

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: P849391

Luminaire Tested: **GLAN-SB6B-930-U-5WQ**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P849391
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-SB6B-930-U-5WQ
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 90 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23302 lumens
Efficiency: N/A
Efficacy: 105.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B5 - U0 - G3

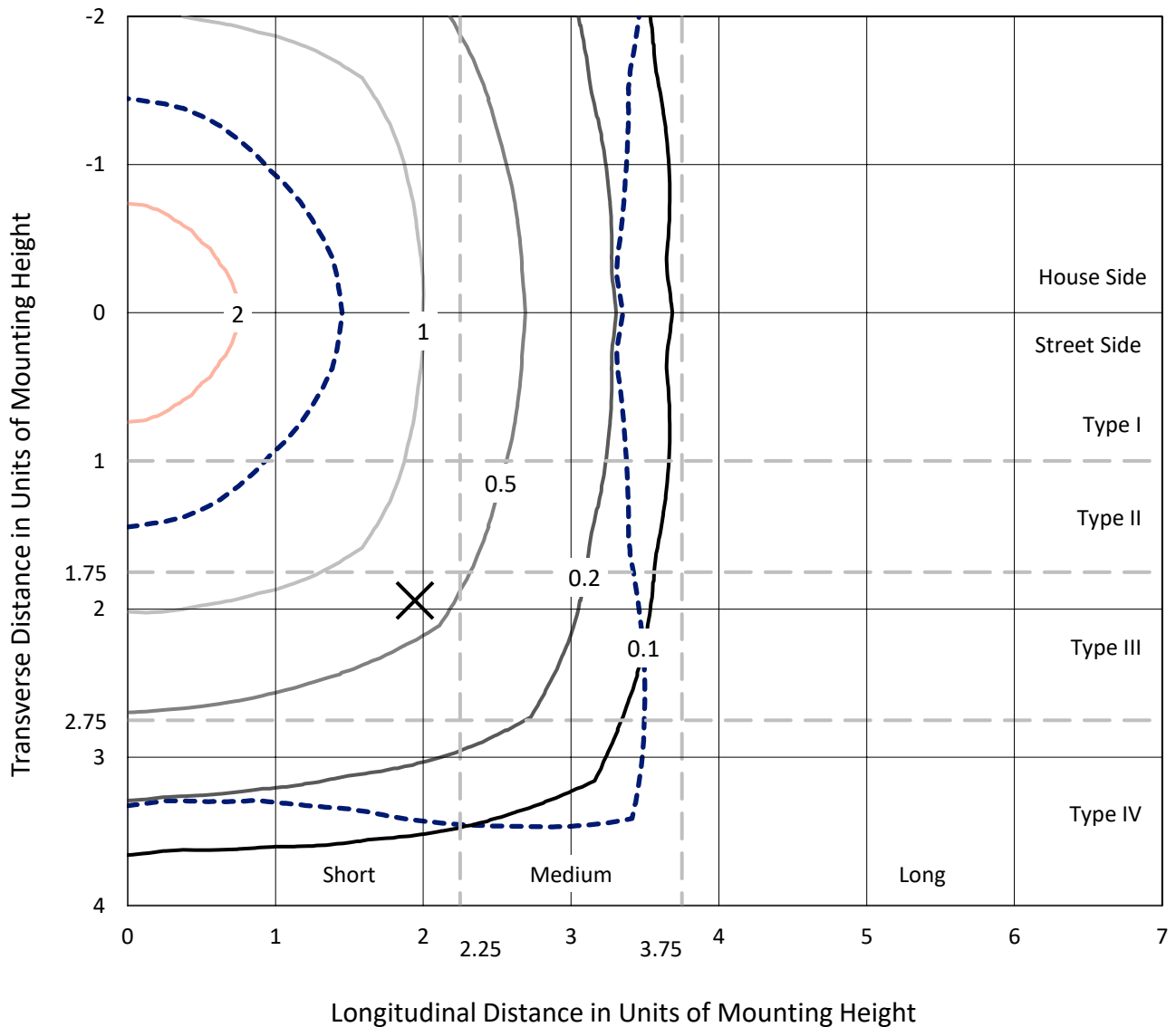
Input Watts (W): 220.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

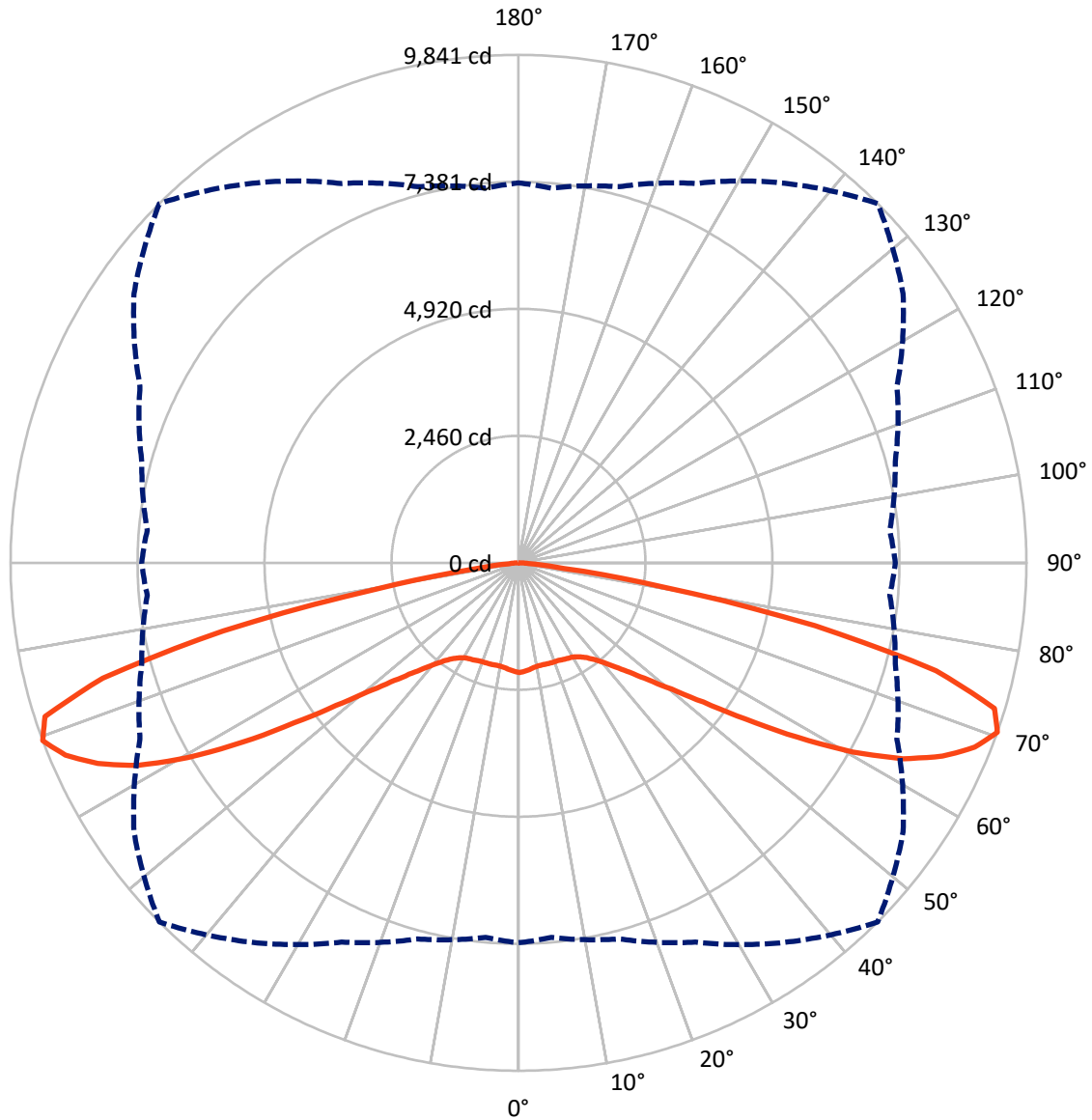
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.4 fc
 Type 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	11651.0	0.0	11651.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	11651.0	0.0	11651.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	23302.0	0.0	23302.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	197.7	0.8
10°-20°	580.6	2.5
20°-30°	966.2	4.1
30°-40°	1461.2	6.3
40°-50°	2428.1	10.4
50°-60°	4581.8	19.7
60°-70°	7736.5	33.2
70°-80°	5083.7	21.8
80°-90°	266.3	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°	23302.0	100.0
0°-180°	23302.0	100.0

Coefficient of Utilization



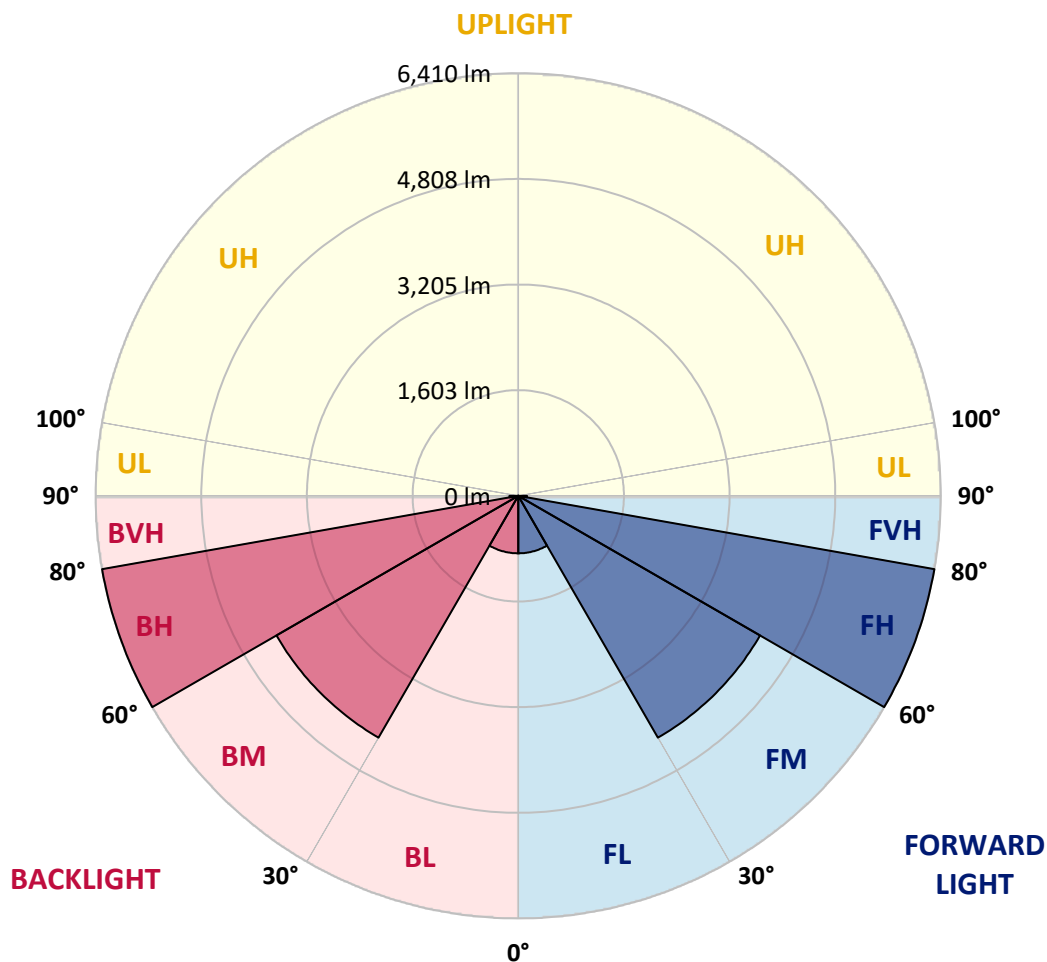
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	872.3	3.7			
FM (30°-60°)	4235.5	18.2			
FH (60°-80°)	6410.1	27.5			G3/7500
FVH (80°-90°)	133.2	0.6			G2/225
BL (0°-30°)	872.3	3.7	B2/1000		
BM (30°-60°)	4235.5	18.2	B3/5000		
BH (60°-80°)	6410.1	27.5	B5		G3/7500
BVH (80°-90°)	133.2	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°	2125.6	2125.6	2125.6	2125.6	2125.6	2125.6	2125.6	2125.6	2125.6	2125.6
2.5°	2112.3	2118.3	2115.9	2111.1	2111.1	2107.4	2111.1	2113.5	2117.1	2119.6
5°	2084.4	2089.3	2088.1	2084.4	2085.6	2082.0	2084.4	2088.1	2090.5	2091.7
7.5°	2060.2	2065.1	2062.6	2056.6	2056.6	2052.9	2054.2	2057.8	2061.4	2062.6
10°	2054.2	2059.0	2051.7	2042.0	2038.4	2033.6	2034.8	2038.4	2045.7	2049.3
12.5°	2056.6	2060.2	2052.9	2038.4	2034.8	2029.9	2029.9	2033.6	2043.3	2048.1
15°	2063.8	2067.5	2056.6	2040.8	2037.2	2033.6	2032.4	2037.2	2048.1	2056.6
17.5°	2077.2	2080.8	2063.8	2042.0	2037.2	2038.4	2037.2	2040.8	2057.8	2073.5
20°	2089.3	2091.7	2068.7	2042.0	2037.2	2038.4	2037.2	2044.5	2066.3	2088.1
22.5°	2092.9	2095.3	2073.5	2050.5	2046.9	2048.1	2046.9	2054.2	2074.7	2096.5
25°	2094.1	2097.8	2080.8	2062.6	2068.7	2071.1	2068.7	2069.9	2085.6	2105.0
27.5°	2112.3	2117.1	2101.4	2085.6	2089.3	2088.1	2091.7	2095.3	2107.4	2126.8
30°	2149.8	2153.5	2140.1	2124.4	2122.0	2113.5	2124.4	2136.5	2149.8	2166.8
32.5°	2211.6	2218.9	2201.9	2185.0	2174.1	2169.2	2177.7	2198.3	2216.4	2234.6
35°	2314.6	2319.4	2303.7	2272.2	2252.8	2252.8	2260.1	2286.7	2315.8	2338.8
37.5°	2459.9	2466.0	2438.1	2400.5	2371.5	2371.5	2381.2	2409.0	2452.6	2485.3
40°	2636.7	2645.2	2610.1	2571.3	2543.5	2538.6	2550.7	2582.2	2623.4	2664.6
42.5°	2849.9	2859.6	2813.6	2779.6	2757.8	2757.8	2763.9	2793.0	2830.5	2881.4
45°	3122.4	3139.4	3076.4	3042.5	3021.9	3026.7	3030.4	3055.8	3089.7	3147.8
47.5°	3447.0	3464.0	3397.3	3362.2	3358.6	3381.6	3367.1	3385.2	3403.4	3470.0
50°	3815.2	3844.3	3798.2	3795.8	3803.1	3845.5	3811.6	3821.3	3800.7	3843.1
52.5°	4265.8	4308.1	4299.7	4314.2	4395.4	4482.6	4405.0	4371.1	4293.6	4306.9
55°	4812.0	4876.2	4888.3	4975.5	5159.6	5337.6	5172.9	5036.1	4871.3	4841.1
57.5°	5433.3	5484.2	5542.3	5720.4	6064.4	6380.5	6064.4	5761.6	5502.4	5440.6
60°	6101.9	6164.9	6220.6	6483.4	6994.5	7439.0	6984.8	6504.0	6161.2	6077.7
62.5°	6820.1	6901.3	6940.0	7231.9	7827.8	8358.3	7836.3	7253.7	6873.4	6783.8
65°	7509.3	7575.9	7619.5	7930.8	8500.0	9031.7	8538.8	7964.7	7573.5	7456.0
67.5°	7830.2	7866.6	7973.2	8325.6	8926.4	9533.2	9028.1	8363.2	7925.9	7720.0
70°	7360.3	7286.4	7543.2	8107.6	8977.2	9840.8	9093.5	8090.6	7555.3	7221.0
72.5°	5687.7	5560.5	6006.2	6971.5	8395.9	9644.6	8454.0	7026.0	6283.6	5605.3
75°	3094.6	2950.4	3565.7	4786.6	6695.4	8359.5	6849.2	4923.4	3970.2	3071.5
77.5°	873.3	818.8	1315.3	2315.8	4027.2	5869.4	4182.2	2366.6	1560.0	925.3
80°	267.7	259.2	351.2	697.6	1710.2	2811.1	1643.6	706.1	446.9	282.2
82.5°	158.7	145.3	174.4	254.3	436.0	882.9	423.9	265.2	213.2	142.9
85°	90.8	84.8	102.9	123.5	146.6	187.7	122.3	126.0	113.9	76.3
87.5°	37.5	33.9	40.0	38.8	33.9	43.6	32.7	38.8	46.0	30.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
2125.6
2118.3
2091.7
2062.6
2049.3
2049.3
2057.8
2073.5
2089.3
2096.5
2103.8
2122.0
2163.2
2227.4
2330.3
2473.2
2651.3
2877.8
3145.4
3450.6
3817.6
4262.1
4793.8
5397.0
6005.0
6711.1
7397.9
7722.4
7301.0
5773.7
3271.4
1028.3
297.9
155.0
79.9
27.9
0.0

OF REPORT)