

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: P635539

Luminaire Tested: GWS-SA3E-722-U-5MQ-W-GRSWH

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P635539
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA3E-722-U-5MQ-W-GRSWH
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V MEDIUM OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14183.5 lumens
Efficiency: N/A
Efficacy: 89.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

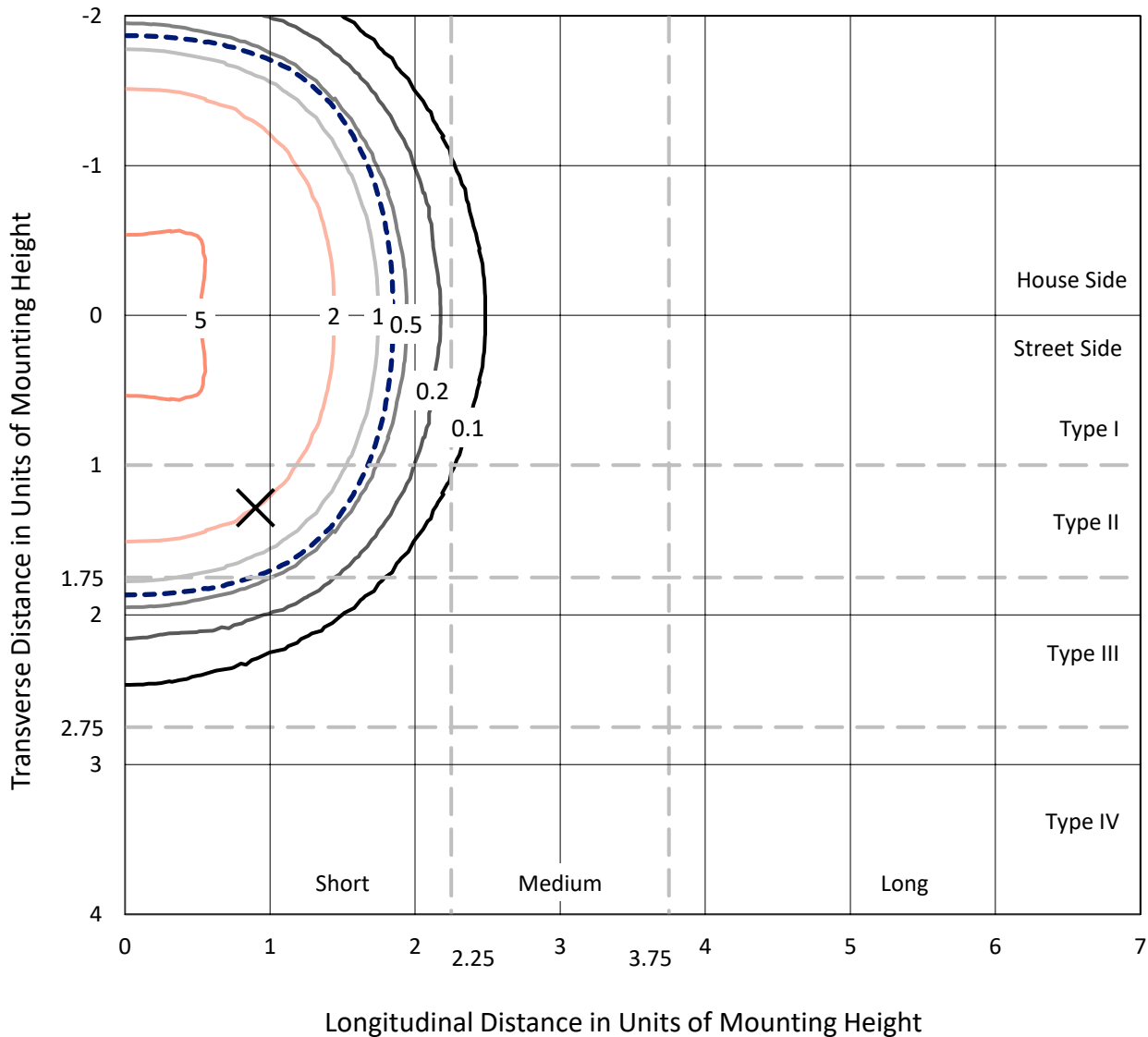
Input Watts (W): 159.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P635539
 CATALOG NUMBER: GWS-SA3E-722-U-5MQ-W-GRSWH

Iso-Footcandle Lines of Horizontal Illumination

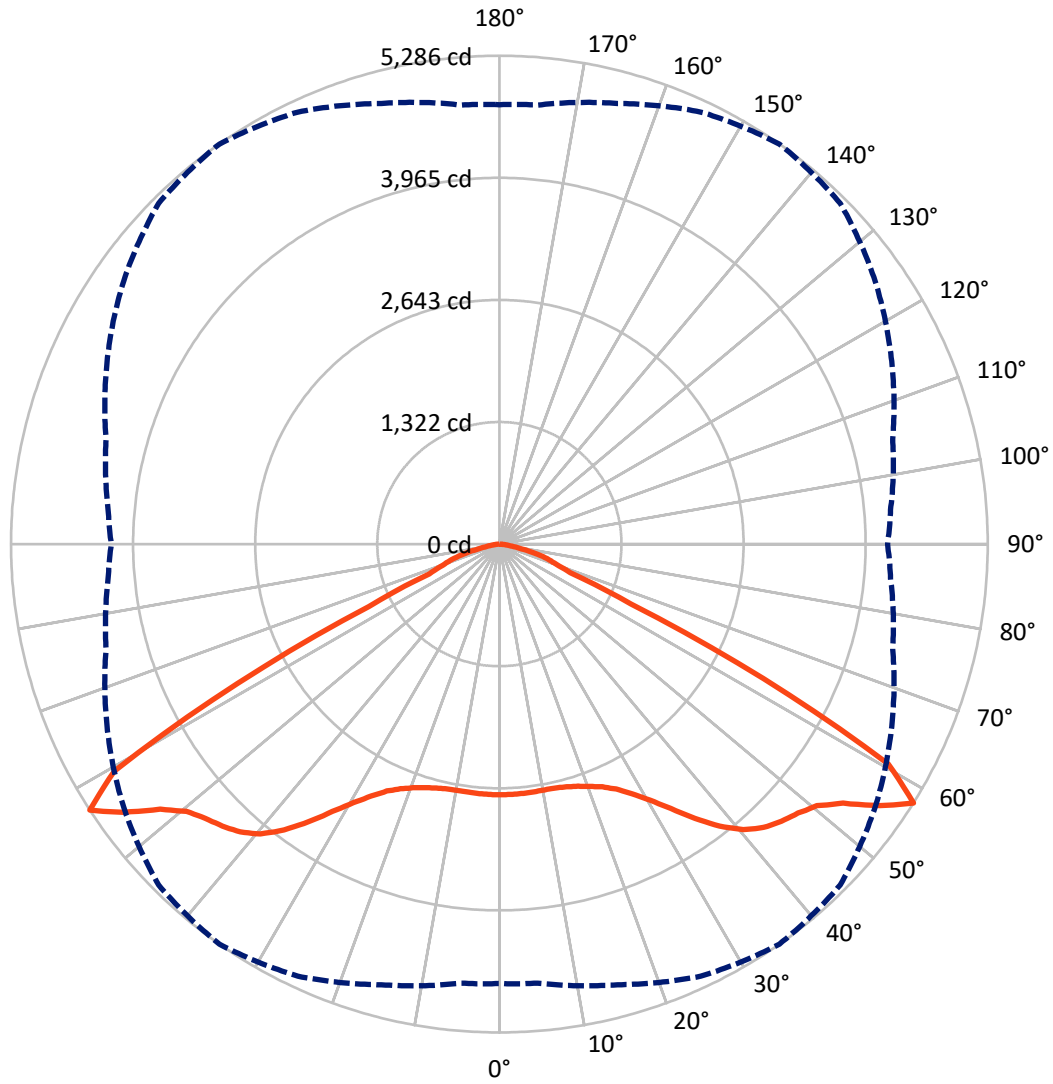
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 6.8 fc
 Type V - Short - N/A

REPORT NUMBER: P635539
CATALOG NUMBER: GWS-SA3E-722-U-5MQ-W-GRSWH

Luminous Intensity Polar Plot



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

REPORT NUMBER: P635539

CATALOG NUMBER: GWS-SA3E-722-U-5MQ-W-GRSWH

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7091.7	0.0	7091.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	7091.7	0.0	7091.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	14183.5	0.0	14183.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	258.2	1.8
10°-20°	770.3	5.4
20°-30°	1344.0	9.5
30°-40°	2203.8	15.5
40°-50°	3245.7	22.9
50°-60°	4142.1	29.2
60°-70°	1745.7	12.3
70°-80°	417.0	2.9
80°-90°	56.8	0.4
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°	14183.5	100.0
0°-180°	14183.5	100.0

Coefficient of Utilization



REPORT NUMBER: P635539

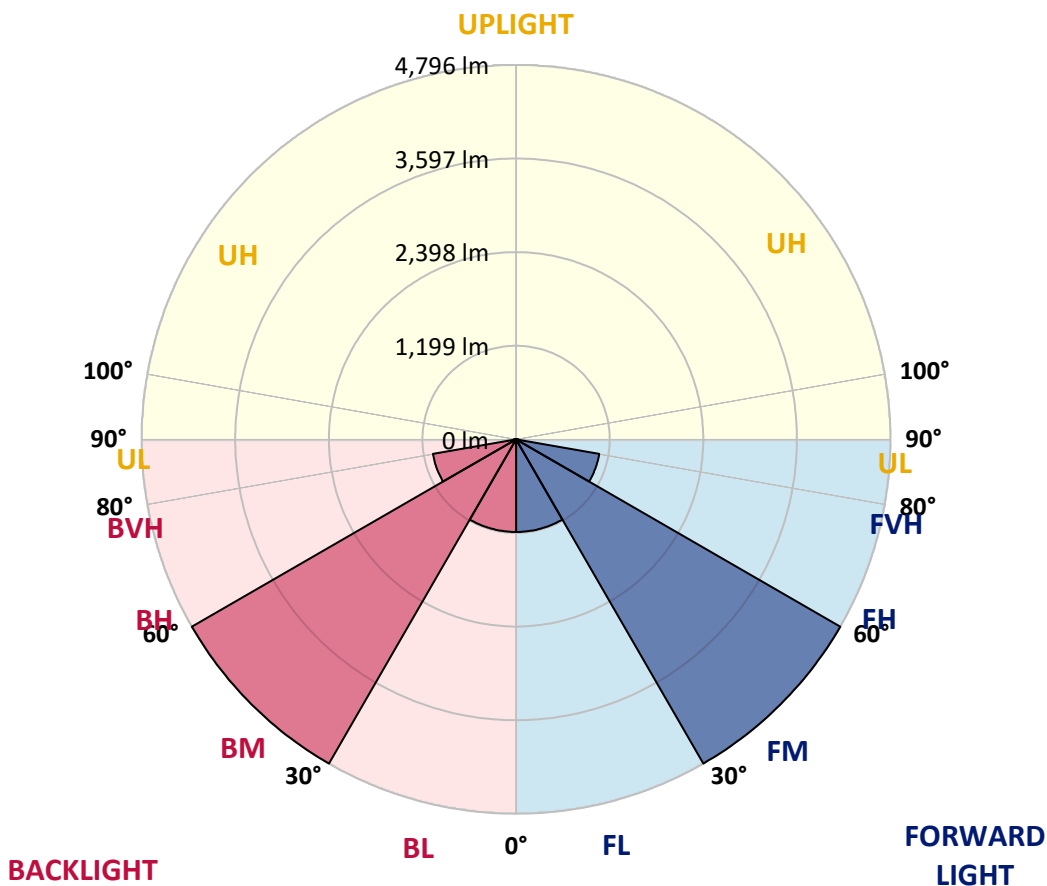
CATALOG NUMBER: GWS-SA3E-722-U-5MQ-W-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1186.2	8.4			
FM (30°-60°)	4795.8	33.8			
FH (60°-80°)	1081.3	7.6			G1/1800
FVH (80°-90°)	28.4	0.2			G1/100
BL (0°-30°)	1186.2	8.4	B3/2500		
BM (30°-60°)	4795.8	33.8	B3/5000		
BH (60°-80°)	1081.3	7.6	B3/2500		G1/1800
BVH (80°-90°)	28.4	0.2			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1

Type V Short





REPORT NUMBER: P635539

CATALOG NUMBER: GWS-SA3E-722-U-5MQ-W-GRSWH

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	2713.9	2713.9	2713.9	2713.9	2713.9	2713.9	2713.9	2713.9	2713.9	2713.9	2713.9
2.5°	2697.6	2697.6	2703.4	2709.2	2711.5	2722.0	2720.8	2717.3	2715.0	2708.0	2717.3
5°	2703.4	2703.4	2708.0	2711.5	2710.4	2718.5	2715.0	2709.2	2705.7	2698.8	2709.2
7.5°	2702.2	2702.2	2705.7	2709.2	2706.9	2713.9	2708.0	2699.9	2694.1	2687.1	2696.4
10°	2687.1	2689.5	2692.9	2701.1	2704.6	2715.0	2706.9	2694.1	2684.8	2676.7	2686.0
12.5°	2684.8	2687.1	2691.8	2702.2	2708.0	2723.1	2712.7	2691.8	2677.9	2667.4	2676.7
15°	2695.3	2697.6	2704.6	2717.3	2726.6	2742.9	2727.8	2698.8	2679.0	2665.1	2673.2
17.5°	2708.0	2711.5	2722.0	2740.6	2755.7	2773.1	2754.5	2719.7	2691.8	2673.2	2680.2
20°	2722.0	2726.6	2742.9	2770.8	2798.6	2820.7	2797.5	2751.0	2717.3	2692.9	2699.9
22.5°	2746.4	2752.2	2773.1	2812.6	2854.4	2886.9	2857.8	2795.1	2751.0	2719.7	2725.5
25°	2796.3	2803.3	2830.0	2877.6	2936.8	2976.3	2935.6	2864.8	2803.3	2764.9	2770.8
27.5°	2884.6	2888.0	2922.9	2985.6	3058.7	3104.0	3055.3	2971.6	2903.1	2859.0	2863.7
30°	3000.7	3011.1	3046.0	3128.4	3215.5	3275.9	3212.0	3113.3	3034.4	2980.9	2985.6
32.5°	3142.4	3149.3	3201.6	3287.5	3412.9	3482.6	3395.5	3278.2	3183.0	3118.0	3122.6
35°	3328.2	3334.0	3383.9	3493.1	3645.2	3710.2	3610.3	3475.6	3365.3	3303.8	3321.2
37.5°	3550.0	3560.4	3596.4	3704.4	3873.9	3937.8	3822.8	3697.4	3582.5	3525.6	3538.3
40°	3788.0	3786.8	3815.9	3911.1	4065.5	4105.0	4001.7	3901.8	3803.1	3765.9	3786.8
42.5°	3992.4	3986.6	4007.5	4086.5	4193.3	4196.8	4128.3	4072.5	4002.8	3977.3	3997.0
45°	4135.2	4137.5	4168.9	4223.5	4278.1	4249.0	4228.1	4218.8	4164.3	4129.4	4132.9
47.5°	4247.9	4257.2	4307.1	4344.3	4351.2	4302.4	4331.5	4345.4	4300.1	4246.7	4231.6
50°	4347.7	4362.8	4427.9	4467.3	4452.2	4390.7	4447.6	4468.5	4368.6	4266.4	4236.3
52.5°	4528.9	4546.3	4625.3	4676.4	4659.0	4597.4	4650.8	4576.5	4408.1	4282.7	4244.4
55°	4818.0	4826.2	4922.6	5006.2	4998.0	4922.6	4879.6	4714.7	4510.3	4380.2	4344.3
57.5°	4756.5	4770.4	4937.7	5160.6	5286.0	5217.5	4965.5	4684.5	4407.0	4250.2	4201.4
60°	3742.7	3776.4	3984.3	4376.8	4836.6	4835.5	4367.5	3930.8	3596.4	3388.5	3367.6
62.5°	2185.5	2208.7	2398.0	2795.1	3207.4	3232.9	2904.3	2604.7	2312.1	2171.5	2104.2
65°	1034.7	1033.5	1109.0	1287.8	1566.5	1588.6	1489.9	1326.2	1153.1	1105.5	1092.7
67.5°	764.1	764.1	758.3	771.1	824.5	836.1	824.5	797.8	781.5	792.0	785.0
70°	663.1	664.2	657.3	653.8	653.8	650.3	654.9	665.4	672.4	686.3	679.3
72.5°	537.7	538.8	538.8	540.0	541.1	536.5	543.5	549.3	550.4	555.1	550.4
75°	382.1	384.4	391.3	397.1	401.8	401.8	404.1	405.3	400.6	406.4	397.1
77.5°	210.2	212.5	225.3	235.7	246.2	247.3	250.8	253.2	250.8	255.5	248.5
80°	116.1	118.4	124.3	128.9	137.0	144.0	148.6	151.0	151.0	154.4	151.0
82.5°	66.2	68.5	72.0	74.3	81.3	87.1	91.7	95.2	95.2	96.4	94.1
85°	31.4	31.4	33.7	36.0	39.5	41.8	47.6	51.1	51.1	53.4	51.1
87.5°	4.6	5.8	7.0	7.0	9.3	11.6	13.9	15.1	17.4	18.6	18.6
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)