

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: P845784

Luminaire Tested: **GLAN-SB1A-835-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P845784
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-835-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 80 CRI, 3500K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3675 lumens
Efficiency: N/A
Efficacy: 118.9 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

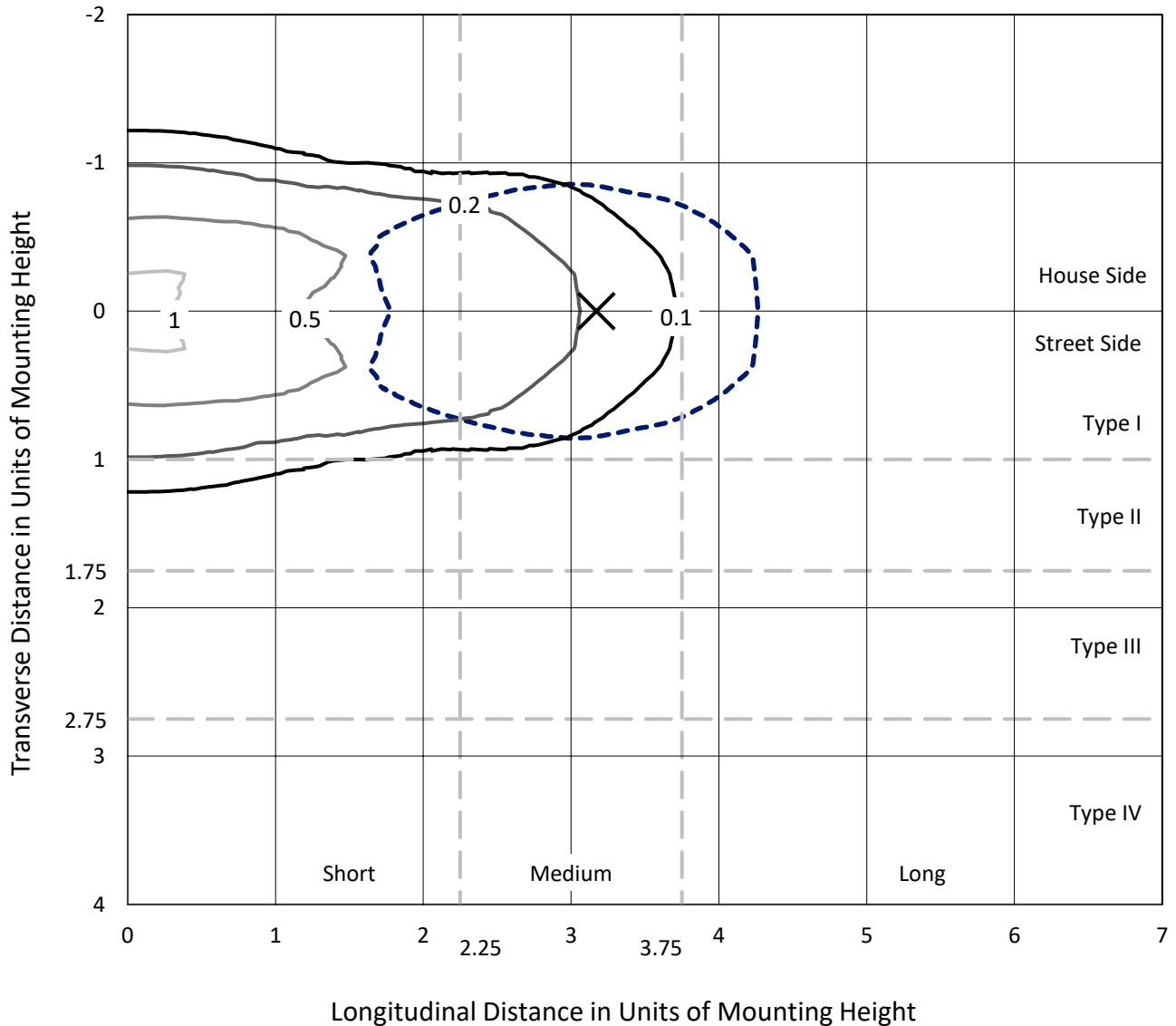
Input Watts (W): 30.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

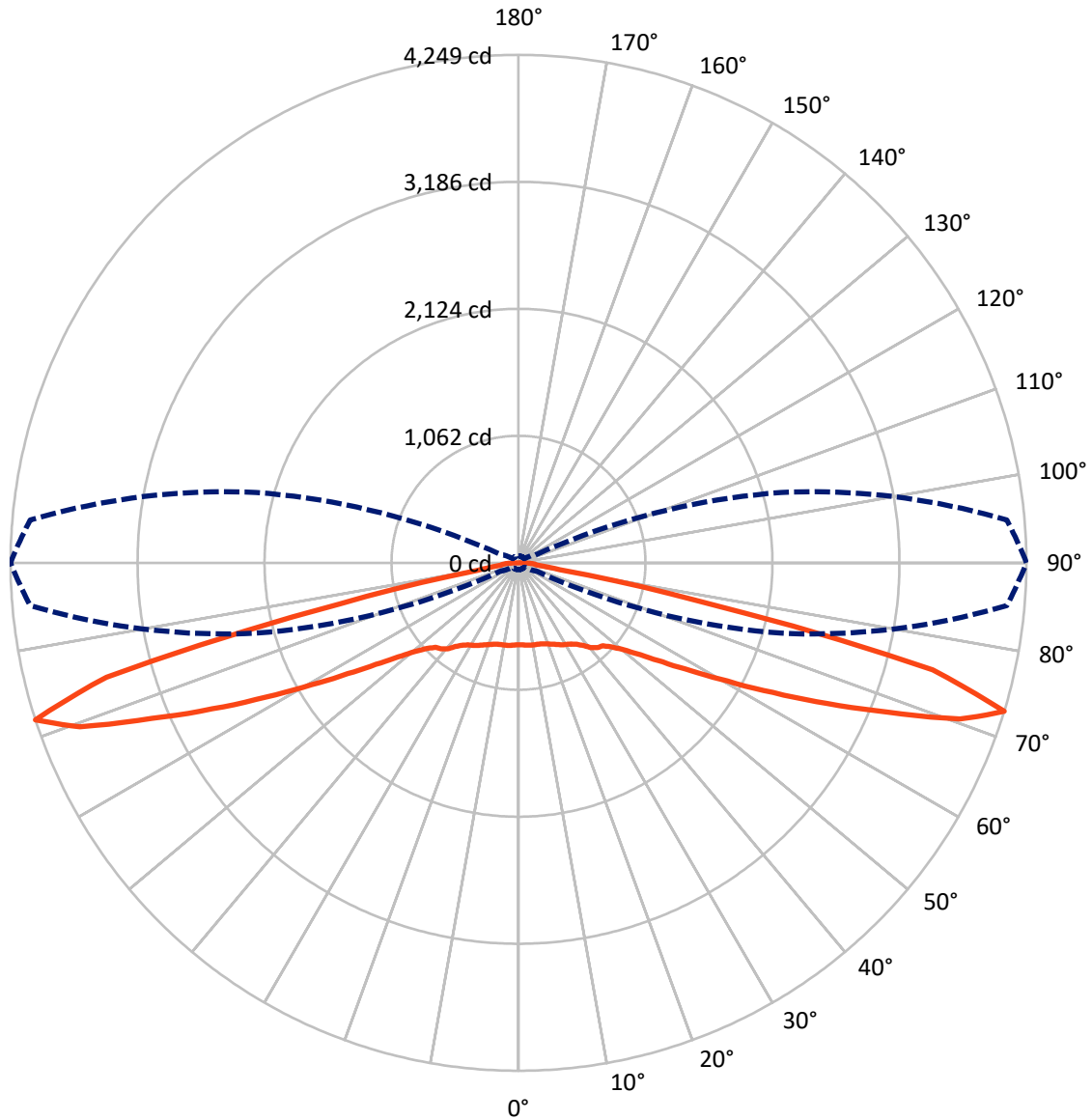
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.1 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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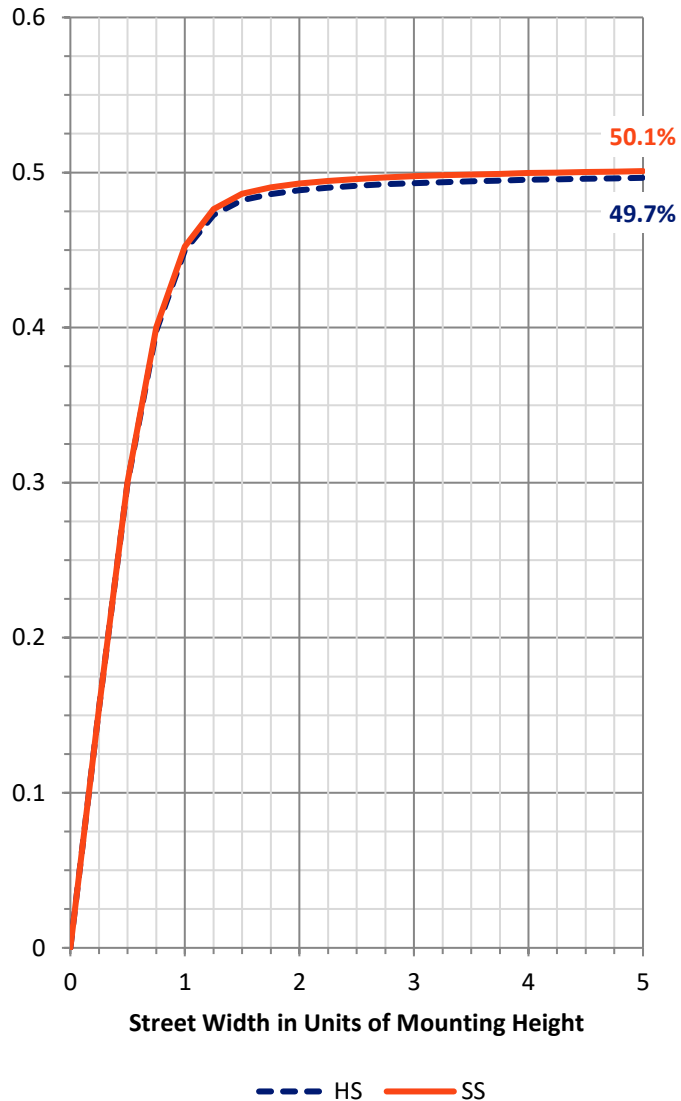
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1837.5	0.0	1837.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1837.5	0.0	1837.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	3675.0	0.0	3675.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.6	1.8
10°-20°	203.6	5.5
20°-30°	339.5	9.2
30°-40°	466.9	12.7
40°-50°	570.2	15.5
50°-60°	659.5	17.9
60°-70°	786.3	21.4
70°-80°	548.8	14.9
80°-90°	33.7	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°	3675.0	100.0
0°-180°	3675.0	100.0

Coefficient of Utilization

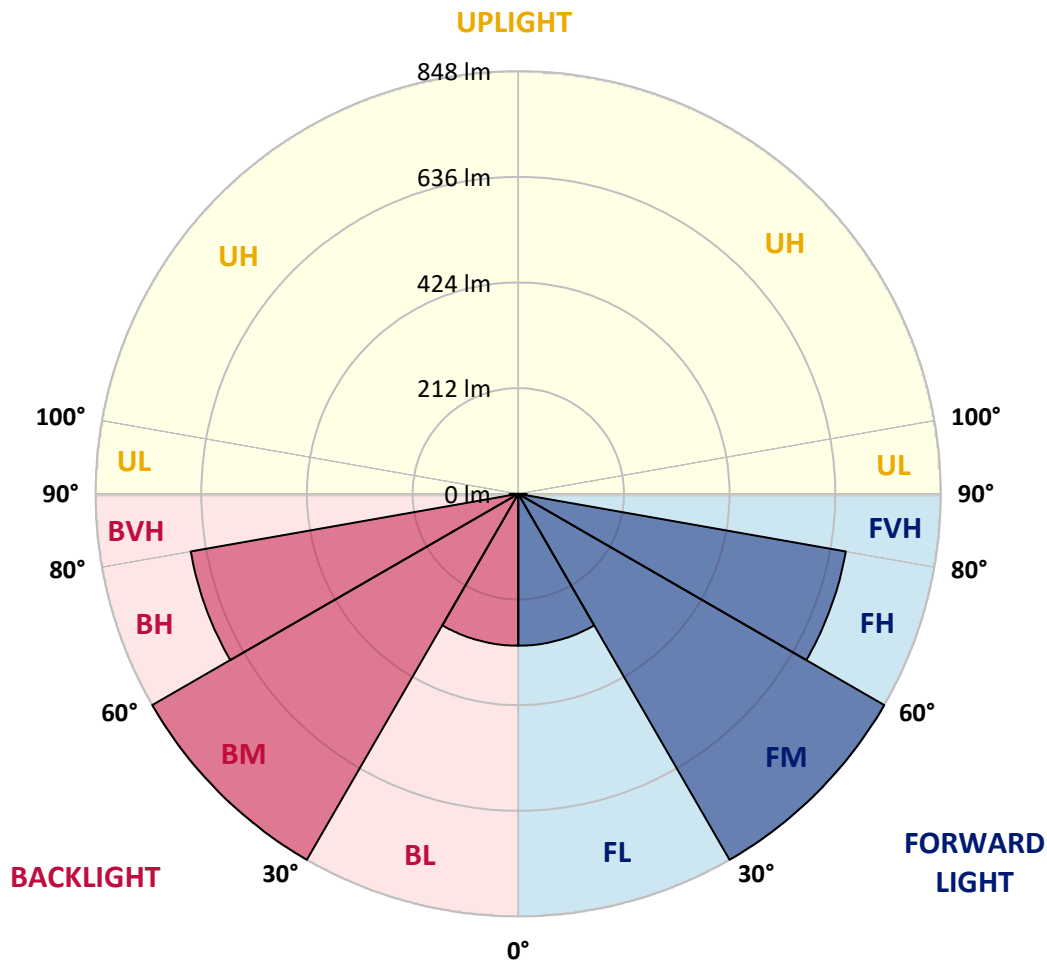


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	304.8	8.3			
FM (30°-60°)	848.3	23.1			
FH (60°-80°)	667.6	18.2			G1/1800
FVH (80°-90°)	16.9	0.5			G1/100
BL (0°-30°)	304.8	8.3	B1/500		
BM (30°-60°)	848.3	23.1	B1/1000		
BH (60°-80°)	667.6	18.2	B2/1000		G2/1000
BVH (80°-90°)	16.9	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°	686.7	686.7	686.7	686.7	686.7	686.7	686.7	686.7	686.7	686.7
2.5°	687.3	688.1	688.1	687.5	688.9	687.7	687.7	687.1	687.7	687.1
5°	690.8	691.8	692.2	692.0	693.7	692.8	692.8	692.0	692.2	691.6
7.5°	697.5	698.8	699.6	700.6	703.1	701.9	701.2	698.8	697.8	696.3
10°	699.6	701.2	703.7	708.8	714.6	714.8	712.5	706.6	702.1	698.6
12.5°	693.0	695.1	700.4	710.7	723.8	729.1	725.4	715.6	706.8	700.6
15°	684.6	686.9	694.9	710.5	729.9	742.2	741.8	728.9	714.8	705.1
17.5°	671.5	673.8	685.3	707.2	734.6	754.9	760.3	747.1	727.3	714.3
20°	647.8	650.0	666.0	696.7	736.1	768.4	782.6	770.9	746.3	728.5
22.5°	617.2	620.5	639.3	678.5	732.4	782.4	808.0	800.0	768.4	743.7
25°	584.4	587.9	609.8	656.2	722.8	792.6	838.1	833.0	793.4	762.7
27.5°	556.0	559.8	583.6	634.2	708.0	796.5	867.8	870.3	823.6	783.6
30°	533.8	537.3	562.7	616.4	688.9	792.6	893.7	911.3	854.5	801.8
32.5°	509.4	513.9	540.6	594.7	666.2	783.2	916.4	955.7	890.2	821.3
35°	478.5	482.6	510.7	565.0	636.5	768.2	935.3	1004.9	941.4	851.0
37.5°	441.0	444.9	472.8	527.9	607.0	747.1	949.8	1060.3	1002.3	893.7
40°	403.3	407.0	433.2	486.5	571.7	720.1	954.9	1114.6	1072.3	952.5
42.5°	368.7	372.1	396.1	445.7	532.0	685.7	948.2	1161.9	1135.0	993.5
45°	336.9	339.8	361.1	407.4	490.8	643.9	928.3	1212.7	1209.6	1022.8
47.5°	300.6	303.5	325.6	370.3	449.6	594.9	894.5	1262.7	1313.3	1089.2
50°	256.2	258.8	281.4	327.5	406.8	542.8	847.6	1301.9	1444.1	1189.8
52.5°	203.7	206.4	228.5	274.6	356.1	486.7	785.9	1327.5	1595.3	1336.7
55°	151.6	153.5	172.7	214.1	293.2	422.8	708.6	1334.8	1766.8	1537.5
57.5°	110.0	111.1	123.4	154.3	222.3	343.0	614.6	1316.0	1970.9	1794.9
60°	89.1	89.5	93.2	106.8	154.5	252.7	501.2	1251.6	2192.4	2126.7
62.5°	80.9	80.9	81.8	85.5	104.5	166.8	363.9	1118.0	2429.9	2546.1
65°	75.2	75.2	75.6	77.3	82.4	106.2	229.7	900.4	2630.1	3037.3
67.5°	70.1	70.3	70.1	70.7	73.6	78.5	133.2	621.9	2737.9	3546.3
70°	64.8	65.2	64.3	64.3	66.6	66.8	83.4	341.0	2648.4	3972.8
72.5°	58.6	59.2	57.6	57.2	59.0	58.2	62.7	163.7	2273.8	4100.2
75°	53.1	53.9	50.4	49.4	49.4	48.8	51.0	84.0	1475.8	3344.7
77.5°	48.2	49.8	44.1	41.0	40.2	38.5	41.6	51.4	645.5	1570.3
80°	39.8	42.0	36.3	32.6	31.2	29.3	32.8	35.9	192.0	364.6
82.5°	29.7	30.7	25.8	23.2	22.1	20.7	24.6	25.0	62.5	129.1
85°	18.9	19.3	15.8	13.7	13.1	12.5	15.6	13.7	23.8	94.9
87.5°	6.6	7.6	6.1	5.5	5.9	4.9	7.2	4.1	6.6	67.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

686.7
687.1
691.6
696.3
698.0
699.6
703.5
712.1
725.2
739.3
756.4
776.9
792.2
809.2
837.5
875.8
933.4
968.9
989.6
1051.0
1141.8
1277.5
1463.5
1701.7
2009.4
2388.8
2838.5
3331.6
3916.4
4248.6
3577.5
1537.7
349.2
145.9
137.9
83.0
0.0

OF REPORT)