

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: P846844

Luminaire Tested: **GLAN-SB2C-930-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P846844
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-SB2C-930-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 90 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9996 lumens
Efficiency: N/A
Efficacy: 99.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B3 - U0 - G3

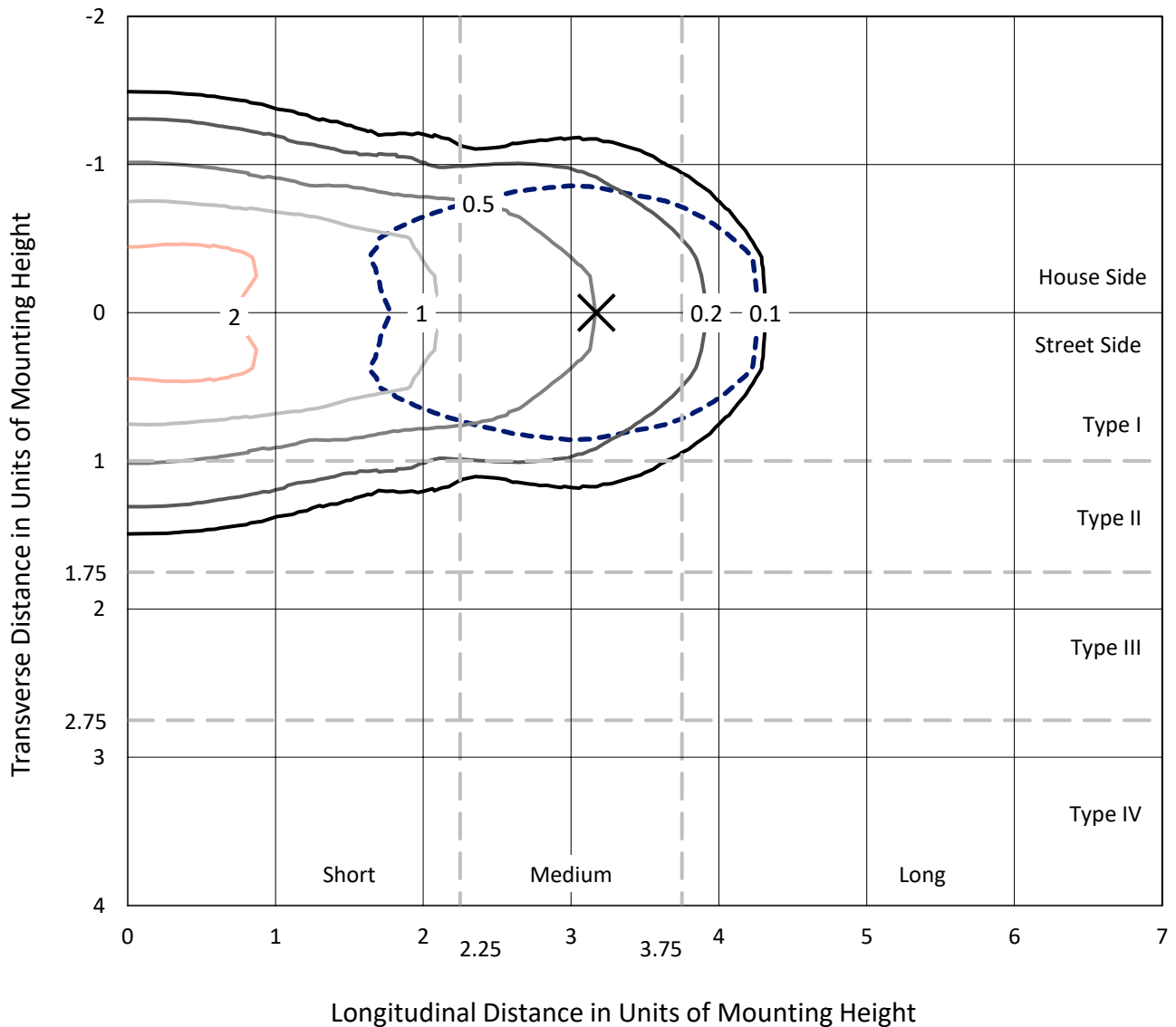
Input Watts (W): 100.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

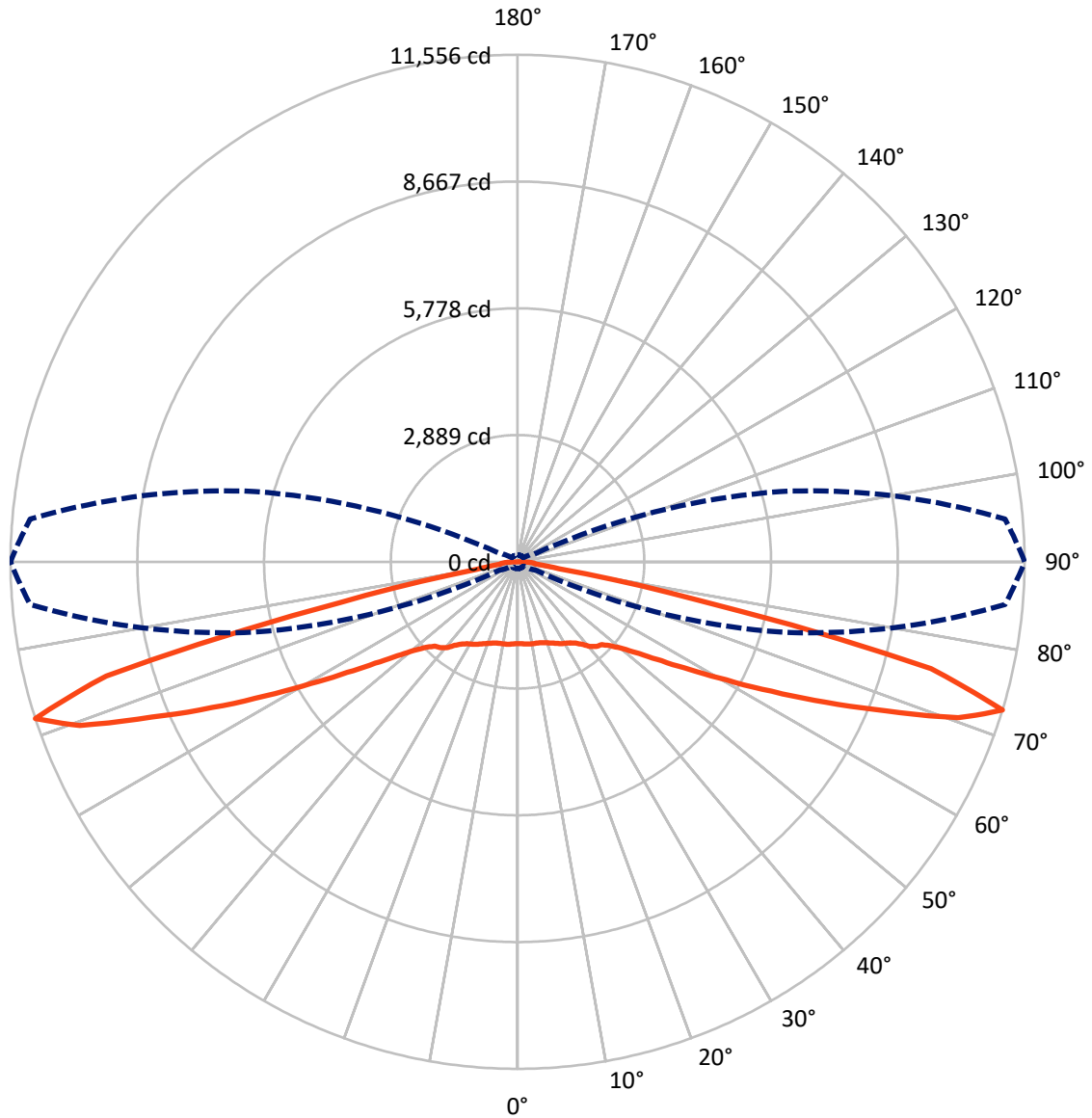
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3 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	4998.0	0.0	4998.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4998.0	0.0	4998.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	9996.0	0.0	9996.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	181.1	1.8
10°-20°	553.8	5.5
20°-30°	923.4	9.2
30°-40°	1269.9	12.7
40°-50°	1550.9	15.5
50°-60°	1793.8	17.9
60°-70°	2138.8	21.4
70°-80°	1492.7	14.9
80°-90°	91.7	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°	9996.0	100.0
0°-180°	9996.0	100.0

Coefficient of Utilization



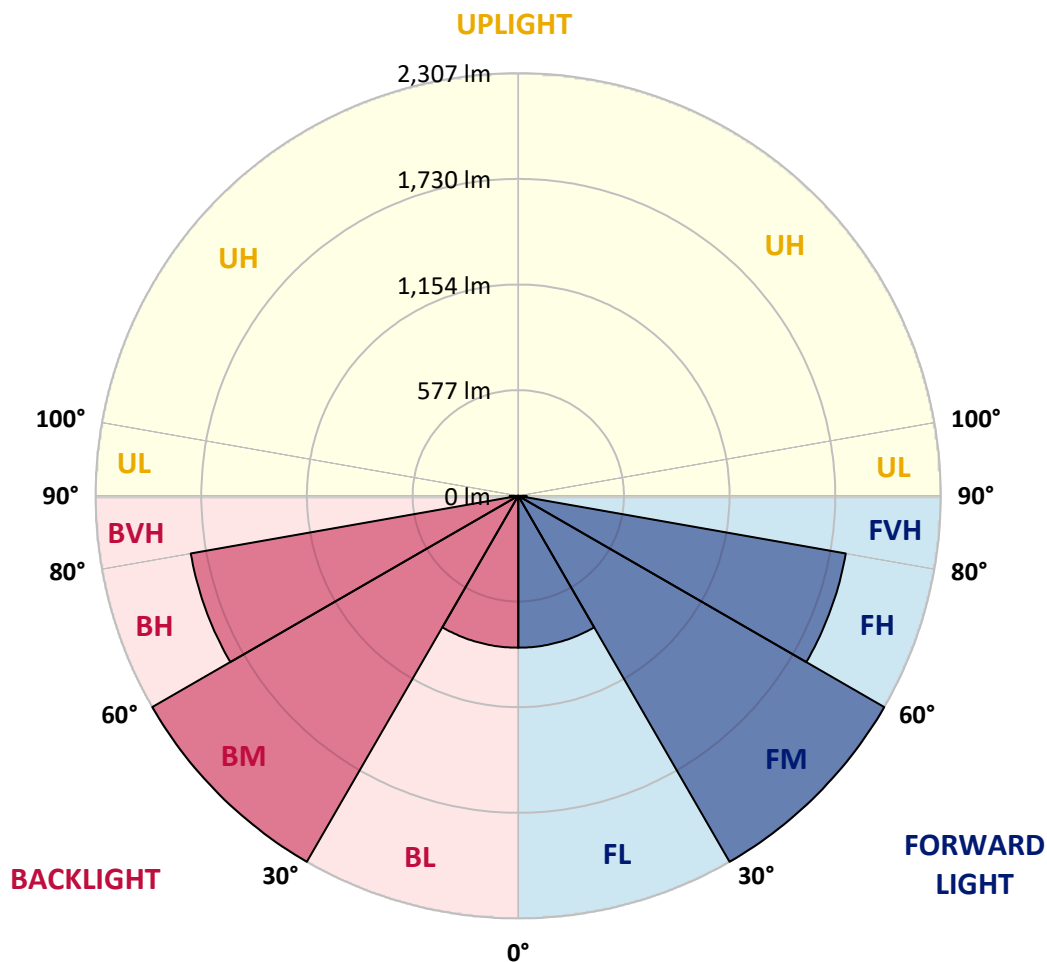
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	829.1	8.3			
FM (30°-60°)	2307.3	23.1			
FH (60°-80°)	1815.8	18.2			G2/5000
FVH (80°-90°)	45.8	0.5			G1/100
BL (0°-30°)	829.1	8.3	B2/1000		
BM (30°-60°)	2307.3	23.1	B2/2500		
BH (60°-80°)	1815.8	18.2	B3/2500		G3/2500
BVH (80°-90°)	45.8	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°	1867.9	1867.9	1867.9	1867.9	1867.9	1867.9	1867.9	1867.9	1867.9	1867.9
2.5°	1869.5	1871.6	1871.6	1870.0	1873.7	1870.5	1870.5	1868.9	1870.5	1868.9
5°	1879.0	1881.7	1882.7	1882.2	1887.0	1884.3	1884.3	1882.2	1882.7	1881.1
7.5°	1897.1	1900.8	1902.9	1905.6	1912.5	1909.3	1907.2	1900.8	1898.1	1893.9
10°	1902.9	1907.2	1914.1	1927.9	1943.8	1944.4	1938.0	1922.0	1909.8	1900.3
12.5°	1884.9	1890.7	1905.0	1933.2	1968.8	1983.1	1973.0	1946.5	1922.6	1905.6
15°	1862.0	1868.4	1890.2	1932.7	1985.3	2018.7	2017.7	1982.6	1944.4	1917.8
17.5°	1826.4	1832.8	1864.1	1923.6	1998.0	2053.3	2068.1	2032.0	1978.4	1942.8
20°	1762.1	1768.0	1811.5	1895.0	2002.3	2089.9	2128.7	2096.8	2029.9	1981.5
22.5°	1678.7	1687.8	1738.8	1845.5	1992.2	2128.2	2197.8	2176.0	2089.9	2023.0
25°	1589.5	1599.0	1658.5	1785.0	1966.1	2155.8	2279.6	2265.8	2157.9	2074.5
27.5°	1512.5	1522.5	1587.4	1725.0	1925.8	2166.4	2360.3	2367.2	2240.3	2131.4
30°	1451.9	1461.5	1530.5	1676.6	1873.7	2155.8	2431.0	2478.8	2324.2	2180.8
32.5°	1385.5	1397.7	1470.5	1617.6	1812.1	2130.3	2492.6	2599.4	2421.4	2233.9
35°	1301.6	1312.7	1389.2	1536.9	1731.3	2089.4	2544.1	2733.3	2560.6	2314.6
37.5°	1199.6	1210.2	1286.1	1436.0	1651.1	2032.0	2583.4	2884.1	2726.4	2431.0
40°	1097.0	1107.1	1178.3	1323.3	1555.0	1958.7	2597.3	3031.8	2916.5	2590.9
42.5°	1003.0	1012.0	1077.4	1212.3	1447.1	1865.2	2579.2	3160.4	3087.1	2702.4
45°	916.4	924.4	982.3	1108.2	1335.0	1751.5	2525.0	3298.5	3290.0	2782.1
47.5°	817.6	825.6	885.6	1007.2	1222.9	1618.2	2433.1	3434.5	3572.1	2962.8
50°	697.0	703.9	765.5	890.9	1106.6	1476.3	2305.6	3541.3	3928.0	3236.3
52.5°	554.1	561.5	621.6	746.9	968.5	1323.9	2137.7	3610.9	4339.2	3635.8
55°	412.2	417.6	469.6	582.2	797.4	1150.1	1927.4	3630.5	4805.6	4182.0
57.5°	299.1	302.3	335.7	419.7	604.6	932.9	1671.8	3579.5	5360.8	4882.1
60°	242.2	243.3	253.4	290.6	420.2	687.4	1363.2	3404.2	5963.2	5784.7
62.5°	219.9	219.9	222.6	232.7	284.2	453.7	989.7	3040.8	6609.2	6925.3
65°	204.5	204.5	205.6	210.4	224.2	289.0	624.7	2449.0	7153.7	8261.4
67.5°	190.7	191.2	190.7	192.3	200.3	213.6	362.3	1691.5	7447.0	9645.8
70°	176.4	177.4	174.8	174.8	181.2	181.7	226.8	927.6	7203.7	10806.1
72.5°	159.4	161.0	156.7	155.7	160.4	158.3	170.5	445.2	6184.8	11152.4
75°	144.5	146.6	137.1	134.4	134.4	132.8	138.7	228.4	4014.1	9097.6
77.5°	131.2	135.5	120.1	111.6	109.4	104.7	113.2	139.7	1755.8	4271.2
80°	108.4	114.2	98.8	88.7	85.0	79.7	89.2	97.7	522.2	991.8
82.5°	80.7	83.4	70.1	63.2	60.0	56.3	66.9	68.0	170.0	351.2
85°	51.5	52.6	43.0	37.2	35.6	34.0	42.5	37.2	64.8	258.2
87.5°	18.1	20.7	16.5	14.9	15.9	13.3	19.7	11.2	18.1	182.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

1867.9
1868.9
1881.1
1893.9
1898.7
1902.9
1913.5
1936.9
1972.5
2010.8
2057.5
2113.3
2154.7
2200.9
2278.0
2382.1
2538.8
2635.5
2691.8
2858.6
3105.7
3474.9
3980.6
4628.7
5465.5
6497.7
7720.6
9062.0
10652.5
11556.2
9730.8
4182.5
949.9
396.8
375.1
225.8
0.0

OF REPORT)