

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: P939563

Luminaire Tested: **GLAN-SB2B-722-U-T1**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P939563
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB2B-722-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 70 CRI, 2200K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

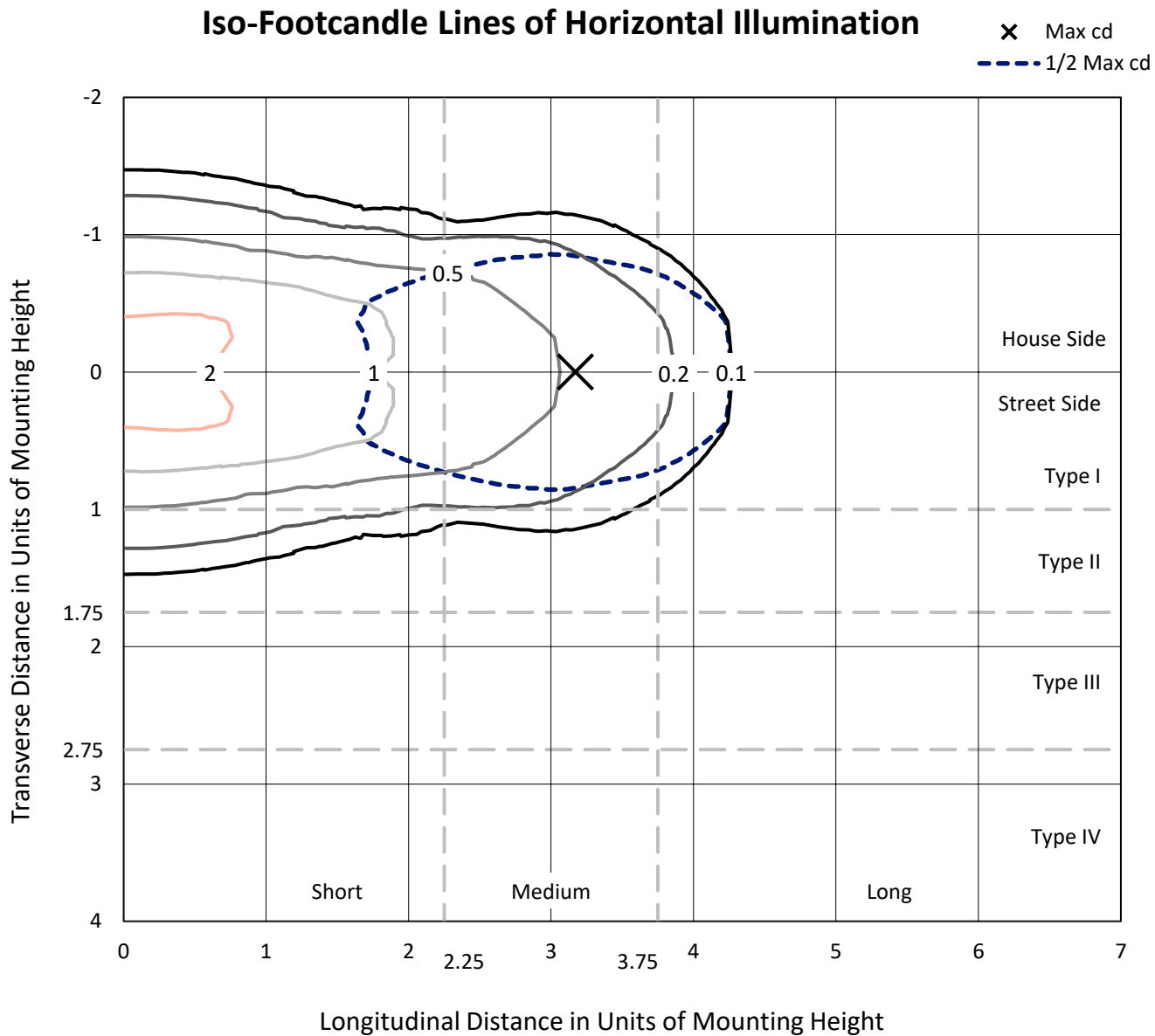
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9203 lumens
Efficiency: N/A
Efficacy: 124.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B3 - U0 - G3

Input Watts (W): 73.9
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

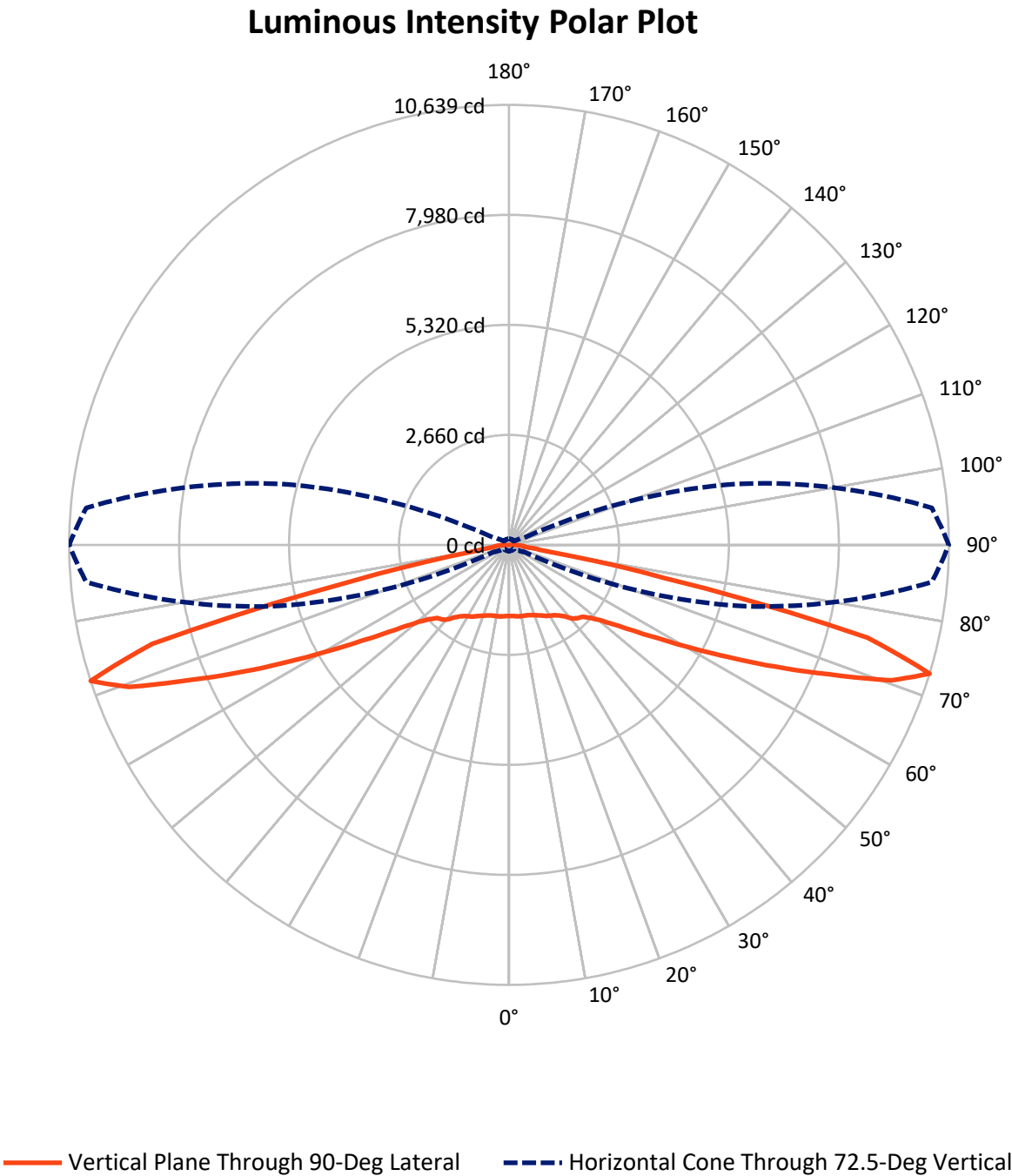


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Based on 25 foot mounting height. Maximum calculated value = 2.8 fc
Type I - Short - N/A

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4601.5	0.0	4601.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4601.5	0.0	4601.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	9203.0	0.0	9203.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	166.7	1.8
10°-20°	509.8	5.5
20°-30°	850.1	9.2
30°-40°	1169.2	12.7
40°-50°	1427.9	15.5
50°-60°	1651.5	17.9
60°-70°	1969.1	21.4
70°-80°	1374.3	14.9
80°-90°	84.4	0.9
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°	9203.0	100.0
0°-180°	9203.0	100.0

Coefficient of Utilization



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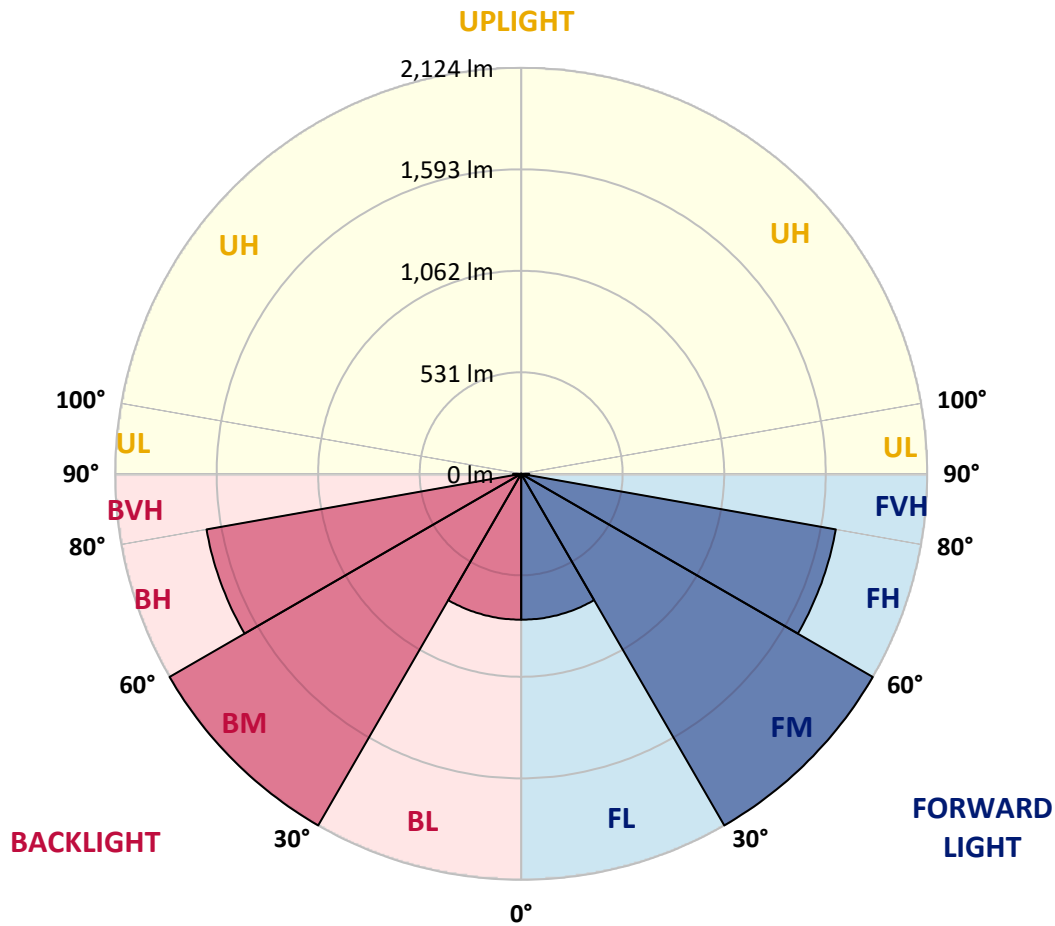
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	763.3	8.3			
FM	(30°-60°)	2124.2	23.1			
FH	(60°-80°)	1671.7	18.2			G1/1800
FVH	(80°-90°)	42.2	0.5			G1/100
BL	(0°-30°)	763.3	8.3	B2/1000		
BM	(30°-60°)	2124.2	23.1	B2/2500		
BH	(60°-80°)	1671.7	18.2	B3/2500		G3/2500
BVH	(80°-90°)	42.2	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type I Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	1719.7	1719.7	1719.7	1719.7	1719.7	1719.7	1719.7	1719.7	1719.7	1719.7
2.5°	1721.1	1723.1	1723.1	1721.6	1725.1	1722.1	1722.1	1720.7	1722.1	1720.7
5°	1729.9	1732.4	1733.4	1732.9	1737.3	1734.8	1734.8	1732.9	1733.4	1731.9
7.5°	1746.6	1750.0	1752.0	1754.4	1760.8	1757.8	1755.9	1750.0	1747.6	1743.6
10°	1752.0	1755.9	1762.2	1774.9	1789.6	1790.1	1784.2	1769.6	1758.3	1749.5
12.5°	1735.3	1740.7	1753.9	1779.8	1812.6	1825.8	1816.5	1792.1	1770.1	1754.4
15°	1714.3	1720.2	1740.2	1779.3	1827.8	1858.6	1857.6	1825.3	1790.1	1765.7
17.5°	1681.5	1687.4	1716.3	1771.0	1839.5	1890.4	1904.1	1870.8	1821.4	1788.6
20°	1622.3	1627.7	1667.8	1744.6	1843.4	1924.1	1959.8	1930.5	1868.9	1824.3
22.5°	1545.6	1553.9	1600.8	1699.1	1834.1	1959.3	2023.4	2003.4	1924.1	1862.5
25°	1463.4	1472.2	1527.0	1643.4	1810.2	1984.8	2098.7	2086.0	1986.7	1909.9
27.5°	1392.5	1401.8	1461.4	1588.1	1773.0	1994.6	2173.1	2179.4	2062.5	1962.3
30°	1336.7	1345.5	1409.1	1543.6	1725.1	1984.8	2238.1	2282.1	2139.8	2007.8
32.5°	1275.6	1286.8	1353.8	1489.3	1668.3	1961.3	2294.9	2393.2	2229.3	2056.7
35°	1198.3	1208.6	1279.0	1415.0	1594.0	1923.6	2342.3	2516.4	2357.5	2131.0
37.5°	1104.4	1114.2	1184.1	1322.0	1520.1	1870.8	2378.5	2655.3	2510.1	2238.1
40°	1010.0	1019.3	1084.8	1218.3	1431.6	1803.3	2391.2	2791.3	2685.2	2385.3
42.5°	923.4	931.7	991.9	1116.1	1332.3	1717.2	2374.6	2909.7	2842.2	2488.1
45°	843.7	851.0	904.3	1020.3	1229.1	1612.6	2324.7	3036.8	3029.0	2561.4
47.5°	752.7	760.1	815.3	927.3	1125.9	1489.8	2240.1	3162.0	3288.7	2727.7
50°	641.7	648.1	704.8	820.2	1018.8	1359.2	2122.7	3260.3	3616.4	2979.6
52.5°	510.1	517.0	572.2	687.7	891.6	1218.8	1968.1	3324.4	3995.0	3347.4
55°	379.5	384.4	432.4	536.1	734.1	1058.9	1774.5	3342.5	4424.4	3850.2
57.5°	275.4	278.3	309.1	386.4	556.6	858.9	1539.2	3295.6	4935.5	4494.8
60°	223.0	224.0	233.3	267.5	386.9	632.9	1255.0	3134.2	5490.2	5325.8
62.5°	202.5	202.5	204.9	214.2	261.7	417.7	911.2	2799.6	6084.9	6375.9
65°	188.3	188.3	189.3	193.7	206.4	266.1	575.2	2254.8	6586.2	7606.0
67.5°	175.6	176.1	175.6	177.1	184.4	196.6	333.6	1557.3	6856.2	8880.6
70°	162.4	163.4	160.9	160.9	166.8	167.3	208.8	854.0	6632.2	9948.8
72.5°	146.7	148.2	144.3	143.3	147.7	145.8	157.0	409.9	5694.1	10267.7
75°	133.0	135.0	126.2	123.7	123.7	122.3	127.7	210.3	3695.6	8375.8
77.5°	120.8	124.7	110.5	102.7	100.8	96.4	104.2	128.6	1616.5	3932.4
80°	99.8	105.2	91.0	81.7	78.3	73.4	82.2	90.0	480.8	913.2
82.5°	74.3	76.8	64.6	58.2	55.3	51.8	61.6	62.6	156.5	323.3
85°	47.4	48.4	39.6	34.2	32.8	31.3	39.1	34.2	59.7	237.7
87.5°	16.6	19.1	15.2	13.7	14.7	12.2	18.1	10.3	16.6	167.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

1719.7
1720.7
1731.9
1743.6
1748.0
1752.0
1761.7
1783.3
1816.0
1851.2
1894.3
1945.6
1983.8
2026.3
2097.3
2193.1
2337.4
2426.4
2478.3
2631.9
2859.3
3199.2
3664.8
4261.5
5031.9
5982.2
7108.1
8343.1
9807.4
10639.4
8958.9
3850.7
874.5
365.4
345.3
207.9
0.0

OF REPORT)