

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: P846161

Luminaire Tested: **GLAN-SB1C-930-U-5WQ**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P846161  
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-SB1C-930-U-5WQ  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 90 CRI, 3000K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5112 lumens  
Efficiency: N/A  
Efficacy: 94.0 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

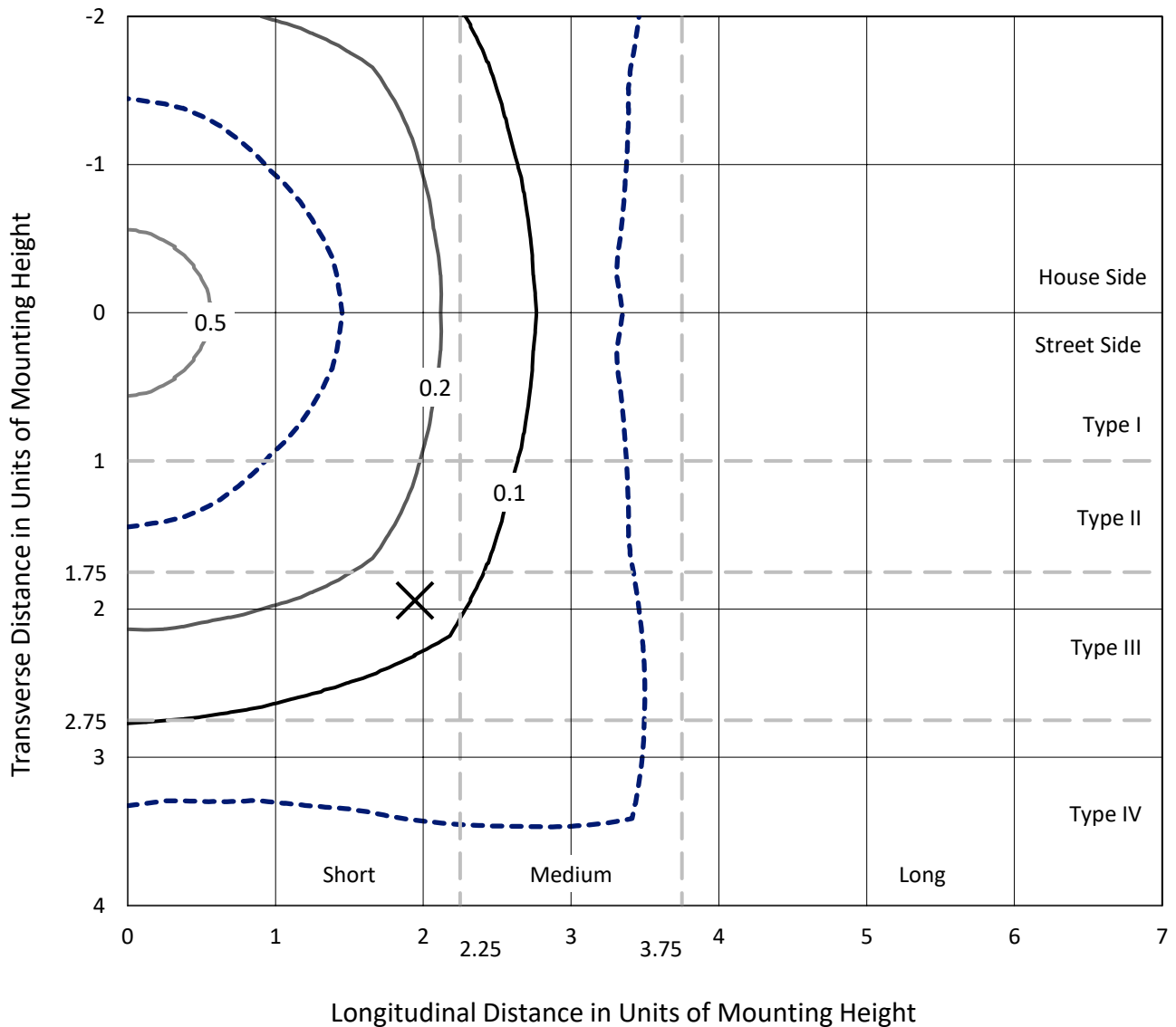
Input Watts (W): 54.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

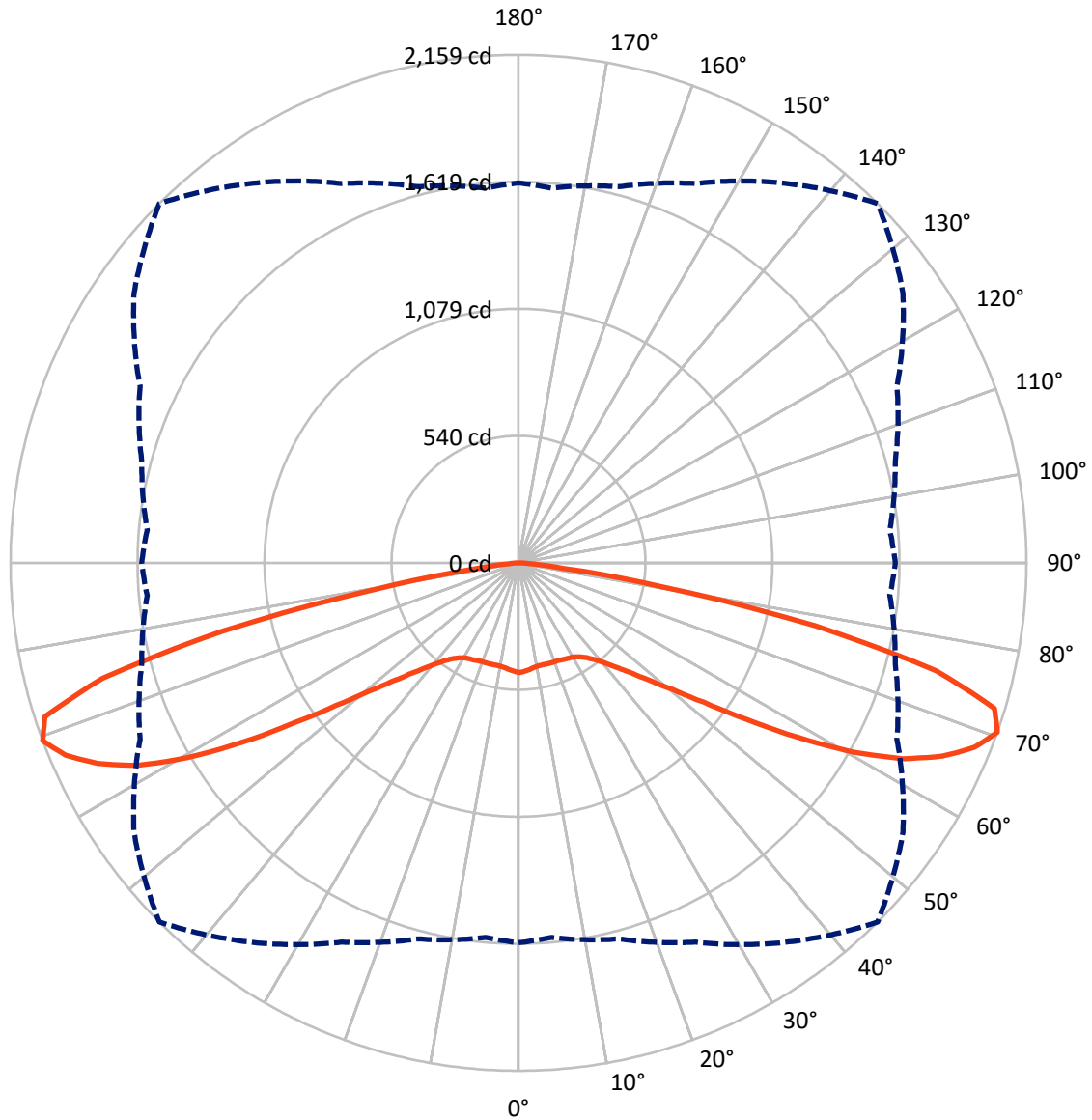
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.7 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	2556.0	0.0	2556.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	2556.0	0.0	2556.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	5112.0	0.0	5112.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	43.4	0.8
10°-20°	127.4	2.5
20°-30°	212.0	4.1
30°-40°	320.6	6.3
40°-50°	532.7	10.4
50°-60°	1005.1	19.7
60°-70°	1697.2	33.2
70°-80°	1115.3	21.8
80°-90°	58.4	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°	5112.0	100.0
0°-180°	5112.0	100.0

**Coefficient of Utilization**



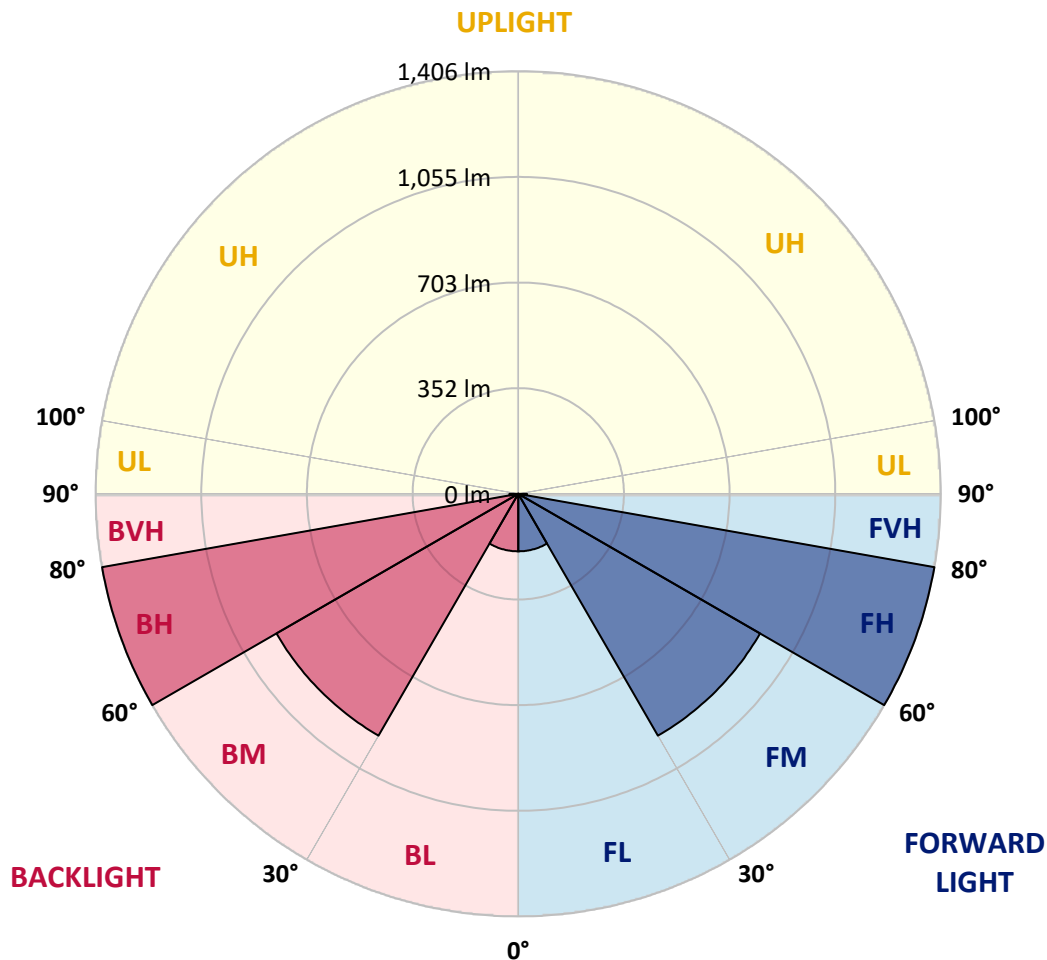
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	191.4	3.7			
FM (30°-60°)	929.2	18.2			
FH (60°-80°)	1406.2	27.5			G1/1800
FVH (80°-90°)	29.2	0.6			G1/100
BL (0°-30°)	191.4	3.7	B1/500		
BM (30°-60°)	929.2	18.2	B1/1000		
BH (60°-80°)	1406.2	27.5	B3/2500		G1/1800
BVH (80°-90°)	29.2	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°	466.3	466.3	466.3	466.3	466.3	466.3	466.3	466.3	466.3	466.3
2.5°	463.4	464.7	464.2	463.1	463.1	462.3	463.1	463.7	464.5	465.0
5°	457.3	458.3	458.1	457.3	457.5	456.8	457.3	458.1	458.6	458.9
7.5°	452.0	453.0	452.5	451.2	451.2	450.4	450.6	451.4	452.2	452.5
10°	450.6	451.7	450.1	448.0	447.2	446.1	446.4	447.2	448.8	449.6
12.5°	451.2	452.0	450.4	447.2	446.4	445.3	445.3	446.1	448.2	449.3
15°	452.8	453.6	451.2	447.7	446.9	446.1	445.9	446.9	449.3	451.2
17.5°	455.7	456.5	452.8	448.0	446.9	447.2	446.9	447.7	451.4	454.9
20°	458.3	458.9	453.8	448.0	446.9	447.2	446.9	448.5	453.3	458.1
22.5°	459.1	459.7	454.9	449.8	449.0	449.3	449.0	450.6	455.2	459.9
25°	459.4	460.2	456.5	452.5	453.8	454.4	453.8	454.1	457.5	461.8
27.5°	463.4	464.5	461.0	457.5	458.3	458.1	458.9	459.7	462.3	466.6
30°	471.6	472.4	469.5	466.1	465.5	463.7	466.1	468.7	471.6	475.4
32.5°	485.2	486.8	483.1	479.3	476.9	475.9	477.7	482.3	486.2	490.2
35°	507.8	508.8	505.4	498.5	494.2	494.2	495.8	501.7	508.0	513.1
37.5°	539.7	541.0	534.9	526.6	520.3	520.3	522.4	528.5	538.1	545.2
40°	578.4	580.3	572.6	564.1	558.0	556.9	559.6	566.5	575.5	584.6
42.5°	625.2	627.3	617.2	609.8	605.0	605.0	606.3	612.7	621.0	632.1
45°	685.0	688.7	674.9	667.5	662.9	664.0	664.8	670.4	677.8	690.6
47.5°	756.2	759.9	745.3	737.6	736.8	741.9	738.7	742.7	746.6	761.3
50°	837.0	843.4	833.3	832.7	834.3	843.6	836.2	838.3	833.8	843.1
52.5°	935.8	945.1	943.3	946.5	964.3	983.4	966.4	958.9	941.9	944.9
55°	1055.7	1069.7	1072.4	1091.5	1131.9	1171.0	1134.8	1104.8	1068.7	1062.0
57.5°	1192.0	1203.1	1215.9	1254.9	1330.4	1399.7	1330.4	1264.0	1207.1	1193.6
60°	1338.6	1352.5	1364.7	1422.3	1534.5	1632.0	1532.3	1426.9	1351.7	1333.3
62.5°	1496.2	1514.0	1522.5	1586.5	1717.3	1833.7	1719.1	1591.3	1507.9	1488.2
65°	1647.4	1662.0	1671.6	1739.9	1864.7	1981.4	1873.2	1747.3	1661.5	1635.7
67.5°	1717.8	1725.8	1749.2	1826.5	1958.3	2091.4	1980.6	1834.7	1738.8	1693.6
70°	1614.7	1598.5	1654.8	1778.6	1969.4	2158.9	1994.9	1774.9	1657.5	1584.2
72.5°	1247.8	1219.9	1317.6	1529.4	1841.9	2115.8	1854.6	1541.4	1378.5	1229.7
75°	678.9	647.3	782.2	1050.1	1468.8	1833.9	1502.6	1080.1	871.0	673.8
77.5°	191.6	179.6	288.6	508.0	883.5	1287.6	917.5	519.2	342.2	203.0
80°	58.7	56.9	77.1	153.0	375.2	616.7	360.6	154.9	98.0	61.9
82.5°	34.8	31.9	38.3	55.8	95.7	193.7	93.0	58.2	46.8	31.4
85°	19.9	18.6	22.6	27.1	32.2	41.2	26.8	27.6	25.0	16.7
87.5°	8.2	7.4	8.8	8.5	7.4	9.6	7.2	8.5	10.1	6.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
466.3
464.7
458.9
452.5
449.6
449.6
451.4
454.9
458.3
459.9
461.5
465.5
474.6
488.6
511.2
542.6
581.6
631.3
690.0
757.0
837.5
935.0
1051.7
1184.0
1317.4
1472.3
1622.9
1694.2
1601.7
1266.6
717.7
225.6
65.4
34.0
17.5
6.1
0.0

OF REPORT)