

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: P845694

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

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P845694  
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-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: 3471 lumens  
Efficiency: N/A  
Efficacy: 112.3 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

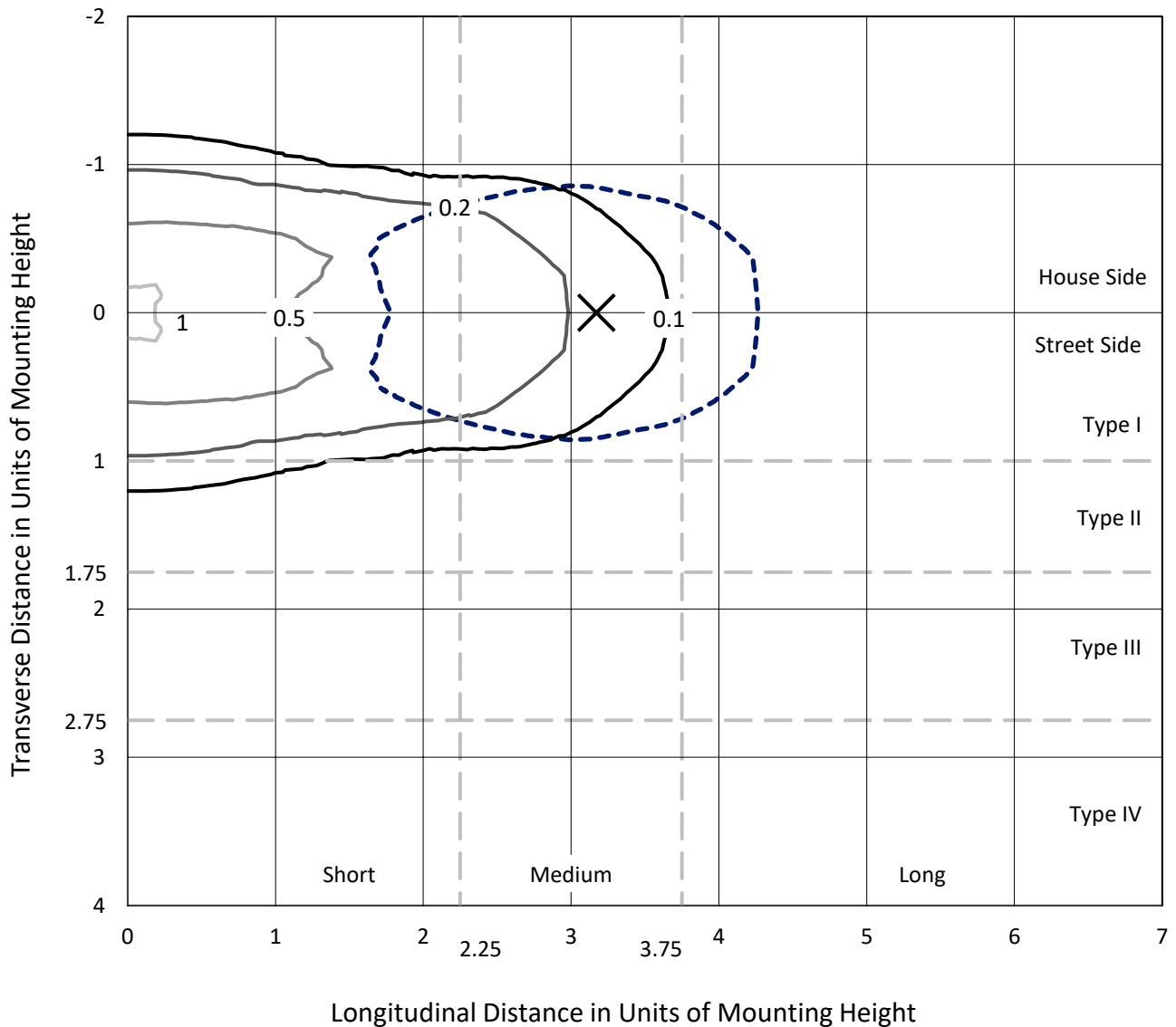
Input Watts (W): 30.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

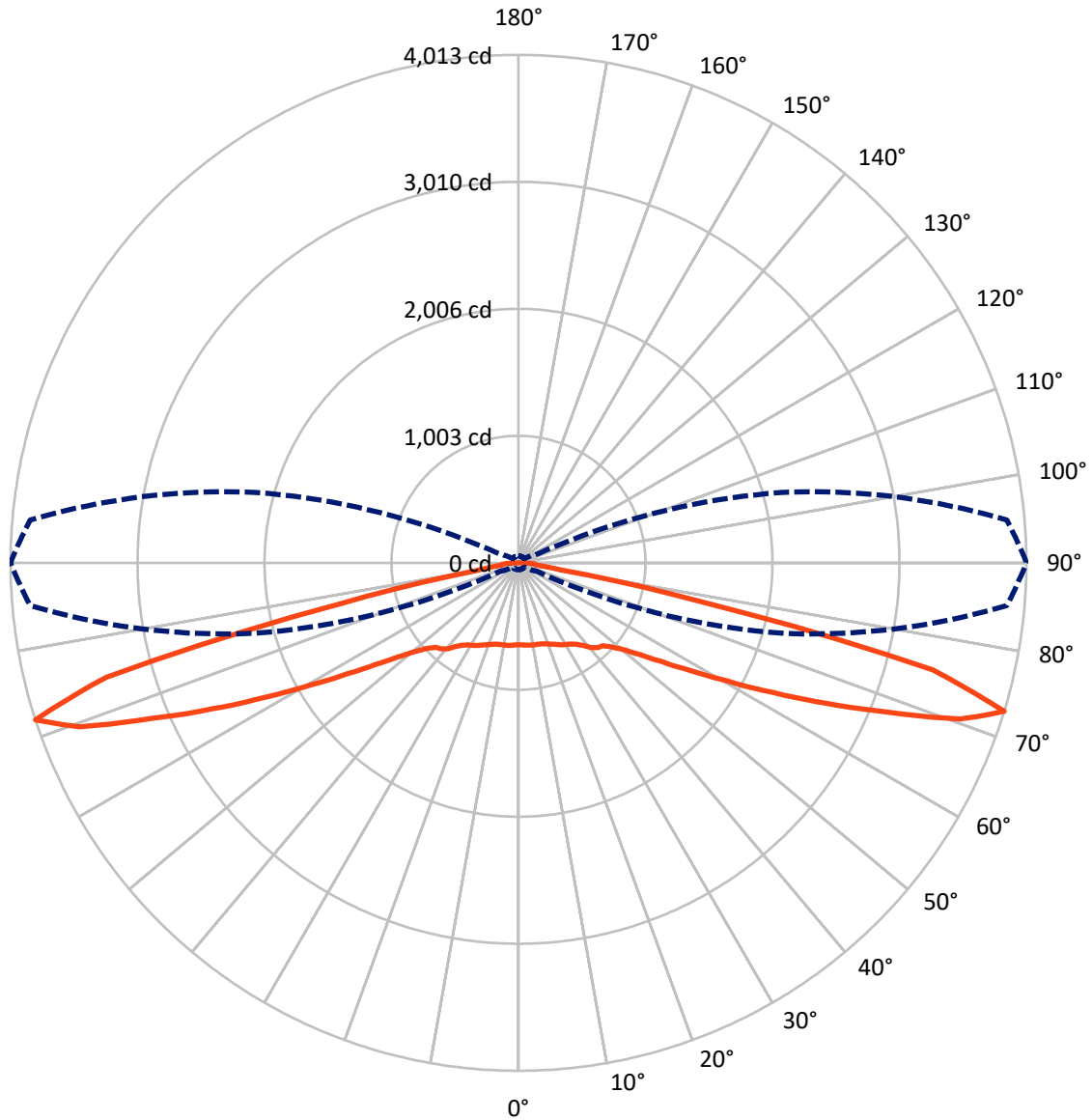
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1 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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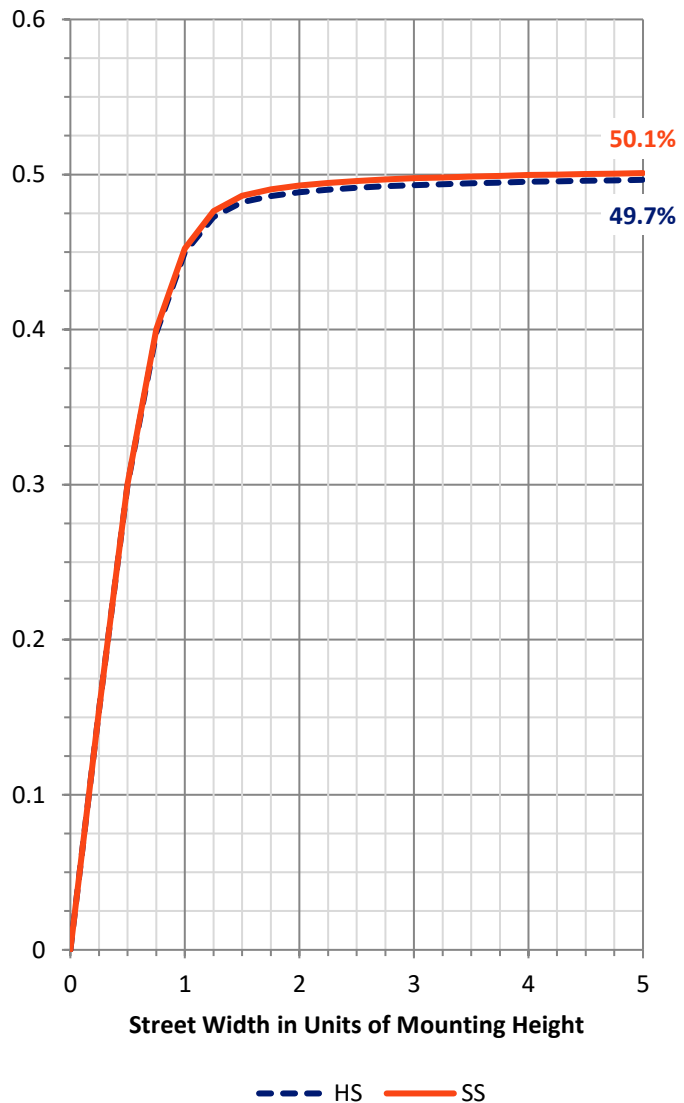
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1735.5	0.0	1735.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	1735.5	0.0	1735.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	3471.0	0.0	3471.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	62.9	1.8
10°-20°	192.3	5.5
20°-30°	320.6	9.2
30°-40°	441.0	12.7
40°-50°	538.5	15.5
50°-60°	622.9	17.9
60°-70°	742.7	21.4
70°-80°	518.3	14.9
80°-90°	31.8	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°	3471.0	100.0
0°-180°	3471.0	100.0

**Coefficient of Utilization**

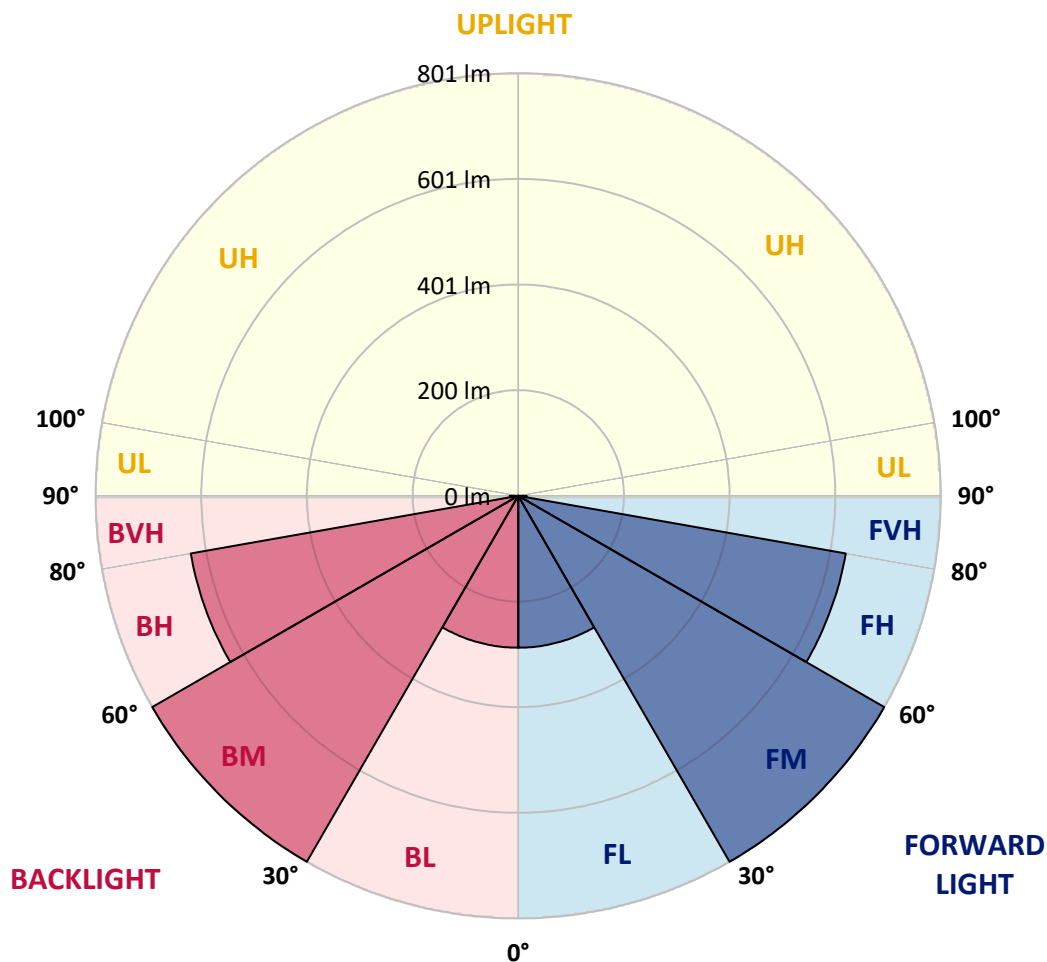


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	287.9	8.3			
FM (30°-60°)	801.2	23.1			
FH (60°-80°)	630.5	18.2			G0/660
FVH (80°-90°)	15.9	0.5			G1/100
BL (0°-30°)	287.9	8.3	B1/500		
BM (30°-60°)	801.2	23.1	B1/1000		
BH (60°-80°)	630.5	18.2	B2/1000		G2/1000
BVH (80°-90°)	15.9	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°
0°	648.6	648.6	648.6	648.6	648.6	648.6	648.6	648.6	648.6	648.6
2.5°	649.1	649.9	649.9	649.3	650.6	649.5	649.5	649.0	649.5	649.0
5°	652.5	653.4	653.8	653.6	655.2	654.3	654.3	653.6	653.8	653.2
7.5°	658.7	660.0	660.8	661.7	664.1	663.0	662.2	660.0	659.1	657.6
10°	660.8	662.2	664.6	669.4	675.0	675.2	672.9	667.4	663.2	659.8
12.5°	654.5	656.5	661.5	671.3	683.6	688.6	685.1	675.9	667.6	661.7
15°	646.6	648.8	656.3	671.1	689.4	701.0	700.6	688.4	675.2	665.9
17.5°	634.2	636.4	647.3	668.0	693.8	713.0	718.1	705.6	687.0	674.6
20°	611.9	613.9	629.0	658.0	695.3	725.7	739.2	728.1	704.9	688.1
22.5°	582.9	586.1	603.8	640.8	691.8	739.0	763.1	755.6	725.7	702.5
25°	551.9	555.3	575.9	619.8	682.7	748.6	791.6	786.8	749.3	720.4
27.5°	525.2	528.7	551.2	599.0	668.7	752.3	819.6	822.0	777.9	740.1
30°	504.2	507.5	531.5	582.2	650.6	748.6	844.1	860.7	807.1	757.2
32.5°	481.1	485.3	510.6	561.7	629.2	739.7	865.5	902.6	840.8	775.7
35°	451.9	455.8	482.4	533.7	601.2	725.5	883.4	949.1	889.1	803.7
37.5°	416.5	420.2	446.6	498.6	573.3	705.6	897.1	1001.5	946.7	844.1
40°	380.9	384.4	409.2	459.5	539.9	680.1	901.9	1052.8	1012.7	899.7
42.5°	348.3	351.4	374.1	421.0	502.5	647.7	895.6	1097.4	1071.9	938.4
45°	318.2	321.0	341.1	384.8	463.6	608.2	876.8	1145.4	1142.4	966.1
47.5°	283.9	286.7	307.5	349.8	424.6	561.9	844.9	1192.6	1240.4	1028.8
50°	242.0	244.4	265.8	309.4	384.2	512.6	800.6	1229.7	1364.0	1123.8
52.5°	192.4	195.0	215.8	259.4	336.3	459.7	742.3	1253.8	1506.7	1262.5
55°	143.1	145.0	163.1	202.2	276.9	399.4	669.3	1260.7	1668.7	1452.1
57.5°	103.9	105.0	116.6	145.7	209.9	323.9	580.5	1243.0	1861.5	1695.3
60°	84.1	84.5	88.0	100.9	145.9	238.7	473.3	1182.1	2070.7	2008.7
62.5°	76.4	76.4	77.3	80.8	98.7	157.5	343.7	1055.9	2295.0	2404.7
65°	71.0	71.0	71.4	73.0	77.8	100.4	216.9	850.4	2484.1	2868.7
67.5°	66.2	66.4	66.2	66.8	69.5	74.2	125.8	587.3	2585.9	3349.4
70°	61.2	61.6	60.7	60.7	62.9	63.1	78.8	322.1	2501.4	3752.3
72.5°	55.3	55.9	54.4	54.0	55.7	55.0	59.2	154.6	2147.6	3872.6
75°	50.2	50.9	47.6	46.7	46.7	46.1	48.1	79.3	1393.8	3159.0
77.5°	45.6	47.0	41.7	38.7	38.0	36.3	39.3	48.5	609.7	1483.1
80°	37.6	39.7	34.3	30.8	29.5	27.7	31.0	33.9	181.3	344.4
82.5°	28.0	29.0	24.3	22.0	20.8	19.6	23.2	23.6	59.0	121.9
85°	17.9	18.3	14.9	12.9	12.4	11.8	14.8	12.9	22.5	89.7
87.5°	6.3	7.2	5.7	5.2	5.5	4.6	6.8	3.9	6.3	63.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

648.6  
649.0  
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657.6  
659.3  
660.8  
664.5  
672.6  
684.9  
698.2  
714.4  
733.8  
748.2  
764.3  
791.0  
827.2  
881.6  
915.2  
934.7  
992.6  
1078.4  
1206.6  
1382.2  
1607.3  
1897.8  
2256.2  
2680.9  
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130.2  
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