

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: P845824

Luminaire Tested: **GLAN-SB1A-930-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P845824
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-SB1A-930-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 90 CRI, 3000K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2995 lumens
Efficiency: N/A
Efficacy: 96.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type I - Short
BUG Rating: B2 - U0 - G2

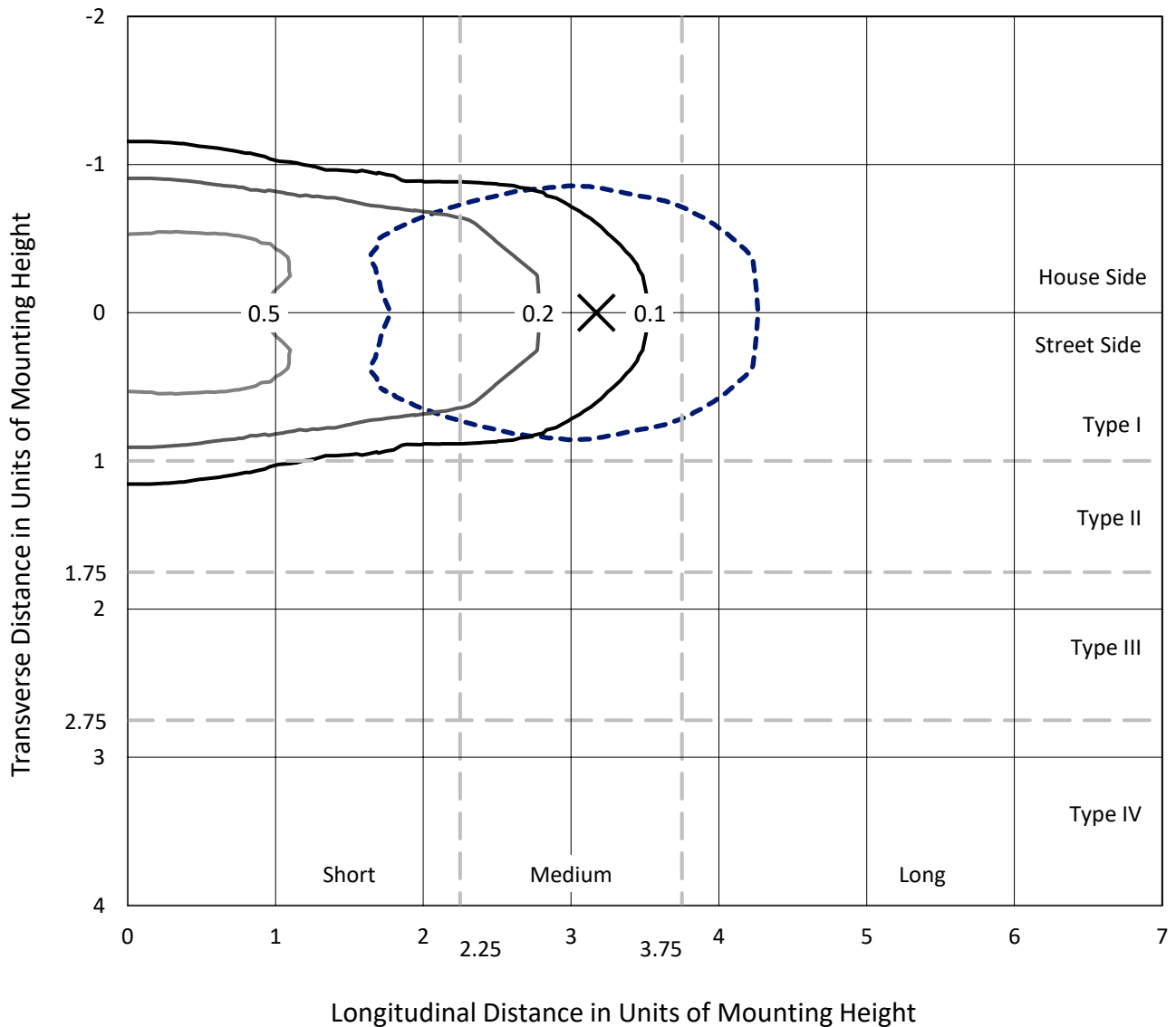
Input Watts (W): 30.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

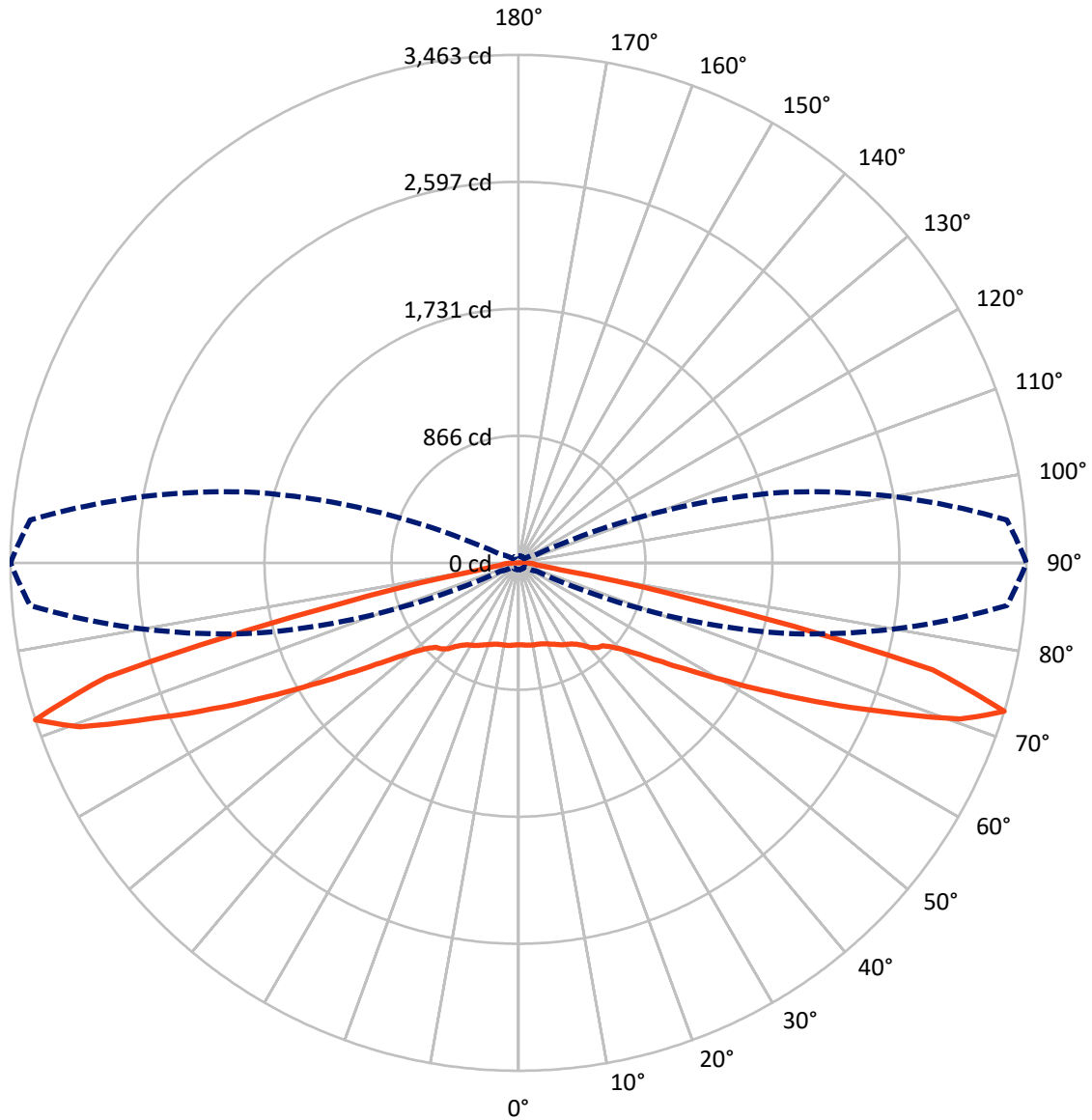
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.9 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	1497.5	0.0	1497.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1497.5	0.0	1497.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	2995.0	0.0	2995.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.3	1.8
10°-20°	165.9	5.5
20°-30°	276.7	9.2
30°-40°	380.5	12.7
40°-50°	464.7	15.5
50°-60°	537.5	17.9
60°-70°	640.8	21.4
70°-80°	447.3	14.9
80°-90°	27.5	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°	2995.0	100.0
0°-180°	2995.0	100.0

Coefficient of Utilization



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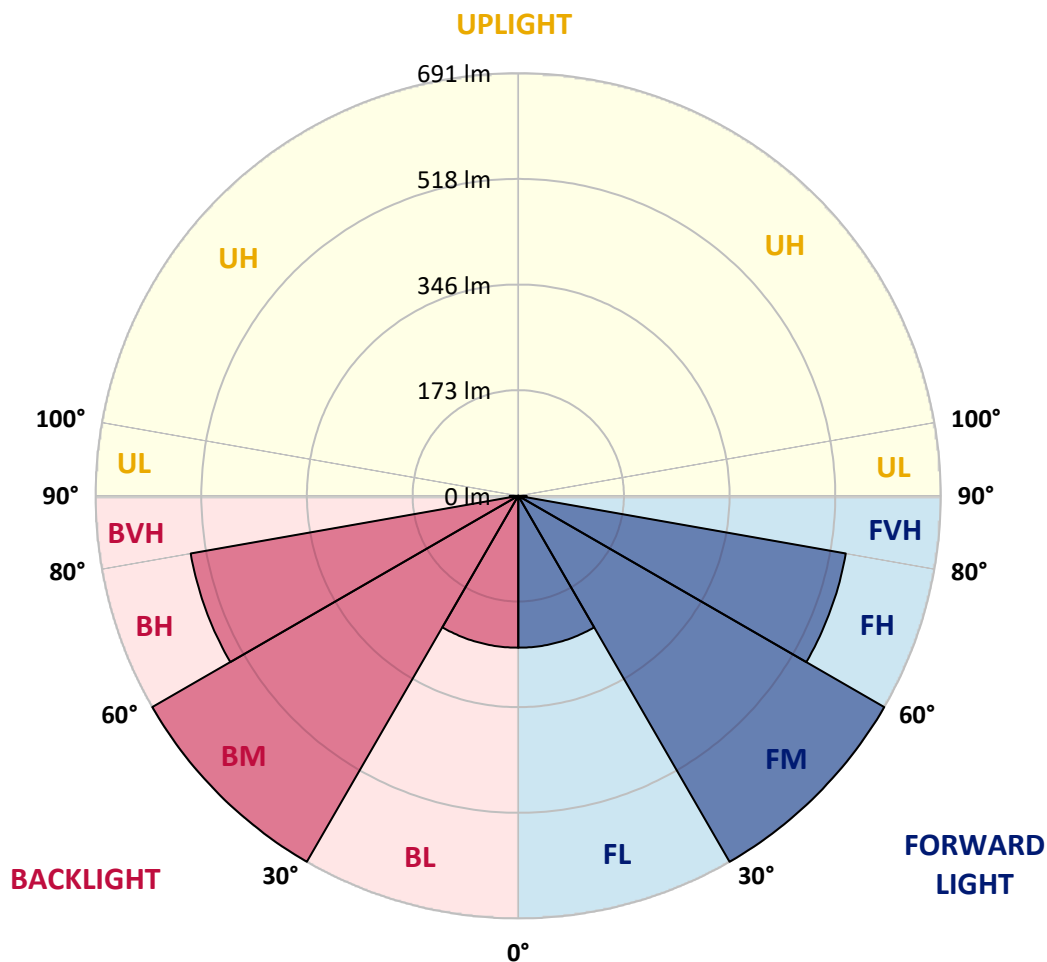
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	248.4	8.3			
FM (30°-60°)	691.3	23.1			
FH (60°-80°)	544.0	18.2			G0/660
FVH (80°-90°)	13.7	0.5			G1/100
BL (0°-30°)	248.4	8.3	B1/500		
BM (30°-60°)	691.3	23.1	B1/1000		
BH (60°-80°)	544.0	18.2	B2/1000		G2/1000
BVH (80°-90°)	13.7	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type I Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	559.6	559.6	559.6	559.6	559.6	559.6	559.6	559.6	559.6	559.6
2.5°	560.1	560.8	560.8	560.3	561.4	560.4	560.4	560.0	560.4	560.0
5°	563.0	563.8	564.1	563.9	565.4	564.6	564.6	563.9	564.1	563.6
7.5°	568.4	569.5	570.2	570.9	573.0	572.1	571.4	569.5	568.7	567.4
10°	570.2	571.4	573.5	577.6	582.4	582.6	580.7	575.9	572.2	569.4
12.5°	564.7	566.5	570.8	579.2	589.9	594.2	591.2	583.2	576.0	570.9
15°	557.9	559.8	566.3	579.1	594.8	604.9	604.5	594.0	582.6	574.6
17.5°	547.2	549.1	558.5	576.4	598.6	615.2	619.7	608.8	592.8	582.1
20°	528.0	529.7	542.8	567.8	599.9	626.2	637.8	628.3	608.2	593.7
22.5°	503.0	505.7	521.0	553.0	596.9	637.6	658.5	652.0	626.2	606.1
25°	476.2	479.1	496.9	534.8	589.1	645.9	683.0	678.9	646.6	621.6
27.5°	453.2	456.2	475.6	516.8	577.0	649.1	707.2	709.3	671.2	638.6
30°	435.0	437.9	458.6	502.3	561.4	645.9	728.4	742.7	696.4	653.4
32.5°	415.1	418.8	440.6	484.7	542.9	638.3	746.8	778.8	725.5	669.3
35°	390.0	393.3	416.2	460.5	518.7	626.0	762.3	818.9	767.2	693.5
37.5°	359.4	362.6	385.4	430.2	494.7	608.8	774.1	864.1	816.9	728.4
40°	328.7	331.7	353.0	396.5	465.9	586.9	778.2	908.4	873.9	776.3
42.5°	300.5	303.2	322.8	363.2	433.6	558.9	772.8	946.9	924.9	809.7
45°	274.6	277.0	294.3	332.0	400.0	524.8	756.5	988.3	985.7	833.6
47.5°	245.0	247.4	265.3	301.8	366.4	484.8	729.0	1029.0	1070.3	887.7
50°	208.8	210.9	229.4	266.9	331.6	442.3	690.8	1061.0	1176.9	969.7
52.5°	166.0	168.2	186.2	223.8	290.2	396.7	640.5	1081.9	1300.1	1089.4
55°	123.5	125.1	140.7	174.5	238.9	344.6	577.5	1087.8	1439.9	1253.0
57.5°	89.6	90.6	100.6	125.7	181.1	279.5	500.9	1072.5	1606.2	1462.8
60°	72.6	72.9	75.9	87.1	125.9	206.0	408.4	1020.0	1786.7	1733.2
62.5°	65.9	65.9	66.7	69.7	85.2	135.9	296.5	911.1	1980.3	2075.0
65°	61.3	61.3	61.6	63.0	67.2	86.6	187.2	733.8	2143.4	2475.3
67.5°	57.1	57.3	57.1	57.6	60.0	64.0	108.6	506.8	2231.3	2890.1
70°	52.8	53.2	52.4	52.4	54.3	54.4	68.0	277.9	2158.4	3237.7
72.5°	47.8	48.2	47.0	46.6	48.1	47.4	51.1	133.4	1853.1	3341.5
75°	43.3	43.9	41.1	40.3	40.3	39.8	41.5	68.4	1202.7	2725.8
77.5°	39.3	40.6	36.0	33.4	32.8	31.4	33.9	41.9	526.1	1279.7
80°	32.5	34.2	29.6	26.6	25.5	23.9	26.7	29.3	156.5	297.2
82.5°	24.2	25.0	21.0	18.9	18.0	16.9	20.1	20.4	50.9	105.2
85°	15.4	15.8	12.9	11.1	10.7	10.2	12.7	11.1	19.4	77.4
87.5°	5.4	6.2	4.9	4.5	4.8	4.0	5.9	3.3	5.4	54.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

559.6
560.0
563.6
567.4
568.9
570.2
573.3
580.3
591.0
602.5
616.5
633.2
645.6
659.4
682.5
713.7
760.7
789.7
806.5
856.5
930.5
1041.1
1192.7
1386.9
1637.6
1946.8
2313.2
2715.1
3191.7
3462.5
2915.5
1253.2
284.6
118.9
112.4
67.6
0.0

OF REPORT)