

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: P849091

Luminaire Tested: **GLAN-SB6A-722-U-5WQ**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P849091
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-1)
Test Lab: INNOVATION CENTER
Issue Date: 6/26/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB6A-722-U-5WQ
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 21516 lumens
Efficiency: N/A
Efficacy: 125.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B5 - U0 - G3

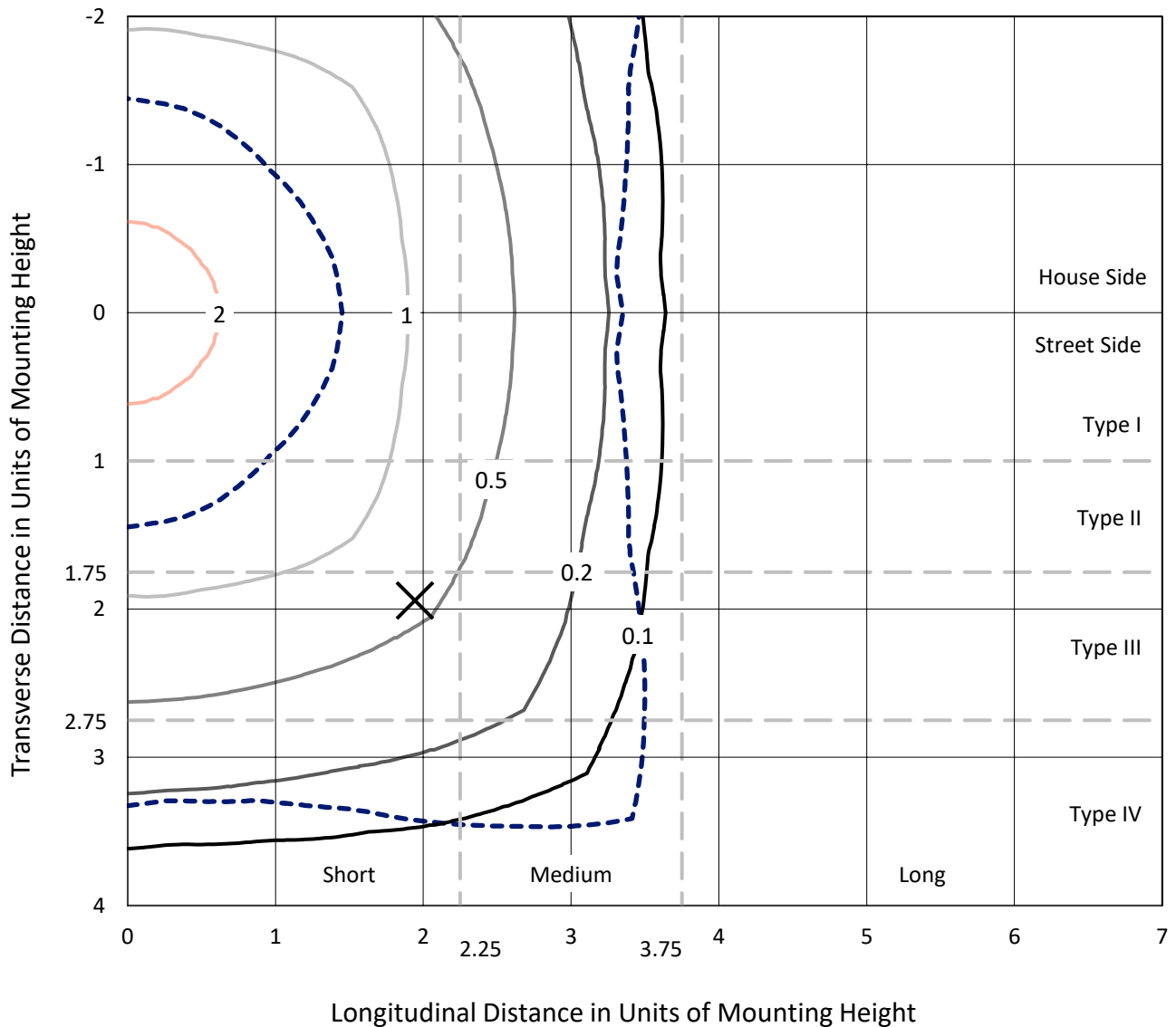
Input Watts (W): 170.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

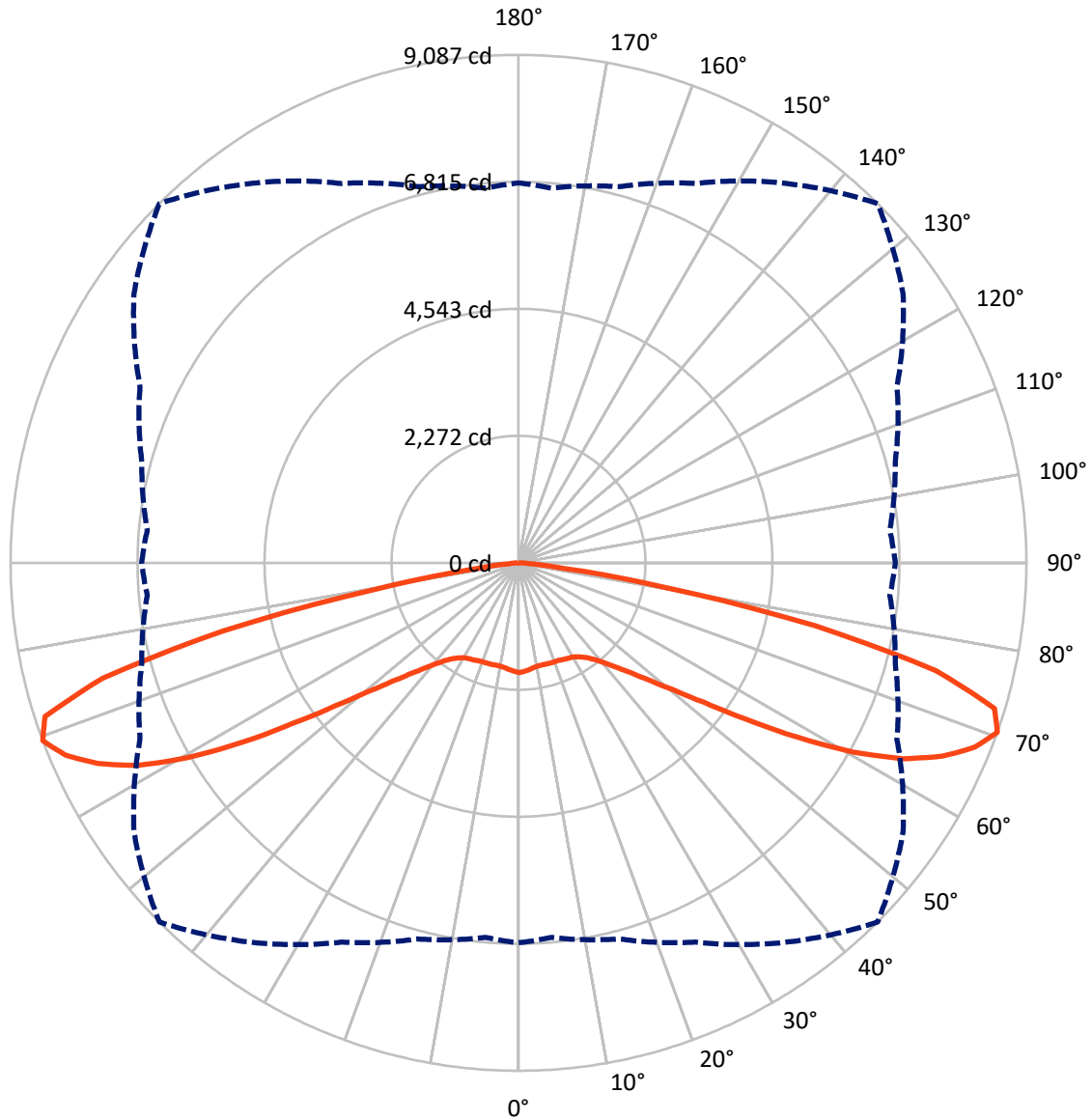
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.1 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10758.0	0.0	10758.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	10758.0	0.0	10758.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	21516.0	0.0	21516.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	182.6	0.8
10°-20°	536.1	2.5
20°-30°	892.1	4.1
30°-40°	1349.2	6.3
40°-50°	2242.0	10.4
50°-60°	4230.6	19.7
60°-70°	7143.5	33.2
70°-80°	4694.0	21.8
80°-90°	245.9	1.1
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°	21516.0	100.0
0°-180°	21516.0	100.0

Coefficient of Utilization



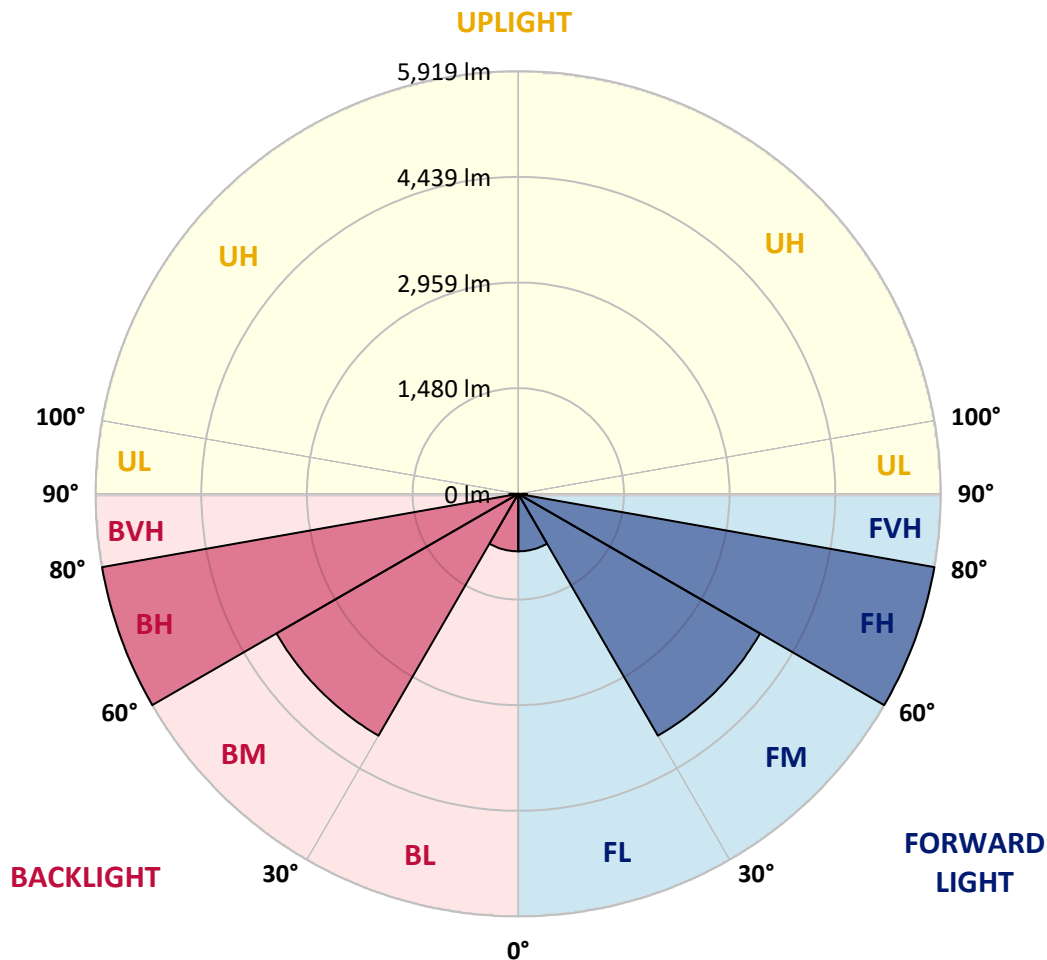
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	805.4	3.7			
FM (30°-60°)	3910.9	18.2			
FH (60°-80°)	5918.8	27.5			G3/7500
FVH (80°-90°)	123.0	0.6			G2/225
BL (0°-30°)	805.4	3.7	B2/1000		
BM (30°-60°)	3910.9	18.2	B3/5000		
BH (60°-80°)	5918.8	27.5	B5		G3/7500
BVH (80°-90°)	123.0	0.6			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G3

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	1962.7	1962.7	1962.7	1962.7	1962.7	1962.7	1962.7	1962.7	1962.7	1962.7
2.5°	1950.4	1956.0	1953.7	1949.3	1949.3	1945.9	1949.3	1951.5	1954.9	1957.1
5°	1924.7	1929.1	1928.0	1924.7	1925.8	1922.4	1924.7	1928.0	1930.3	1931.4
7.5°	1902.3	1906.8	1904.5	1898.9	1898.9	1895.6	1896.7	1900.1	1903.4	1904.5
10°	1896.7	1901.2	1894.5	1885.5	1882.2	1877.7	1878.8	1882.2	1888.9	1892.2
12.5°	1898.9	1902.3	1895.6	1882.2	1878.8	1874.3	1874.3	1877.7	1886.6	1891.1
15°	1905.7	1909.0	1898.9	1884.4	1881.1	1877.7	1876.6	1881.1	1891.1	1898.9
17.5°	1918.0	1921.3	1905.7	1885.5	1881.1	1882.2	1881.1	1884.4	1900.1	1914.6
20°	1929.1	1931.4	1910.1	1885.5	1881.1	1882.2	1881.1	1887.8	1907.9	1928.0
22.5°	1932.5	1934.7	1914.6	1893.4	1890.0	1891.1	1890.0	1896.7	1915.7	1935.9
25°	1933.6	1937.0	1921.3	1904.5	1910.1	1912.4	1910.1	1911.2	1925.8	1943.7
27.5°	1950.4	1954.9	1940.3	1925.8	1929.1	1928.0	1931.4	1934.7	1945.9	1963.8
30°	1985.1	1988.4	1976.1	1961.6	1959.3	1951.5	1961.6	1972.8	1985.1	2000.7
32.5°	2042.1	2048.8	2033.1	2017.5	2007.4	2003.0	2010.8	2029.8	2046.6	2063.3
35°	2137.2	2141.6	2127.1	2098.0	2080.1	2080.1	2086.8	2111.4	2138.3	2159.5
37.5°	2271.4	2276.9	2251.2	2216.6	2189.7	2189.7	2198.7	2224.4	2264.6	2294.8
40°	2434.6	2442.5	2410.0	2374.2	2348.5	2344.0	2355.2	2384.3	2422.3	2460.4
42.5°	2631.5	2640.4	2597.9	2566.6	2546.5	2546.5	2552.1	2578.9	2613.6	2660.5
45°	2883.1	2898.7	2840.6	2809.3	2790.3	2794.7	2798.1	2821.6	2852.9	2906.6
47.5°	3182.8	3198.5	3137.0	3104.5	3101.2	3122.4	3109.0	3125.8	3142.5	3204.1
50°	3522.8	3549.6	3507.1	3504.9	3511.6	3550.7	3519.4	3528.4	3509.4	3548.5
52.5°	3938.8	3977.9	3970.1	3983.5	4058.5	4139.0	4067.4	4036.1	3964.5	3976.8
55°	4443.2	4502.4	4513.6	4594.2	4764.1	4928.5	4776.4	4650.1	4498.0	4470.0
57.5°	5016.9	5063.9	5117.5	5281.9	5599.5	5891.4	5599.5	5320.0	5080.6	5023.6
60°	5634.2	5692.4	5743.8	5986.5	6458.4	6868.9	6449.5	6005.5	5689.0	5611.8
62.5°	6297.4	6372.3	6408.1	6677.6	7227.9	7717.7	7235.7	6697.8	6346.6	6263.8
65°	6933.7	6995.2	7035.5	7322.9	7848.5	8339.5	7884.3	7354.2	6993.0	6884.5
67.5°	7230.1	7263.6	7362.1	7687.5	8242.2	8802.5	8336.1	7722.2	7318.4	7128.3
70°	6796.2	6728.0	6965.0	7486.2	8289.2	9086.5	8396.5	7470.5	6976.2	6667.6
72.5°	5251.7	5134.3	5545.9	6437.2	7752.4	8905.4	7806.0	6487.5	5802.0	5175.7
75°	2857.4	2724.3	3292.4	4419.7	6182.2	7718.8	6324.2	4546.1	3665.9	2836.1
77.5°	806.3	756.0	1214.5	2138.3	3718.5	5419.5	3861.6	2185.2	1440.4	854.4
80°	247.2	239.3	324.3	644.2	1579.1	2595.7	1517.6	652.0	412.7	260.6
82.5°	146.5	134.2	161.0	234.9	402.6	815.3	391.4	244.9	196.8	132.0
85°	83.9	78.3	95.1	114.1	135.3	173.3	113.0	116.3	105.1	70.5
87.5°	34.7	31.3	36.9	35.8	31.3	40.3	30.2	35.8	42.5	28.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
1962.7
1956.0
1931.4
1904.5
1892.2
1892.2
1900.1
1914.6
1929.1
1935.9
1942.6
1959.3
1997.4
2056.6
2151.7
2283.7
2448.1
2657.2
2904.3
3186.2
3525.0
3935.4
4426.4
4983.3
5544.7
6196.7
6830.8
7130.6
6741.4
5331.1
3020.6
949.5
275.1
143.1
73.8
25.7
0.0

OF REPORT)