

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: P847181

Luminaire Tested: **GLAN-SB3A-930-U-5WQ**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847181
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-SB3A-930-U-5WQ
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9185 lumens
Efficiency: N/A
Efficacy: 108.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G2

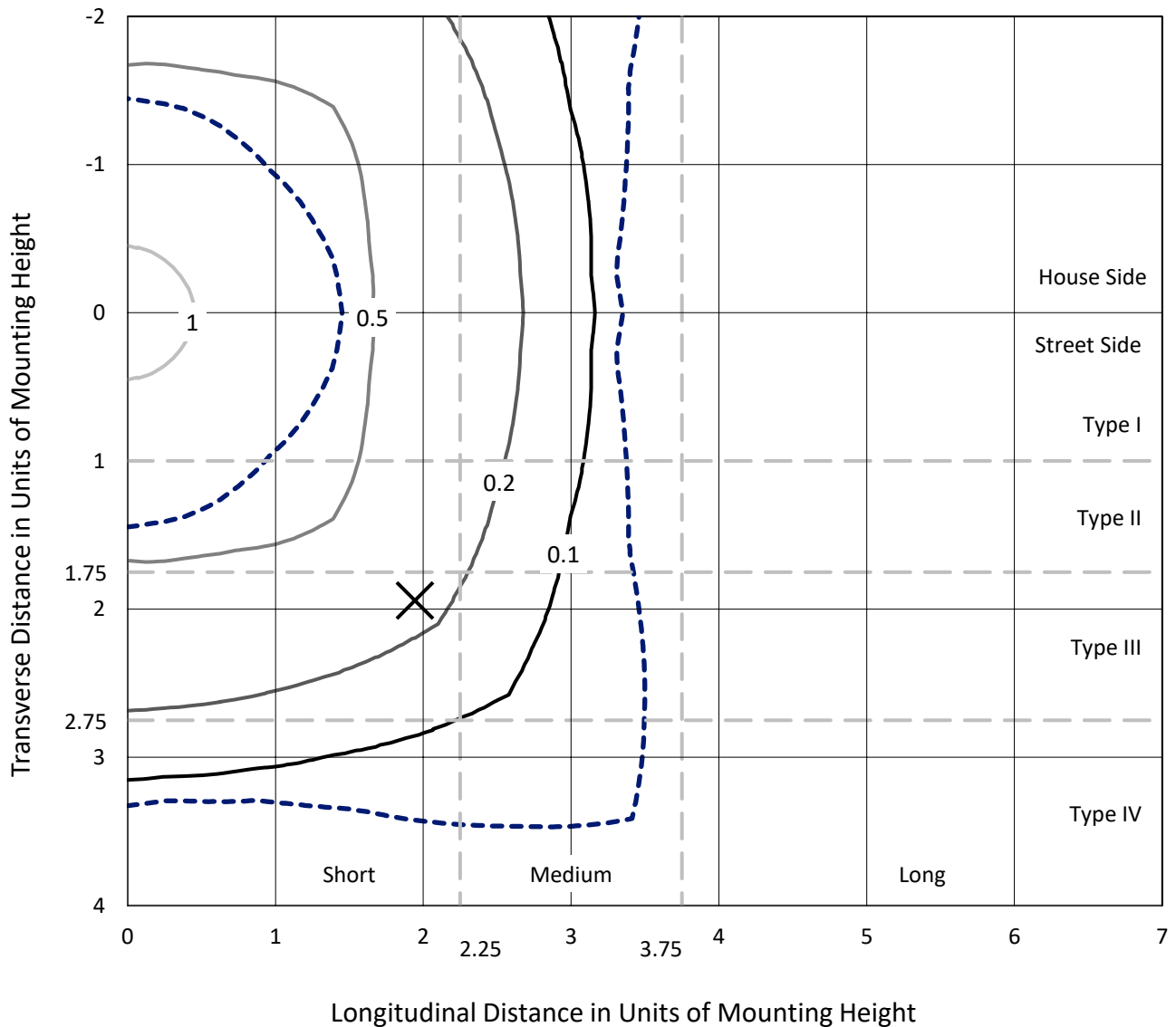
Input Watts (W): 84.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

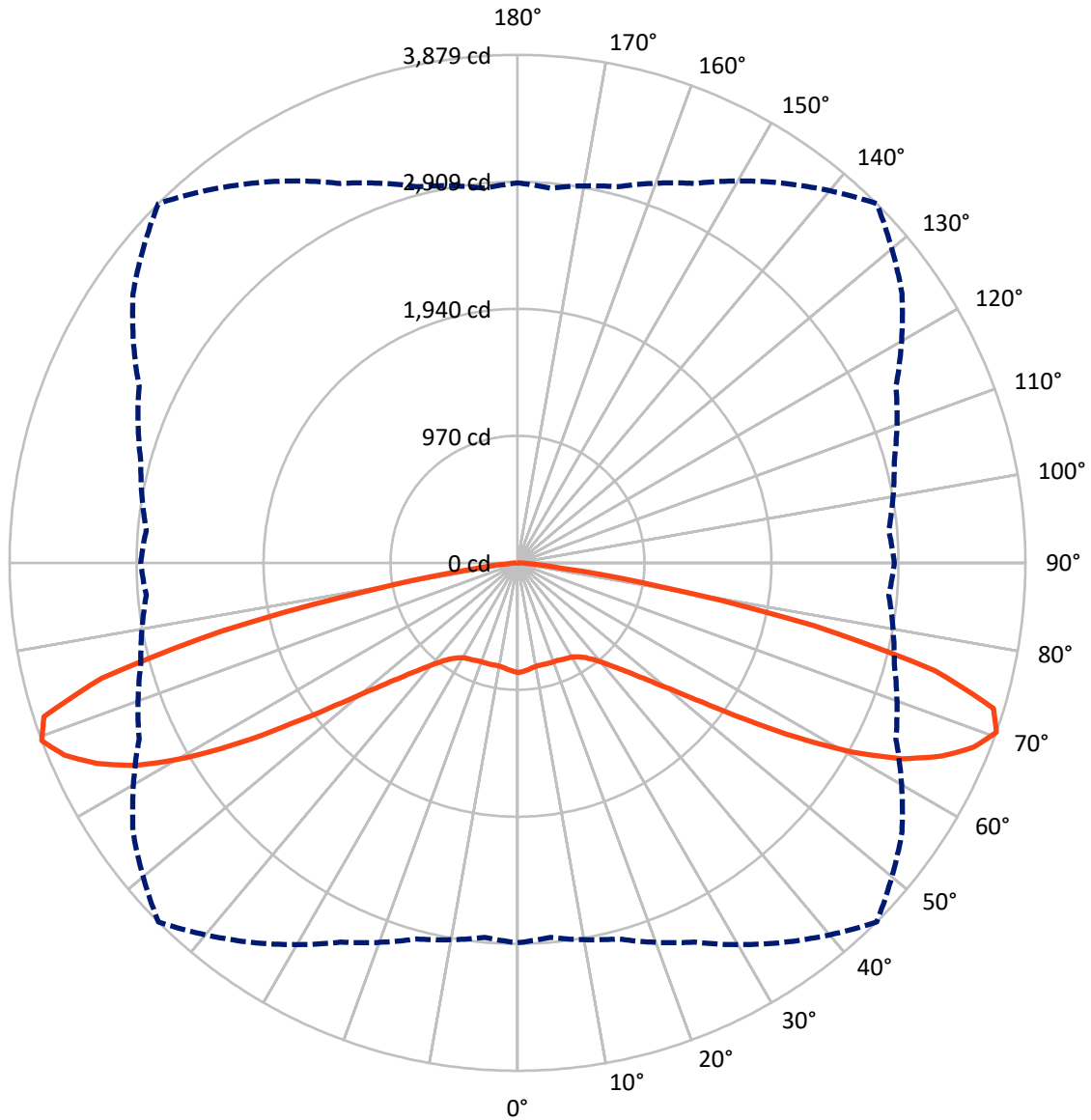
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.3 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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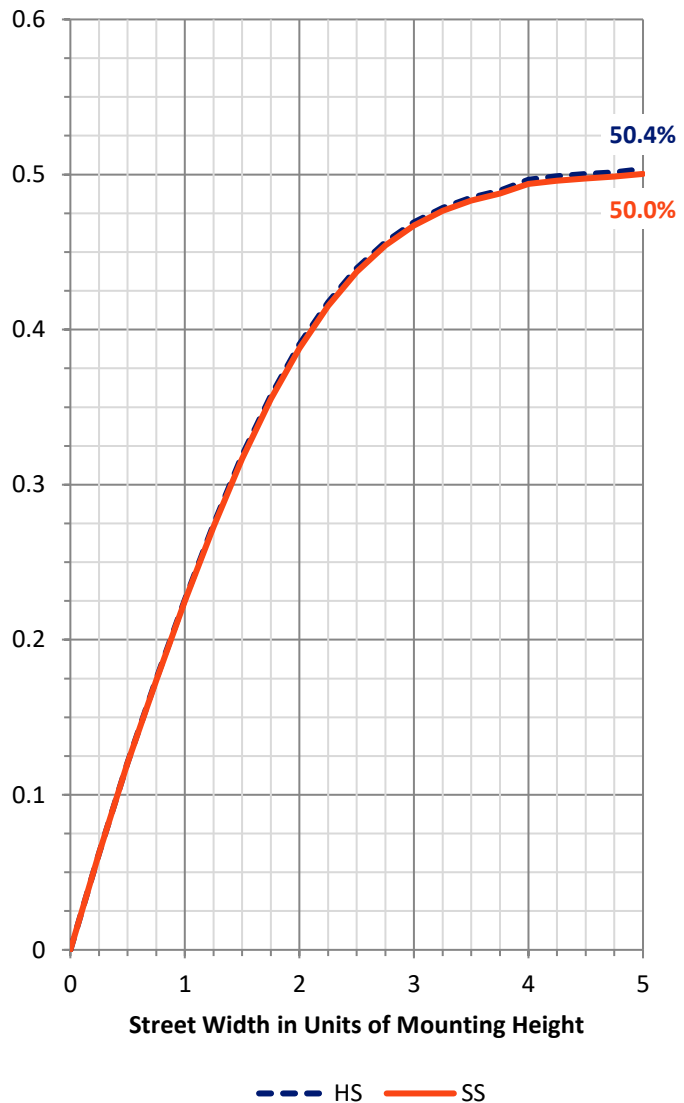
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4592.5	0.0	4592.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4592.5	0.0	4592.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	9185.0	0.0	9185.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.9	0.8
10°-20°	228.9	2.5
20°-30°	380.8	4.1
30°-40°	576.0	6.3
40°-50°	957.1	10.4
50°-60°	1806.0	19.7
60°-70°	3049.5	33.2
70°-80°	2003.8	21.8
80°-90°	105.0	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°	9185.0	100.0
0°-180°	9185.0	100.0

Coefficient of Utilization



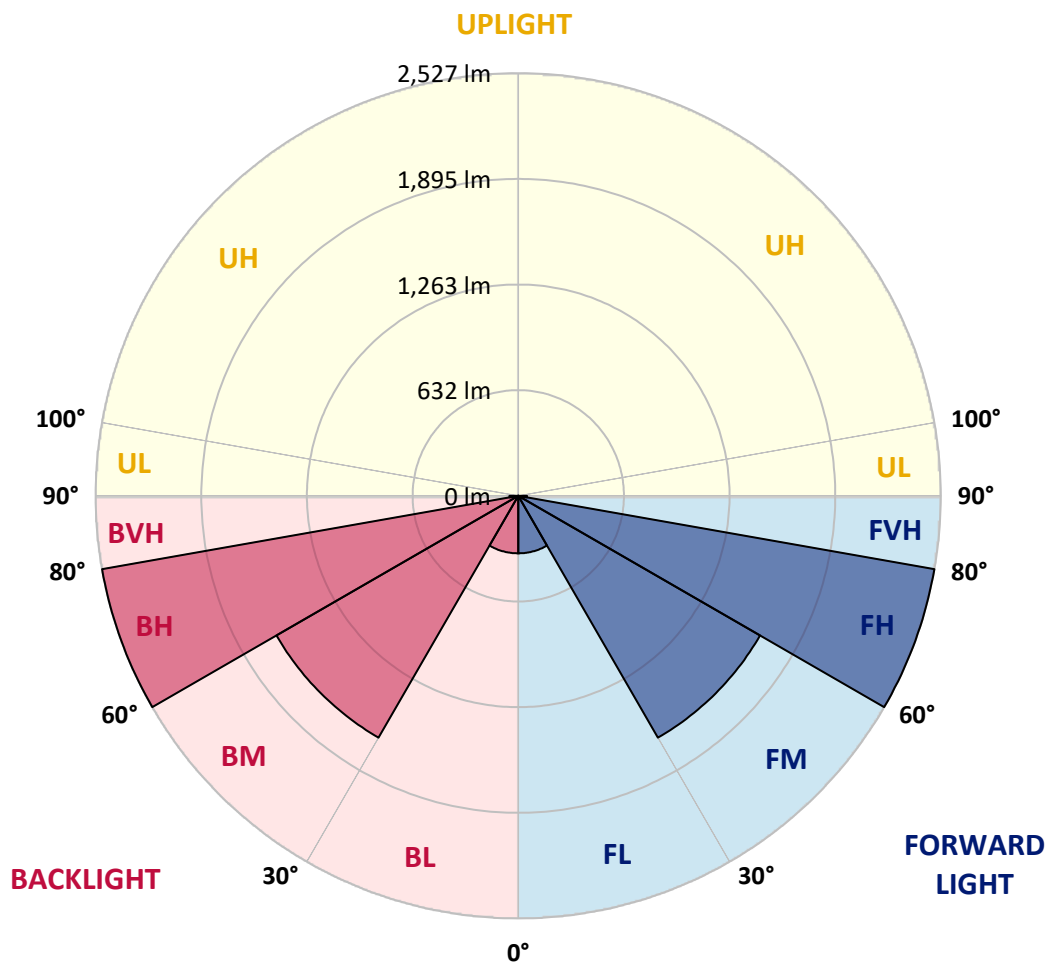
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	343.8	3.7			
FM (30°-60°)	1669.5	18.2			
FH (60°-80°)	2526.7	27.5			G2/5000
FVH (80°-90°)	52.5	0.6			G1/100
BL (0°-30°)	343.8	3.7	B1/500		
BM (30°-60°)	1669.5	18.2	B2/2500		
BH (60°-80°)	2526.7	27.5	B4/5000		G2/5000
BVH (80°-90°)	52.5	0.6			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G2

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	837.9	837.9	837.9	837.9	837.9	837.9	837.9	837.9	837.9	837.9
2.5°	832.6	835.0	834.0	832.1	832.1	830.7	832.1	833.1	834.5	835.5
5°	821.6	823.5	823.1	821.6	822.1	820.7	821.6	823.1	824.0	824.5
7.5°	812.1	814.0	813.0	810.6	810.6	809.2	809.7	811.1	812.6	813.0
10°	809.7	811.6	808.7	804.9	803.5	801.6	802.1	803.5	806.3	807.8
12.5°	810.6	812.1	809.2	803.5	802.1	800.1	800.1	801.6	805.4	807.3
15°	813.5	814.9	810.6	804.4	803.0	801.6	801.1	803.0	807.3	810.6
17.5°	818.8	820.2	813.5	804.9	803.0	803.5	803.0	804.4	811.1	817.3
20°	823.5	824.5	815.4	804.9	803.0	803.5	803.0	805.9	814.5	823.1
22.5°	825.0	825.9	817.3	808.3	806.8	807.3	806.8	809.7	817.8	826.4
25°	825.4	826.9	820.2	813.0	815.4	816.4	815.4	815.9	822.1	829.7
27.5°	832.6	834.5	828.3	822.1	823.5	823.1	824.5	825.9	830.7	838.3
30°	847.4	848.8	843.6	837.4	836.4	833.1	837.4	842.2	847.4	854.1
32.5°	871.8	874.6	867.9	861.3	857.0	855.0	858.4	866.5	873.7	880.8
35°	912.3	914.2	908.0	895.6	888.0	888.0	890.8	901.4	912.8	921.9
37.5°	969.6	972.0	961.0	946.2	934.8	934.8	938.6	949.6	966.8	979.6
40°	1039.3	1042.7	1028.8	1013.5	1002.6	1000.7	1005.4	1017.8	1034.1	1050.3
42.5°	1123.3	1127.2	1109.0	1095.7	1087.1	1087.1	1089.5	1100.9	1115.7	1135.8
45°	1230.8	1237.5	1212.6	1199.3	1191.1	1193.1	1194.5	1204.5	1217.9	1240.8
47.5°	1358.7	1365.4	1339.1	1325.3	1323.9	1332.9	1327.2	1334.4	1341.5	1367.8
50°	1503.8	1515.3	1497.2	1496.2	1499.1	1515.8	1502.4	1506.2	1498.1	1514.8
52.5°	1681.4	1698.2	1694.8	1700.5	1732.5	1766.9	1736.3	1723.0	1692.4	1697.7
55°	1896.8	1922.1	1926.8	1961.2	2033.8	2104.0	2039.0	1985.1	1920.1	1908.2
57.5°	2141.7	2161.7	2184.6	2254.8	2390.4	2515.0	2390.4	2271.0	2168.9	2144.5
60°	2405.2	2430.0	2452.0	2555.6	2757.1	2932.3	2753.2	2563.7	2428.6	2395.7
62.5°	2688.3	2720.3	2735.6	2850.6	3085.5	3294.6	3088.9	2859.2	2709.3	2674.0
65°	2960.0	2986.2	3003.4	3126.1	3350.5	3560.1	3365.8	3139.5	2985.3	2938.9
67.5°	3086.5	3100.8	3142.8	3281.7	3518.5	3757.7	3558.6	3296.5	3124.2	3043.0
70°	2901.2	2872.1	2973.3	3195.8	3538.6	3879.0	3584.4	3189.1	2978.1	2846.3
72.5°	2241.9	2191.8	2367.5	2748.0	3309.4	3801.6	3332.3	2769.5	2476.8	2209.5
75°	1219.8	1163.0	1405.5	1886.7	2639.1	3295.1	2699.8	1940.7	1565.0	1210.7
77.5°	344.2	322.7	518.5	912.8	1587.4	2313.5	1648.5	932.9	614.9	364.7
80°	105.5	102.2	138.4	275.0	674.1	1108.1	647.8	278.3	176.2	111.2
82.5°	62.5	57.3	68.7	100.3	171.9	348.0	167.1	104.6	84.0	56.3
85°	35.8	33.4	40.6	48.7	57.8	74.0	48.2	49.7	44.9	30.1
87.5°	14.8	13.4	15.8	15.3	13.4	17.2	12.9	15.3	18.1	11.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
837.9
835.0
824.5
813.0
807.8
807.8
811.1
817.3
823.5
826.4
829.3
836.4
852.7
878.0
918.5
974.9
1045.1
1134.3
1239.8
1360.1
1504.8
1680.0
1889.6
2127.3
2367.0
2645.3
2916.0
3044.0
2877.8
2275.8
1289.5
405.3
117.4
61.1
31.5
11.0
0.0

OF REPORT)