

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: P847354

Luminaire Tested: **GLAN-SB3B-930-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847354
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-930-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 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: 11276 lumens
Efficiency: N/A
Efficacy: 103.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B3 - U0 - G3

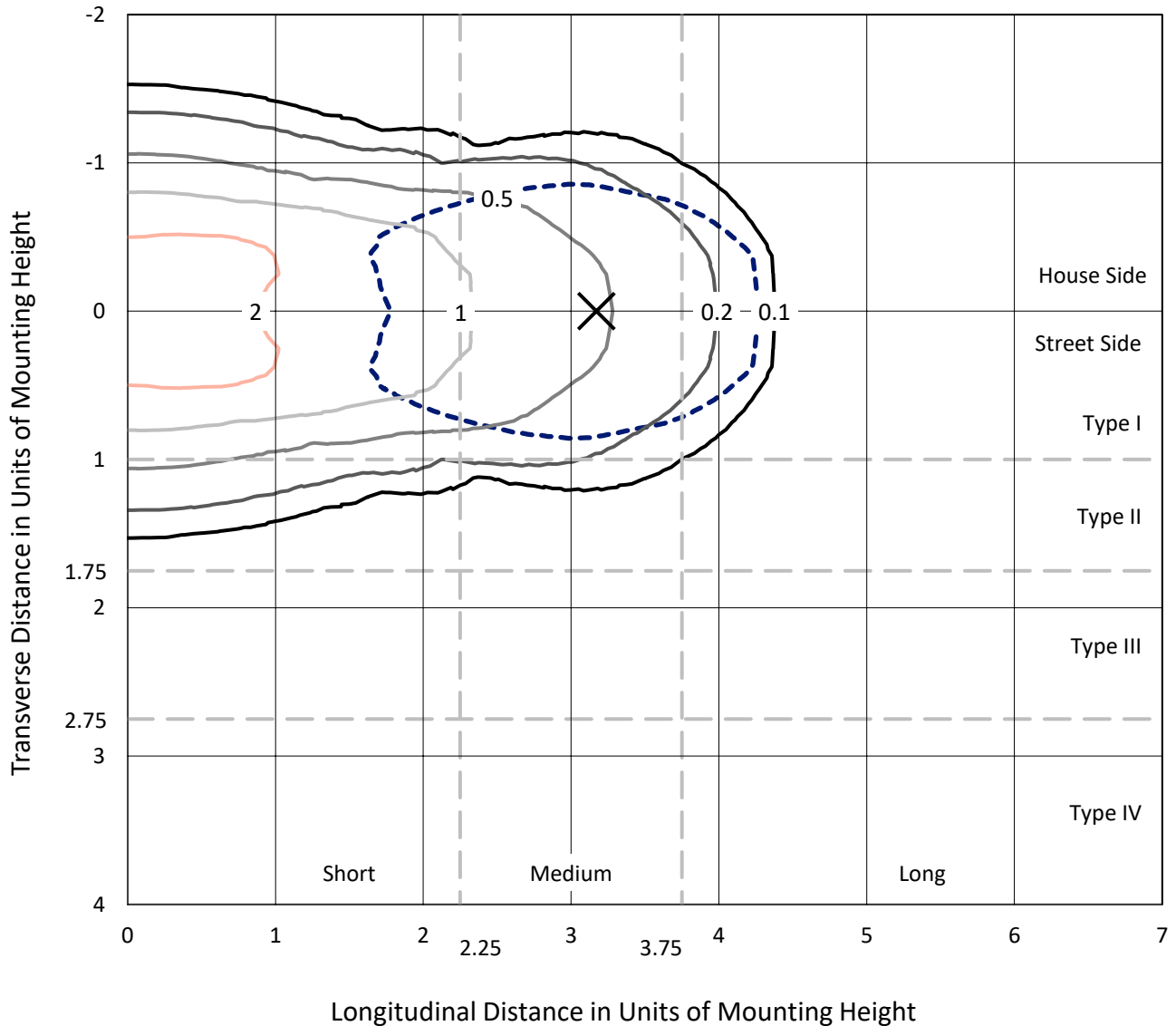
Input Watts (W): 109.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

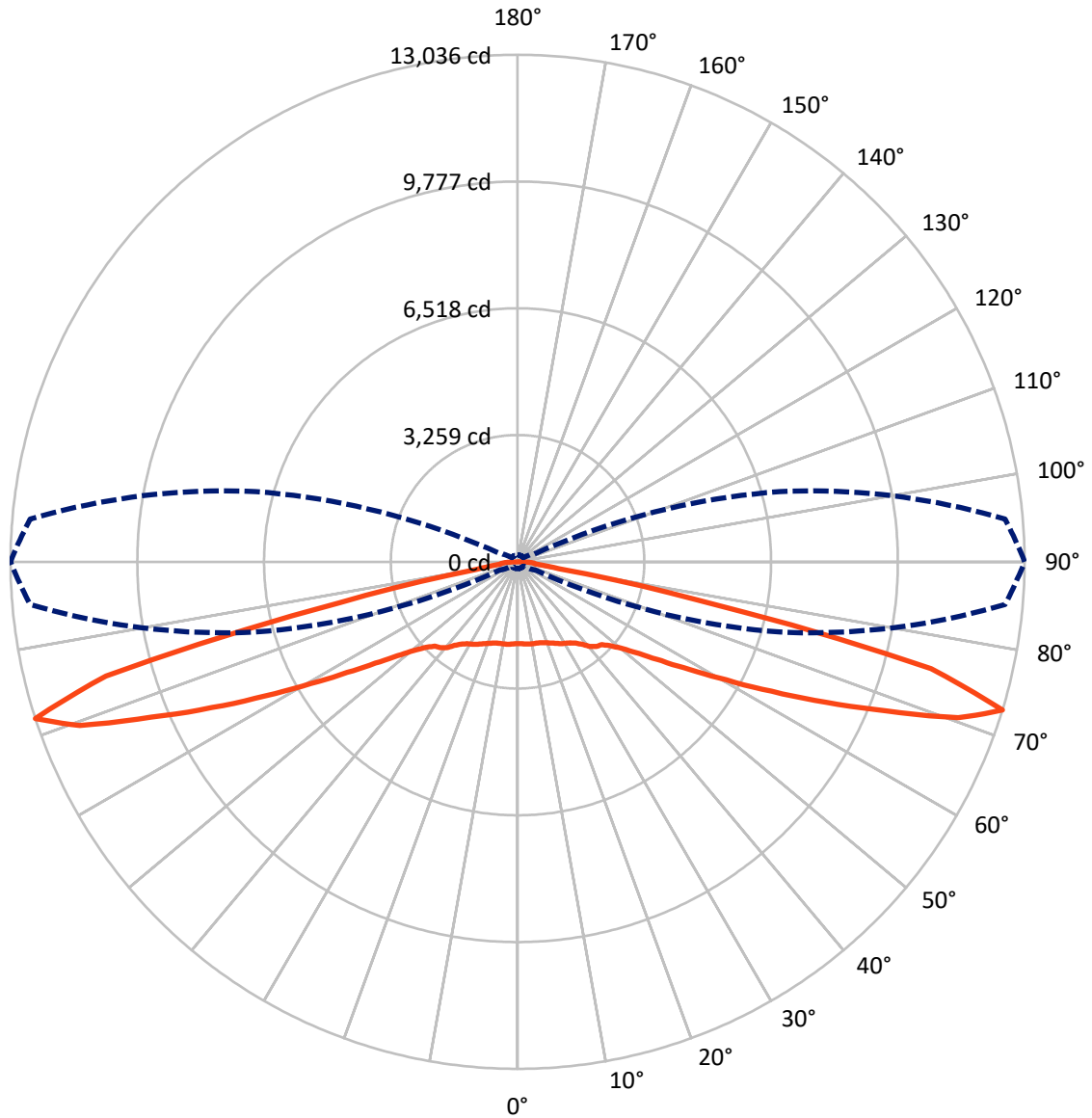
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.4 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	5638.0	0.0	5638.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5638.0	0.0	5638.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	11276.0	0.0	11276.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	204.3	1.8
10°-20°	624.7	5.5
20°-30°	1041.6	9.2
30°-40°	1432.5	12.7
40°-50°	1749.5	15.5
50°-60°	2023.5	17.9
60°-70°	2412.7	21.4
70°-80°	1683.9	14.9
80°-90°	103.4	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°	11276.0	100.0
0°-180°	11276.0	100.0

Coefficient of Utilization



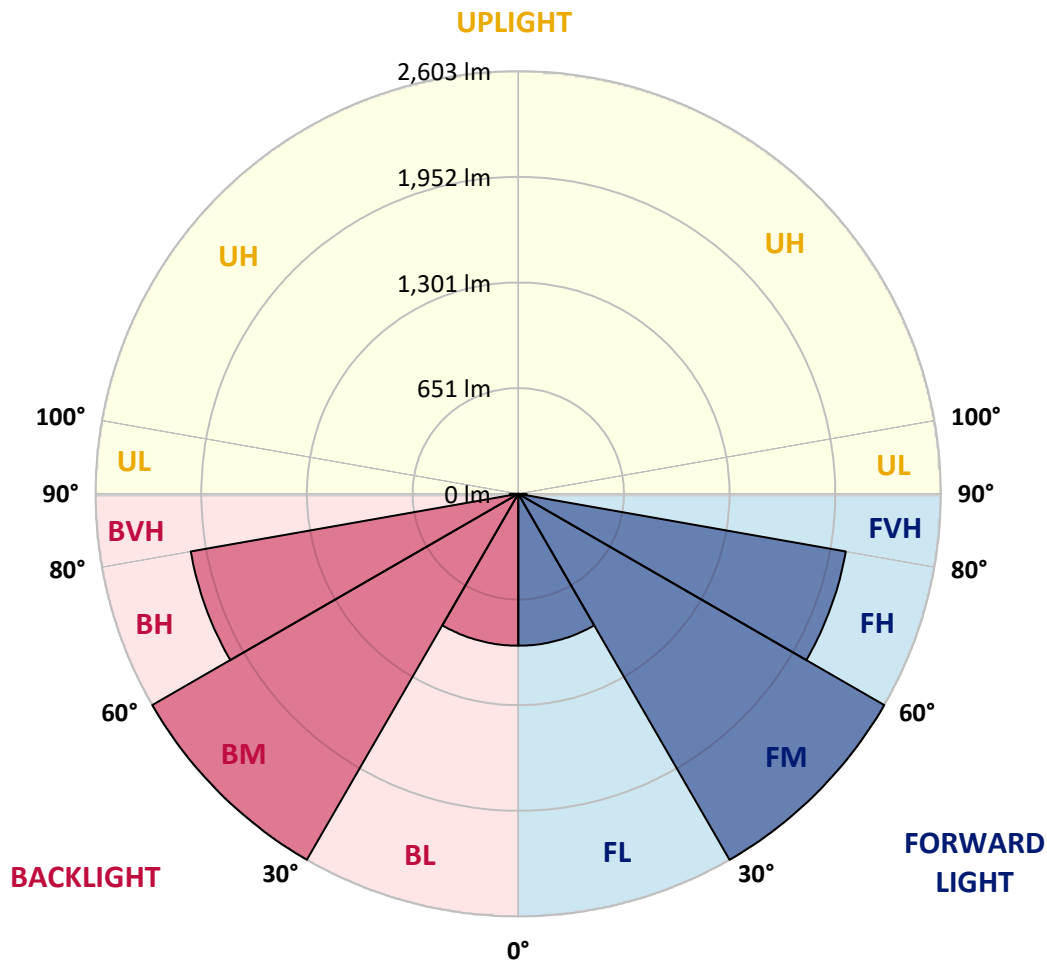
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	935.3	8.3			
FM (30°-60°)	2602.7	23.1			
FH (60°-80°)	2048.3	18.2			G2/5000
FVH (80°-90°)	51.7	0.5			G1/100
BL (0°-30°)	935.3	8.3	B2/1000		
BM (30°-60°)	2602.7	23.1	B3/5000		
BH (60°-80°)	2048.3	18.2	B3/2500		G3/2500
BVH (80°-90°)	51.7	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°	2107.0	2107.0	2107.0	2107.0	2107.0	2107.0	2107.0	2107.0	2107.0	2107.0
2.5°	2108.8	2111.2	2111.2	2109.4	2113.6	2110.0	2110.0	2108.2	2110.0	2108.2
5°	2119.6	2122.6	2123.8	2123.2	2128.6	2125.6	2125.6	2123.2	2123.8	2122.0
7.5°	2140.0	2144.2	2146.6	2149.6	2157.4	2153.8	2151.4	2144.2	2141.2	2136.4
10°	2146.6	2151.4	2159.2	2174.8	2192.7	2193.3	2186.1	2168.2	2154.4	2143.6
12.5°	2126.2	2132.8	2149.0	2180.8	2220.9	2237.1	2225.7	2195.7	2168.8	2149.6
15°	2100.4	2107.6	2132.2	2180.2	2239.5	2277.2	2276.0	2236.5	2193.3	2163.4
17.5°	2060.3	2067.5	2102.8	2170.0	2253.9	2316.2	2333.0	2292.2	2231.7	2191.5
20°	1987.8	1994.4	2043.5	2137.6	2258.7	2357.5	2401.3	2365.3	2289.8	2235.3
22.5°	1893.7	1903.9	1961.4	2081.9	2247.3	2400.7	2479.2	2454.6	2357.5	2282.0
25°	1793.0	1803.8	1870.9	2013.6	2217.9	2431.8	2571.5	2555.9	2434.2	2340.2
27.5°	1706.1	1717.5	1790.6	1945.8	2172.4	2443.8	2662.6	2670.4	2527.1	2404.3
30°	1637.8	1648.6	1726.5	1891.3	2113.6	2431.8	2742.3	2796.2	2621.8	2460.0
32.5°	1562.9	1576.7	1658.8	1824.8	2044.1	2403.1	2811.8	2932.2	2731.5	2519.9
35°	1468.2	1480.8	1567.1	1733.7	1953.0	2356.9	2869.9	3083.3	2888.5	2611.0
37.5°	1353.2	1365.1	1450.8	1619.8	1862.5	2292.2	2914.3	3253.4	3075.5	2742.3
40°	1237.5	1248.9	1329.2	1492.8	1754.1	2209.5	2929.8	3420.0	3290.0	2922.6
42.5°	1131.4	1141.6	1215.3	1367.5	1632.4	2104.0	2909.5	3565.1	3482.4	3048.5
45°	1033.7	1042.7	1108.1	1250.1	1506.0	1975.8	2848.3	3720.9	3711.3	3138.4
47.5°	922.3	931.3	999.0	1136.2	1379.5	1825.4	2744.7	3874.3	4029.5	3342.1
50°	786.2	794.0	863.6	1005.0	1248.3	1665.4	2600.8	3994.7	4431.0	3650.8
52.5°	625.0	633.4	701.1	842.6	1092.5	1493.4	2411.5	4073.3	4894.9	4101.4
55°	465.0	471.0	529.8	656.8	899.5	1297.4	2174.2	4095.4	5421.0	4717.5
57.5°	337.4	341.0	378.7	473.4	682.0	1052.3	1885.9	4037.9	6047.3	5507.3
60°	273.3	274.5	285.9	327.8	474.0	775.5	1537.7	3840.1	6726.8	6525.5
62.5°	248.1	248.1	251.1	262.5	320.6	511.8	1116.4	3430.2	7455.5	7812.1
65°	230.7	230.7	231.9	237.3	252.9	326.0	704.7	2762.6	8069.8	9319.3
67.5°	215.1	215.7	215.1	216.9	225.9	240.9	408.7	1908.1	8400.6	10881.0
70°	199.0	200.2	197.2	197.2	204.4	205.0	255.9	1046.3	8126.1	12189.8
72.5°	179.8	181.6	176.8	175.6	181.0	178.6	192.4	502.2	6976.7	12580.5
75°	163.0	165.4	154.6	151.6	151.6	149.8	156.4	257.7	4528.1	10262.5
77.5°	148.0	152.8	135.4	125.8	123.4	118.1	127.6	157.6	1980.6	4818.1
80°	122.3	128.8	111.5	100.1	95.9	89.9	100.7	110.3	589.1	1118.8
82.5°	91.1	94.1	79.1	71.3	67.7	63.5	75.5	76.7	191.8	396.1
85°	58.1	59.3	48.5	41.9	40.2	38.4	47.9	41.9	73.1	291.2
87.5°	20.4	23.4	18.6	16.8	18.0	15.0	22.2	12.6	20.4	205.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

2107.0
2108.2
2122.0
2136.4
2141.8
2146.6
2158.6
2184.9
2225.1
2268.2
2321.0
2383.9
2430.6
2482.8
2569.7
2687.1
2863.9
2973.0
3036.5
3224.7
3503.3
3919.8
4490.3
5221.5
6165.3
7329.7
8709.2
10222.4
12016.6
13036.0
10976.9
4718.1
1071.5
447.7
423.1
254.7
0.0

OF REPORT)