

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: P846334

Luminaire Tested: **GLAN-SB1D-930-U-T1**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P846334  
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-SB1D-930-U-T1  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 90 CRI, 3000K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE I OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6794 lumens  
Efficiency: N/A  
Efficacy: 85.4 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type I - Short  
BUG Rating: B3 - U0 - G3

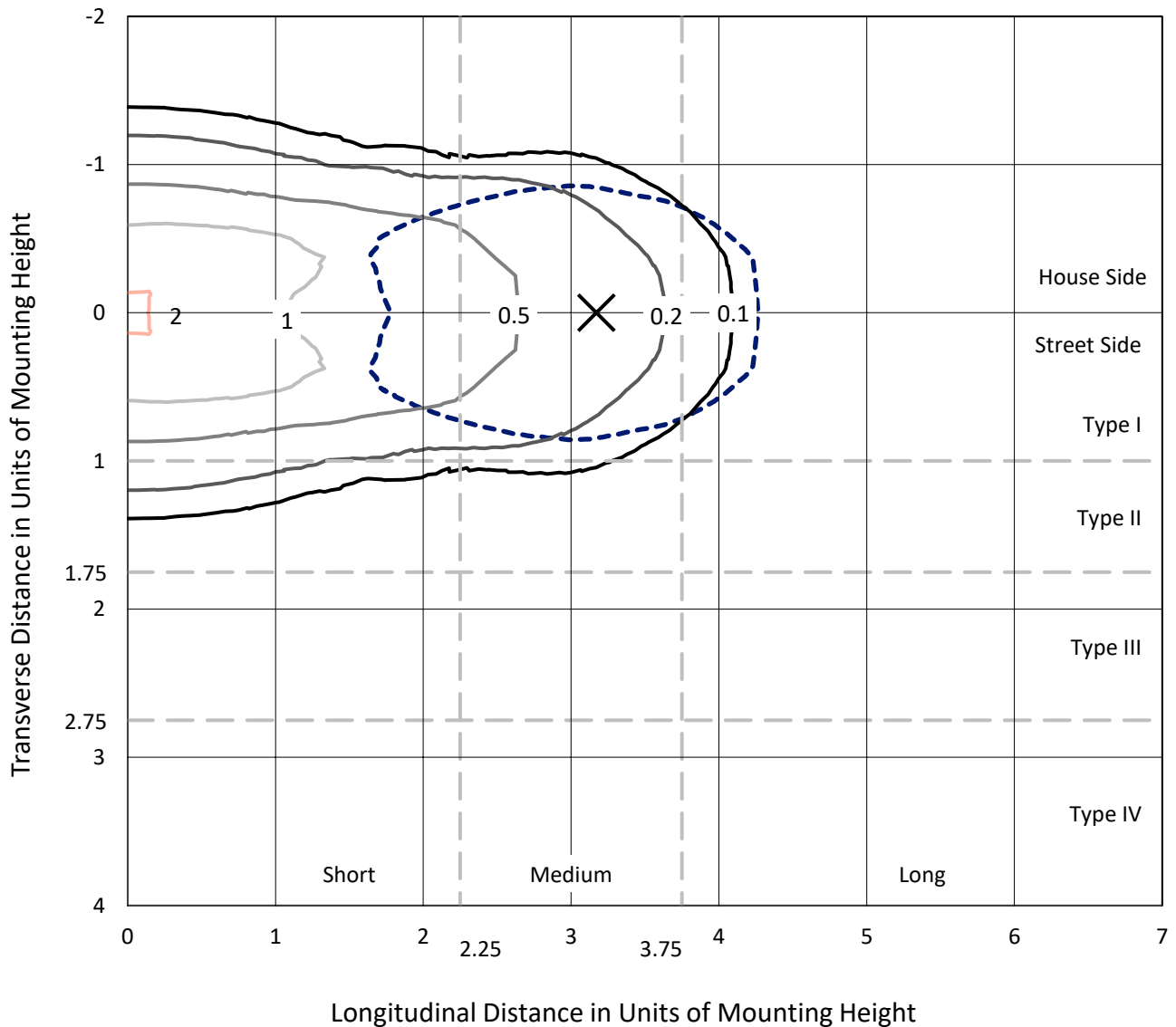
Input Watts (W): 79.6  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

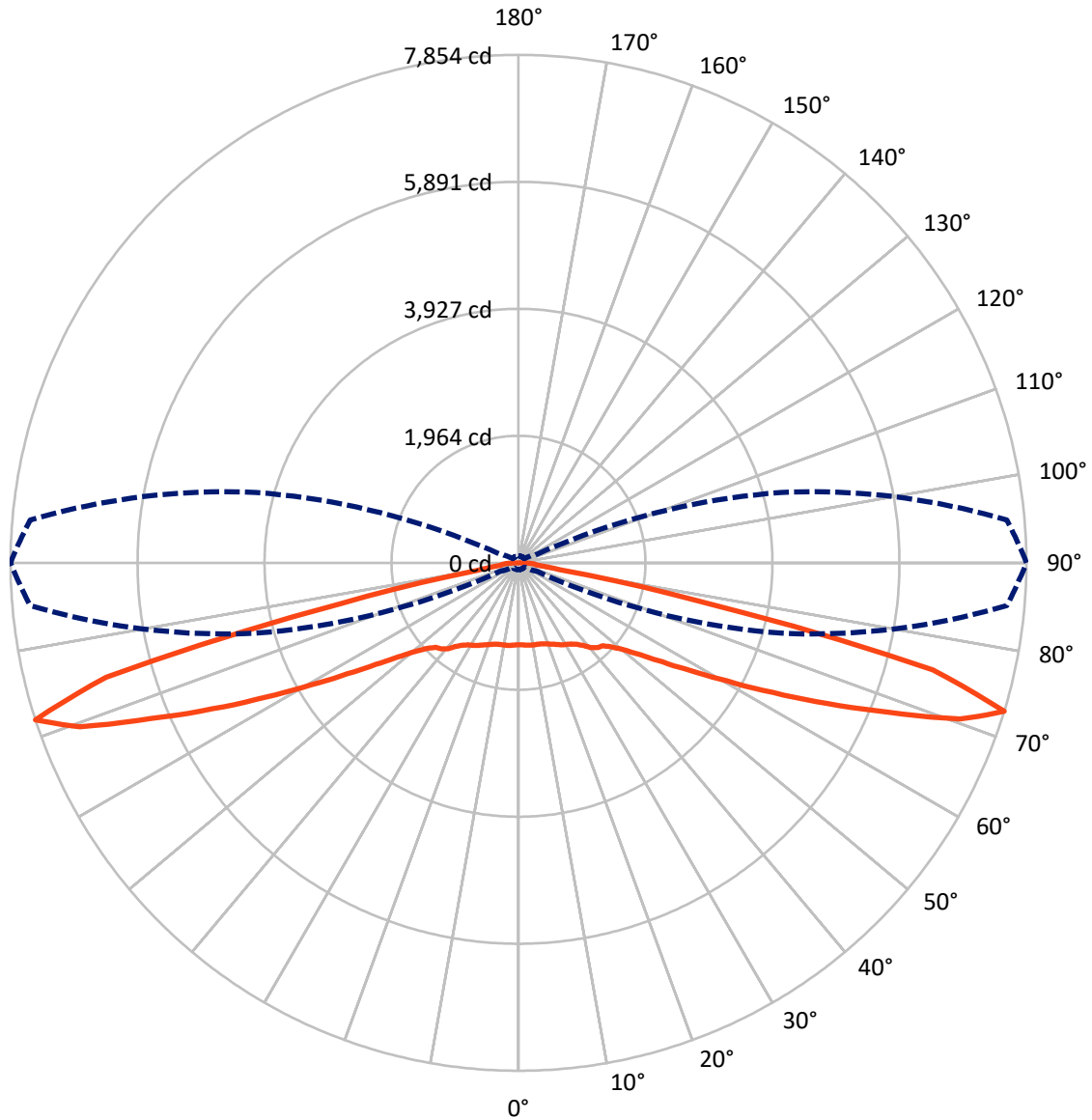
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 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	3397.0	0.0	3397.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	3397.0	0.0	3397.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	6794.0	0.0	6794.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	123.1	1.8
10°-20°	376.4	5.5
20°-30°	627.6	9.2
30°-40°	863.1	12.7
40°-50°	1054.1	15.5
50°-60°	1219.2	17.9
60°-70°	1453.7	21.4
70°-80°	1014.6	14.9
80°-90°	62.3	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°	6794.0	100.0
0°-180°	6794.0	100.0

**Coefficient of Utilization**

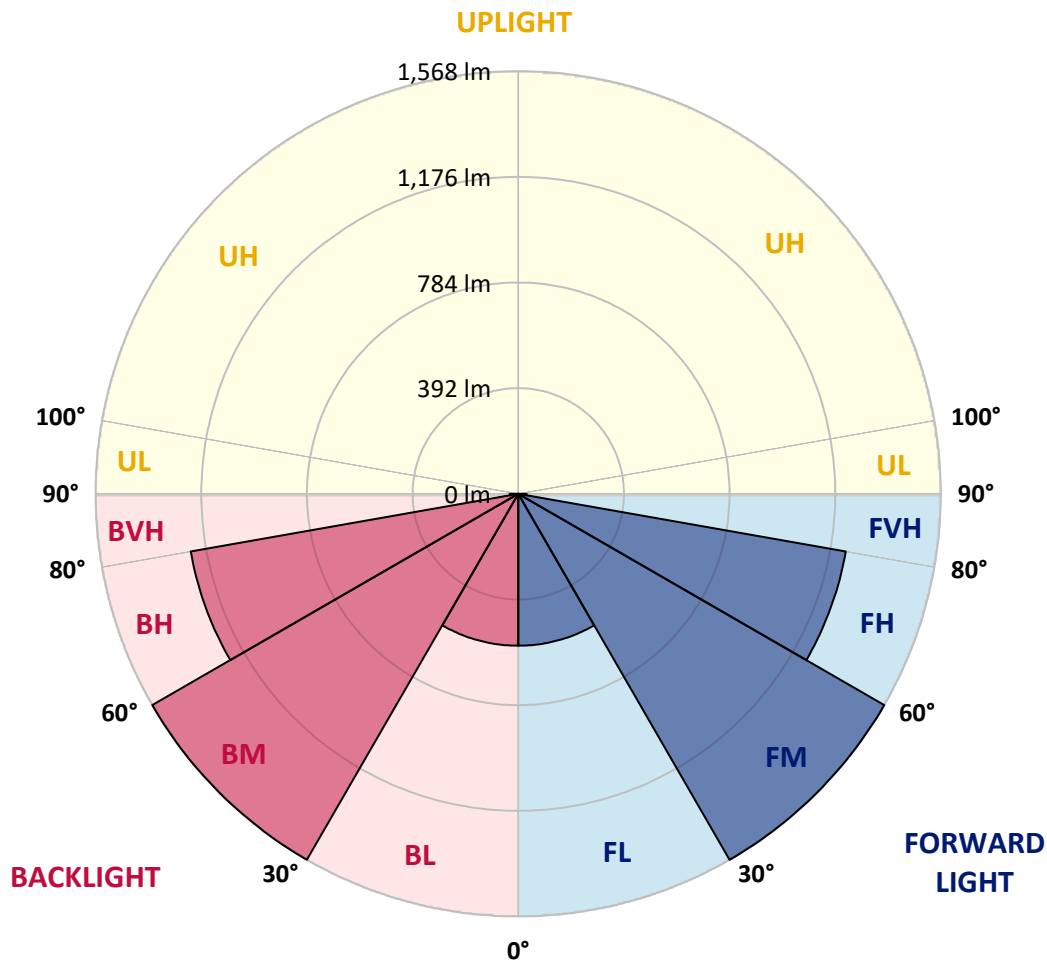


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	563.5	8.3			
FM (30°-60°)	1568.2	23.1			
FH (60°-80°)	1234.1	18.2			G1/1800
FVH (80°-90°)	31.2	0.5			G1/100
BL (0°-30°)	563.5	8.3	B2/1000		
BM (30°-60°)	1568.2	23.1	B2/2500		
BH (60°-80°)	1234.1	18.2	B3/2500		G3/2500
BVH (80°-90°)	31.2	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G3**  
 Type I Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5
2.5°	1270.6	1272.1	1272.1	1271.0	1273.5	1271.3	1271.3	1270.3	1271.3	1270.3
5°	1277.1	1278.9	1279.6	1279.3	1282.5	1280.7	1280.7	1279.3	1279.6	1278.6
7.5°	1289.4	1291.9	1293.4	1295.2	1299.9	1297.7	1296.2	1291.9	1290.1	1287.2
10°	1293.4	1296.2	1300.9	1310.3	1321.2	1321.5	1317.2	1306.4	1298.1	1291.6
12.5°	1281.1	1285.1	1294.8	1313.9	1338.1	1347.9	1341.0	1323.0	1306.7	1295.2
15°	1265.6	1269.9	1284.7	1313.6	1349.3	1372.1	1371.4	1347.5	1321.5	1303.5
17.5°	1241.4	1245.7	1267.0	1307.4	1358.0	1395.5	1405.7	1381.1	1344.6	1320.4
20°	1197.7	1201.6	1231.3	1287.9	1360.9	1420.5	1446.8	1425.2	1379.7	1346.8
22.5°	1141.0	1147.1	1181.8	1254.4	1354.0	1446.5	1493.8	1479.0	1420.5	1375.0
25°	1080.3	1086.8	1127.3	1213.2	1336.3	1465.2	1549.4	1540.0	1466.7	1410.0
27.5°	1028.0	1034.8	1078.9	1172.4	1308.9	1472.5	1604.2	1608.9	1522.6	1448.6
30°	986.8	993.3	1040.2	1139.5	1273.5	1465.2	1652.3	1684.8	1579.7	1482.2
32.5°	941.7	950.0	999.4	1099.5	1231.6	1447.9	1694.2	1766.7	1645.8	1518.3
35°	884.6	892.2	944.2	1044.6	1176.7	1420.1	1729.2	1857.7	1740.4	1573.2
37.5°	815.3	822.5	874.2	976.0	1122.2	1381.1	1755.9	1960.3	1853.0	1652.3
40°	745.6	752.5	800.9	899.4	1056.9	1331.3	1765.3	2060.6	1982.3	1761.0
42.5°	681.7	687.8	732.3	824.0	983.6	1267.7	1753.0	2148.0	2098.2	1836.8
45°	622.8	628.3	667.6	753.2	907.4	1190.5	1716.2	2241.9	2236.1	1890.9
47.5°	555.7	561.1	601.9	684.6	831.2	1099.8	1653.7	2334.3	2427.9	2013.7
50°	473.7	478.4	520.3	605.5	752.1	1003.4	1567.1	2406.9	2669.8	2199.7
52.5°	376.6	381.7	422.5	507.7	658.2	899.8	1453.0	2454.2	2949.2	2471.2
55°	280.2	283.8	319.2	395.7	542.0	781.7	1310.0	2467.6	3266.3	2842.4
57.5°	203.3	205.5	228.2	285.2	410.9	634.0	1136.3	2432.9	3643.6	3318.3
60°	164.6	165.4	172.2	197.5	285.6	467.2	926.5	2313.8	4053.0	3931.7
62.5°	149.5	149.5	151.3	158.1	193.2	308.4	672.7	2066.8	4492.1	4706.9
65°	139.0	139.0	139.7	143.0	152.4	196.4	424.6	1664.5	4862.2	5615.0
67.5°	129.6	130.0	129.6	130.7	136.1	145.2	246.3	1149.7	5061.5	6556.0
70°	119.9	120.6	118.8	118.8	123.1	123.5	154.2	630.4	4896.1	7344.6
72.5°	108.3	109.4	106.5	105.8	109.0	107.6	115.9	302.6	4203.6	7580.0
75°	98.2	99.7	93.2	91.4	91.4	90.3	94.2	155.3	2728.3	6183.4
77.5°	89.2	92.1	81.6	75.8	74.4	71.1	76.9	95.0	1193.3	2903.0
80°	73.7	77.6	67.2	60.3	57.8	54.2	60.7	66.4	354.9	674.1
82.5°	54.9	56.7	47.7	43.0	40.8	38.3	45.5	46.2	115.5	238.7
85°	35.0	35.7	29.2	25.3	24.2	23.1	28.9	25.3	44.1	175.5
87.5°	12.3	14.1	11.2	10.1	10.8	9.0	13.4	7.6	12.3	123.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

1269.5  
1270.3  
1278.6  
1287.2  
1290.5  
1293.4  
1300.6  
1316.5  
1340.7  
1366.7  
1398.4  
1436.3  
1464.5  
1495.9  
1548.3  
1619.0  
1725.6  
1791.3  
1829.6  
1942.9  
2110.8  
2361.8  
2705.5  
3146.0  
3714.7  
4416.3  
5247.5  
6159.2  
7240.2  
7854.4  
6613.8  
2842.7  
645.6  
269.7  
254.9  
153.5  
0.0

OF REPORT)