

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: P845714

Luminaire Tested: **GLAN-SB1A-730-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P845714
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-730-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 3000K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4288 lumens
Efficiency: N/A
Efficacy: 138.8 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

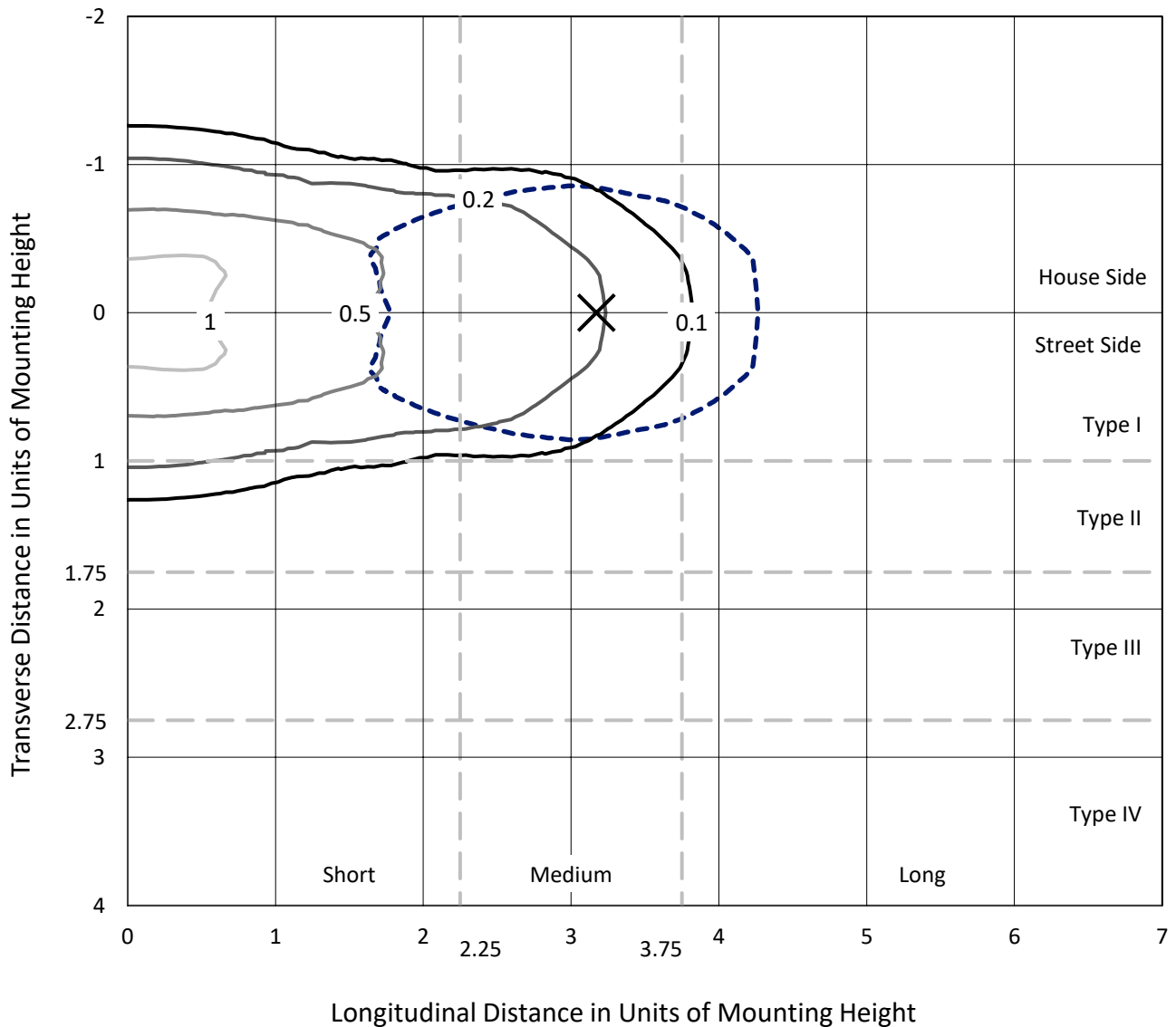
Input Watts (W): 30.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

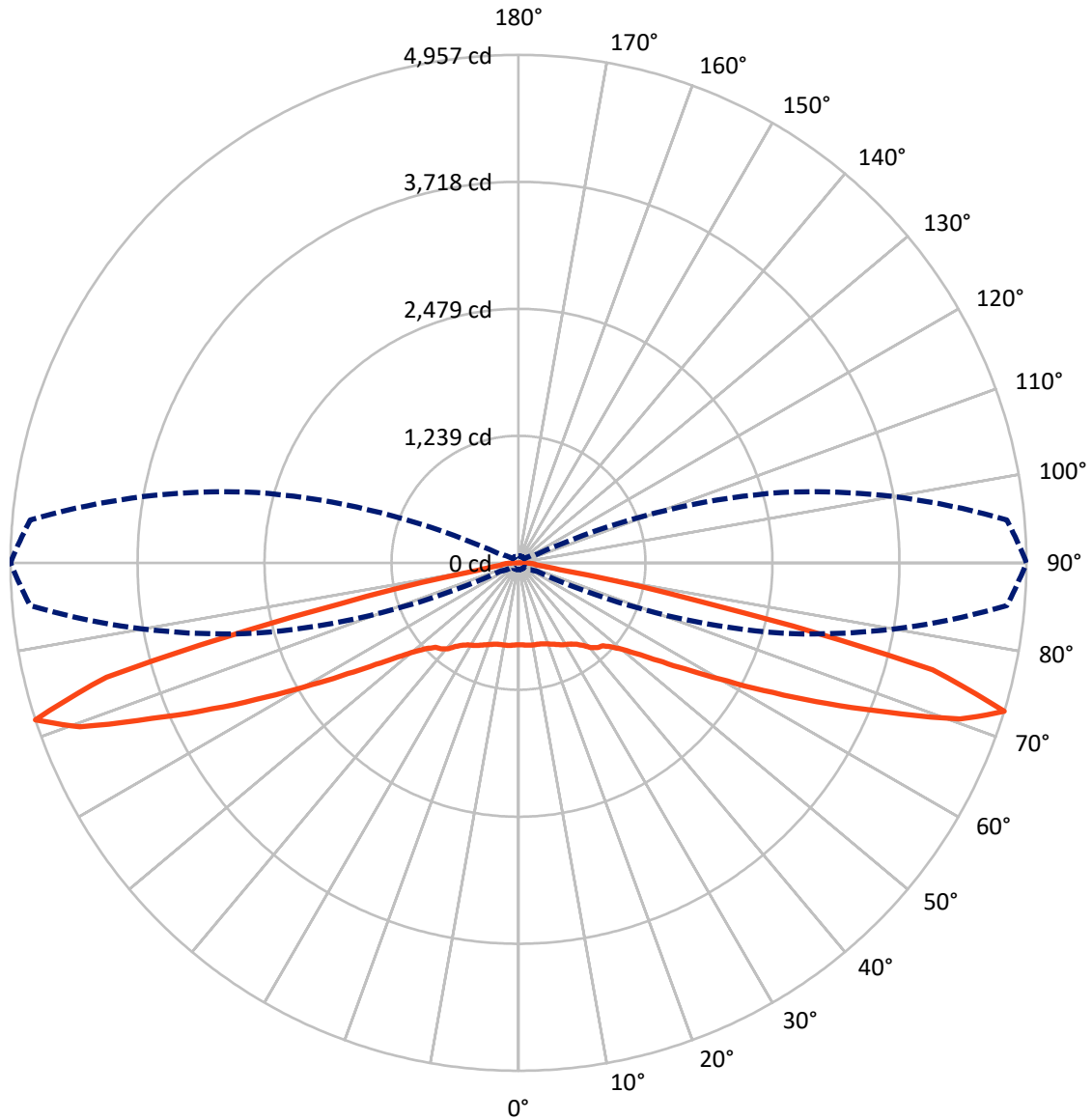
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.3 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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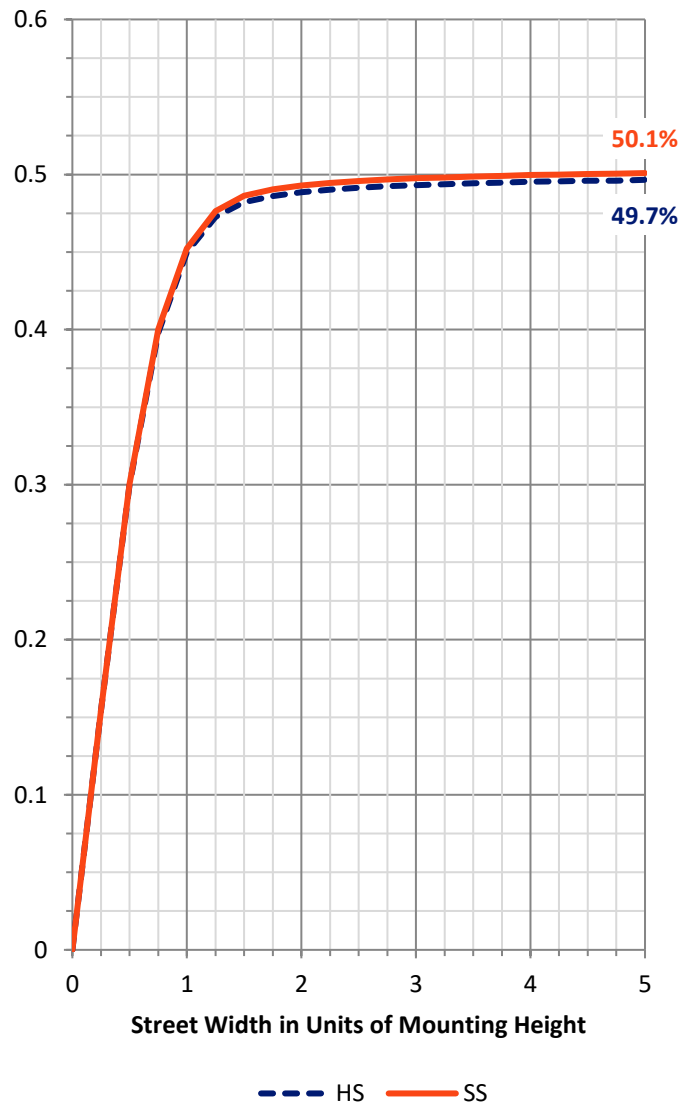
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2144.0	0.0	2144.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2144.0	0.0	2144.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	4288.0	0.0	4288.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.7	1.8
10°-20°	237.6	5.5
20°-30°	396.1	9.2
30°-40°	544.7	12.7
40°-50°	665.3	15.5
50°-60°	769.5	17.9
60°-70°	917.5	21.4
70°-80°	640.3	14.9
80°-90°	39.3	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°	4288.0	100.0
0°-180°	4288.0	100.0

Coefficient of Utilization



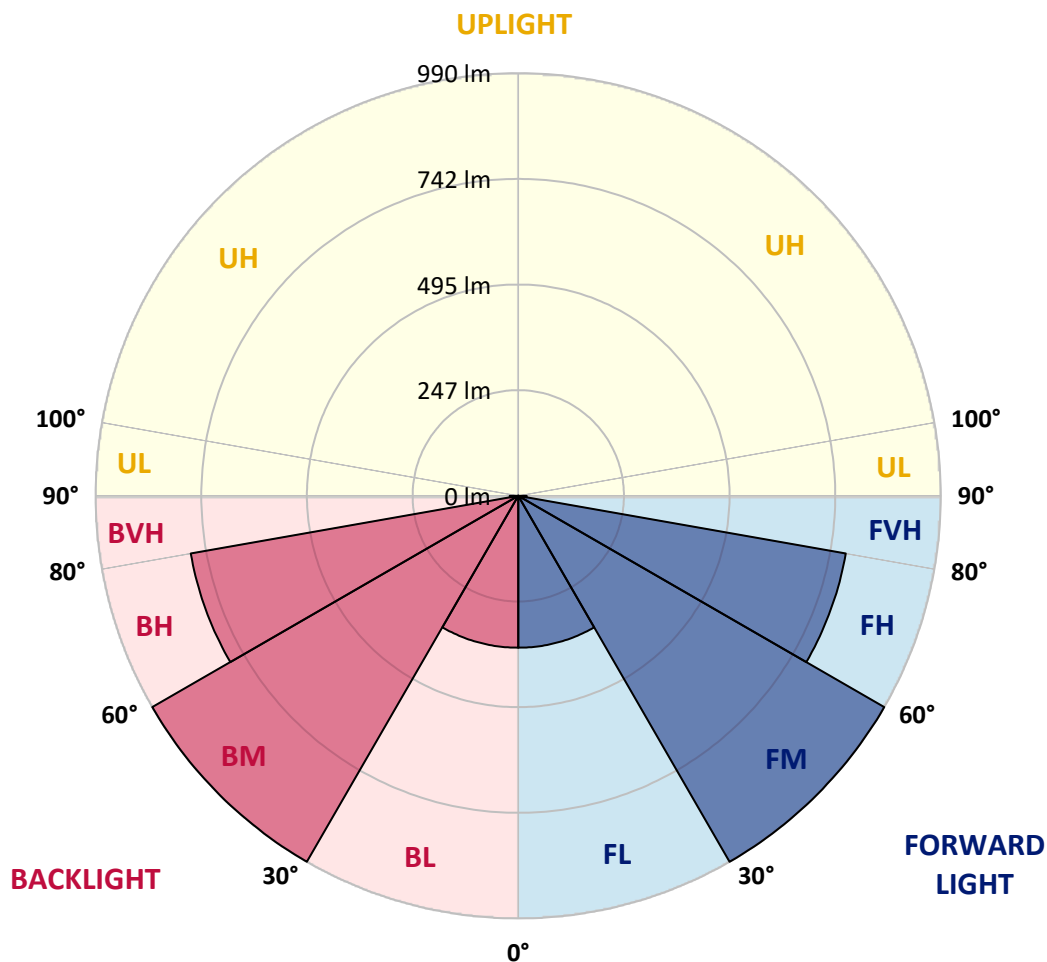
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	355.7	8.3			
FM (30°-60°)	989.8	23.1			
FH (60°-80°)	778.9	18.2			G1/1800
FVH (80°-90°)	19.7	0.5			G1/100
BL (0°-30°)	355.7	8.3	B1/500		
BM (30°-60°)	989.8	23.1	B1/1000		
BH (60°-80°)	778.9	18.2	B2/1000		G2/1000
BVH (80°-90°)	19.7	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°	801.3	801.3	801.3	801.3	801.3	801.3	801.3	801.3	801.3	801.3
2.5°	801.9	802.9	802.9	802.2	803.8	802.4	802.4	801.7	802.4	801.7
5°	806.0	807.2	807.6	807.4	809.5	808.3	808.3	807.4	807.6	807.0
7.5°	813.8	815.4	816.3	817.4	820.4	819.0	818.1	815.4	814.2	812.4
10°	816.3	818.1	821.1	827.0	833.8	834.1	831.3	824.5	819.3	815.2
12.5°	808.6	811.1	817.2	829.3	844.6	850.7	846.4	835.0	824.7	817.4
15°	798.8	801.5	810.8	829.1	851.6	866.0	865.5	850.5	834.1	822.7
17.5°	783.5	786.2	799.7	825.2	857.1	880.8	887.2	871.7	848.7	833.4
20°	755.9	758.4	777.1	812.9	858.9	896.5	913.2	899.5	870.8	850.0
22.5°	720.1	724.0	745.9	791.7	854.6	912.9	942.8	933.4	896.5	867.8
25°	681.8	685.9	711.5	765.7	843.4	924.8	977.9	971.9	925.7	889.9
27.5°	648.8	653.1	680.9	740.0	826.1	929.3	1012.5	1015.5	961.0	914.3
30°	622.8	626.9	656.5	719.2	803.8	924.8	1042.8	1063.3	997.0	935.5
32.5°	594.3	599.6	630.8	693.9	777.3	913.8	1069.3	1115.1	1038.7	958.3
35°	558.3	563.1	595.9	659.3	742.7	896.3	1091.4	1172.5	1098.4	992.9
37.5°	514.6	519.1	551.7	616.0	708.3	871.7	1108.2	1237.2	1169.5	1042.8
40°	470.6	474.9	505.5	567.7	667.0	840.2	1114.1	1300.6	1251.1	1111.4
42.5°	430.3	434.1	462.2	520.0	620.8	800.1	1106.4	1355.7	1324.3	1159.3
45°	393.1	396.5	421.4	475.4	572.7	751.4	1083.2	1415.0	1411.3	1193.5
47.5°	350.7	354.1	379.9	432.1	524.6	694.2	1043.7	1473.3	1532.3	1270.9
50°	299.0	302.0	328.4	382.2	474.7	633.3	989.0	1519.1	1685.0	1388.3
52.5°	237.7	240.9	266.6	320.4	415.4	567.9	917.0	1549.0	1861.4	1559.7
55°	176.8	179.1	201.5	249.8	342.1	493.4	826.8	1557.4	2061.5	1793.9
57.5°	128.3	129.7	144.0	180.0	259.3	400.2	717.2	1535.5	2299.6	2094.3
60°	103.9	104.4	108.7	124.7	180.3	294.9	584.8	1460.3	2558.1	2481.5
62.5°	94.3	94.3	95.5	99.8	121.9	194.6	424.6	1304.4	2835.2	2970.8
65°	87.7	87.7	88.2	90.2	96.2	124.0	268.0	1050.6	3068.8	3543.9
67.5°	81.8	82.0	81.8	82.5	85.9	91.6	155.4	725.6	3194.5	4137.8
70°	75.7	76.1	75.0	75.0	77.7	77.9	97.3	397.9	3090.2	4635.5
72.5°	68.4	69.1	67.2	66.8	68.8	67.9	73.2	191.0	2653.1	4784.1
75°	62.0	62.9	58.8	57.7	57.7	57.0	59.5	98.0	1721.9	3902.6
77.5°	56.3	58.1	51.5	47.9	46.9	44.9	48.5	59.9	753.2	1832.2
80°	46.5	49.0	42.4	38.1	36.5	34.2	38.3	41.9	224.0	425.5
82.5°	34.6	35.8	30.1	27.1	25.8	24.2	28.7	29.2	72.9	150.6
85°	22.1	22.6	18.5	16.0	15.3	14.6	18.2	16.0	27.8	110.8
87.5°	7.7	8.9	7.1	6.4	6.8	5.7	8.4	4.8	7.7	78.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

801.3
801.7
807.0
812.4
814.5
816.3
820.9
830.9
846.2
862.6
882.6
906.5
924.3
944.1
977.2
1021.9
1089.1
1130.6
1154.7
1226.3
1332.2
1490.6
1707.6
1985.6
2344.5
2787.3
3311.9
3887.3
4569.6
4957.3
4174.2
1794.2
407.5
170.2
160.9
96.9
0.0

OF REPORT)