

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: P847524

Luminaire Tested: **GLAN-SB3C-930-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847524
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-SB3C-930-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14997 lumens
Efficiency: N/A
Efficacy: 100.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B4 - U0 - G4

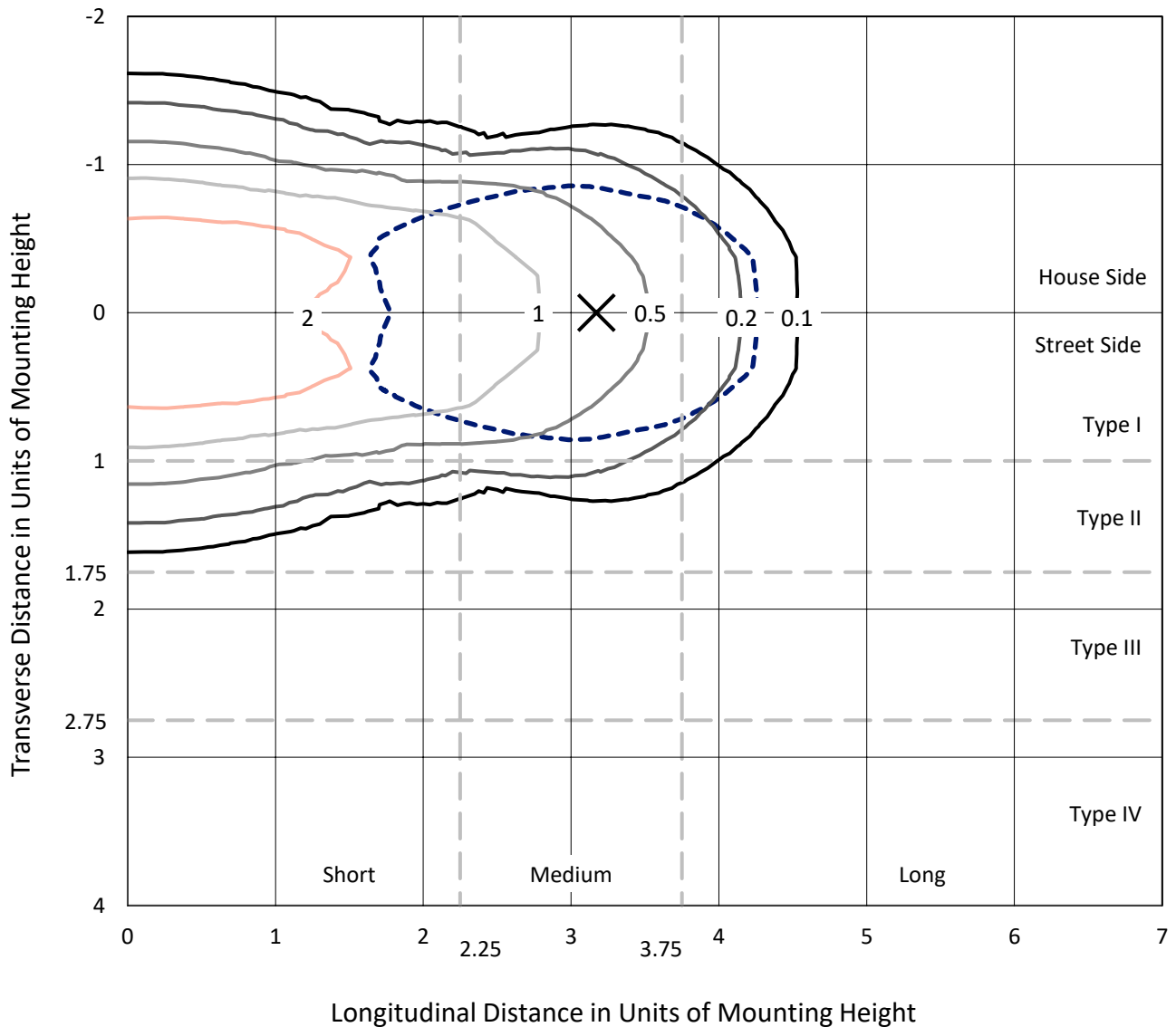
Input Watts (W): 149.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P847524
 CATALOG NUMBER: GLAN-SB3C-930-U-T1

Iso-Footcandle Lines of Horizontal Illumination

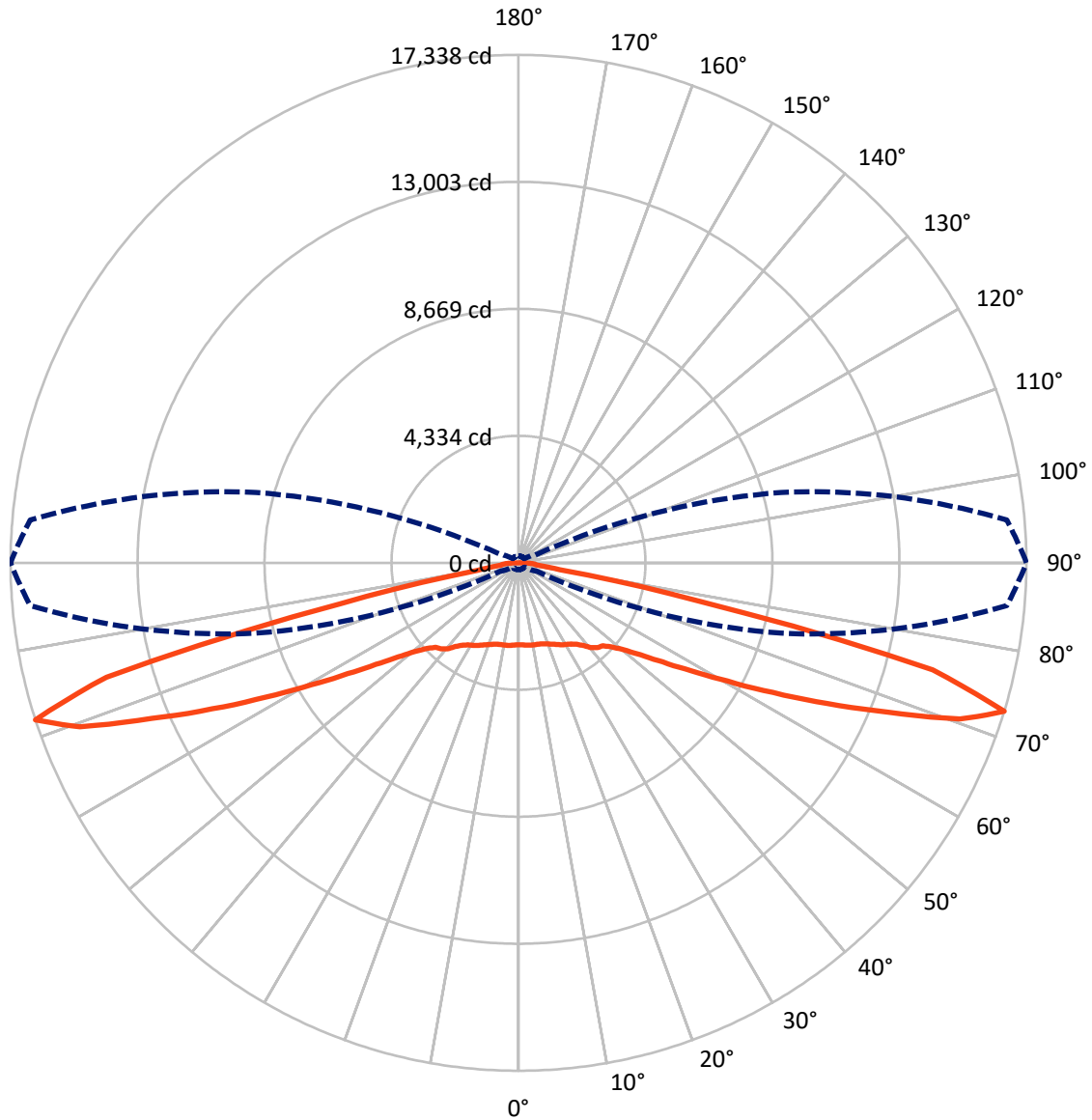
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.5 fc
 Type I - Short - N/A

REPORT NUMBER: P847524
CATALOG NUMBER: GLAN-SB3C-930-U-T1

Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

REPORT NUMBER: P847524
 CATALOG NUMBER: GLAN-SB3C-930-U-T1

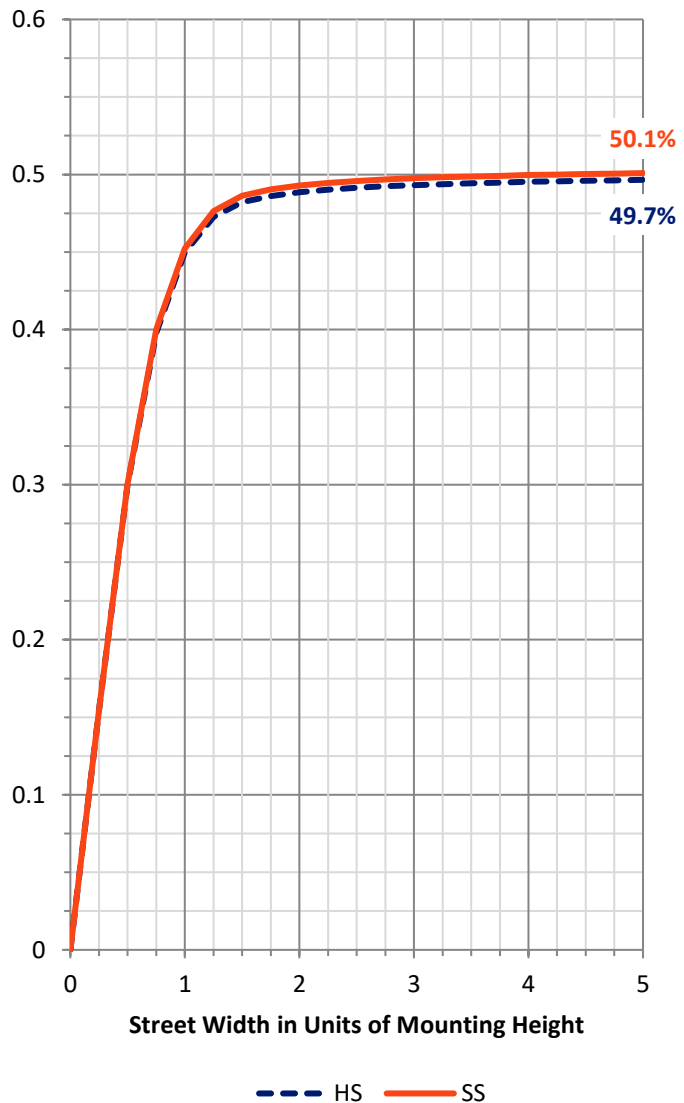
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7498.5	0.0	7498.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	7498.5	0.0	7498.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	14997.0	0.0	14997.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	271.7	1.8
10°-20°	830.8	5.5
20°-30°	1385.3	9.2
30°-40°	1905.2	12.7
40°-50°	2326.8	15.5
50°-60°	2691.2	17.9
60°-70°	3208.8	21.4
70°-80°	2239.5	14.9
80°-90°	137.6	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°	14997.0	100.0
0°-180°	14997.0	100.0

Coefficient of Utilization

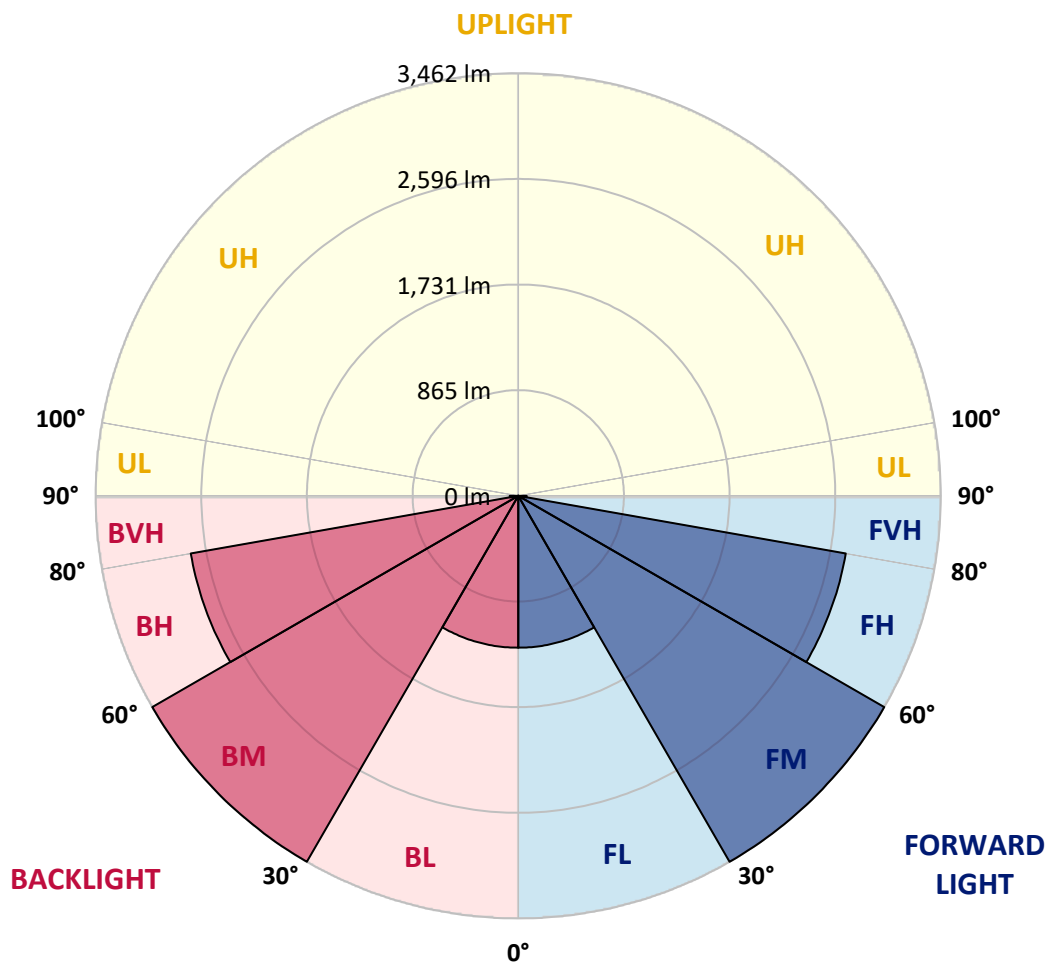


REPORT NUMBER: P847524
 CATALOG NUMBER: GLAN-SB3C-930-U-T1

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1243.9	8.3			
FM (30°-60°)	3461.6	23.1			
FH (60°-80°)	2724.2	18.2			G2/5000
FVH (80°-90°)	68.8	0.5			G1/100
BL (0°-30°)	1243.9	8.3	B3/2500		
BM (30°-60°)	3461.6	23.1	B3/5000		
BH (60°-80°)	2724.2	18.2	B4/5000		G4/5000
BVH (80°-90°)	68.8	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



REPORT NUMBER: P847524

CATALOG NUMBER: GLAN-SB3C-930-U-T1

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2802.3	2802.3	2802.3	2802.3	2802.3	2802.3	2802.3	2802.3	2802.3	2802.3
2.5°	2804.7	2807.9	2807.9	2805.5	2811.1	2806.3	2806.3	2803.9	2806.3	2803.9
5°	2819.1	2823.1	2824.7	2823.9	2831.0	2827.1	2827.1	2823.9	2824.7	2822.3
7.5°	2846.2	2851.8	2855.0	2858.9	2869.3	2864.5	2861.3	2851.8	2847.8	2841.4
10°	2855.0	2861.3	2871.7	2892.4	2916.3	2917.1	2907.6	2883.6	2865.3	2851.0
12.5°	2827.9	2836.6	2858.1	2900.4	2953.8	2975.3	2960.2	2920.3	2884.4	2858.9
15°	2793.6	2803.1	2835.8	2899.6	2978.5	3028.7	3027.1	2974.5	2917.1	2877.3
17.5°	2740.2	2749.7	2796.8	2886.0	2997.6	3080.5	3102.8	3048.6	2968.1	2914.7
20°	2643.7	2652.5	2717.9	2843.0	3004.0	3135.5	3193.7	3145.9	3045.4	2972.9
22.5°	2518.6	2532.2	2608.7	2768.9	2988.9	3192.9	3297.3	3264.6	3135.5	3035.1
25°	2384.7	2399.1	2488.3	2678.0	2949.8	3234.3	3420.0	3399.3	3237.5	3112.4
27.5°	2269.1	2284.3	2381.5	2587.9	2889.2	3250.3	3541.2	3551.6	3361.1	3197.7
30°	2178.3	2192.6	2296.2	2515.4	2811.1	3234.3	3647.2	3718.9	3487.0	3271.8
32.5°	2078.6	2097.0	2206.2	2426.9	2718.7	3196.1	3739.7	3899.9	3632.9	3351.5
35°	1952.7	1969.5	2084.2	2305.8	2597.5	3134.7	3817.0	4100.7	3841.7	3472.6
37.5°	1799.7	1815.6	1929.6	2154.4	2477.2	3048.6	3875.9	4327.1	4090.3	3647.2
40°	1645.9	1661.0	1767.8	1985.4	2332.9	2938.6	3896.7	4548.6	4375.7	3887.1
42.5°	1504.8	1518.3	1616.4	1818.8	2171.1	2798.4	3869.6	4741.5	4631.5	4054.5
45°	1374.9	1386.8	1473.7	1662.6	2002.9	2627.8	3788.3	4948.7	4936.0	4174.0
47.5°	1226.6	1238.6	1328.6	1511.2	1834.8	2427.7	3650.4	5152.8	5359.2	4445.0
50°	1045.7	1056.1	1148.5	1336.6	1660.2	2214.9	3459.1	5313.0	5893.2	4855.5
52.5°	831.3	842.5	932.5	1120.6	1453.0	1986.2	3207.2	5417.4	6510.1	5454.9
55°	618.5	626.5	704.6	873.5	1196.3	1725.6	2891.6	5446.9	7209.9	6274.2
57.5°	448.7	453.5	503.7	629.7	907.0	1399.6	2508.2	5370.4	8042.8	7324.7
60°	363.4	365.0	380.2	436.0	630.4	1031.4	2045.2	5107.4	8946.6	8678.8
62.5°	330.0	330.0	334.0	349.1	426.4	680.7	1484.9	4562.2	9915.8	10390.0
65°	306.9	306.9	308.4	315.6	336.3	433.6	937.3	3674.3	10732.8	12394.6
67.5°	286.1	286.9	286.1	288.5	300.5	320.4	543.6	2537.7	11172.7	14471.6
70°	264.6	266.2	262.2	262.2	271.8	272.6	340.3	1391.6	10807.7	16212.3
72.5°	239.1	241.5	235.1	233.5	240.7	237.5	255.8	667.9	9279.0	16732.0
75°	216.8	220.0	205.6	201.6	201.6	199.3	208.0	342.7	6022.3	13649.1
77.5°	196.9	203.2	180.1	167.4	164.2	157.0	169.8	209.6	2634.2	6408.1
80°	162.6	171.4	148.2	133.1	127.5	119.6	133.9	146.7	783.5	1488.0
82.5°	121.1	125.1	105.2	94.8	90.1	84.5	100.4	102.0	255.0	526.8
85°	77.3	78.9	64.6	55.8	53.4	51.0	63.8	55.8	97.2	387.4
87.5°	27.1	31.1	24.7	22.3	23.9	19.9	29.5	16.7	27.1	273.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

2802.3
2803.9
2822.3
2841.4
2848.6
2855.0
2870.9
2906.0
2959.4
3016.7
3086.9
3170.6
3232.7
3302.1
3417.7
3573.9
3809.0
3954.1
4038.5
4288.8
4659.4
5213.4
5972.1
6944.5
8199.8
9748.4
11583.2
13595.7
15982.0
17337.7
14599.1
6275.0
1425.1
595.4
562.7
338.7
0.0

OF REPORT)