

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: P939220

Luminaire Tested: **GLAN-SB1D-722-U-5WQ**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P939220
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB1D-722-U-5WQ
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 2200K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8506 lumens
Efficiency: N/A
Efficacy: 106.9 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

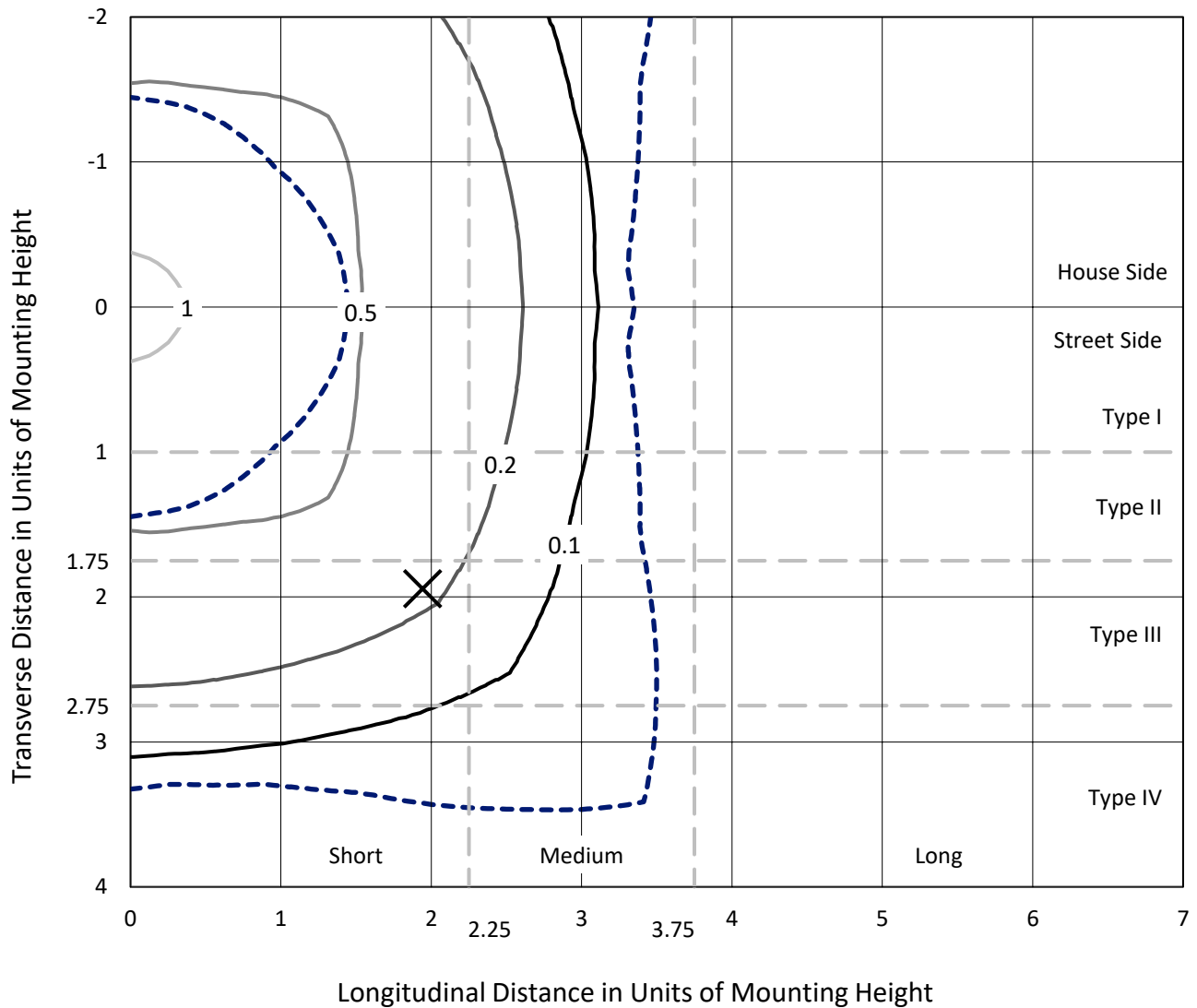
Input Watts (W): 79.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

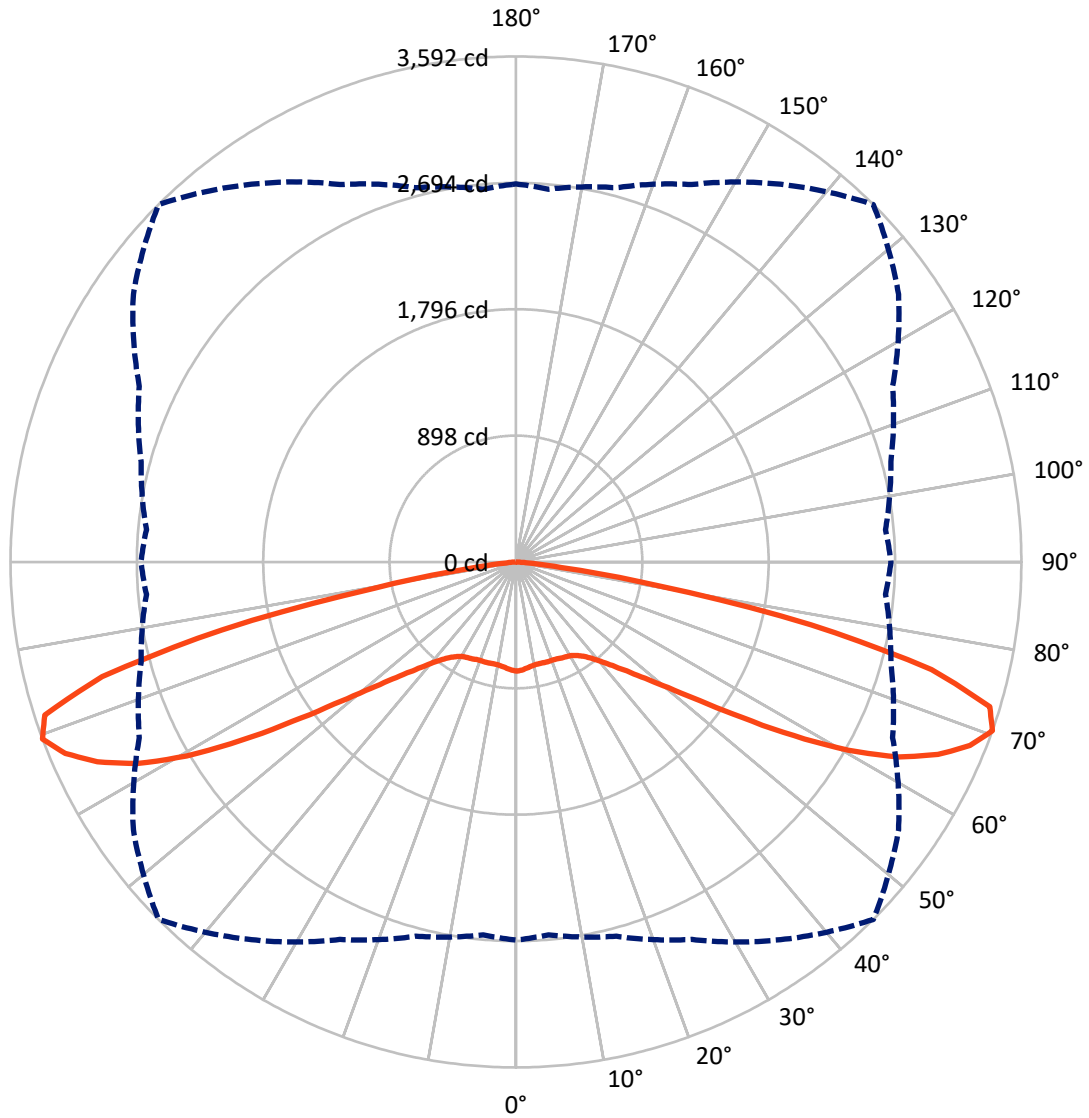
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.2 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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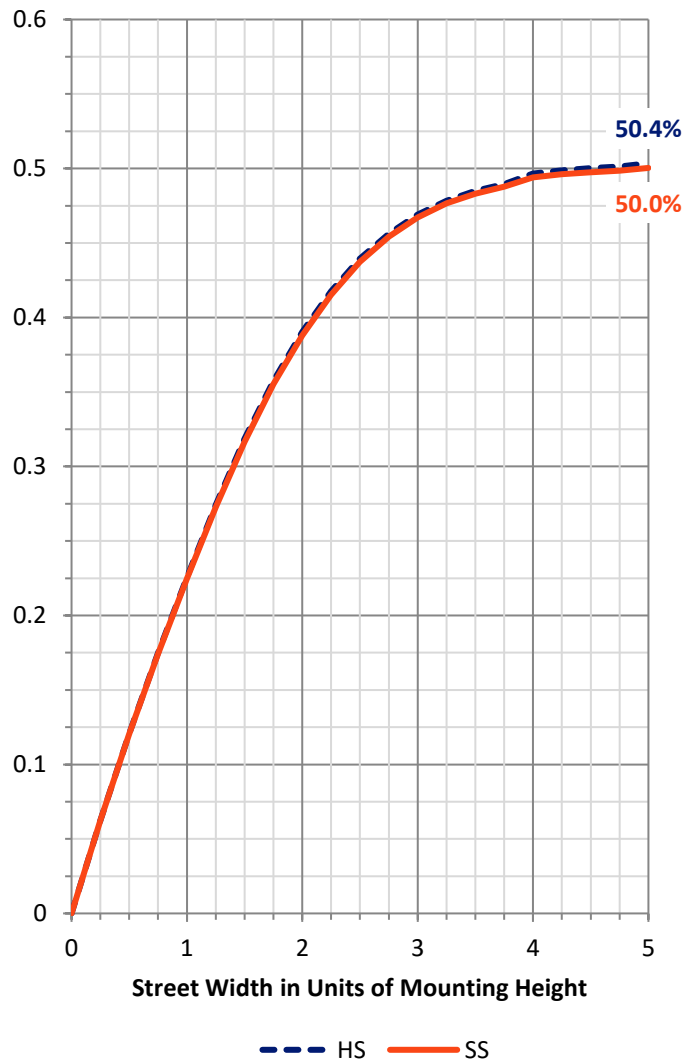
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4253.0	0.0	4253.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4253.0	0.0	4253.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	8506.0	0.0	8506.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.2	0.8
10°-20°	211.9	2.5
20°-30°	352.7	4.1
30°-40°	533.4	6.3
40°-50°	886.3	10.4
50°-60°	1672.5	19.7
60°-70°	2824.1	33.2
70°-80°	1855.7	21.8
80°-90°	97.2	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°	8506.0	100.0
0°-180°	8506.0	100.0

Coefficient of Utilization



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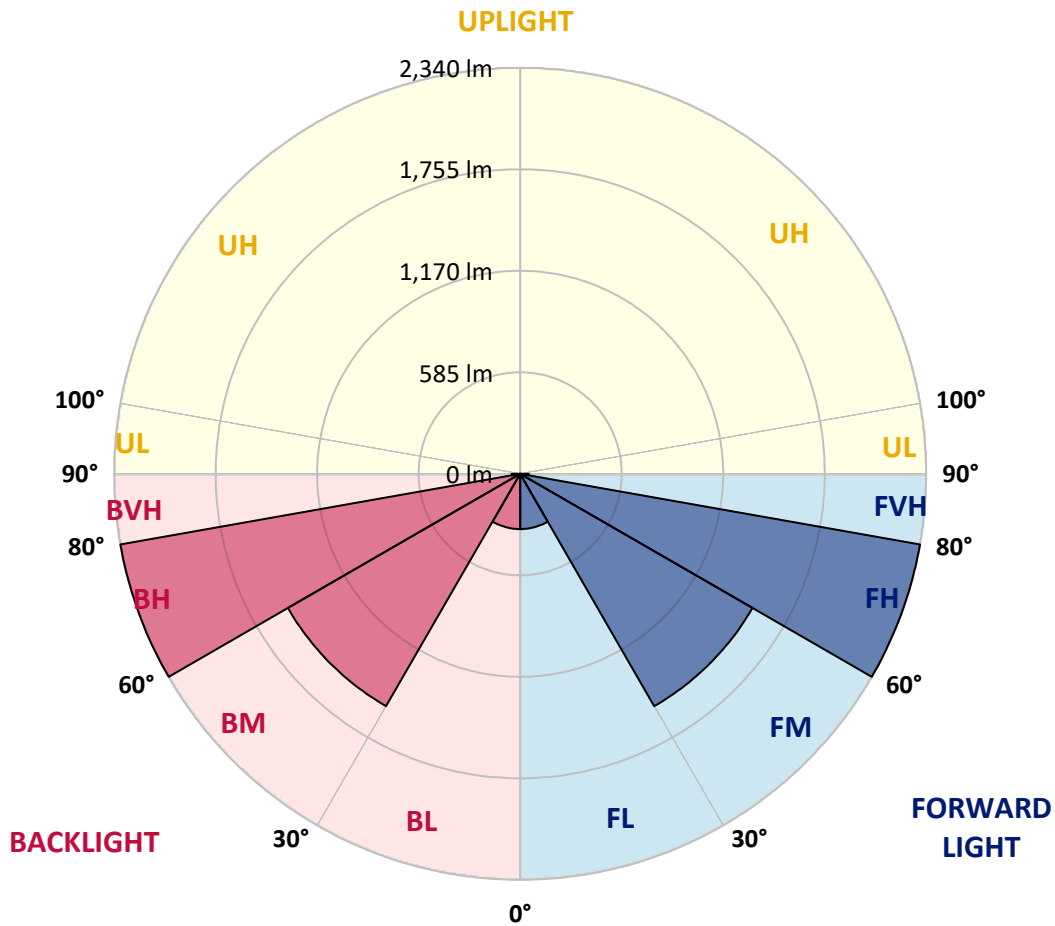
CATALOG NUMBER: GLAN-SB1D-722-U-5WQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	318.4	3.7			
FM (30°-60°)	1546.1	18.2			
FH (60°-80°)	2339.9	27.5			G2/5000
FVH (80°-90°)	48.6	0.6			G1/100
BL (0°-30°)	318.4	3.7	B1/500		
BM (30°-60°)	1546.1	18.2	B2/2500		
BH (60°-80°)	2339.9	27.5	B3/2500		G2/5000
BVH (80°-90°)	48.6	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°	775.9	775.9	775.9	775.9	775.9	775.9	775.9	775.9	775.9	775.9
2.5°	771.1	773.3	772.4	770.6	770.6	769.3	770.6	771.5	772.8	773.7
5°	760.9	762.7	762.2	760.9	761.3	760.0	760.9	762.2	763.1	763.5
7.5°	752.0	753.8	752.9	750.7	750.7	749.4	749.8	751.2	752.5	752.9
10°	749.8	751.6	748.9	745.4	744.1	742.3	742.8	744.1	746.7	748.1
12.5°	750.7	752.0	749.4	744.1	742.8	741.0	741.0	742.3	745.9	747.6
15°	753.4	754.7	750.7	745.0	743.6	742.3	741.9	743.6	747.6	750.7
17.5°	758.2	759.6	753.4	745.4	743.6	744.1	743.6	745.0	751.2	756.9
20°	762.7	763.5	755.1	745.4	743.6	744.1	743.6	746.3	754.3	762.2
22.5°	764.0	764.9	756.9	748.5	747.2	747.6	747.2	749.8	757.3	765.3
25°	764.4	765.7	759.6	752.9	755.1	756.0	755.1	755.6	761.3	768.4
27.5°	771.1	772.8	767.1	761.3	762.7	762.2	763.5	764.9	769.3	776.4
30°	784.8	786.1	781.2	775.5	774.6	771.5	775.5	779.9	784.8	791.0
32.5°	807.3	810.0	803.8	797.6	793.6	791.8	794.9	802.4	809.1	815.7
35°	844.9	846.7	840.9	829.4	822.3	822.3	825.0	834.7	845.3	853.7
37.5°	897.9	900.2	890.0	876.3	865.7	865.7	869.2	879.4	895.3	907.2
40°	962.5	965.6	952.8	938.6	928.4	926.7	931.1	942.6	957.6	972.7
42.5°	1040.3	1043.8	1027.0	1014.7	1006.7	1006.7	1008.9	1019.5	1033.2	1051.8
45°	1139.8	1146.0	1123.0	1110.6	1103.1	1104.9	1106.2	1115.5	1127.8	1149.1
47.5°	1258.3	1264.5	1240.1	1227.3	1226.0	1234.4	1229.1	1235.7	1242.4	1266.7
50°	1392.7	1403.3	1386.5	1385.6	1388.3	1403.7	1391.3	1394.9	1387.4	1402.8
52.5°	1557.1	1572.6	1569.5	1574.8	1604.4	1636.3	1608.0	1595.6	1567.3	1572.2
55°	1756.5	1780.0	1784.4	1816.2	1883.4	1948.4	1888.3	1838.3	1778.2	1767.1
57.5°	1983.3	2001.9	2023.1	2088.1	2213.7	2329.1	2213.7	2103.2	2008.5	1986.0
60°	2227.4	2250.4	2270.7	2366.7	2553.2	2715.5	2549.7	2374.2	2249.1	2218.6
62.5°	2489.6	2519.2	2533.3	2639.9	2857.4	3051.1	2860.5	2647.8	2509.0	2476.3
65°	2741.1	2765.5	2781.4	2895.0	3102.8	3296.9	3116.9	2907.4	2764.6	2721.7
67.5°	2858.3	2871.6	2910.5	3039.1	3258.4	3479.9	3295.6	3052.8	2893.2	2818.1
70°	2686.8	2659.8	2753.5	2959.5	3277.0	3592.2	3319.4	2953.4	2757.9	2635.9
72.5°	2076.2	2029.8	2192.5	2544.8	3064.8	3520.6	3086.0	2564.7	2293.7	2046.1
75°	1129.6	1077.0	1301.6	1747.3	2444.0	3051.5	2500.2	1797.2	1449.3	1121.2
77.5°	318.8	298.9	480.1	845.3	1470.0	2142.5	1526.6	863.9	569.4	337.8
80°	97.7	94.6	128.2	254.7	624.3	1026.2	600.0	257.8	163.1	103.0
82.5°	57.9	53.1	63.7	92.8	159.2	322.3	154.7	96.8	77.8	52.2
85°	33.2	30.9	37.6	45.1	53.5	68.5	44.7	46.0	41.6	27.9
87.5°	13.7	12.4	14.6	14.1	12.4	15.9	11.9	14.1	16.8	11.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
775.9
773.3
763.5
752.9
748.1
748.1
751.2
756.9
762.7
765.3
768.0
774.6
789.6
813.1
850.6
902.8
967.8
1050.5
1148.2
1259.6
1393.6
1555.8
1749.9
1970.1
2192.0
2449.8
2700.5
2818.9
2665.1
2107.6
1194.2
375.4
108.8
56.6
29.2
10.2
0.0

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