

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: STREETWORKS

Report Number: P943473

Luminaire Tested: **GLAN-SB8A-722-U-T1**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P943473
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: STREETWORKS
Catalog Number: GLAN-SB8A-722-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(8) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 29643 lumens
Efficiency: N/A
Efficacy: 130.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type I - Short
BUG Rating: B5 - U0 - G5

Input Watts (W): 227.1
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



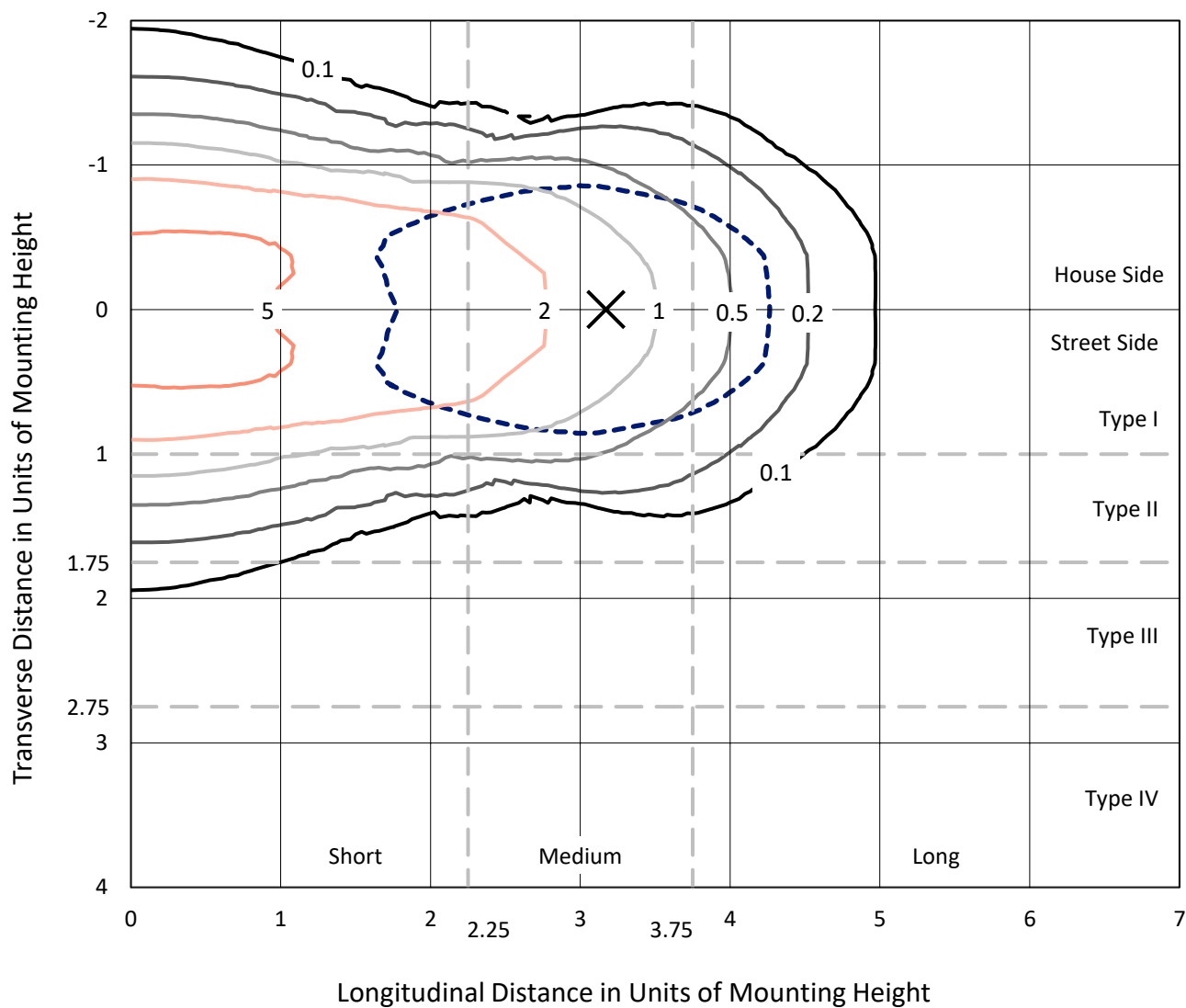
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Iso-Footcandle Lines of Horizontal Illumination

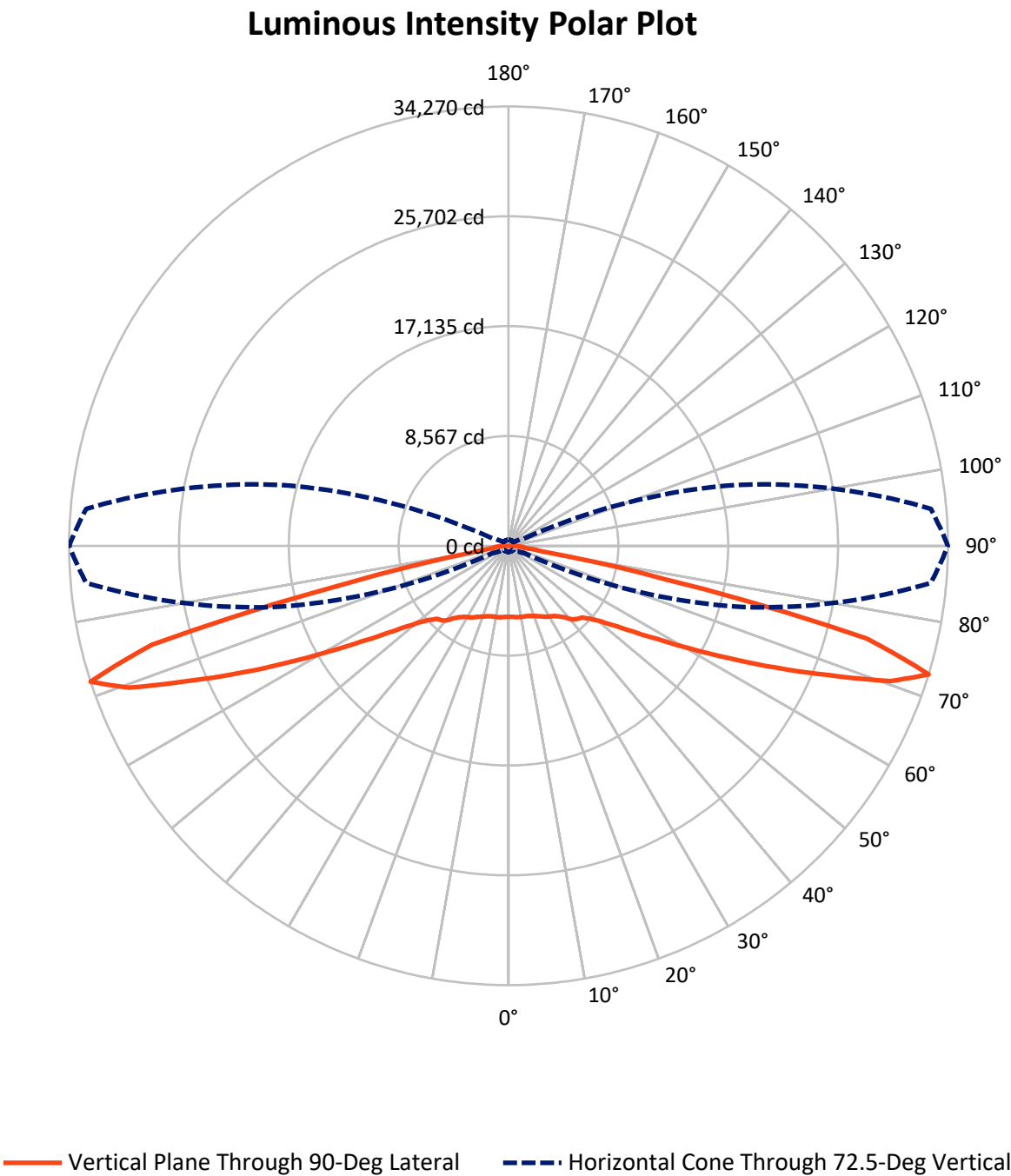
✕ Max cd

--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.9 fc
 Type I - Short - N/A

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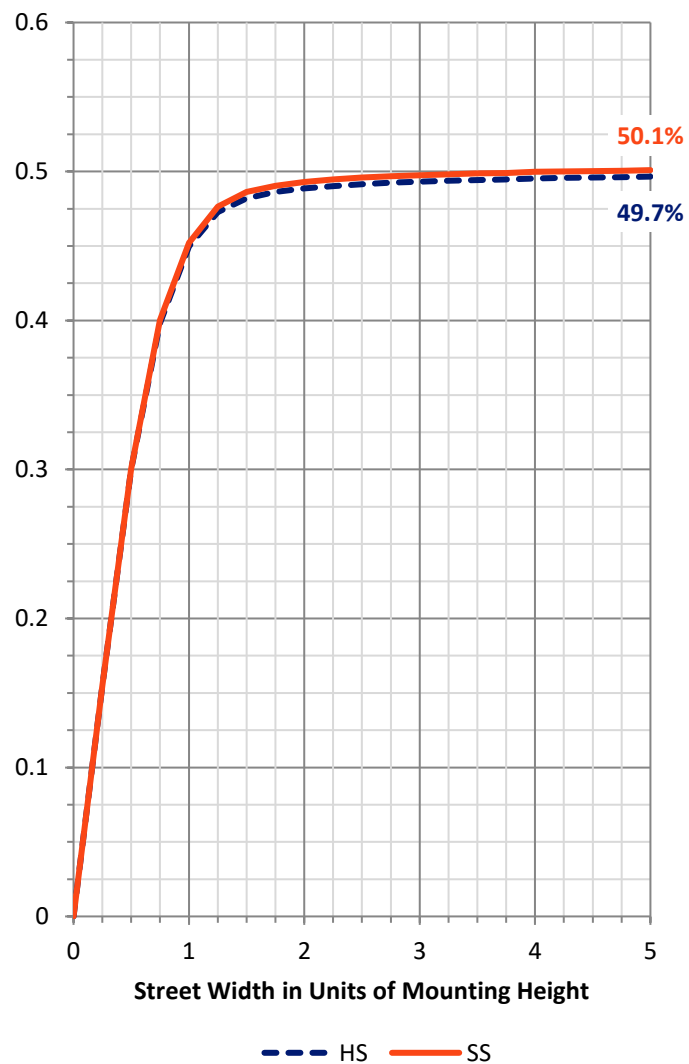
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	14821.5	0.0	14821.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	14821.5	0.0	14821.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	29643.0	0.0	29643.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	537.1	1.8
10°-20°	1642.2	5.5
20°-30°	2738.2	9.2
30°-40°	3765.9	12.7
40°-50°	4599.2	15.5
50°-60°	5319.4	17.9
60°-70°	6342.5	21.4
70°-80°	4426.7	14.9
80°-90°	271.9	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°	29643.0	100.0
0°-180°	29643.0	100.0

Coefficient of Utilization



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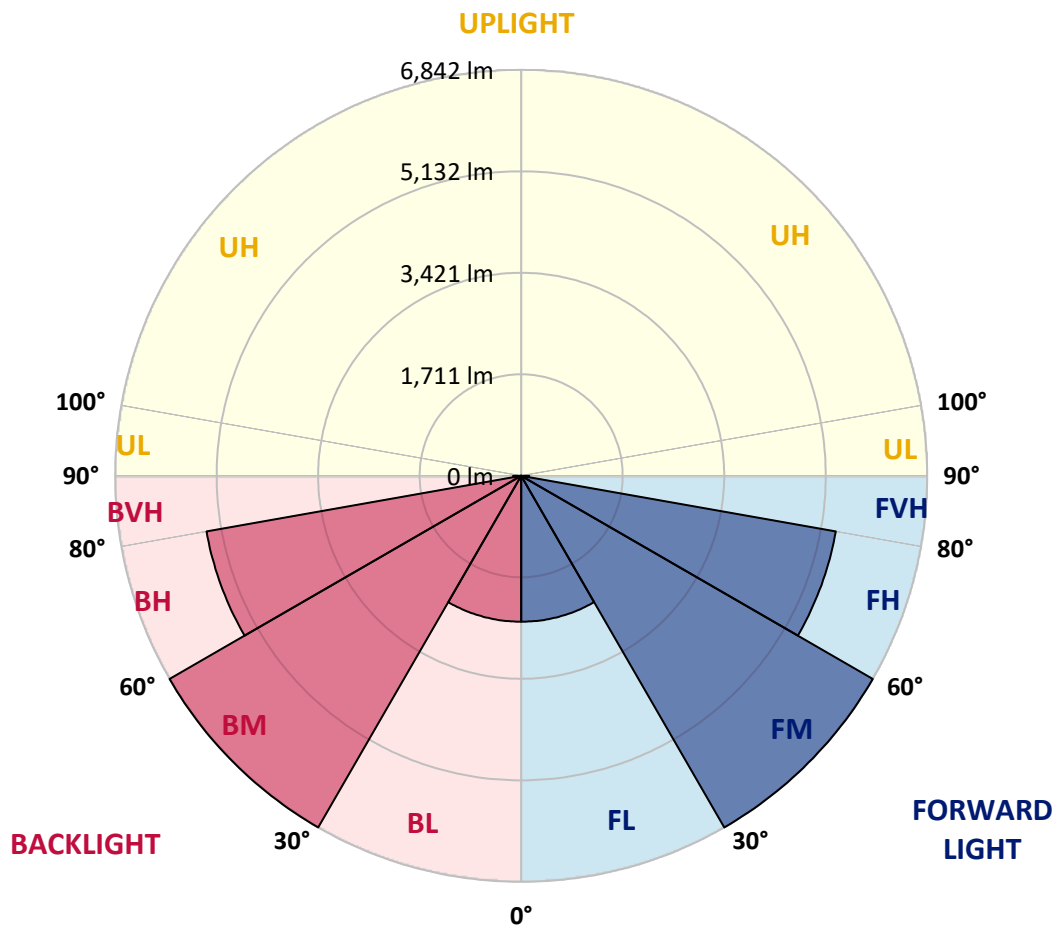
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2458.7	8.3			
FM	(30°-60°)	6842.2	23.1			
FH	(60°-80°)	5384.6	18.2			G3/7500
FVH	(80°-90°)	135.9	0.5			G2/225
BL	(0°-30°)	2458.7	8.3	B3/2500		
BM	(30°-60°)	6842.2	23.1	B4/8500		
BH	(60°-80°)	5384.6	18.2	B5		G5
BVH	(80°-90°)	135.9	0.5			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G5

Type I Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5539.1	5539.1	5539.1	5539.1	5539.1	5539.1	5539.1	5539.1	5539.1	5539.1
2.5°	5543.8	5550.1	5550.1	5545.4	5556.4	5547.0	5547.0	5542.3	5547.0	5542.3
5°	5572.2	5580.1	5583.2	5581.6	5595.8	5587.9	5587.9	5581.6	5583.2	5578.5
7.5°	5625.8	5636.8	5643.1	5651.0	5671.4	5662.0	5655.7	5636.8	5628.9	5616.3
10°	5643.1	5655.7	5676.2	5717.1	5764.4	5766.0	5747.1	5699.8	5663.6	5635.2
12.5°	5589.5	5606.8	5649.4	5732.9	5838.4	5881.0	5851.0	5772.3	5701.4	5651.0
15°	5521.8	5540.7	5605.3	5731.3	5887.3	5986.5	5983.4	5879.4	5766.0	5687.2
17.5°	5416.2	5435.1	5528.1	5704.5	5925.1	6088.9	6133.0	6025.9	5866.8	5761.2
20°	5225.6	5242.9	5372.1	5619.5	5937.7	6197.6	6312.6	6218.1	6019.6	5876.2
22.5°	4978.3	5005.0	5156.3	5472.9	5907.8	6311.1	6517.4	6452.8	6197.6	5999.1
25°	4713.6	4742.0	4918.4	5293.3	5830.6	6393.0	6760.0	6719.1	6399.3	6151.9
27.5°	4485.2	4515.1	4707.3	5115.3	5710.8	6424.5	6999.5	7020.0	6643.5	6320.5
30°	4305.6	4333.9	4538.7	4972.0	5556.4	6393.0	7209.0	7350.8	6892.4	6467.0
32.5°	4108.6	4144.9	4360.7	4797.1	5373.7	6317.4	7391.8	7708.4	7180.7	6624.6
35°	3859.7	3892.8	4119.7	4557.6	5134.2	6196.0	7544.6	8105.4	7593.4	6864.0
37.5°	3557.3	3588.8	3814.0	4258.3	4896.3	6025.9	7661.2	8552.8	8085.0	7209.0
40°	3253.2	3283.1	3494.2	3924.3	4611.2	5808.5	7702.1	8990.8	8648.9	7683.2
42.5°	2974.4	3001.1	3194.9	3595.1	4291.4	5531.2	7648.6	9372.1	9154.7	8014.1
45°	2717.6	2741.2	2912.9	3286.3	3959.0	5194.1	7487.9	9781.7	9756.5	8250.4
47.5°	2424.5	2448.2	2626.2	2987.0	3626.6	4798.7	7215.3	10185.0	10593.0	8786.0
50°	2066.9	2087.4	2270.2	2641.9	3281.6	4378.0	6837.2	10501.6	11648.5	9597.3
52.5°	1643.1	1665.2	1843.2	2215.0	2872.0	3925.9	6339.4	10708.0	12867.9	10782.0
55°	1222.5	1238.3	1392.7	1726.6	2364.7	3410.7	5715.6	10766.3	14251.1	12401.6
57.5°	887.0	896.4	995.7	1244.6	1792.8	2766.4	4957.8	10615.0	15897.4	14477.9
60°	718.4	721.5	751.5	861.7	1246.1	2038.6	4042.5	10095.2	17683.9	17154.5
62.5°	652.2	652.2	660.1	690.0	842.8	1345.4	2935.0	9017.6	19599.6	20536.9
65°	606.5	606.5	609.7	623.9	664.8	857.0	1852.7	7262.6	21214.3	24499.1
67.5°	565.6	567.1	565.6	570.3	593.9	633.3	1074.4	5016.1	22084.0	28604.5
70°	523.0	526.2	518.3	518.3	537.2	538.8	672.7	2750.6	21362.4	32045.2
72.5°	472.6	477.3	464.7	461.6	475.8	469.5	505.7	1320.2	18340.8	33072.4
75°	428.5	434.8	406.5	398.6	398.6	393.9	411.2	677.4	11903.7	26978.7
77.5°	389.1	401.7	356.0	330.8	324.5	310.4	335.6	414.3	5206.7	12666.2
80°	321.4	338.7	293.0	263.1	252.1	236.3	264.7	289.9	1548.6	2941.3
82.5°	239.5	247.3	208.0	187.5	178.0	167.0	198.5	201.7	504.1	1041.3
85°	152.8	156.0	127.6	110.3	105.6	100.8	126.0	110.3	192.2	765.6
87.5°	53.6	61.4	48.8	44.1	47.3	39.4	58.3	33.1	53.6	540.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

5539.1
5542.3
5578.5
5616.3
5630.5
5643.1
5674.6
5743.9
5849.5
5962.9
6101.5
6266.9
6389.8
6526.9
6755.3
7064.1
7528.8
7815.6
7982.6
8477.2
9209.8
10304.7
11804.5
13726.5
16207.7
19268.7
22895.3
26873.2
31589.9
34269.7
28856.6
12403.1
2816.8
1176.8
1112.2
669.5
0.0

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