

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: P849394

Luminaire Tested: **GLAN-SB6B-930-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P849394
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-SB6B-930-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 90 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22790 lumens
Efficiency: N/A
Efficacy: 103.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B4 - U0 - G4

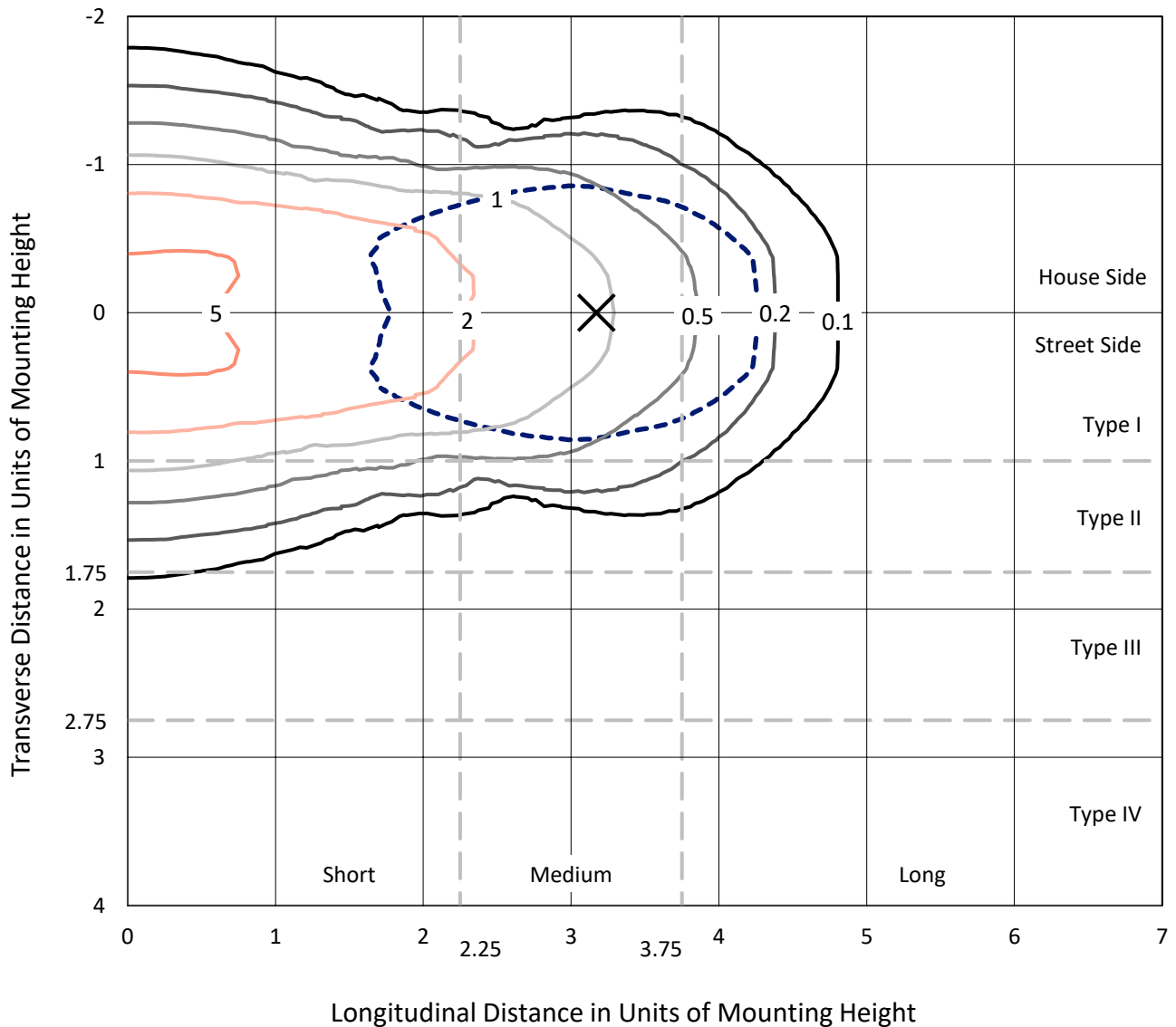
Input Watts (W): 220.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

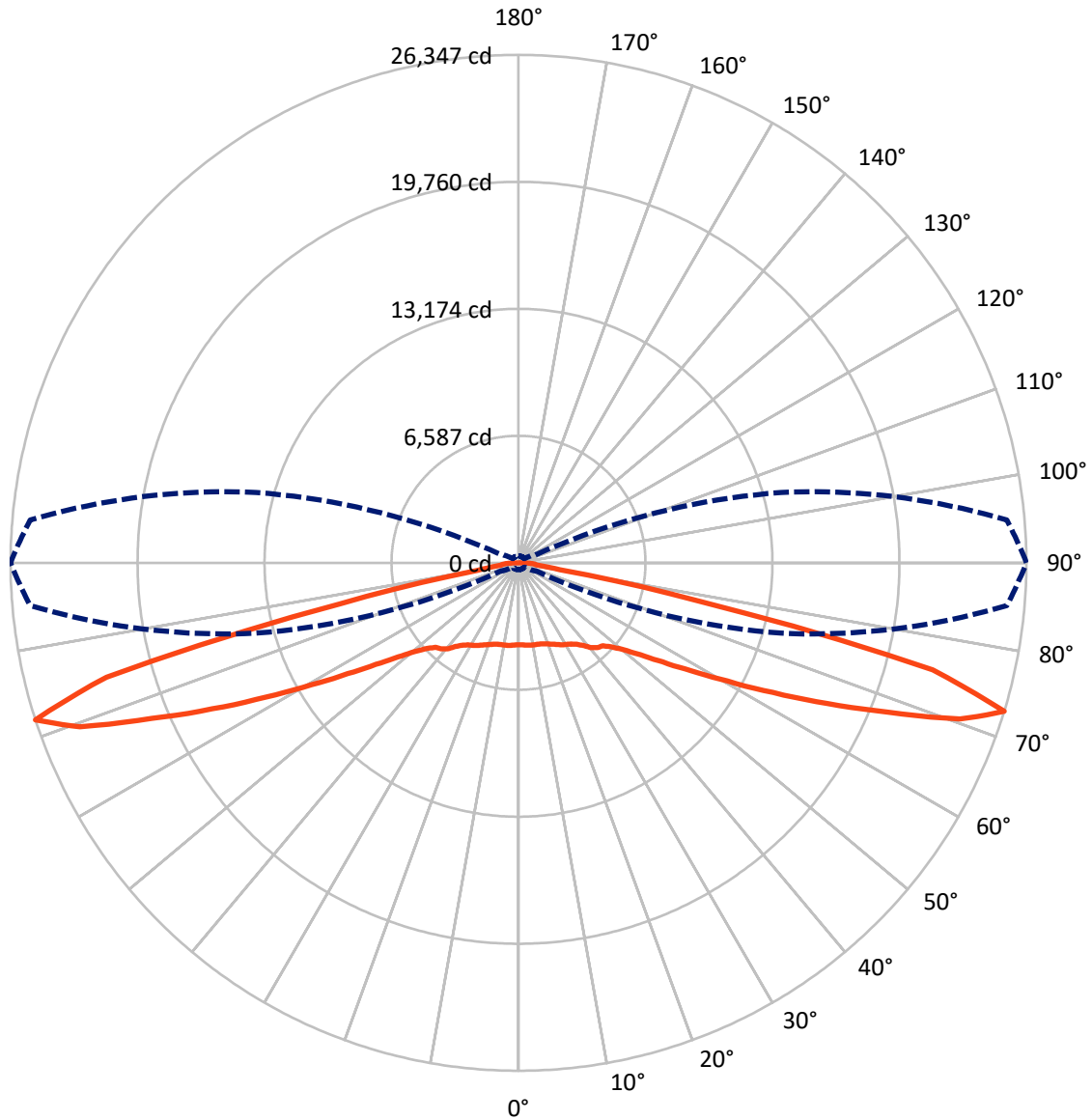
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.8 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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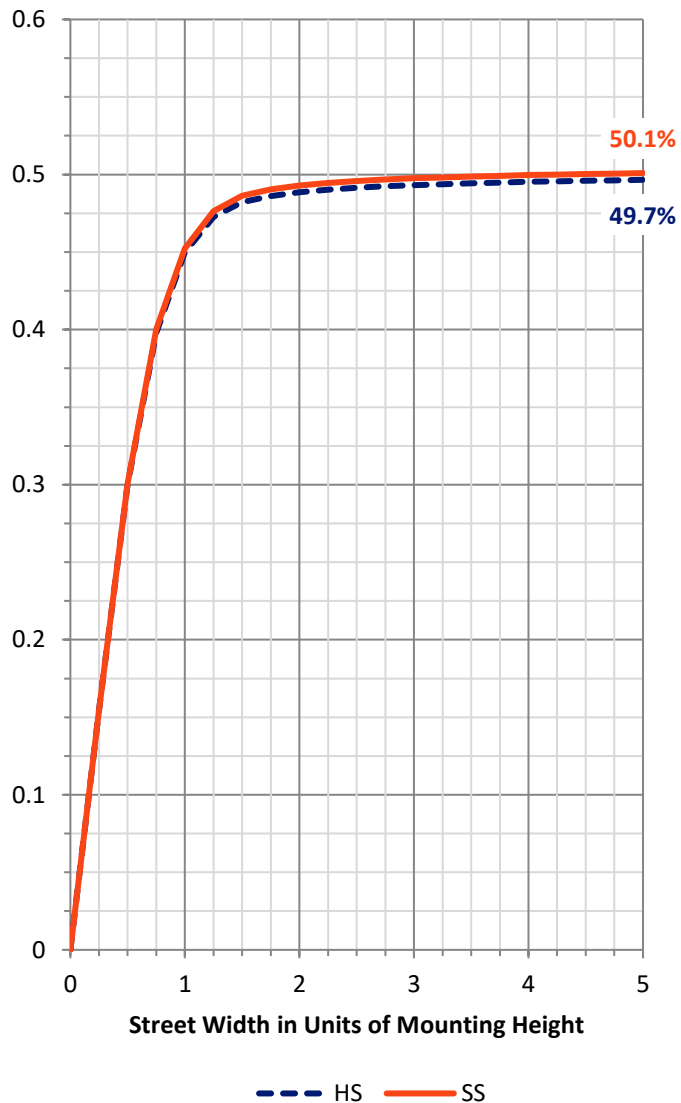
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11395.0	0.0	11395.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	11395.0	0.0	11395.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	22790.0	0.0	22790.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	412.9	1.8
10°-20°	1262.5	5.5
20°-30°	2105.2	9.2
30°-40°	2895.3	12.7
40°-50°	3535.9	15.5
50°-60°	4089.6	17.9
60°-70°	4876.2	21.4
70°-80°	3403.3	14.9
80°-90°	209.0	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°	22790.0	100.0
0°-180°	22790.0	100.0

Coefficient of Utilization

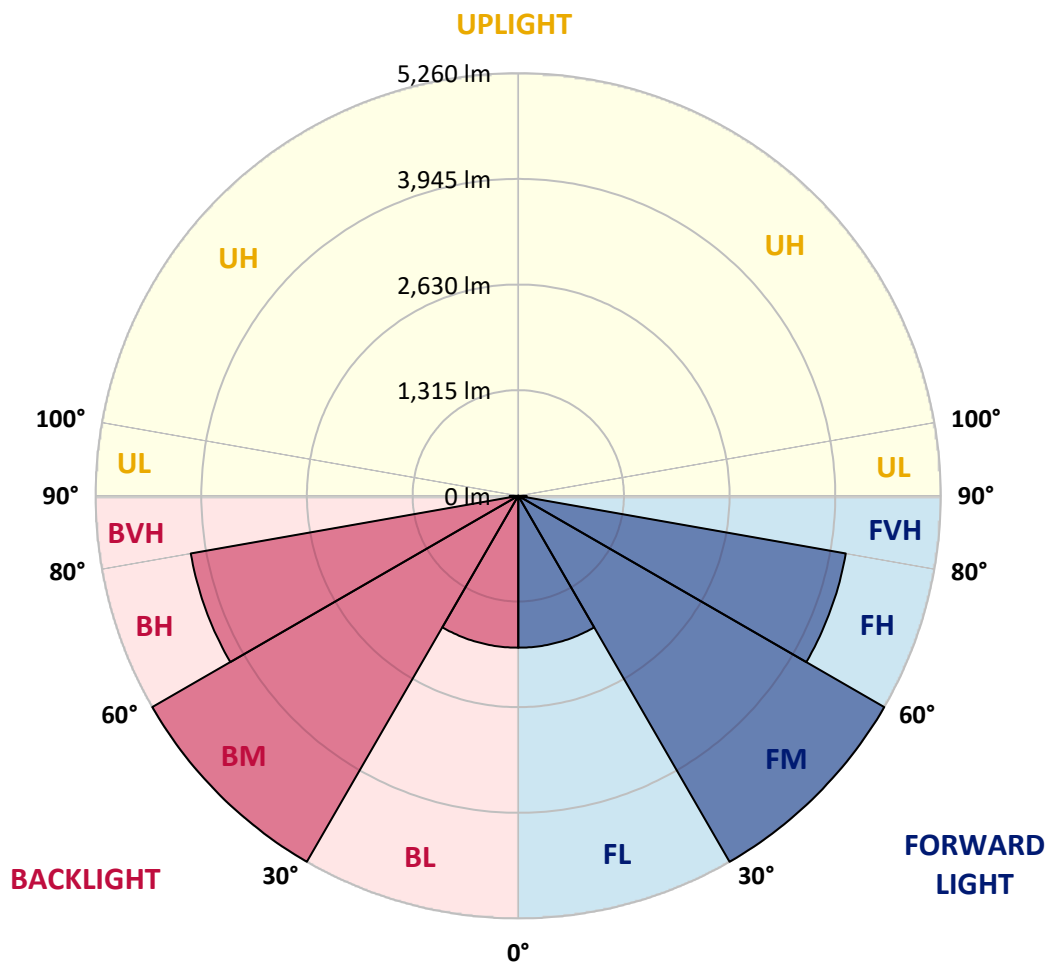


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1890.3	8.3			
FM (30°-60°)	5260.4	23.1			
FH (60°-80°)	4139.8	18.2			G2/5000
FVH (80°-90°)	104.5	0.5			G2/225
BL (0°-30°)	1890.3	8.3	B3/2500		
BM (30°-60°)	5260.4	23.1	B4/8500		
BH (60°-80°)	4139.8	18.2	B4/5000		G4/5000
BVH (80°-90°)	104.5	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°	4258.6	4258.6	4258.6	4258.6	4258.6	4258.6	4258.6	4258.6	4258.6	4258.6
2.5°	4262.2	4267.0	4267.0	4263.4	4271.9	4264.6	4264.6	4261.0	4264.6	4261.0
5°	4284.0	4290.0	4292.5	4291.3	4302.2	4296.1	4296.1	4291.3	4292.5	4288.8
7.5°	4325.2	4333.6	4338.5	4344.5	4360.3	4353.0	4348.2	4333.6	4327.6	4317.9
10°	4338.5	4348.2	4363.9	4395.4	4431.8	4433.0	4418.4	4382.1	4354.2	4332.4
12.5°	4297.3	4310.6	4343.3	4407.5	4488.7	4521.4	4498.4	4437.8	4383.3	4344.5
15°	4245.2	4259.8	4309.4	4406.3	4526.2	4602.5	4600.1	4520.2	4433.0	4372.4
17.5°	4164.1	4178.6	4250.1	4385.7	4555.3	4681.3	4715.2	4632.8	4510.5	4429.3
20°	4017.5	4030.8	4130.2	4320.3	4565.0	4764.8	4853.2	4780.6	4628.0	4517.7
22.5°	3827.4	3848.0	3964.2	4207.7	4542.0	4852.0	5010.7	4961.0	4764.8	4612.2
25°	3623.9	3645.7	3781.3	4069.6	4482.6	4915.0	5197.2	5165.7	4919.9	4729.7
27.5°	3448.3	3471.3	3619.0	3932.7	4390.6	4939.2	5381.3	5397.1	5107.6	4859.3
30°	3310.2	3332.0	3489.4	3822.5	4271.9	4915.0	5542.4	5651.4	5299.0	4971.9
32.5°	3158.8	3186.6	3352.6	3688.1	4131.4	4856.9	5682.9	5926.4	5520.6	5093.1
35°	2967.4	2992.9	3167.3	3504.0	3947.3	4763.6	5800.4	6231.6	5837.9	5277.2
37.5°	2734.9	2759.1	2932.3	3273.9	3764.4	4632.8	5890.0	6575.6	6215.8	5542.4
40°	2501.1	2524.1	2686.4	3017.1	3545.2	4465.7	5921.5	6912.3	6649.4	5907.0
42.5°	2286.7	2307.3	2456.3	2763.9	3299.3	4252.5	5880.3	7205.4	7038.2	6161.3
45°	2089.3	2107.5	2239.5	2526.5	3043.7	3993.3	5756.8	7520.3	7500.9	6343.0
47.5°	1864.0	1882.2	2019.1	2296.4	2788.2	3689.3	5547.3	7830.4	8144.1	6754.8
50°	1589.1	1604.8	1745.3	2031.2	2522.9	3365.9	5256.6	8073.8	8955.6	7378.6
52.5°	1263.3	1280.2	1417.1	1702.9	2208.0	3018.3	4873.8	8232.5	9893.0	8289.4
55°	939.9	952.0	1070.7	1327.5	1818.0	2622.2	4394.2	8277.3	10956.4	9534.5
57.5°	681.9	689.2	765.5	956.8	1378.3	2126.9	3811.6	8161.0	12222.1	11130.9
60°	552.3	554.7	577.7	662.5	958.1	1567.3	3107.9	7761.3	13595.6	13188.7
62.5°	501.4	501.4	507.5	530.5	648.0	1034.4	2256.5	6932.9	15068.4	15789.1
65°	466.3	466.3	468.7	479.6	511.1	658.9	1424.4	5583.6	16309.9	18835.3
67.5°	434.8	436.0	434.8	438.5	456.6	486.9	826.0	3856.4	16978.5	21991.6
70°	402.1	404.5	398.5	398.5	413.0	414.2	517.2	2114.7	16423.8	24636.9
72.5°	363.4	367.0	357.3	354.9	365.8	360.9	388.8	1015.0	14100.7	25426.6
75°	329.4	334.3	312.5	306.4	306.4	302.8	316.1	520.8	9151.8	20741.7
77.5°	299.2	308.9	273.7	254.4	249.5	238.6	258.0	318.5	4003.0	9738.0
80°	247.1	260.4	225.3	202.3	193.8	181.7	203.5	222.9	1190.6	2261.3
82.5°	184.1	190.2	159.9	144.1	136.9	128.4	152.6	155.0	387.6	800.6
85°	117.5	119.9	98.1	84.8	81.1	77.5	96.9	84.8	147.8	588.6
87.5°	41.2	47.2	37.5	33.9	36.3	30.3	44.8	25.4	41.2	415.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

4258.6
4261.0
4288.8
4317.9
4328.8
4338.5
4362.7
4416.0
4497.2
4584.4
4690.9
4818.1
4912.6
5018.0
5193.6
5431.0
5788.3
6008.7
6137.1
6517.4
7080.6
7922.4
9075.5
10553.1
12460.7
14814.1
17602.3
20660.5
24286.8
26347.1
22185.4
9535.7
2165.6
904.8
855.1
514.8
0.0

OF REPORT)