

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: P846164

Luminaire Tested: **GLAN-SB1C-930-U-T1**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P846164  
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-SB1C-930-U-T1  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 90 CRI, 3000K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE I OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5000 lumens  
Efficiency: N/A  
Efficacy: 91.9 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

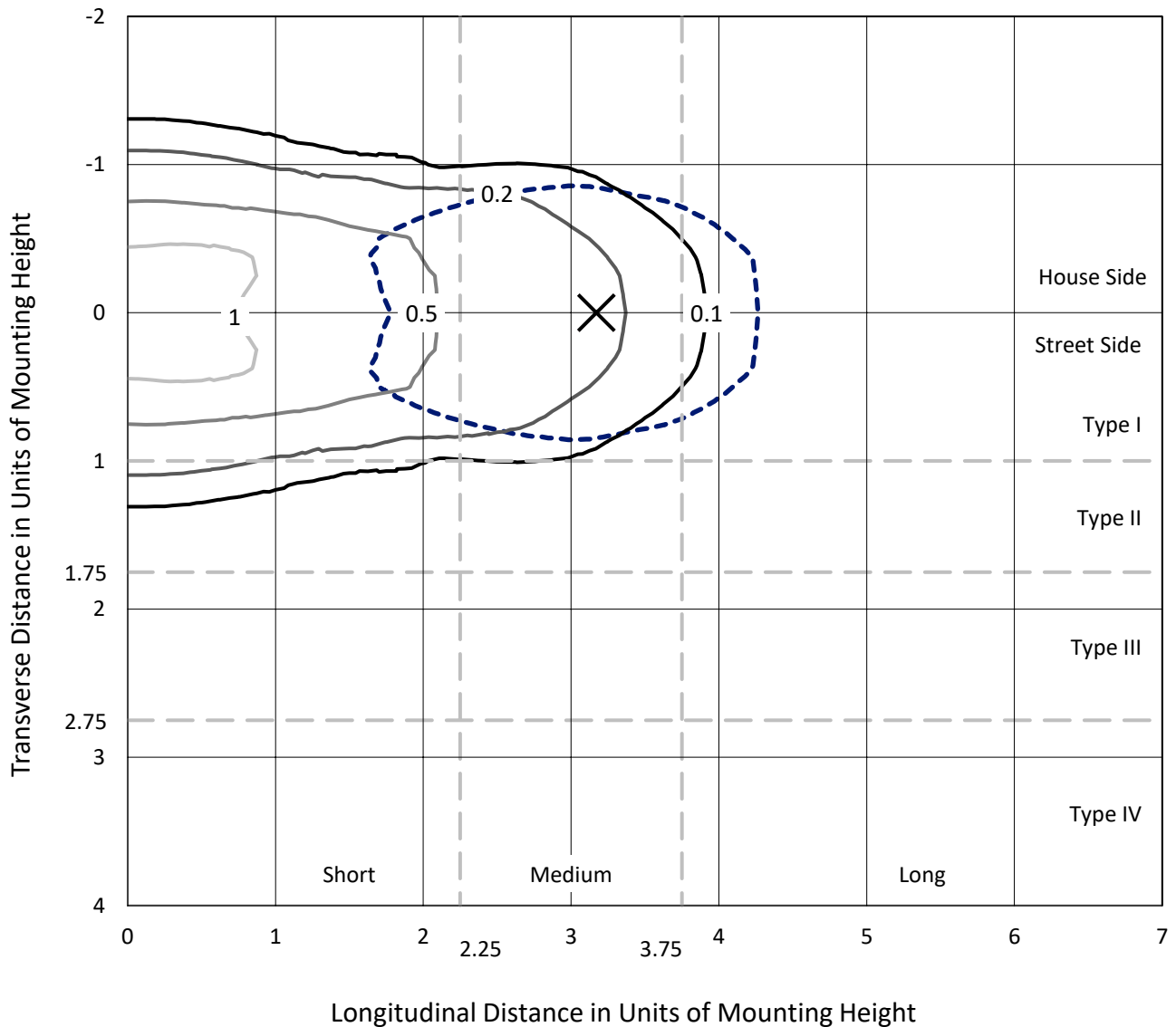
Input Watts (W): 54.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

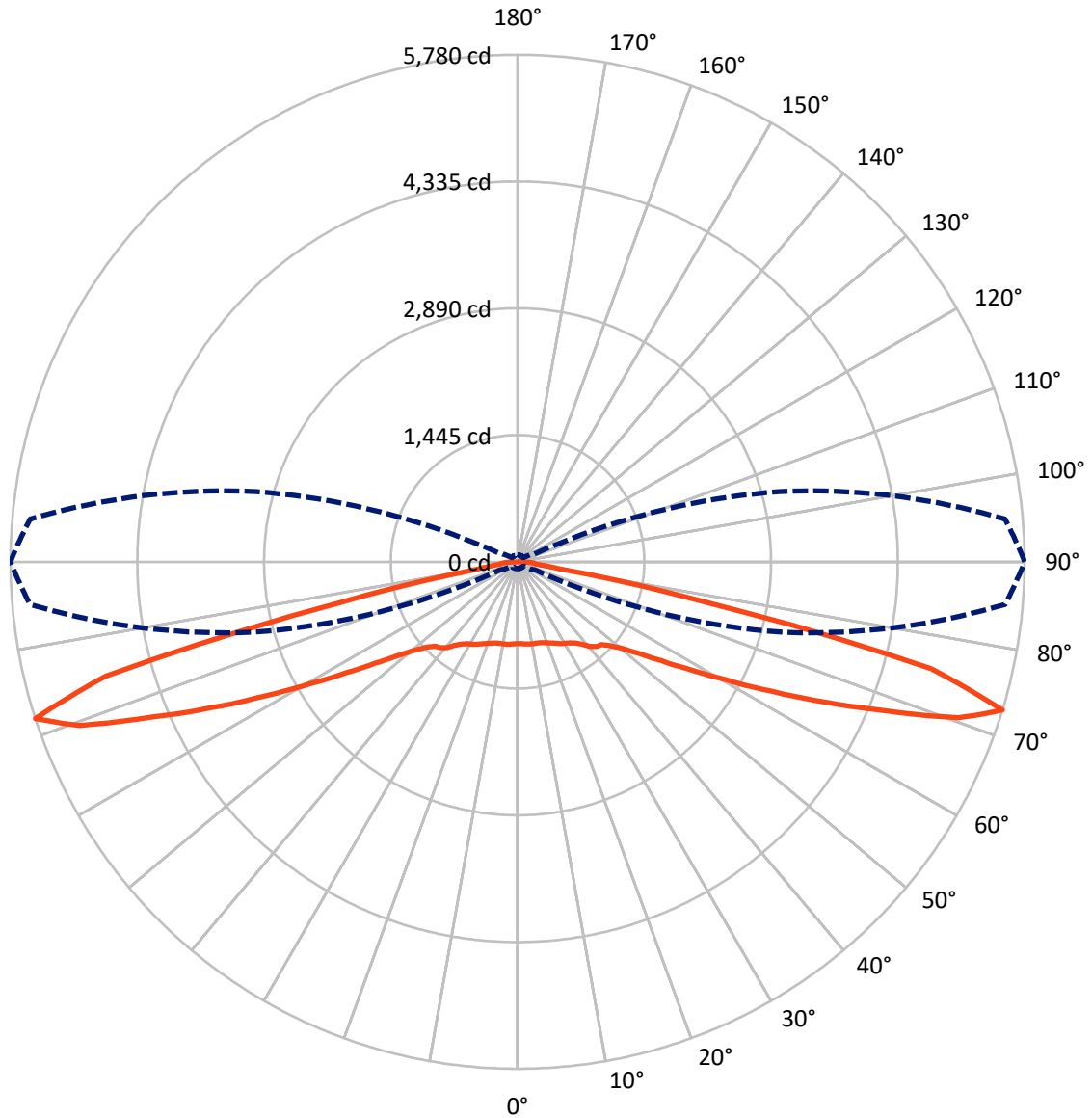
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.5 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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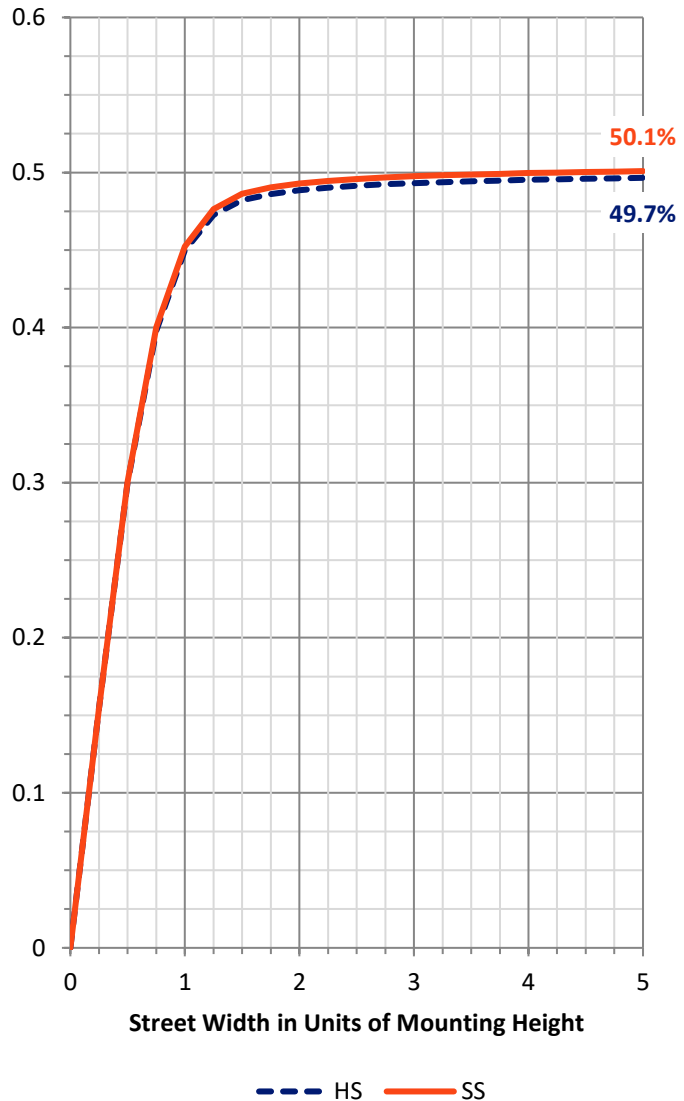
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2500.0	0.0	2500.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	2500.0	0.0	2500.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	5000.0	0.0	5000.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	90.6	1.8
10°-20°	277.0	5.5
20°-30°	461.9	9.2
30°-40°	635.2	12.7
40°-50°	775.8	15.5
50°-60°	897.2	17.9
60°-70°	1069.8	21.4
70°-80°	746.7	14.9
80°-90°	45.9	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°	5000.0	100.0
0°-180°	5000.0	100.0

**Coefficient of Utilization**



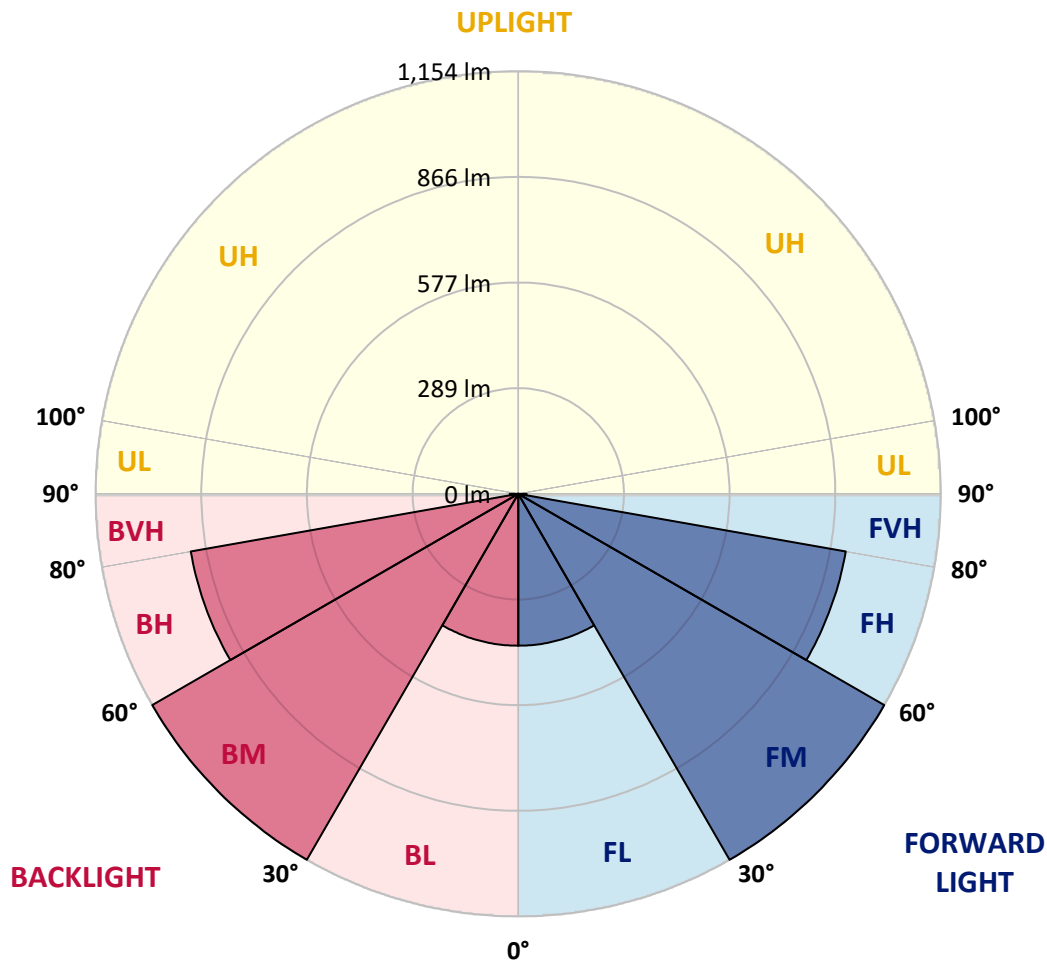
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	414.7	8.3			
FM (30°-60°)	1154.1	23.1			
FH (60°-80°)	908.2	18.2			G1/1800
FVH (80°-90°)	22.9	0.5			G1/100
BL (0°-30°)	414.7	8.3	B1/500		
BM (30°-60°)	1154.1	23.1	B2/2500		
BH (60°-80°)	908.2	18.2	B2/1000		G2/1000
BVH (80°-90°)	22.9	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G2**

Type I Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	934.3	934.3	934.3	934.3	934.3	934.3	934.3	934.3	934.3	934.3
2.5°	935.1	936.2	936.2	935.4	937.2	935.6	935.6	934.8	935.6	934.8
5°	939.9	941.2	941.7	941.5	943.9	942.5	942.5	941.5	941.7	940.9
7.5°	948.9	950.8	951.8	953.2	956.6	955.0	954.0	950.8	949.4	947.3
10°	951.8	954.0	957.4	964.3	972.3	972.6	969.4	961.4	955.3	950.5
12.5°	942.8	945.7	952.9	967.0	984.8	992.0	986.9	973.6	961.7	953.2
15°	931.4	934.6	945.5	966.7	993.0	1009.8	1009.2	991.7	972.6	959.3
17.5°	913.6	916.8	932.4	962.2	999.4	1027.0	1034.5	1016.4	989.6	971.8
20°	881.4	884.3	906.1	947.9	1001.5	1045.4	1064.8	1048.8	1015.4	991.2
22.5°	839.7	844.2	869.7	923.1	996.5	1064.5	1099.3	1088.4	1045.4	1011.9
25°	795.1	799.8	829.6	892.8	983.5	1078.3	1140.2	1133.3	1079.4	1037.7
27.5°	756.5	761.6	794.0	862.8	963.3	1083.6	1180.6	1184.1	1120.6	1066.1
30°	726.2	731.0	765.6	838.6	937.2	1078.3	1216.0	1239.9	1162.6	1090.8
32.5°	693.0	699.1	735.5	809.1	906.4	1065.6	1246.8	1300.2	1211.2	1117.4
35°	651.0	656.6	694.9	768.8	866.0	1045.1	1272.6	1367.2	1280.8	1157.8
37.5°	600.0	605.3	643.3	718.3	825.9	1016.4	1292.2	1442.6	1363.7	1216.0
40°	548.7	553.8	589.4	661.9	777.8	979.7	1299.1	1516.5	1458.9	1296.0
42.5°	501.7	506.2	538.9	606.4	723.8	933.0	1290.1	1580.8	1544.2	1351.8
45°	458.4	462.4	491.3	554.3	667.8	876.1	1263.0	1649.9	1645.7	1391.6
47.5°	409.0	412.9	443.0	503.8	611.7	809.4	1217.0	1717.9	1786.8	1482.0
50°	348.6	352.1	382.9	445.6	553.5	738.5	1153.3	1771.3	1964.8	1618.8
52.5°	277.2	280.9	310.9	373.6	484.4	662.2	1069.3	1806.2	2170.5	1818.6
55°	206.2	208.9	234.9	291.2	398.9	575.3	964.1	1816.0	2403.8	2091.8
57.5°	149.6	151.2	167.9	209.9	302.4	466.6	836.2	1790.5	2681.5	2442.0
60°	121.2	121.7	126.8	145.4	210.2	343.9	681.9	1702.8	2982.8	2893.5
62.5°	110.0	110.0	111.3	116.4	142.2	226.9	495.1	1521.0	3305.9	3464.0
65°	102.3	102.3	102.8	105.2	112.1	144.6	312.5	1225.0	3578.3	4132.3
67.5°	95.4	95.7	95.4	96.2	100.2	106.8	181.2	846.1	3725.0	4824.8
70°	88.2	88.8	87.4	87.4	90.6	90.9	113.5	464.0	3603.3	5405.2
72.5°	79.7	80.5	78.4	77.9	80.3	79.2	85.3	222.7	3093.6	5578.4
75°	72.3	73.3	68.6	67.2	67.2	66.4	69.4	114.3	2007.8	4550.6
77.5°	65.6	67.8	60.1	55.8	54.7	52.3	56.6	69.9	878.2	2136.5
80°	54.2	57.1	49.4	44.4	42.5	39.9	44.6	48.9	261.2	496.1
82.5°	40.4	41.7	35.1	31.6	30.0	28.2	33.5	34.0	85.0	175.6
85°	25.8	26.3	21.5	18.6	17.8	17.0	21.3	18.6	32.4	129.1
87.5°	9.0	10.4	8.2	7.4	8.0	6.6	9.8	5.6	9.0	91.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

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934.3  
934.8  
940.9  
947.3  
949.7  
951.8  
957.2  
968.8  
986.7  
1005.8  
1029.2  
1057.1  
1077.8  
1100.9  
1139.4  
1191.5  
1269.9  
1318.3  
1346.4  
1429.9  
1553.5  
1738.1  
1991.1  
2315.3  
2733.8  
3250.1  
3861.8  
4532.8  
5328.4  
5780.4  
4867.4  
2092.1  
475.1  
198.5  
187.6  
112.9  
0.0

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