

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: P845864

Luminaire Tested: **GLAN-SB1B-722-U-T1**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P845864  
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-SB1B-722-U-T1  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 70 CRI, 2200K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE I OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4358 lumens  
Efficiency: N/A  
Efficacy: 109.5 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

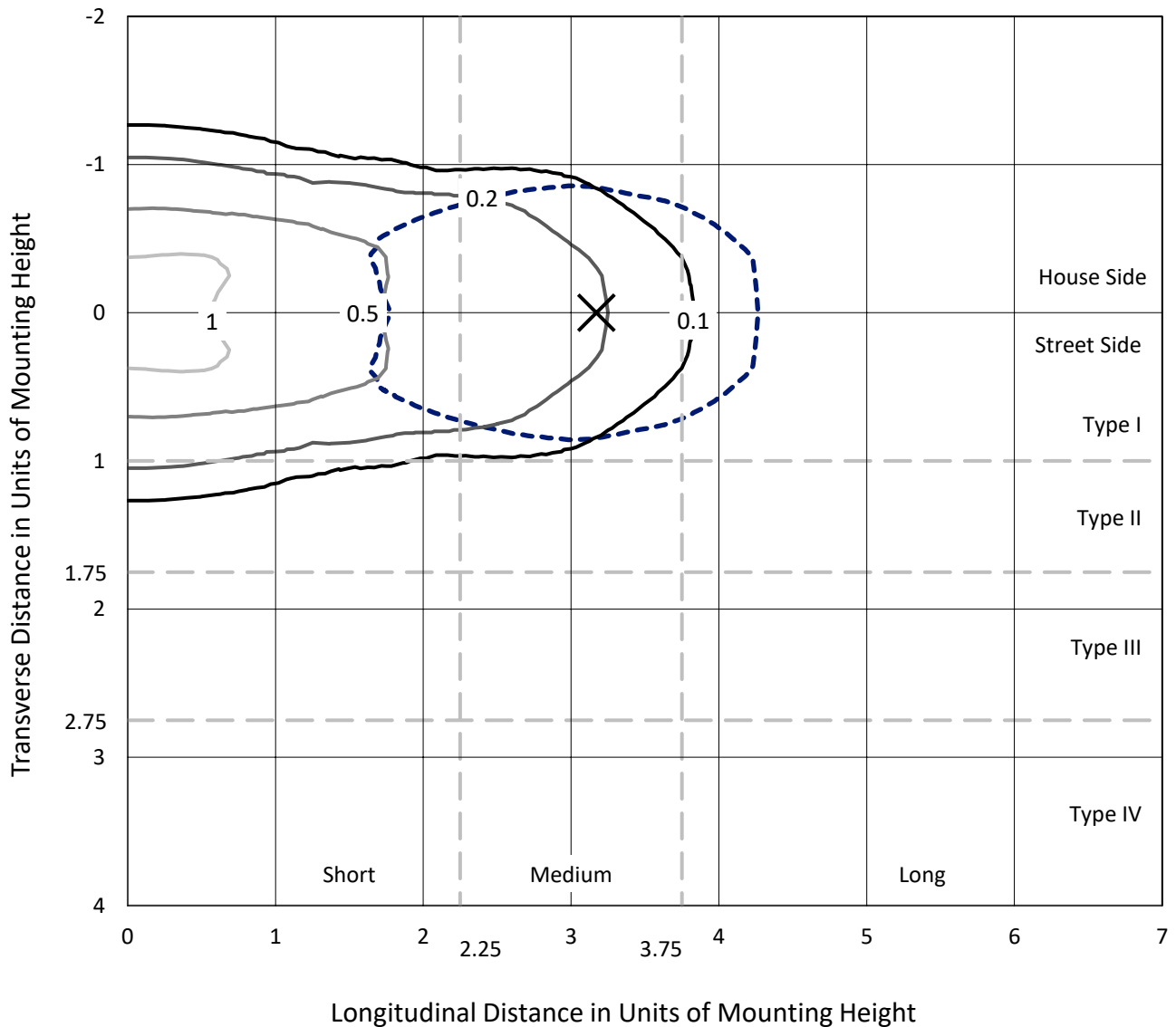
Input Watts (W): 39.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

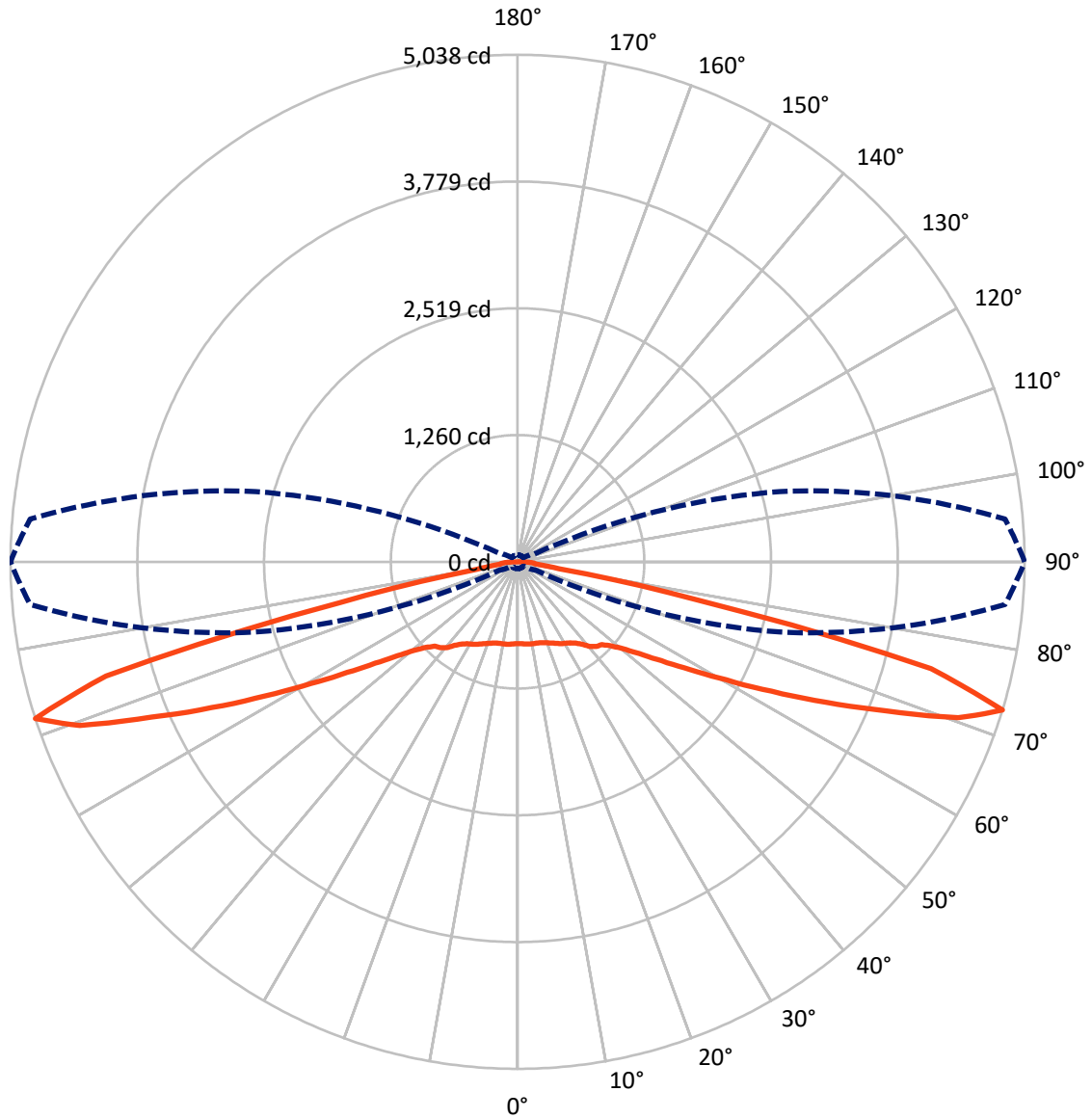
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.3 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	2179.0	0.0	2179.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	2179.0	0.0	2179.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	4358.0	0.0	4358.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	79.0	1.8
10°-20°	241.4	5.5
20°-30°	402.6	9.2
30°-40°	553.6	12.7
40°-50°	676.1	15.5
50°-60°	782.0	17.9
60°-70°	932.5	21.4
70°-80°	650.8	14.9
80°-90°	40.0	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°	4358.0	100.0
0°-180°	4358.0	100.0

**Coefficient of Utilization**

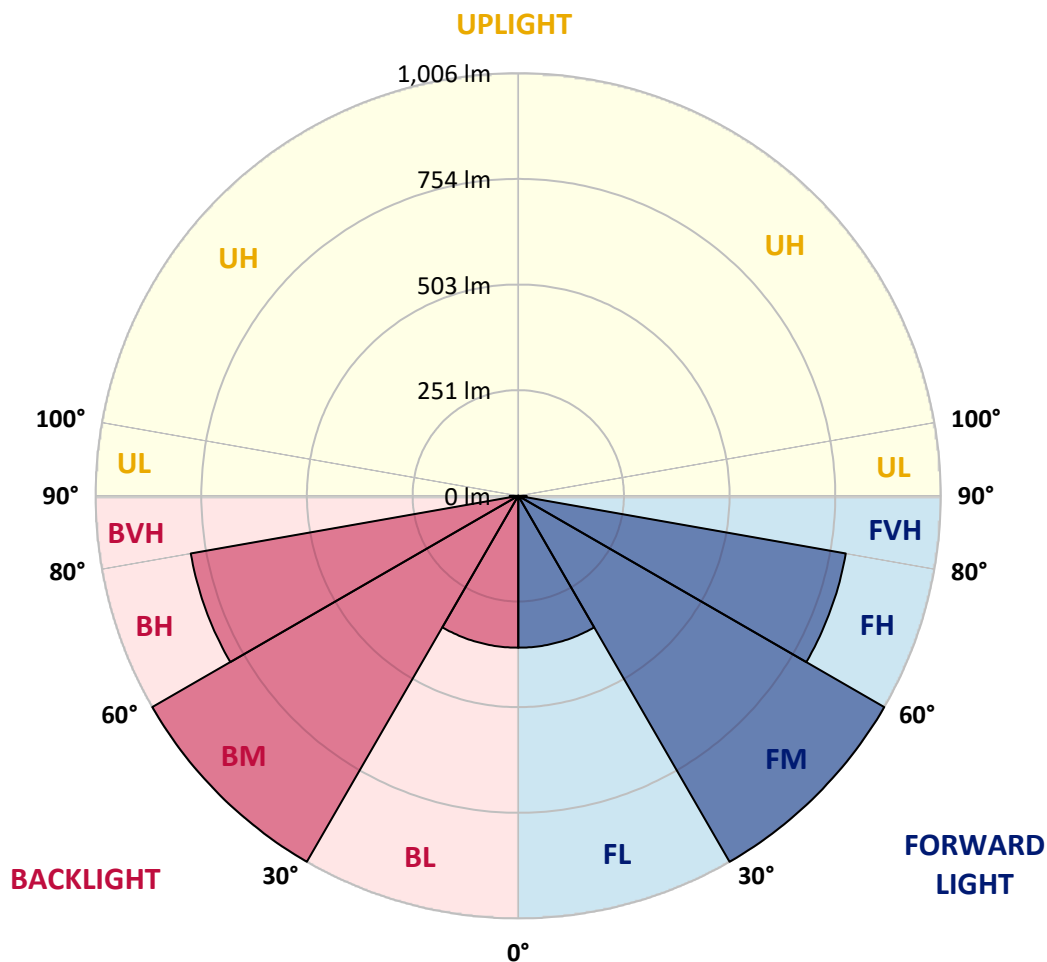


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	361.5	8.3			
FM (30°-60°)	1005.9	23.1			
FH (60°-80°)	791.6	18.2			G1/1800
FVH (80°-90°)	20.0	0.5			G1/100
BL (0°-30°)	361.5	8.3	B1/500		
BM (30°-60°)	1005.9	23.1	B2/2500		
BH (60°-80°)	791.6	18.2	B2/1000		G2/1000
BVH (80°-90°)	20.0	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°	814.3	814.3	814.3	814.3	814.3	814.3	814.3	814.3	814.3	814.3
2.5°	815.0	816.0	816.0	815.3	816.9	815.5	815.5	814.8	815.5	814.8
5°	819.2	820.4	820.8	820.6	822.7	821.5	821.5	820.6	820.8	820.1
7.5°	827.1	828.7	829.6	830.8	833.8	832.4	831.5	828.7	827.5	825.7
10°	829.6	831.5	834.5	840.5	847.5	847.7	844.9	838.0	832.6	828.5
12.5°	821.7	824.3	830.6	842.8	858.3	864.6	860.2	848.6	838.2	830.8
15°	811.8	814.6	824.1	842.6	865.5	880.1	879.7	864.4	847.7	836.1
17.5°	796.3	799.1	812.7	838.7	871.1	895.2	901.7	885.9	862.5	847.0
20°	768.2	770.8	789.8	826.2	872.9	911.2	928.1	914.2	885.0	863.9
22.5°	731.9	735.8	758.1	804.6	868.5	927.8	958.2	948.7	911.2	882.0
25°	693.0	697.1	723.1	778.2	857.2	939.9	993.8	987.8	940.8	904.4
27.5°	659.4	663.8	692.0	752.0	839.6	944.5	1029.0	1032.1	976.7	929.2
30°	633.0	637.2	667.3	731.0	816.9	939.9	1059.8	1080.7	1013.3	950.8
32.5°	604.0	609.4	641.1	705.3	790.0	928.8	1086.7	1133.3	1055.7	973.9
35°	567.4	572.3	605.7	670.0	754.8	910.9	1109.2	1191.6	1116.4	1009.1
37.5°	523.0	527.6	560.7	626.0	719.8	885.9	1126.3	1257.4	1188.6	1059.8
40°	478.3	482.7	513.7	576.9	677.9	853.9	1132.3	1321.8	1271.5	1129.6
42.5°	437.3	441.2	469.7	528.5	630.9	813.2	1124.5	1377.8	1345.9	1178.2
45°	399.5	403.0	428.2	483.1	582.0	763.6	1100.8	1438.1	1434.4	1212.9
47.5°	356.4	359.9	386.1	439.1	533.2	705.5	1060.8	1497.4	1557.3	1291.7
50°	303.9	306.9	333.7	388.4	482.4	643.6	1005.2	1543.9	1712.5	1411.0
52.5°	241.6	244.8	271.0	325.6	422.2	577.2	932.0	1574.2	1891.8	1585.1
55°	179.7	182.0	204.7	253.8	347.6	501.4	840.3	1582.8	2095.1	1823.2
57.5°	130.4	131.8	146.4	183.0	263.6	406.7	728.9	1560.6	2337.2	2128.5
60°	105.6	106.1	110.5	126.7	183.2	299.7	594.3	1484.2	2599.8	2522.0
62.5°	95.9	95.9	97.0	101.4	123.9	197.8	431.5	1325.7	2881.5	3019.3
65°	89.2	89.2	89.6	91.7	97.7	126.0	272.4	1067.7	3118.9	3601.8
67.5°	83.1	83.4	83.1	83.8	87.3	93.1	158.0	737.4	3246.7	4205.3
70°	76.9	77.4	76.2	76.2	79.0	79.2	98.9	404.4	3140.6	4711.2
72.5°	69.5	70.2	68.3	67.9	69.9	69.0	74.3	194.1	2696.4	4862.2
75°	63.0	63.9	59.8	58.6	58.6	57.9	60.5	99.6	1750.0	3966.3
77.5°	57.2	59.1	52.3	48.6	47.7	45.6	49.3	60.9	765.5	1862.1
80°	47.2	49.8	43.1	38.7	37.1	34.7	38.9	42.6	227.7	432.4
82.5°	35.2	36.4	30.6	27.6	26.2	24.6	29.2	29.6	74.1	153.1
85°	22.5	22.9	18.8	16.2	15.5	14.8	18.5	16.2	28.3	112.6
87.5°	7.9	9.0	7.2	6.5	6.9	5.8	8.6	4.9	7.9	79.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

814.3  
814.8  
820.1  
825.7  
827.8  
829.6  
834.3  
844.4  
860.0  
876.6  
897.0  
921.3  
939.4  
959.6  
993.1  
1038.5  
1106.9  
1149.0  
1173.6  
1246.3  
1354.0  
1515.0  
1735.4  
2018.0  
2382.8  
2832.8  
3366.0  
3950.8  
4644.2  
5038.2  
4242.4  
1823.5  
414.1  
173.0  
163.5  
98.4  
0.0

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