

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: P633393

Luminaire Tested: GWS-SA2E-760-U-5MQ-W-GRSBK

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P633393  
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-SA2E-760-U-5MQ-W-GRSBK  
Description: GALLEON WALL SLIM LUMINAIRE. (2) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V MEDIUM OPTICS W/ FACTORY INSTALLED GLARE SHIELD, BK  
Light Source: (32) 5700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

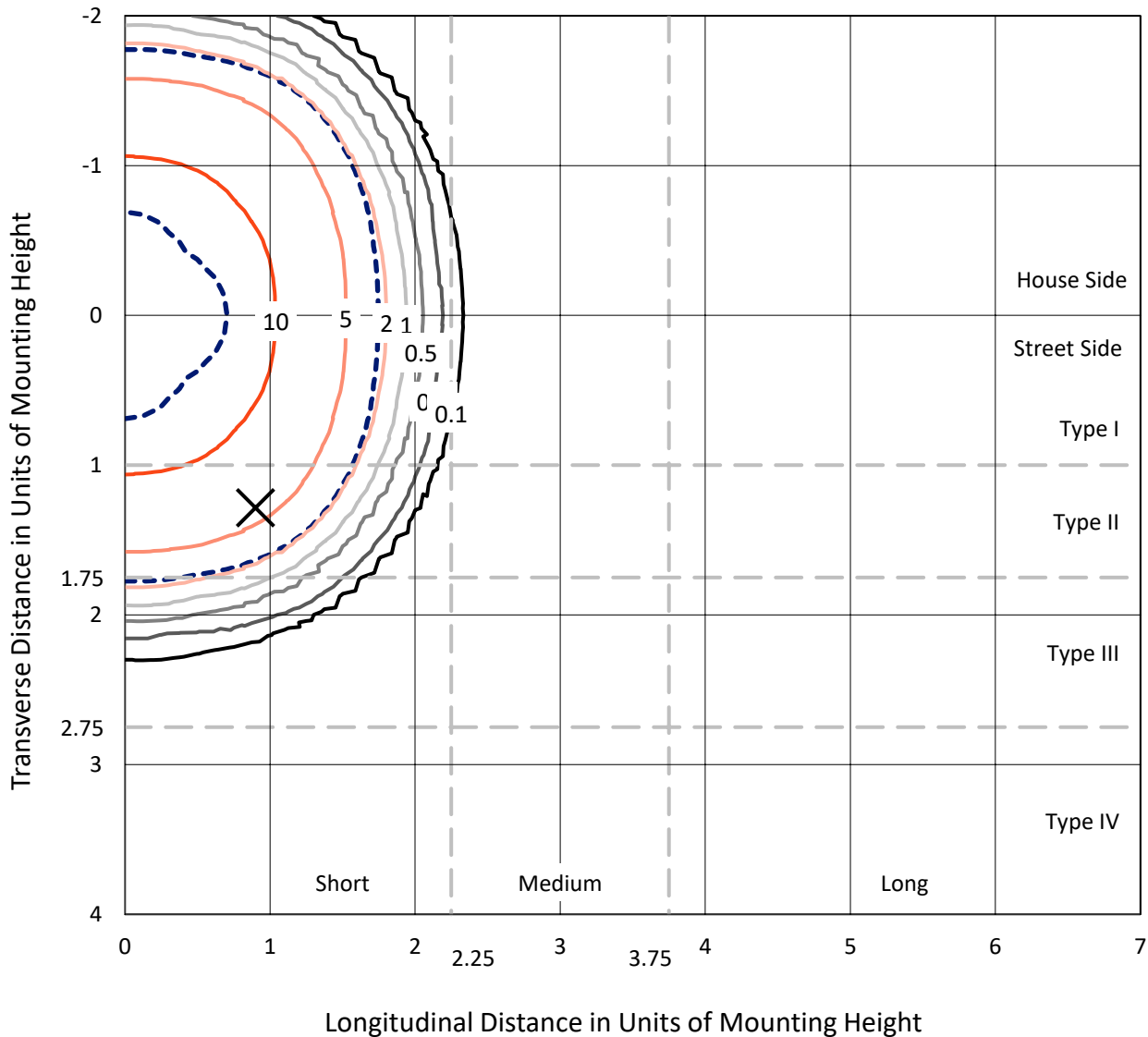
Lumens per Lamp: N/A  
Luminaire Lumens: 8994.3 lumens  
Efficiency: N/A  
Efficacy: 83.1 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B3 - U0 - G0  
  
Input Watts (W): 108.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
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: P633393  
 CATALOG NUMBER: GWS-SA2E-760-U-5MQ-W-GRSBK

### Iso-Footcandle Lines of Horizontal Illumination

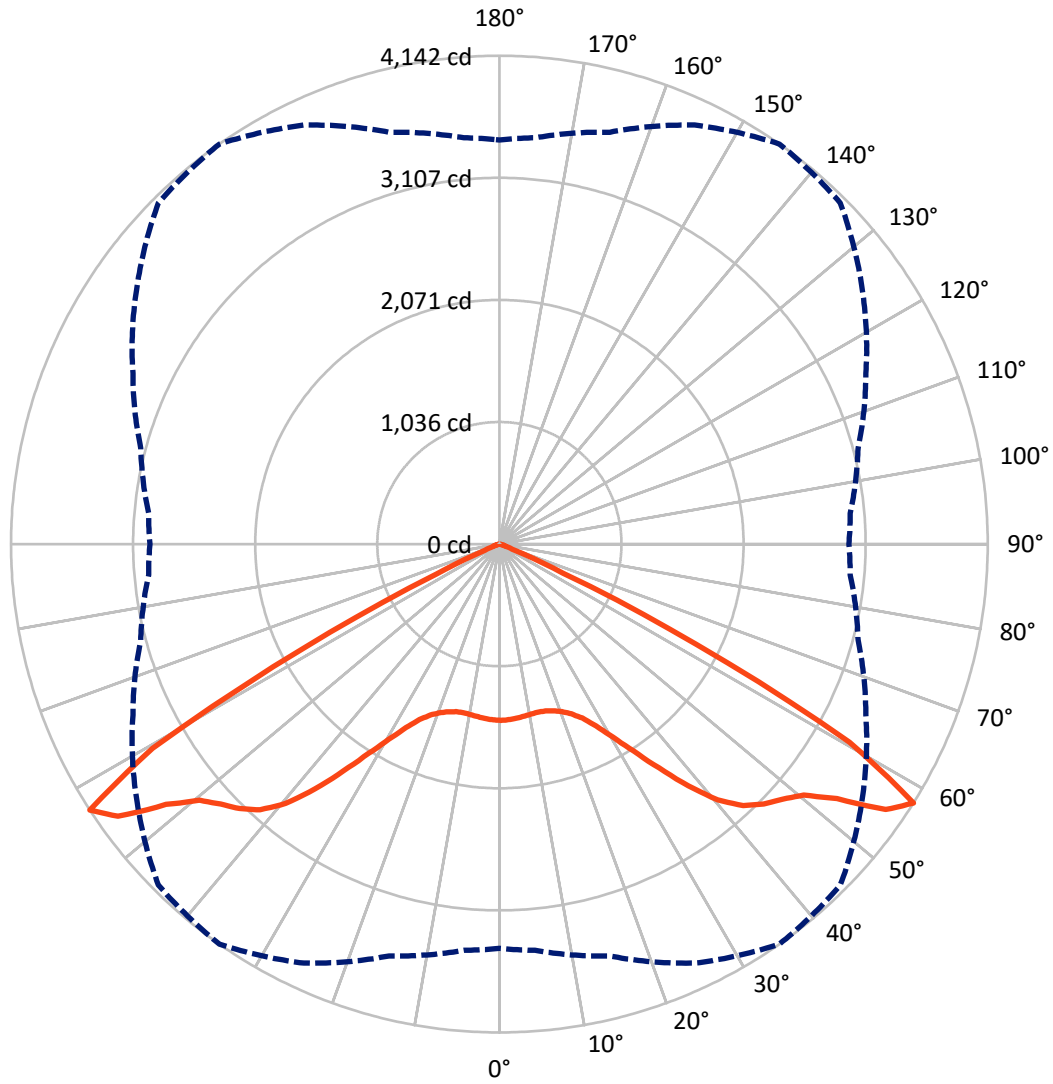
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 15 fc  
 Type V - Short - N/A

REPORT NUMBER: P633393  
CATALOG NUMBER: GWS-SA2E-760-U-5MQ-W-GRSBK

### Luminous Intensity Polar Plot



— Vertical Plane Through 35-Deg Lateral    - - - Horizontal Cone Through 57.5-Deg Vertical

REPORT NUMBER: P633393

CATALOG NUMBER: GWS-SA2E-760-U-5MQ-W-GRSBK

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4497.2	0.0	4497.2
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	4497.2	0.0	4497.2
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	8994.3	0.0	8994.3
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	140.9	1.6
10°-20°	414.4	4.6
20°-30°	749.1	8.3
30°-40°	1397.5	15.5
40°-50°	2344.4	26.1
50°-60°	3096.0	34.4
60°-70°	822.2	9.1
70°-80°	29.2	0.3
80°-90°	0.5	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°	8994.3	100.0
0°-180°	8994.3	100.0

**Coefficient of Utilization**



REPORT NUMBER: P633393

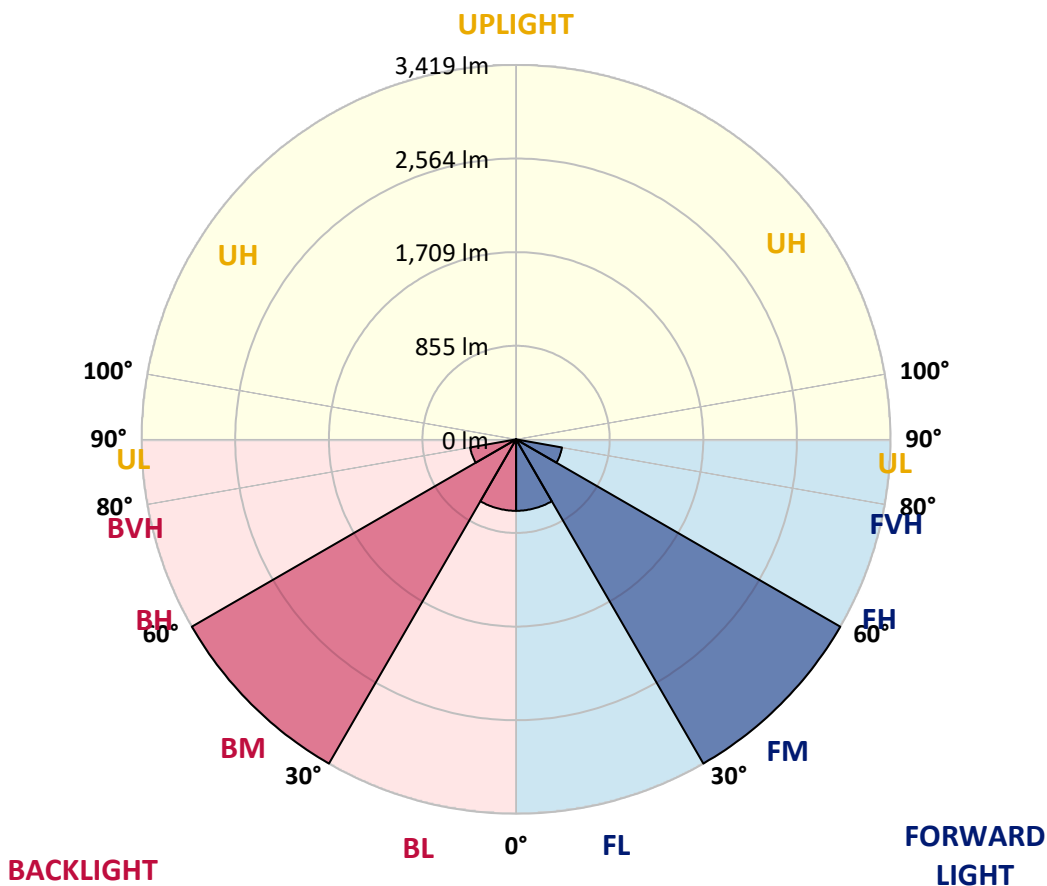
CATALOG NUMBER: GWS-SA2E-760-U-5MQ-W-GRSBK

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	652.2	7.3			
FM (30°-60°)	3419.0	38.0			
FH (60°-80°)	425.7	4.7			G0/660
FVH (80°-90°)	0.3	0.0			G0/10
BL (0°-30°)	652.2	7.3	B2/1000		
BM (30°-60°)	3419.0	38.0	B3/5000		
BH (60°-80°)	425.7	4.7	B1/500		G0/660
BVH (80°-90°)	0.3	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G0**

Type V Short





REPORT NUMBER: P633393

CATALOG NUMBER: GWS-SA2E-760-U-5MQ-W-GRSBK

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1495.4	1495.4	1495.4	1495.4	1495.4	1495.4	1495.4	1495.4	1495.4	1495.4	1495.4
2.5°	1484.8	1483.8	1488.0	1491.2	1491.2	1498.5	1496.4	1494.3	1492.2	1489.1	1496.4
5°	1482.7	1481.7	1484.8	1486.9	1484.8	1491.2	1486.9	1482.7	1480.6	1476.4	1484.8
7.5°	1473.2	1474.3	1476.4	1478.5	1475.3	1480.6	1475.3	1469.0	1463.7	1459.5	1466.9
10°	1458.4	1459.5	1461.6	1465.8	1466.9	1474.3	1466.9	1455.3	1447.9	1441.6	1448.9
12.5°	1451.1	1452.1	1455.3	1460.6	1461.6	1471.1	1461.6	1444.7	1434.2	1426.8	1434.2
15°	1453.2	1455.3	1459.5	1465.8	1467.9	1477.4	1464.8	1442.6	1427.8	1418.3	1424.7
17.5°	1460.6	1462.7	1469.0	1479.6	1486.9	1496.4	1480.6	1452.1	1432.1	1418.3	1424.7
20°	1470.1	1473.2	1483.8	1500.7	1516.5	1533.4	1513.3	1474.3	1447.9	1431.0	1436.3
22.5°	1496.4	1499.6	1514.4	1536.5	1562.9	1584.0	1559.8	1510.2	1474.3	1452.1	1457.4
25°	1550.3	1553.4	1572.4	1600.9	1634.7	1662.1	1631.5	1569.3	1522.8	1497.5	1499.6
27.5°	1634.7	1637.9	1660.0	1700.1	1745.5	1784.5	1740.2	1667.4	1614.6	1585.1	1585.1
30°	1741.3	1745.5	1775.0	1828.9	1899.6	1951.3	1891.1	1802.5	1734.9	1694.8	1695.9
32.5°	1878.5	1874.2	1916.5	1990.3	2090.6	2159.2	2070.5	1962.9	1879.5	1823.6	1828.9
35°	2054.7	2053.6	2101.1	2201.4	2332.2	2414.6	2309.0	2169.7	2069.5	2012.5	2013.5
37.5°	2281.6	2280.5	2335.4	2444.1	2601.4	2670.0	2551.8	2410.3	2302.7	2247.8	2254.2
40°	2547.5	2541.2	2589.7	2694.2	2851.5	2895.8	2767.0	2653.1	2549.6	2514.8	2531.7
42.5°	2800.8	2787.1	2815.6	2910.6	3031.9	3038.3	2941.2	2863.1	2792.4	2764.9	2775.5
45°	3004.5	2993.9	3020.3	3075.2	3144.8	3113.2	3066.7	3042.5	2985.5	2955.9	2965.4
47.5°	3156.5	3156.5	3188.1	3221.9	3232.4	3174.4	3181.8	3181.8	3124.8	3078.4	3066.7
50°	3287.3	3296.8	3344.3	3379.1	3344.3	3270.4	3312.6	3304.2	3188.1	3095.2	3071.0
52.5°	3496.3	3505.8	3578.6	3626.1	3587.0	3514.2	3519.5	3413.9	3243.0	3133.2	3095.2
55°	3717.9	3741.1	3846.6	3973.3	3974.3	3899.4	3760.1	3573.3	3365.4	3246.2	3207.1
57.5°	3427.7	3459.3	3616.6	3921.6	4142.1	4090.4	3758.0	3429.8	3149.1	2986.5	2964.4
60°	2358.6	2413.5	2570.8	2987.6	3412.9	3432.9	3040.4	2672.1	2350.2	2149.7	2153.9
62.5°	996.2	1052.2	1140.8	1483.8	1874.2	1898.5	1708.6	1444.7	1182.0	1037.4	1059.5
65°	234.3	250.1	276.5	410.5	595.2	622.6	574.1	447.5	330.3	279.7	284.9
67.5°	102.4	104.5	99.2	105.5	130.9	134.0	129.8	114.0	107.6	109.8	109.8
70°	71.8	72.8	68.6	65.4	62.3	58.0	60.2	66.5	71.8	76.0	74.9
72.5°	44.3	45.4	46.4	46.4	43.3	39.0	41.2	45.4	46.4	47.5	46.4
75°	22.2	23.2	25.3	26.4	25.3	24.3	24.3	25.3	25.3	24.3	24.3
77.5°	4.2	5.3	7.4	8.4	8.4	8.4	8.4	8.4	9.5	8.4	8.4
80°	1.1	1.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	2.1	2.1
82.5°	1.1	1.1	1.1	1.1	0.0	0.0	1.1	1.1	1.1	1.1	1.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.1
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)