

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: P847514

Luminaire Tested: **GLAN-SB3C-927-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847514
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-927-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14315 lumens
Efficiency: N/A
Efficacy: 96.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B4 - U0 - G4

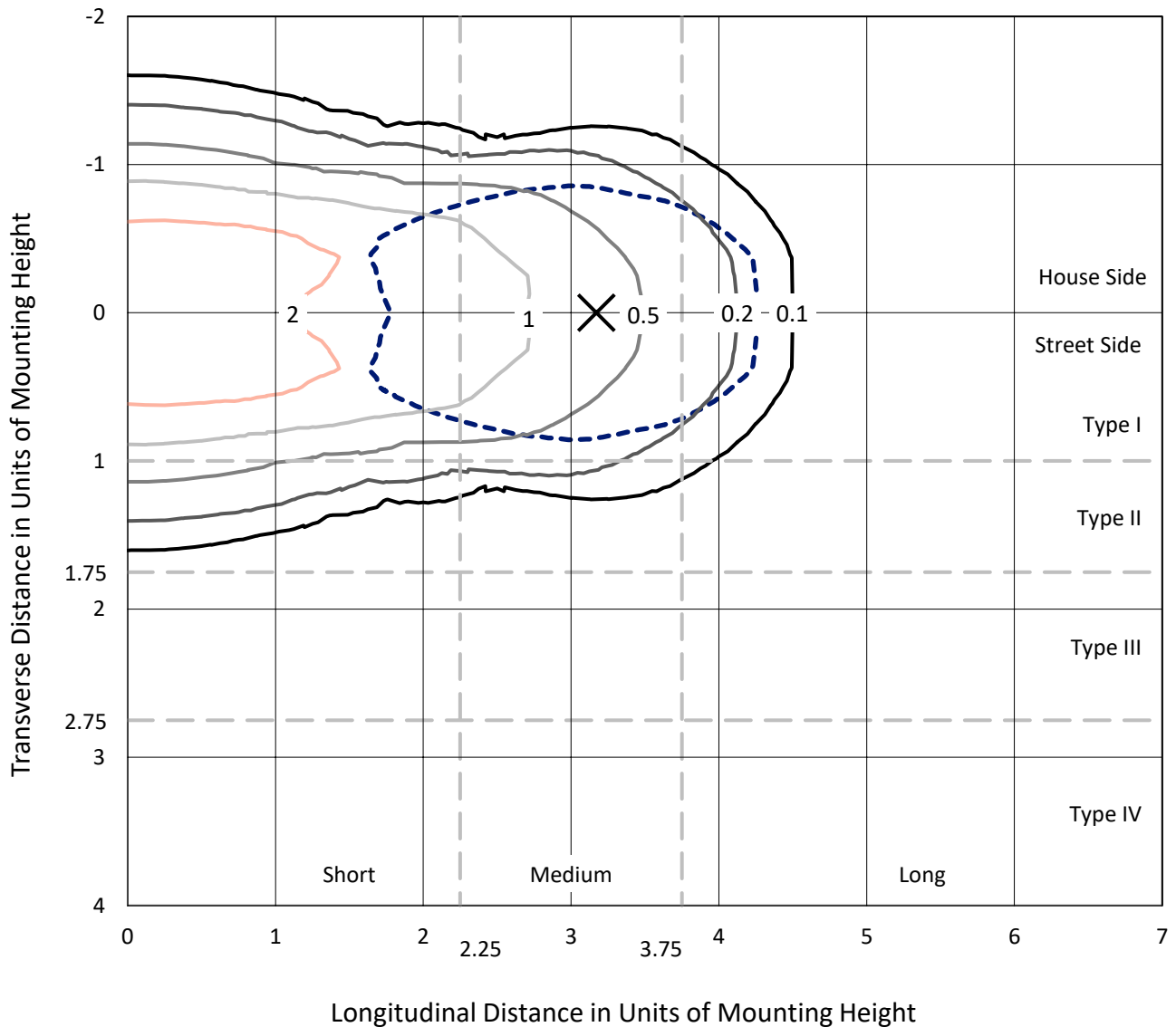
Input Watts (W): 149.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P847514
 CATALOG NUMBER: GLAN-SB3C-927-U-T1

Iso-Footcandle Lines of Horizontal Illumination

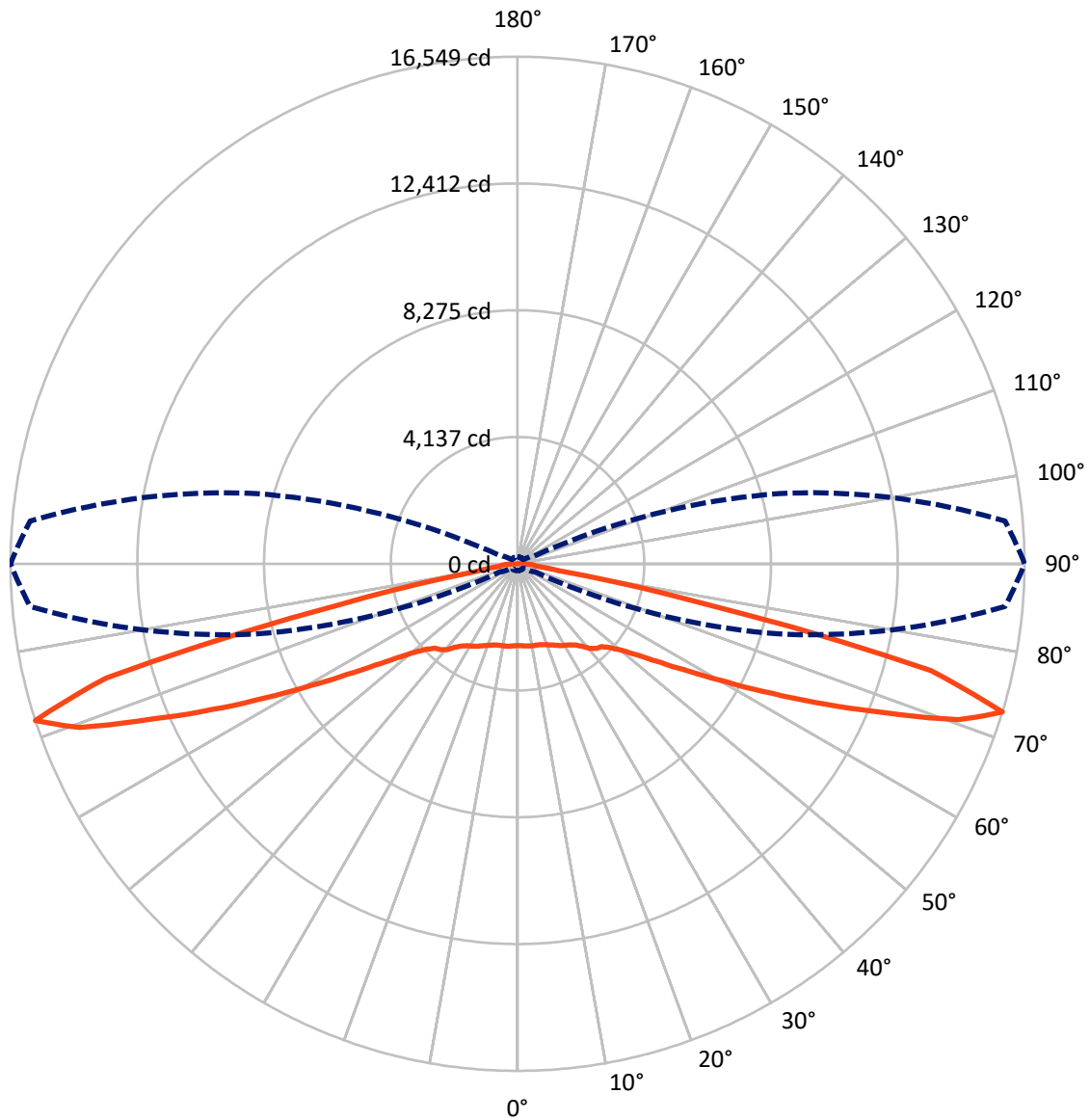
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.3 fc
 Type I - Short - N/A

REPORT NUMBER: P847514
CATALOG NUMBER: GLAN-SB3C-927-U-T1

Luminous Intensity Polar Plot



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

REPORT NUMBER: P847514
 CATALOG NUMBER: GLAN-SB3C-927-U-T1

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7157.5	0.0	7157.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	7157.5	0.0	7157.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	14315.0	0.0	14315.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	259.4	1.8
10°-20°	793.0	5.5
20°-30°	1322.3	9.2
30°-40°	1818.6	12.7
40°-50°	2221.0	15.5
50°-60°	2568.8	17.9
60°-70°	3062.9	21.4
70°-80°	2137.7	14.9
80°-90°	131.3	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°	14315.0	100.0
0°-180°	14315.0	100.0

Coefficient of Utilization

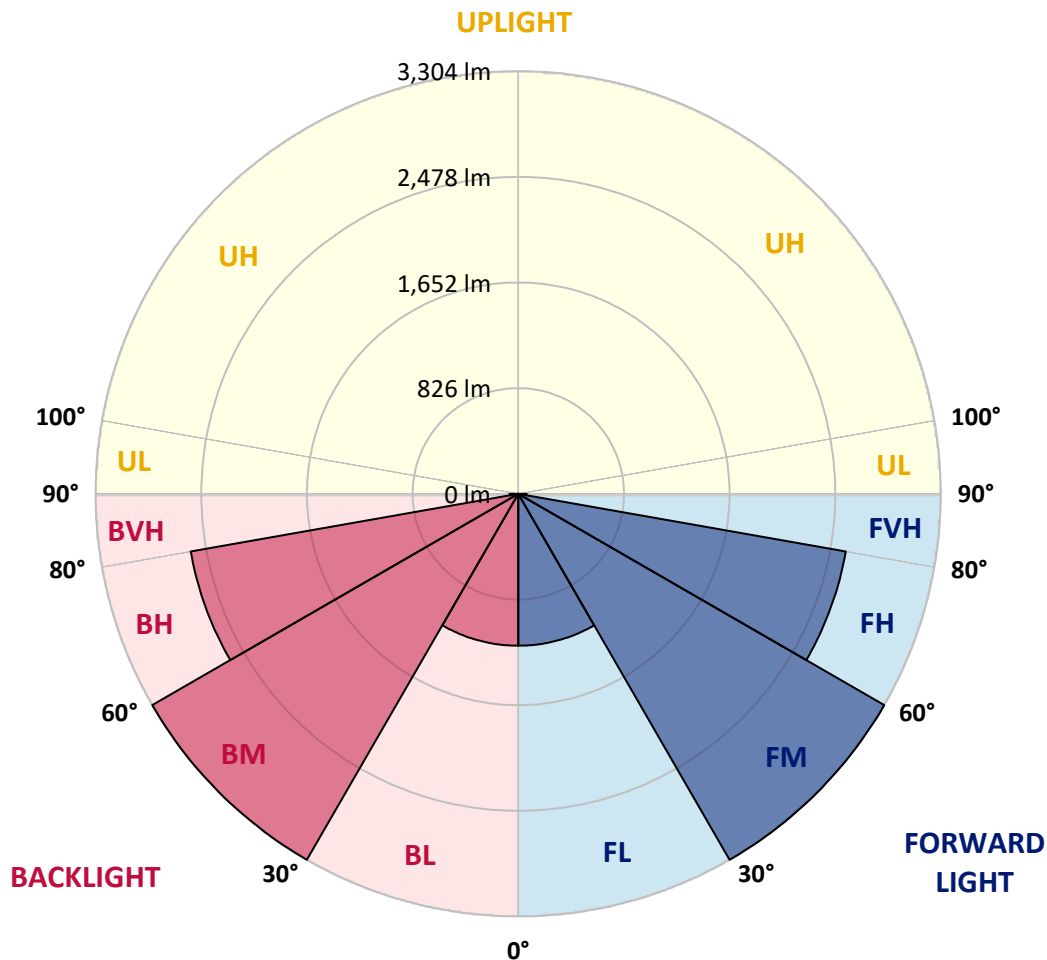


REPORT NUMBER: P847514
 CATALOG NUMBER: GLAN-SB3C-927-U-T1

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1187.4	8.3			
FM (30°-60°)	3304.2	23.1			
FH (60°-80°)	2600.3	18.2			G2/5000
FVH (80°-90°)	65.7	0.5			G1/100
BL (0°-30°)	1187.4	8.3	B3/2500		
BM (30°-60°)	3304.2	23.1	B3/5000		
BH (60°-80°)	2600.3	18.2	B4/5000		G4/5000
BVH (80°-90°)	65.7	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G4
 Type I Short



REPORT NUMBER: P847514
 CATALOG NUMBER: GLAN-SB3C-927-U-T1

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2674.9	2674.9	2674.9	2674.9	2674.9	2674.9	2674.9	2674.9	2674.9	2674.9
2.5°	2677.2	2680.2	2680.2	2678.0	2683.3	2678.7	2678.7	2676.4	2678.7	2676.4
5°	2690.9	2694.7	2696.2	2695.4	2702.3	2698.5	2698.5	2695.4	2696.2	2693.9
7.5°	2716.8	2722.1	2725.1	2728.9	2738.8	2734.2	2731.2	2722.1	2718.3	2712.2
10°	2725.1	2731.2	2741.1	2760.9	2783.7	2784.5	2775.3	2752.5	2735.0	2721.3
12.5°	2699.3	2707.6	2728.2	2768.5	2819.5	2840.0	2825.5	2787.5	2753.3	2728.9
15°	2666.5	2675.7	2706.9	2767.7	2843.0	2891.0	2889.4	2839.2	2784.5	2746.4
17.5°	2615.6	2624.7	2669.6	2754.8	2861.3	2940.4	2961.7	2910.0	2833.2	2782.2
20°	2523.5	2531.9	2594.3	2713.7	2867.4	2992.9	3048.5	3002.8	2906.9	2837.7
22.5°	2404.1	2417.0	2490.0	2643.0	2852.9	3047.7	3147.4	3116.2	2992.9	2897.1
25°	2276.3	2290.0	2375.2	2556.2	2815.7	3087.3	3264.5	3244.7	3090.3	2970.9
27.5°	2165.9	2180.4	2273.2	2470.3	2757.8	3102.5	3380.2	3390.0	3208.2	3052.3
30°	2079.2	2092.9	2191.8	2401.0	2683.3	3087.3	3481.3	3549.8	3328.4	3123.0
32.5°	1984.1	2001.6	2105.8	2316.6	2595.0	3050.7	3569.6	3722.5	3467.6	3199.1
35°	1863.9	1879.9	1989.4	2200.9	2479.4	2992.2	3643.4	3914.2	3667.0	3314.7
37.5°	1717.8	1733.1	1841.9	2056.4	2364.5	2910.0	3699.7	4130.3	3904.3	3481.3
40°	1571.0	1585.5	1687.4	1895.1	2226.8	2805.0	3719.5	4341.8	4176.7	3710.3
42.5°	1436.4	1449.3	1542.9	1736.1	2072.4	2671.1	3693.6	4525.9	4420.9	3870.1
45°	1312.3	1323.8	1406.7	1587.0	1911.8	2508.3	3616.0	4723.7	4711.5	3984.2
47.5°	1170.8	1182.3	1268.2	1442.4	1751.3	2317.3	3484.4	4918.5	5115.5	4242.9
50°	998.1	1008.0	1096.3	1275.8	1584.7	2114.2	3301.8	5071.4	5625.2	4634.7
52.5°	793.5	804.1	890.1	1069.7	1386.9	1895.9	3061.4	5171.0	6214.1	5206.8
55°	590.4	598.0	672.5	833.8	1141.9	1647.1	2760.1	5199.2	6882.0	5988.9
57.5°	428.3	432.9	480.8	601.0	865.8	1335.9	2394.2	5126.1	7677.0	6991.6
60°	346.9	348.4	362.9	416.1	601.8	984.5	1952.2	4875.1	8539.8	8284.2
62.5°	315.0	315.0	318.8	333.2	407.0	649.7	1417.3	4354.7	9464.9	9917.6
65°	292.9	292.9	294.4	301.3	321.0	413.9	894.7	3507.2	10244.7	11830.9
67.5°	273.1	273.9	273.1	275.4	286.8	305.8	518.9	2422.3	10664.6	13813.5
70°	252.6	254.1	250.3	250.3	259.4	260.2	324.9	1328.3	10316.2	15475.1
72.5°	228.2	230.5	224.4	222.9	229.8	226.7	244.2	637.5	8857.0	15971.1
75°	206.9	210.0	196.3	192.5	192.5	190.2	198.6	327.1	5748.5	13028.4
77.5°	187.9	194.0	171.9	159.8	156.7	149.9	162.0	200.1	2514.4	6116.7
80°	155.2	163.6	141.5	127.1	121.7	114.1	127.8	140.0	747.8	1420.4
82.5°	115.6	119.4	100.4	90.5	86.0	80.6	95.9	97.4	243.5	502.9
85°	73.8	75.3	61.6	53.3	51.0	48.7	60.9	53.3	92.8	369.7
87.5°	25.9	29.7	23.6	21.3	22.8	19.0	28.1	16.0	25.9	260.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

2674.9
2676.4
2693.9
2712.2
2719.0
2725.1
2740.3
2773.8
2824.8
2879.6
2946.5
3026.4
3085.7
3151.9
3262.2
3411.3
3635.8
3774.2
3854.9
4093.8
4447.5
4976.3
5700.5
6628.7
7826.9
9305.1
11056.4
12977.4
15255.2
16549.3
13935.2
5989.6
1360.3
568.3
537.1
323.3
0.0

OF REPORT)