

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: P849094

Luminaire Tested: **GLAN-SB6A-722-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P849094
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-SB6A-722-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 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: 21043 lumens
Efficiency: N/A
Efficacy: 123.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B4 - U0 - G4

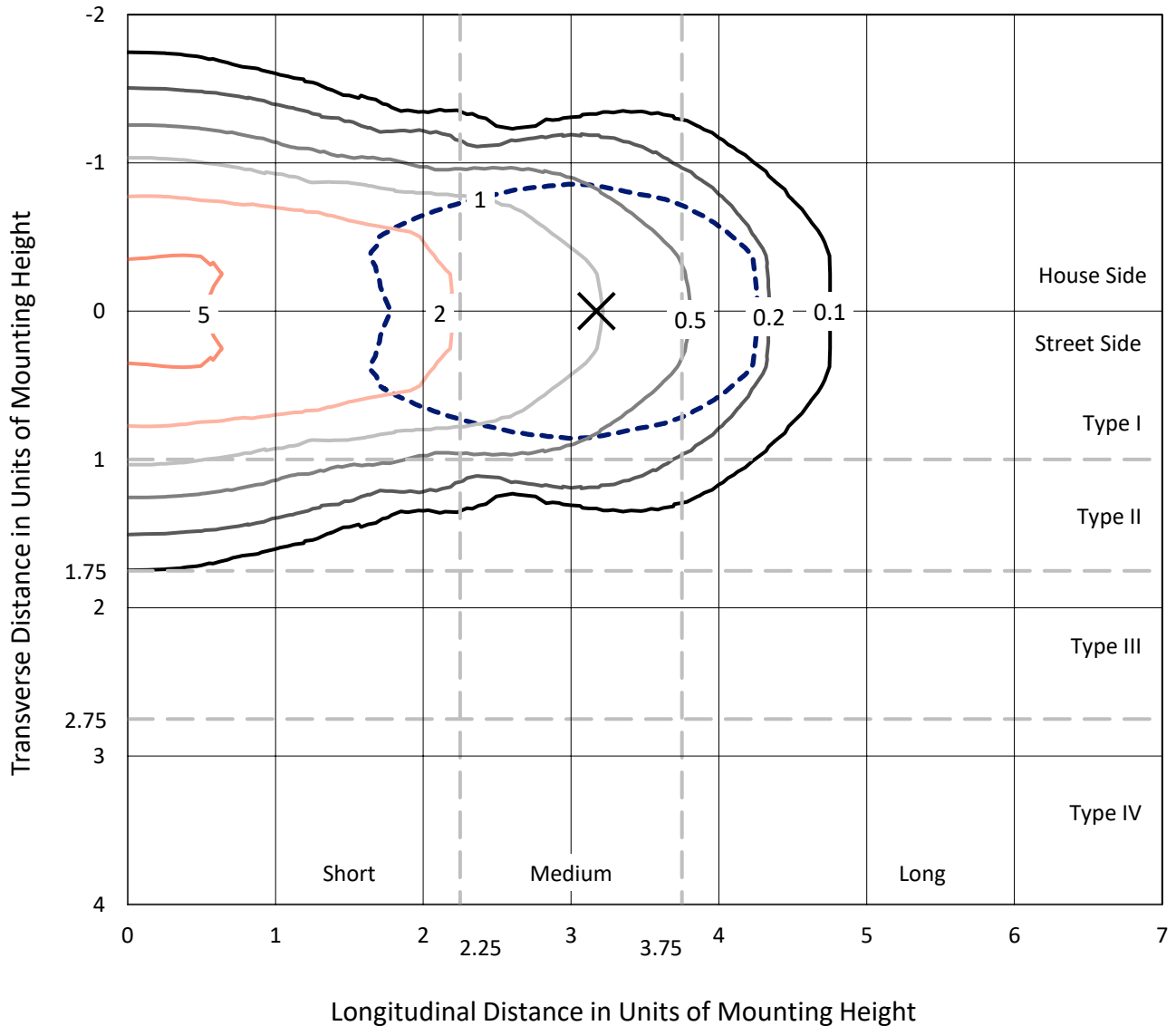
Input Watts (W): 170.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

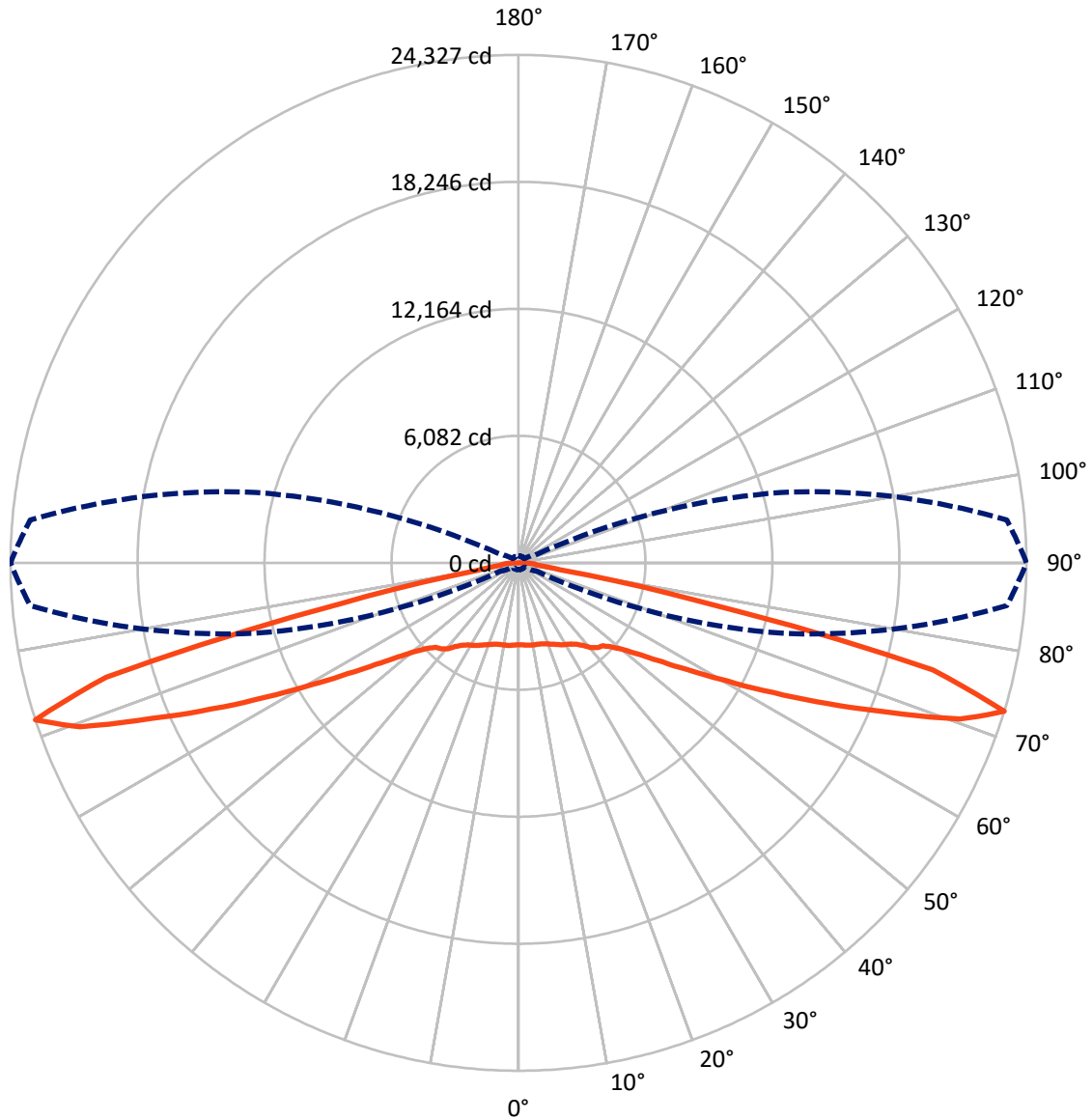
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.3 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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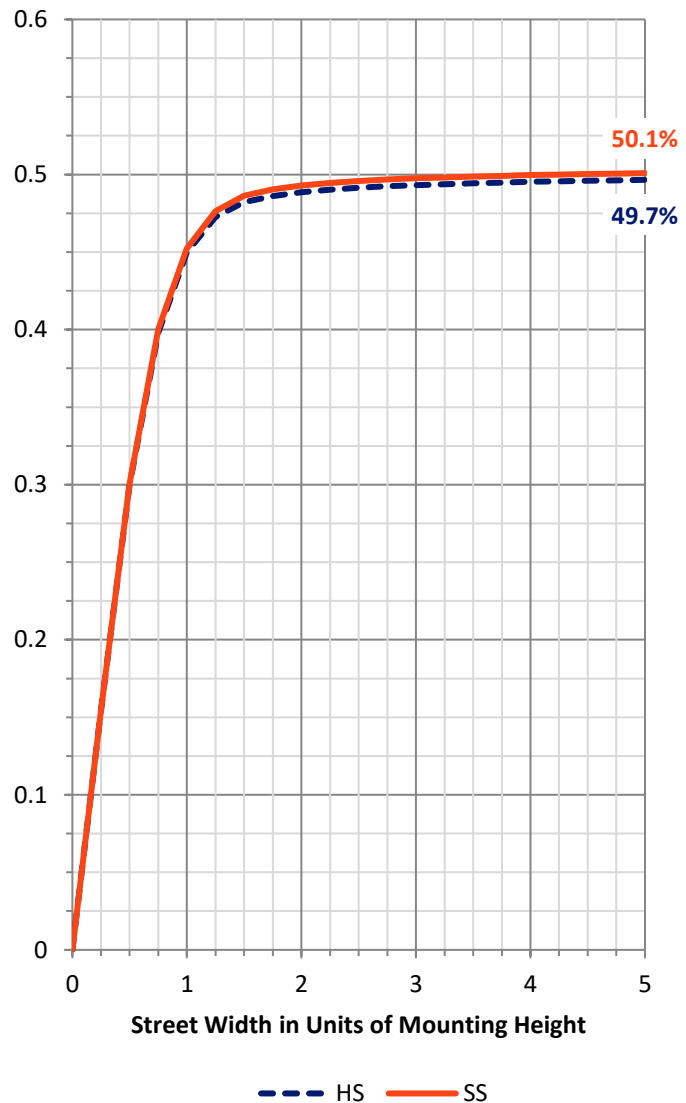
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10521.5	0.0	10521.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	10521.5	0.0	10521.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	21043.0	0.0	21043.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	381.3	1.8
10°-20°	1165.8	5.5
20°-30°	1943.8	9.2
30°-40°	2673.3	12.7
40°-50°	3264.9	15.5
50°-60°	3776.1	17.9
60°-70°	4502.4	21.4
70°-80°	3142.4	14.9
80°-90°	193.0	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°	21043.0	100.0
0°-180°	21043.0	100.0

Coefficient of Utilization

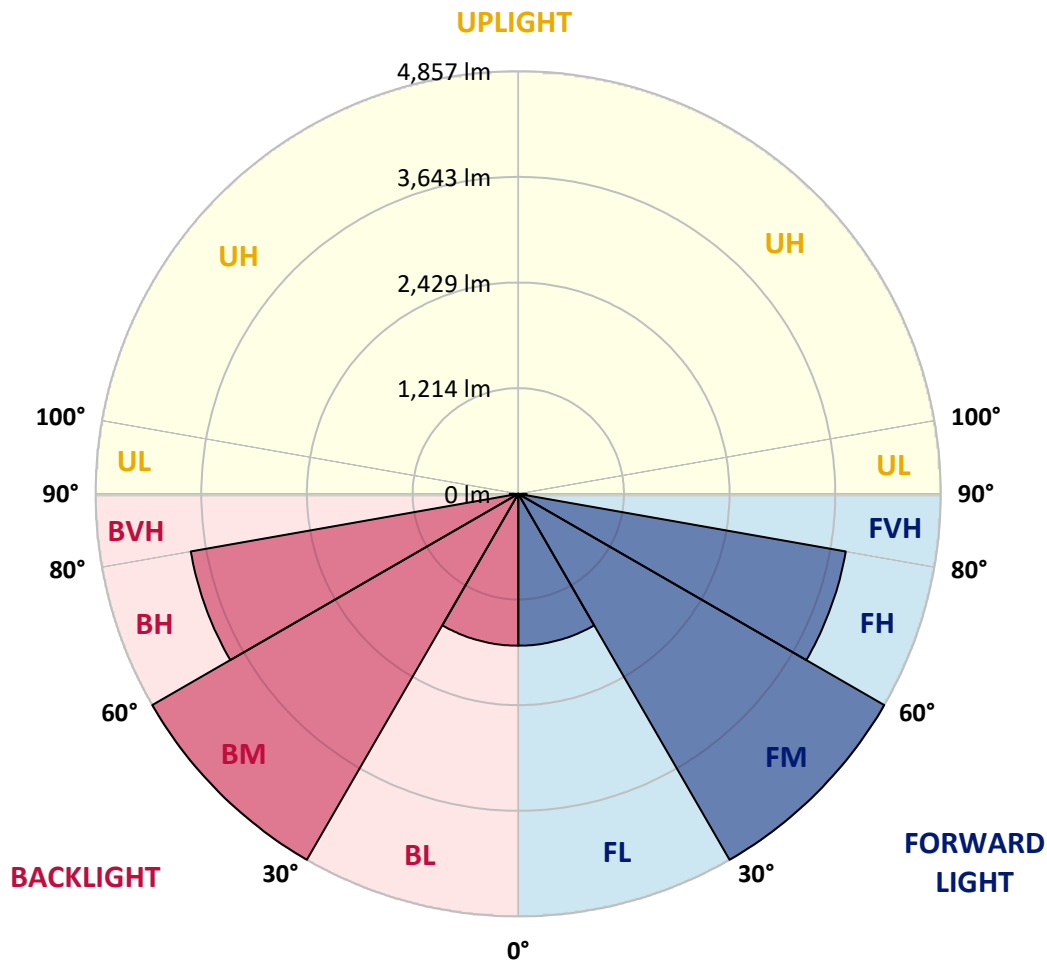


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1745.4	8.3			
FM (30°-60°)	4857.2	23.1			
FH (60°-80°)	3822.4	18.2			G2/5000
FVH (80°-90°)	96.5	0.5			G1/100
BL (0°-30°)	1745.4	8.3	B3/2500		
BM (30°-60°)	4857.2	23.1	B3/5000		
BH (60°-80°)	3822.4	18.2	B4/5000		G4/5000
BVH (80°-90°)	96.5	0.5			G1/100
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°	3932.1	3932.1	3932.1	3932.1	3932.1	3932.1	3932.1	3932.1	3932.1	3932.1
2.5°	3935.5	3939.9	3939.9	3936.6	3944.4	3937.7	3937.7	3934.3	3937.7	3934.3
5°	3955.6	3961.2	3963.4	3962.3	3972.4	3966.8	3966.8	3962.3	3963.4	3960.1
7.5°	3993.6	4001.4	4005.9	4011.5	4026.0	4019.3	4014.9	4001.4	3995.9	3986.9
10°	4005.9	4014.9	4029.4	4058.5	4092.0	4093.1	4079.7	4046.2	4020.5	4000.3
12.5°	3967.9	3980.2	4010.4	4069.7	4144.6	4174.8	4153.5	4097.6	4047.3	4011.5
15°	3919.8	3933.2	3979.1	4068.5	4179.3	4249.7	4247.5	4173.7	4093.1	4037.2
17.5°	3844.9	3858.3	3924.3	4049.5	4206.1	4322.4	4353.7	4277.7	4164.7	4089.8
20°	3709.6	3721.9	3813.6	3989.1	4215.0	4399.6	4481.2	4414.1	4273.2	4171.4
22.5°	3534.0	3553.0	3660.3	3885.1	4193.8	4480.1	4626.6	4580.7	4399.6	4258.7
25°	3346.1	3366.2	3491.5	3757.6	4139.0	4538.3	4798.8	4769.7	4542.7	4367.1
27.5°	3183.9	3205.2	3341.6	3631.3	4054.0	4560.6	4968.8	4983.4	4716.1	4486.8
30°	3056.4	3076.6	3222.0	3529.5	3944.4	4538.3	5117.6	5218.2	4892.8	4590.8
32.5°	2916.6	2942.4	3095.6	3405.4	3814.7	4484.6	5247.3	5472.1	5097.4	4702.6
35°	2739.9	2763.4	2924.5	3235.4	3644.7	4398.5	5355.8	5753.9	5390.4	4872.6
37.5°	2525.2	2547.6	2707.5	3022.9	3475.8	4277.7	5438.5	6071.5	5739.4	5117.6
40°	2309.4	2330.6	2480.5	2785.8	3273.4	4123.3	5467.6	6382.4	6139.7	5454.2
42.5°	2111.4	2130.5	2268.0	2552.1	3046.4	3926.5	5429.6	6653.0	6498.7	5689.0
45°	1929.1	1945.9	2067.8	2332.9	2810.4	3687.2	5315.5	6943.8	6925.9	5856.8
47.5°	1721.1	1737.9	1864.3	2120.4	2574.4	3406.5	5122.0	7230.1	7519.8	6237.0
50°	1467.3	1481.8	1611.5	1875.5	2329.5	3107.9	4853.6	7454.9	8269.1	6813.0
52.5°	1166.4	1182.1	1308.5	1572.4	2038.7	2786.9	4500.2	7601.4	9134.7	7654.0
55°	867.8	879.0	988.6	1225.7	1678.6	2421.2	4057.4	7642.8	10116.6	8803.6
57.5°	629.6	636.3	706.8	883.5	1272.7	1963.8	3519.4	7535.4	11285.2	10277.6
60°	510.0	512.2	533.5	611.7	884.6	1447.1	2869.7	7166.4	12553.4	12177.7
62.5°	463.0	463.0	468.6	489.8	598.3	955.1	2083.5	6401.4	13913.4	14578.8
65°	430.6	430.6	432.8	442.9	471.9	608.4	1315.2	5155.6	15059.7	17391.4
67.5°	401.5	402.6	401.5	404.8	421.6	449.6	762.7	3560.8	15677.0	20305.8
70°	371.3	373.5	367.9	367.9	381.4	382.5	477.5	1952.6	15164.8	22748.3
72.5°	335.5	338.9	329.9	327.7	337.7	333.3	359.0	937.2	13019.8	23477.5
75°	304.2	308.7	288.5	282.9	282.9	279.6	291.9	480.9	8450.2	19151.7
77.5°	276.2	285.2	252.7	234.9	230.4	220.3	238.2	294.1	3696.1	8991.5
80°	228.1	240.4	208.0	186.8	178.9	167.8	187.9	205.8	1099.3	2088.0
82.5°	170.0	175.6	147.6	133.1	126.4	118.5	140.9	143.1	357.9	739.2
85°	108.5	110.7	90.6	78.3	74.9	71.6	89.5	78.3	136.4	543.5
87.5°	38.0	43.6	34.7	31.3	33.6	28.0	41.4	23.5	38.0	383.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

3932.1
3934.3
3960.1
3986.9
3997.0
4005.9
4028.3
4077.5
4152.4
4232.9
4331.4
4448.8
4536.0
4633.3
4795.5
5014.7
5344.6
5548.1
5666.7
6017.8
6537.9
7315.1
8379.8
9744.2
11505.5
13678.5
16252.9
19076.8
22425.1
24327.4
20484.8
8804.7
1999.6
835.4
789.6
475.3
0.0

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