

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: P851254

Luminaire Tested: **GLAN-SB9A-927-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P851254
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-SB9A-927-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(9) 90 CRI, 2700K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26029 lumens
Efficiency: N/A
Efficacy: 101.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type I - Short
BUG Rating: B4 - U0 - G4

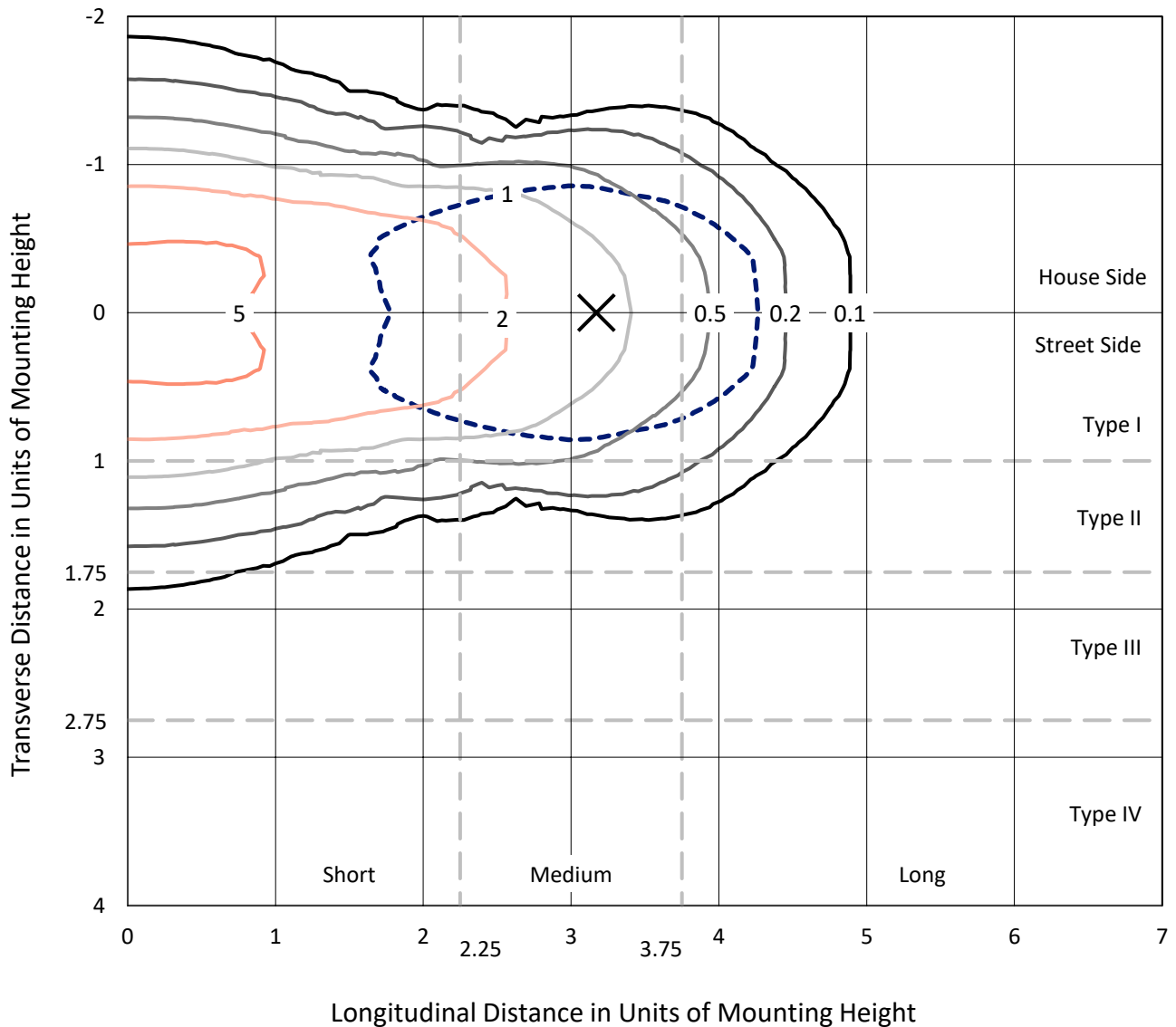
Input Watts (W): 255.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

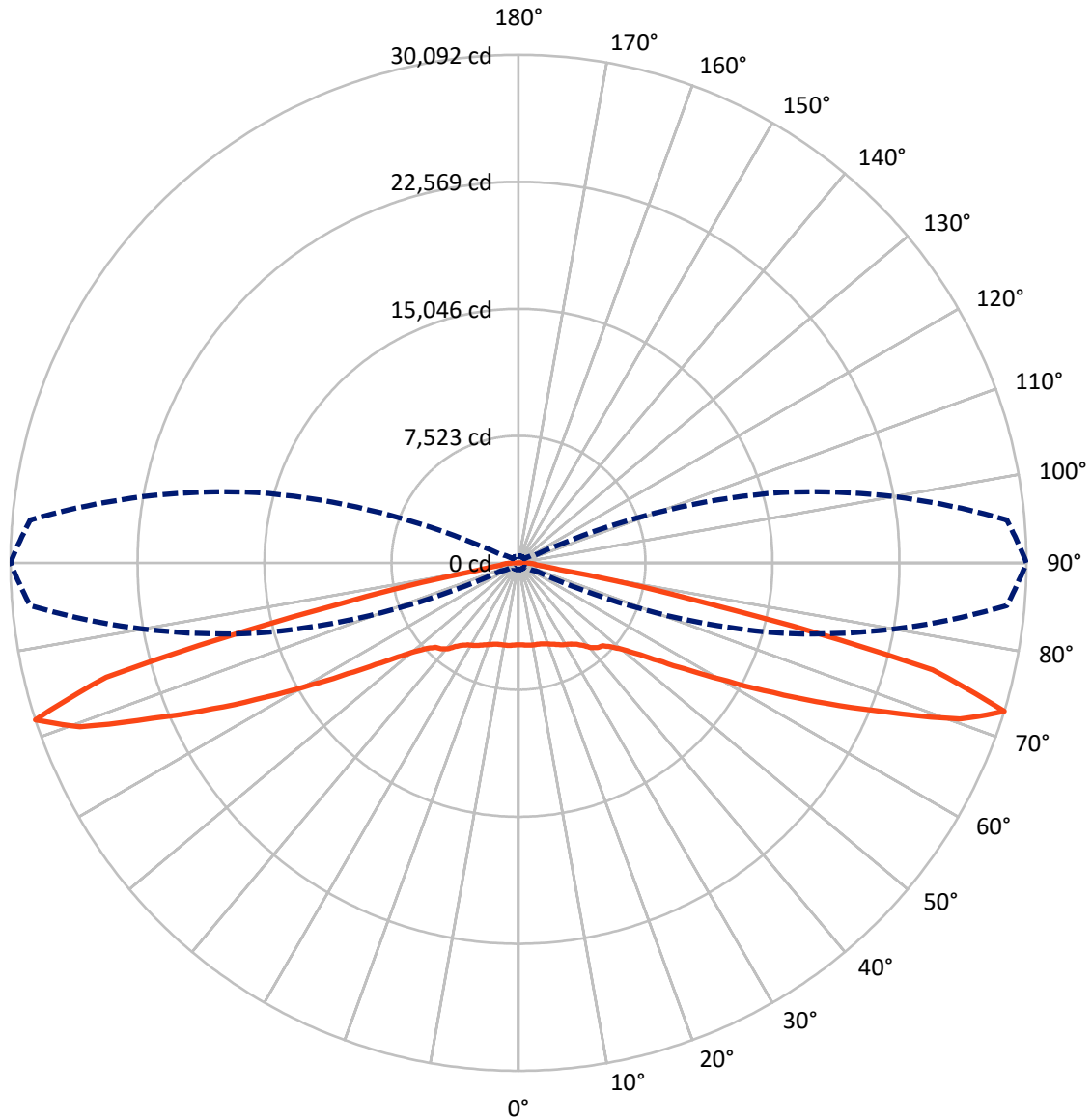
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.8 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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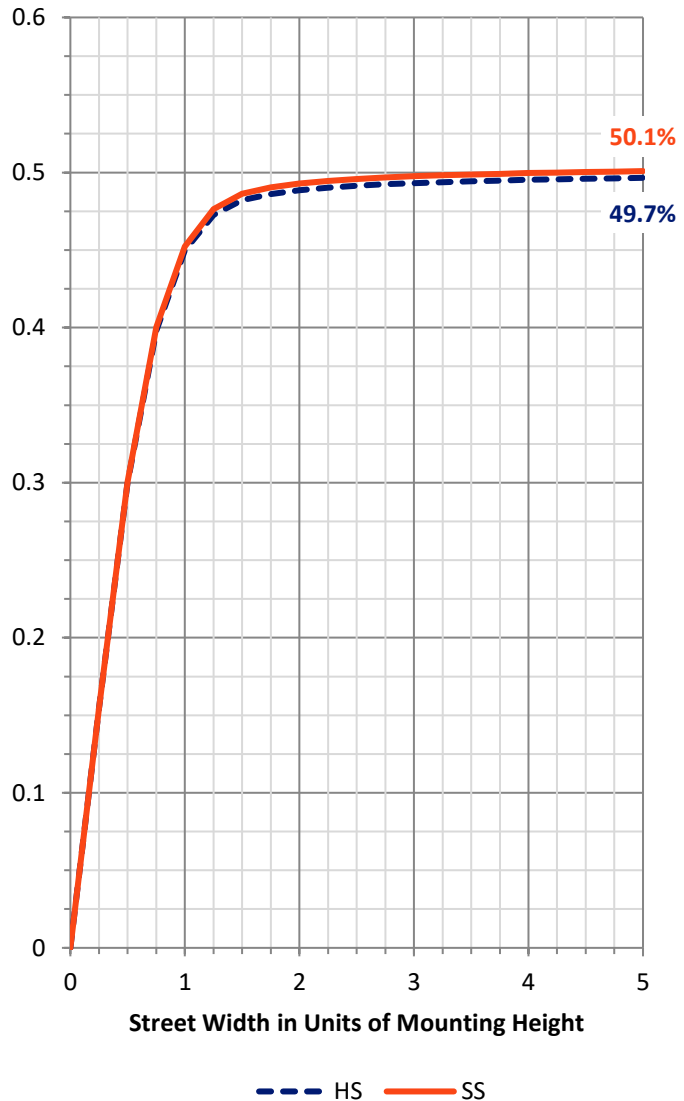
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	13014.5	0.0	13014.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	13014.5	0.0	13014.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	26029.0	0.0	26029.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	471.6	1.8
10°-20°	1442.0	5.5
20°-30°	2404.4	9.2
30°-40°	3306.7	12.7
40°-50°	4038.4	15.5
50°-60°	4670.9	17.9
60°-70°	5569.3	21.4
70°-80°	3887.0	14.9
80°-90°	238.7	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°	26029.0	100.0
0°-180°	26029.0	100.0

Coefficient of Utilization

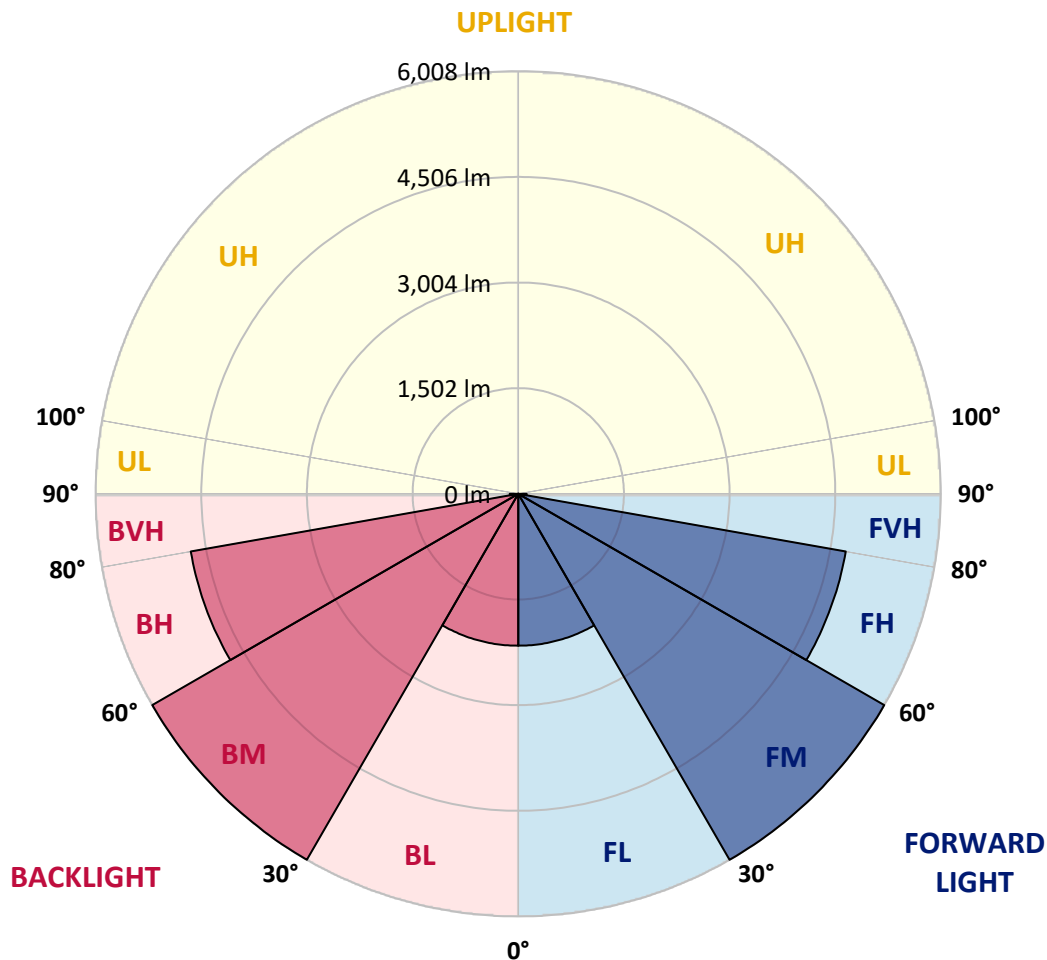


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2159.0	8.3			
FM (30°-60°)	6008.0	23.1			
FH (60°-80°)	4728.1	18.2			G2/5000
FVH (80°-90°)	119.4	0.5			G2/225
BL (0°-30°)	2159.0	8.3	B3/2500		
BM (30°-60°)	6008.0	23.1	B4/8500		
BH (60°-80°)	4728.1	18.2	B4/5000		G4/5000
BVH (80°-90°)	119.4	0.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G4
 Type I Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4863.8	4863.8	4863.8	4863.8	4863.8	4863.8	4863.8	4863.8	4863.8	4863.8
2.5°	4867.9	4873.5	4873.5	4869.3	4879.0	4870.7	4870.7	4866.6	4870.7	4866.6
5°	4892.8	4899.8	4902.5	4901.1	4913.6	4906.7	4906.7	4901.1	4902.5	4898.4
7.5°	4939.9	4949.6	4955.1	4962.0	4980.0	4971.7	4966.2	4949.6	4942.6	4931.6
10°	4955.1	4966.2	4984.1	5020.1	5061.6	5063.0	5046.4	5004.9	4973.1	4948.2
12.5°	4908.1	4923.3	4960.6	5033.9	5126.6	5164.0	5137.7	5068.5	5006.3	4962.0
15°	4848.6	4865.2	4921.9	5032.6	5169.5	5256.7	5253.9	5162.6	5063.0	4993.8
17.5°	4755.9	4772.5	4854.1	5009.0	5202.7	5346.6	5385.3	5291.2	5151.5	5058.8
20°	4588.5	4603.7	4717.2	4934.3	5213.8	5442.0	5543.0	5460.0	5285.7	5159.8
22.5°	4371.3	4394.8	4527.6	4805.7	5187.5	5541.6	5722.8	5666.1	5442.0	5267.7
25°	4138.9	4163.8	4318.8	4648.0	5119.7	5613.6	5935.9	5899.9	5619.1	5401.9
27.5°	3938.3	3964.6	4133.4	4491.7	5014.6	5641.2	6146.1	6164.1	5833.5	5549.9
30°	3780.6	3805.5	3985.4	4365.8	4879.0	5613.6	6330.1	6454.6	6052.1	5678.6
32.5°	3607.7	3639.5	3829.1	4212.2	4718.5	5547.2	6490.6	6768.6	6305.2	5816.9
35°	3389.2	3418.2	3617.4	4002.0	4508.3	5440.6	6624.8	7117.2	6667.7	6027.2
37.5°	3123.6	3151.2	3349.0	3739.1	4299.4	5291.2	6727.1	7510.1	7099.3	6330.1
40°	2856.6	2882.9	3068.2	3445.9	4049.0	5100.3	6763.1	7894.7	7594.5	6746.5
42.5°	2611.7	2635.2	2805.4	3156.8	3768.2	4856.9	6716.1	8229.4	8038.5	7037.0
45°	2386.2	2407.0	2557.8	2885.6	3476.3	4560.8	6575.0	8589.1	8567.0	7244.5
47.5°	2128.9	2149.7	2306.0	2622.8	3184.4	4213.6	6335.7	8943.2	9301.5	7714.8
50°	1814.9	1832.9	1993.4	2319.8	2881.5	3844.3	6003.7	9221.3	10228.4	8427.3
52.5°	1442.8	1462.2	1618.5	1945.0	2521.8	3447.3	5566.5	9402.5	11299.1	9467.5
55°	1073.5	1087.3	1222.9	1516.1	2076.4	2994.9	5018.7	9453.7	12513.6	10889.6
57.5°	778.8	787.1	874.3	1092.8	1574.2	2429.1	4353.3	9320.9	13959.2	12712.8
60°	630.8	633.6	659.8	756.7	1094.2	1790.0	3549.6	8864.4	15527.9	15063.1
62.5°	572.7	572.7	579.6	605.9	740.1	1181.4	2577.1	7918.2	17210.0	18033.1
65°	532.6	532.6	535.3	547.8	583.8	752.5	1626.8	6377.2	18627.9	21512.2
67.5°	496.6	498.0	496.6	500.8	521.5	556.1	943.4	4404.5	19391.5	25117.1
70°	459.3	462.0	455.1	455.1	471.7	473.1	590.7	2415.3	18758.0	28138.3
72.5°	415.0	419.1	408.1	405.3	417.8	412.2	444.0	1159.2	16104.7	29040.3
75°	376.3	381.8	356.9	350.0	350.0	345.8	361.0	594.8	10452.5	23689.6
77.5°	341.7	352.7	312.6	290.5	285.0	272.5	294.6	363.8	4571.9	11122.0
80°	282.2	297.4	257.3	231.0	221.3	207.5	232.4	254.5	1359.8	2582.7
82.5°	210.3	217.2	182.6	164.6	156.3	146.6	174.3	177.1	442.7	914.4
85°	134.2	136.9	112.0	96.8	92.7	88.5	110.7	96.8	168.8	672.3
87.5°	47.0	53.9	42.9	38.7	41.5	34.6	51.2	29.0	47.0	474.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

4863.8
4866.6
4898.4
4931.6
4944.0
4955.1
4982.8
5043.6
5136.3
5235.9
5357.6
5502.9
5610.8
5731.1
5931.7
6202.9
6610.9
6862.7
7009.3
7443.7
8087.0
9048.4
10365.3
12053.0
14231.7
16919.5
20104.0
23596.9
27738.6
30091.6
25338.5
10891.0
2473.4
1033.3
976.6
587.9
0.0

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