

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: P846371

Luminaire Tested: **GLAN-SB2A-722-U-5WQ**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P846371  
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-SB2A-722-U-5WQ  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(2) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V WIDE OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7096 lumens  
Efficiency: N/A  
Efficacy: 123.8 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B3 - U0 - G2

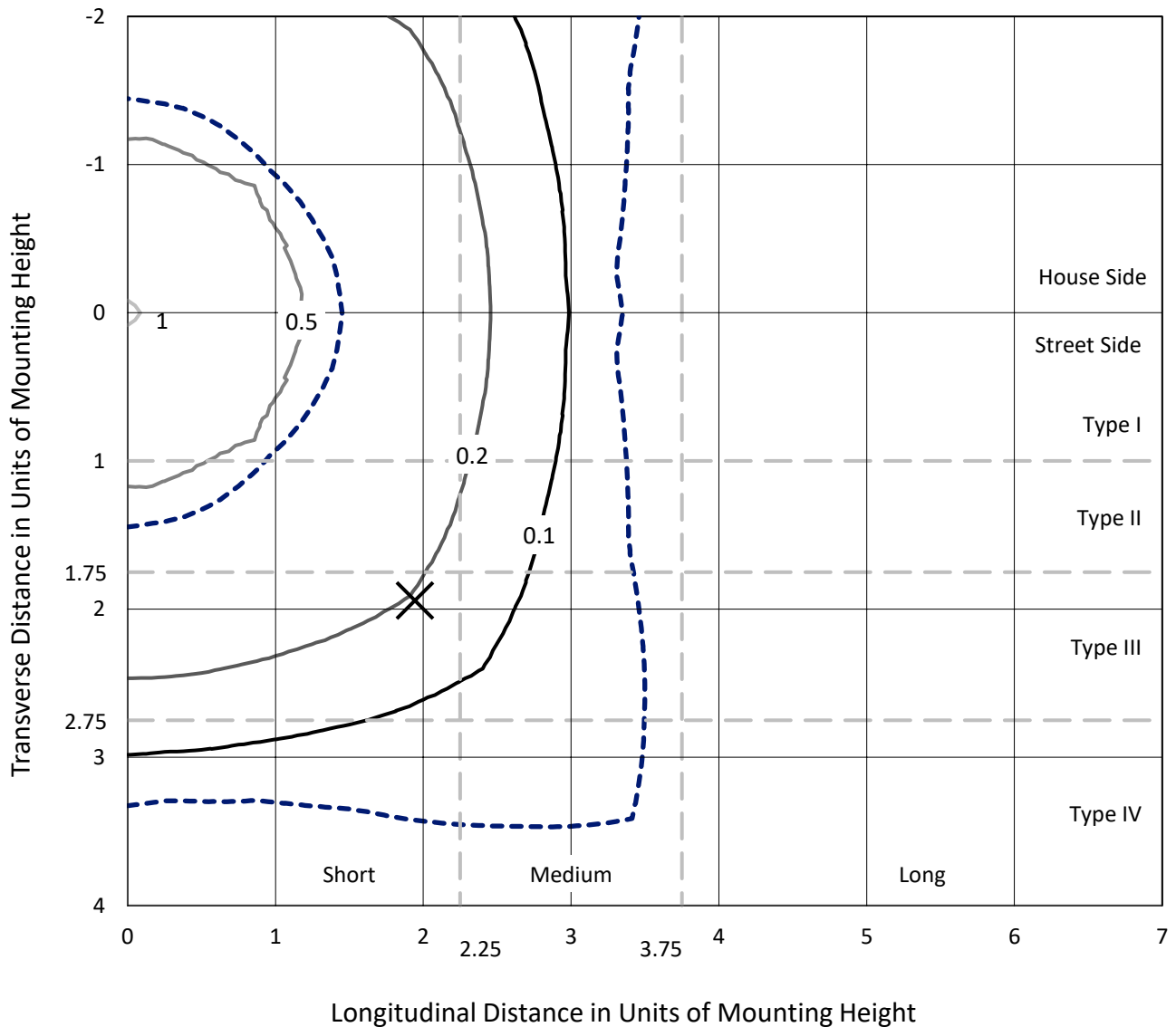
Input Watts (W): 57.3  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

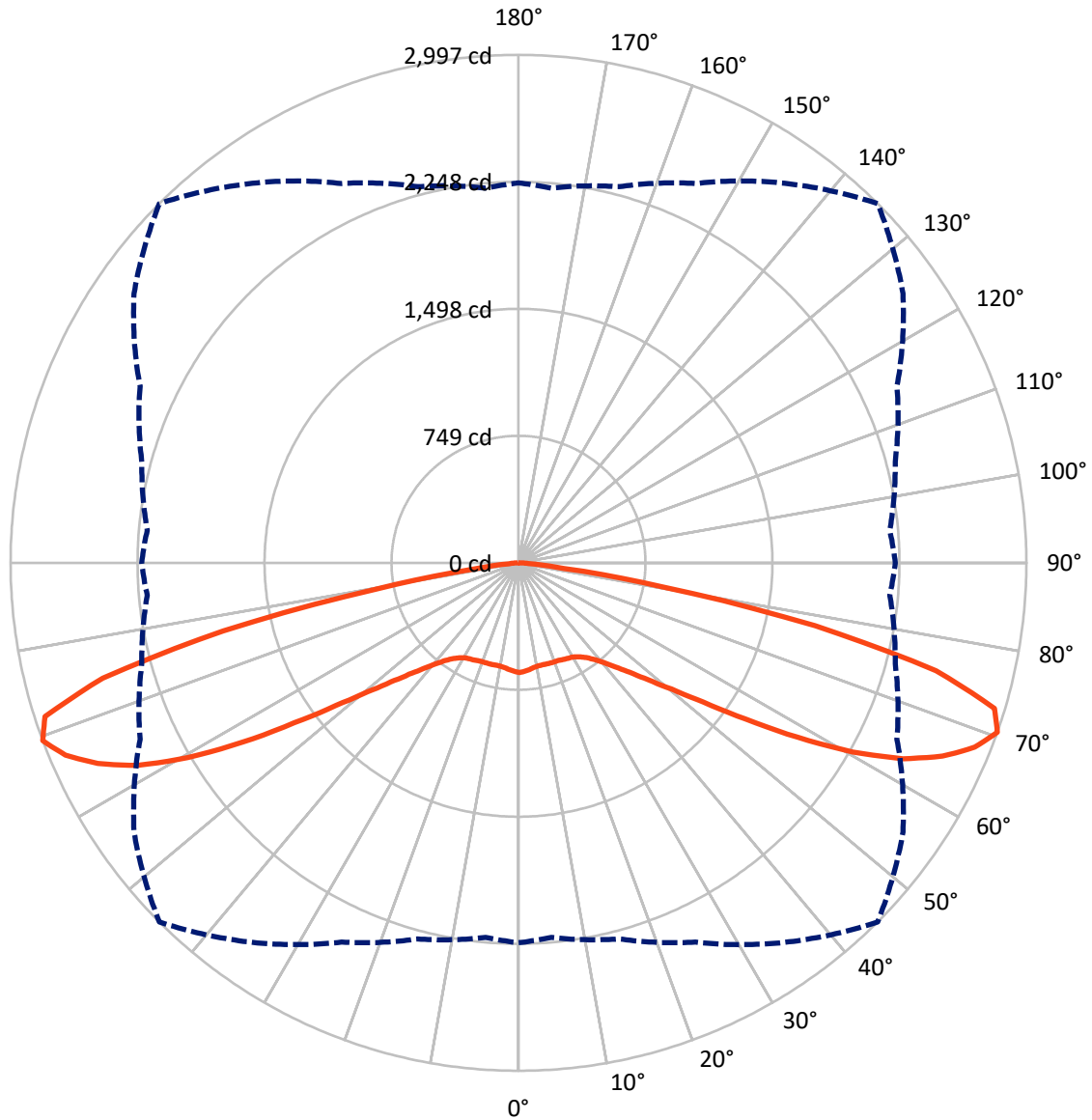
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1 fc  
 Type V - Short - N/A

REPORT NUMBER: P846371  
CATALOG NUMBER: GLAN-SB2A-722-U-5WQ

### Luminous Intensity Polar Plot



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

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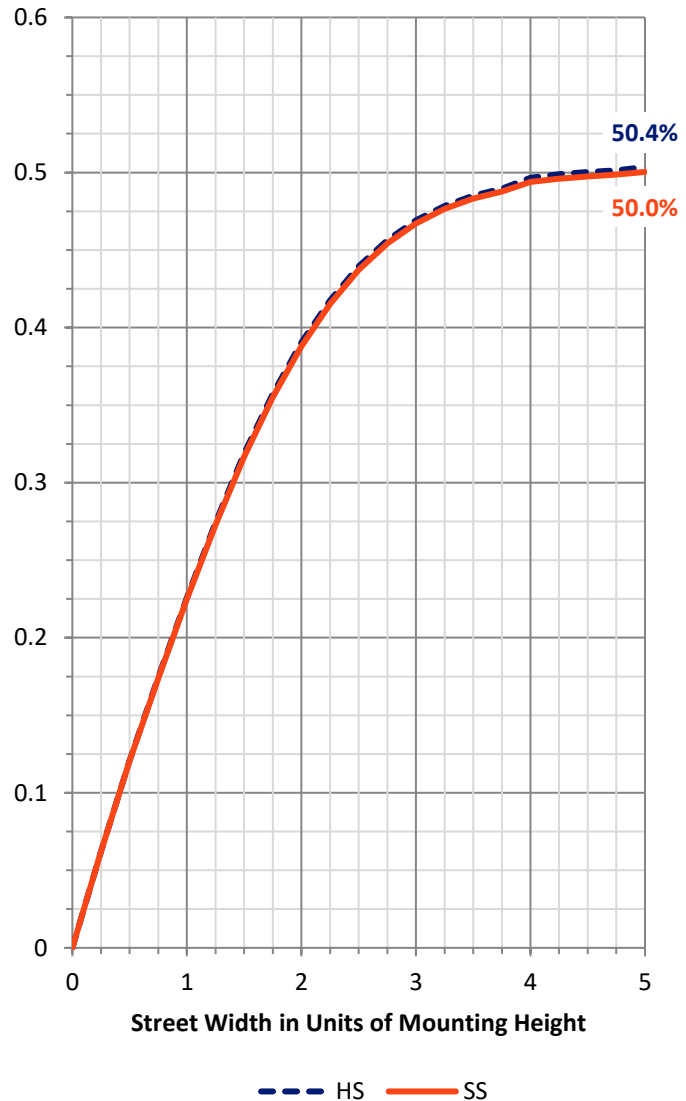
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3548.0	0.0	3548.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	3548.0	0.0	3548.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	7096.0	0.0	7096.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	60.2	0.8
10°-20°	176.8	2.5
20°-30°	294.2	4.1
30°-40°	445.0	6.3
40°-50°	739.4	10.4
50°-60°	1395.2	19.7
60°-70°	2355.9	33.2
70°-80°	1548.1	21.8
80°-90°	81.1	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°	7096.0	100.0
0°-180°	7096.0	100.0

**Coefficient of Utilization**



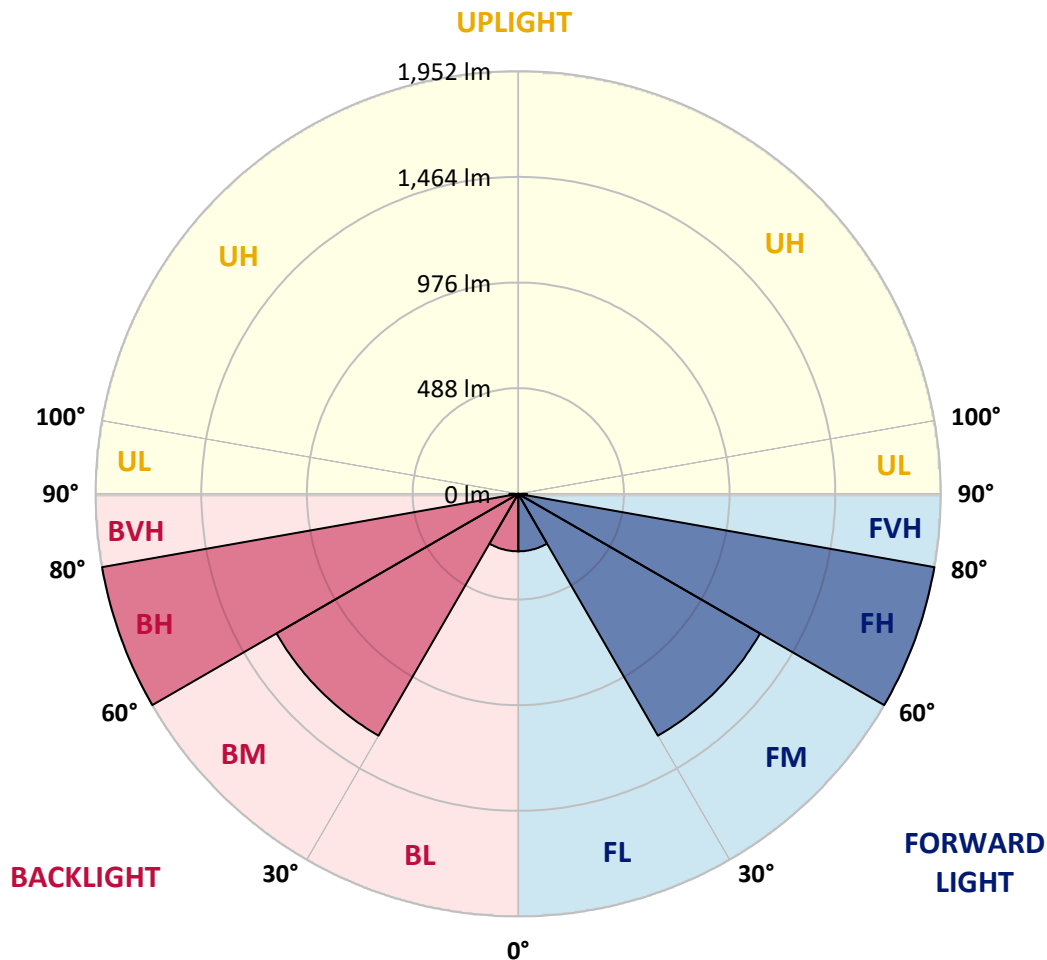
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	265.6	3.7			
FM (30°-60°)	1289.8	18.2			
FH (60°-80°)	1952.0	27.5			G2/5000
FVH (80°-90°)	40.6	0.6			G1/100
BL (0°-30°)	265.6	3.7	B1/500		
BM (30°-60°)	1289.8	18.2	B2/2500		
BH (60°-80°)	1952.0	27.5	B3/2500		G2/5000
BVH (80°-90°)	40.6	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°	647.3	647.3	647.3	647.3	647.3	647.3	647.3	647.3	647.3	647.3
2.5°	643.2	645.1	644.3	642.9	642.9	641.8	642.9	643.6	644.7	645.5
5°	634.8	636.2	635.9	634.8	635.1	634.0	634.8	635.9	636.6	637.0
7.5°	627.4	628.9	628.1	626.3	626.3	625.2	625.5	626.6	627.8	628.1
10°	625.5	627.0	624.8	621.8	620.7	619.3	619.6	620.7	623.0	624.1
12.5°	626.3	627.4	625.2	620.7	619.6	618.2	618.2	619.3	622.2	623.7
15°	628.5	629.6	626.3	621.5	620.4	619.3	618.9	620.4	623.7	626.3
17.5°	632.5	633.7	628.5	621.8	620.4	620.7	620.4	621.5	626.6	631.4
20°	636.2	637.0	630.0	621.8	620.4	620.7	620.4	622.6	629.2	635.9
22.5°	637.3	638.1	631.4	624.4	623.3	623.7	623.3	625.5	631.8	638.4
25°	637.7	638.8	633.7	628.1	630.0	630.7	630.0	630.3	635.1	641.0
27.5°	643.2	644.7	639.9	635.1	636.2	635.9	637.0	638.1	641.8	647.7
30°	654.7	655.8	651.7	646.9	646.2	643.6	646.9	650.6	654.7	659.8
32.5°	673.5	675.7	670.5	665.4	662.1	660.6	663.2	669.4	675.0	680.5
35°	704.8	706.3	701.5	691.9	686.0	686.0	688.2	696.4	705.2	712.2
37.5°	749.1	750.9	742.5	731.0	722.2	722.2	725.1	733.6	746.9	756.8
40°	802.9	805.5	794.8	783.0	774.5	773.1	776.8	786.3	798.9	811.4
42.5°	867.9	870.8	856.8	846.5	839.8	839.8	841.7	850.5	862.0	877.4
45°	950.8	956.0	936.8	926.5	920.2	921.7	922.8	930.6	940.9	958.6
47.5°	1049.7	1054.9	1034.6	1023.9	1022.8	1029.8	1025.3	1030.9	1036.4	1056.7
50°	1161.8	1170.7	1156.7	1155.9	1158.1	1171.0	1160.7	1163.7	1157.4	1170.3
52.5°	1299.0	1311.9	1309.3	1313.8	1338.5	1365.0	1341.4	1331.1	1307.5	1311.6
55°	1465.4	1484.9	1488.6	1515.2	1571.2	1625.4	1575.3	1533.6	1483.4	1474.2
57.5°	1654.6	1670.1	1687.8	1742.0	1846.7	1943.0	1846.7	1754.5	1675.6	1656.8
60°	1858.2	1877.3	1894.3	1974.4	2130.0	2265.4	2127.0	1980.6	1876.2	1850.8
62.5°	2076.9	2101.6	2113.4	2202.3	2383.8	2545.3	2386.3	2208.9	2093.1	2065.8
65°	2286.8	2307.0	2320.3	2415.1	2588.5	2750.4	2600.3	2425.4	2306.3	2270.5
67.5°	2384.5	2395.6	2428.0	2535.3	2718.3	2903.1	2749.3	2546.8	2413.6	2350.9
70°	2241.4	2218.9	2297.1	2469.0	2733.8	2996.8	2769.2	2463.8	2300.8	2199.0
72.5°	1732.0	1693.3	1829.0	2123.0	2556.7	2937.0	2574.4	2139.6	1913.5	1706.9
75°	942.4	898.5	1085.8	1457.6	2038.9	2545.7	2085.7	1499.3	1209.0	935.4
77.5°	265.9	249.3	400.6	705.2	1226.4	1787.4	1273.6	720.7	475.1	281.8
80°	81.5	78.9	107.0	212.4	520.8	856.1	500.5	215.0	136.1	85.9
82.5°	48.3	44.3	53.1	77.5	132.8	268.9	129.1	80.8	64.9	43.5
85°	27.7	25.8	31.4	37.6	44.6	57.2	37.3	38.4	34.7	23.2
87.5°	11.4	10.3	12.2	11.8	10.3	13.3	10.0	11.8	14.0	9.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
647.3
645.1
637.0
628.1
624.1
624.1
626.6
631.4
636.2
638.4
640.7
646.2
658.7
678.3
709.6
753.2
807.4
876.3
957.9
1050.8
1162.6
1297.9
1459.8
1643.5
1828.7
2043.7
2252.8
2351.7
2223.3
1758.2
996.2
313.1
90.7
47.2
24.3
8.5
0.0

OF REPORT)