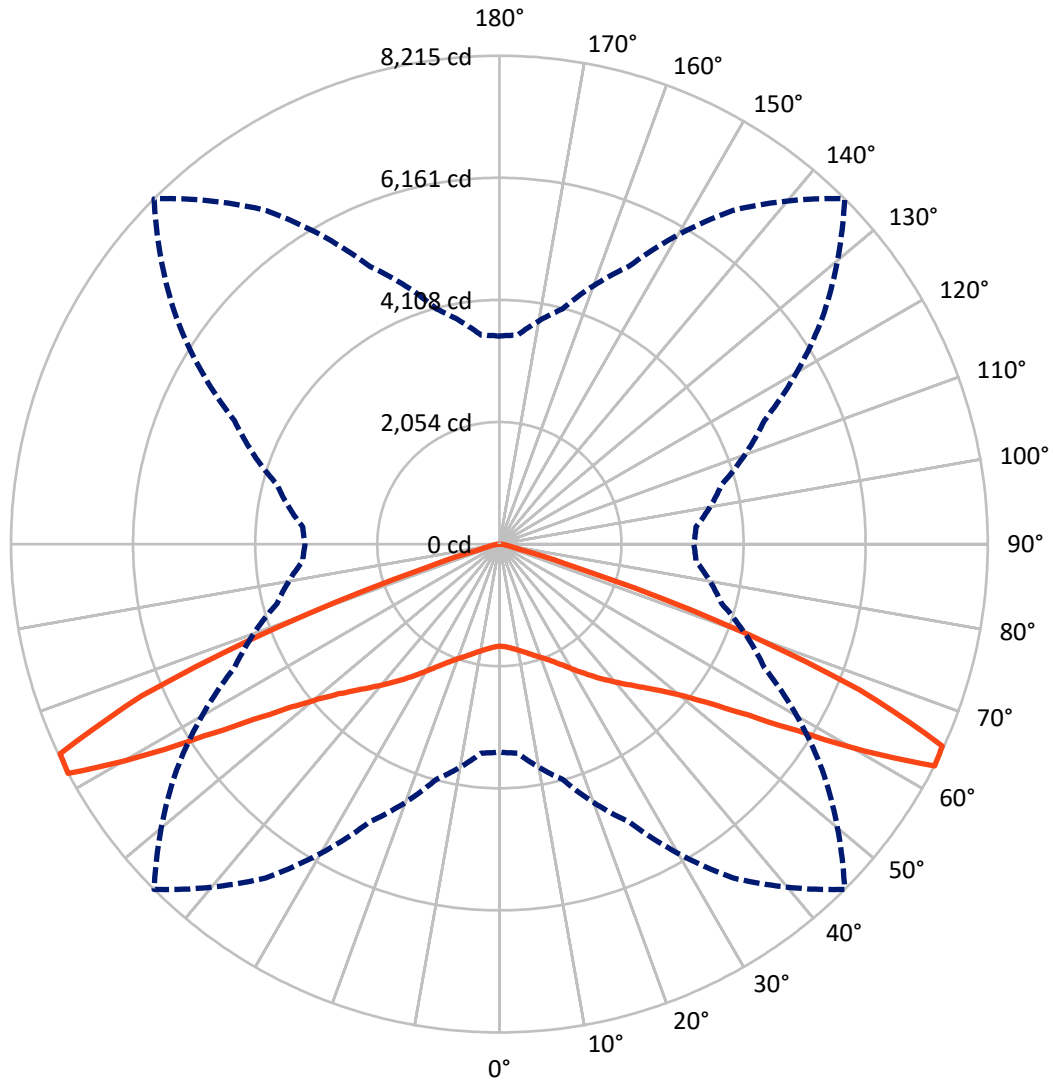
✕ Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4.3 fc  
 Type V - Short - N/A

REPORT NUMBER: P634883  
CATALOG NUMBER: GWS-SA3C-760-U-5NQ-W

### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral    - - - Horizontal Cone Through 62.5-Deg Vertical

REPORT NUMBER: P634883

CATALOG NUMBER: GWS-SA3C-760-U-5NQ-W

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	7354.8	0.0	7354.8
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	7354.8	0.0	7354.8
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	14709.7	0.0	14709.7
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	168.4	1.1
10°-20°	543.0	3.7
20°-30°	1027.2	7.0
30°-40°	1729.0	11.8
40°-50°	2762.4	18.8
50°-60°	4452.8	30.3
60°-70°	3633.0	24.7
70°-80°	352.8	2.4
80°-90°	41.1	0.3
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°	14709.7	100.0
0°-180°	14709.7	100.0

**Coefficient of Utilization**



REPORT NUMBER: P634883

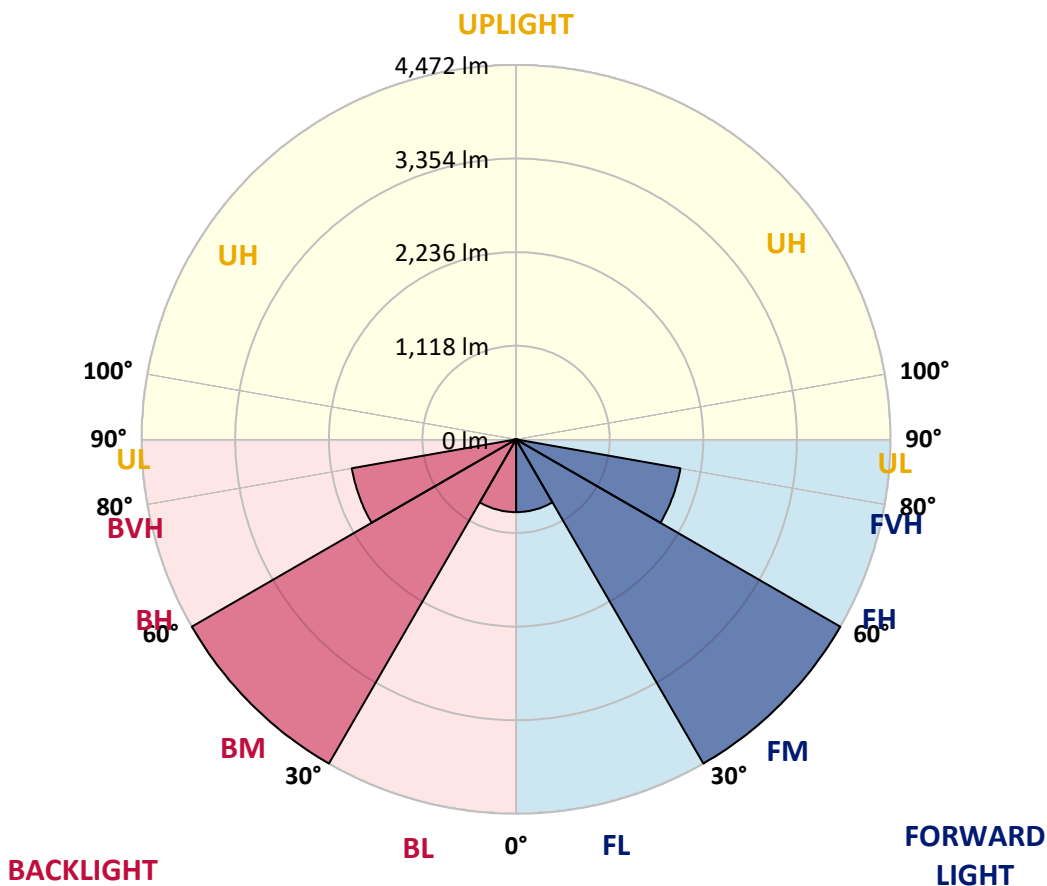
CATALOG NUMBER: GWS-SA3C-760-U-5NQ-W

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	869.3	5.9			
FM (30°-60°)	4472.1	30.4			
FH (60°-80°)	1992.9	13.5			G2/5000
FVH (80°-90°)	20.5	0.1			G1/100
BL (0°-30°)	869.3	5.9	B2/1000		
BM (30°-60°)	4472.1	30.4	B3/5000		
BH (60°-80°)	1992.9	13.5	B3/2500		G2/5000
BVH (80°-90°)	20.5	0.1			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G2**

Type V Short





REPORT NUMBER: P634883  
 CATALOG NUMBER: GWS-SA3C-760-U-5NQ-W

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1716.1	1716.1	1716.1	1716.1	1716.1	1716.1	1716.1	1716.1	1716.1	1716.1	1716.1
2.5°	1714.1	1714.1	1718.1	1721.1	1719.1	1727.2	1726.2	1724.2	1723.1	1720.1	1729.2
5°	1737.3	1737.3	1740.3	1743.3	1738.3	1748.4	1744.3	1742.3	1741.3	1737.3	1745.3
7.5°	1763.5	1766.5	1767.5	1772.6	1769.6	1780.7	1777.6	1773.6	1771.6	1766.5	1773.6
10°	1792.8	1794.8	1795.8	1804.9	1805.9	1819.0	1816.0	1810.9	1806.9	1801.8	1811.9
12.5°	1832.1	1833.1	1836.1	1847.2	1850.3	1860.4	1859.3	1852.3	1847.2	1840.2	1851.3
15°	1882.5	1883.6	1888.6	1899.7	1904.7	1916.8	1912.8	1901.7	1894.7	1886.6	1895.7
17.5°	1935.0	1939.0	1944.1	1955.2	1962.2	1976.4	1971.3	1959.2	1953.2	1945.1	1951.2
20°	2002.6	2003.6	2006.6	2018.7	2023.8	2039.9	2040.9	2028.8	2025.8	2017.7	2026.8
22.5°	2077.3	2078.3	2081.3	2094.4	2103.5	2113.6	2119.6	2112.6	2107.5	2097.4	2108.5
25°	2160.0	2170.1	2173.1	2189.2	2199.3	2205.4	2212.4	2209.4	2202.4	2190.3	2195.3
27.5°	2276.0	2278.0	2283.1	2301.2	2307.3	2313.3	2320.4	2321.4	2311.3	2297.2	2304.3
30°	2408.2	2407.2	2418.3	2432.4	2437.4	2442.5	2452.6	2458.6	2445.5	2430.4	2437.4
32.5°	2543.4	2555.5	2569.6	2582.7	2579.7	2581.7	2597.8	2608.9	2590.8	2563.5	2569.6
35°	2695.7	2703.8	2721.9	2741.1	2737.1	2734.0	2744.1	2755.2	2730.0	2694.7	2703.8
37.5°	2852.1	2864.2	2891.4	2914.6	2908.6	2894.4	2905.5	2917.6	2893.4	2853.1	2849.0
40°	3026.6	3045.8	3085.1	3104.3	3088.1	3060.9	3080.1	3109.3	3085.1	3038.7	3027.6
42.5°	3231.4	3254.6	3294.0	3323.2	3287.9	3243.5	3275.8	3318.2	3312.1	3250.6	3231.4
45°	3484.6	3499.8	3548.2	3562.3	3509.9	3448.3	3506.8	3571.4	3556.3	3489.7	3464.5
47.5°	3760.1	3783.3	3825.6	3851.9	3767.1	3690.4	3772.2	3858.9	3842.8	3780.2	3751.0
50°	4111.1	4141.4	4196.9	4219.1	4102.1	4014.3	4119.2	4229.2	4197.9	4114.2	4075.8
52.5°	4493.5	4517.7	4612.5	4656.9	4547.0	4452.1	4543.9	4651.9	4585.3	4474.3	4422.9
55°	4830.5	4854.7	4993.9	5141.2	5136.1	5070.6	5117.0	5119.0	4938.4	4754.8	4700.3
57.5°	4903.1	4927.3	5192.6	5578.0	5850.4	5926.1	5789.9	5503.4	5048.4	4726.5	4665.0
60°	4515.7	4542.9	4964.6	5668.8	6564.7	7070.1	6442.6	5495.3	4708.4	4272.6	4214.0
62.5°	3498.8	3528.0	4095.0	5152.3	6853.2	8215.2	6632.3	4917.2	3873.0	3321.2	3269.7
65°	1670.7	1670.7	2391.0	3695.5	6278.2	8188.0	6083.5	3638.0	2331.5	1790.7	1746.4
67.5°	413.6	415.7	615.4	1438.6	4270.5	6534.4	4340.2	1746.4	821.2	581.1	566.0
70°	258.3	257.3	285.5	389.4	1494.1	3965.9	1774.6	526.6	333.9	294.6	292.6
72.5°	200.8	200.8	214.9	249.2	391.4	1350.9	517.5	292.6	242.1	217.9	217.9
75°	158.4	158.4	168.5	186.6	231.0	348.1	275.4	216.9	187.6	171.5	169.5
77.5°	118.0	120.1	128.1	140.2	157.4	195.7	174.5	163.4	146.3	134.2	130.1
80°	76.7	79.7	89.8	96.9	102.9	129.1	114.0	119.0	111.0	96.9	94.8
82.5°	41.4	42.4	54.5	56.5	58.5	70.6	72.6	75.7	78.7	61.5	57.5
85°	15.1	15.1	18.2	21.2	23.2	25.2	34.3	42.4	44.4	35.3	34.3
87.5°	3.0	3.0	3.0	2.0	2.0	2.0	6.1	11.1	18.2	14.1	14.1
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)