

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: P846674

Luminaire Tested: **GLAN-SB2B-930-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P846674
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-930-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 90 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7516 lumens
Efficiency: N/A
Efficacy: 101.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B3 - U0 - G3

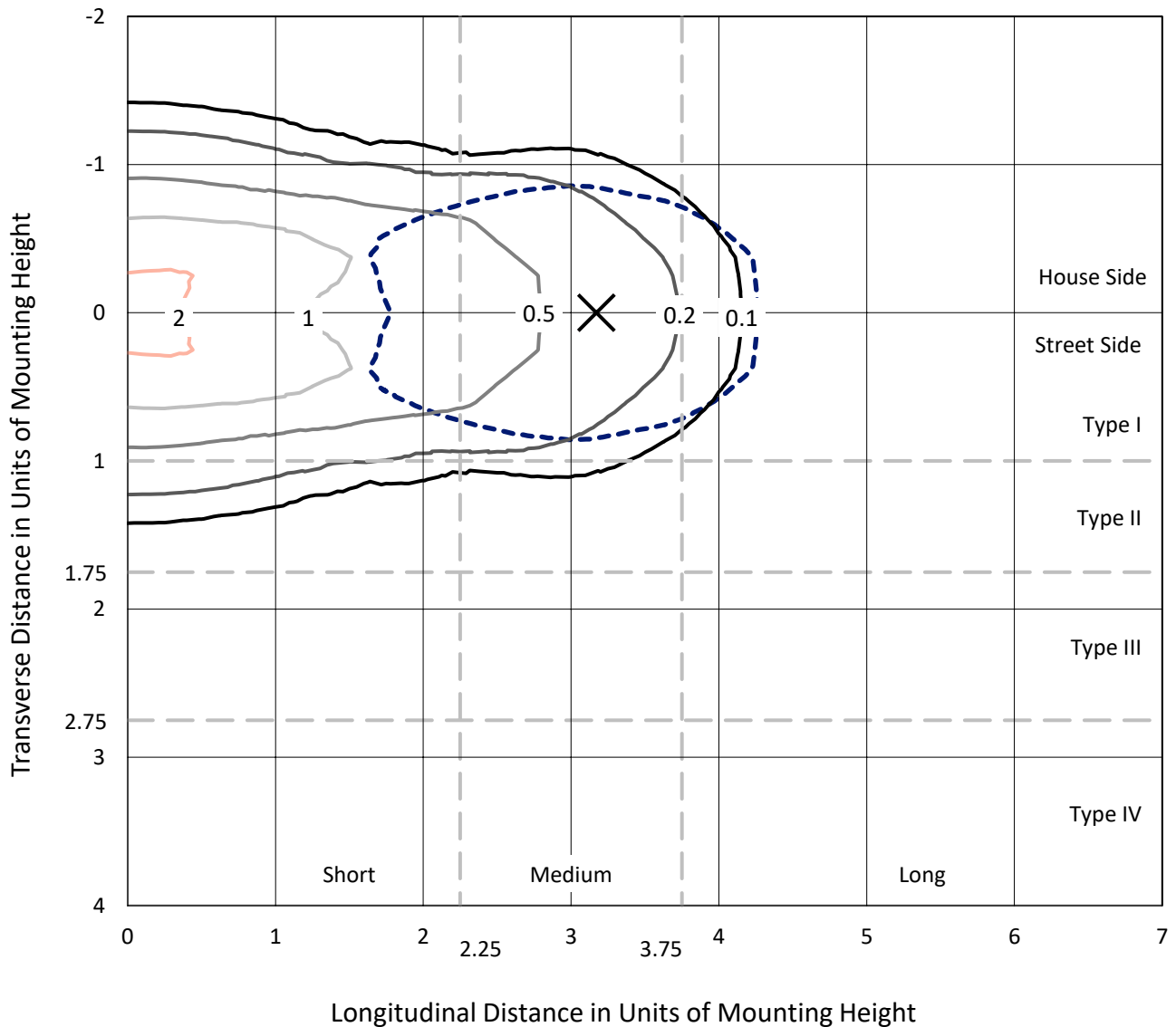
Input Watts (W): 73.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

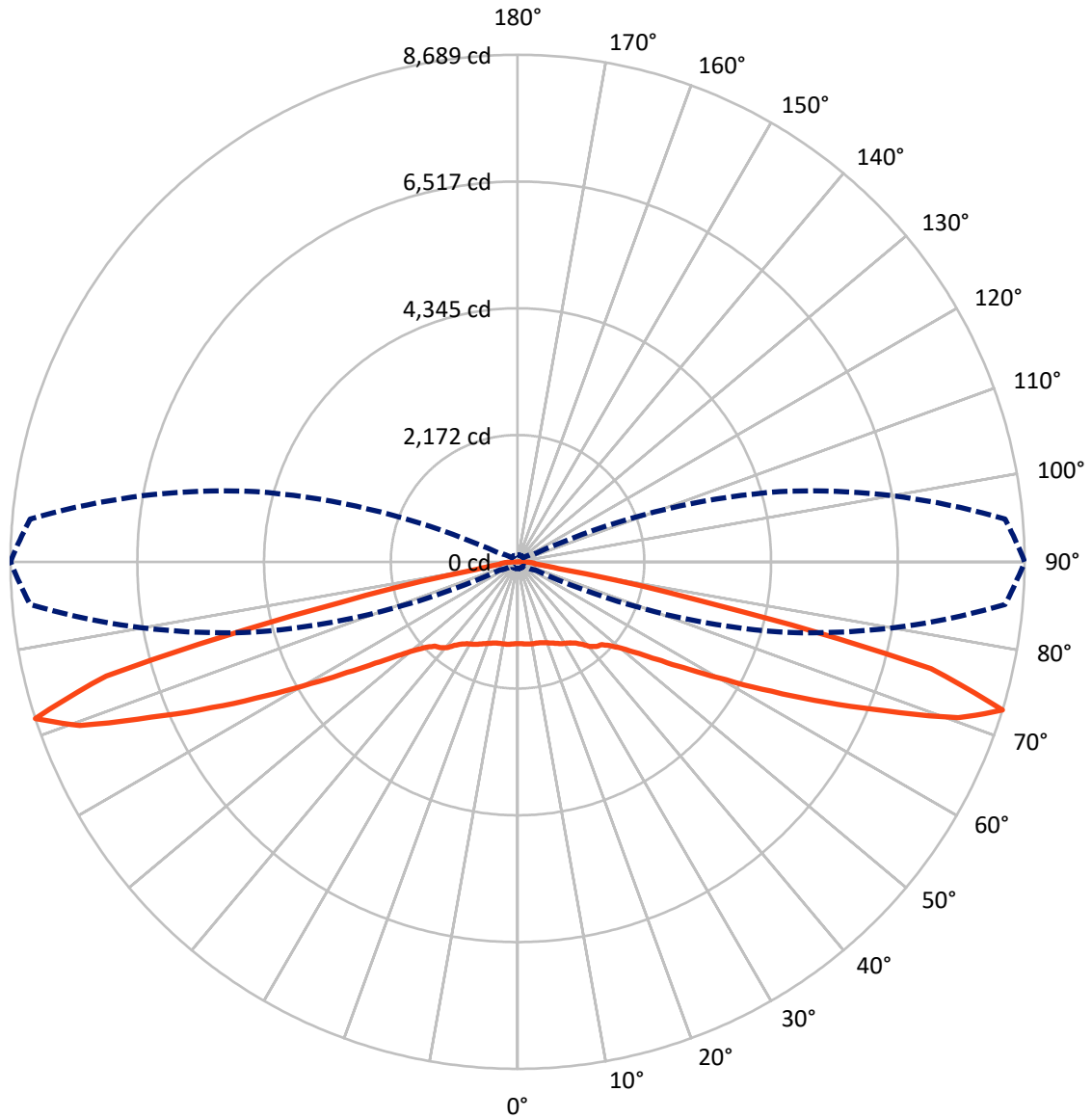
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.2 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	3758.0	0.0	3758.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3758.0	0.0	3758.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	7516.0	0.0	7516.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.2	1.8
10°-20°	416.4	5.5
20°-30°	694.3	9.2
30°-40°	954.8	12.7
40°-50°	1166.1	15.5
50°-60°	1348.7	17.9
60°-70°	1608.2	21.4
70°-80°	1122.4	14.9
80°-90°	68.9	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°	7516.0	100.0
0°-180°	7516.0	100.0

Coefficient of Utilization



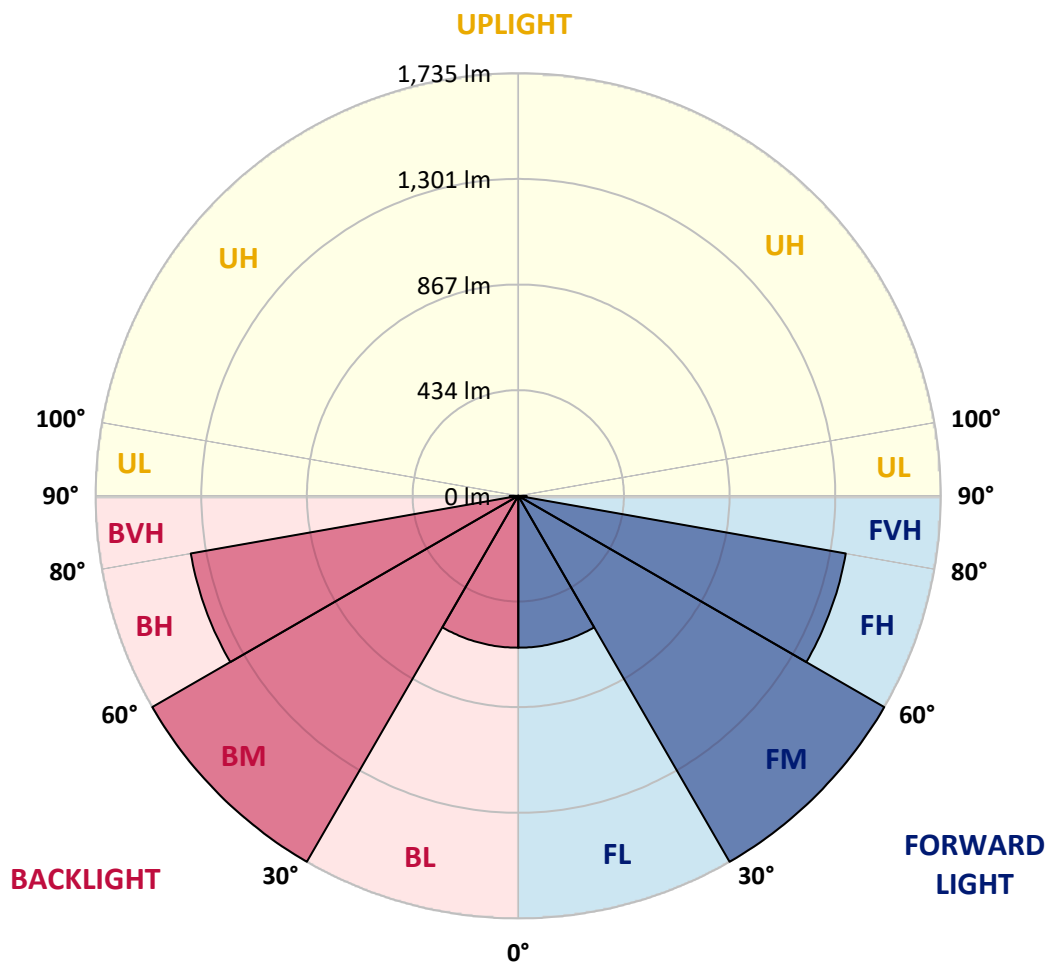
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	623.4	8.3			
FM (30°-60°)	1734.9	23.1			
FH (60°-80°)	1365.3	18.2			G1/1800
FVH (80°-90°)	34.5	0.5			G1/100
BL (0°-30°)	623.4	8.3	B2/1000		
BM (30°-60°)	1734.9	23.1	B2/2500		
BH (60°-80°)	1365.3	18.2	B3/2500		G3/2500
BVH (80°-90°)	34.5	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°	1404.4	1404.4	1404.4	1404.4	1404.4	1404.4	1404.4	1404.4	1404.4	1404.4
2.5°	1405.6	1407.2	1407.2	1406.0	1408.8	1406.4	1406.4	1405.2	1406.4	1405.2
5°	1412.8	1414.8	1415.6	1415.2	1418.8	1416.8	1416.8	1415.2	1415.6	1414.4
7.5°	1426.4	1429.2	1430.8	1432.8	1438.0	1435.6	1434.0	1429.2	1427.2	1424.0
10°	1430.8	1434.0	1439.2	1449.6	1461.6	1462.0	1457.2	1445.2	1436.0	1428.8
12.5°	1417.2	1421.6	1432.4	1453.6	1480.3	1491.1	1483.5	1463.6	1445.6	1432.8
15°	1400.1	1404.8	1421.2	1453.2	1492.7	1517.9	1517.1	1490.7	1462.0	1442.0
17.5°	1373.3	1378.1	1401.6	1446.4	1502.3	1543.8	1555.0	1527.9	1487.5	1460.8
20°	1325.0	1329.3	1362.1	1424.8	1505.5	1571.4	1600.6	1576.6	1526.3	1489.9
22.5°	1262.2	1269.0	1307.4	1387.7	1497.9	1600.2	1652.5	1636.1	1571.4	1521.1
25°	1195.1	1202.3	1247.1	1342.1	1478.3	1620.9	1714.0	1703.6	1622.5	1559.8
27.5°	1137.2	1144.8	1193.5	1297.0	1448.0	1628.9	1774.7	1779.9	1684.5	1602.6
30°	1091.7	1098.9	1150.8	1260.6	1408.8	1620.9	1827.9	1863.8	1747.6	1639.7
32.5°	1041.7	1050.9	1105.7	1216.3	1362.5	1601.8	1874.2	1954.5	1820.7	1679.7
35°	978.6	987.0	1044.5	1155.6	1301.8	1571.0	1912.9	2055.1	1925.3	1740.4
37.5°	901.9	909.9	967.1	1079.7	1241.5	1527.9	1942.5	2168.6	2049.9	1827.9
40°	824.9	832.4	886.0	995.0	1169.2	1472.7	1952.9	2279.6	2192.9	1948.1
42.5°	754.1	760.9	810.1	911.5	1088.1	1402.4	1939.3	2376.3	2321.2	2032.0
45°	689.0	695.0	738.6	833.2	1003.8	1317.0	1898.6	2480.1	2473.8	2091.9
47.5°	614.7	620.7	665.9	757.3	919.5	1216.7	1829.5	2582.4	2685.9	2227.7
50°	524.1	529.3	575.6	669.9	832.0	1110.1	1733.6	2662.7	2953.5	2433.4
52.5°	416.6	422.2	467.3	561.6	728.2	995.4	1607.4	2715.0	3262.7	2733.8
55°	310.0	314.0	353.1	437.8	599.6	864.8	1449.2	2729.8	3613.4	3144.4
57.5°	224.9	227.3	252.4	315.6	454.6	701.4	1257.0	2691.5	4030.8	3670.9
60°	182.1	182.9	190.5	218.5	316.0	516.9	1025.0	2559.6	4483.8	4349.5
62.5°	165.4	165.4	167.4	175.0	213.7	341.1	744.2	2286.4	4969.5	5207.1
65°	153.8	153.8	154.6	158.2	168.6	217.3	469.7	1841.4	5378.9	6211.7
67.5°	143.4	143.8	143.4	144.6	150.6	160.6	272.4	1271.8	5599.4	7252.7
70°	132.6	133.4	131.4	131.4	136.2	136.6	170.6	697.4	5416.5	8125.1
72.5°	119.8	121.0	117.8	117.0	120.6	119.0	128.2	334.7	4650.3	8385.5
75°	108.6	110.2	103.1	101.1	101.1	99.9	104.3	171.8	3018.2	6840.5
77.5°	98.7	101.9	90.3	83.9	82.3	78.7	85.1	105.1	1320.2	3211.5
80°	81.5	85.9	74.3	66.7	63.9	59.9	67.1	73.5	392.7	745.8
82.5°	60.7	62.7	52.7	47.5	45.1	42.3	50.3	51.1	127.8	264.0
85°	38.7	39.5	32.4	28.0	26.8	25.6	32.0	28.0	48.7	194.1
87.5°	13.6	15.6	12.4	11.2	12.0	10.0	14.8	8.4	13.6	137.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

1404.4
1405.2
1414.4
1424.0
1427.6
1430.8
1438.8
1456.4
1483.1
1511.9
1547.0
1589.0
1620.1
1654.9
1712.8
1791.1
1908.9
1981.6
2024.0
2149.4
2335.1
2612.8
2993.0
3480.4
4109.5
4885.6
5805.1
6813.7
8009.6
8689.1
7316.6
3144.8
714.2
298.4
282.0
169.8
0.0

OF REPORT)