

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: P851434

Luminaire Tested: **GLAN-SB9B-930-U-T1**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P851434  
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-SB9B-930-U-T1  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(9) 90 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 34231 lumens  
Efficiency: N/A  
Efficacy: 103.9 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type I - Short  
BUG Rating: B5 - U0 - G5

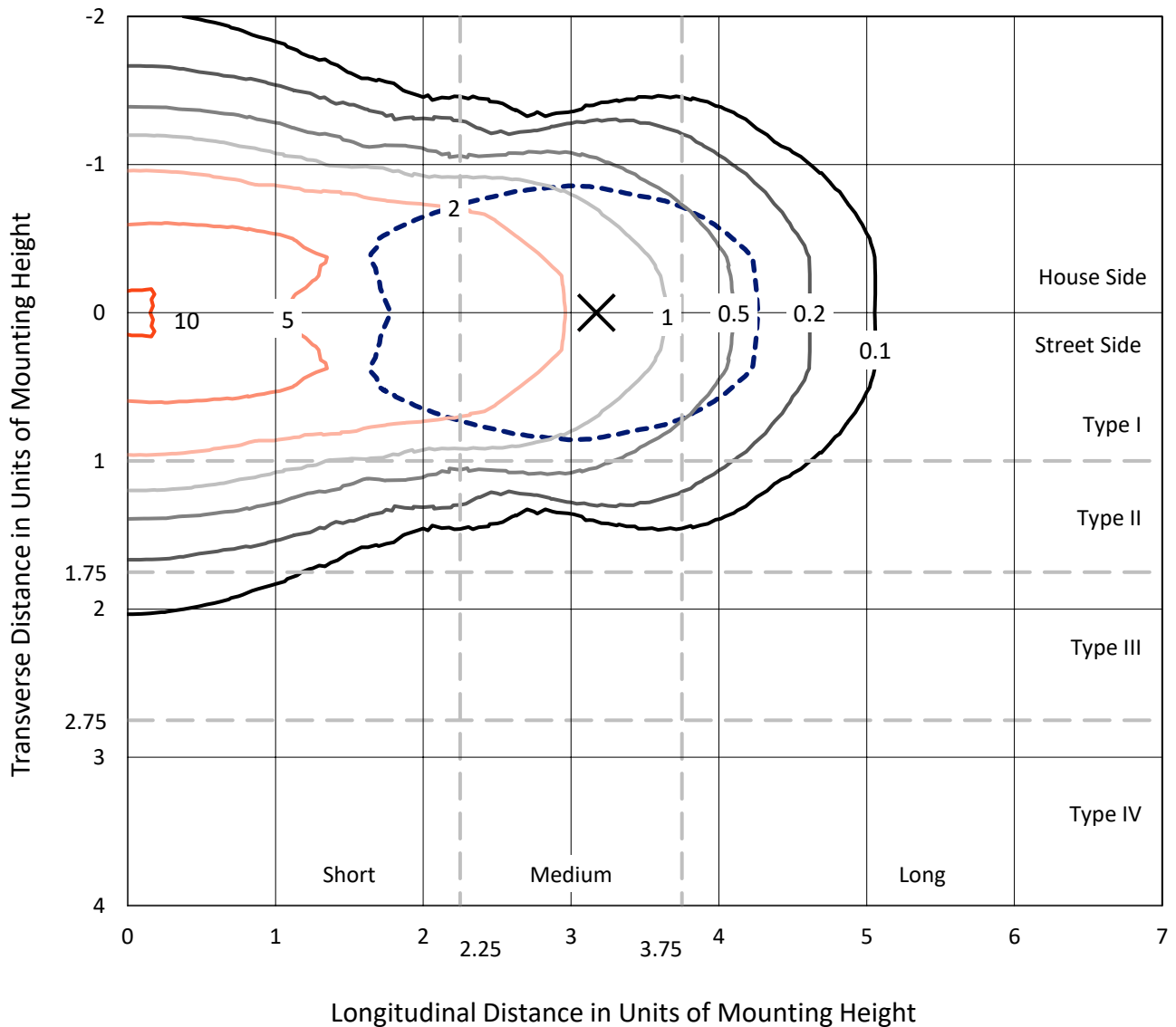
Input Watts (W): 329.5  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

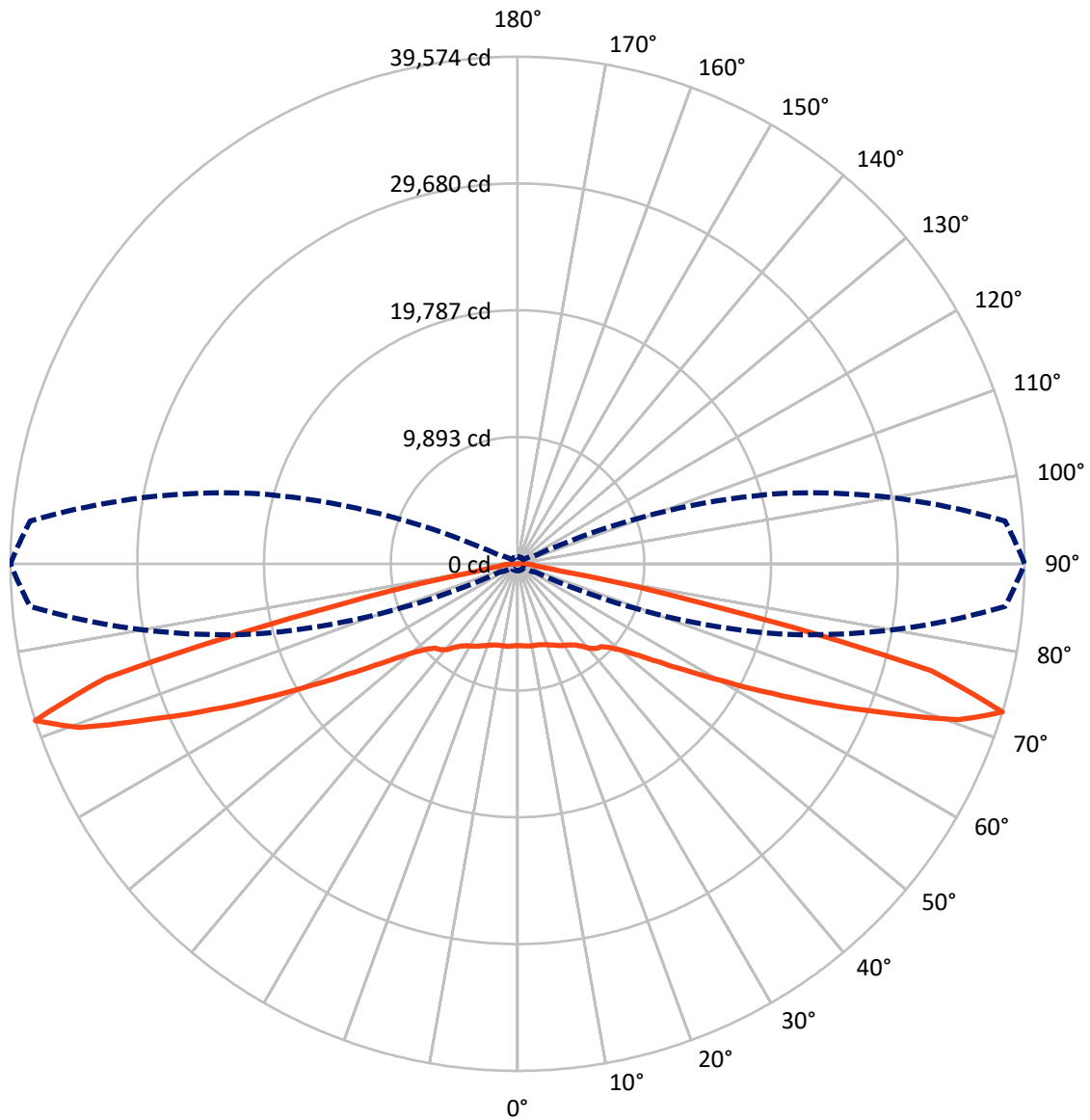
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.2 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	17115.5	0.0	17115.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	17115.5	0.0	17115.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	34231.0	0.0	34231.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	620.2	1.8
10°-20°	1896.4	5.5
20°-30°	3162.0	9.2
30°-40°	4348.7	12.7
40°-50°	5311.0	15.5
50°-60°	6142.7	17.9
60°-70°	7324.2	21.4
70°-80°	5111.8	14.9
80°-90°	314.0	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°	34231.0	100.0
0°-180°	34231.0	100.0

**Coefficient of Utilization**

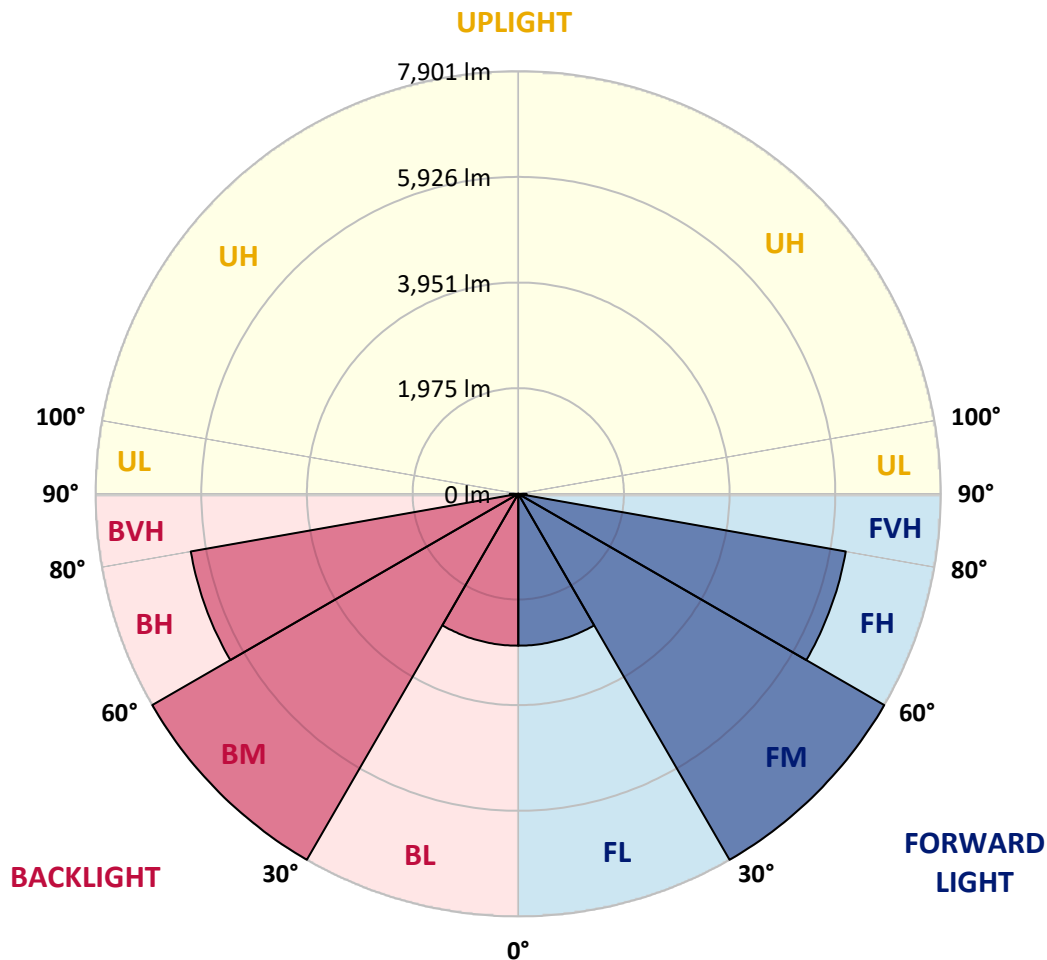


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2839.3	8.3			
FM (30°-60°)	7901.2	23.1			
FH (60°-80°)	6218.0	18.2			G3/7500
FVH (80°-90°)	157.0	0.5			G2/225
BL (0°-30°)	2839.3	8.3	B4/5000		
BM (30°-60°)	7901.2	23.1	B4/8500		
BH (60°-80°)	6218.0	18.2	B5		G5
BVH (80°-90°)	157.0	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°	6396.4	6396.4	6396.4	6396.4	6396.4	6396.4	6396.4	6396.4	6396.4	6396.4
2.5°	6401.9	6409.2	6409.2	6403.7	6416.4	6405.5	6405.5	6400.1	6405.5	6400.1
5°	6434.6	6443.7	6447.4	6445.5	6461.9	6452.8	6452.8	6445.5	6447.4	6441.9
7.5°	6496.5	6509.2	6516.5	6525.6	6549.2	6538.3	6531.0	6509.2	6500.1	6485.6
10°	6516.5	6531.0	6554.7	6602.0	6656.6	6658.4	6636.6	6582.0	6540.1	6507.4
12.5°	6454.6	6474.7	6523.8	6620.2	6742.1	6791.2	6756.6	6665.7	6583.8	6525.6
15°	6376.4	6398.2	6472.8	6618.4	6798.5	6913.1	6909.4	6789.4	6658.4	6567.4
17.5°	6254.5	6276.4	6383.7	6587.4	6842.1	7031.3	7082.3	6958.6	6774.8	6652.9
20°	6034.4	6054.4	6203.6	6489.2	6856.7	7156.9	7289.7	7180.5	6951.3	6785.7
22.5°	5748.8	5779.7	5954.4	6320.0	6822.1	7287.8	7526.2	7451.6	7156.9	6927.6
25°	5443.1	5475.9	5679.6	6112.6	6733.0	7382.4	7806.3	7759.0	7389.7	7104.1
27.5°	5179.4	5213.9	5435.9	5907.0	6594.7	7418.8	8082.9	8106.5	7671.7	7298.8
30°	4972.0	5004.7	5241.2	5741.5	6416.4	7382.4	8324.8	8488.5	7959.1	7468.0
32.5°	4744.6	4786.4	5035.6	5539.6	6205.4	7295.1	8535.8	8901.5	8292.1	7649.9
35°	4457.1	4495.3	4757.3	5263.0	5928.9	7155.0	8712.3	9360.0	8768.7	7926.4
37.5°	4107.8	4144.2	4404.4	4917.4	5654.2	6958.6	8846.9	9876.6	9336.3	8324.8
40°	3756.7	3791.3	4035.1	4531.7	5324.9	6707.5	8894.2	10382.4	9987.6	8872.4
42.5°	3434.7	3465.6	3689.4	4151.5	4955.6	6387.3	8832.4	10822.6	10571.6	9254.4
45°	3138.2	3165.5	3363.8	3794.9	4571.7	5998.0	8646.8	11295.6	11266.5	9527.3
47.5°	2799.8	2827.1	3032.7	3449.3	4187.9	5541.4	8332.1	11761.3	12232.5	10145.9
50°	2386.8	2410.5	2621.5	3050.9	3789.5	5055.6	7895.5	12127.0	13451.4	11082.8
52.5°	1897.5	1922.9	2128.5	2557.8	3316.5	4533.5	7320.6	12365.3	14859.5	12450.8
55°	1411.7	1429.9	1608.2	1993.9	2730.7	3938.6	6600.2	12432.6	16456.8	14321.0
57.5°	1024.2	1035.1	1149.8	1437.2	2070.3	3194.6	5725.1	12258.0	18357.9	16718.8
60°	829.6	833.2	867.8	995.1	1439.0	2354.1	4668.2	11657.6	20420.9	19809.6
62.5°	753.2	753.2	762.3	796.8	973.3	1553.6	3389.2	10413.3	22633.1	23715.5
65°	700.4	700.4	704.0	720.4	767.7	989.7	2139.4	8386.7	24497.8	28290.9
67.5°	653.1	654.9	653.1	658.6	685.9	731.3	1240.7	5792.4	25502.0	33031.8
70°	604.0	607.6	598.5	598.5	620.4	622.2	776.8	3176.4	24668.8	37005.0
72.5°	545.8	551.2	536.7	533.0	549.4	542.1	584.0	1524.5	21179.5	38191.2
75°	494.8	502.1	469.4	460.3	460.3	454.8	474.8	782.3	13746.1	31154.4
77.5°	449.4	463.9	411.1	382.0	374.8	358.4	387.5	478.5	6012.6	14626.6
80°	371.1	391.1	338.4	303.8	291.1	272.9	305.6	334.7	1788.3	3396.5
82.5°	276.5	285.6	240.1	216.5	205.6	192.8	229.2	232.9	582.2	1202.5
85°	176.5	180.1	147.4	127.3	121.9	116.4	145.5	127.3	221.9	884.1
87.5°	61.9	71.0	56.4	50.9	54.6	45.5	67.3	38.2	61.9	624.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

6396.4  
6400.1  
6441.9  
6485.6  
6501.9  
6516.5  
6552.9  
6632.9  
6754.8  
6885.8  
7045.9  
7236.9  
7378.8  
7537.1  
7800.9  
8157.4  
8694.1  
9025.2  
9218.1  
9789.3  
10635.2  
11899.6  
13631.5  
15851.0  
18716.3  
22251.0  
26438.9  
31032.5  
36479.3  
39573.8  
33322.9  
14322.8  
3252.8  
1359.0  
1284.4  
773.2  
0.0

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