

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: P849434

Luminaire Tested: **GLAN-SB6C-722-U-T1**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P849434  
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-SB6C-722-U-T1  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(6) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 35132 lumens  
Efficiency: N/A  
Efficacy: 116.8 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type I - Short  
BUG Rating: B5 - U0 - G5

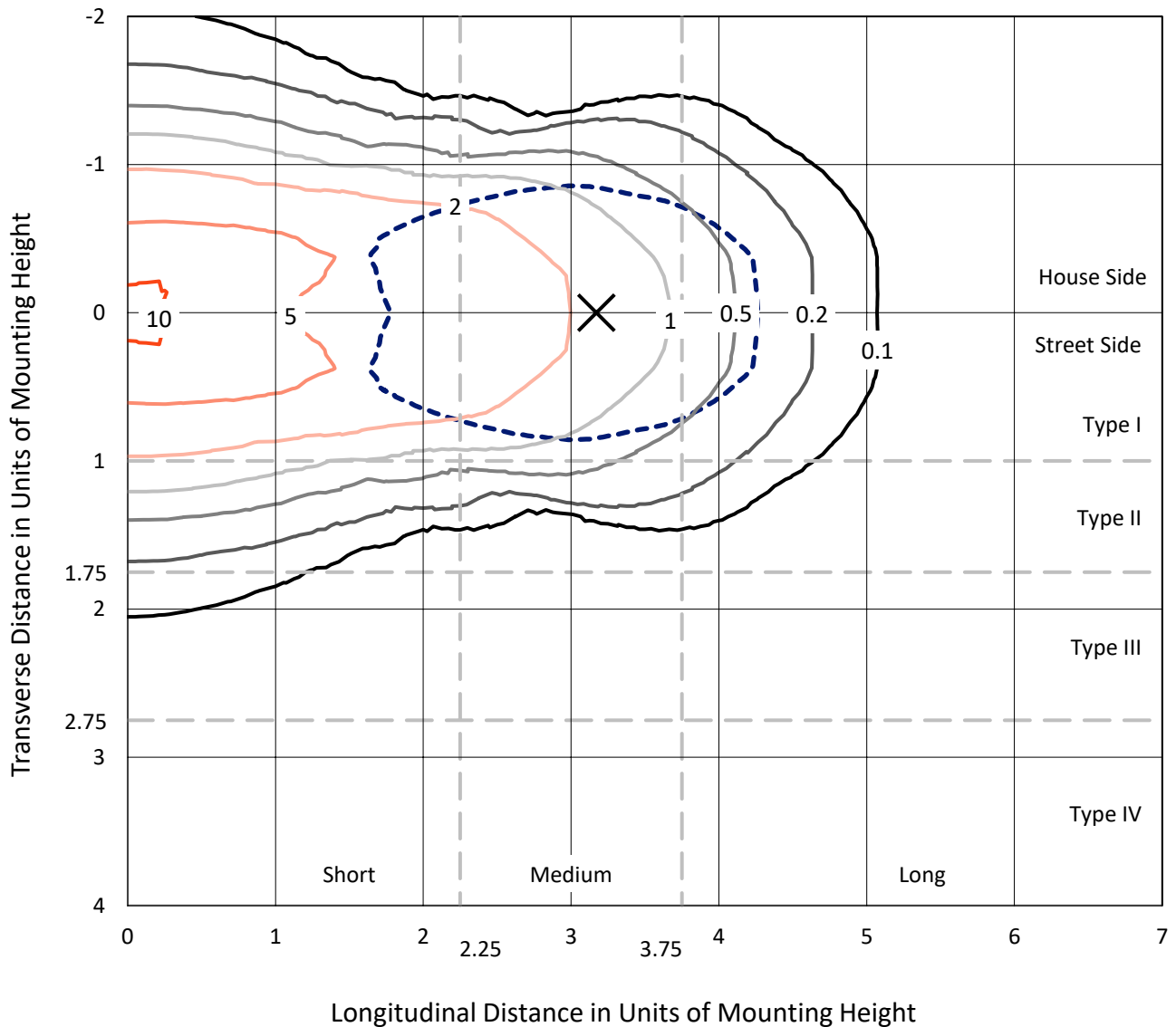
Input Watts (W): 300.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

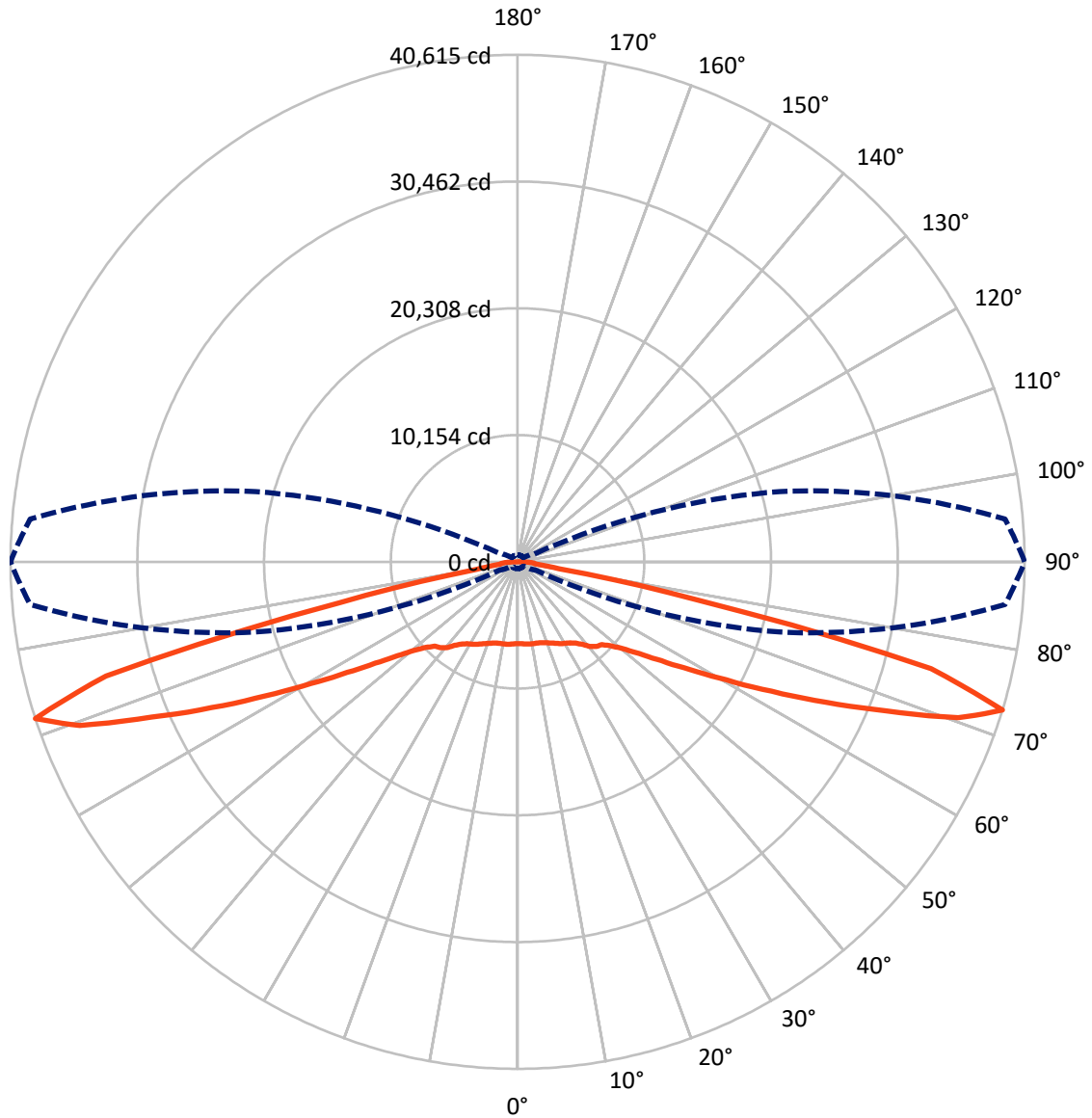
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.5 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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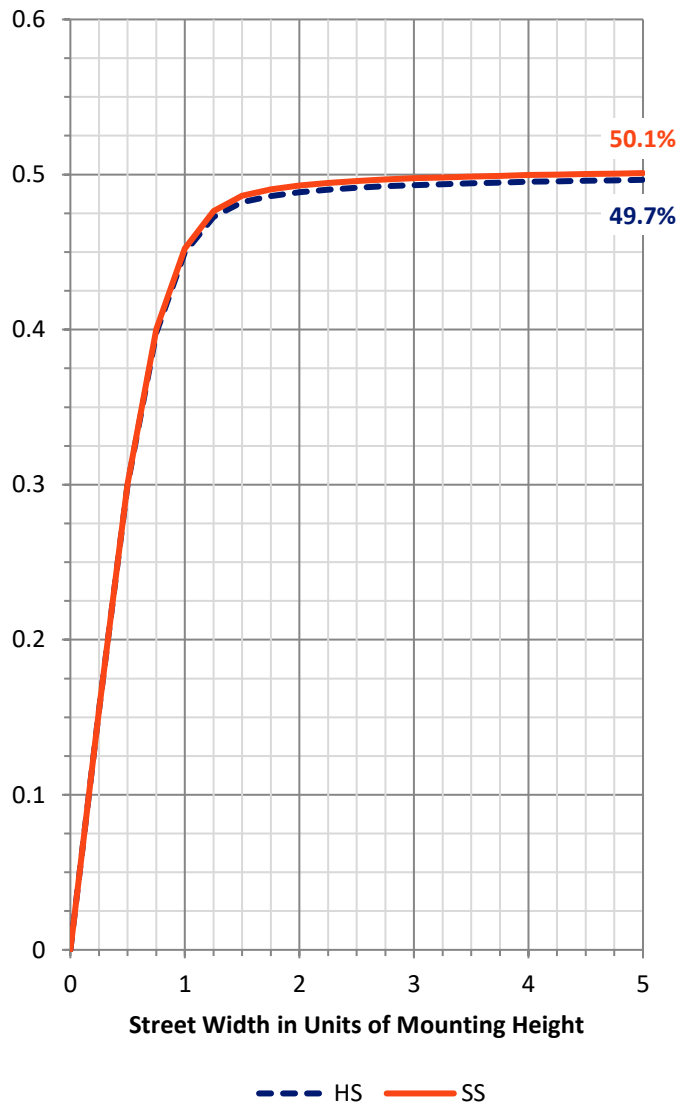
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	17566.0	0.0	17566.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	17566.0	0.0	17566.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	35132.0	0.0	35132.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	636.5	1.8
10°-20°	1946.3	5.5
20°-30°	3245.2	9.2
30°-40°	4463.2	12.7
40°-50°	5450.8	15.5
50°-60°	6304.4	17.9
60°-70°	7517.0	21.4
70°-80°	5246.4	14.9
80°-90°	322.2	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°	35132.0	100.0
0°-180°	35132.0	100.0

**Coefficient of Utilization**



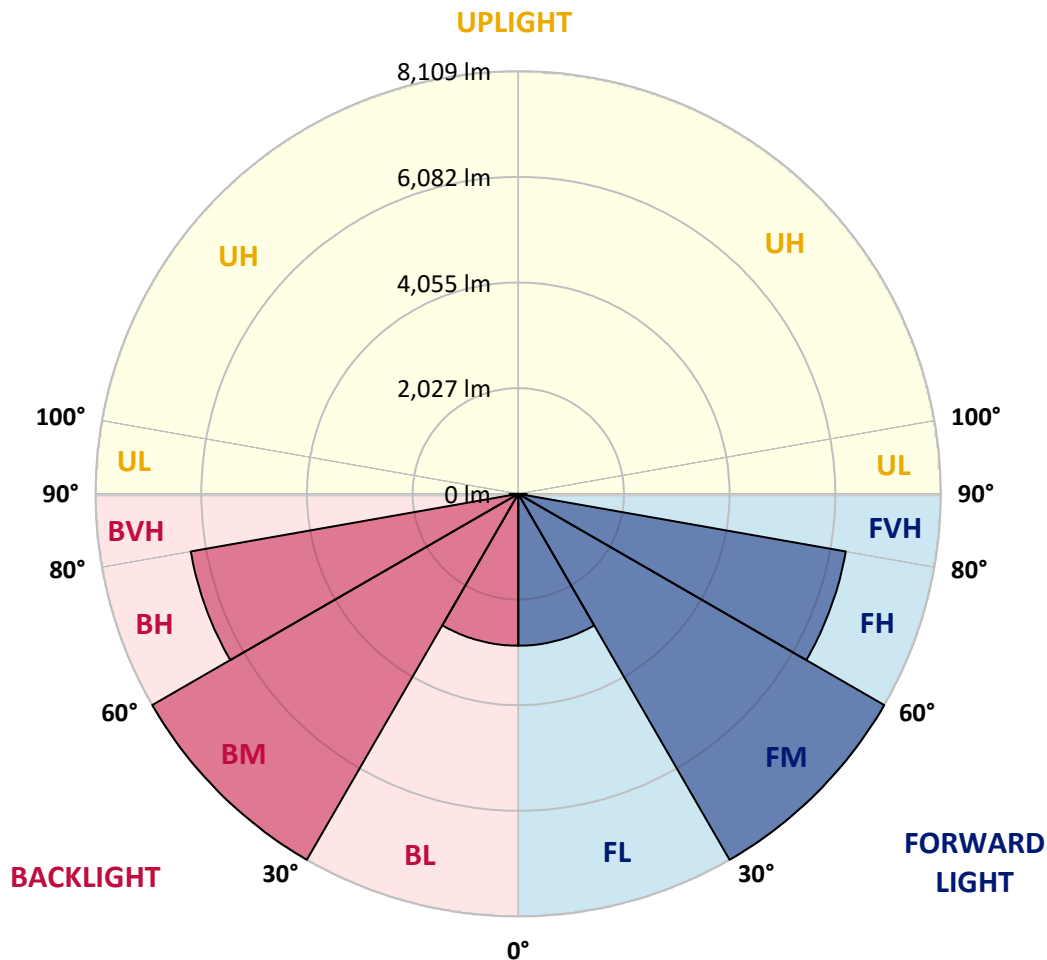
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2914.0	8.3			
FM (30°-60°)	8109.2	23.1			
FH (60°-80°)	6381.7	18.2			G3/7500
FVH (80°-90°)	161.1	0.5			G2/225
BL (0°-30°)	2914.0	8.3	B4/5000		
BM (30°-60°)	8109.2	23.1	B4/8500		
BH (60°-80°)	6381.7	18.2	B5		G5
BVH (80°-90°)	161.1	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°	6564.8	6564.8	6564.8	6564.8	6564.8	6564.8	6564.8	6564.8	6564.8	6564.8
2.5°	6570.4	6577.9	6577.9	6572.3	6585.3	6574.1	6574.1	6568.5	6574.1	6568.5
5°	6604.0	6613.3	6617.1	6615.2	6632.0	6622.7	6622.7	6615.2	6617.1	6611.5
7.5°	6667.5	6680.5	6688.0	6697.4	6721.6	6710.4	6703.0	6680.5	6671.2	6656.3
10°	6688.0	6703.0	6727.2	6775.8	6831.8	6833.6	6811.2	6755.2	6712.3	6678.7
12.5°	6624.5	6645.1	6695.5	6794.4	6919.5	6969.9	6934.5	6841.1	6757.1	6697.4
15°	6544.2	6566.7	6643.2	6792.6	6977.4	7095.0	7091.3	6968.1	6833.6	6740.3
17.5°	6419.1	6441.6	6551.7	6760.8	7022.2	7216.4	7268.7	7141.7	6953.1	6828.0
20°	6193.2	6213.8	6366.9	6660.0	7037.2	7345.2	7481.5	7369.5	7134.3	6964.3
22.5°	5900.1	5931.8	6111.1	6486.4	7001.7	7479.7	7724.3	7647.7	7345.2	7110.0
25°	5586.4	5620.0	5829.1	6273.5	6910.2	7576.8	8011.8	7963.3	7584.2	7291.1
27.5°	5315.7	5351.2	5578.9	6062.5	6768.3	7614.1	8295.6	8319.9	7873.6	7490.9
30°	5102.8	5136.4	5379.2	5892.6	6585.3	7576.8	8543.9	8712.0	8168.6	7664.5
32.5°	4869.4	4912.4	5168.2	5685.4	6368.7	7487.1	8760.5	9135.8	8510.3	7851.2
35°	4574.4	4613.6	4882.5	5401.6	6084.9	7343.4	8941.6	9606.3	8999.5	8135.0
37.5°	4216.0	4253.3	4520.3	5046.8	5803.0	7141.7	9079.8	10136.6	9582.0	8543.9
40°	3855.6	3891.1	4141.3	4651.0	5465.1	6884.1	9128.3	10655.6	10250.5	9105.9
42.5°	3525.1	3556.9	3786.5	4260.8	5086.0	6555.4	9064.9	11107.5	10849.8	9498.0
45°	3220.8	3248.8	3452.3	3894.8	4692.1	6155.9	8874.4	11592.9	11563.1	9778.1
47.5°	2873.5	2901.5	3112.5	3540.1	4298.1	5687.2	8551.4	12070.9	12554.5	10412.9
50°	2449.7	2473.9	2690.5	3131.2	3889.2	5188.7	8103.3	12446.2	13805.5	11374.5
52.5°	1947.4	1973.5	2184.5	2625.2	3403.8	4652.9	7513.3	12690.8	15250.6	12778.6
55°	1448.9	1467.6	1650.5	2046.4	2802.5	4042.3	6773.9	12759.9	16889.9	14697.9
57.5°	1051.2	1062.4	1180.0	1475.0	2124.8	3278.7	5875.8	12580.6	18841.1	17158.8
60°	851.4	855.1	890.6	1021.3	1476.9	2416.1	4791.0	11964.5	20958.4	20331.0
62.5°	773.0	773.0	782.3	817.8	998.9	1594.5	3478.4	10687.4	23228.8	24339.7
65°	718.8	718.8	722.6	739.4	787.9	1015.7	2195.7	8607.4	25142.6	29035.5
67.5°	670.3	672.2	670.3	675.9	703.9	750.6	1273.4	5944.9	26173.3	33901.3
70°	619.9	623.6	614.3	614.3	636.7	638.6	797.3	3260.0	25318.1	37979.0
72.5°	560.1	565.7	550.8	547.1	563.9	556.4	599.3	1564.6	21737.0	39196.4
75°	507.9	515.3	481.7	472.4	472.4	466.8	487.3	802.9	14107.9	31974.4
77.5°	461.2	476.1	422.0	392.1	384.6	367.8	397.7	491.1	6170.8	15011.6
80°	380.9	401.4	347.3	311.8	298.7	280.1	313.7	343.5	1835.4	3485.9
82.5°	283.8	293.1	246.5	222.2	211.0	197.9	235.3	239.0	597.5	1234.2
85°	181.1	184.8	151.2	130.7	125.1	119.5	149.4	130.7	227.8	907.4
87.5°	63.5	72.8	57.9	52.3	56.0	46.7	69.1	39.2	63.5	640.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

6564.8  
6568.5  
6611.5  
6656.3  
6673.1  
6688.0  
6725.4  
6807.5  
6932.6  
7067.0  
7231.3  
7427.4  
7573.0  
7735.5  
8006.2  
8372.2  
8923.0  
9262.8  
9460.7  
10047.0  
10915.2  
12212.8  
13990.3  
16268.2  
19208.9  
22836.7  
27134.8  
31849.3  
37439.4  
40615.4  
34200.0  
14699.8  
3338.4  
1394.7  
1318.2  
793.5  
0.0

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