

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: P851474

Luminaire Tested: **GLAN-SB9C-722-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P851474
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-SB9C-722-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(9) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 52769 lumens
Efficiency: N/A
Efficacy: 117.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type I - Short
BUG Rating: B5 - U0 - G5

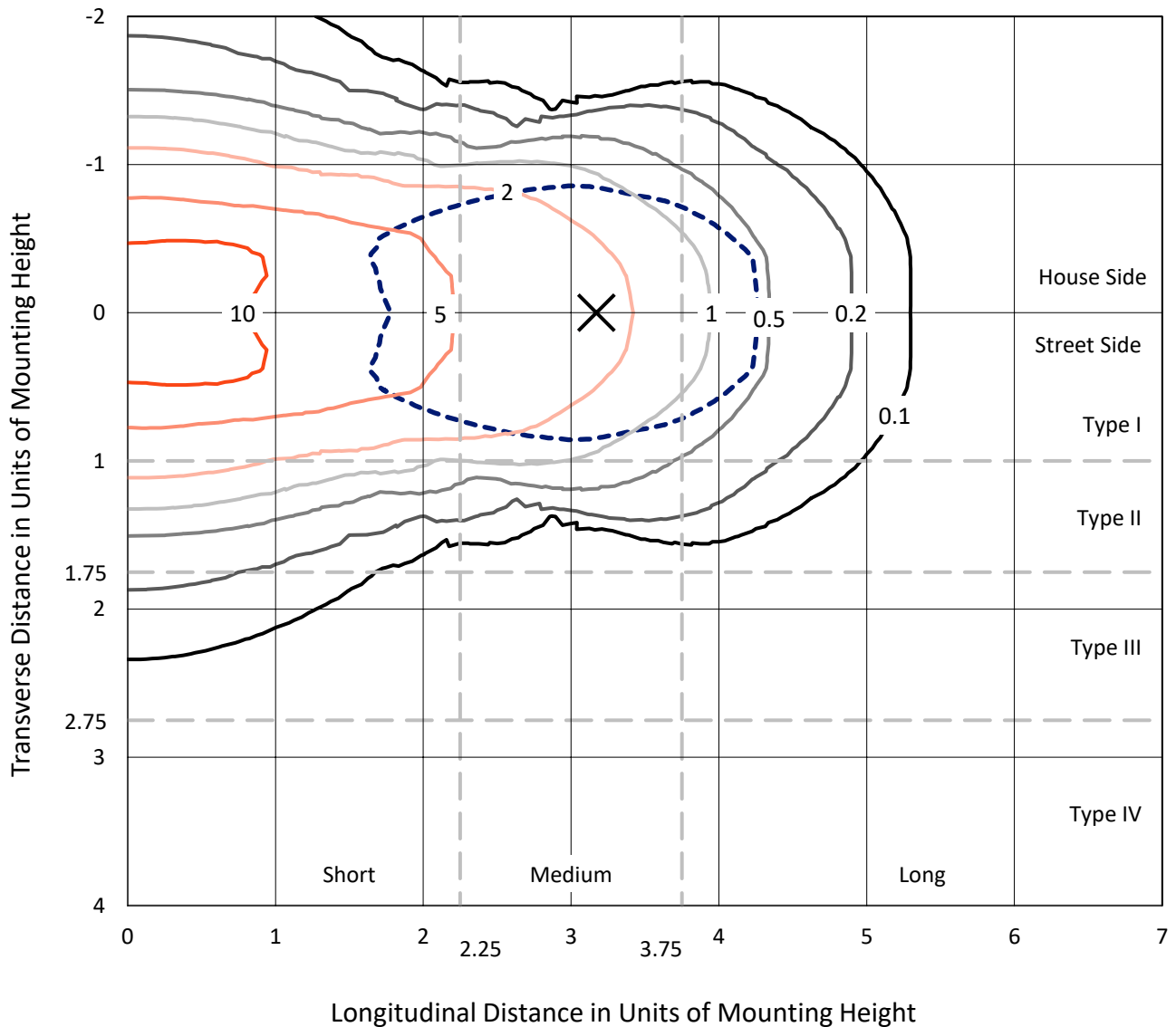
Input Watts (W): 449.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

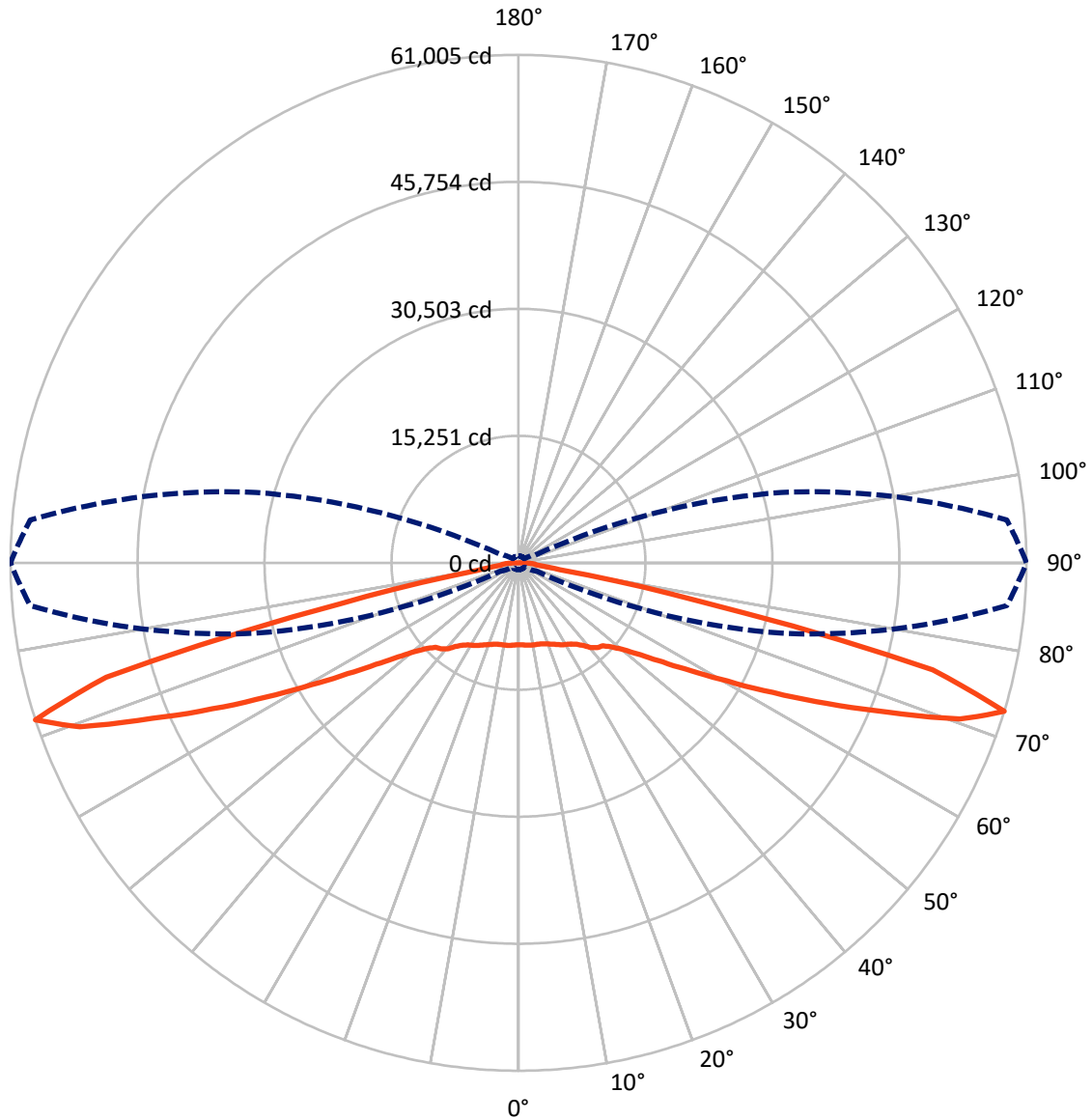
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 15.8 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	26384.5	0.0	26384.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	26384.5	0.0	26384.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	52769.0	0.0	52769.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	956.1	1.8
10°-20°	2923.3	5.5
20°-30°	4874.4	9.2
30°-40°	6703.8	12.7
40°-50°	8187.2	15.5
50°-60°	9469.4	17.9
60°-70°	11290.7	21.4
70°-80°	7880.1	14.9
80°-90°	484.0	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°	52769.0	100.0
0°-180°	52769.0	100.0

Coefficient of Utilization



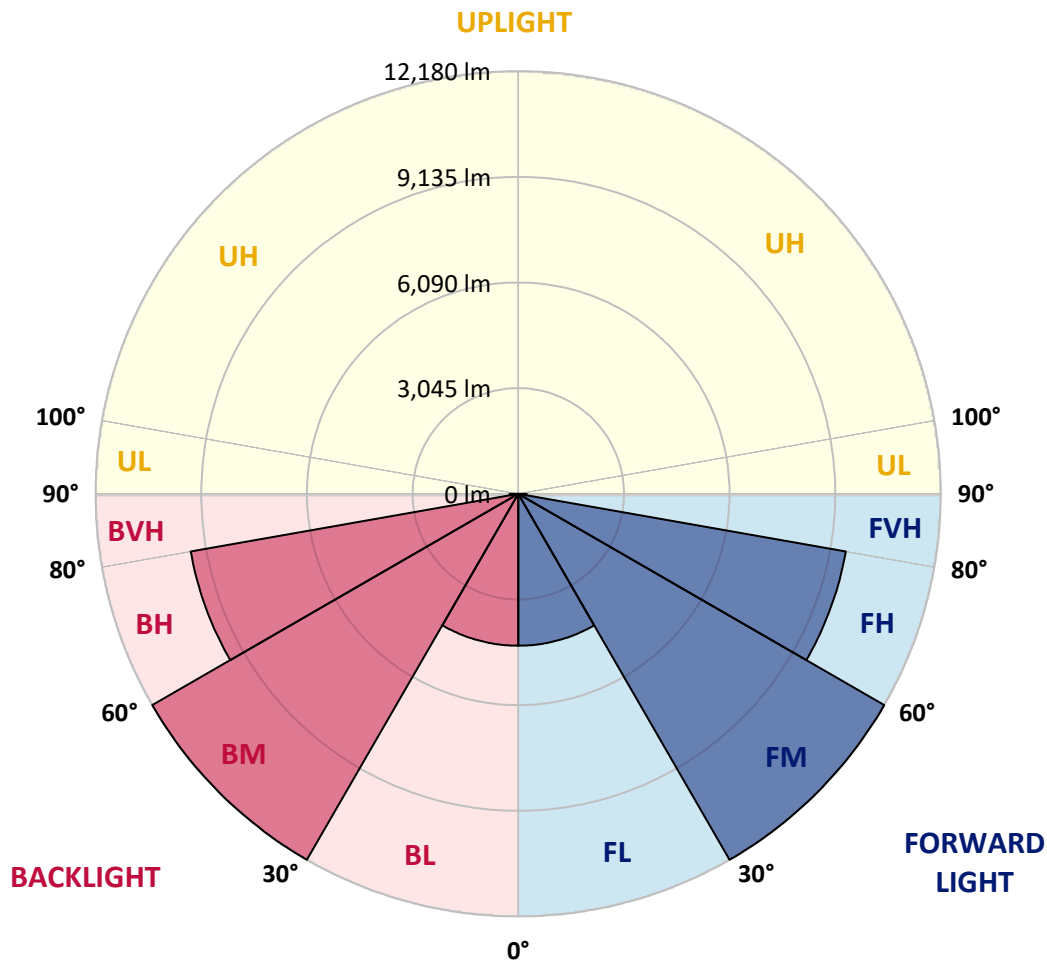
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4376.9	8.3			
FM (30°-60°)	12180.2	23.1			
FH (60°-80°)	9585.4	18.2			G4/12000
FVH (80°-90°)	242.0	0.5			G3/500
BL (0°-30°)	4376.9	8.3	B4/5000		
BM (30°-60°)	12180.2	23.1	B5		
BH (60°-80°)	9585.4	18.2	B5		G5
BVH (80°-90°)	242.0	0.5			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G5

Type I Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	9860.4	9860.4	9860.4	9860.4	9860.4	9860.4	9860.4	9860.4	9860.4	9860.4
2.5°	9868.9	9880.1	9880.1	9871.7	9891.3	9874.5	9874.5	9866.1	9874.5	9866.1
5°	9919.3	9933.4	9939.0	9936.2	9961.4	9947.4	9947.4	9936.2	9939.0	9930.6
7.5°	10014.7	10034.3	10045.5	10059.6	10096.0	10079.2	10068.0	10034.3	10020.3	9997.9
10°	10045.5	10068.0	10104.4	10177.3	10261.5	10264.3	10230.6	10146.5	10082.0	10031.5
12.5°	9950.2	9981.0	10056.8	10205.4	10393.3	10469.0	10415.7	10275.5	10149.3	10059.6
15°	9829.6	9863.2	9978.2	10202.6	10480.2	10656.9	10651.3	10466.2	10264.3	10124.1
17.5°	9641.7	9675.4	9840.8	10154.9	10547.5	10839.2	10917.7	10727.0	10443.8	10255.9
20°	9302.4	9333.2	9563.2	10003.5	10570.0	11032.7	11237.4	11069.2	10715.8	10460.6
22.5°	8862.1	8909.7	9179.0	9742.7	10516.7	11234.6	11602.0	11487.0	11032.7	10679.3
25°	8390.9	8441.4	8755.5	9423.0	10379.3	11380.5	12033.9	11961.0	11391.7	10951.4
27.5°	7984.3	8037.6	8379.7	9106.0	10166.1	11436.5	12460.2	12496.6	11826.4	11251.5
30°	7664.6	7715.0	8079.6	8850.8	9891.3	11380.5	12833.2	13085.6	12269.5	11512.3
32.5°	7314.0	7378.5	7762.7	8539.5	9566.0	11245.8	13158.5	13722.2	12782.7	11792.7
35°	6870.9	6929.8	7333.6	8113.3	9139.7	11029.9	13430.5	14428.9	13517.4	12219.0
37.5°	6332.4	6388.5	6789.6	7580.4	8716.2	10727.0	13638.0	15225.4	14392.4	12833.2
40°	5791.2	5844.5	6220.3	6985.9	8208.6	10340.0	13711.0	16005.0	15396.4	13677.3
42.5°	5294.8	5342.5	5687.4	6399.8	7639.3	9846.4	13615.6	16683.7	16296.7	14266.2
45°	4837.7	4879.7	5185.4	5850.1	7047.6	9246.3	13329.5	17412.8	17368.0	14686.9
47.5°	4316.0	4358.1	4675.0	5317.2	6455.8	8542.4	12844.4	18130.8	18857.1	15640.4
50°	3679.4	3715.9	4041.2	4703.1	5841.7	7793.6	12171.3	18694.5	20736.1	17084.7
52.5°	2925.0	2964.3	3281.2	3943.1	5112.5	6988.7	11285.1	19061.8	22906.7	19193.7
55°	2176.3	2204.3	2479.1	3073.7	4209.5	6071.6	10174.5	19165.6	25369.1	22076.6
57.5°	1578.9	1595.7	1772.4	2215.5	3191.5	4924.6	8825.6	18896.4	28299.7	25772.9
60°	1278.8	1284.4	1337.7	1534.0	2218.3	3629.0	7196.2	17970.9	31479.9	30537.7
62.5°	1161.0	1161.0	1175.1	1228.3	1500.4	2395.0	5224.7	16052.7	34890.2	36558.8
65°	1079.7	1079.7	1085.3	1110.6	1183.5	1525.6	3298.0	12928.5	37764.7	43612.0
67.5°	1006.8	1009.6	1006.8	1015.2	1057.3	1127.4	1912.6	8929.4	39312.8	50920.4
70°	931.1	936.7	922.7	922.7	956.3	959.1	1197.5	4896.6	38028.3	57045.3
72.5°	841.3	849.7	827.3	821.7	846.9	835.7	900.2	2350.1	32649.4	58873.8
75°	762.8	774.0	723.5	709.5	709.5	701.1	732.0	1205.9	21190.4	48026.2
77.5°	692.7	715.1	633.8	588.9	577.7	552.5	597.3	737.6	9268.7	22547.8
80°	572.1	603.0	521.6	468.3	448.7	420.7	471.1	516.0	2756.8	5235.9
82.5°	426.3	440.3	370.2	333.7	316.9	297.3	353.4	359.0	897.4	1853.7
85°	272.0	277.6	227.2	196.3	187.9	179.5	224.4	196.3	342.1	1363.0
87.5°	95.4	109.4	86.9	78.5	84.1	70.1	103.8	58.9	95.4	961.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

9860.4
9866.1
9930.6
9997.9
10023.1
10045.5
10101.6
10225.0
10412.9
10614.8
10861.6
11156.1
11374.8
11618.8
12025.5
12575.2
13402.5
13912.9
14210.1
15090.7
16394.8
18343.9
21013.7
24435.2
28852.2
34301.2
40757.1
47838.3
56234.8
61005.2
51369.1
22079.4
5014.4
2094.9
1979.9
1191.9
0.0

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