

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: P846544

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

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P846544
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-2)
Test Lab: INNOVATION CENTER
Issue Date: 6/26/2024
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: 8711 lumens
Efficiency: N/A
Efficacy: 117.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B3 - U0 - G3

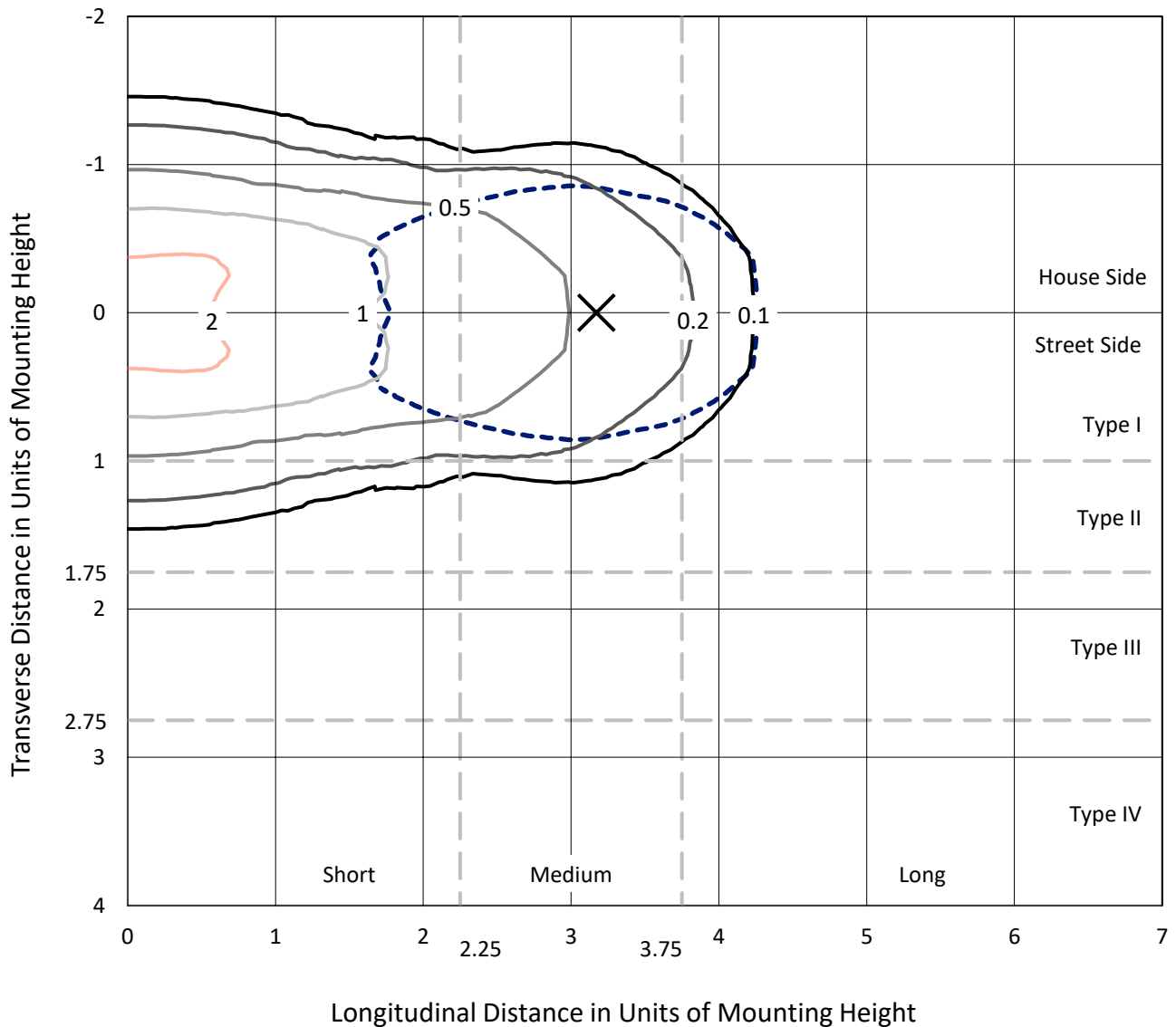
Input Watts (W): 73.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

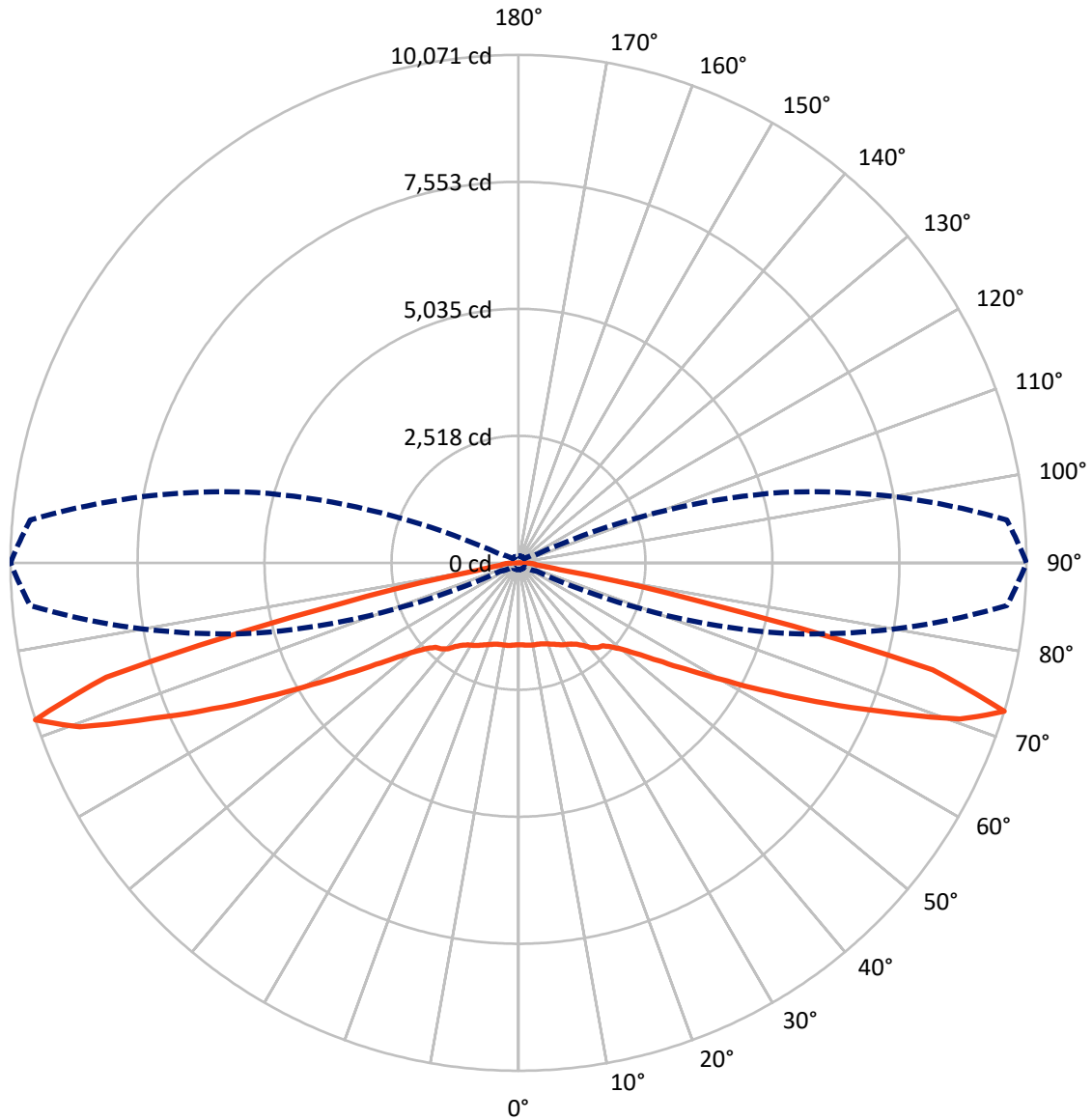
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.6 fc
 Type I - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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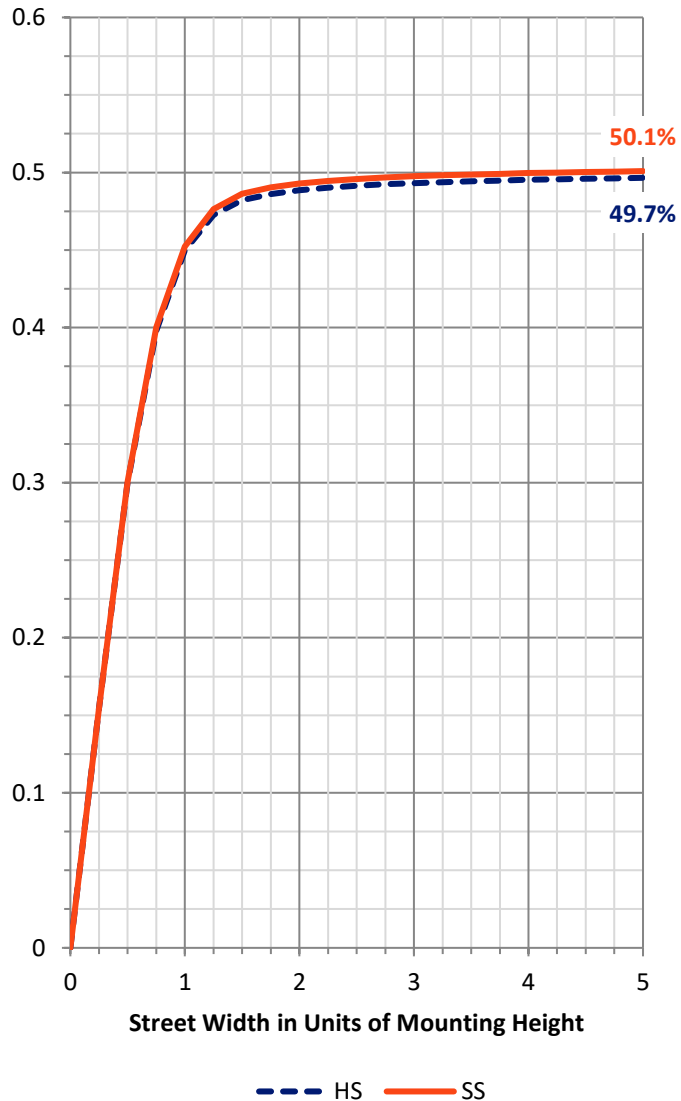
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4355.5	0.0	4355.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4355.5	0.0	4355.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	8711.0	0.0	8711.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	157.8	1.8
10°-20°	482.6	5.5
20°-30°	804.7	9.2
30°-40°	1106.7	12.7
40°-50°	1351.5	15.5
50°-60°	1563.2	17.9
60°-70°	1863.8	21.4
70°-80°	1300.8	14.9
80°-90°	79.9	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°	8711.0	100.0
0°-180°	8711.0	100.0

Coefficient of Utilization



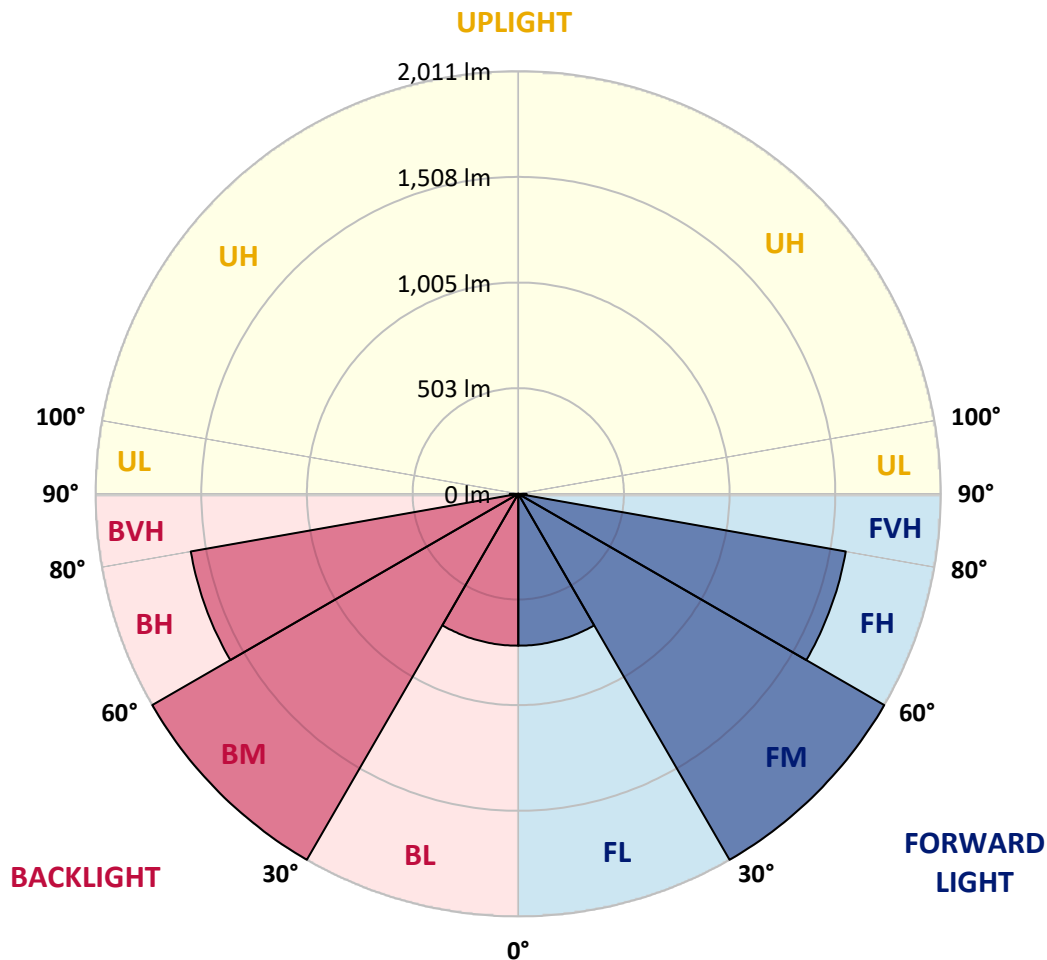
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	722.5	8.3			
FM (30°-60°)	2010.7	23.1			
FH (60°-80°)	1582.3	18.2			G1/1800
FVH (80°-90°)	39.9	0.5			G1/100
BL (0°-30°)	722.5	8.3	B2/1000		
BM (30°-60°)	2010.7	23.1	B2/2500		
BH (60°-80°)	1582.3	18.2	B3/2500		G3/2500
BVH (80°-90°)	39.9	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°	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7
2.5°	1629.1	1631.0	1631.0	1629.6	1632.8	1630.1	1630.1	1628.7	1630.1	1628.7
5°	1637.5	1639.8	1640.7	1640.2	1644.4	1642.1	1642.1	1640.2	1640.7	1639.3
7.5°	1653.2	1656.4	1658.3	1660.6	1666.6	1663.9	1662.0	1656.4	1654.1	1650.4
10°	1658.3	1662.0	1668.0	1680.1	1693.9	1694.4	1688.9	1675.0	1664.3	1656.0
12.5°	1642.6	1647.6	1660.1	1684.7	1715.7	1728.2	1719.4	1696.3	1675.4	1660.6
15°	1622.6	1628.2	1647.2	1684.2	1730.1	1759.2	1758.3	1727.7	1694.4	1671.3
17.5°	1591.6	1597.2	1624.5	1676.4	1741.2	1789.3	1802.3	1770.8	1724.0	1693.0
20°	1535.6	1540.7	1578.7	1651.4	1744.9	1821.3	1855.1	1827.3	1768.9	1726.8
22.5°	1462.9	1470.8	1515.2	1608.3	1736.1	1854.6	1915.2	1896.3	1821.3	1762.9
25°	1385.2	1393.5	1445.3	1555.5	1713.4	1878.7	1986.5	1974.5	1880.5	1807.8
27.5°	1318.0	1326.8	1383.3	1503.2	1678.2	1887.9	2056.9	2062.9	1952.3	1857.4
30°	1265.3	1273.6	1333.8	1461.1	1632.8	1878.7	2118.5	2160.1	2025.4	1900.4
32.5°	1207.4	1218.0	1281.5	1409.7	1579.1	1856.4	2172.2	2265.2	2110.1	1946.7
35°	1134.2	1144.0	1210.6	1339.3	1508.8	1820.8	2217.1	2381.9	2231.4	2017.1
37.5°	1045.3	1054.6	1120.8	1251.4	1438.9	1770.8	2251.3	2513.4	2375.9	2118.5
40°	956.0	964.8	1026.8	1153.2	1355.1	1706.9	2263.4	2642.1	2541.6	2257.8
42.5°	874.1	881.9	938.9	1056.5	1261.1	1625.4	2247.6	2754.1	2690.2	2355.0
45°	798.6	805.5	856.0	965.7	1163.4	1526.4	2200.4	2874.5	2867.1	2424.5
47.5°	712.5	719.4	771.7	877.8	1065.7	1410.2	2120.3	2993.0	3112.9	2581.9
50°	607.4	613.4	667.1	776.4	964.3	1286.5	2009.2	3086.0	3423.1	2820.3
52.5°	482.9	489.3	541.7	650.9	844.0	1153.7	1862.9	3146.7	3781.4	3168.4
55°	359.3	363.9	409.3	507.4	694.9	1002.3	1679.6	3163.8	4187.9	3644.4
57.5°	260.6	263.4	292.6	365.7	526.8	812.9	1456.9	3119.4	4671.7	4254.5
60°	211.1	212.0	220.8	253.2	366.2	599.1	1187.9	2966.6	5196.6	5041.1
62.5°	191.7	191.7	194.0	202.8	247.7	395.4	862.5	2649.9	5759.6	6035.1
65°	178.2	178.2	179.2	183.3	195.4	251.8	544.4	2134.2	6234.1	7199.4
67.5°	166.2	166.7	166.2	167.6	174.5	186.1	315.7	1474.0	6489.7	8405.8
70°	153.7	154.6	152.3	152.3	157.9	158.3	197.7	808.3	6277.6	9416.9
72.5°	138.9	140.3	136.6	135.6	139.8	138.0	148.6	388.0	5389.7	9718.8
75°	125.9	127.8	119.4	117.1	117.1	115.7	120.8	199.1	3498.1	7928.1
77.5°	114.3	118.1	104.6	97.2	95.4	91.2	98.6	121.8	1530.1	3722.1
80°	94.4	99.5	86.1	77.3	74.1	69.4	77.8	85.2	455.1	864.3
82.5°	70.4	72.7	61.1	55.1	52.3	49.1	58.3	59.3	148.1	306.0
85°	44.9	45.8	37.5	32.4	31.0	29.6	37.0	32.4	56.5	225.0
87.5°	15.7	18.1	14.4	13.0	13.9	11.6	17.1	9.7	15.7	158.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

1627.7
1628.7
1639.3
1650.4
1654.6
1658.3
1667.6
1687.9
1718.9
1752.3
1793.0
1841.6
1877.7
1918.0
1985.1
2075.9
2212.5
2296.7
2345.8
2491.1
2706.4
3028.2
3468.9
4033.7
4762.9
5662.4
6728.1
7897.1
9283.1
10070.6
8479.9
3644.8
827.8
345.8
326.8
196.8
0.0

OF REPORT)