

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: P846331

Luminaire Tested: **GLAN-SB1D-930-U-5WQ**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P846331  
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-SB1D-930-U-5WQ  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 90 CRI, 3000K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6947 lumens  
Efficiency: N/A  
Efficacy: 87.3 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B3 - U0 - G2

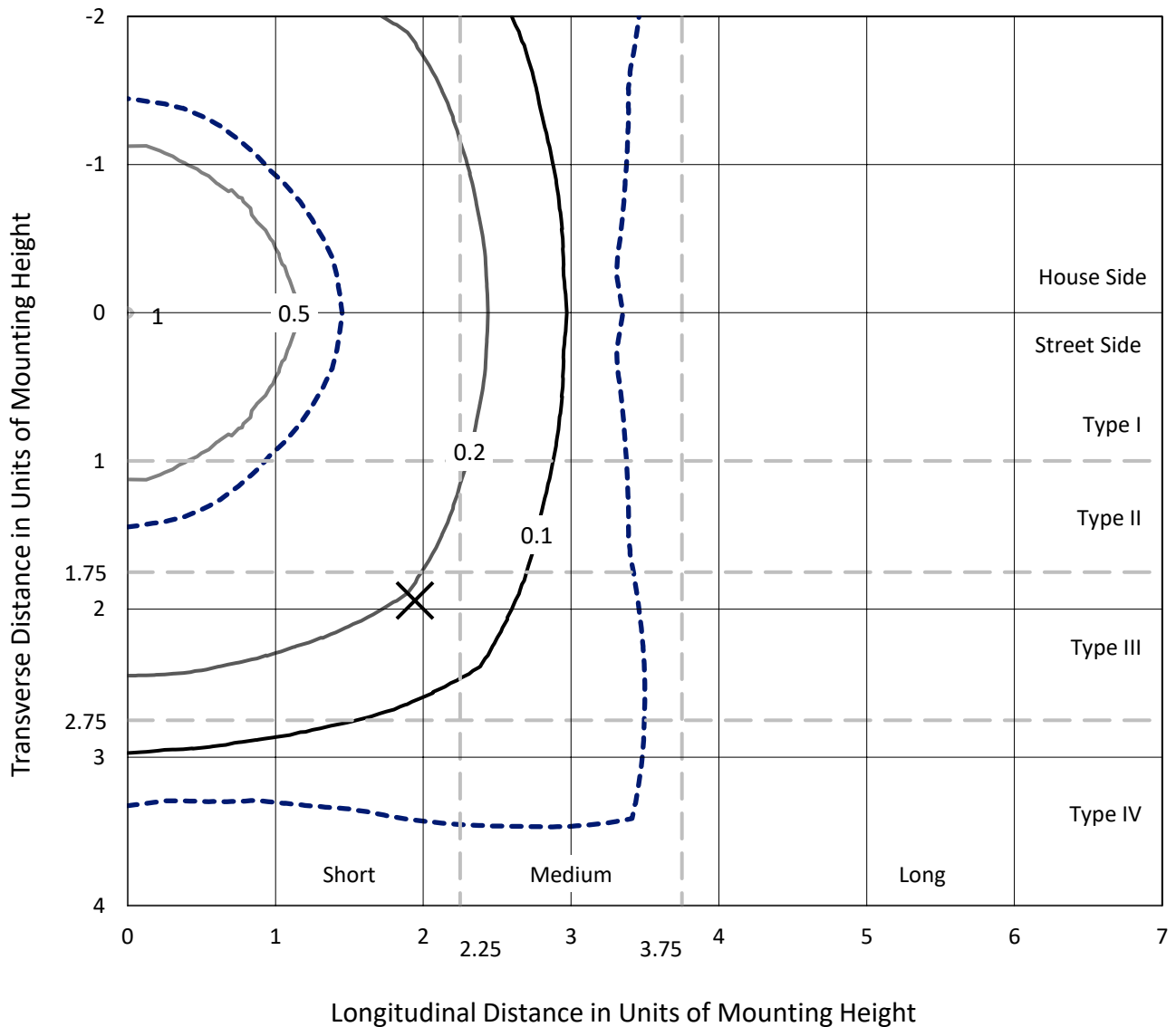
Input Watts (W): 79.6  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

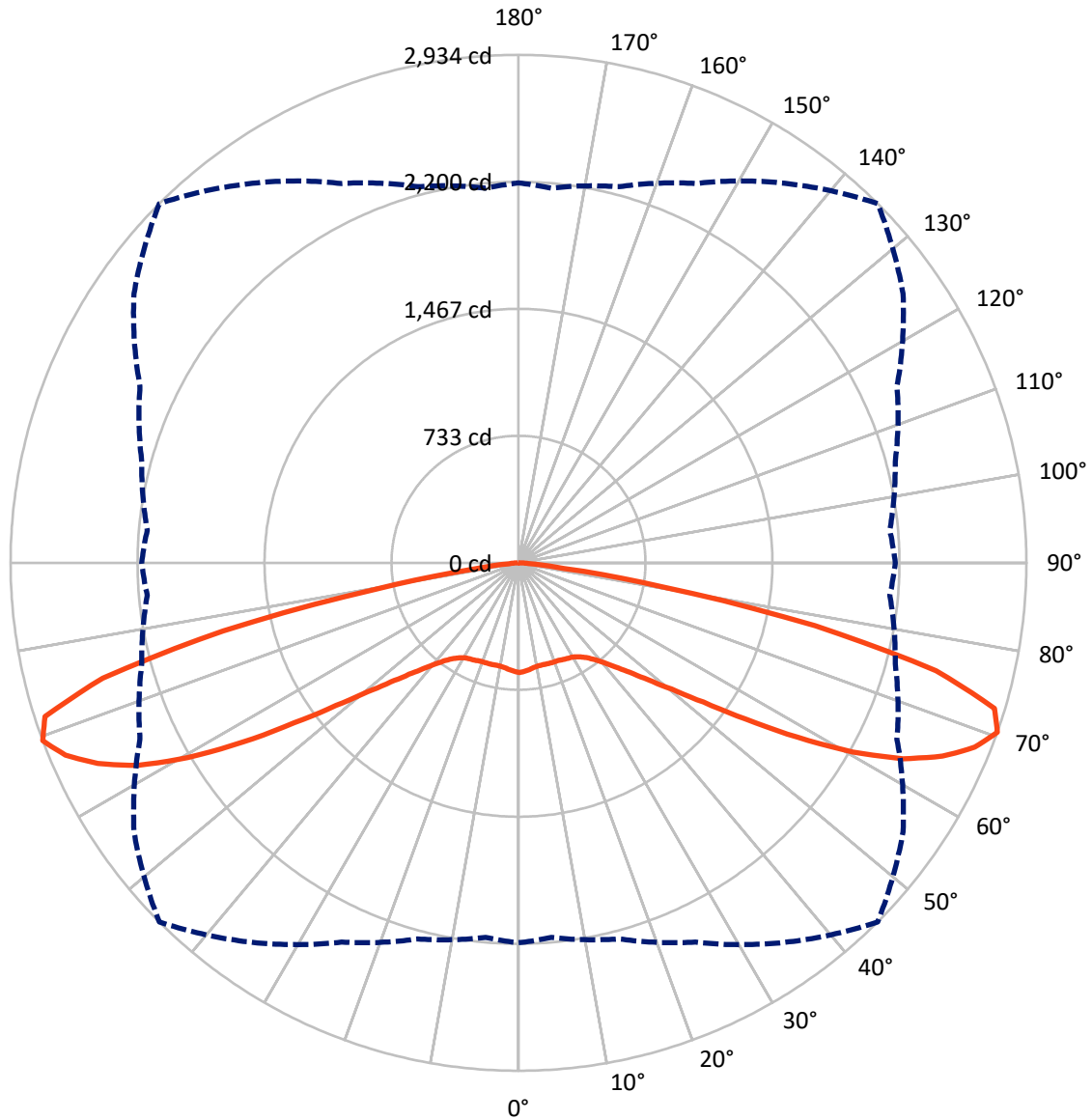
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 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
<b>House Side</b>	Lumens	3473.5	0.0	3473.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	3473.5	0.0	3473.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	6947.0	0.0	6947.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	58.9	0.8
10°-20°	173.1	2.5
20°-30°	288.0	4.1
30°-40°	435.6	6.3
40°-50°	723.9	10.4
50°-60°	1366.0	19.7
60°-70°	2306.5	33.2
70°-80°	1515.6	21.8
80°-90°	79.4	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°	6947.0	100.0
0°-180°	6947.0	100.0

**Coefficient of Utilization**



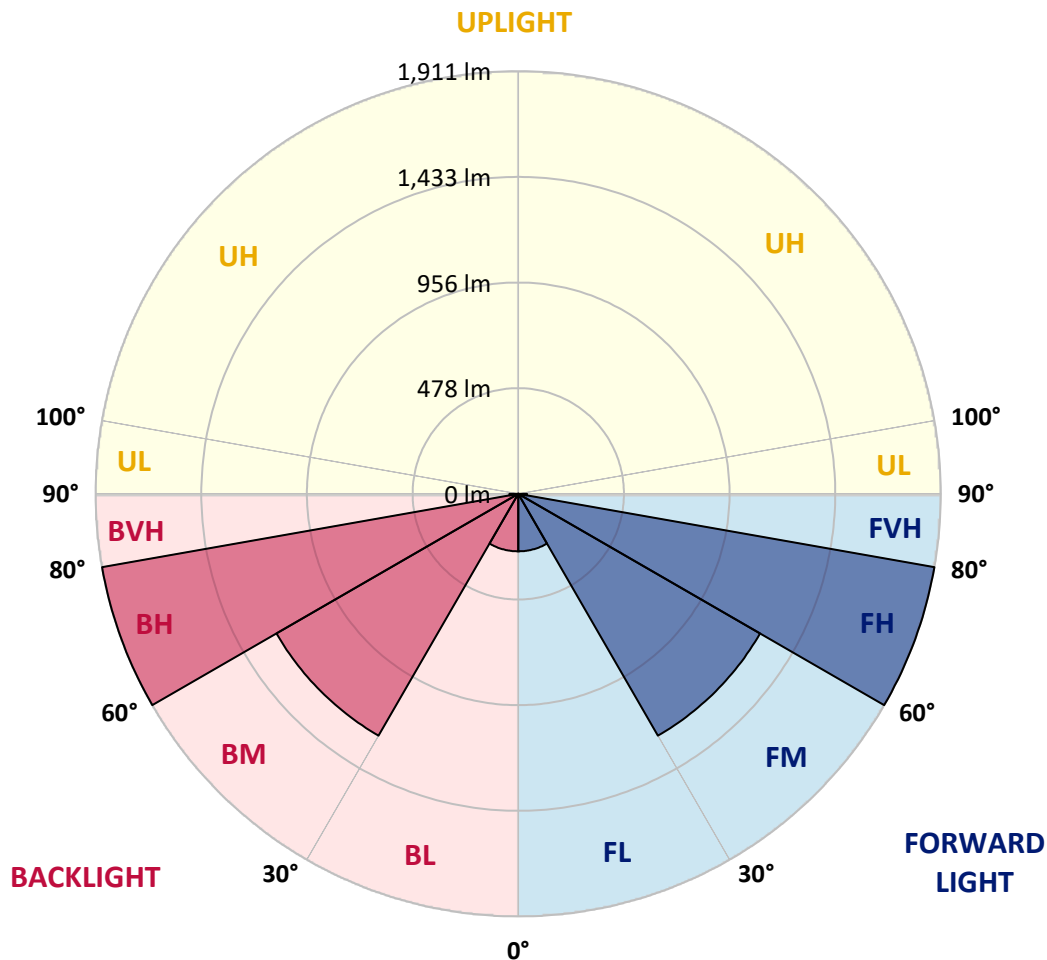
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	260.0	3.7			
FM (30°-60°)	1262.7	18.2			
FH (60°-80°)	1911.0	27.5			G2/5000
FVH (80°-90°)	39.7	0.6			G1/100
BL (0°-30°)	260.0	3.7	B1/500		
BM (30°-60°)	1262.7	18.2	B2/2500		
BH (60°-80°)	1911.0	27.5	B3/2500		G2/5000
BVH (80°-90°)	39.7	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°	633.7	633.7	633.7	633.7	633.7	633.7	633.7	633.7	633.7	633.7
2.5°	629.7	631.5	630.8	629.4	629.4	628.3	629.4	630.1	631.2	631.9
5°	621.4	622.9	622.5	621.4	621.8	620.7	621.4	622.5	623.2	623.6
7.5°	614.2	615.7	614.9	613.1	613.1	612.0	612.4	613.5	614.6	614.9
10°	612.4	613.8	611.7	608.8	607.7	606.3	606.6	607.7	609.9	611.0
12.5°	613.1	614.2	612.0	607.7	606.6	605.2	605.2	606.3	609.2	610.6
15°	615.3	616.4	613.1	608.4	607.3	606.3	605.9	607.3	610.6	613.1
17.5°	619.3	620.3	615.3	608.8	607.3	607.7	607.3	608.4	613.5	618.2
20°	622.9	623.6	616.7	608.8	607.3	607.7	607.3	609.5	616.0	622.5
22.5°	624.0	624.7	618.2	611.3	610.2	610.6	610.2	612.4	618.5	625.0
25°	624.3	625.4	620.3	614.9	616.7	617.5	616.7	617.1	621.8	627.6
27.5°	629.7	631.2	626.5	621.8	622.9	622.5	623.6	624.7	628.3	634.1
30°	640.9	642.0	638.0	633.3	632.6	630.1	633.3	637.0	640.9	646.0
32.5°	659.3	661.5	656.5	651.4	648.1	646.7	649.2	655.4	660.8	666.2
35°	690.0	691.5	686.8	677.4	671.6	671.6	673.8	681.7	690.4	697.3
37.5°	733.4	735.2	726.9	715.7	707.0	707.0	709.9	718.2	731.2	740.9
40°	786.1	788.6	778.1	766.6	758.3	756.8	760.4	769.8	782.1	794.4
42.5°	849.6	852.5	838.8	828.7	822.2	822.2	824.0	832.7	843.9	859.0
45°	930.9	935.9	917.2	907.0	900.9	902.4	903.4	911.0	921.1	938.5
47.5°	1027.7	1032.7	1012.8	1002.4	1001.3	1008.2	1003.8	1009.2	1014.7	1034.5
50°	1137.4	1146.1	1132.4	1131.6	1133.8	1146.4	1136.3	1139.2	1133.1	1145.7
52.5°	1271.7	1284.4	1281.9	1286.2	1310.4	1336.4	1313.3	1303.2	1280.1	1284.0
55°	1434.6	1453.7	1457.3	1483.3	1538.2	1591.3	1542.2	1501.4	1452.3	1443.3
57.5°	1619.8	1635.0	1652.3	1705.4	1808.0	1902.2	1808.0	1717.7	1640.4	1622.0
60°	1819.2	1837.9	1854.5	1932.9	2085.3	2217.8	2082.4	1939.0	1836.8	1811.9
62.5°	2033.3	2057.5	2069.0	2156.0	2333.7	2491.9	2336.2	2162.5	2049.2	2022.4
65°	2238.7	2258.6	2271.6	2364.4	2534.1	2692.6	2545.7	2374.5	2257.9	2222.8
67.5°	2334.4	2345.3	2377.0	2482.1	2661.2	2842.1	2691.5	2493.3	2362.9	2301.6
70°	2194.3	2172.3	2248.8	2417.1	2676.4	2933.8	2711.0	2412.1	2252.5	2152.8
72.5°	1695.7	1657.7	1790.6	2078.4	2503.0	2875.3	2520.4	2094.7	1873.3	1671.1
75°	922.6	879.6	1063.0	1427.0	1996.1	2492.2	2041.9	1467.8	1183.6	915.7
77.5°	260.3	244.1	392.1	690.4	1200.6	1749.8	1246.8	705.6	465.1	275.9
80°	79.8	77.3	104.7	208.0	509.9	838.1	490.0	210.5	133.2	84.1
82.5°	47.3	43.3	52.0	75.8	130.0	263.2	126.4	79.1	63.6	42.6
85°	27.1	25.3	30.7	36.8	43.7	56.0	36.5	37.6	33.9	22.7
87.5°	11.2	10.1	11.9	11.6	10.1	13.0	9.7	11.6	13.7	9.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
633.7
631.5
623.6
614.9
611.0
611.0
613.5
618.2
622.9
625.0
627.2
632.6
644.9
664.0
694.7
737.3
790.4
857.9
937.7
1028.7
1138.1
1270.7
1429.2
1609.0
1790.3
2000.8
2205.5
2302.3
2176.6
1721.3
975.3
306.6
88.8
46.2
23.8
8.3
0.0

OF REPORT)