

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: P630093

Luminaire Tested: GWS-SA1D-722-U-5MQ-W-GRSBK

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P630093
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-SA1D-722-U-5MQ-W-GRSBK
Description: GALLEON WALL SLIM LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V MEDIUM OPTICS W/ FACTORY INSTALLED GLARE SHIELD, BK
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2729 lumens
Efficiency: N/A
Efficacy: 61.6 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): 44.3
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

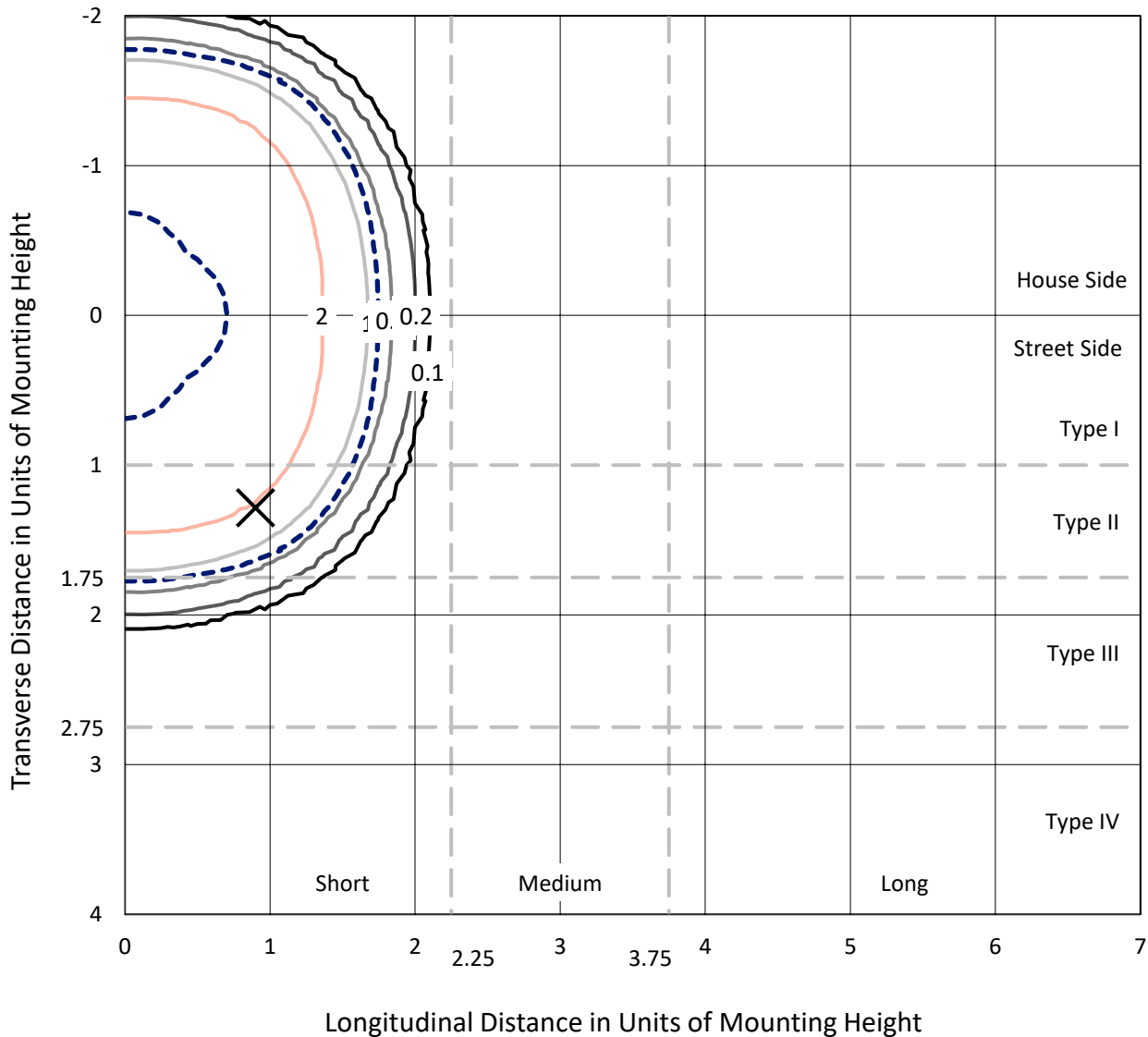


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Iso-Footcandle Lines of Horizontal Illumination

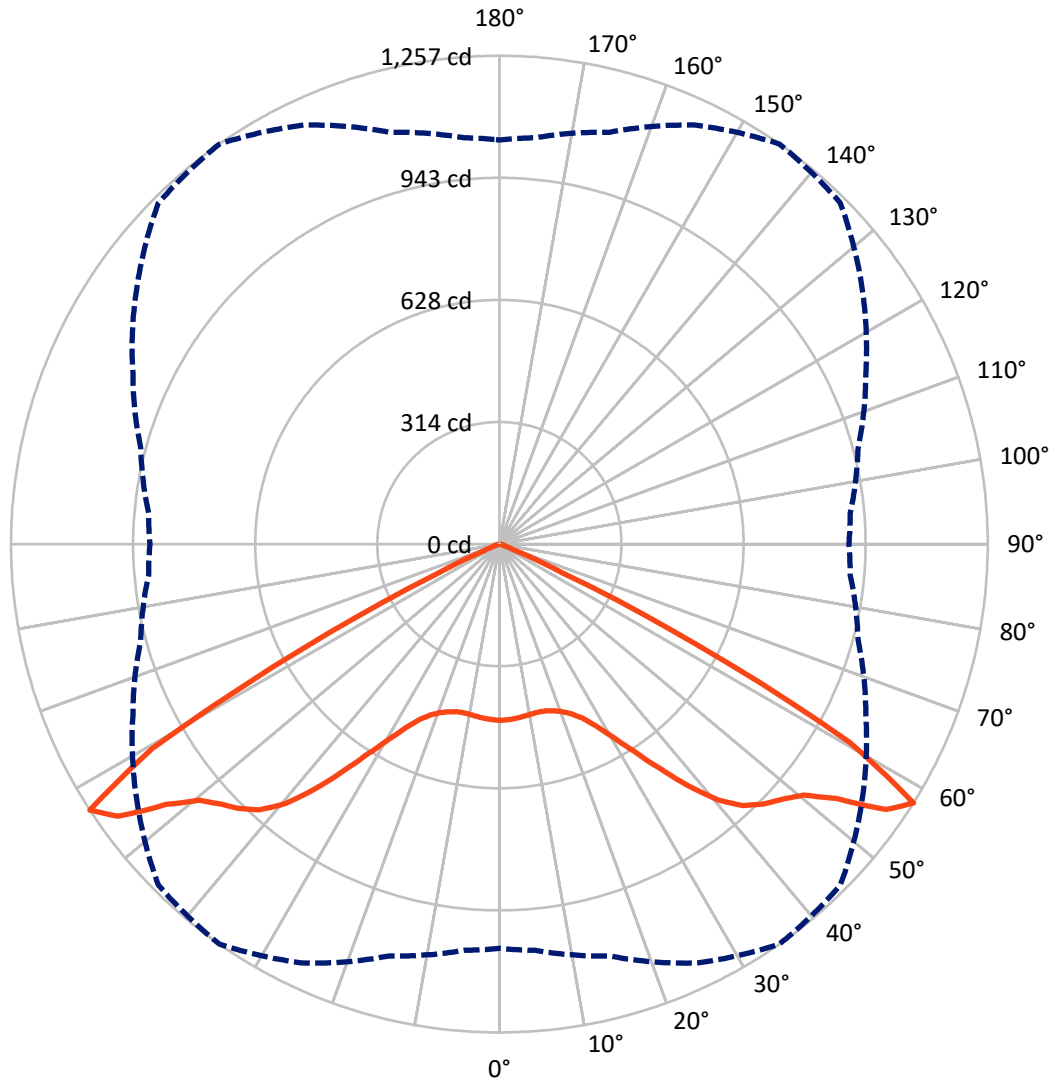
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 4.5 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1364.5	0.0	1364.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1364.5	0.0	1364.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	2729.0	0.0	2729.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.7	1.6
10°-20°	125.7	4.6
20°-30°	227.3	8.3
30°-40°	424.0	15.5
40°-50°	711.3	26.1
50°-60°	939.4	34.4
60°-70°	249.5	9.1
70°-80°	8.9	0.3
80°-90°	0.1	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°	2729.0	100.0
0°-180°	2729.0	100.0

Coefficient of Utilization



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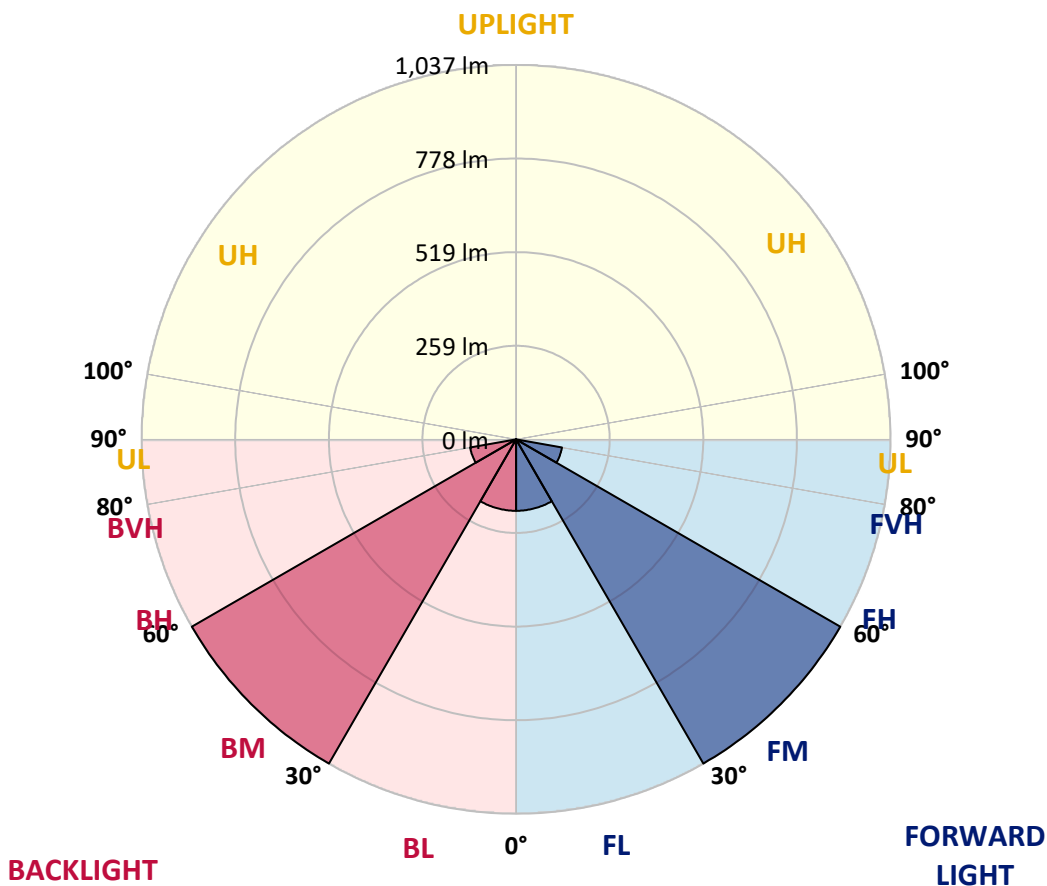
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	197.9	7.3			
FM (30°-60°)	1037.4	38.0			
FH (60°-80°)	129.2	4.7			G0/660
FVH (80°-90°)	0.1	0.0			G0/10
BL (0°-30°)	197.9	7.3	B1/500		
BM (30°-60°)	1037.4	38.0	B2/2500		
BH (60°-80°)	129.2	4.7	B1/500		G0/660
BVH (80°-90°)	0.1	0.0			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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	453.7	453.7	453.7	453.7	453.7	453.7	453.7	453.7	453.7	453.7	453.7
2.5°	450.5	450.2	451.5	452.4	452.4	454.7	454.0	453.4	452.8	451.8	454.0
5°	449.9	449.6	450.5	451.2	450.5	452.4	451.2	449.9	449.2	448.0	450.5
7.5°	447.0	447.3	448.0	448.6	447.6	449.2	447.6	445.7	444.1	442.8	445.1
10°	442.5	442.8	443.5	444.8	445.1	447.3	445.1	441.6	439.3	437.4	439.6
12.5°	440.3	440.6	441.6	443.2	443.5	446.4	443.5	438.4	435.1	432.9	435.1
15°	440.9	441.6	442.8	444.8	445.4	448.3	444.4	437.7	433.2	430.3	432.3
17.5°	443.2	443.8	445.7	448.9	451.2	454.0	449.2	440.6	434.5	430.3	432.3
20°	446.0	447.0	450.2	455.3	460.1	465.2	459.2	447.3	439.3	434.2	435.8
22.5°	454.0	455.0	459.5	466.2	474.2	480.6	473.3	458.2	447.3	440.6	442.2
25°	470.4	471.3	477.1	485.7	496.0	504.3	495.0	476.1	462.0	454.4	455.0
27.5°	496.0	496.9	503.7	515.8	529.6	541.5	528.0	505.9	489.9	480.9	480.9
30°	528.3	529.6	538.6	554.9	576.4	592.0	573.8	546.9	526.4	514.2	514.6
32.5°	570.0	568.7	581.5	603.9	634.3	655.1	628.2	595.6	570.3	553.3	554.9
35°	623.4	623.1	637.5	667.9	707.6	732.6	700.6	658.3	627.9	610.6	610.9
37.5°	692.3	691.9	708.6	741.6	789.3	810.1	774.2	731.3	698.7	682.0	683.9
40°	773.0	771.0	785.8	817.5	865.2	878.6	839.6	805.0	773.6	763.0	768.2
42.5°	849.8	845.6	854.3	883.1	919.9	921.9	892.4	868.7	847.2	838.9	842.1
45°	911.6	908.4	916.4	933.1	954.2	944.6	930.5	923.1	905.8	896.9	899.8
47.5°	957.7	957.7	967.3	977.6	980.8	963.2	965.4	965.4	948.1	934.0	930.5
50°	997.4	1000.3	1014.7	1025.3	1014.7	992.3	1005.1	1002.5	967.3	939.1	931.8
52.5°	1060.8	1063.7	1085.8	1100.2	1088.4	1066.3	1067.9	1035.8	984.0	950.7	939.1
55°	1128.1	1135.1	1167.1	1205.5	1205.9	1183.1	1140.9	1084.2	1021.1	984.9	973.1
57.5°	1040.0	1049.6	1097.3	1189.9	1256.8	1241.1	1140.2	1040.6	955.5	906.2	899.4
60°	715.6	732.3	780.0	906.5	1035.5	1041.6	922.5	810.7	713.1	652.2	653.5
62.5°	302.3	319.2	346.1	450.2	568.7	576.0	518.4	438.4	358.6	314.8	321.5
65°	71.1	75.9	83.9	124.6	180.6	188.9	174.2	135.8	100.2	84.9	86.5
67.5°	31.1	31.7	30.1	32.0	39.7	40.7	39.4	34.6	32.7	33.3	33.3
70°	21.8	22.1	20.8	19.9	18.9	17.6	18.3	20.2	21.8	23.1	22.7
72.5°	13.4	13.8	14.1	14.1	13.1	11.8	12.5	13.8	14.1	14.4	14.1
75°	6.7	7.0	7.7	8.0	7.7	7.4	7.4	7.7	7.7	7.4	7.4
77.5°	1.3	1.6	2.2	2.6	2.6	2.6	2.6	2.6	2.9	2.6	2.6
80°	0.3	0.3	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.6
82.5°	0.3	0.3	0.3	0.3	0.0	0.0	0.3	0.3	0.3	0.3	0.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3
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)