

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: P851134

Luminaire Tested: **GLAN-SB9A-722-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P851134
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-722-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(9) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 31607 lumens
Efficiency: N/A
Efficacy: 123.7 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

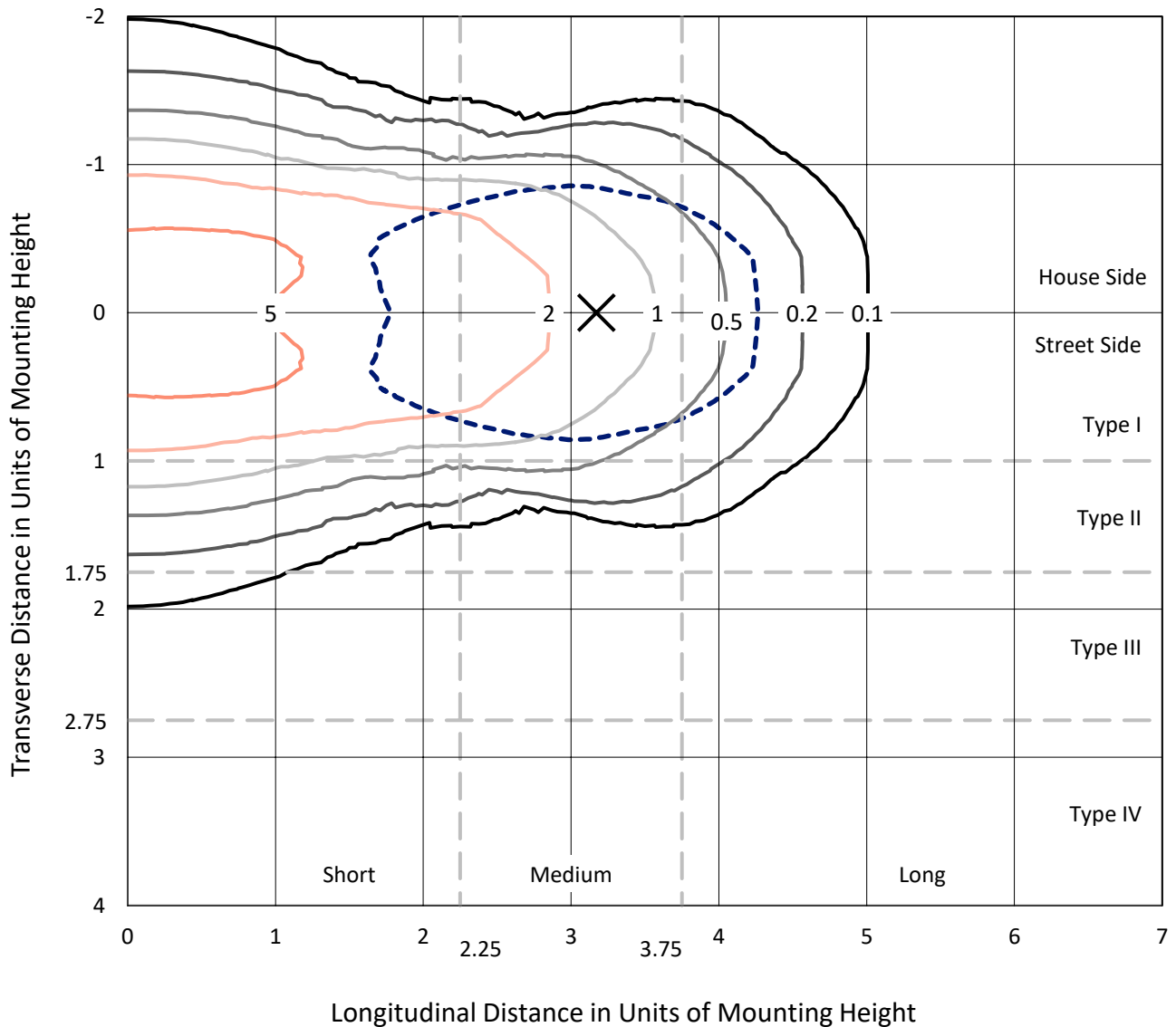
Input Watts (W): 255.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

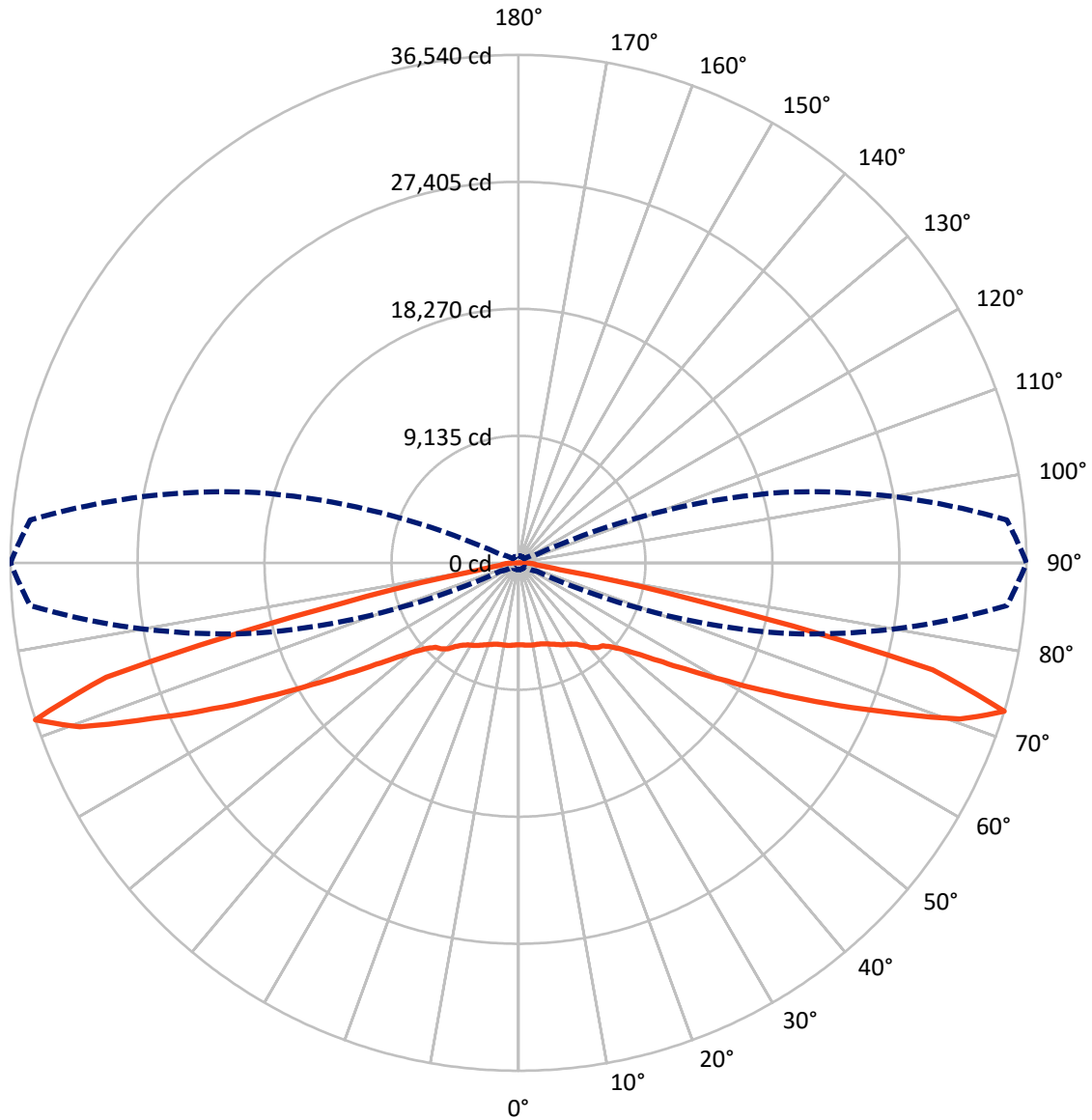
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.4 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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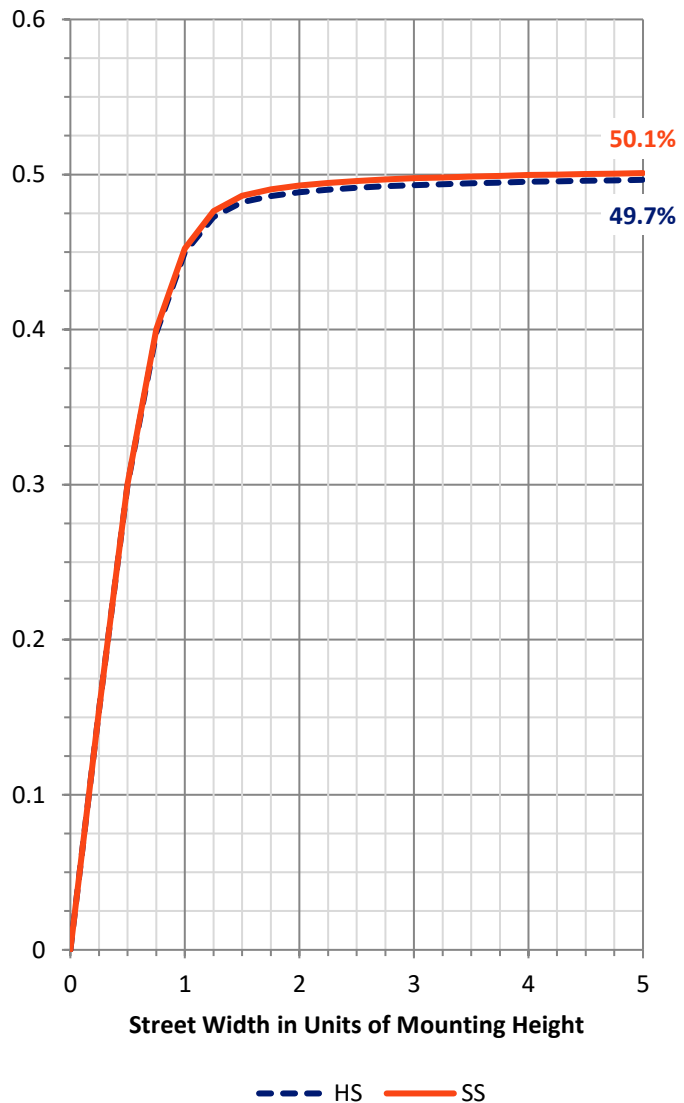
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	15803.5	0.0	15803.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	15803.5	0.0	15803.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	31607.0	0.0	31607.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	572.7	1.8
10°-20°	1751.0	5.5
20°-30°	2919.6	9.2
30°-40°	4015.4	12.7
40°-50°	4903.9	15.5
50°-60°	5671.8	17.9
60°-70°	6762.7	21.4
70°-80°	4720.0	14.9
80°-90°	289.9	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°	31607.0	100.0
0°-180°	31607.0	100.0

Coefficient of Utilization

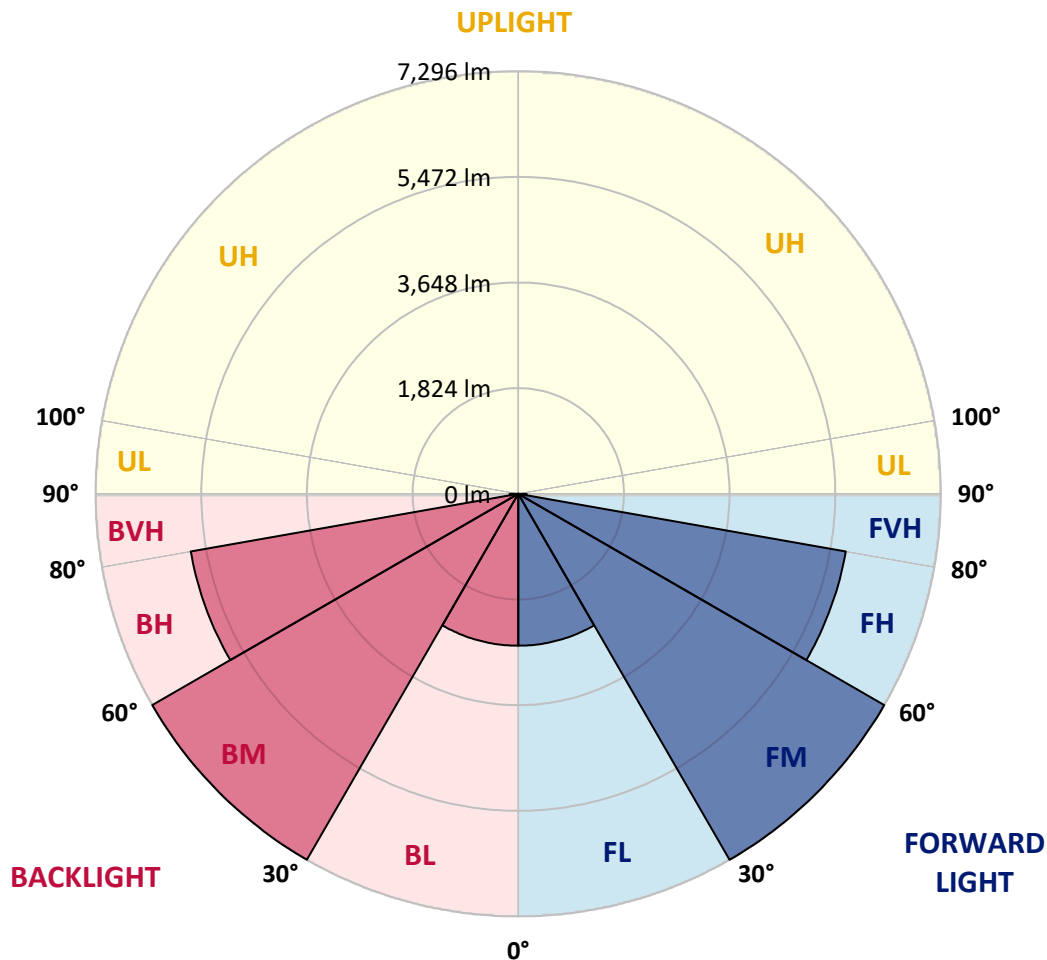


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2621.6	8.3			
FM (30°-60°)	7295.6	23.1			
FH (60°-80°)	5741.4	18.2			G3/7500
FVH (80°-90°)	145.0	0.5			G2/225
BL (0°-30°)	2621.6	8.3	B4/5000		
BM (30°-60°)	7295.6	23.1	B4/8500		
BH (60°-80°)	5741.4	18.2	B5		G5
BVH (80°-90°)	145.0	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°	5906.1	5906.1	5906.1	5906.1	5906.1	5906.1	5906.1	5906.1	5906.1	5906.1
2.5°	5911.1	5917.9	5917.9	5912.8	5924.6	5914.5	5914.5	5909.5	5914.5	5909.5
5°	5941.4	5949.8	5953.1	5951.5	5966.6	5958.2	5958.2	5951.5	5953.1	5948.1
7.5°	5998.5	6010.2	6017.0	6025.4	6047.2	6037.1	6030.4	6010.2	6001.8	5988.4
10°	6017.0	6030.4	6052.2	6095.9	6146.3	6148.0	6127.8	6077.4	6038.8	6008.6
12.5°	5959.9	5978.3	6023.7	6112.7	6225.3	6270.6	6238.7	6154.7	6079.1	6025.4
15°	5887.6	5907.8	5976.7	6111.0	6277.3	6383.2	6379.8	6268.9	6148.0	6064.0
17.5°	5775.1	5795.2	5894.3	6082.5	6317.6	6492.3	6539.4	6425.2	6255.5	6143.0
20°	5571.8	5590.3	5728.0	5991.8	6331.1	6608.2	6730.9	6630.1	6418.4	6265.6
22.5°	5308.1	5336.7	5497.9	5835.6	6299.2	6729.2	6949.2	6880.4	6608.2	6396.6
25°	5025.9	5056.1	5244.3	5644.1	6216.9	6816.5	7207.9	7164.3	6823.3	6559.5
27.5°	4782.3	4814.2	5019.2	5454.2	6089.2	6850.1	7463.3	7485.1	7083.6	6739.3
30°	4590.8	4621.1	4839.4	5301.4	5924.6	6816.5	7686.7	7837.8	7349.0	6895.5
32.5°	4380.9	4419.5	4649.6	5114.9	5729.7	6735.9	7881.5	8219.2	7656.4	7063.5
35°	4115.5	4150.7	4392.6	4859.6	5474.4	6606.6	8044.5	8642.5	8096.5	7318.8
37.5°	3792.9	3826.5	4066.7	4540.4	5220.8	6425.2	8168.8	9119.5	8620.6	7686.7
40°	3468.7	3500.7	3725.7	4184.3	4916.7	6193.3	8212.4	9586.5	9222.0	8192.3
42.5°	3171.4	3200.0	3406.6	3833.3	4575.7	5897.7	8155.3	9993.0	9761.2	8545.0
45°	2897.6	2922.8	3105.9	3504.0	4221.3	5538.2	7984.0	10429.7	10402.9	8797.0
47.5°	2585.2	2610.4	2800.2	3184.9	3866.9	5116.6	7693.4	10859.8	11294.8	9368.1
50°	2203.9	2225.7	2420.6	2817.0	3499.0	4668.1	7290.2	11197.4	12420.3	10233.2
52.5°	1752.0	1775.5	1965.3	2361.8	3062.2	4186.0	6759.4	11417.5	13720.4	11496.4
55°	1303.5	1320.3	1484.9	1841.0	2521.3	3636.7	6094.2	11479.6	15195.3	13223.2
57.5°	945.7	955.8	1061.6	1327.0	1911.6	2949.7	5286.3	11318.3	16950.6	15437.2
60°	766.0	769.3	801.3	918.8	1328.7	2173.6	4310.3	10764.0	18855.5	18291.1
62.5°	695.4	695.4	703.8	735.7	898.7	1434.5	3129.4	9615.1	20898.1	21897.6
65°	646.7	646.7	650.1	665.2	708.9	913.8	1975.4	7743.8	22619.9	26122.2
67.5°	603.0	604.7	603.0	608.1	633.3	675.3	1145.6	5348.4	23547.1	30499.7
70°	557.7	561.0	552.6	552.6	572.8	574.5	717.3	2932.9	22777.8	34168.4
72.5°	503.9	509.0	495.5	492.2	507.3	500.6	539.2	1407.7	19556.0	35263.6
75°	456.9	463.6	433.4	425.0	425.0	419.9	438.4	722.3	12692.4	28766.2
77.5°	414.9	428.3	379.6	352.8	346.0	330.9	357.8	441.8	5551.7	13505.4
80°	342.7	361.2	312.4	280.5	268.8	252.0	282.2	309.1	1651.2	3136.1
82.5°	255.3	263.7	221.7	199.9	189.8	178.1	211.7	215.0	537.5	1110.3
85°	162.9	166.3	136.1	117.6	112.5	107.5	134.4	117.6	204.9	816.4
87.5°	57.1	65.5	52.1	47.0	50.4	42.0	62.2	35.3	57.1	576.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

5906.1
5909.5
5948.1
5988.4
6003.5
6017.0
6050.6
6124.5
6237.0
6358.0
6505.8
6682.2
6813.2
6959.3
7202.9
7532.1
8027.7
8333.4
8511.4
9038.9
9820.0
10987.4
12586.6
14635.9
17281.6
20545.4
24412.2
28653.7
33682.9
36540.2
30768.5
13224.9
3003.4
1254.8
1185.9
713.9
0.0

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