

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: P847344

Luminaire Tested: **GLAN-SB3B-927-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847344
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-SB3B-927-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 2700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10763 lumens
Efficiency: N/A
Efficacy: 98.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B3 - U0 - G3

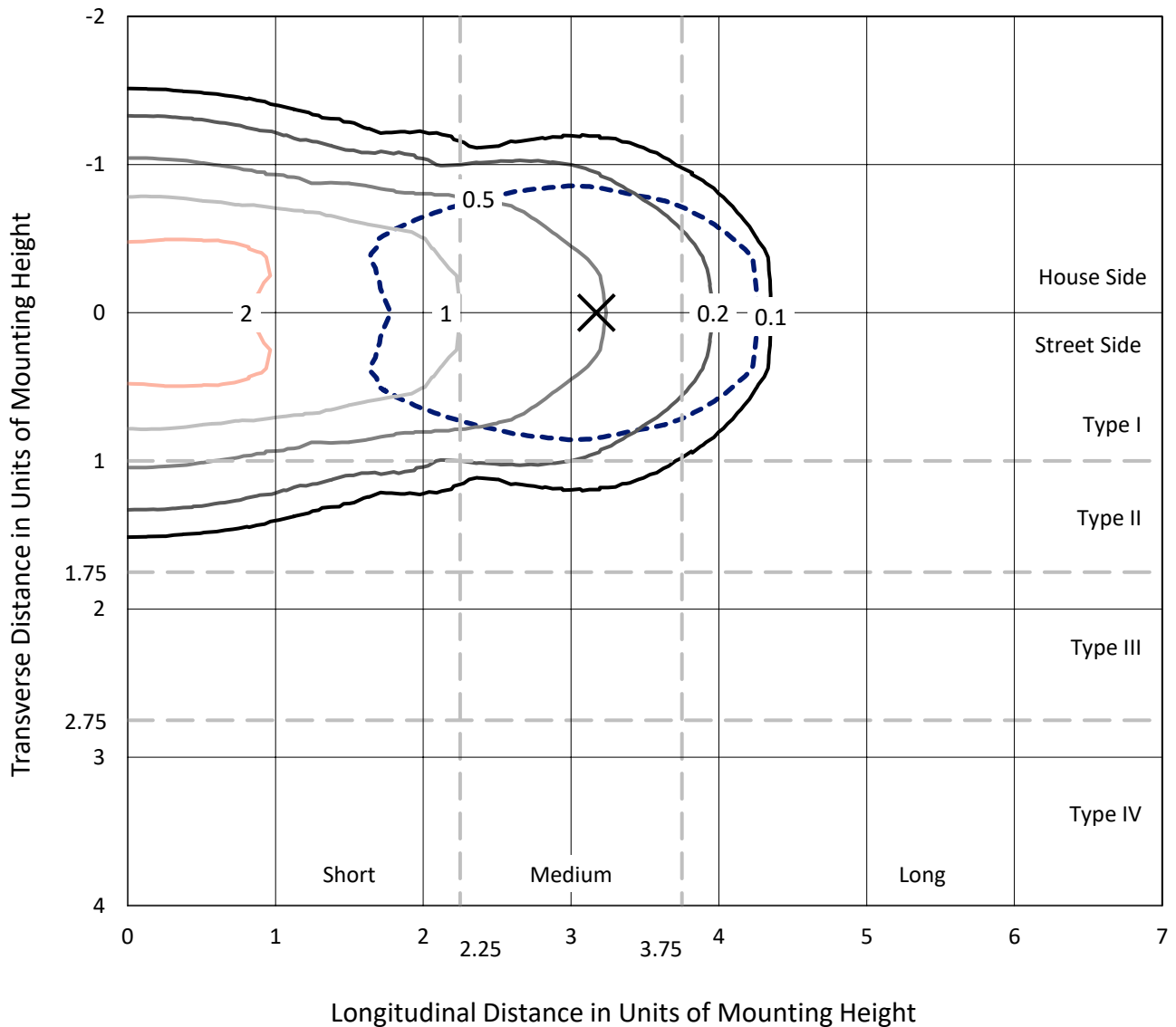
Input Watts (W): 109.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

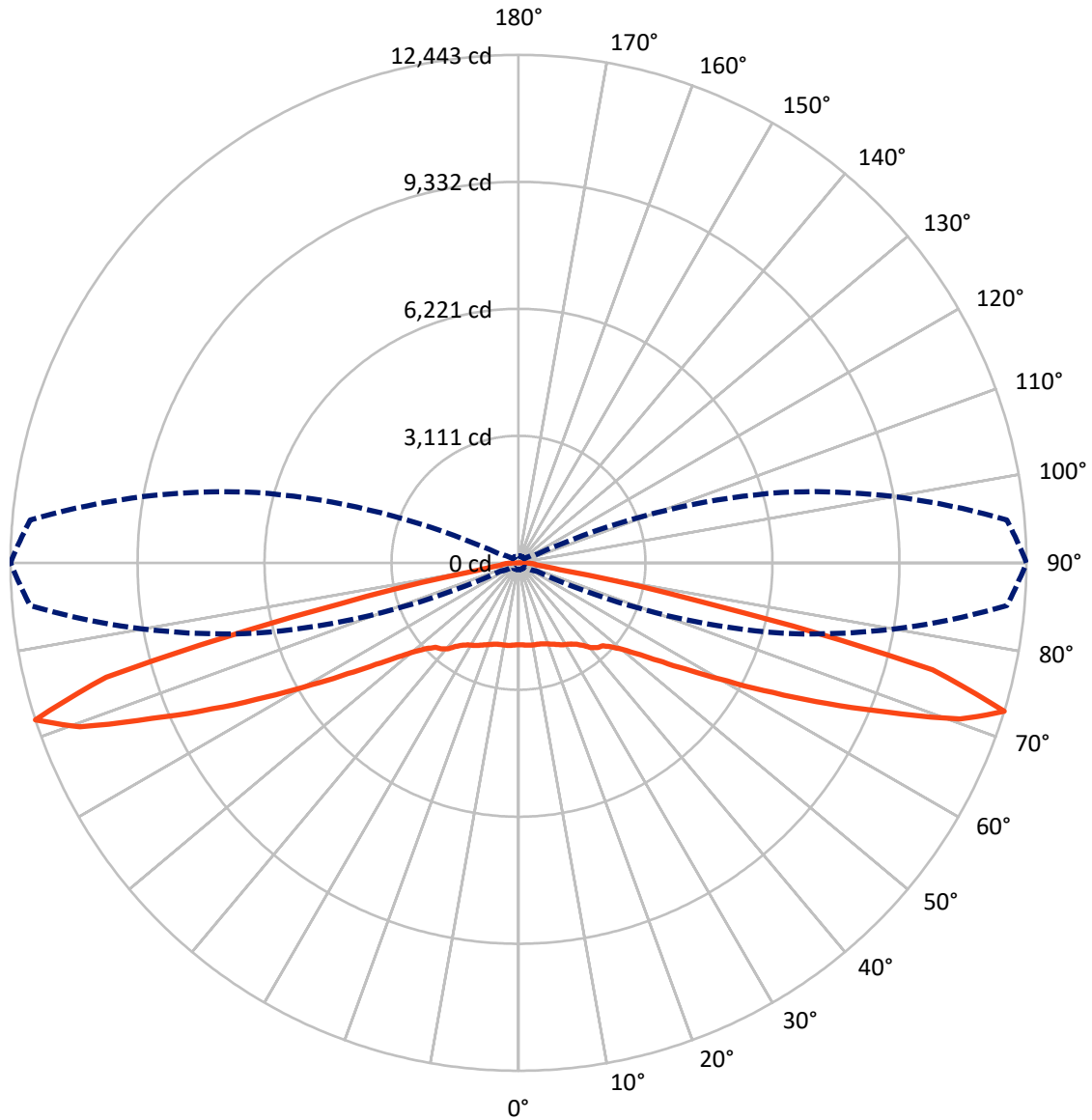
× Max cd
 - - - 1/2 Max cd



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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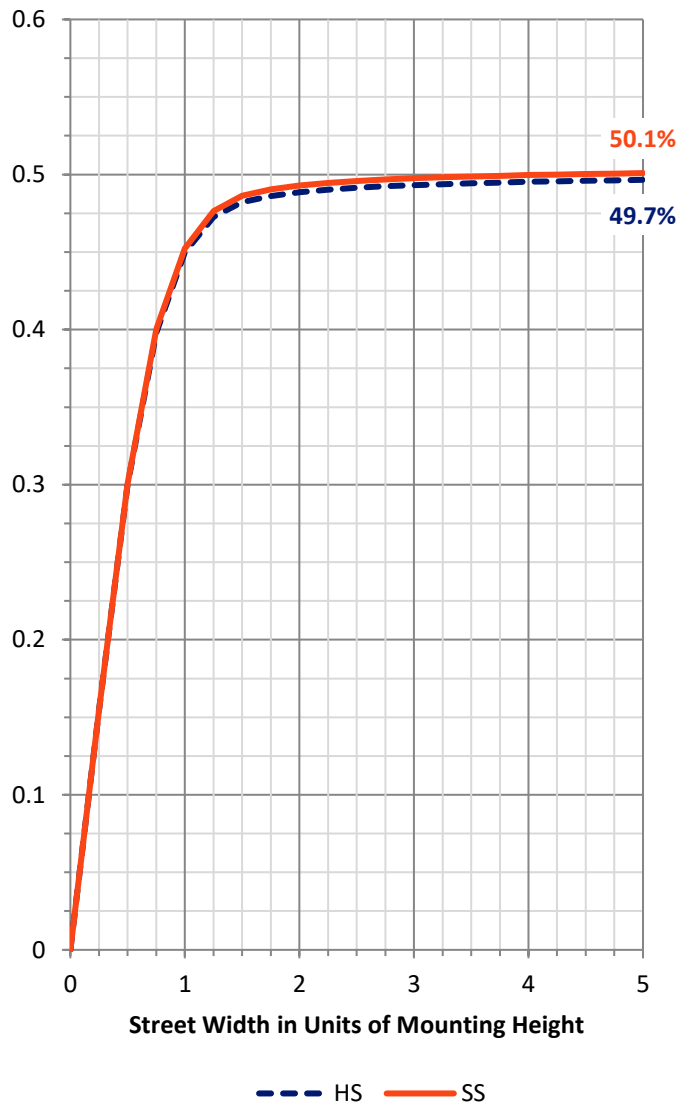
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5381.5	0.0	5381.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5381.5	0.0	5381.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	10763.0	0.0	10763.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	195.0	1.8
10°-20°	596.3	5.5
20°-30°	994.2	9.2
30°-40°	1367.3	12.7
40°-50°	1669.9	15.5
50°-60°	1931.4	17.9
60°-70°	2302.9	21.4
70°-80°	1607.3	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°	10763.0	100.0
0°-180°	10763.0	100.0

Coefficient of Utilization



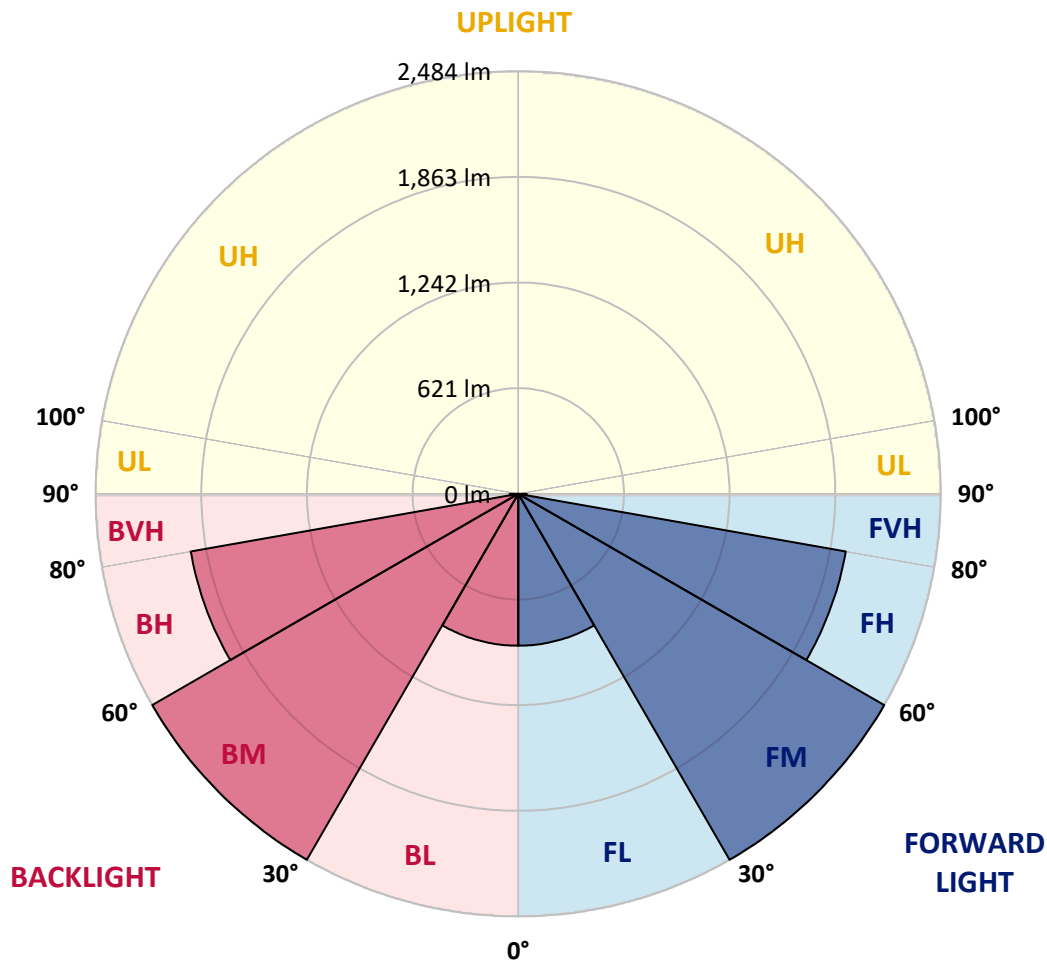
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	892.7	8.3			
FM (30°-60°)	2484.3	23.1			
FH (60°-80°)	1955.1	18.2			G2/5000
FVH (80°-90°)	49.4	0.5			G1/100
BL (0°-30°)	892.7	8.3	B2/1000		
BM (30°-60°)	2484.3	23.1	B2/2500		
BH (60°-80°)	1955.1	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°	2011.2	2011.2	2011.2	2011.2	2011.2	2011.2	2011.2	2011.2	2011.2	2011.2
2.5°	2012.9	2015.2	2015.2	2013.5	2017.5	2014.0	2014.0	2012.3	2014.0	2012.3
5°	2023.2	2026.1	2027.2	2026.6	2031.8	2028.9	2028.9	2026.6	2027.2	2025.5
7.5°	2042.6	2046.6	2048.9	2051.8	2059.2	2055.8	2053.5	2046.6	2043.8	2039.2
10°	2048.9	2053.5	2060.9	2075.8	2093.0	2093.5	2086.7	2069.5	2056.4	2046.1
12.5°	2029.5	2035.8	2051.2	2081.5	2119.9	2135.3	2124.4	2095.8	2070.1	2051.8
15°	2004.9	2011.8	2035.2	2081.0	2137.6	2173.6	2172.5	2134.7	2093.5	2064.9
17.5°	1966.6	1973.4	2007.2	2071.2	2151.3	2210.8	2226.8	2187.9	2130.2	2091.8
20°	1897.4	1903.6	1950.5	2040.4	2155.9	2250.3	2292.0	2257.7	2185.6	2133.6
22.5°	1807.5	1817.3	1872.2	1987.2	2145.0	2291.5	2366.4	2342.9	2250.3	2178.2
25°	1711.4	1721.7	1785.8	1921.9	2117.0	2321.2	2454.5	2439.6	2323.5	2233.7
27.5°	1628.5	1639.4	1709.2	1857.3	2073.5	2332.6	2541.4	2548.9	2412.2	2294.9
30°	1563.3	1573.6	1648.0	1805.3	2017.5	2321.2	2617.5	2669.0	2502.5	2348.1
32.5°	1491.8	1505.0	1583.3	1741.8	1951.1	2293.8	2683.9	2798.8	2607.2	2405.3
35°	1401.4	1413.4	1495.8	1654.8	1864.2	2249.7	2739.3	2943.0	2757.1	2492.2
37.5°	1291.6	1303.0	1384.8	1546.1	1777.8	2187.9	2781.7	3105.4	2935.5	2617.5
40°	1181.2	1192.1	1268.7	1424.9	1674.3	2109.0	2796.5	3264.4	3140.3	2789.7
42.5°	1080.0	1089.7	1160.0	1305.3	1558.1	2008.3	2777.1	3402.9	3323.9	2909.8
45°	986.7	995.3	1057.6	1193.2	1437.5	1885.9	2718.8	3551.6	3542.4	2995.6
47.5°	880.3	888.9	953.5	1084.5	1316.8	1742.3	2619.8	3698.0	3846.2	3190.1
50°	750.5	757.9	824.3	959.3	1191.5	1589.6	2482.5	3813.0	4229.4	3484.7
52.5°	596.6	604.6	669.2	804.2	1042.8	1425.4	2301.8	3887.9	4672.2	3914.8
55°	443.9	449.6	505.7	626.9	858.6	1238.4	2075.2	3909.1	5174.4	4502.8
57.5°	322.0	325.5	361.5	451.9	650.9	1004.4	1800.1	3854.2	5772.1	5256.8
60°	260.8	262.0	272.8	312.9	452.5	740.2	1467.8	3665.4	6420.8	6228.6
62.5°	236.8	236.8	239.7	250.5	306.0	488.5	1065.7	3274.2	7116.4	7456.7
65°	220.2	220.2	221.4	226.5	241.4	311.2	672.7	2637.0	7702.7	8895.3
67.5°	205.4	205.9	205.4	207.1	215.6	229.9	390.1	1821.3	8018.4	10385.9
70°	189.9	191.1	188.2	188.2	195.1	195.6	244.2	998.7	7756.4	11635.2
72.5°	171.6	173.3	168.7	167.6	172.7	170.5	183.6	479.3	6659.3	12008.2
75°	155.6	157.9	147.6	144.7	144.7	143.0	149.3	246.0	4322.1	9795.6
77.5°	141.3	145.9	129.3	120.1	117.8	112.7	121.8	150.4	1890.5	4598.9
80°	116.7	123.0	106.4	95.5	91.5	85.8	96.1	105.2	562.3	1067.9
82.5°	86.9	89.8	75.5	68.1	64.6	60.6	72.1	73.2	183.0	378.1
85°	55.5	56.6	46.3	40.0	38.3	36.6	45.8	40.0	69.8	278.0
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°

2011.2
2012.3
2025.5
2039.2
2044.4
2048.9
2060.4
2085.5
2123.9
2165.1
2215.4
2275.4
2320.1
2369.8
2452.8
2564.9
2733.6
2837.7
2898.4
3078.0
3344.0
3741.5
4286.1
4983.9
5884.8
6996.2
8313.0
9757.3
11469.9
12442.9
10477.5
4503.4
1022.8
427.3
403.8
243.1
0.0

OF REPORT)