

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: P849224

Luminaire Tested: **GLAN-SB6A-930-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P849224
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-930-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 90 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18155 lumens
Efficiency: N/A
Efficacy: 106.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B4 - U0 - G4

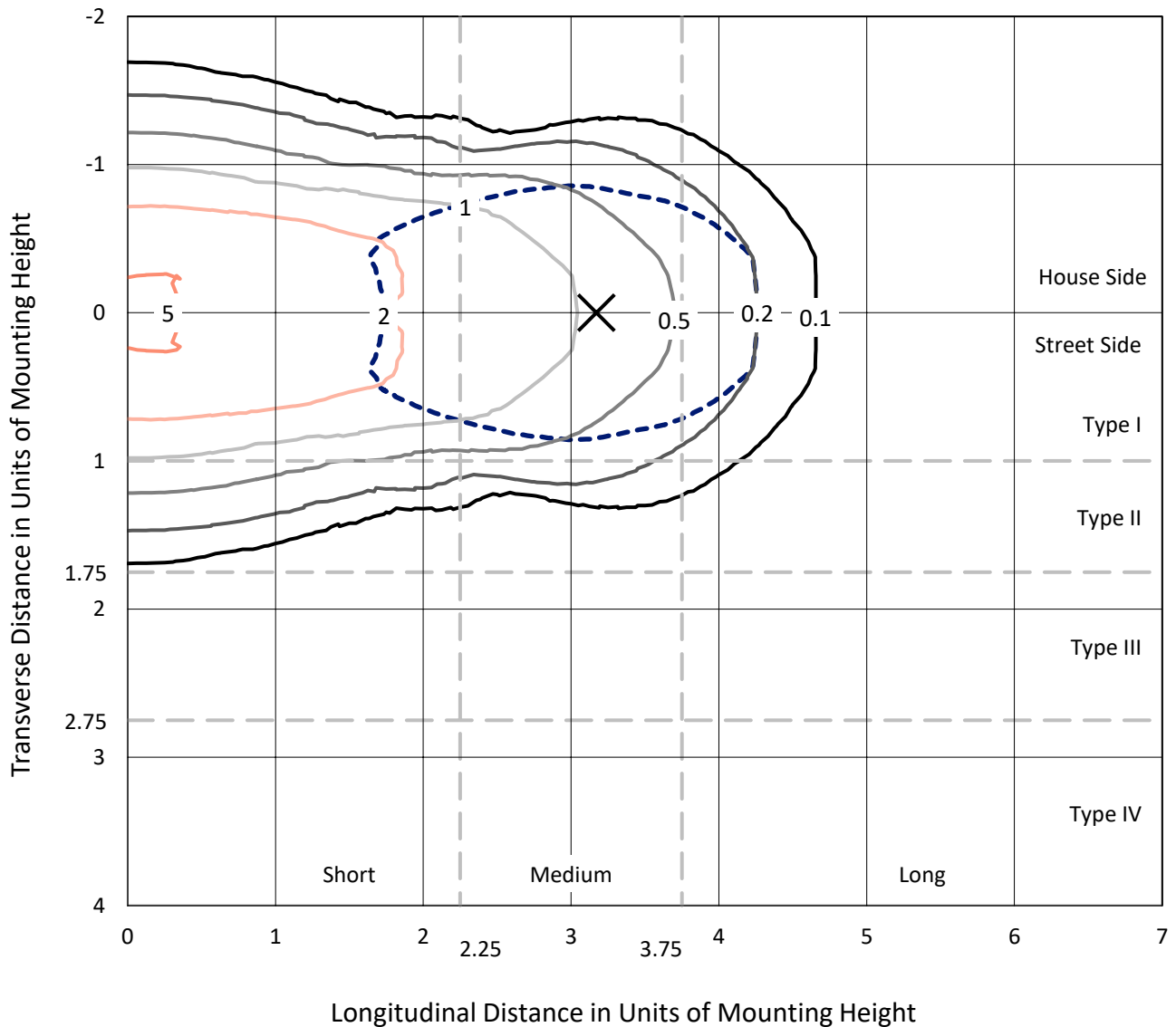
Input Watts (W): 170.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

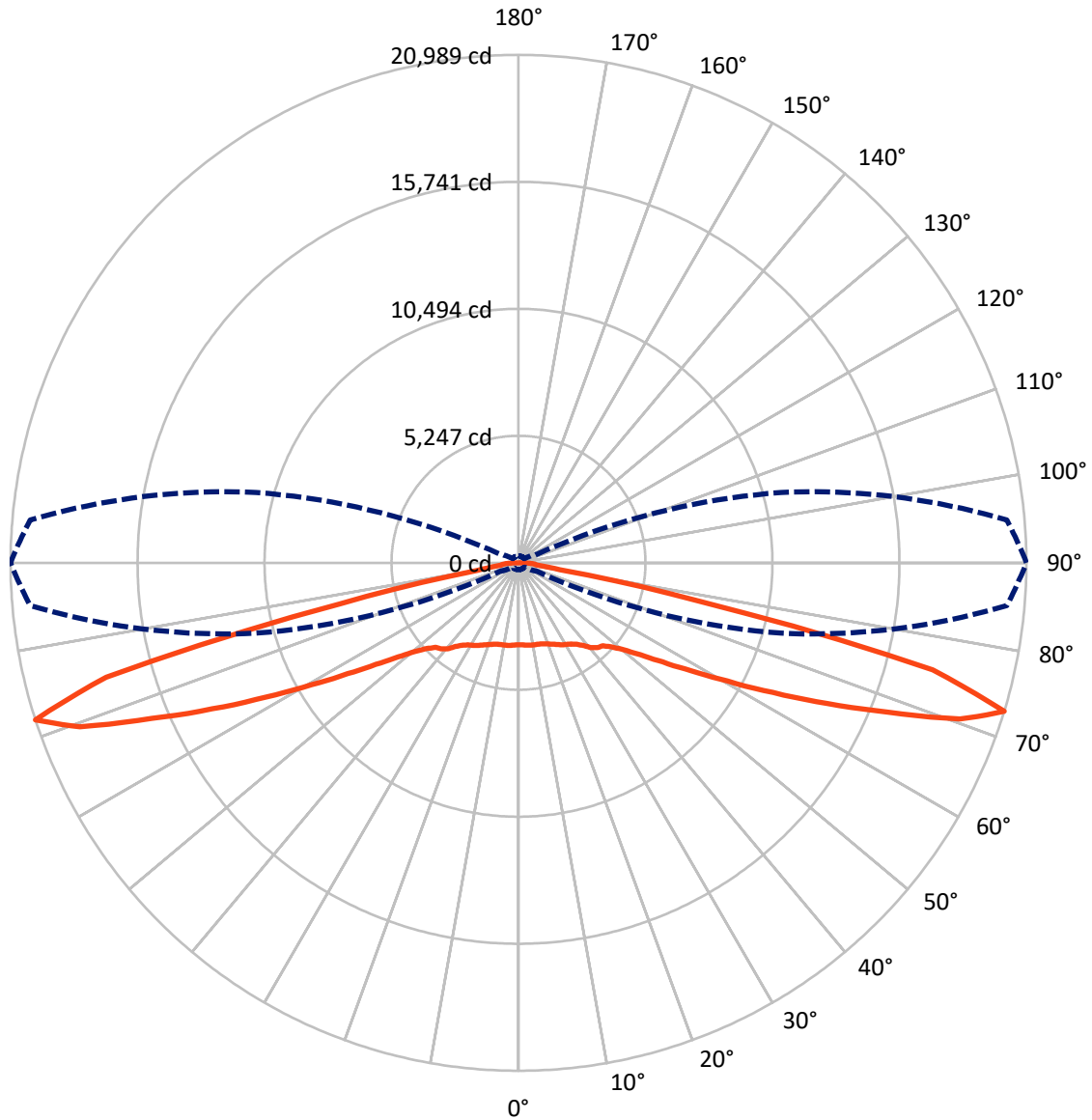
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.4 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	9077.5	0.0	9077.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	9077.5	0.0	9077.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	18155.0	0.0	18155.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	328.9	1.8
10°-20°	1005.8	5.5
20°-30°	1677.0	9.2
30°-40°	2306.4	12.7
40°-50°	2816.8	15.5
50°-60°	3257.9	17.9
60°-70°	3884.5	21.4
70°-80°	2711.1	14.9
80°-90°	166.5	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°	18155.0	100.0
0°-180°	18155.0	100.0

Coefficient of Utilization



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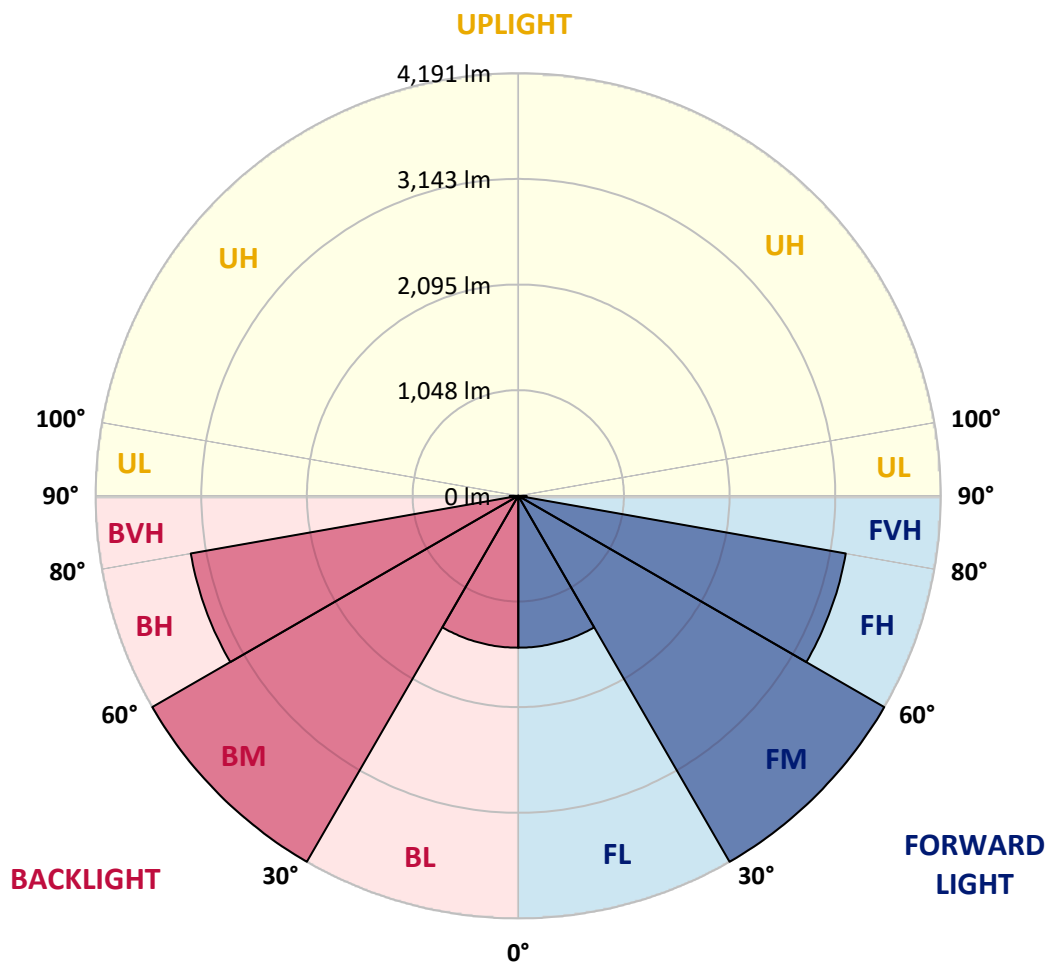
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1505.9	8.3			
FM (30°-60°)	4190.6	23.1			
FH (60°-80°)	3297.8	18.2			G2/5000
FVH (80°-90°)	83.3	0.5			G1/100
BL (0°-30°)	1505.9	8.3	B3/2500		
BM (30°-60°)	4190.6	23.1	B3/5000		
BH (60°-80°)	3297.8	18.2	B4/5000		G4/5000
BVH (80°-90°)	83.3	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°	3392.5	3392.5	3392.5	3392.5	3392.5	3392.5	3392.5	3392.5	3392.5	3392.5
2.5°	3395.3	3399.2	3399.2	3396.3	3403.1	3397.3	3397.3	3394.4	3397.3	3394.4
5°	3412.7	3417.5	3419.5	3418.5	3427.2	3422.4	3422.4	3418.5	3419.5	3416.6
7.5°	3445.5	3452.3	3456.1	3461.0	3473.5	3467.7	3463.9	3452.3	3447.5	3439.7
10°	3456.1	3463.9	3476.4	3501.5	3530.4	3531.4	3519.8	3490.9	3468.7	3451.3
12.5°	3423.3	3433.9	3460.0	3511.1	3575.8	3601.8	3583.5	3535.3	3491.8	3461.0
15°	3381.8	3393.4	3433.0	3510.2	3605.7	3666.5	3664.5	3600.9	3531.4	3483.2
17.5°	3317.2	3328.8	3385.7	3493.8	3628.8	3729.2	3756.2	3690.6	3593.1	3528.5
20°	3200.4	3211.1	3290.2	3441.7	3636.6	3795.8	3866.2	3808.3	3686.7	3598.9
22.5°	3049.0	3065.4	3158.0	3351.9	3618.2	3865.2	3991.6	3952.1	3795.8	3674.2
25°	2886.9	2904.2	3012.3	3241.9	3571.0	3915.4	4140.2	4115.1	3919.3	3767.8
27.5°	2747.0	2765.3	2883.0	3132.9	3497.6	3934.7	4286.9	4299.4	4068.8	3871.0
30°	2637.0	2654.3	2779.8	3045.1	3403.1	3915.4	4415.2	4502.0	4221.3	3960.8
32.5°	2516.4	2538.6	2670.7	2938.0	3291.1	3869.1	4527.1	4721.1	4397.8	4057.2
35°	2363.9	2384.2	2523.1	2791.3	3144.5	3794.8	4620.7	4964.2	4650.6	4203.9
37.5°	2178.7	2198.0	2335.9	2608.0	2998.8	3690.6	4692.1	5238.2	4951.7	4415.2
40°	1992.4	2010.8	2140.1	2403.5	2824.1	3557.4	4717.2	5506.5	5297.1	4705.6
42.5°	1821.7	1838.1	1956.7	2201.8	2628.3	3387.6	4684.4	5740.0	5606.8	4908.3
45°	1664.4	1678.9	1784.0	2012.7	2424.7	3181.1	4586.0	5990.8	5975.4	5053.0
47.5°	1484.9	1499.4	1608.4	1829.4	2221.1	2939.0	4419.1	6237.8	6487.7	5381.0
50°	1265.9	1278.4	1390.4	1618.1	2009.8	2681.4	4187.5	6431.8	7134.2	5877.9
52.5°	1006.4	1019.9	1128.9	1356.6	1758.9	2404.4	3882.6	6558.2	7881.0	6603.5
55°	748.7	758.4	852.9	1057.5	1448.3	2088.9	3500.5	6593.9	8728.1	7595.4
57.5°	543.2	549.0	609.8	762.2	1098.0	1694.3	3036.4	6501.2	9736.4	8867.1
60°	440.0	441.9	460.2	527.8	763.2	1248.5	2475.8	6182.8	10830.6	10506.4
62.5°	399.5	399.5	404.3	422.6	516.2	824.0	1797.5	5522.9	12003.8	12577.9
65°	371.5	371.5	373.4	382.1	407.2	524.9	1134.7	4448.0	12992.8	15004.6
67.5°	346.4	347.4	346.4	349.3	363.8	387.9	658.0	3072.1	13525.4	17519.0
70°	320.3	322.3	317.4	317.4	329.0	330.0	412.0	1684.6	13083.5	19626.2
72.5°	289.5	292.4	284.6	282.7	291.4	287.5	309.7	808.6	11232.9	20255.3
75°	262.4	266.3	248.9	244.1	244.1	241.2	251.8	414.9	7290.5	16523.3
77.5°	238.3	246.0	218.1	202.6	198.8	190.1	205.5	253.8	3188.9	7757.5
80°	196.8	207.4	179.5	161.1	154.4	144.7	162.1	177.5	948.5	1801.4
82.5°	146.7	151.5	127.4	114.8	109.0	102.3	121.6	123.5	308.8	637.8
85°	93.6	95.5	78.2	67.5	64.6	61.8	77.2	67.5	117.7	468.9
87.5°	32.8	37.6	29.9	27.0	28.9	24.1	35.7	20.3	32.8	330.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

3392.5
3394.4
3416.6
3439.7
3448.4
3456.1
3475.4
3517.9
3582.5
3652.0
3736.9
3838.2
3913.5
3997.4
4137.3
4326.4
4611.1
4786.7
4889.0
5191.9
5640.6
6311.2
7229.7
8406.8
9926.5
11801.2
14022.3
16458.6
19347.4
20988.6
17673.4
7596.4
1725.2
720.8
681.2
410.1
0.0

OF REPORT)