

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: P850114

Luminaire Tested: **GLAN-SB7C-722-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P850114
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-SB7C-722-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(7) 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: 41201 lumens
Efficiency: N/A
Efficacy: 117.5 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

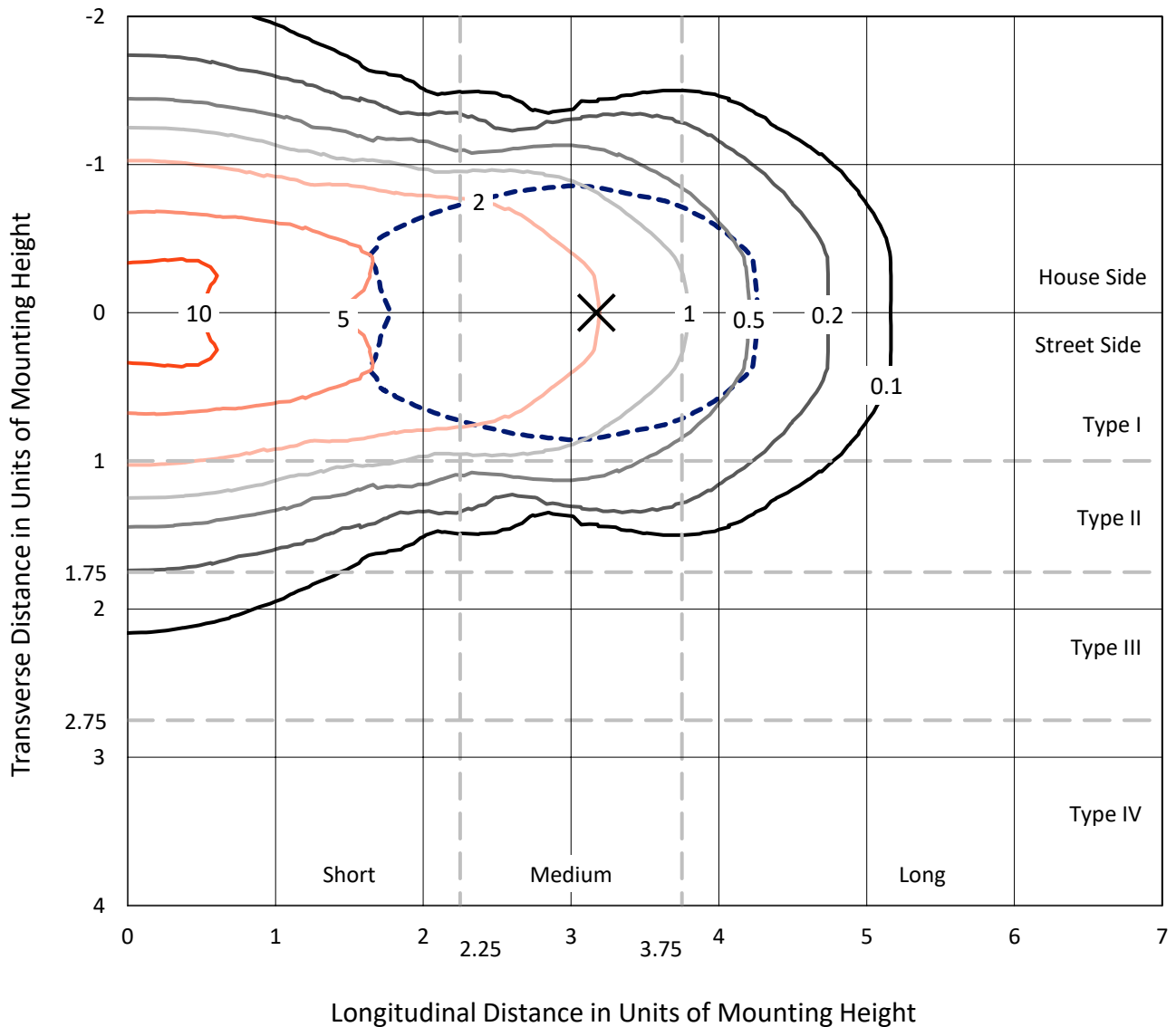
Input Watts (W): 350.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

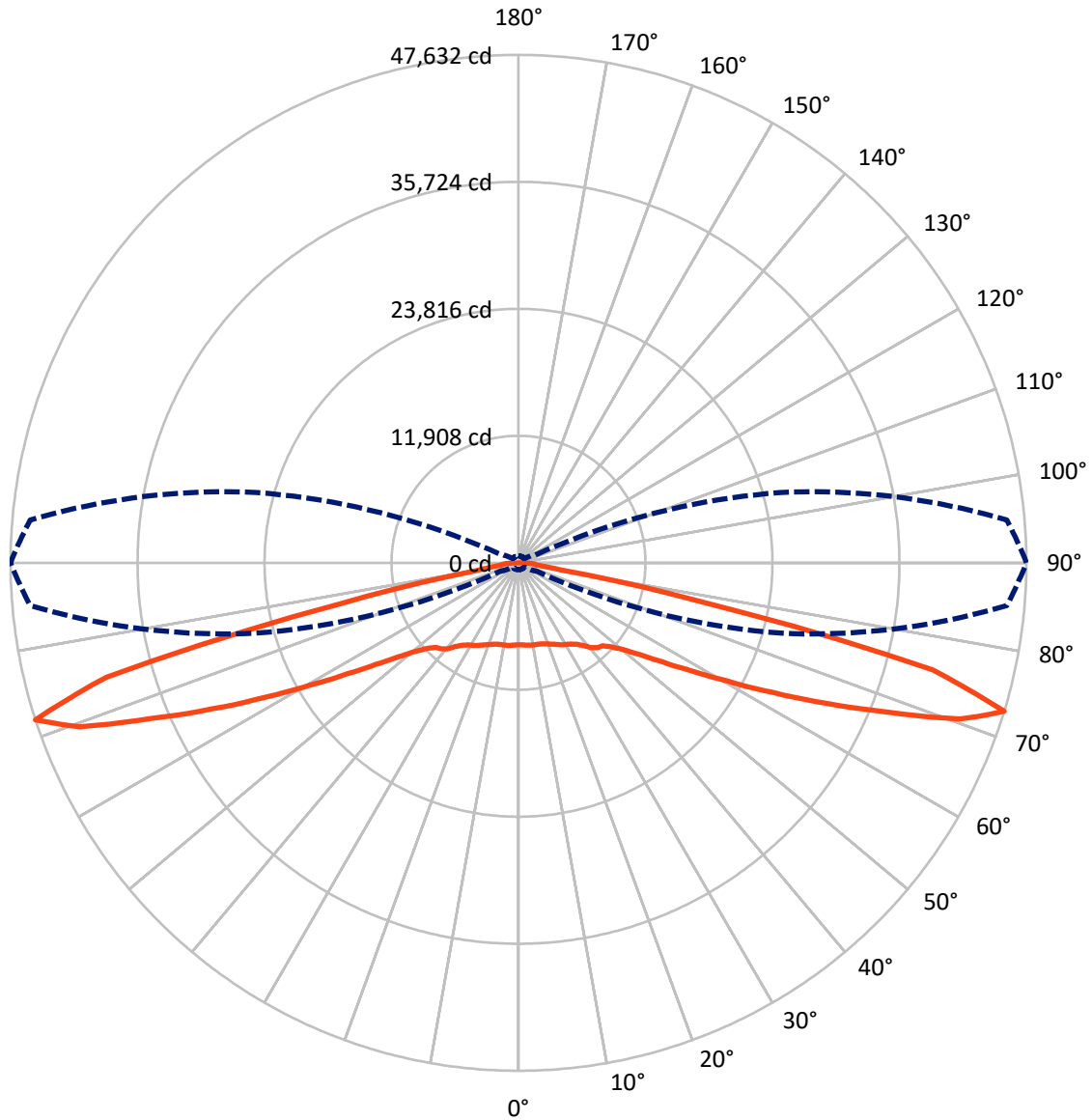
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.3 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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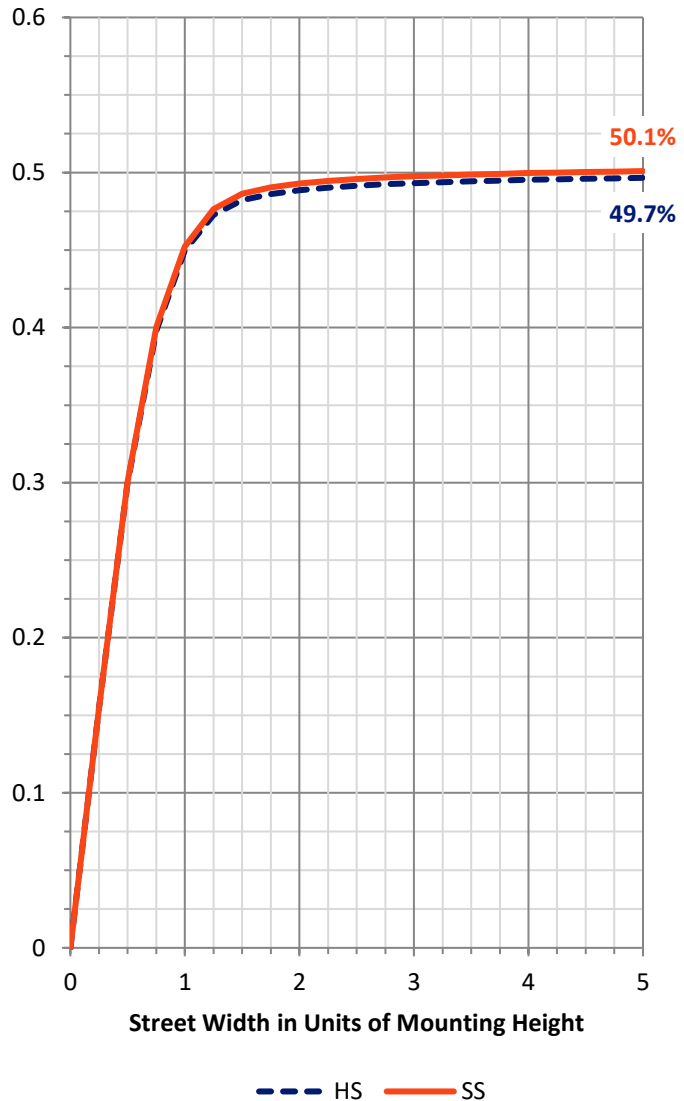
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	20600.5	0.0	20600.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	20600.5	0.0	20600.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	41201.0	0.0	41201.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	746.5	1.8
10°-20°	2282.5	5.5
20°-30°	3805.8	9.2
30°-40°	5234.2	12.7
40°-50°	6392.4	15.5
50°-60°	7393.5	17.9
60°-70°	8815.5	21.4
70°-80°	6152.7	14.9
80°-90°	377.9	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°	41201.0	100.0
0°-180°	41201.0	100.0

Coefficient of Utilization

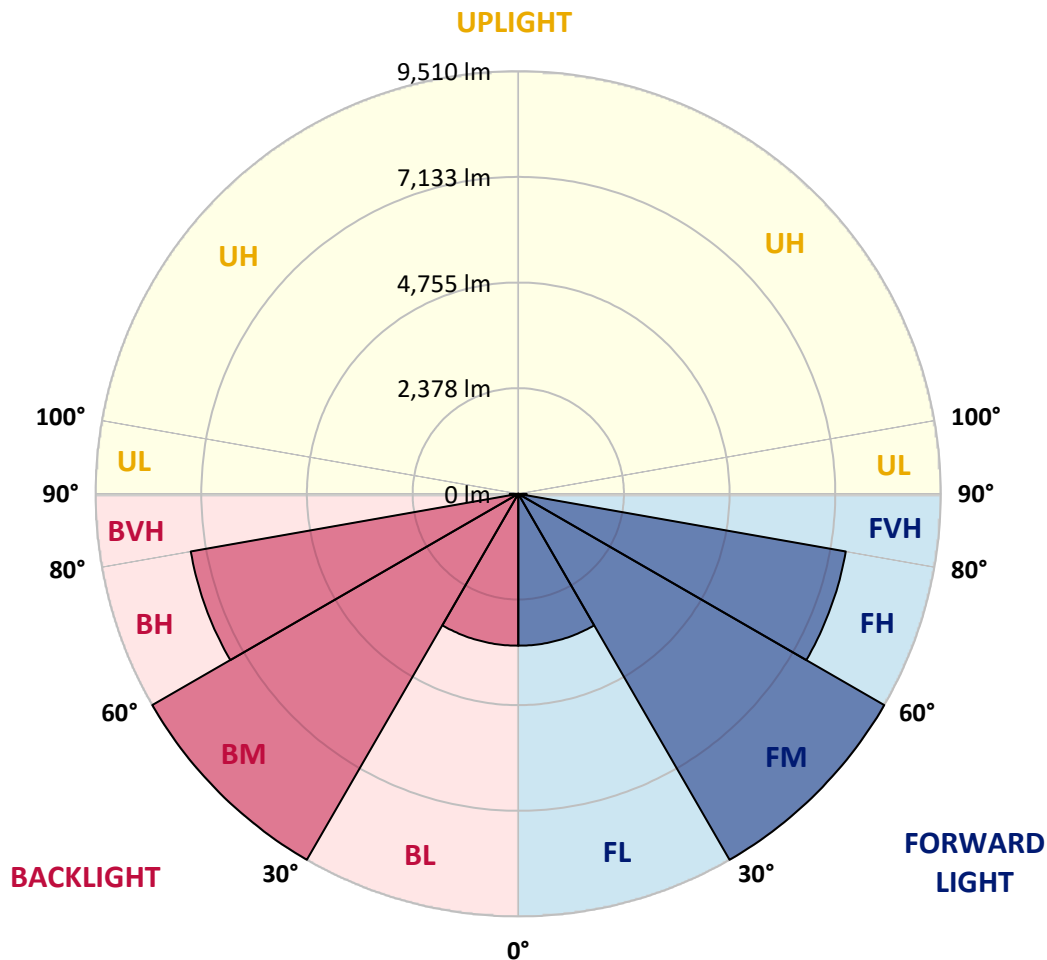


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3417.4	8.3			
FM (30°-60°)	9510.1	23.1			
FH (60°-80°)	7484.1	18.2			G3/7500
FVH (80°-90°)	189.0	0.5			G2/225
BL (0°-30°)	3417.4	8.3	B4/5000		
BM (30°-60°)	9510.1	23.1	B5		
BH (60°-80°)	7484.1	18.2	B5		G5
BVH (80°-90°)	189.0	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°	7698.8	7698.8	7698.8	7698.8	7698.8	7698.8	7698.8	7698.8	7698.8	7698.8
2.5°	7705.4	7714.2	7714.2	7707.6	7722.9	7709.8	7709.8	7703.2	7709.8	7703.2
5°	7744.8	7755.8	7760.2	7758.0	7777.7	7766.7	7766.7	7758.0	7760.2	7753.6
7.5°	7819.3	7834.6	7843.4	7854.3	7882.8	7869.6	7860.9	7834.6	7823.7	7806.1
10°	7843.4	7860.9	7889.3	7946.3	8012.0	8014.2	7987.9	7922.2	7871.8	7832.4
12.5°	7768.9	7793.0	7852.1	7968.2	8114.9	8174.0	8132.4	8022.9	7924.4	7854.3
15°	7674.8	7701.0	7790.8	7966.0	8182.8	8320.7	8316.3	8171.8	8014.2	7904.7
17.5°	7528.0	7554.3	7683.5	7928.8	8235.3	8463.0	8524.3	8375.4	8154.3	8007.6
20°	7263.1	7287.2	7466.7	7810.5	8252.8	8614.1	8774.0	8642.6	8366.7	8167.4
22.5°	6919.3	6956.5	7166.8	7606.9	8211.2	8771.8	9058.6	8968.8	8614.1	8338.2
25°	6551.5	6590.9	6836.1	7357.3	8103.9	8885.6	9395.8	9338.9	8894.4	8550.6
27.5°	6234.0	6275.6	6542.7	7109.8	7937.5	8929.4	9728.7	9757.1	9233.8	8784.9
30°	5984.3	6023.8	6308.4	6910.6	7722.9	8885.6	10019.9	10216.9	9579.8	8988.6
32.5°	5710.6	5761.0	6061.0	6667.5	7468.9	8780.5	10273.9	10714.0	9980.5	9207.5
35°	5364.7	5410.6	5726.0	6334.7	7136.1	8611.9	10486.3	11265.8	10554.2	9540.3
37.5°	4944.3	4988.0	5301.2	5918.6	6805.5	8375.4	10648.3	11887.7	11237.3	10019.9
40°	4521.6	4563.2	4856.7	5454.4	6409.1	8073.3	10705.2	12496.4	12021.2	10679.0
42.5°	4134.1	4171.3	4440.6	4996.8	5964.6	7687.9	10630.8	13026.3	12724.1	11138.8
45°	3777.2	3810.0	4048.7	4567.6	5502.6	7219.3	10407.5	13595.6	13560.6	11467.2
47.5°	3369.9	3402.7	3650.2	4151.6	5040.6	6669.7	10028.6	14156.1	14723.3	12211.7
50°	2872.8	2901.3	3155.3	3672.1	4561.1	6085.1	9503.1	14596.3	16190.3	13339.4
52.5°	2283.8	2314.5	2561.9	3078.7	3991.7	5456.6	8811.2	14883.1	17885.1	14986.0
55°	1699.2	1721.1	1935.7	2399.9	3286.7	4740.6	7944.1	14964.1	19807.7	17237.0
57.5°	1232.8	1245.9	1383.9	1729.8	2491.8	3845.0	6890.9	14753.9	22095.9	20123.0
60°	998.5	1002.9	1044.5	1197.7	1732.0	2833.4	5618.7	14031.3	24578.9	23843.2
62.5°	906.5	906.5	917.5	959.1	1171.5	1870.0	4079.3	12533.6	27241.6	28544.4
65°	843.0	843.0	847.4	867.1	924.0	1191.2	2575.0	10094.3	29486.0	34051.4
67.5°	786.1	788.3	786.1	792.7	825.5	880.2	1493.3	6971.9	30694.6	39757.6
70°	727.0	731.3	720.4	720.4	746.7	748.9	935.0	3823.1	29691.8	44539.9
72.5°	656.9	663.5	645.9	641.6	661.3	652.5	702.9	1834.9	25492.0	45967.5
75°	595.6	604.3	564.9	554.0	554.0	547.4	571.5	941.6	16545.1	37497.9
77.5°	540.8	558.4	494.9	459.8	451.1	431.4	466.4	575.9	7236.8	17604.9
80°	446.7	470.8	407.3	365.7	350.3	328.4	367.9	402.9	2152.4	4088.1
82.5°	332.8	343.8	289.0	260.6	247.4	232.1	275.9	280.3	700.7	1447.4
85°	212.4	216.8	177.4	153.3	146.7	140.1	175.2	153.3	267.1	1064.2
87.5°	74.4	85.4	67.9	61.3	65.7	54.7	81.0	46.0	74.4	751.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

7698.8
7703.2
7753.6
7806.1
7825.8
7843.4
7887.2
7983.5
8130.2
8287.9
8480.6
8710.5
8881.3
9071.8
9389.3
9818.4
10464.4
10862.9
11095.0
11782.6
12800.7
14322.6
16407.1
19078.5
22527.2
26781.7
31822.3
37351.2
43907.0
47631.7
40108.0
17239.2
3915.1
1635.7
1545.9
930.6
0.0

OF REPORT)