

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: P845954

Luminaire Tested: **GLAN-SB1B-835-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P845954
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-SB1B-835-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 80 CRI, 3500K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4614 lumens
Efficiency: N/A
Efficacy: 115.9 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

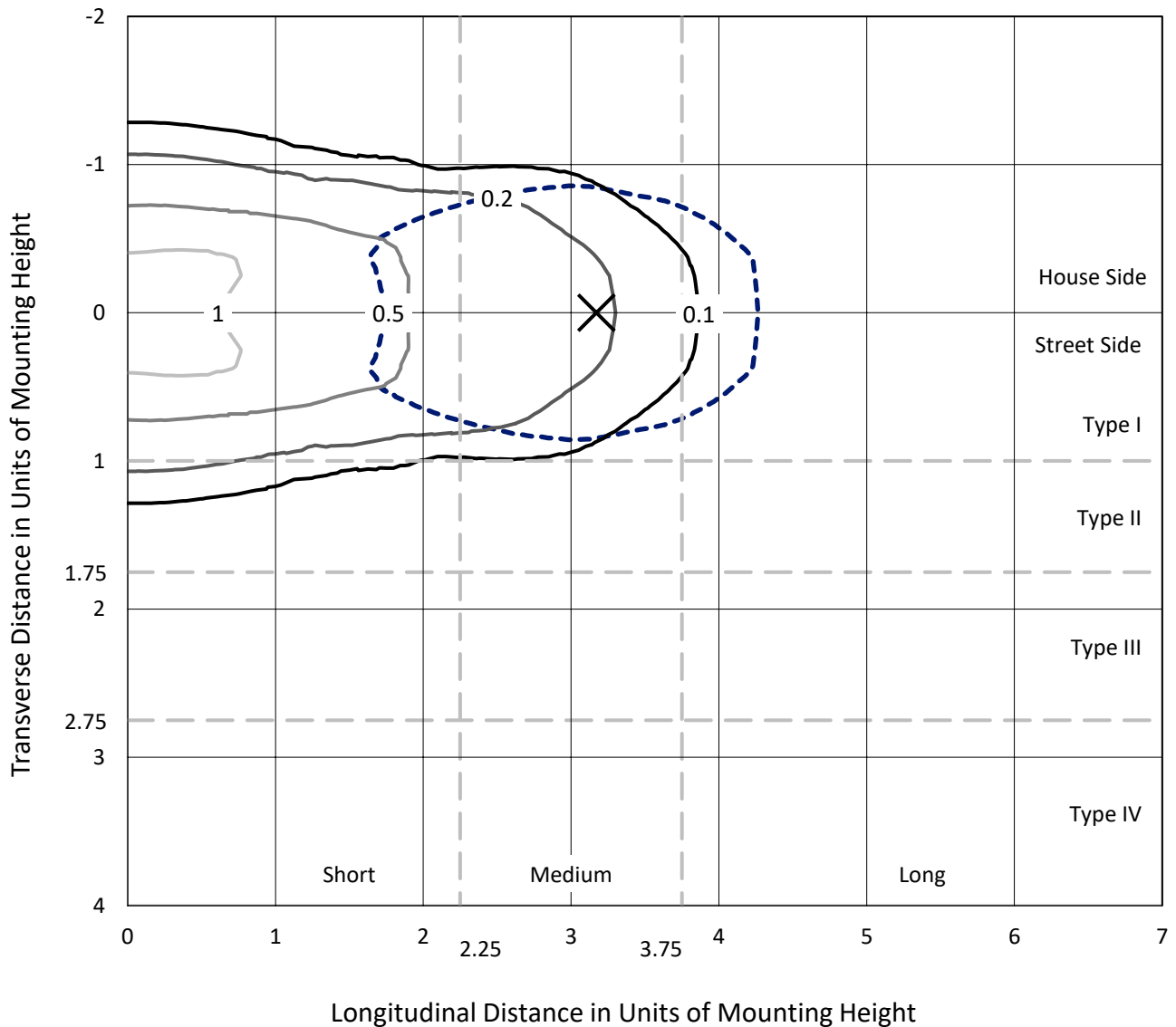
Input Watts (W): 39.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

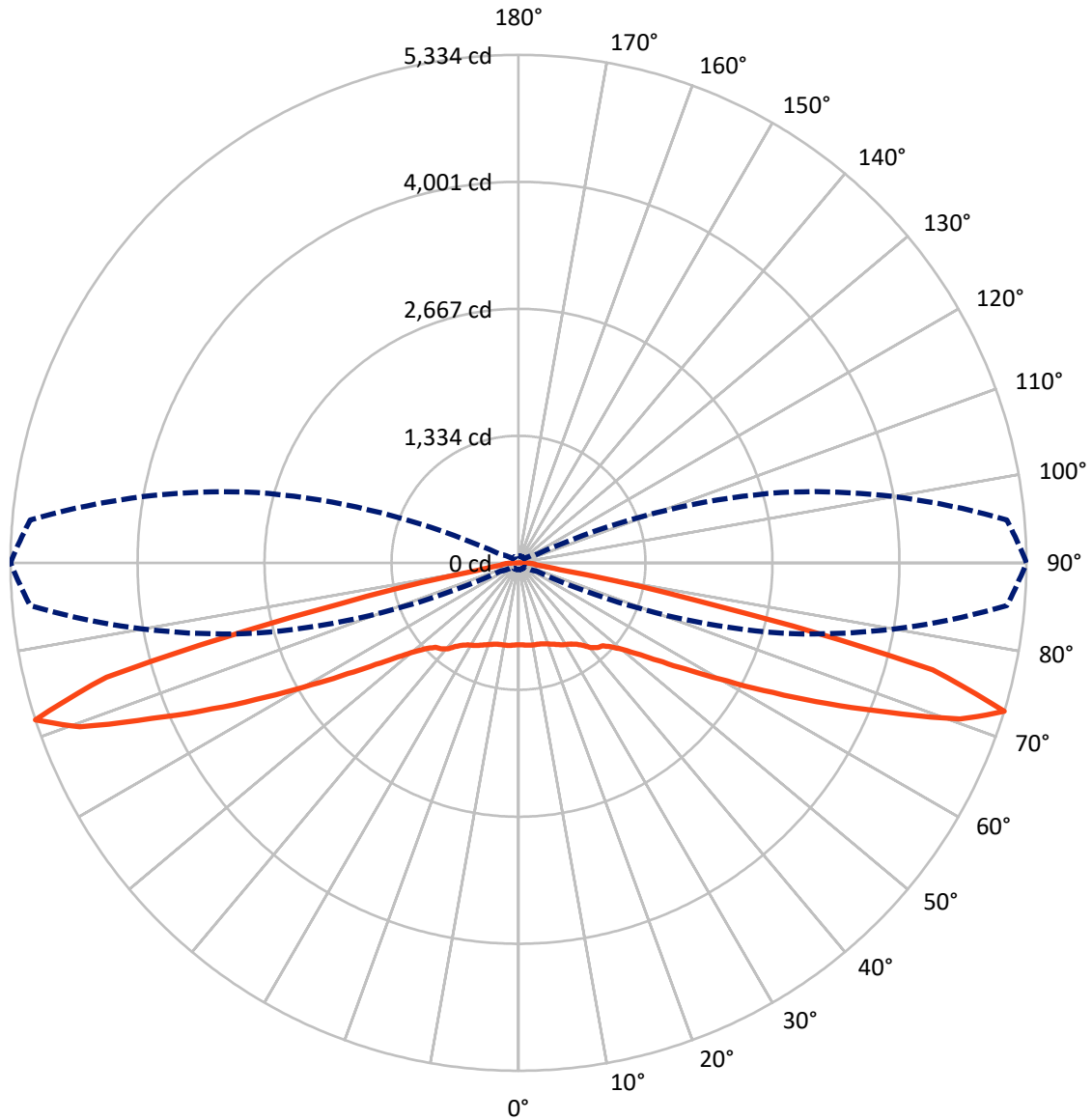
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.4 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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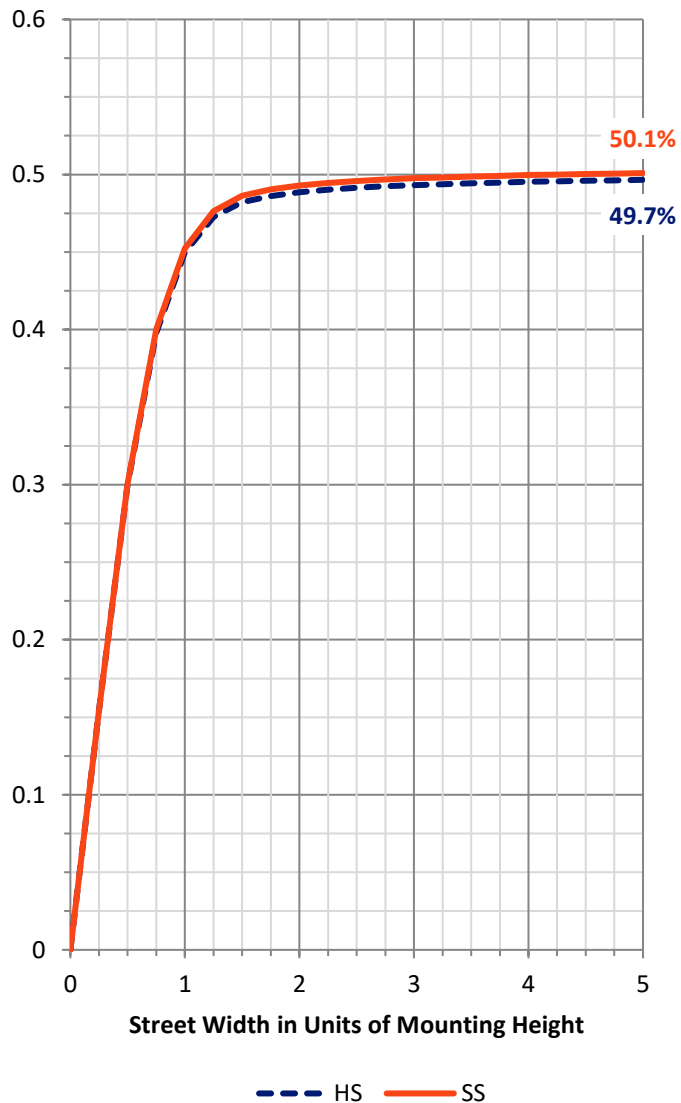
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2307.0	0.0	2307.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2307.0	0.0	2307.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	4614.0	0.0	4614.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.6	1.8
10°-20°	255.6	5.5
20°-30°	426.2	9.2
30°-40°	586.2	12.7
40°-50°	715.9	15.5
50°-60°	828.0	17.9
60°-70°	987.2	21.4
70°-80°	689.0	14.9
80°-90°	42.3	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°	4614.0	100.0
0°-180°	4614.0	100.0

Coefficient of Utilization

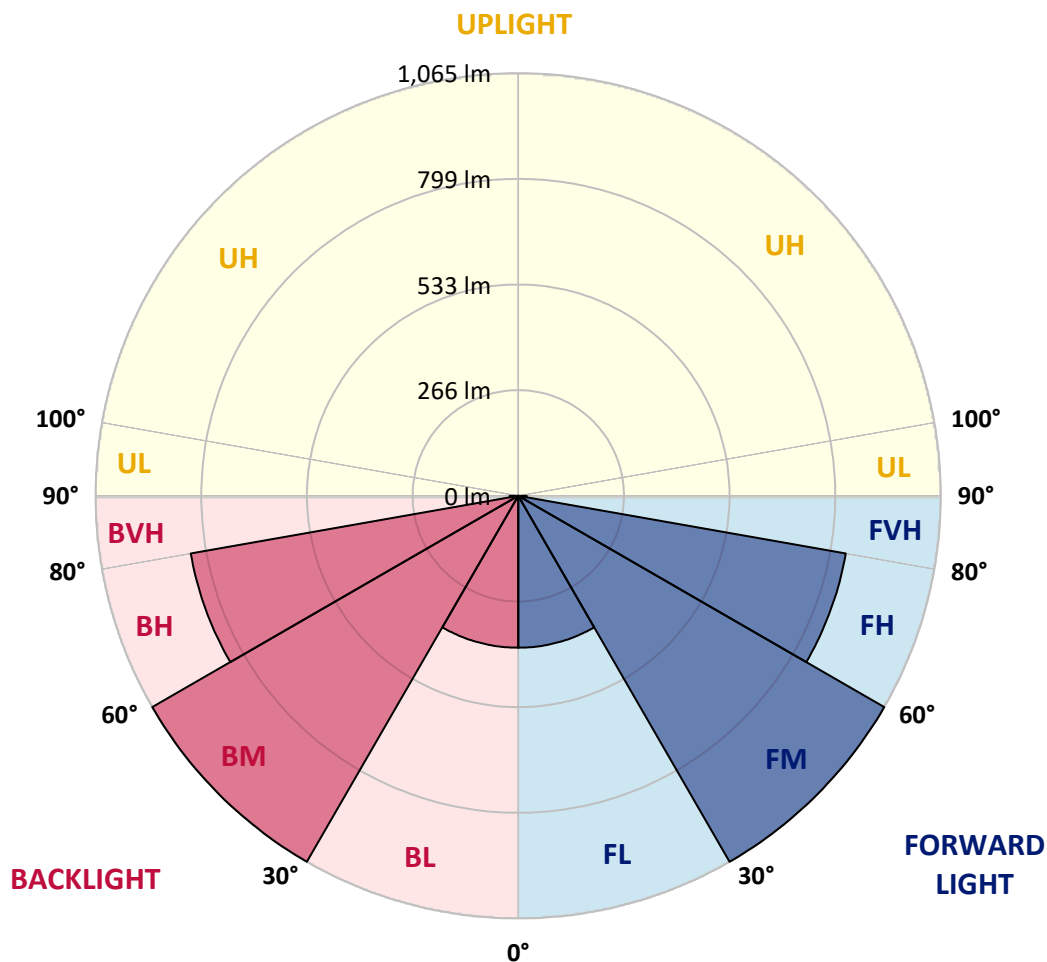


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	382.7	8.3			
FM (30°-60°)	1065.0	23.1			
FH (60°-80°)	838.1	18.2			G1/1800
FVH (80°-90°)	21.2	0.5			G1/100
BL (0°-30°)	382.7	8.3	B1/500		
BM (30°-60°)	1065.0	23.1	B2/2500		
BH (60°-80°)	838.1	18.2	B2/1000		G2/1000
BVH (80°-90°)	21.2	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°	862.2	862.2	862.2	862.2	862.2	862.2	862.2	862.2	862.2	862.2
2.5°	862.9	863.9	863.9	863.2	864.9	863.4	863.4	862.7	863.4	862.7
5°	867.3	868.6	869.0	868.8	871.0	869.8	869.8	868.8	869.0	868.3
7.5°	875.7	877.4	878.4	879.6	882.8	881.3	880.3	877.4	876.2	874.2
10°	878.4	880.3	883.5	889.9	897.2	897.5	894.5	887.2	881.5	877.1
12.5°	870.0	872.7	879.3	892.3	908.8	915.4	910.7	898.5	887.4	879.6
15°	859.5	862.4	872.5	892.1	916.4	931.8	931.3	915.1	897.5	885.2
17.5°	843.0	846.0	860.5	887.9	922.3	947.8	954.6	937.9	913.2	896.7
20°	813.4	816.1	836.2	874.7	924.2	964.7	982.6	967.9	937.0	914.7
22.5°	774.9	779.0	802.6	851.9	919.6	982.3	1014.5	1004.4	964.7	933.8
25°	733.7	738.1	765.6	823.9	907.5	995.1	1052.2	1045.8	996.1	957.6
27.5°	698.1	702.8	732.7	796.2	888.9	1000.0	1089.5	1092.7	1034.1	983.8
30°	670.2	674.6	706.5	773.9	864.9	995.1	1122.1	1144.2	1072.8	1006.6
32.5°	639.5	645.2	678.8	746.7	836.4	983.3	1150.5	1199.8	1117.7	1031.1
35°	600.8	605.9	641.2	709.4	799.2	964.4	1174.3	1261.6	1181.9	1068.4
37.5°	553.7	558.6	593.7	662.8	762.1	937.9	1192.5	1331.3	1258.4	1122.1
40°	506.4	511.0	543.9	610.8	717.7	904.1	1198.9	1399.4	1346.2	1195.9
42.5°	463.0	467.1	497.3	559.6	668.0	860.9	1190.5	1458.8	1424.9	1247.4
45°	423.0	426.7	453.4	511.5	616.2	808.5	1165.5	1522.5	1518.6	1284.2
47.5°	377.4	381.1	408.8	464.9	564.5	746.9	1123.1	1585.3	1648.8	1367.6
50°	321.7	324.9	353.4	411.2	510.8	681.5	1064.2	1634.6	1813.1	1493.8
52.5°	255.8	259.2	286.9	344.8	447.0	611.1	986.7	1666.7	2002.9	1678.2
55°	190.3	192.7	216.8	268.8	368.1	530.9	889.6	1675.8	2218.2	1930.3
57.5°	138.1	139.5	155.0	193.7	279.1	430.6	771.7	1652.3	2474.5	2253.5
60°	111.8	112.3	117.0	134.1	194.0	317.3	629.2	1571.3	2752.5	2670.1
62.5°	101.5	101.5	102.7	107.4	131.2	209.4	456.8	1403.6	3050.7	3196.6
65°	94.4	94.4	94.9	97.1	103.5	133.4	288.4	1130.4	3302.1	3813.3
67.5°	88.0	88.3	88.0	88.8	92.4	98.6	167.2	780.8	3437.4	4452.4
70°	81.4	81.9	80.7	80.7	83.6	83.9	104.7	428.1	3325.1	4987.9
72.5°	73.6	74.3	72.3	71.8	74.1	73.1	78.7	205.5	2854.8	5147.8
75°	66.7	67.7	63.3	62.0	62.0	61.3	64.0	105.4	1852.8	4199.3
77.5°	60.6	62.5	55.4	51.5	50.5	48.3	52.2	64.5	810.4	1971.5
80°	50.0	52.7	45.6	41.0	39.2	36.8	41.2	45.1	241.0	457.8
82.5°	37.3	38.5	32.4	29.2	27.7	26.0	30.9	31.4	78.5	162.1
85°	23.8	24.3	19.9	17.2	16.4	15.7	19.6	17.2	29.9	119.2
87.5°	8.3	9.6	7.6	6.9	7.4	6.1	9.1	5.1	8.3	84.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
862.2
862.7
868.3
874.2
876.4
878.4
883.3
894.1
910.5
928.1
949.7
975.5
994.6
1015.9
1051.5
1099.5
1171.9
1216.5
1242.5
1319.5
1433.5
1603.9
1837.4
2136.6
2522.8
2999.2
3563.7
4182.9
4917.0
5334.2
4491.6
1930.6
438.4
183.2
173.1
104.2
0.0

OF REPORT)