

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: P846564

Luminaire Tested: **GLAN-SB2B-730-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P846564
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-730-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 70 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10761 lumens
Efficiency: N/A
Efficacy: 145.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B3 - U0 - G3

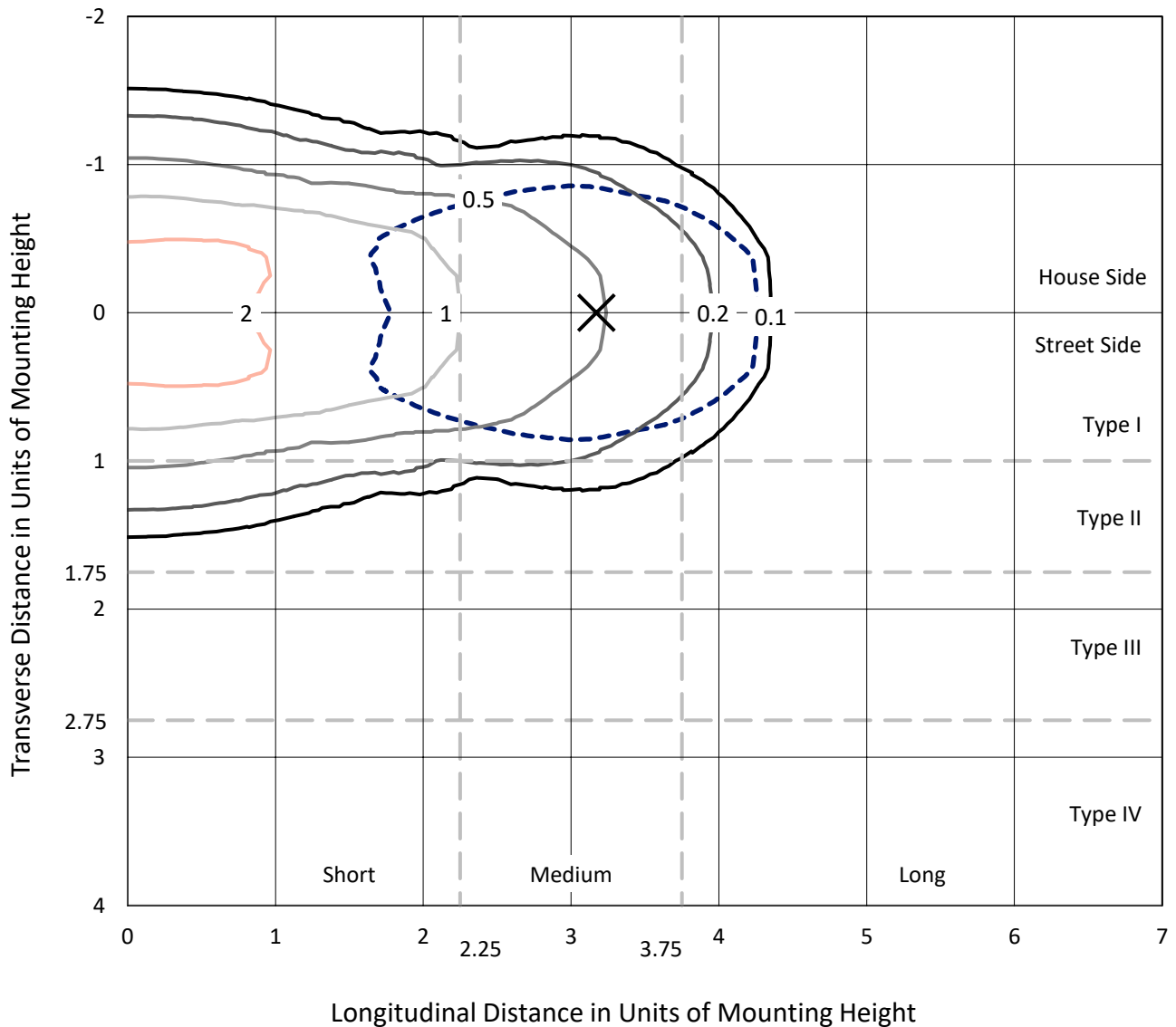
Input Watts (W): 73.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

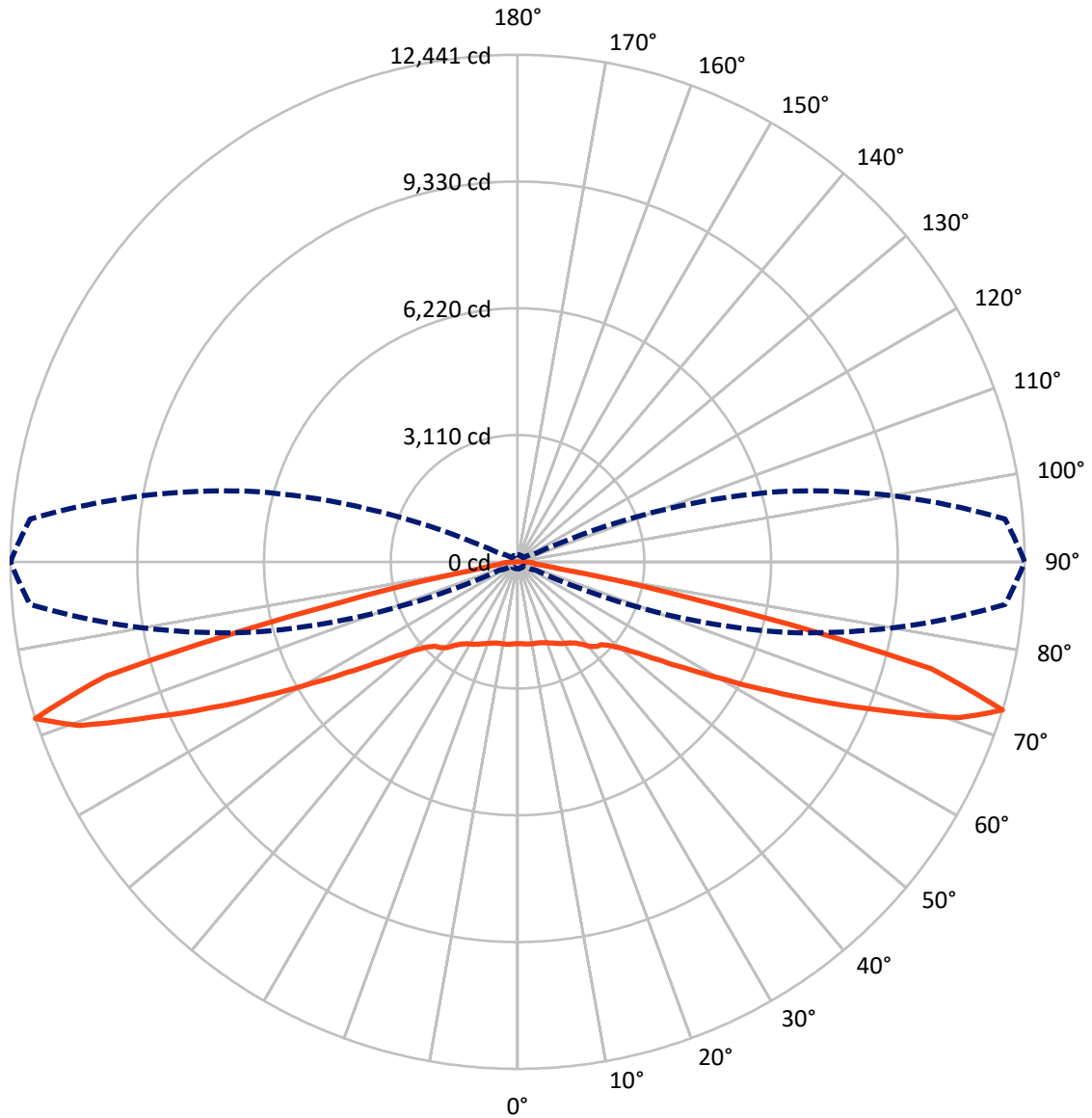
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.2 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	5380.5	0.0	5380.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5380.5	0.0	5380.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	10761.0	0.0	10761.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	195.0	1.8
10°-20°	596.1	5.5
20°-30°	994.0	9.2
30°-40°	1367.1	12.7
40°-50°	1669.6	15.5
50°-60°	1931.1	17.9
60°-70°	2302.5	21.4
70°-80°	1607.0	14.9
80°-90°	98.7	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°	10761.0	100.0
0°-180°	10761.0	100.0

Coefficient of Utilization



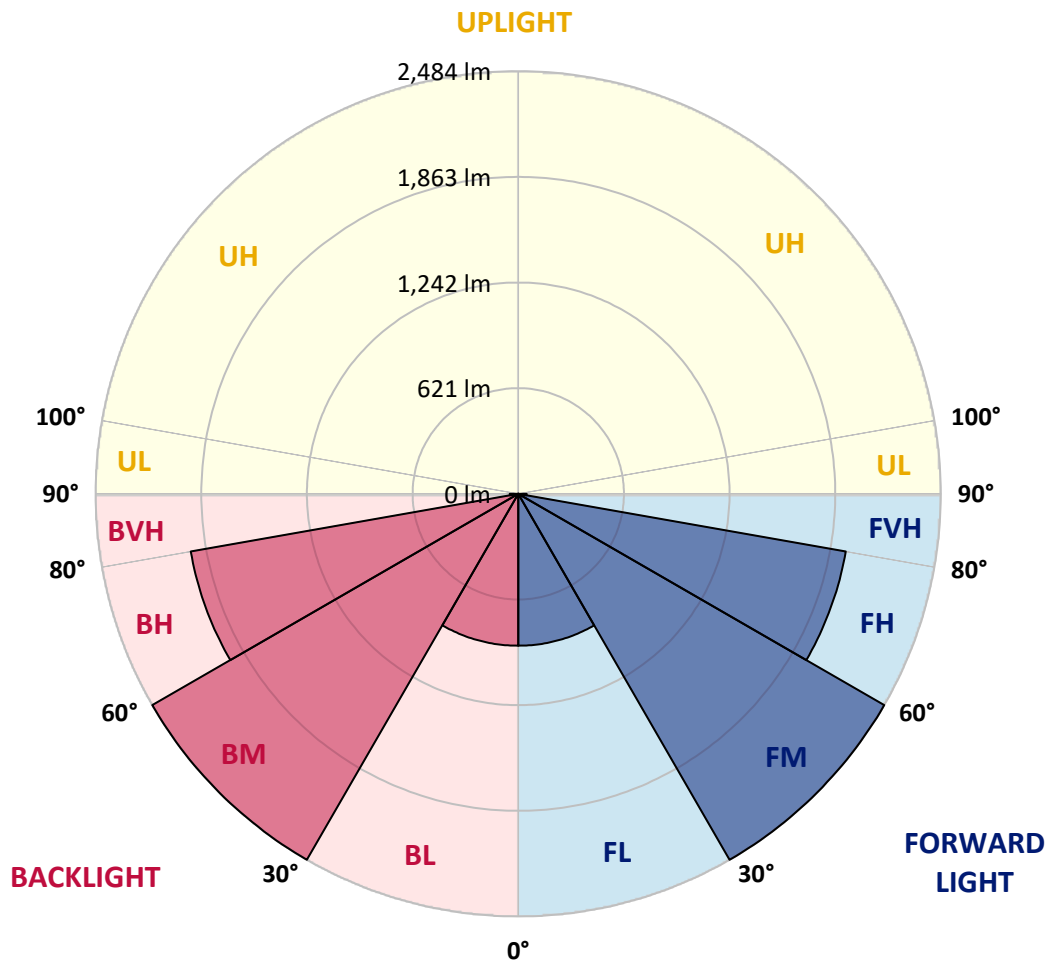
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	892.6	8.3			
FM (30°-60°)	2483.9	23.1			
FH (60°-80°)	1954.7	18.2			G2/5000
FVH (80°-90°)	49.4	0.5			G1/100
BL (0°-30°)	892.6	8.3	B2/1000		
BM (30°-60°)	2483.9	23.1	B2/2500		
BH (60°-80°)	1954.7	18.2	B3/2500		G3/2500
BVH (80°-90°)	49.4	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°	2010.8	2010.8	2010.8	2010.8	2010.8	2010.8	2010.8	2010.8	2010.8	2010.8
2.5°	2012.5	2014.8	2014.8	2013.1	2017.1	2013.7	2013.7	2012.0	2013.7	2012.0
5°	2022.8	2025.7	2026.8	2026.2	2031.4	2028.5	2028.5	2026.2	2026.8	2025.1
7.5°	2042.3	2046.3	2048.6	2051.4	2058.8	2055.4	2053.1	2046.3	2043.4	2038.8
10°	2048.6	2053.1	2060.6	2075.4	2092.6	2093.2	2086.3	2069.1	2056.0	2045.7
12.5°	2029.1	2035.4	2050.8	2081.2	2119.5	2134.9	2124.0	2095.4	2069.7	2051.4
15°	2004.5	2011.4	2034.8	2080.6	2137.2	2173.2	2172.1	2134.3	2093.2	2064.6
17.5°	1966.2	1973.1	2006.8	2070.9	2150.9	2210.4	2226.4	2187.5	2129.8	2091.4
20°	1897.0	1903.3	1950.2	2040.0	2155.5	2249.9	2291.6	2257.3	2185.2	2133.2
22.5°	1807.2	1816.9	1871.8	1986.8	2144.6	2291.0	2366.0	2342.5	2249.9	2177.8
25°	1711.1	1721.4	1785.5	1921.6	2116.6	2320.8	2454.0	2439.2	2323.1	2233.3
27.5°	1628.2	1639.1	1708.8	1857.0	2073.1	2332.2	2541.0	2548.4	2411.7	2294.5
30°	1563.0	1573.3	1647.6	1804.9	2017.1	2320.8	2617.0	2668.5	2502.1	2347.7
32.5°	1491.5	1504.7	1583.0	1741.4	1950.8	2293.3	2683.4	2798.3	2606.7	2404.8
35°	1401.2	1413.2	1495.5	1654.5	1863.8	2249.3	2738.8	2942.4	2756.6	2491.8
37.5°	1291.4	1302.8	1384.6	1545.9	1777.5	2187.5	2781.2	3104.9	2935.0	2617.0
40°	1181.0	1191.8	1268.5	1424.6	1674.0	2108.6	2796.0	3263.8	3139.7	2789.2
42.5°	1079.8	1089.5	1159.8	1305.1	1557.9	2007.9	2776.6	3402.2	3323.3	2909.3
45°	986.5	995.1	1057.4	1193.0	1437.2	1885.6	2718.2	3550.9	3541.8	2995.0
47.5°	880.2	888.7	953.4	1084.3	1316.5	1742.0	2619.3	3697.3	3845.5	3189.5
50°	750.3	757.8	824.1	959.1	1191.3	1589.3	2482.1	3812.3	4228.6	3484.0
52.5°	596.5	604.5	669.1	804.1	1042.6	1425.2	2301.3	3887.2	4671.3	3914.1
55°	443.8	449.5	505.6	626.8	858.4	1238.2	2074.9	3908.4	5173.4	4502.0
57.5°	322.0	325.4	361.4	451.8	650.8	1004.3	1799.8	3853.5	5771.1	5255.8
60°	260.8	261.9	272.8	312.8	452.4	740.0	1467.5	3664.7	6419.6	6227.4
62.5°	236.8	236.8	239.6	250.5	306.0	488.4	1065.5	3273.6	7115.0	7455.3
65°	220.2	220.2	221.3	226.5	241.3	311.1	672.6	2636.5	7701.2	8893.6
67.5°	205.3	205.9	205.3	207.0	215.6	229.9	390.0	1820.9	8016.9	10384.0
70°	189.9	191.0	188.2	188.2	195.0	195.6	244.2	998.5	7755.0	11633.1
72.5°	171.6	173.3	168.7	167.6	172.7	170.4	183.6	479.3	6658.1	12005.9
75°	155.6	157.8	147.6	144.7	144.7	143.0	149.3	245.9	4321.3	9793.8
77.5°	141.3	145.8	129.2	120.1	117.8	112.7	121.8	150.4	1890.1	4598.1
80°	116.7	123.0	106.4	95.5	91.5	85.8	96.1	105.2	562.2	1067.7
82.5°	86.9	89.8	75.5	68.1	64.6	60.6	72.1	73.2	183.0	378.0
85°	55.5	56.6	46.3	40.0	38.3	36.6	45.8	40.0	69.8	277.9
87.5°	19.4	22.3	17.7	16.0	17.2	14.3	21.2	12.0	19.4	196.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

2010.8
2012.0
2025.1
2038.8
2044.0
2048.6
2060.0
2085.2
2123.5
2164.6
2215.0
2275.0
2319.6
2369.4
2452.3
2564.4
2733.1
2837.2
2897.8
3077.4
3343.3
3740.8
4285.3
4983.0
5883.7
6994.9
8311.4
9755.5
11467.8
12440.6
10475.5
4502.6
1022.6
427.2
403.8
243.1
0.0

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