

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: P851304

Luminaire Tested: **GLAN-SB9B-722-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P851304
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-2)
Test Lab: INNOVATION CENTER
Issue Date: 6/26/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB9B-722-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(9) 70 CRI, 2200K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 39677 lumens
Efficiency: N/A
Efficacy: 120.4 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

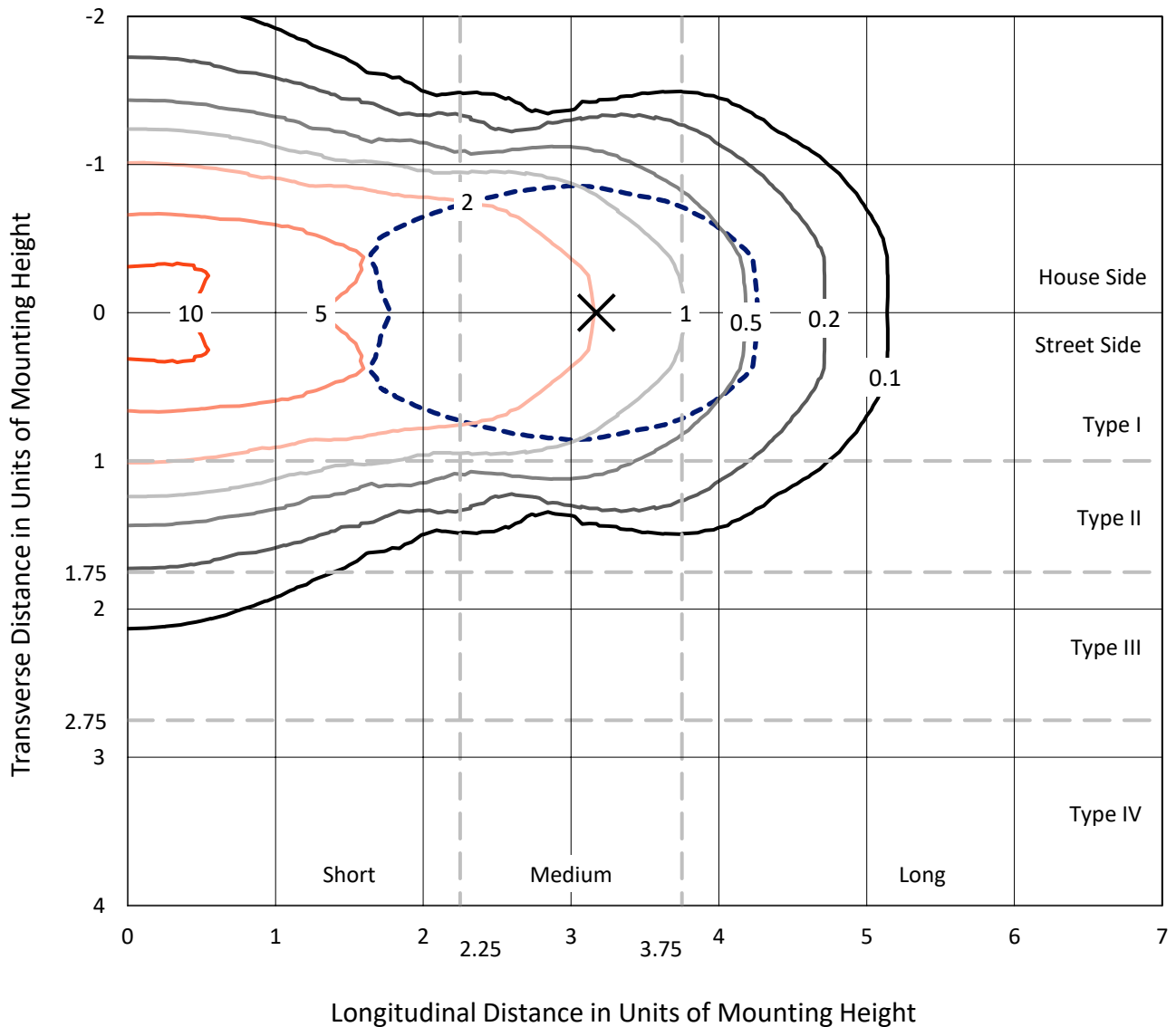
Input Watts (W): 329.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

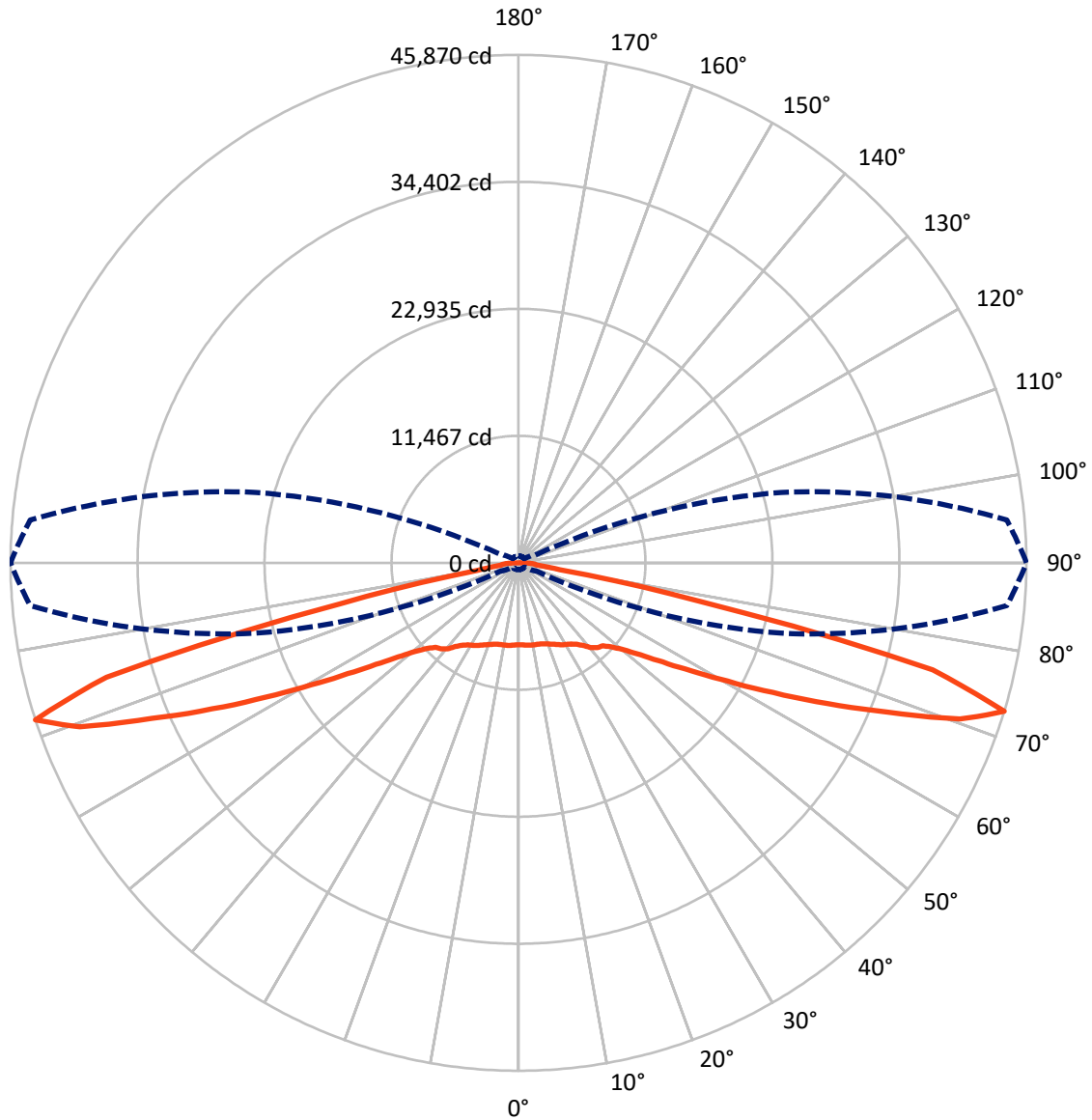
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.9 fc
 Type I - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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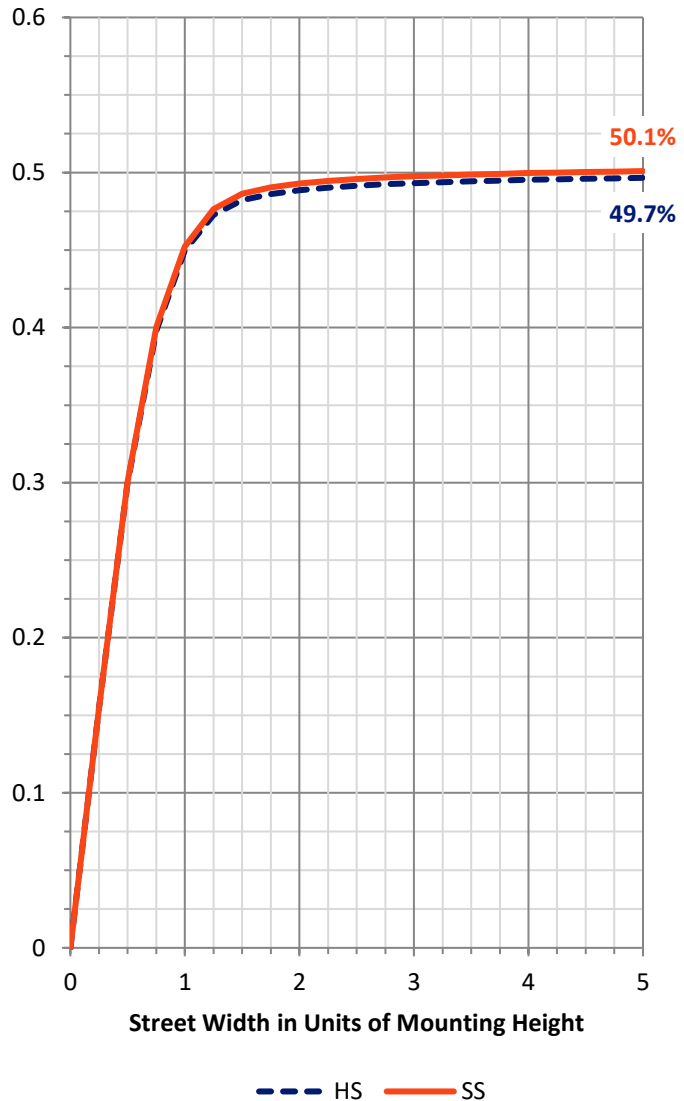
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	19838.5	0.0	19838.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	19838.5	0.0	19838.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	39677.0	0.0	39677.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	718.9	1.8
10°-20°	2198.1	5.5
20°-30°	3665.1	9.2
30°-40°	5040.6	12.7
40°-50°	6156.0	15.5
50°-60°	7120.0	17.9
60°-70°	8489.4	21.4
70°-80°	5925.1	14.9
80°-90°	363.9	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°	39677.0	100.0
0°-180°	39677.0	100.0

Coefficient of Utilization

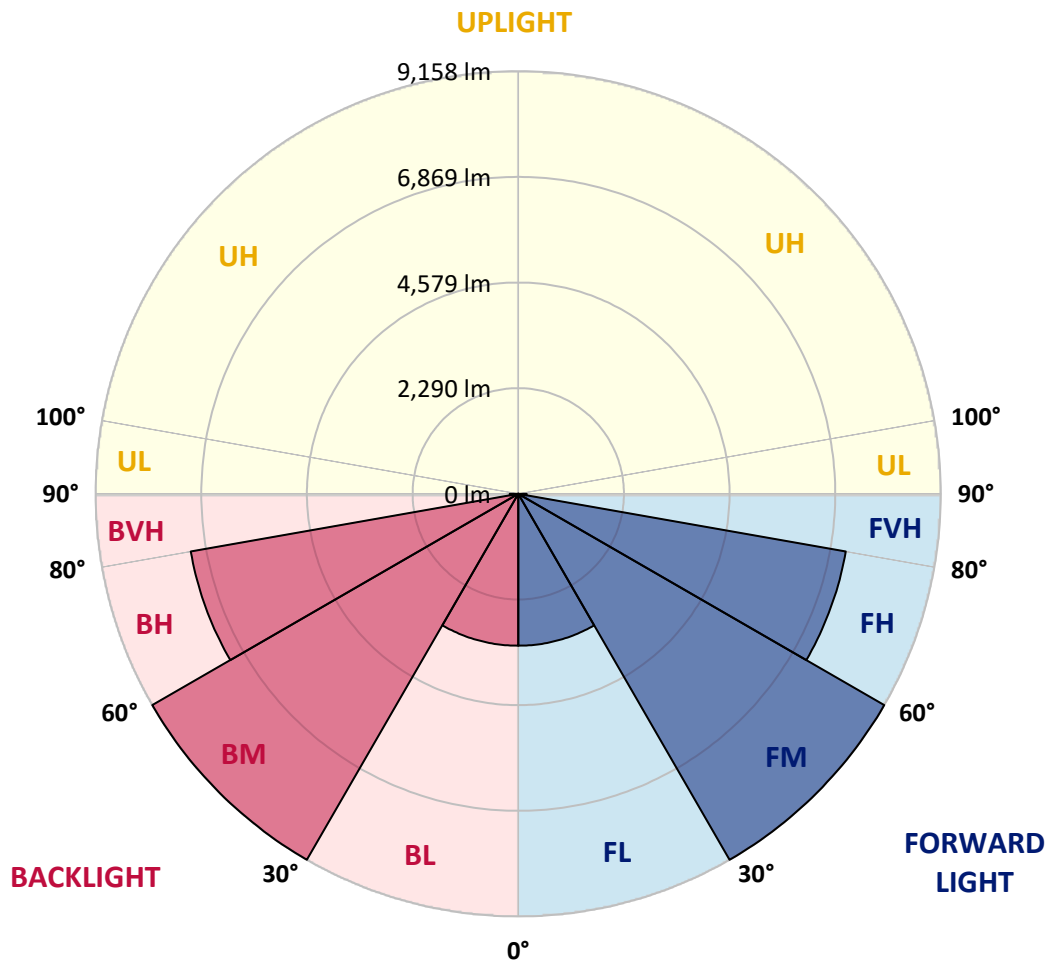


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3291.0	8.3			
FM (30°-60°)	9158.3	23.1			
FH (60°-80°)	7207.3	18.2			G3/7500
FVH (80°-90°)	182.0	0.5			G2/225
BL (0°-30°)	3291.0	8.3	B4/5000		
BM (30°-60°)	9158.3	23.1	B5		
BH (60°-80°)	7207.3	18.2	B5		G5
BVH (80°-90°)	182.0	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°	7414.1	7414.1	7414.1	7414.1	7414.1	7414.1	7414.1	7414.1	7414.1	7414.1
2.5°	7420.4	7428.8	7428.8	7422.5	7437.3	7424.6	7424.6	7418.3	7424.6	7418.3
5°	7458.3	7468.9	7473.1	7471.0	7490.0	7479.4	7479.4	7471.0	7473.1	7466.8
7.5°	7530.0	7544.8	7553.2	7563.8	7591.2	7578.5	7570.1	7544.8	7534.3	7517.4
10°	7553.2	7570.1	7597.5	7652.3	7715.6	7717.7	7692.4	7629.2	7580.7	7542.7
12.5°	7481.5	7504.7	7561.7	7673.4	7814.7	7871.6	7831.6	7726.1	7631.3	7563.8
15°	7390.9	7416.2	7502.6	7671.3	7880.1	8012.9	8008.7	7869.5	7717.7	7612.3
17.5°	7249.6	7274.9	7399.3	7635.5	7930.7	8150.0	8209.0	8065.6	7852.7	7711.4
20°	6994.4	7017.6	7190.5	7521.6	7947.6	8295.5	8449.4	8322.9	8057.2	7865.3
22.5°	6663.4	6699.2	6901.7	7325.5	7907.5	8447.3	8723.5	8637.1	8295.5	8029.8
25°	6309.1	6347.1	6583.3	7085.1	7804.2	8557.0	9048.3	8993.5	8565.4	8234.3
27.5°	6003.4	6043.4	6300.7	6846.8	7643.9	8599.1	9368.8	9396.2	8892.2	8460.0
30°	5763.0	5800.9	6075.1	6654.9	7437.3	8557.0	9649.3	9839.0	9225.4	8656.1
32.5°	5499.4	5547.9	5836.8	6420.9	7192.7	8455.7	9893.9	10317.7	9611.3	8866.9
35°	5166.2	5210.5	5514.2	6100.4	6872.1	8293.4	10098.4	10849.1	10163.8	9187.5
37.5°	4761.4	4803.5	5105.1	5699.7	6553.7	8065.6	10254.4	11447.9	10821.7	9649.3
40°	4354.4	4394.5	4677.0	5252.7	6172.1	7774.6	10309.3	12034.2	11576.6	10284.0
42.5°	3981.2	4017.0	4276.4	4812.0	5744.0	7403.5	10237.6	12544.4	12253.5	10726.8
45°	3637.4	3669.1	3898.9	4398.7	5299.1	6952.3	10022.5	13092.7	13059.0	11043.1
47.5°	3245.2	3276.9	3515.1	3998.0	4854.1	6423.0	9657.7	13632.5	14178.7	11760.0
50°	2766.6	2794.0	3038.6	3536.2	4392.3	5860.0	9151.6	14056.4	15591.5	12846.0
52.5°	2199.3	2228.9	2467.1	2964.8	3844.1	5254.8	8485.3	14332.6	17223.6	14431.7
55°	1636.3	1657.4	1864.1	2311.1	3165.1	4565.3	7650.2	14410.6	19075.0	16599.4
57.5°	1187.2	1199.8	1332.7	1665.8	2399.7	3702.8	6636.0	14208.2	21278.5	19378.6
60°	961.6	965.8	1005.8	1153.4	1668.0	2728.6	5410.8	13512.3	23669.8	22961.3
62.5°	873.0	873.0	883.5	923.6	1128.1	1800.8	3928.4	12070.0	26233.9	27488.6
65°	811.8	811.8	816.1	835.0	889.9	1147.1	2479.8	9720.9	28395.3	32791.9
67.5°	757.0	759.1	757.0	763.3	795.0	847.7	1438.1	6714.0	29559.3	38287.0
70°	700.1	704.3	693.8	693.8	719.1	721.2	900.4	3681.7	28593.5	42892.4
72.5°	632.6	638.9	622.1	617.8	636.8	628.4	676.9	1767.1	24549.1	44267.2
75°	573.6	582.0	544.0	533.5	533.5	527.2	550.4	906.7	15933.1	36110.9
77.5°	520.8	537.7	476.6	442.8	434.4	415.4	449.1	554.6	6969.1	16953.7
80°	430.2	453.4	392.2	352.1	337.4	316.3	354.3	388.0	2072.8	3936.9
82.5°	320.5	331.1	278.3	250.9	238.3	223.5	265.7	269.9	674.8	1393.8
85°	204.5	208.8	170.8	147.6	141.3	135.0	168.7	147.6	257.3	1024.8
87.5°	71.7	82.2	65.4	59.0	63.3	52.7	78.0	44.3	71.7	723.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

7414.1
7418.3
7466.8
7517.4
7536.4
7553.2
7595.4
7688.2
7829.5
7981.3
8166.9
8388.3
8552.7
8736.2
9042.0
9455.3
10077.3
10461.1
10684.6
11346.7
12327.3
13792.8
15800.2
18372.8
21693.9
25791.1
30645.2
35969.6
42283.0
45869.8
38624.4
16601.5
3770.3
1575.2
1488.7
896.2
0.0

OF REPORT)