

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: P635153

Luminaire Tested: GWS-SA3D-730-U-5MQ-W-GRSBK

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P635153
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-SA3D-730-U-5MQ-W-GRSBK
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V MEDIUM OPTICS W/ FACTORY INSTALLED GLARE SHIELD, BK
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9791.2 lumens
Efficiency: N/A
Efficacy: 81.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G0

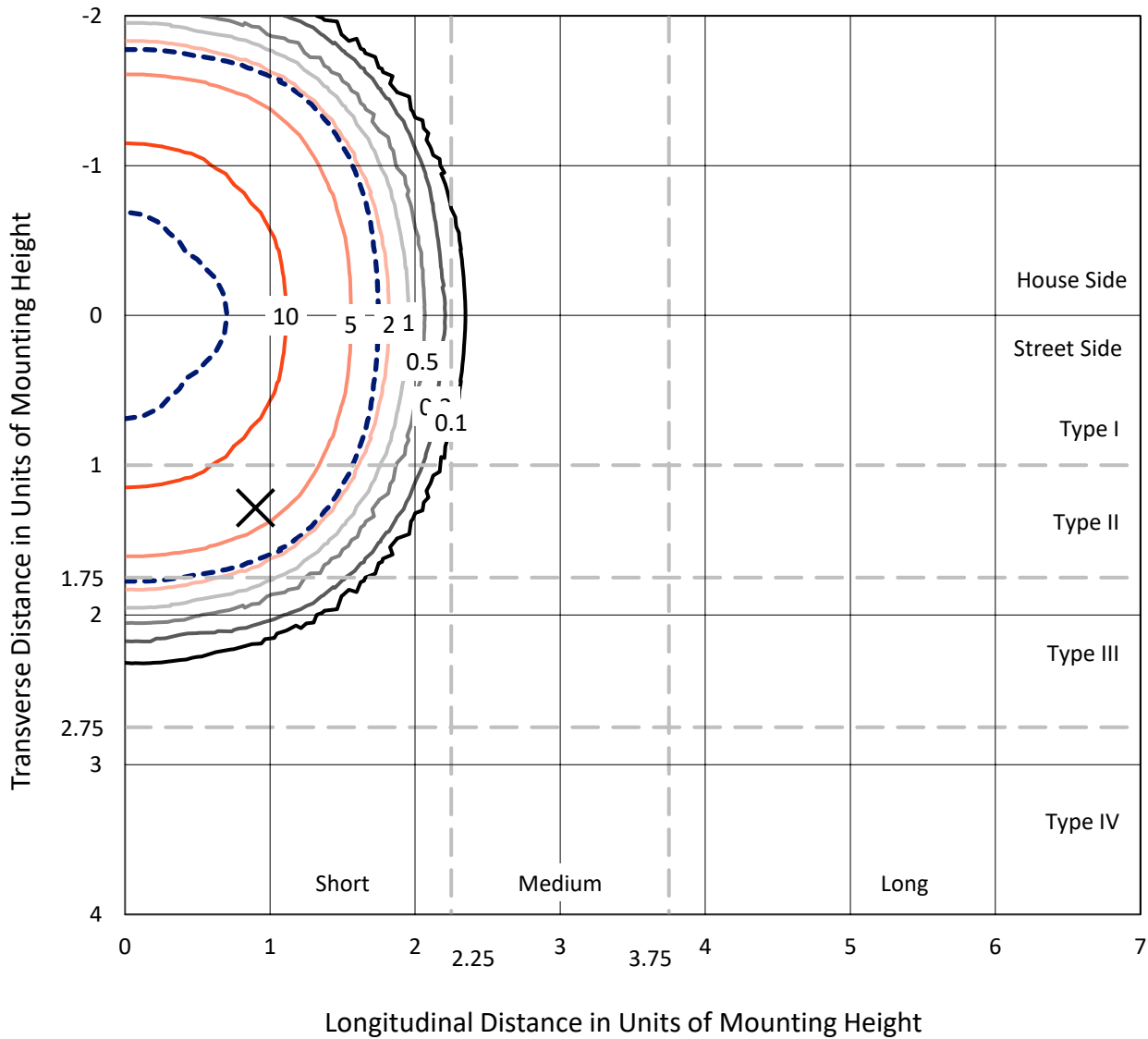
Input Watts (W): 120.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P635153
 CATALOG NUMBER: GWS-SA3D-730-U-5MQ-W-GRSBK

Iso-Footcandle Lines of Horizontal Illumination

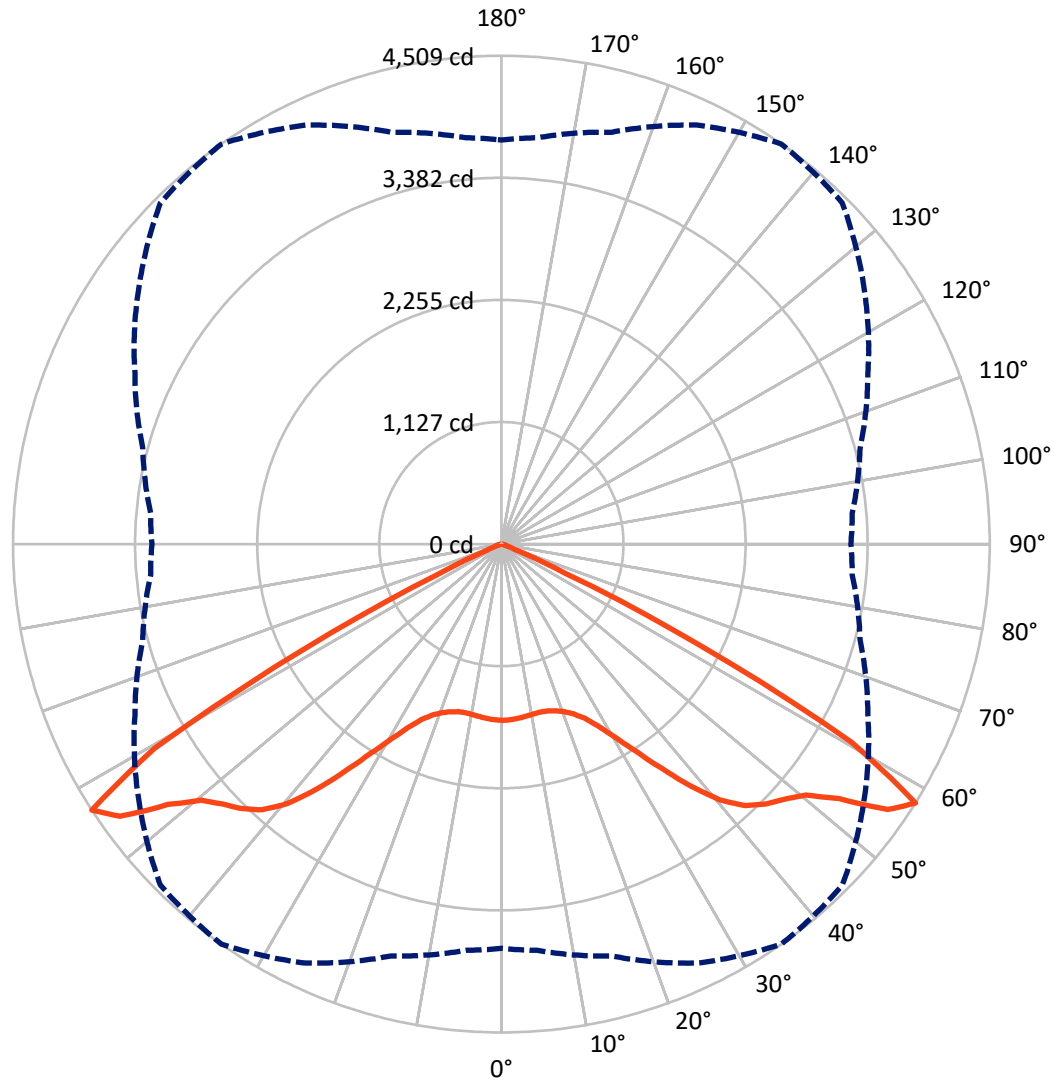
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 16.3 fc
 Type V - Short - N/A

REPORT NUMBER: P635153
CATALOG NUMBER: GWS-SA3D-730-U-5MQ-W-GRSBK

Luminous Intensity Polar Plot



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

REPORT NUMBER: P635153

CATALOG NUMBER: GWS-SA3D-730-U-5MQ-W-GRSBK

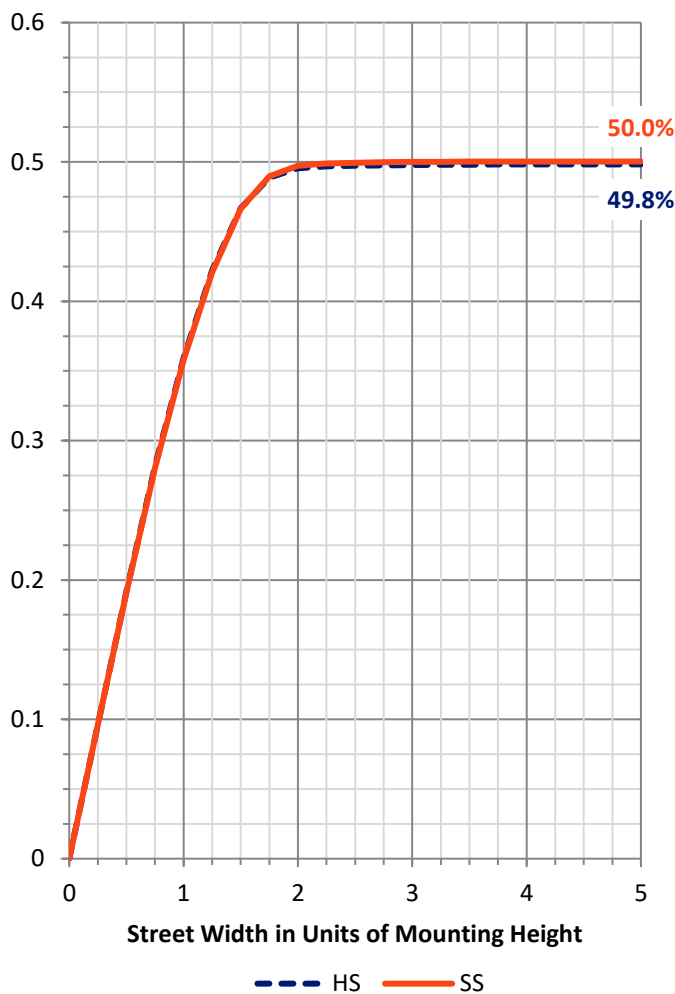
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4895.6	0.0	4895.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4895.6	0.0	4895.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	9791.2	0.0	9791.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	153.4	1.6
10°-20°	451.2	4.6
20°-30°	815.5	8.3
30°-40°	1521.4	15.5
40°-50°	2552.1	26.1
50°-60°	3370.3	34.4
60°-70°	895.1	9.1
70°-80°	31.8	0.3
80°-90°	0.6	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°	9791.2	100.0
0°-180°	9791.2	100.0

Coefficient of Utilization



REPORT NUMBER: P635153

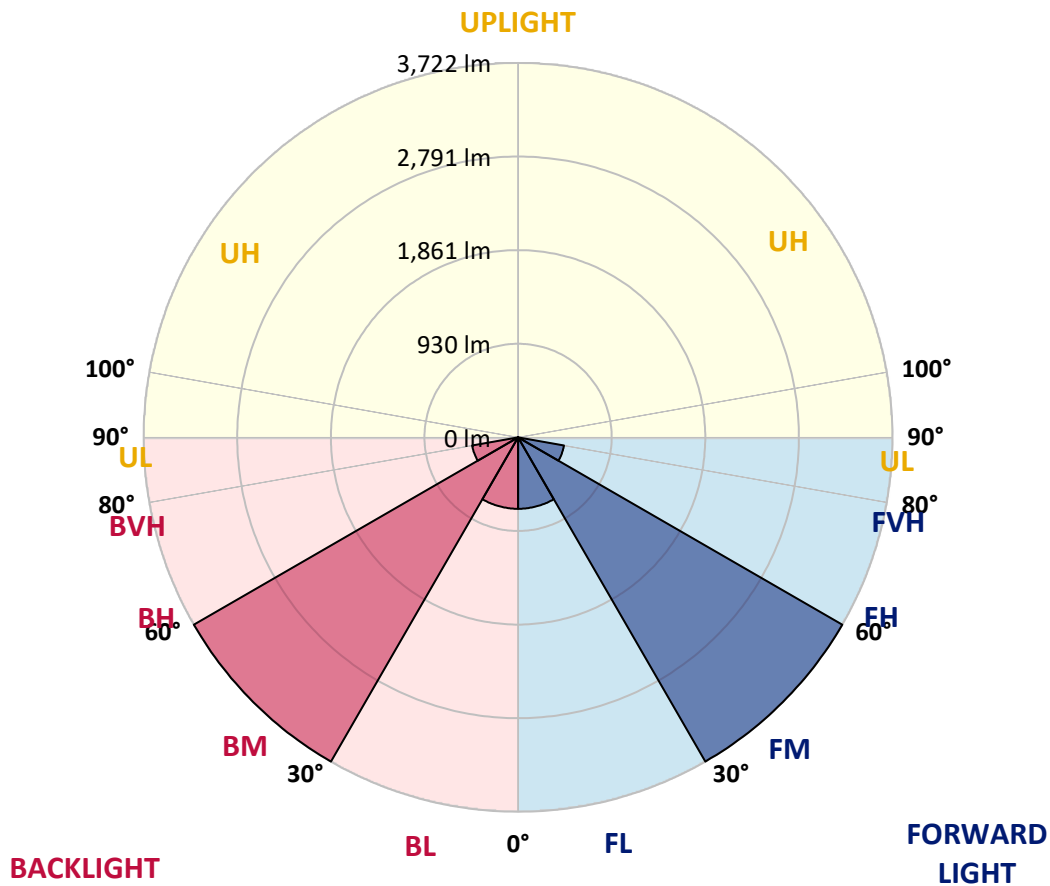
CATALOG NUMBER: GWS-SA3D-730-U-5MQ-W-GRSBK

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	710.0	7.3			
FM (30°-60°)	3721.9	38.0			
FH (60°-80°)	463.4	4.7			G0/660
FVH (80°-90°)	0.3	0.0			G0/10
BL (0°-30°)	710.0	7.3	B2/1000		
BM (30°-60°)	3721.9	38.0	B3/5000		
BH (60°-80°)	463.4	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: P635153
 CATALOG NUMBER: GWS-SA3D-730-U-5MQ-W-GRSBK

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1627.9	1627.9	1627.9	1627.9	1627.9	1627.9	1627.9	1627.9	1627.9	1627.9	1627.9
2.5°	1616.4	1615.2	1619.8	1623.3	1623.3	1631.3	1629.0	1626.7	1624.4	1621.0	1629.0
5°	1614.1	1612.9	1616.4	1618.7	1616.4	1623.3	1618.7	1614.1	1611.8	1607.2	1616.4
7.5°	1603.7	1604.9	1607.2	1609.5	1606.0	1611.8	1606.0	1599.2	1593.4	1588.8	1596.9
10°	1587.7	1588.8	1591.1	1595.7	1596.9	1604.9	1596.9	1584.2	1576.2	1569.3	1577.3
12.5°	1579.6	1580.8	1584.2	1590.0	1591.1	1601.5	1591.1	1572.7	1561.2	1553.2	1561.2
15°	1581.9	1584.2	1588.8	1595.7	1598.0	1608.3	1594.6	1570.4	1554.4	1544.0	1550.9
17.5°	1590.0	1592.3	1599.2	1610.6	1618.7	1629.0	1611.8	1580.8	1558.9	1544.0	1550.9
20°	1600.3	1603.7	1615.2	1633.6	1650.9	1669.2	1647.4	1604.9	1576.2	1557.8	1563.5
22.5°	1629.0	1632.5	1648.6	1672.7	1701.4	1724.4	1698.0	1644.0	1604.9	1580.8	1586.5
25°	1687.6	1691.1	1711.7	1742.8	1779.5	1809.4	1776.1	1708.3	1657.7	1630.2	1632.5
27.5°	1779.5	1783.0	1807.1	1850.7	1900.1	1942.7	1894.4	1815.1	1757.7	1725.5	1725.5
30°	1895.5	1900.1	1932.3	1990.9	2067.9	2124.2	2058.7	1962.2	1888.7	1845.0	1846.2
32.5°	2044.9	2040.3	2086.3	2166.7	2275.8	2350.5	2254.0	2136.8	2046.0	1985.2	1990.9
35°	2236.7	2235.6	2287.3	2396.4	2538.9	2628.5	2513.6	2362.0	2252.8	2190.8	2191.9
37.5°	2483.7	2482.6	2542.3	2660.7	2831.8	2906.5	2777.8	2623.9	2506.7	2447.0	2453.9
40°	2773.2	2766.4	2819.2	2932.9	3104.1	3152.4	3012.2	2888.1	2775.5	2737.6	2756.0
42.5°	3049.0	3034.0	3065.0	3168.4	3300.6	3307.4	3201.8	3116.7	3039.8	3009.9	3021.4
45°	3270.7	3259.2	3287.9	3347.7	3423.5	3389.0	3338.5	3312.0	3250.0	3217.8	3228.2
47.5°	3436.1	3436.1	3470.6	3507.3	3518.8	3455.6	3463.7	3463.7	3401.7	3351.1	3338.5
50°	3578.6	3588.9	3640.6	3678.5	3640.6	3560.2	3606.1	3596.9	3470.6	3369.5	3343.1
52.5°	3806.0	3816.4	3895.6	3947.3	3904.8	3825.6	3831.3	3716.4	3530.3	3410.8	3369.5
55°	4047.3	4072.6	4187.4	4325.3	4326.4	4244.9	4093.2	3889.9	3663.6	3533.8	3491.3
57.5°	3731.4	3765.8	3937.0	4269.0	4509.1	4452.8	4090.9	3733.7	3428.1	3251.2	3227.0
60°	2567.6	2627.3	2798.5	3252.3	3715.3	3737.1	3309.7	2908.8	2558.4	2340.1	2344.7
62.5°	1084.5	1145.4	1241.9	1615.2	2040.3	2066.7	1859.9	1572.7	1286.7	1129.3	1153.4
65°	255.0	272.3	301.0	446.9	647.9	677.8	625.0	487.1	359.6	304.4	310.2
67.5°	111.4	113.7	108.0	114.9	142.5	145.9	141.3	124.1	117.2	119.5	119.5
70°	78.1	79.3	74.7	71.2	67.8	63.2	65.5	72.4	78.1	82.7	81.6
72.5°	48.3	49.4	50.5	50.5	47.1	42.5	44.8	49.4	50.5	51.7	50.5
75°	24.1	25.3	27.6	28.7	27.6	26.4	26.4	27.6	27.6	26.4	26.4
77.5°	4.6	5.7	8.0	9.2	9.2	9.2	9.2	9.2	10.3	9.2	9.2
80°	1.1	1.1	2.3	1.1	1.1	1.1	1.1	1.1	1.1	2.3	2.3
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)