

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: P845994

Luminaire Tested: **GLAN-SB1B-930-U-T1**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P845994  
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-930-U-T1  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 90 CRI, 3000K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE I OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3759 lumens  
Efficiency: N/A  
Efficacy: 94.4 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

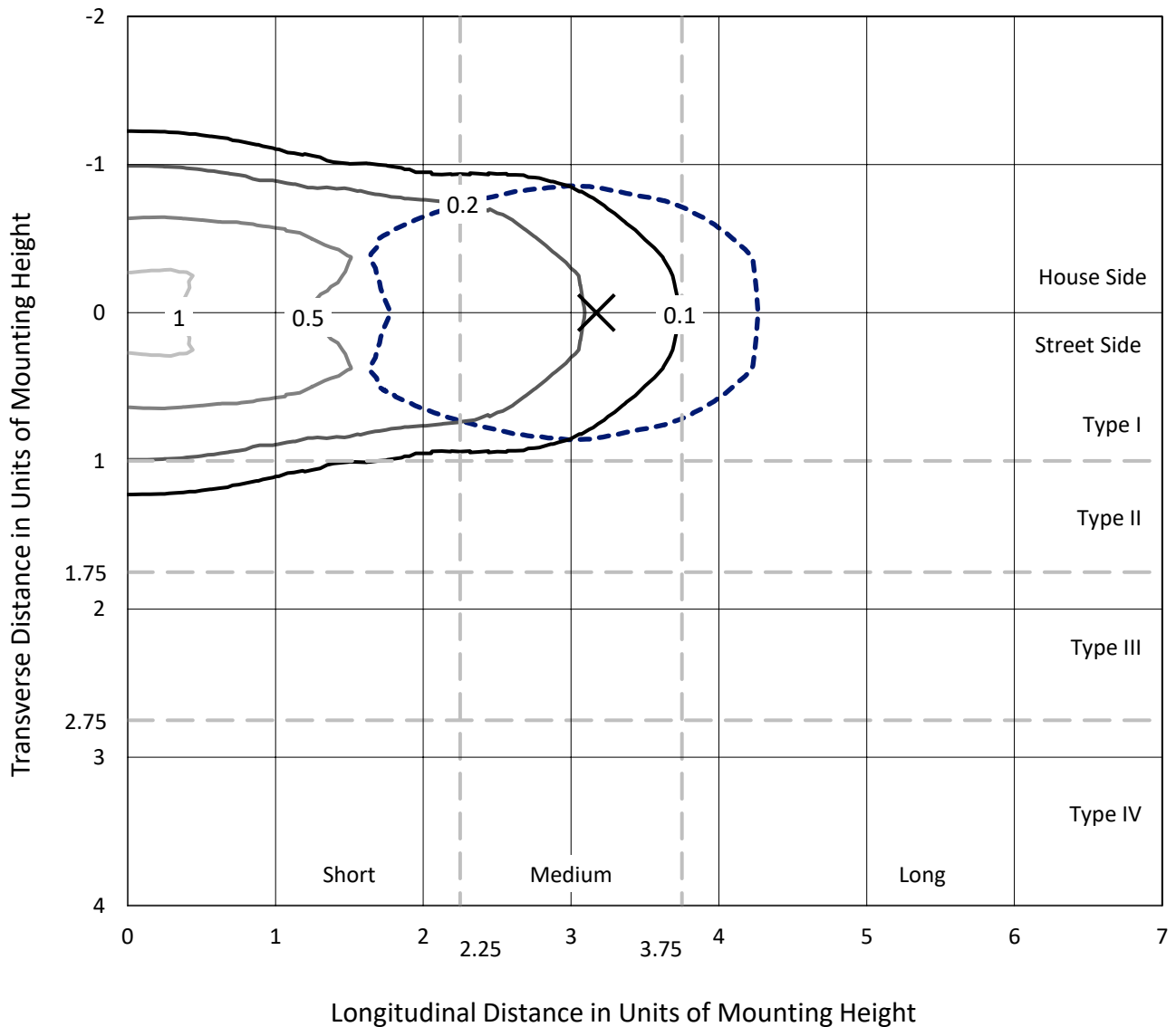
Input Watts (W): 39.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

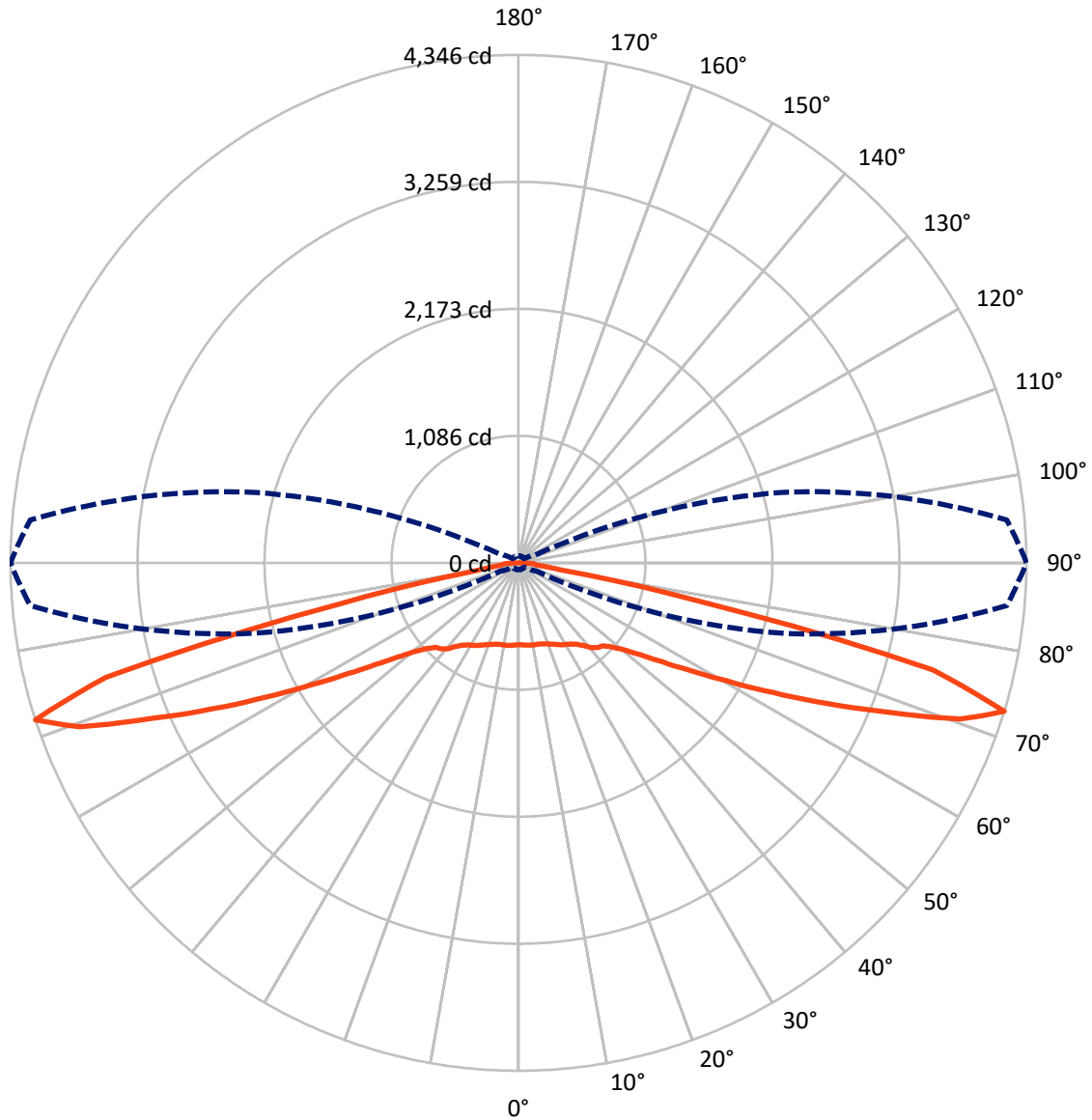
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.1 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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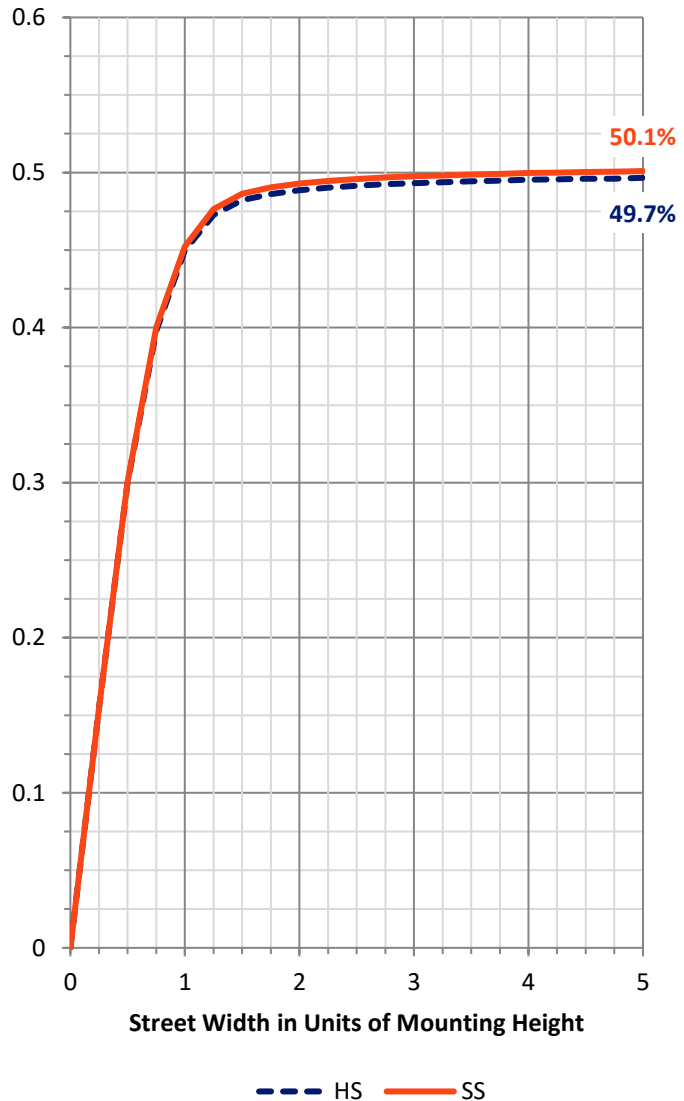
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1879.5	0.0	1879.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	1879.5	0.0	1879.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	3759.0	0.0	3759.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	68.1	1.8
10°-20°	208.2	5.5
20°-30°	347.2	9.2
30°-40°	477.5	12.7
40°-50°	583.2	15.5
50°-60°	674.6	17.9
60°-70°	804.3	21.4
70°-80°	561.3	14.9
80°-90°	34.5	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°	3759.0	100.0
0°-180°	3759.0	100.0

**Coefficient of Utilization**

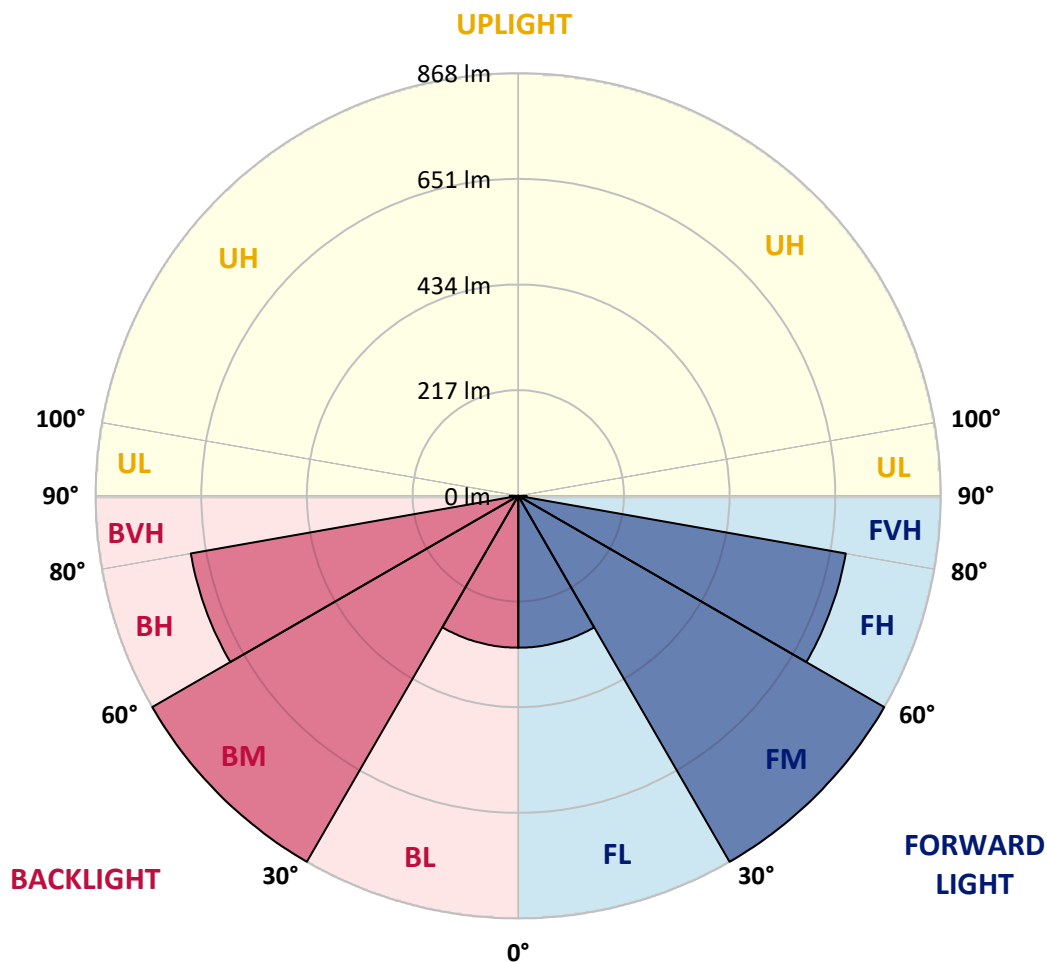


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	311.8	8.3			
FM (30°-60°)	867.7	23.1			
FH (60°-80°)	682.8	18.2			G1/1800
FVH (80°-90°)	17.2	0.5			G1/100
BL (0°-30°)	311.8	8.3	B1/500		
BM (30°-60°)	867.7	23.1	B1/1000		
BH (60°-80°)	682.8	18.2	B2/1000		G2/1000
BVH (80°-90°)	17.2	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°	702.4	702.4	702.4	702.4	702.4	702.4	702.4	702.4	702.4	702.4
2.5°	703.0	703.8	703.8	703.2	704.6	703.4	703.4	702.8	703.4	702.8
5°	706.6	707.6	708.0	707.8	709.6	708.6	708.6	707.8	708.0	707.4
7.5°	713.4	714.8	715.6	716.6	719.2	718.0	717.2	714.8	713.8	712.2
10°	715.6	717.2	719.8	725.0	731.0	731.2	728.8	722.8	718.2	714.6
12.5°	708.8	711.0	716.4	727.0	740.4	745.8	742.0	732.0	723.0	716.6
15°	700.2	702.6	710.8	726.8	746.6	759.1	758.7	745.6	731.2	721.2
17.5°	686.8	689.2	701.0	723.4	751.4	772.1	777.7	764.1	744.0	730.6
20°	662.7	664.9	681.2	712.6	753.0	785.9	800.5	788.5	763.3	745.2
22.5°	631.3	634.7	653.9	694.0	749.2	800.3	826.5	818.3	785.9	760.7
25°	597.7	601.3	623.7	671.2	739.4	810.7	857.2	852.0	811.5	780.1
27.5°	568.8	572.6	596.9	648.7	724.2	814.7	887.6	890.2	842.5	801.5
30°	546.0	549.6	575.6	630.5	704.6	810.7	914.2	932.2	874.0	820.1
32.5°	521.0	525.6	553.0	608.3	681.4	801.1	937.3	977.5	910.6	840.1
35°	489.4	493.6	522.4	577.9	651.1	785.7	956.7	1027.8	962.9	870.4
37.5°	451.1	455.1	483.7	540.0	620.9	764.1	971.5	1084.6	1025.2	914.2
40°	412.5	416.3	443.1	497.6	584.7	736.6	976.7	1140.1	1096.8	974.3
42.5°	377.2	380.6	405.1	455.9	544.2	701.4	969.9	1188.5	1160.9	1016.3
45°	344.6	347.6	369.4	416.7	502.0	658.7	949.5	1240.4	1237.2	1046.2
47.5°	307.5	310.5	333.0	378.8	459.9	608.5	915.0	1291.5	1343.3	1114.1
50°	262.1	264.7	287.9	335.0	416.1	555.2	867.0	1331.7	1477.1	1217.0
52.5°	208.4	211.2	233.7	280.9	364.2	497.8	803.9	1357.9	1631.8	1367.3
55°	155.0	157.0	176.6	219.0	299.9	432.5	724.8	1365.3	1807.2	1572.6
57.5°	112.5	113.7	126.3	157.8	227.3	350.8	628.7	1346.1	2015.9	1835.9
60°	91.1	91.5	95.3	109.3	158.0	258.5	512.6	1280.2	2242.5	2175.3
62.5°	82.7	82.7	83.7	87.5	106.9	170.6	372.2	1143.5	2485.4	2604.3
65°	76.9	76.9	77.3	79.1	84.3	108.7	234.9	921.0	2690.2	3106.7
67.5°	71.7	71.9	71.7	72.3	75.3	80.3	136.2	636.1	2800.4	3627.3
70°	66.3	66.7	65.7	65.7	68.1	68.3	85.3	348.8	2708.9	4063.6
72.5°	59.9	60.5	58.9	58.5	60.3	59.5	64.1	167.4	2325.8	4193.9
75°	54.3	55.1	51.5	50.5	50.5	49.9	52.1	85.9	1509.5	3421.1
77.5°	49.3	50.9	45.1	42.0	41.2	39.4	42.6	52.5	660.3	1606.2
80°	40.8	43.0	37.2	33.4	32.0	30.0	33.6	36.8	196.4	373.0
82.5°	30.4	31.4	26.4	23.8	22.6	21.2	25.2	25.6	63.9	132.1
85°	19.4	19.8	16.2	14.0	13.4	12.8	16.0	14.0	24.4	97.1
87.5°	6.8	7.8	6.2	5.6	6.0	5.0	7.4	4.2	6.8	68.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

702.4  
702.8  
707.4  
712.2  
714.0  
715.6  
719.6  
728.4  
741.8  
756.1  
773.7  
794.7  
810.3  
827.7  
856.6  
895.8  
954.7  
991.1  
1012.3  
1075.0  
1167.9  
1306.7  
1496.9  
1740.6  
2055.3  
2443.4  
2903.3  
3407.8  
4005.9  
4345.7  
3659.3  
1572.8  
357.2  
149.2  
141.0  
84.9  
0.0

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