

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: P845991

Luminaire Tested: **GLAN-SB1B-930-U-5WQ**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P845991  
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-SB1B-930-U-5WQ  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 90 CRI, 3000K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3844 lumens  
Efficiency: N/A  
Efficacy: 96.6 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B3 - U0 - G1

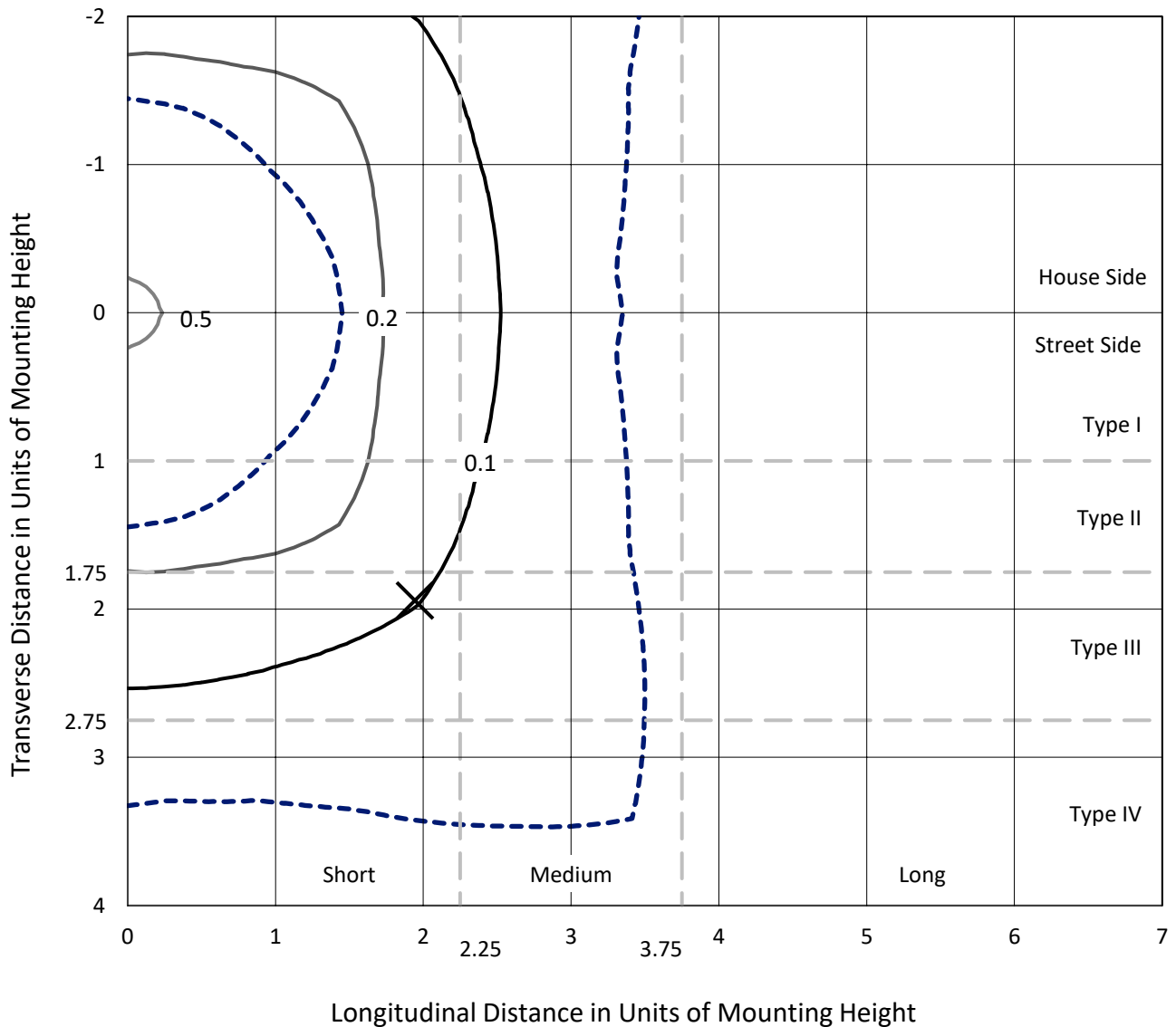
Input Watts (W): 39.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

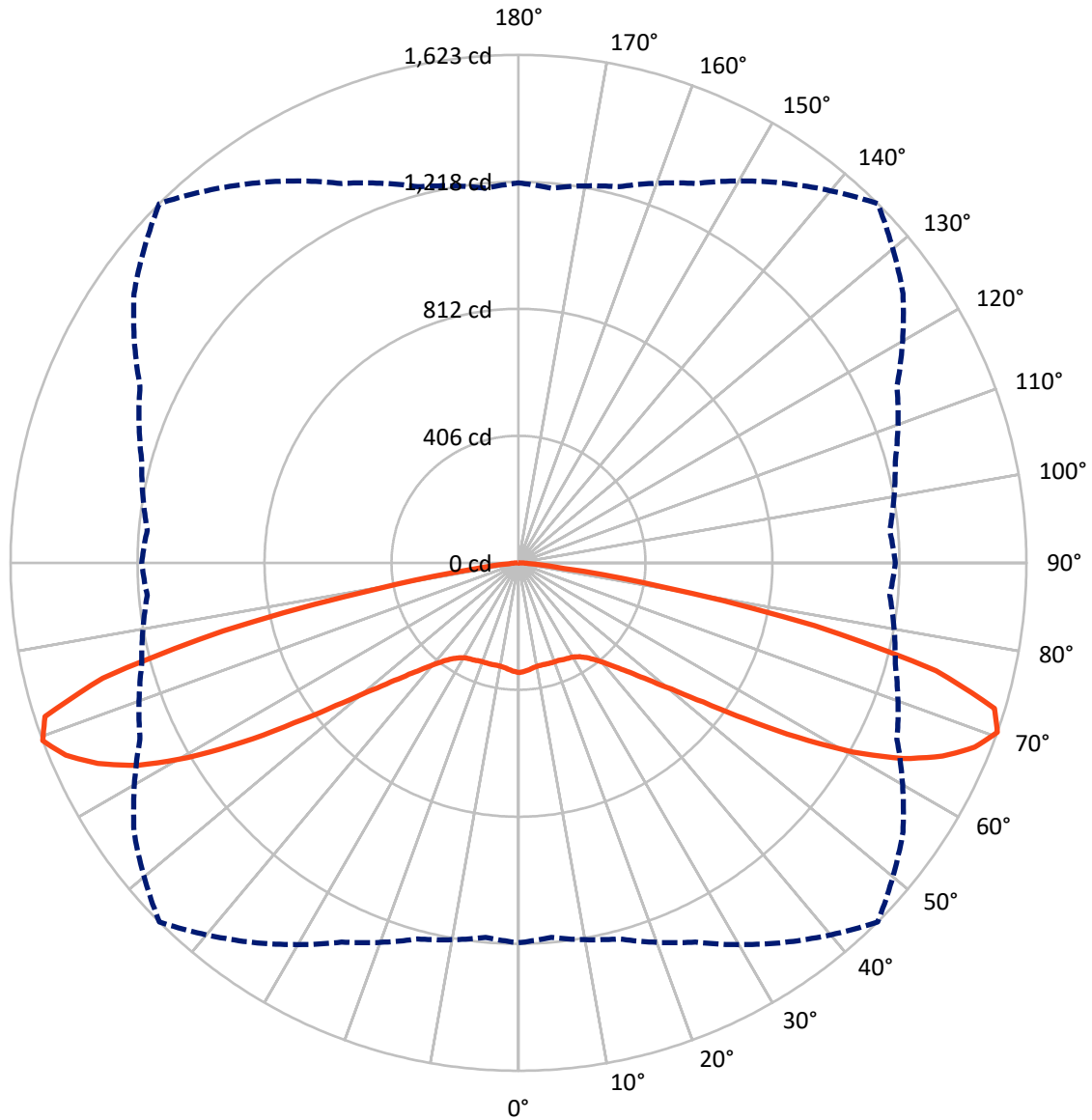
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.6 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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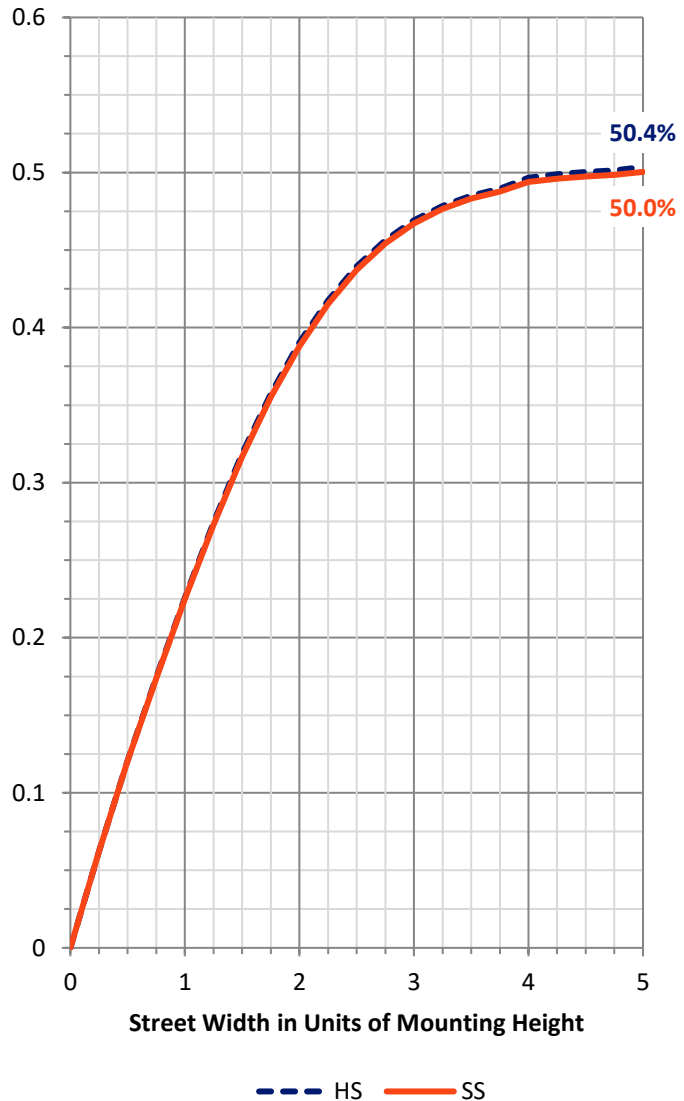
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1922.0	0.0	1922.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	1922.0	0.0	1922.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	3844.0	0.0	3844.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	32.6	0.8
10°-20°	95.8	2.5
20°-30°	159.4	4.1
30°-40°	241.0	6.3
40°-50°	400.5	10.4
50°-60°	755.8	19.7
60°-70°	1276.2	33.2
70°-80°	838.6	21.8
80°-90°	43.9	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°	3844.0	100.0
0°-180°	3844.0	100.0

**Coefficient of Utilization**



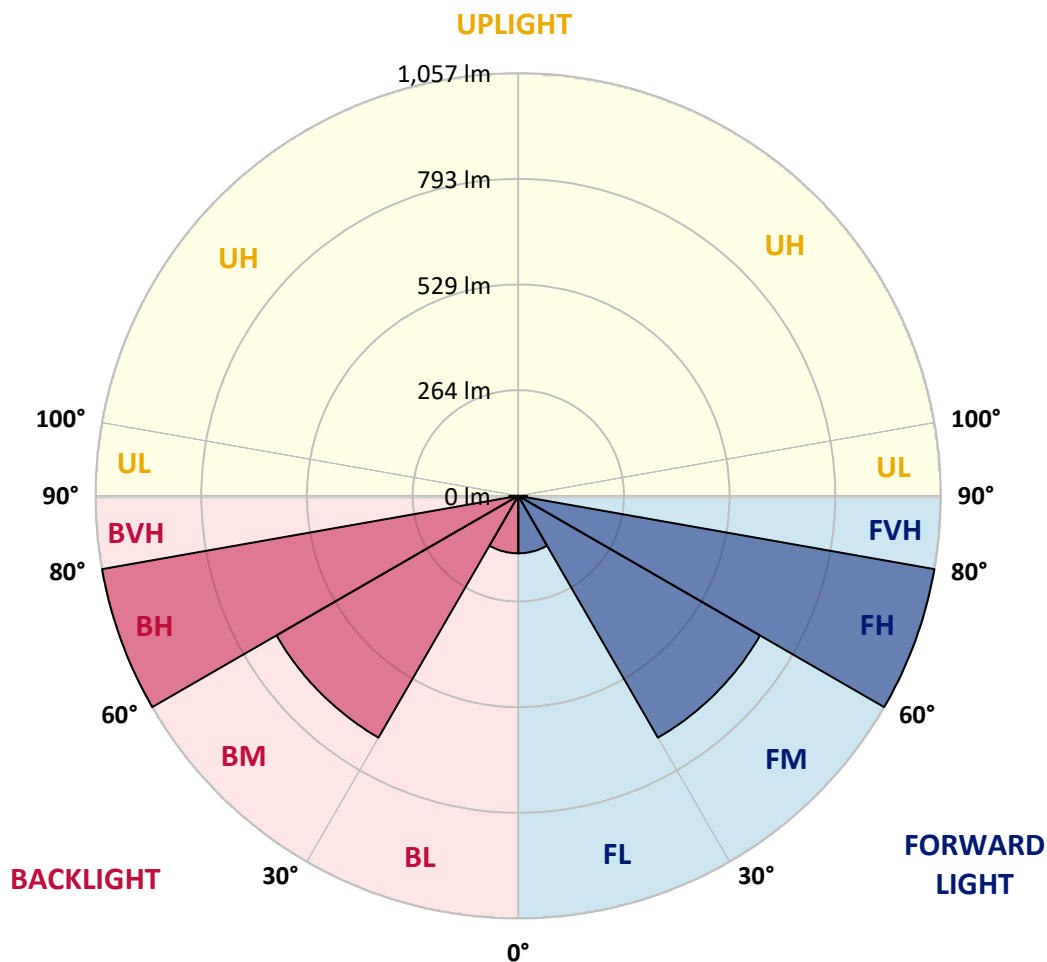
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	143.9	3.7			
FM (30°-60°)	698.7	18.2			
FH (60°-80°)	1057.4	27.5			G1/1800
FVH (80°-90°)	22.0	0.6			G1/100
BL (0°-30°)	143.9	3.7	B1/500		
BM (30°-60°)	698.7	18.2	B1/1000		
BH (60°-80°)	1057.4	27.5	B3/2500		G1/1800
BVH (80°-90°)	22.0	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-G1**

Type V Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	350.7	350.7	350.7	350.7	350.7	350.7	350.7	350.7	350.7	350.7
2.5°	348.5	349.5	349.1	348.3	348.3	347.7	348.3	348.7	349.3	349.7
5°	343.9	344.7	344.5	343.9	344.1	343.5	343.9	344.5	344.9	345.1
7.5°	339.9	340.7	340.3	339.3	339.3	338.7	338.9	339.5	340.1	340.3
10°	338.9	339.7	338.5	336.9	336.3	335.5	335.7	336.3	337.5	338.1
12.5°	339.3	339.9	338.7	336.3	335.7	334.9	334.9	335.5	337.1	337.9
15°	340.5	341.1	339.3	336.7	336.1	335.5	335.3	336.1	337.9	339.3
17.5°	342.7	343.3	340.5	336.9	336.1	336.3	336.1	336.7	339.5	342.1
20°	344.7	345.1	341.3	336.9	336.1	336.3	336.1	337.3	340.9	344.5
22.5°	345.3	345.7	342.1	338.3	337.7	337.9	337.7	338.9	342.3	345.9
25°	345.5	346.1	343.3	340.3	341.3	341.7	341.3	341.5	344.1	347.3
27.5°	348.5	349.3	346.7	344.1	344.7	344.5	345.1	345.7	347.7	350.8
30°	354.6	355.2	353.0	350.5	350.1	348.7	350.5	352.4	354.6	357.4
32.5°	364.8	366.0	363.2	360.4	358.6	357.8	359.2	362.6	365.6	368.6
35°	381.8	382.6	380.0	374.8	371.6	371.6	372.8	377.2	382.0	385.8
37.5°	405.8	406.8	402.2	396.0	391.2	391.2	392.8	397.4	404.6	410.0
40°	435.0	436.4	430.6	424.2	419.6	418.8	420.8	426.0	432.8	439.6
42.5°	470.1	471.7	464.1	458.5	454.9	454.9	455.9	460.7	466.9	475.3
45°	515.1	517.9	507.5	501.9	498.5	499.3	499.9	504.1	509.7	519.3
47.5°	568.6	571.4	560.4	554.6	554.0	557.8	555.4	558.4	561.4	572.4
50°	629.4	634.2	626.6	626.2	627.4	634.4	628.8	630.4	627.0	634.0
52.5°	703.7	710.7	709.3	711.7	725.1	739.5	726.7	721.1	708.3	710.5
55°	793.8	804.4	806.4	820.8	851.2	880.5	853.3	830.8	803.6	798.6
57.5°	896.3	904.7	914.3	943.7	1000.4	1052.5	1000.4	950.5	907.7	897.5
60°	1006.6	1017.0	1026.2	1069.5	1153.8	1227.2	1152.3	1072.9	1016.4	1002.6
62.5°	1125.1	1138.5	1144.9	1193.0	1291.3	1378.8	1292.7	1196.6	1133.9	1119.1
65°	1238.8	1249.8	1256.9	1308.3	1402.2	1489.9	1408.6	1313.9	1249.4	1230.0
67.5°	1291.7	1297.7	1315.3	1373.4	1472.5	1572.6	1489.3	1379.6	1307.5	1273.5
70°	1214.2	1202.0	1244.4	1337.5	1480.9	1623.4	1500.1	1334.7	1246.4	1191.2
72.5°	938.3	917.3	990.8	1150.1	1385.0	1591.0	1394.6	1159.0	1036.6	924.7
75°	510.5	486.7	588.2	789.6	1104.5	1379.0	1129.9	812.2	654.9	506.7
77.5°	144.1	135.1	217.0	382.0	664.3	968.2	689.9	390.4	257.3	152.6
80°	44.2	42.8	57.9	115.1	282.1	463.7	271.1	116.5	73.7	46.6
82.5°	26.2	24.0	28.8	42.0	71.9	145.7	69.9	43.8	35.2	23.6
85°	15.0	14.0	17.0	20.4	24.2	31.0	20.2	20.8	18.8	12.6
87.5°	6.2	5.6	6.6	6.4	5.6	7.2	5.4	6.4	7.6	5.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
350.7
349.5
345.1
340.3
338.1
338.1
339.5
342.1
344.7
345.9
347.1
350.1
356.8
367.4
384.4
408.0
437.4
474.7
518.9
569.2
629.8
703.1
790.8
890.3
990.6
1107.1
1220.4
1273.9
1204.4
952.4
539.7
169.6
49.2
25.6
13.2
4.6
0.0

OF REPORT)