

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: P630592

Luminaire Tested: GWS-SA1E-722-U-5NQ-W-GRSWH

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P630592
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-9)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA1E-722-U-5NQ-W-GRSWH
Description: GALLEON WALL SLIM LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V NARROW OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5060 lumens
Efficiency: N/A
Efficacy: 86.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G0

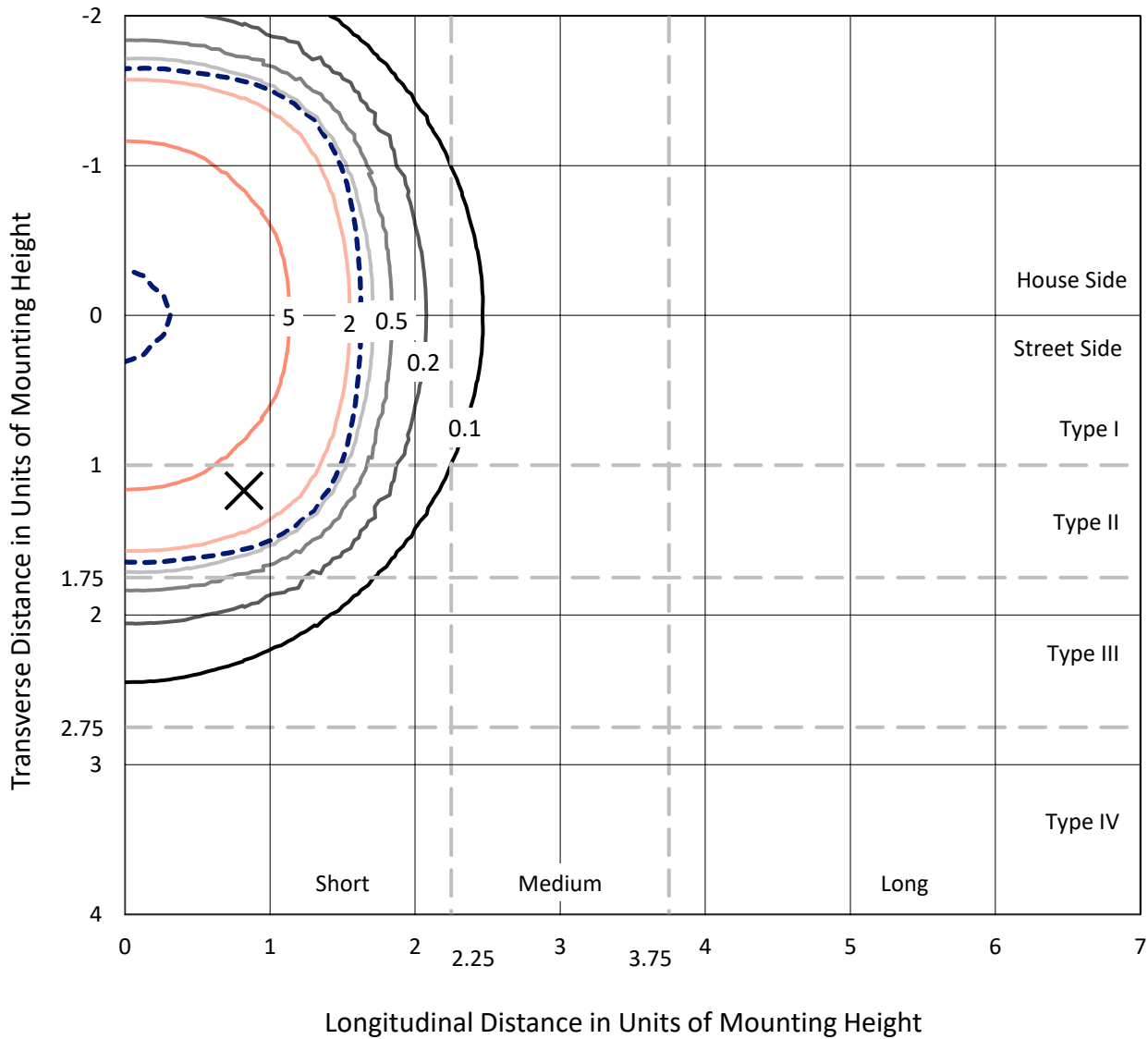
Input Watts (W): 58.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P630592
 CATALOG NUMBER: GWS-SA1E-722-U-5NQ-W-GRSWH

Iso-Footcandle Lines of Horizontal Illumination

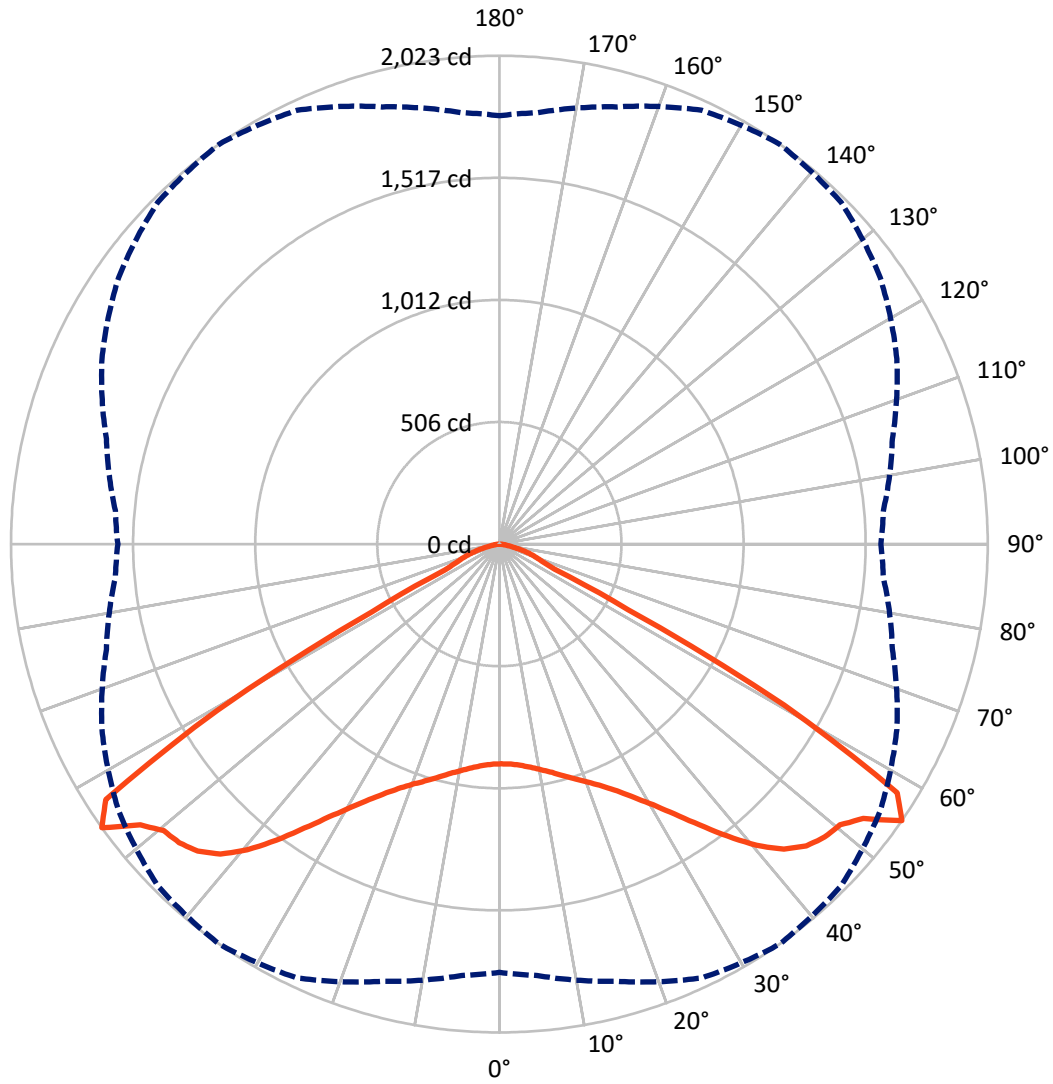
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 9.1 fc
 Type V - Short - N/A

REPORT NUMBER: P630592
CATALOG NUMBER: GWS-SA1E-722-U-5NQ-W-GRSWH

Luminous Intensity Polar Plot



— Vertical Plane Through 35-Deg Lateral - - - Horizontal Cone Through 55-Deg Vertical

REPORT NUMBER: P630592

CATALOG NUMBER: GWS-SA1E-722-U-5NQ-W-GRSWH

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2530.0	0.0	2530.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2530.0	0.0	2530.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	5060.0	0.0	5060.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.8	1.8
10°-20°	282.7	5.6
20°-30°	523.2	10.3
30°-40°	875.2	17.3
40°-50°	1333.7	26.4
50°-60°	1494.0	29.5
60°-70°	353.5	7.0
70°-80°	95.3	1.9
80°-90°	13.7	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°	5060.0	100.0
0°-180°	5060.0	100.0

Coefficient of Utilization



REPORT NUMBER: P630592

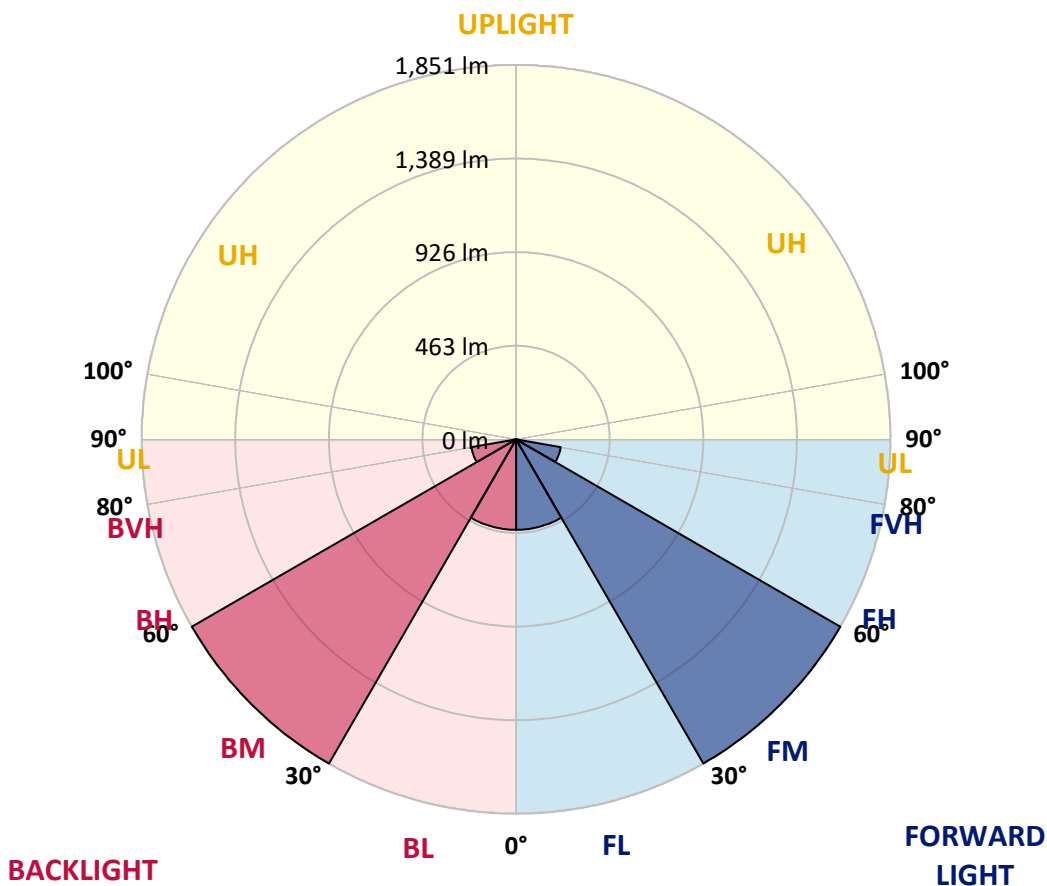
CATALOG NUMBER: GWS-SA1E-722-U-5NQ-W-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	447.3	8.8			
FM (30°-60°)	1851.4	36.6			
FH (60°-80°)	224.4	4.4			G0/660
FVH (80°-90°)	6.9	0.1			G0/10
BL (0°-30°)	447.3	8.8	B1/500		
BM (30°-60°)	1851.4	36.6	B2/2500		
BH (60°-80°)	224.4	4.4	B1/500		G0/660
BVH (80°-90°)	6.9	0.1			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





REPORT NUMBER: P630592

CATALOG NUMBER: GWS-SA1E-722-U-5NQ-W-GRSWH

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	910.3	910.3	910.3	910.3	910.3	910.3	910.3	910.3	910.3	910.3	910.3
2.5°	908.3	908.3	909.9	911.9	912.3	916.3	915.5	913.9	913.1	911.5	915.1
5°	918.3	918.7	919.9	921.1	920.3	923.5	922.3	920.3	919.1	917.1	920.7
7.5°	931.5	931.5	932.7	934.3	933.5	938.3	935.9	933.1	931.1	928.7	931.9
10°	943.5	944.3	945.5	948.7	950.3	955.5	953.9	949.9	946.7	943.9	947.5
12.5°	961.5	962.3	963.5	967.9	970.7	975.9	973.5	967.9	963.1	959.1	963.1
15°	984.7	983.9	987.1	992.7	996.3	1001.1	998.3	988.7	982.3	977.1	981.1
17.5°	1008.3	1007.9	1011.1	1018.3	1023.5	1029.9	1025.1	1013.9	1007.1	1000.7	1004.7
20°	1033.9	1035.1	1038.4	1045.2	1052.8	1061.2	1057.2	1045.2	1037.6	1030.3	1033.5
22.5°	1065.6	1066.0	1069.6	1078.4	1088.4	1096.4	1094.0	1079.2	1069.6	1062.0	1066.0
25°	1103.6	1103.2	1108.0	1118.4	1132.4	1140.4	1135.2	1118.8	1108.4	1099.6	1102.8
27.5°	1147.2	1146.8	1154.0	1167.6	1187.6	1198.8	1188.0	1167.6	1153.2	1140.8	1143.6
30°	1202.0	1200.8	1208.8	1227.2	1253.2	1272.0	1256.0	1227.6	1208.8	1195.6	1198.4
32.5°	1262.8	1264.4	1274.4	1299.2	1332.1	1356.5	1332.5	1300.8	1275.6	1256.4	1259.6
35°	1329.6	1329.6	1350.1	1380.9	1427.7	1460.1	1422.9	1377.3	1343.7	1317.2	1318.0
37.5°	1404.1	1404.9	1431.7	1474.1	1535.3	1573.3	1522.9	1466.5	1425.7	1397.3	1395.7
40°	1494.9	1497.3	1524.9	1572.1	1641.0	1675.8	1621.7	1566.5	1524.9	1491.3	1488.1
42.5°	1597.3	1598.1	1627.3	1669.8	1727.8	1748.6	1706.2	1661.0	1626.9	1596.5	1593.3
45°	1695.0	1693.0	1718.2	1749.8	1783.4	1785.4	1761.8	1743.4	1713.8	1687.8	1683.0
47.5°	1771.0	1769.4	1792.2	1809.4	1813.4	1793.8	1801.4	1804.2	1769.8	1734.6	1725.4
50°	1817.4	1820.6	1842.2	1851.8	1828.2	1796.2	1825.0	1817.8	1768.6	1722.6	1707.8
52.5°	1845.4	1850.2	1887.8	1912.2	1887.8	1857.4	1861.4	1819.0	1748.2	1687.4	1668.2
55°	1774.6	1793.8	1875.0	1983.1	2023.1	2001.9	1925.9	1816.6	1685.4	1596.9	1580.5
57.5°	1315.2	1345.7	1466.1	1700.2	1943.5	2020.7	1798.6	1522.9	1324.0	1210.4	1200.8
60°	671.4	705.4	801.9	1042.4	1355.3	1464.1	1252.8	975.1	775.1	683.0	672.6
62.5°	274.1	279.7	311.3	404.1	599.0	691.0	607.0	426.1	320.1	294.9	295.3
65°	215.7	216.9	215.3	220.9	250.9	278.5	257.3	226.1	220.5	223.3	221.3
67.5°	188.1	188.5	187.3	187.3	188.5	187.3	189.7	190.9	191.7	194.9	192.9
70°	157.3	157.7	157.7	158.5	158.1	156.1	159.7	161.3	161.7	163.7	162.5
72.5°	121.6	122.8	123.6	124.0	123.6	122.4	124.4	127.2	126.8	128.8	126.8
75°	82.4	84.0	84.8	86.4	86.0	86.0	88.4	89.6	88.4	90.0	88.4
77.5°	46.8	48.0	50.4	52.0	53.6	54.8	56.4	57.2	56.8	57.6	56.8
80°	27.2	27.6	29.6	30.4	32.4	34.4	36.0	36.8	37.2	37.6	37.2
82.5°	15.6	16.0	16.8	17.6	19.2	20.8	22.4	23.6	23.6	24.0	23.6
85°	7.6	7.6	8.0	8.4	9.2	10.4	11.6	12.8	13.2	13.2	13.2
87.5°	1.2	1.2	1.6	1.6	2.0	2.4	3.2	4.0	4.4	4.4	4.4
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)