

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: P846671

Luminaire Tested: **GLAN-SB2B-930-U-5WQ**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P846671
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-1)
Test Lab: INNOVATION CENTER
Issue Date: 6/26/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB2B-930-U-5WQ
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 90 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7685 lumens
Efficiency: N/A
Efficacy: 104.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

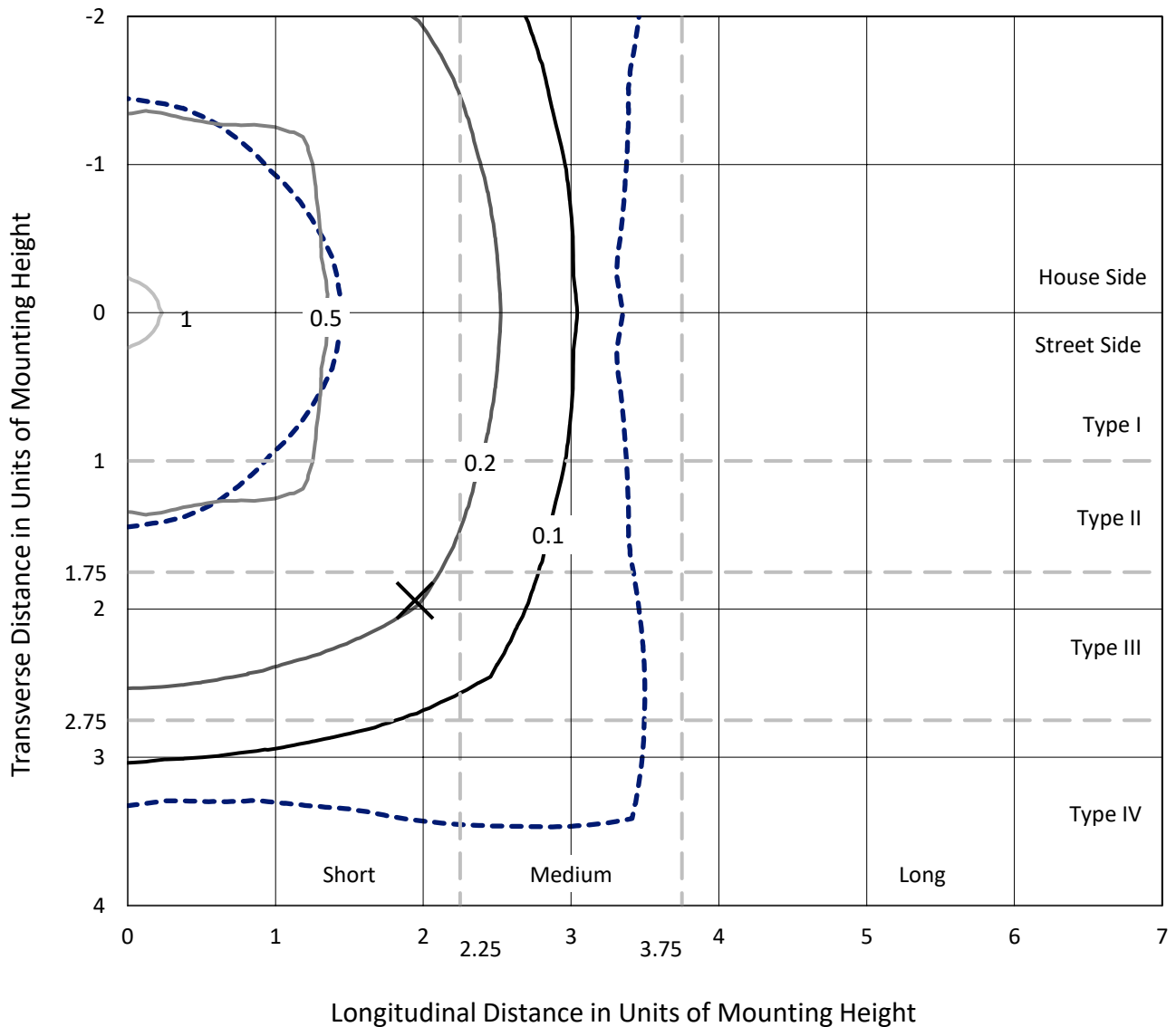
Input Watts (W): 73.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

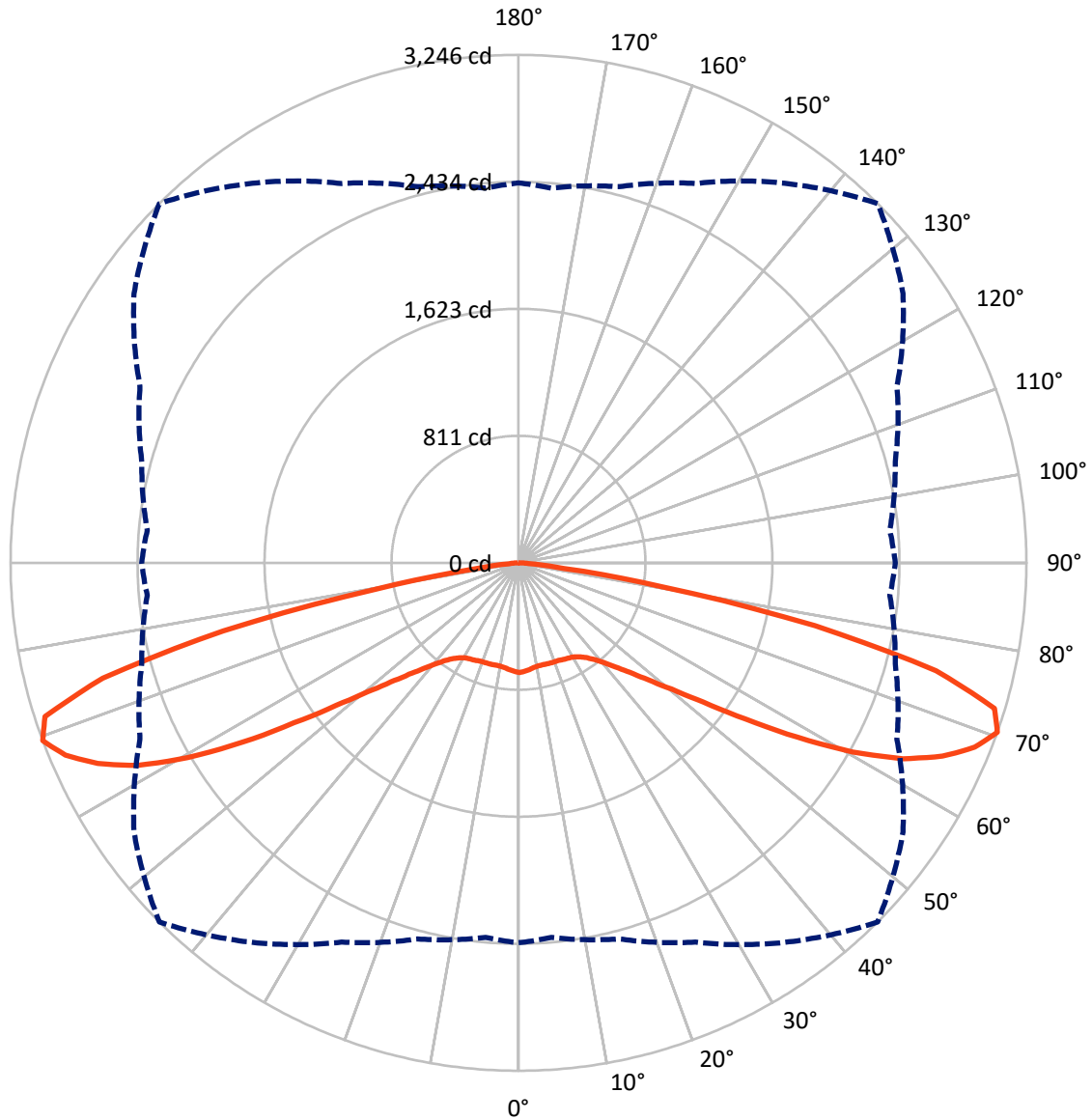
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.1 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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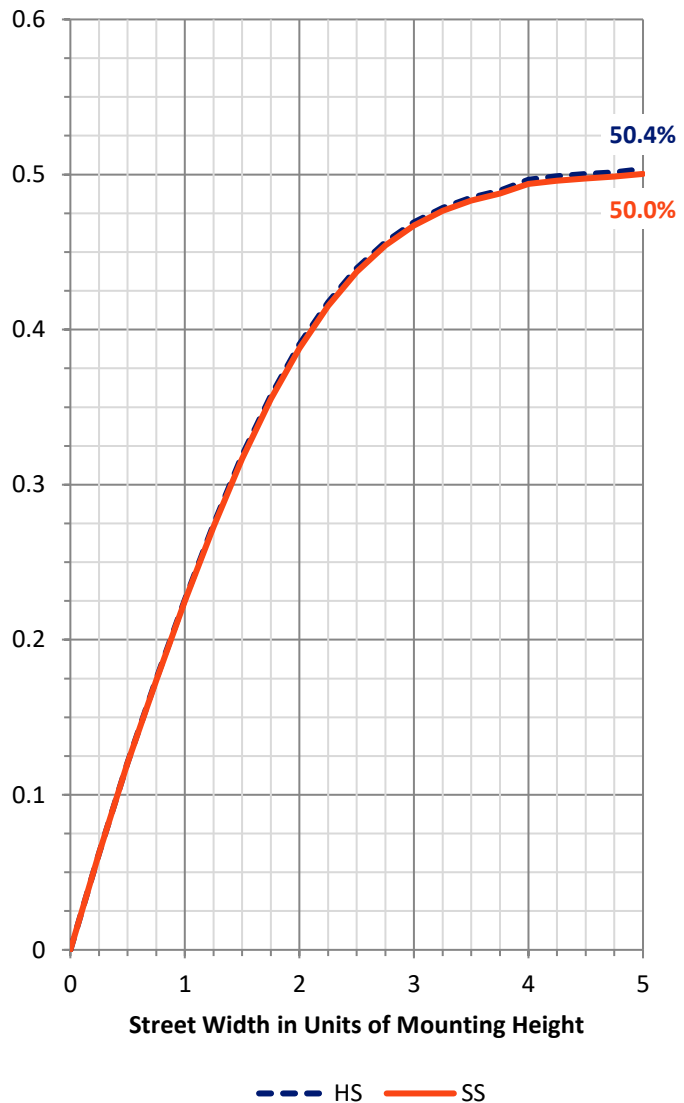
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3842.5	0.0	3842.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3842.5	0.0	3842.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	7685.0	0.0	7685.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.2	0.8
10°-20°	191.5	2.5
20°-30°	318.6	4.1
30°-40°	481.9	6.3
40°-50°	800.8	10.4
50°-60°	1511.1	19.7
60°-70°	2551.5	33.2
70°-80°	1676.6	21.8
80°-90°	87.8	1.1
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°	7685.0	100.0
0°-180°	7685.0	100.0

Coefficient of Utilization



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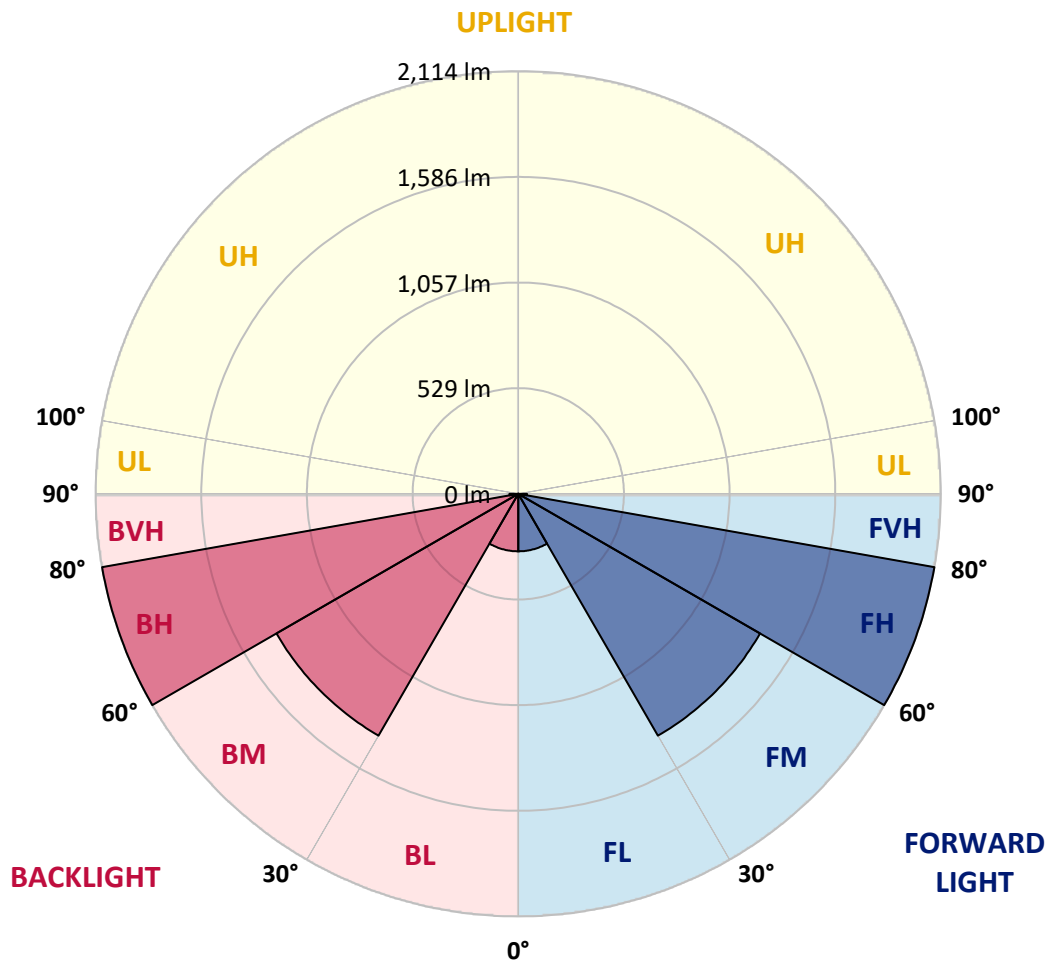
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	287.7	3.7			
FM (30°-60°)	1396.9	18.2			
FH (60°-80°)	2114.0	27.5			G2/5000
FVH (80°-90°)	43.9	0.6			G1/100
BL (0°-30°)	287.7	3.7	B1/500		
BM (30°-60°)	1396.9	18.2	B2/2500		
BH (60°-80°)	2114.0	27.5	B3/2500		G2/5000
BVH (80°-90°)	43.9	0.6			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0
2.5°	696.6	698.6	697.8	696.2	696.2	695.0	696.2	697.0	698.2	699.0
5°	687.4	689.0	688.6	687.4	687.8	686.6	687.4	688.6	689.4	689.8
7.5°	679.5	681.1	680.3	678.3	678.3	677.1	677.5	678.7	679.9	680.3
10°	677.5	679.1	676.7	673.5	672.3	670.7	671.1	672.3	674.7	675.9
12.5°	678.3	679.5	677.1	672.3	671.1	669.5	669.5	670.7	673.9	675.5
15°	680.7	681.9	678.3	673.1	671.9	670.7	670.3	671.9	675.5	678.3
17.5°	685.0	686.2	680.7	673.5	671.9	672.3	671.9	673.1	678.7	683.9
20°	689.0	689.8	682.3	673.5	671.9	672.3	671.9	674.3	681.5	688.6
22.5°	690.2	691.0	683.9	676.3	675.1	675.5	675.1	677.5	684.3	691.4
25°	690.6	691.8	686.2	680.3	682.3	683.1	682.3	682.7	687.8	694.2
27.5°	696.6	698.2	693.0	687.8	689.0	688.6	689.8	691.0	695.0	701.4
30°	709.0	710.2	705.8	700.6	699.8	697.0	700.6	704.6	709.0	714.6
32.5°	729.4	731.8	726.2	720.6	717.0	715.4	718.2	725.0	731.0	737.0
35°	763.3	764.9	759.7	749.4	743.0	743.0	745.4	754.2	763.7	771.3
37.5°	811.3	813.3	804.1	791.7	782.1	782.1	785.3	794.5	808.9	819.7
40°	869.6	872.4	860.8	848.0	838.8	837.2	841.2	851.6	865.2	878.8
42.5°	939.9	943.1	927.9	916.7	909.5	909.5	911.5	921.1	933.5	950.3
45°	1029.8	1035.4	1014.6	1003.4	996.6	998.2	999.4	1007.8	1019.0	1038.2
47.5°	1136.8	1142.4	1120.4	1108.9	1107.7	1115.3	1110.5	1116.4	1122.4	1144.4
50°	1258.3	1267.8	1252.7	1251.9	1254.3	1268.2	1257.1	1260.3	1253.5	1267.4
52.5°	1406.8	1420.8	1418.0	1422.8	1449.6	1478.3	1452.8	1441.6	1416.0	1420.4
55°	1587.0	1608.2	1612.2	1640.9	1701.6	1760.4	1706.0	1660.9	1606.6	1596.6
57.5°	1791.9	1808.7	1827.9	1886.6	2000.0	2104.3	2000.0	1900.2	1814.7	1794.3
60°	2012.4	2033.2	2051.6	2138.2	2306.8	2453.4	2303.6	2145.0	2032.0	2004.4
62.5°	2249.3	2276.0	2288.8	2385.1	2581.6	2756.6	2584.4	2392.3	2266.9	2237.3
65°	2476.6	2498.5	2512.9	2615.6	2803.3	2978.7	2816.1	2626.8	2497.7	2459.0
67.5°	2582.4	2594.4	2629.5	2745.8	2943.9	3144.0	2977.5	2758.2	2614.0	2546.1
70°	2427.4	2403.1	2487.7	2673.9	2960.7	3245.5	2999.0	2668.3	2491.7	2381.5
72.5°	1875.8	1833.9	1980.8	2299.2	2769.0	3180.8	2788.1	2317.2	2072.3	1848.6
75°	1020.6	973.0	1176.0	1578.6	2208.1	2757.0	2258.9	1623.7	1309.4	1013.0
77.5°	288.0	270.0	433.8	763.7	1328.2	1935.7	1379.3	780.5	514.5	305.2
80°	88.3	85.5	115.8	230.1	564.0	927.1	542.0	232.9	147.4	93.1
82.5°	52.3	47.9	57.5	83.9	143.8	291.2	139.8	87.5	70.3	47.1
85°	30.0	28.0	34.0	40.7	48.3	61.9	40.3	41.5	37.5	25.2
87.5°	12.4	11.2	13.2	12.8	11.2	14.4	10.8	12.8	15.2	10.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
701.0
698.6
689.8
680.3
675.9
675.9
678.7
683.9
689.0
691.4
693.8
699.8
713.4
734.6
768.5
815.7
874.4
949.1
1037.4
1138.0
1259.1
1405.6
1581.0
1779.9
1980.5
2213.3
2439.8
2546.9
2407.9
1904.2
1078.9
339.1
98.3
51.1
26.4
9.2
0.0

OF REPORT)