

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: P847224

Luminaire Tested: **GLAN-SB3B-722-U-T1**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P847224  
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-SB3B-722-U-T1  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 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: 13070 lumens  
Efficiency: N/A  
Efficacy: 119.7 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type I - Short  
BUG Rating: B3 - U0 - G3

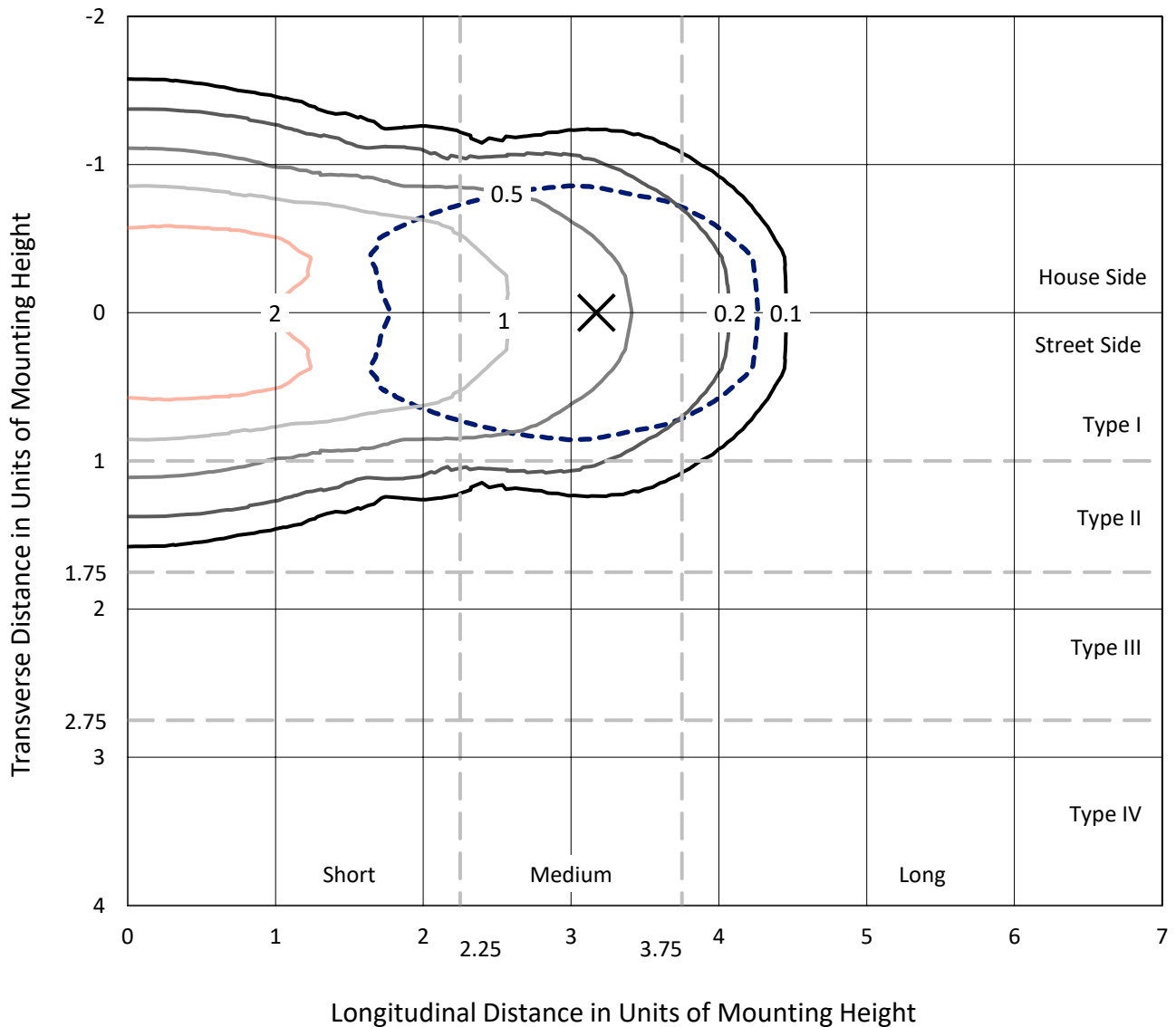
Input Watts (W): 109.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

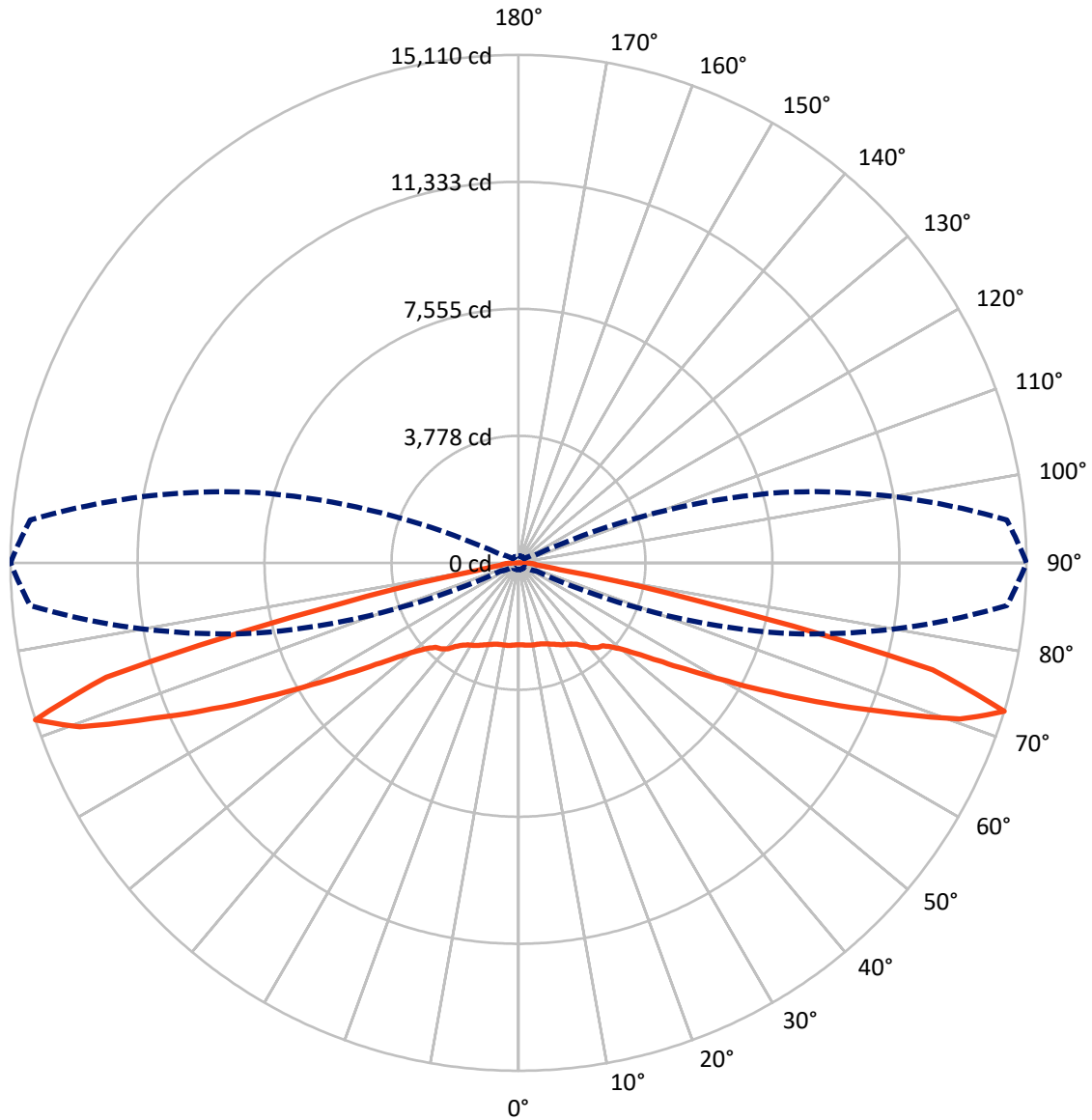
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.9 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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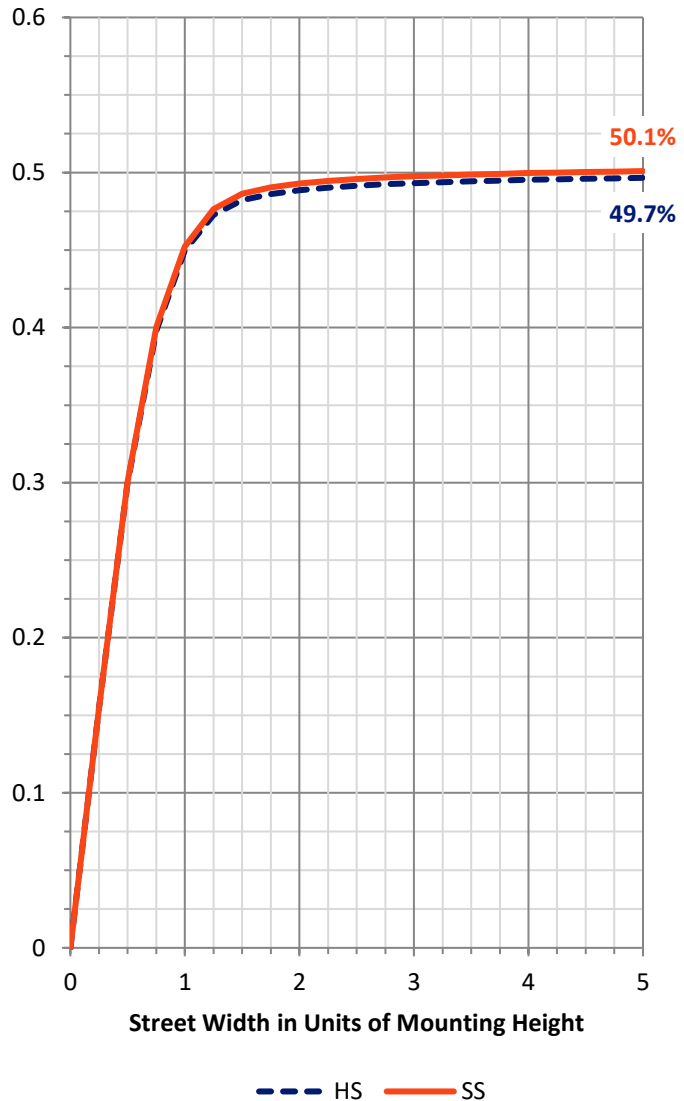
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	6535.0	0.0	6535.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	6535.0	0.0	6535.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	13070.0	0.0	13070.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	236.8	1.8
10°-20°	724.1	5.5
20°-30°	1207.3	9.2
30°-40°	1660.4	12.7
40°-50°	2027.8	15.5
50°-60°	2345.4	17.9
60°-70°	2796.5	21.4
70°-80°	1951.8	14.9
80°-90°	119.9	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°	13070.0	100.0
0°-180°	13070.0	100.0

**Coefficient of Utilization**



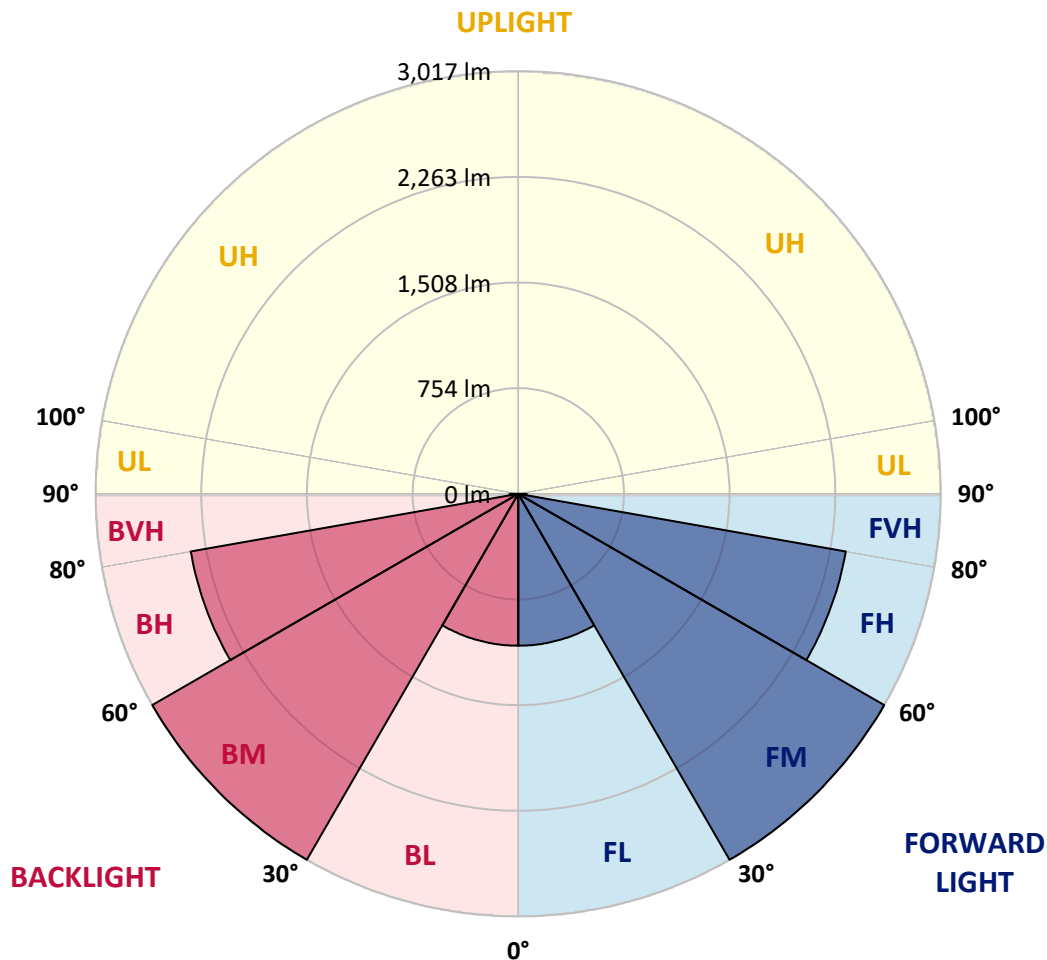
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1084.1	8.3			
FM (30°-60°)	3016.8	23.1			
FH (60°-80°)	2374.1	18.2			G2/5000
FVH (80°-90°)	59.9	0.5			G1/100
BL (0°-30°)	1084.1	8.3	B3/2500		
BM (30°-60°)	3016.8	23.1	B3/5000		
BH (60°-80°)	2374.1	18.2	B3/2500		G3/2500
BVH (80°-90°)	59.9	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G3**

Type I Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2442.3	2442.3	2442.3	2442.3	2442.3	2442.3	2442.3	2442.3	2442.3	2442.3
2.5°	2444.4	2447.1	2447.1	2445.0	2449.9	2445.7	2445.7	2443.7	2445.7	2443.7
5°	2456.9	2460.3	2461.7	2461.0	2467.3	2463.8	2463.8	2461.0	2461.7	2459.6
7.5°	2480.5	2485.3	2488.1	2491.6	2500.6	2496.4	2493.7	2485.3	2481.9	2476.3
10°	2488.1	2493.7	2502.7	2520.8	2541.6	2542.3	2534.0	2513.1	2497.1	2484.6
12.5°	2464.5	2472.1	2490.9	2527.7	2574.2	2593.0	2579.8	2545.1	2513.8	2491.6
15°	2434.6	2443.0	2471.4	2527.0	2595.8	2639.5	2638.1	2592.3	2542.3	2507.6
17.5°	2388.1	2396.4	2437.4	2515.2	2612.4	2684.7	2704.1	2656.9	2586.7	2540.2
20°	2304.0	2311.7	2368.6	2477.7	2618.0	2732.6	2783.3	2741.6	2654.1	2590.9
22.5°	2195.0	2206.8	2273.5	2413.1	2604.8	2782.6	2873.6	2845.1	2732.6	2645.1
25°	2078.3	2090.8	2168.6	2333.9	2570.8	2818.7	2980.6	2962.5	2821.5	2712.5
27.5°	1977.6	1990.8	2075.5	2255.4	2518.0	2832.6	3086.2	3095.2	2929.2	2786.8
30°	1898.4	1910.9	2001.2	2192.2	2449.9	2818.7	3178.6	3241.1	3038.9	2851.4
32.5°	1811.6	1827.5	1922.7	2115.1	2369.3	2785.4	3259.1	3398.8	3166.1	2920.9
35°	1701.8	1716.4	1816.4	2009.5	2263.8	2731.9	3326.5	3573.8	3348.0	3026.4
37.5°	1568.4	1582.3	1681.7	1877.5	2158.9	2656.9	3377.9	3771.1	3564.8	3178.6
40°	1434.4	1447.6	1540.7	1730.3	2033.1	2561.0	3396.0	3964.2	3813.4	3387.6
42.5°	1311.4	1323.2	1408.7	1585.1	1892.1	2438.8	3372.4	4132.3	4036.4	3533.5
45°	1198.2	1208.6	1284.3	1449.0	1745.6	2290.1	3301.5	4312.9	4301.8	3637.7
47.5°	1069.0	1079.4	1157.9	1317.0	1599.0	2115.8	3181.3	4490.7	4670.6	3873.9
50°	911.3	920.4	1000.9	1164.9	1446.9	1930.3	3014.6	4630.3	5136.0	4231.6
52.5°	724.5	734.2	812.7	976.6	1266.3	1731.0	2795.1	4721.3	5673.6	4753.9
55°	539.0	546.0	614.0	761.3	1042.6	1503.8	2520.1	4747.0	6283.5	5468.0
57.5°	391.1	395.2	439.0	548.7	790.5	1219.7	2186.0	4680.3	7009.4	6383.5
60°	316.7	318.1	331.3	380.0	549.4	898.8	1782.4	4451.1	7797.1	7563.7
62.5°	287.6	287.6	291.0	304.2	371.6	593.2	1294.1	3976.0	8641.7	9055.0
65°	267.4	267.4	268.8	275.1	293.1	377.9	816.9	3202.2	9353.7	10802.0
67.5°	249.4	250.1	249.4	251.5	261.9	279.2	473.7	2211.7	9737.1	12612.1
70°	230.6	232.0	228.5	228.5	236.9	237.6	296.6	1212.8	9419.0	14129.2
72.5°	208.4	210.5	204.9	203.5	209.8	207.0	223.0	582.1	8086.7	14582.1
75°	188.9	191.7	179.2	175.7	175.7	173.7	181.3	298.7	5248.5	11895.3
77.5°	171.6	177.1	157.0	145.9	143.1	136.8	148.0	182.7	2295.7	5584.7
80°	141.7	149.3	129.2	116.0	111.1	104.2	116.7	127.8	682.8	1296.8
82.5°	105.6	109.1	91.7	82.7	78.5	73.6	87.5	88.9	222.3	459.1
85°	67.4	68.8	56.3	48.6	46.5	44.5	55.6	48.6	84.7	337.6
87.5°	23.6	27.1	21.5	19.4	20.8	17.4	25.7	14.6	23.6	238.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

2442.3  
2443.7  
2459.6  
2476.3  
2482.6  
2488.1  
2502.0  
2532.6  
2579.1  
2629.1  
2690.2  
2763.2  
2817.4  
2877.8  
2978.5  
3114.7  
3319.6  
3446.0  
3519.6  
3737.7  
4060.7  
4543.5  
5204.8  
6052.2  
7146.2  
8495.8  
10094.8  
11848.7  
13928.4  
15110.0  
12723.3  
5468.7  
1242.0  
518.9  
490.4  
295.2  
0.0

OF REPORT)