

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: P850794

Luminaire Tested: **GLAN-SB8C-722-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P850794
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-SB8C-722-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(8) 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: 46847 lumens
Efficiency: N/A
Efficacy: 117.2 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

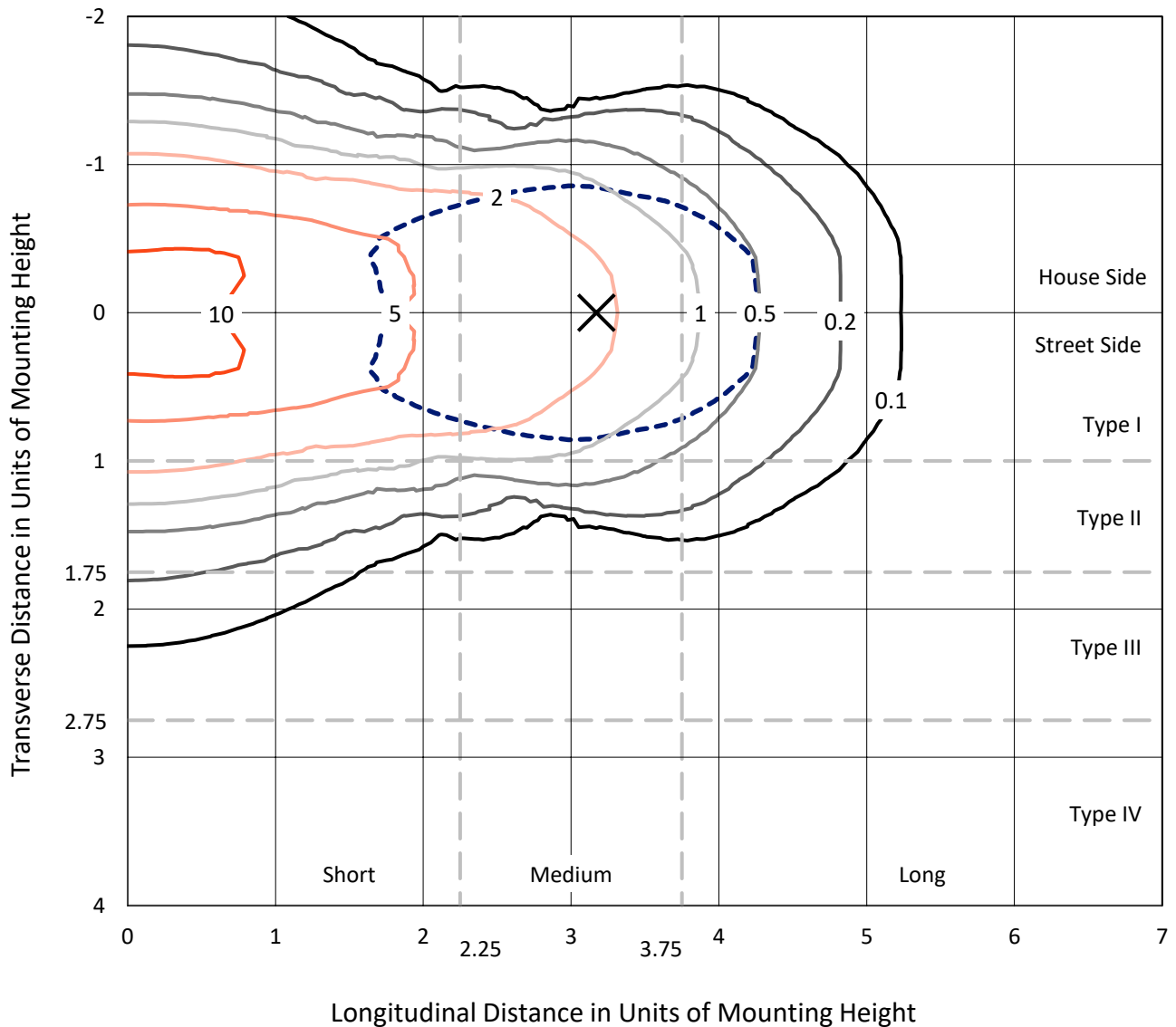
Input Watts (W): 399.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

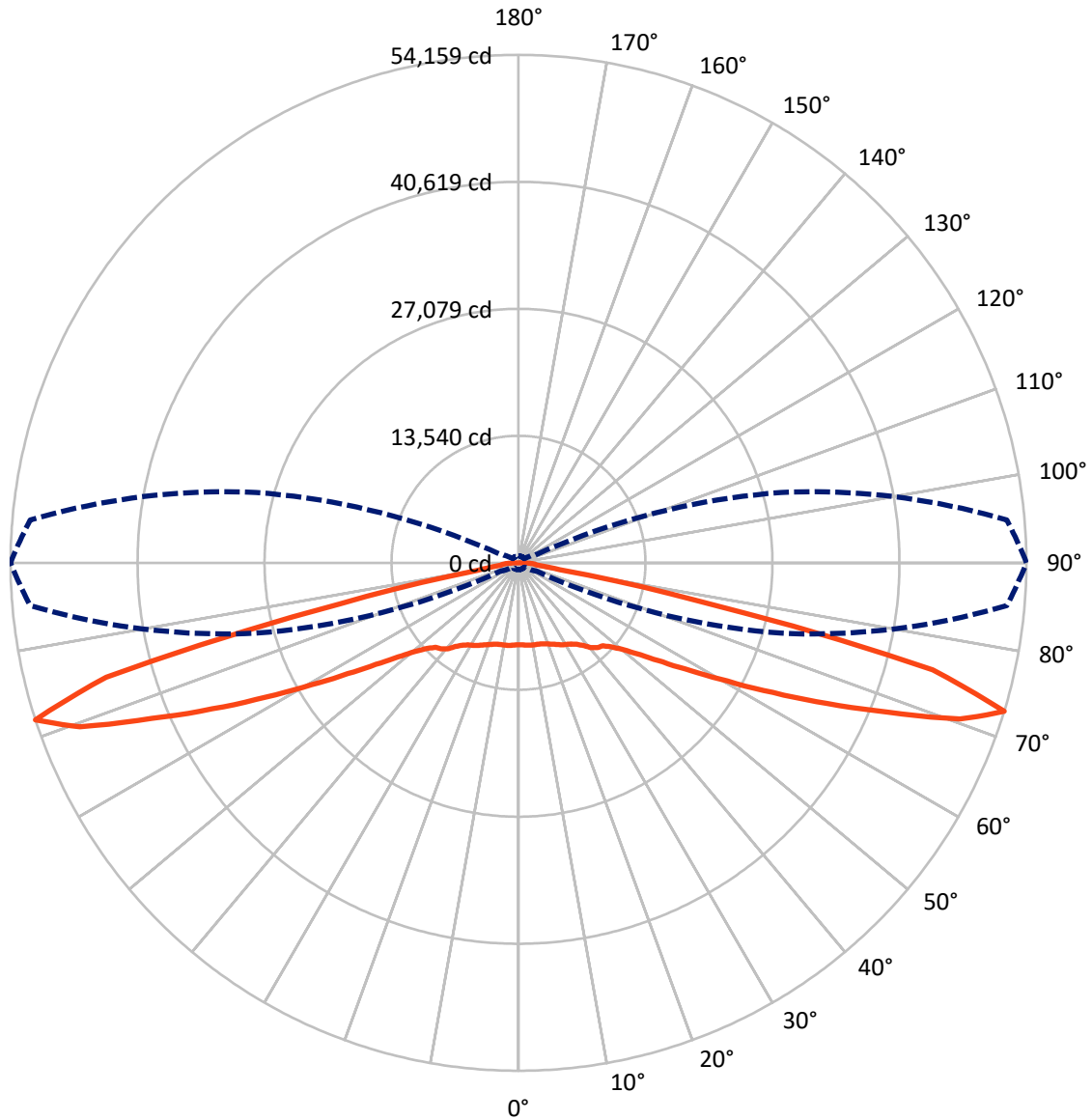
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14 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	23423.5	0.0	23423.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	23423.5	0.0	23423.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	46847.0	0.0	46847.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	848.8	1.8
10°-20°	2595.3	5.5
20°-30°	4327.4	9.2
30°-40°	5951.5	12.7
40°-50°	7268.4	15.5
50°-60°	8406.7	17.9
60°-70°	10023.6	21.4
70°-80°	6995.8	14.9
80°-90°	429.7	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°	46847.0	100.0
0°-180°	46847.0	100.0

Coefficient of Utilization

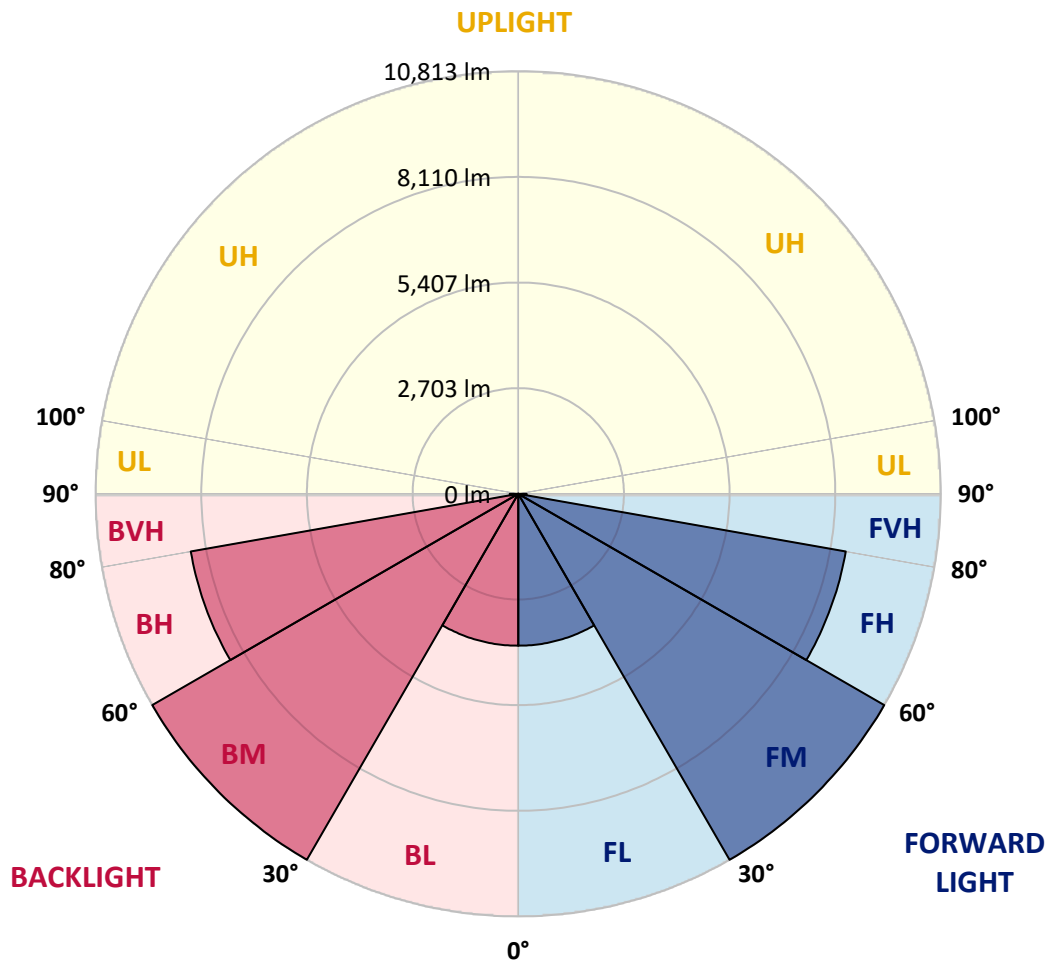


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3885.7	8.3			
FM (30°-60°)	10813.3	23.1			
FH (60°-80°)	8509.7	18.2			G4/12000
FVH (80°-90°)	214.8	0.5			G2/225
BL (0°-30°)	3885.7	8.3	B4/5000		
BM (30°-60°)	10813.3	23.1	B5		
BH (60°-80°)	8509.7	18.2	B5		G5
BVH (80°-90°)	214.8	0.5			G2/225
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°	8753.9	8753.9	8753.9	8753.9	8753.9	8753.9	8753.9	8753.9	8753.9	8753.9
2.5°	8761.3	8771.3	8771.3	8763.8	8781.2	8766.3	8766.3	8758.8	8766.3	8758.8
5°	8806.1	8818.6	8823.6	8821.1	8843.5	8831.0	8831.0	8821.1	8823.6	8816.1
7.5°	8890.8	8908.2	8918.2	8930.6	8963.0	8948.1	8938.1	8908.2	8895.8	8875.9
10°	8918.2	8938.1	8970.5	9035.2	9109.9	9112.4	9082.5	9007.8	8950.5	8905.7
12.5°	8833.5	8860.9	8928.1	9060.1	9226.9	9294.1	9246.8	9122.3	9010.3	8930.6
15°	8726.5	8756.3	8858.4	9057.6	9304.1	9460.9	9456.0	9291.6	9112.4	8987.9
17.5°	8559.7	8589.5	8736.4	9015.3	9363.8	9622.8	9692.5	9523.2	9271.7	9104.9
20°	8258.4	8285.8	8489.9	8880.8	9383.8	9794.6	9976.3	9826.9	9513.2	9286.7
22.5°	7867.5	7909.8	8148.9	8649.3	9336.5	9973.8	10300.0	10197.9	9794.6	9480.9
25°	7449.2	7494.1	7772.9	8365.5	9214.5	10103.3	10683.4	10618.7	10113.2	9722.4
27.5°	7088.2	7135.5	7439.3	8084.1	9025.2	10153.1	11061.8	11094.2	10499.2	9988.8
30°	6804.4	6849.2	7172.9	7857.6	8781.2	10103.3	11393.0	11617.0	10892.5	10220.3
32.5°	6493.2	6550.5	6891.5	7581.2	8492.4	9983.8	11681.8	12182.2	11348.1	10469.3
35°	6099.8	6152.1	6510.6	7202.8	8114.0	9792.1	11923.3	12809.6	12000.5	10847.7
37.5°	5621.8	5671.6	6027.6	6729.7	7738.1	9523.2	12107.5	13516.7	12777.2	11393.0
40°	5141.3	5188.6	5522.2	6201.9	7287.4	9179.6	12172.2	14208.8	13668.6	12142.4
42.5°	4700.6	4742.9	5049.2	5681.5	6782.0	8741.4	12087.6	14811.3	14467.8	12665.2
45°	4294.8	4332.1	4603.5	5193.6	6256.7	8208.6	11833.6	15458.7	15418.8	13038.7
47.5°	3831.7	3869.0	4150.4	4720.5	5731.3	7583.7	11402.9	16096.0	16740.9	13885.2
50°	3266.5	3298.9	3587.7	4175.3	5186.1	6918.9	10805.4	16596.5	18409.0	15167.4
52.5°	2596.8	2631.6	2913.0	3500.5	4538.8	6204.4	10018.6	16922.6	20336.0	17039.6
55°	1932.0	1956.9	2200.9	2728.7	3737.1	5390.2	9032.7	17014.7	22522.0	19599.1
57.5°	1401.7	1416.7	1573.5	1966.9	2833.3	4371.9	7835.1	16775.7	25123.8	22880.5
60°	1135.3	1140.3	1187.6	1361.9	1969.4	3221.7	6388.6	15954.1	27947.1	27110.6
62.5°	1030.7	1030.7	1043.2	1090.5	1332.0	2126.2	4638.3	14251.2	30974.6	32456.0
65°	958.5	958.5	963.5	985.9	1050.7	1354.4	2927.9	11477.6	33526.6	38717.6
67.5°	893.8	896.3	893.8	901.3	938.6	1000.9	1698.0	7927.3	34900.9	45205.9
70°	826.6	831.6	819.1	819.1	849.0	851.5	1063.1	4347.1	33760.6	50643.4
72.5°	746.9	754.4	734.5	729.5	751.9	741.9	799.2	2086.4	28985.3	52266.7
75°	677.2	687.2	642.3	629.9	629.9	622.4	649.8	1070.6	18812.3	42636.5
77.5°	615.0	634.9	562.7	522.8	512.9	490.5	530.3	654.8	8228.5	20017.4
80°	507.9	535.3	463.1	415.8	398.4	373.5	418.3	458.1	2447.4	4648.3
82.5°	378.4	390.9	328.6	296.3	281.3	263.9	313.7	318.7	796.7	1645.7
85°	241.5	246.5	201.7	174.3	166.8	159.3	199.2	174.3	303.7	1210.0
87.5°	84.7	97.1	77.2	69.7	74.7	62.2	92.1	52.3	84.7	854.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

8753.9
8758.8
8816.1
8875.9
8898.3
8918.2
8968.0
9077.5
9244.3
9423.6
9642.7
9904.1
10098.3
10314.9
10675.9
11163.9
11898.4
12351.5
12615.4
13397.2
14554.9
16285.3
18655.5
21692.9
25614.2
30451.8
36183.1
42469.6
49923.9
54158.9
45604.2
19601.6
4451.6
1859.8
1757.7
1058.1
0.0

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