

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P938713

Luminaire Tested: **GALN-SB1A-722-U-T1**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P938713
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SB1A-722-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 2200K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

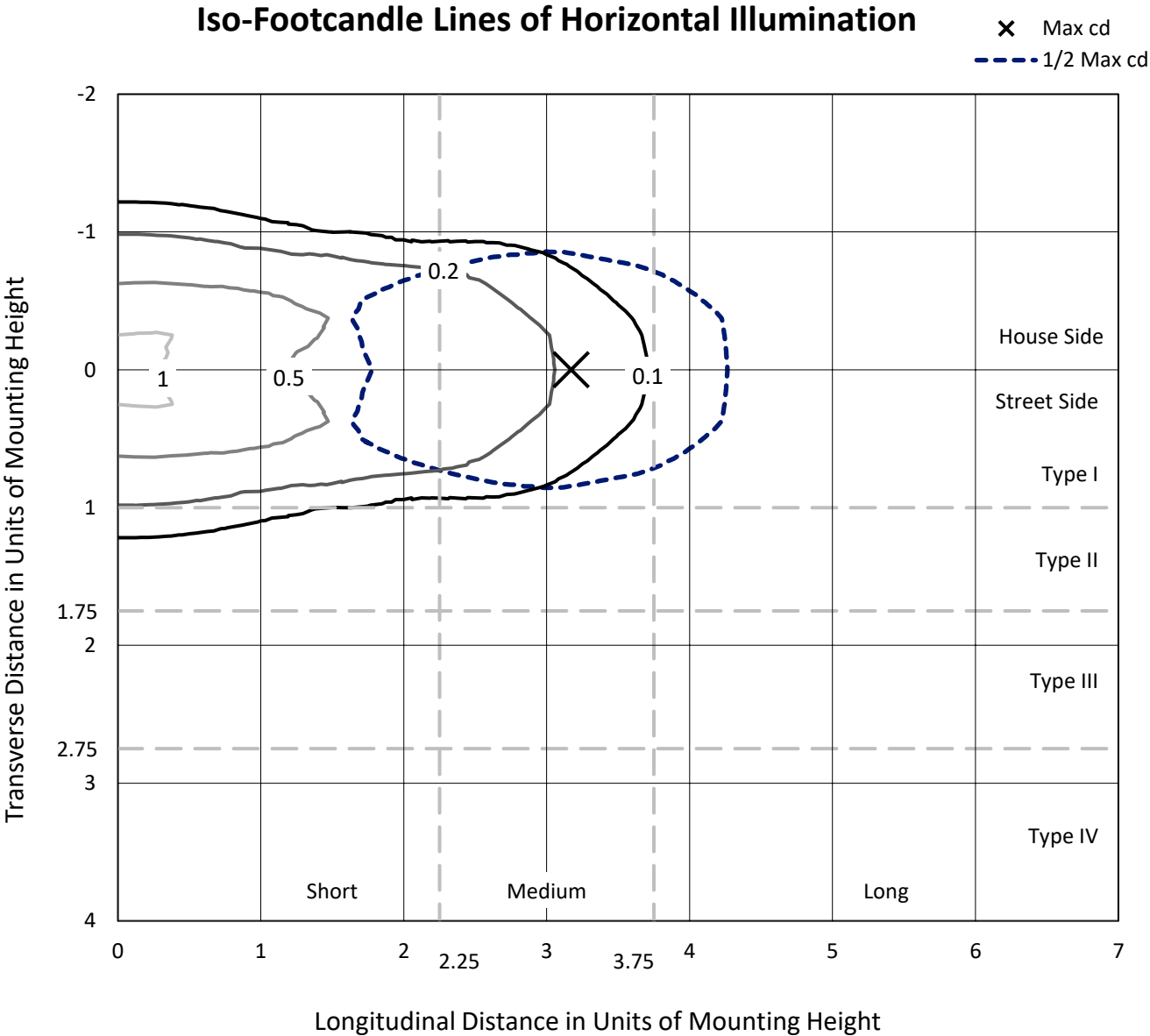
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3667 lumens
Efficiency: N/A
Efficacy: 118.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type I - Short
BUG Rating: B2 - U0 - G2

Input Watts (W): 30.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

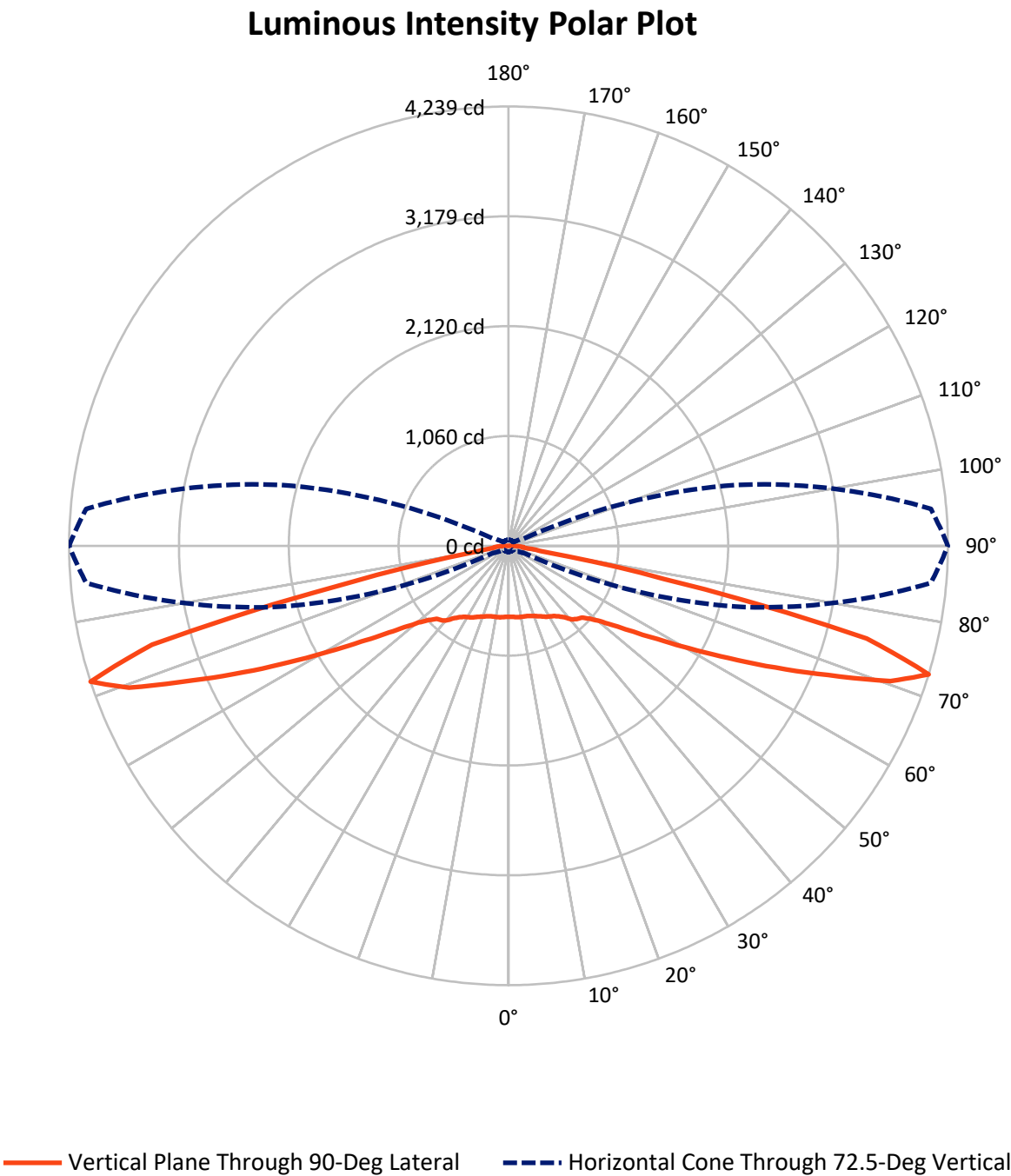


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Based on 25 foot mounting height. Maximum calculated value = 1.1 fc
Type I - Short - N/A

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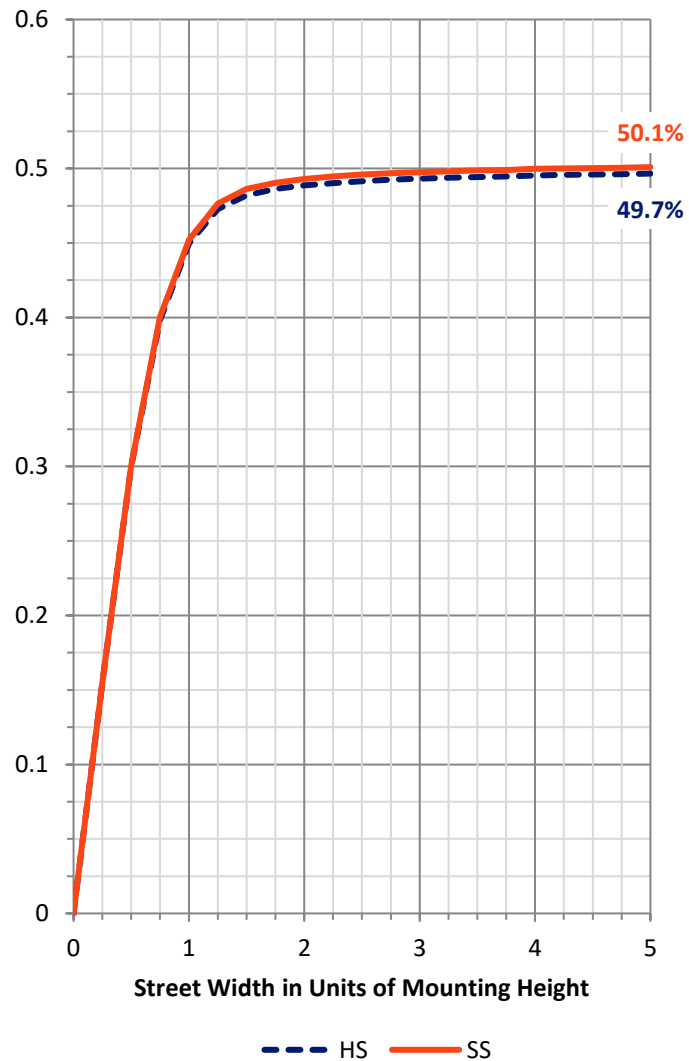
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1833.5	0.0	1833.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1833.5	0.0	1833.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	3667.0	0.0	3667.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.4	1.8
10°-20°	203.1	5.5
20°-30°	338.7	9.2
30°-40°	465.9	12.7
40°-50°	568.9	15.5
50°-60°	658.0	17.9
60°-70°	784.6	21.4
70°-80°	547.6	14.9
80°-90°	33.6	0.9
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°	3667.0	100.0
0°-180°	3667.0	100.0

Coefficient of Utilization



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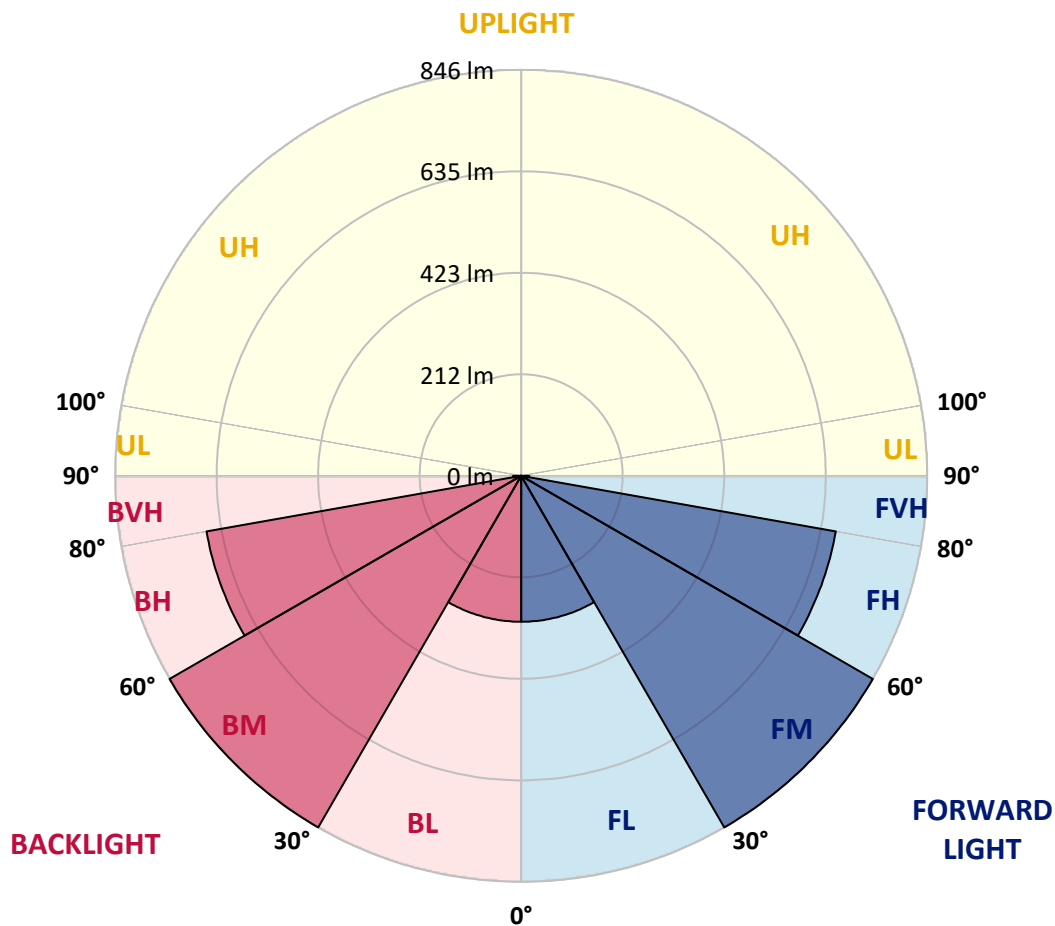
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	304.2	8.3			
FM	(30°-60°)	846.4	23.1			
FH	(60°-80°)	666.1	18.2			G1/1800
FVH	(80°-90°)	16.8	0.5			G1/100
BL	(0°-30°)	304.2	8.3	B1/500		
BM	(30°-60°)	846.4	23.1	B1/1000		
BH	(60°-80°)	666.1	18.2	B2/1000		G2/1000
BVH	(80°-90°)	16.8	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type I Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	685.2	685.2	685.2	685.2	685.2	685.2	685.2	685.2	685.2	685.2	685.2
2.5°	685.8	686.6	686.6	686.0	687.4	686.2	686.2	685.6	686.2	685.6	685.6
5°	689.3	690.3	690.7	690.5	692.2	691.3	691.3	690.5	690.7	690.1	690.1
7.5°	695.9	697.3	698.1	699.1	701.6	700.4	699.6	697.3	696.3	694.8	694.8
10°	698.1	699.6	702.2	707.2	713.1	713.3	710.9	705.1	700.6	697.1	696.5
12.5°	691.5	693.6	698.9	709.2	722.2	727.5	723.8	714.1	705.3	699.1	698.1
15°	683.1	685.4	693.4	709.0	728.3	740.6	740.2	727.3	713.3	703.5	702.0
17.5°	670.0	672.4	683.9	705.7	733.0	753.2	758.7	745.4	725.8	712.7	710.6
20°	646.4	648.6	664.6	695.2	734.5	766.7	780.9	769.2	744.7	726.9	723.6
22.5°	615.8	619.2	637.9	677.0	730.8	780.7	806.2	798.3	766.7	742.1	737.6
25°	583.1	586.6	608.4	654.8	721.3	790.8	836.3	831.2	791.6	761.0	754.8
27.5°	554.8	558.5	582.3	632.8	706.5	794.7	865.9	868.4	821.8	781.9	775.3
30°	532.6	536.1	561.5	615.1	687.4	790.8	891.8	909.3	852.6	800.0	790.5
32.5°	508.3	512.7	539.4	593.4	664.8	781.5	914.4	953.6	888.3	819.5	807.4
35°	477.5	481.6	509.6	563.8	635.1	766.5	933.3	1002.7	939.3	849.1	835.7
37.5°	440.1	443.9	471.8	526.8	605.7	745.4	947.7	1058.0	1000.2	891.8	873.9
40°	402.4	406.1	432.3	485.5	570.4	718.5	952.8	1112.2	1069.9	950.5	931.4
42.5°	367.9	371.3	395.2	444.7	530.9	684.2	946.2	1159.4	1132.5	991.4	966.8
45°	336.2	339.1	360.3	406.5	489.7	642.5	926.3	1210.0	1206.9	1020.6	987.5
47.5°	299.9	302.9	324.9	369.5	448.6	593.6	892.6	1259.9	1310.4	1086.9	1048.7
50°	255.7	258.2	280.8	326.8	405.9	541.6	845.8	1299.1	1441.0	1187.2	1139.3
52.5°	203.3	206.0	228.0	274.0	355.3	485.7	784.2	1324.6	1591.8	1333.8	1274.7
55°	151.2	153.2	172.3	213.6	292.5	421.9	707.0	1331.8	1762.9	1534.1	1460.3
57.5°	109.7	110.9	123.2	154.0	221.8	342.2	613.3	1313.1	1966.6	1791.0	1698.0
60°	88.9	89.3	93.0	106.6	154.2	252.2	500.1	1248.8	2187.6	2122.1	2005.0
62.5°	80.7	80.7	81.7	85.4	104.3	166.4	363.1	1115.5	2424.6	2540.5	2383.6
65°	75.0	75.0	75.4	77.2	82.2	106.0	229.2	898.4	2624.3	3030.7	2832.3
67.5°	70.0	70.2	70.0	70.5	73.5	78.3	132.9	620.5	2731.9	3538.5	3324.4
70°	64.7	65.1	64.1	64.1	66.5	66.7	83.2	340.3	2642.6	3964.2	3907.8
72.5°	58.5	59.1	57.5	57.1	58.9	58.1	62.6	163.3	2268.9	4091.2	4239.3
75°	53.0	53.8	50.3	49.3	49.3	48.7	50.9	83.8	1472.6	3337.4	3569.7
77.5°	48.1	49.7	44.0	40.9	40.1	38.4	41.5	51.3	644.1	1566.9	1534.3
80°	39.8	41.9	36.2	32.5	31.2	29.2	32.7	35.9	191.6	363.9	348.5
82.5°	29.6	30.6	25.7	23.2	22.0	20.7	24.6	24.9	62.4	128.8	145.6
85°	18.9	19.3	15.8	13.6	13.1	12.5	15.6	13.6	23.8	94.7	137.6
87.5°	6.6	7.6	6.0	5.5	5.8	4.9	7.2	4.1	6.6	66.8	82.8
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)