

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: P845984

Luminaire Tested: **GLAN-SB1B-927-U-T1**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P845984  
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-927-U-T1  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 90 CRI, 2700K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE I OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3589 lumens  
Efficiency: N/A  
Efficacy: 90.2 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

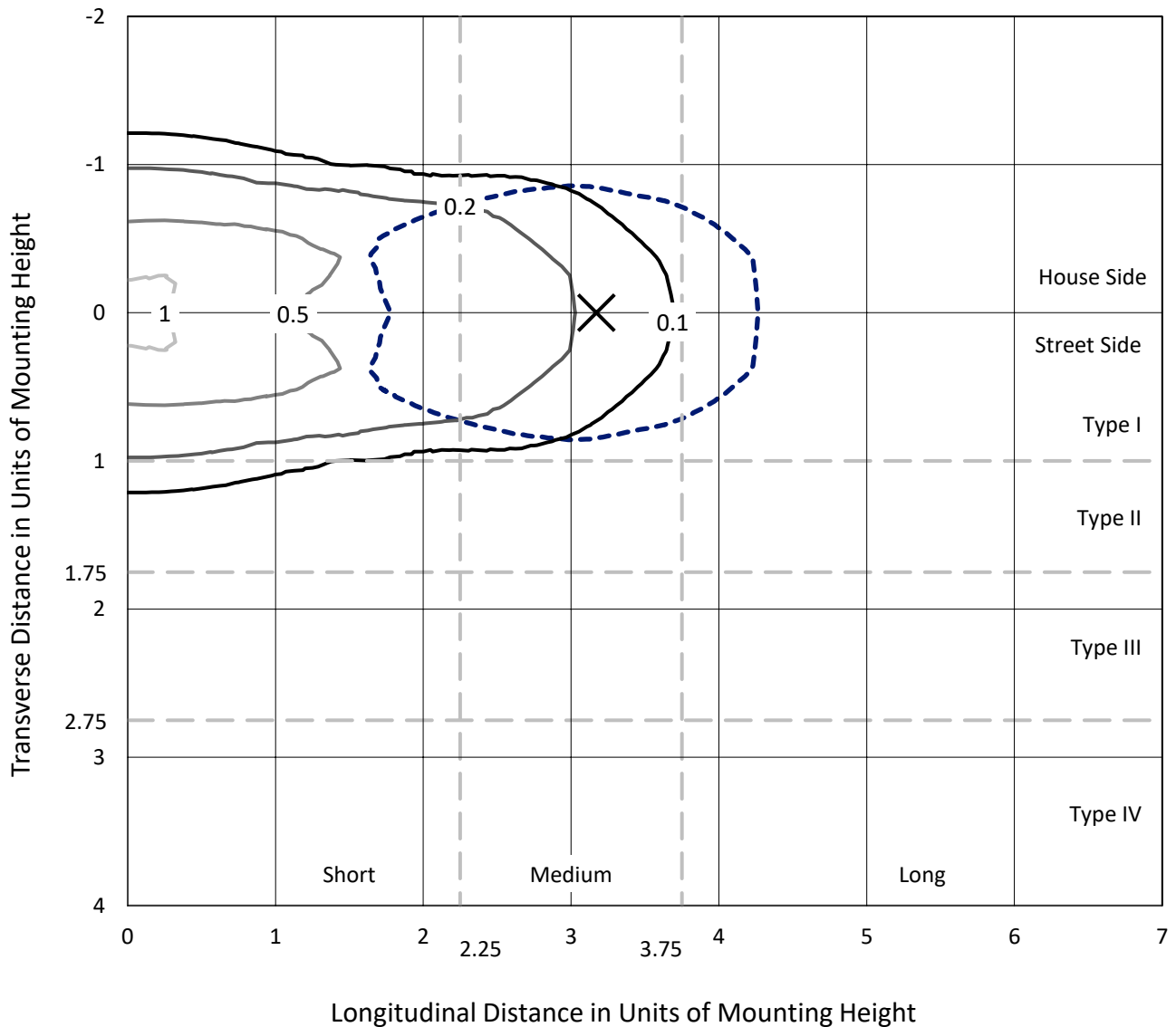
Input Watts (W): 39.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P845984  
 CATALOG NUMBER: GLAN-SB1B-927-U-T1

### Iso-Footcandle Lines of Horizontal Illumination

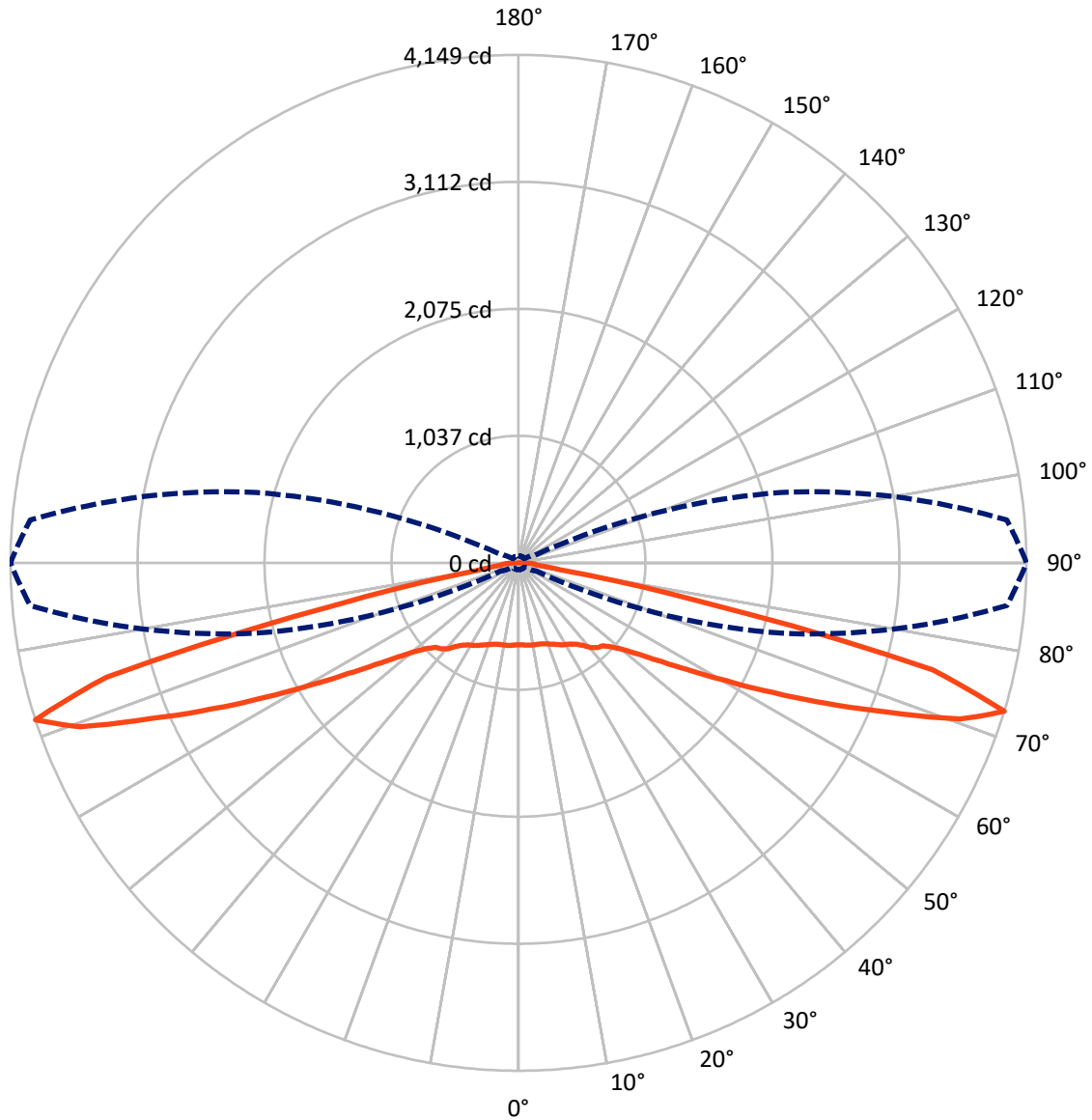
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.1 fc  
 Type I - Short - N/A

REPORT NUMBER: P845984  
CATALOG NUMBER: GLAN-SB1B-927-U-T1

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P845984  
 CATALOG NUMBER: GLAN-SB1B-927-U-T1

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1794.5	0.0	1794.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	1794.5	0.0	1794.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	3589.0	0.0	3589.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	65.0	1.8
10°-20°	198.8	5.5
20°-30°	331.5	9.2
30°-40°	456.0	12.7
40°-50°	556.8	15.5
50°-60°	644.0	17.9
60°-70°	767.9	21.4
70°-80°	536.0	14.9
80°-90°	32.9	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°	3589.0	100.0
0°-180°	3589.0	100.0

**Coefficient of Utilization**



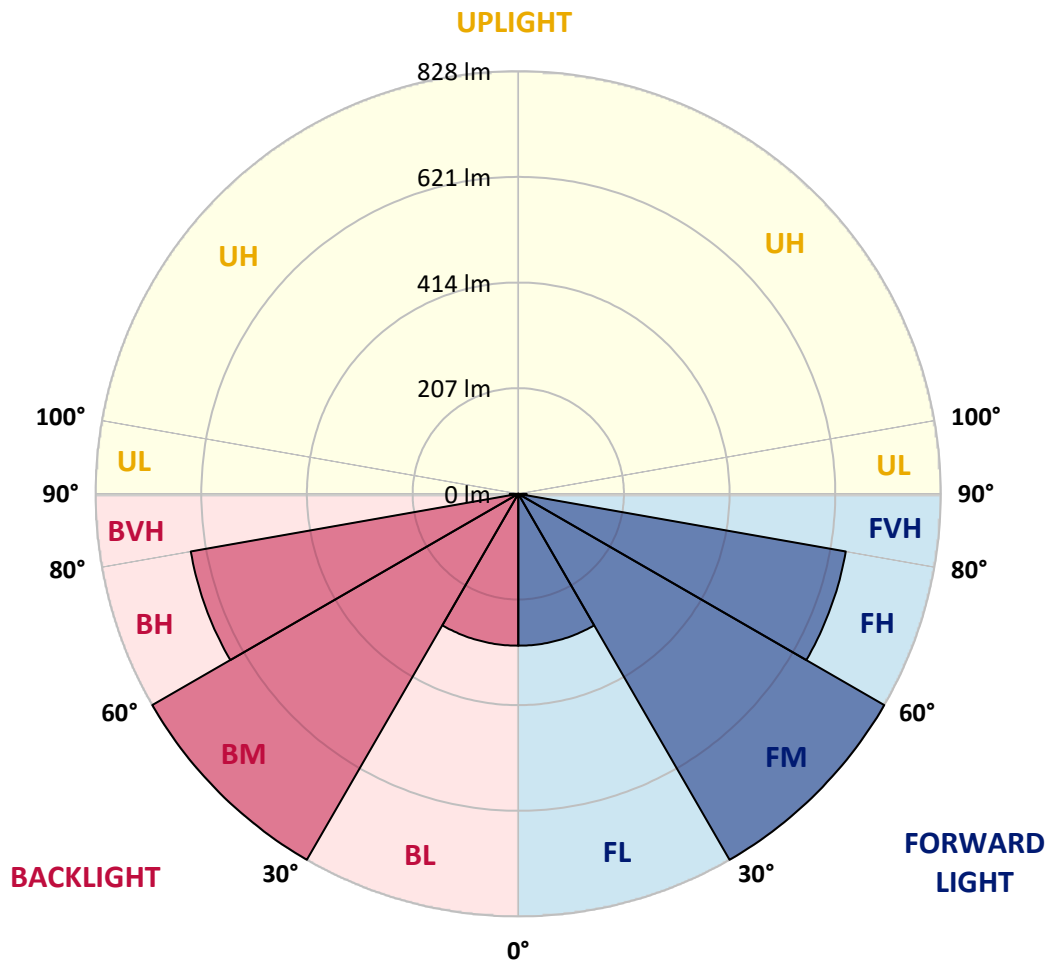
REPORT NUMBER: P845984  
 CATALOG NUMBER: GLAN-SB1B-927-U-T1

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	297.7	8.3			
FM (30°-60°)	828.4	23.1			
FH (60°-80°)	651.9	18.2			G0/660
FVH (80°-90°)	16.5	0.5			G1/100
BL (0°-30°)	297.7	8.3	B1/500		
BM (30°-60°)	828.4	23.1	B1/1000		
BH (60°-80°)	651.9	18.2	B2/1000		G2/1000
BVH (80°-90°)	16.5	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



REPORT NUMBER: P845984  
 CATALOG NUMBER: GLAN-SB1B-927-U-T1

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	670.6	670.6	670.6	670.6	670.6	670.6	670.6	670.6	670.6	670.6
2.5°	671.2	672.0	672.0	671.4	672.7	671.6	671.6	671.0	671.6	671.0
5°	674.6	675.6	676.0	675.8	677.5	676.6	676.6	675.8	676.0	675.4
7.5°	681.1	682.5	683.2	684.2	686.7	685.5	684.8	682.5	681.5	680.0
10°	683.2	684.8	687.2	692.2	697.9	698.1	695.8	690.1	685.7	682.3
12.5°	676.7	678.8	684.0	694.1	706.9	712.0	708.4	698.9	690.3	684.2
15°	668.5	670.8	678.7	693.9	712.8	724.8	724.4	711.8	698.1	688.6
17.5°	655.8	658.1	669.3	690.7	717.4	737.2	742.6	729.6	710.3	697.5
20°	632.7	634.8	650.4	680.4	718.9	750.4	764.3	752.9	728.8	711.5
22.5°	602.7	606.0	624.3	662.6	715.3	764.1	789.1	781.3	750.4	726.3
25°	570.7	574.1	595.5	640.9	705.9	774.0	818.5	813.5	774.8	744.8
27.5°	543.0	546.7	569.9	619.3	691.4	777.8	847.5	849.9	804.4	765.2
30°	521.3	524.7	549.5	602.0	672.7	774.0	872.8	890.0	834.5	783.0
32.5°	497.5	501.8	528.0	580.8	650.6	764.9	895.0	933.3	869.4	802.1
35°	467.3	471.3	498.8	551.8	621.6	750.2	913.5	981.4	919.4	831.1
37.5°	430.7	434.5	461.8	515.6	592.8	729.6	927.6	1035.5	978.9	872.8
40°	393.9	397.5	423.1	475.1	558.3	703.3	932.5	1088.6	1047.2	930.2
42.5°	360.1	363.4	386.8	435.3	519.6	669.7	926.0	1134.7	1108.4	970.3
45°	329.0	331.9	352.7	397.9	479.3	628.9	906.6	1184.3	1181.3	998.9
47.5°	293.5	296.4	318.0	361.6	439.1	581.0	873.6	1233.1	1282.5	1063.8
50°	250.3	252.7	274.9	319.9	397.3	530.1	827.8	1271.5	1410.3	1162.0
52.5°	198.9	201.6	223.2	268.2	347.7	475.3	767.5	1296.5	1558.0	1305.4
55°	148.0	149.9	168.6	209.1	286.3	413.0	692.0	1303.5	1725.4	1501.5
57.5°	107.4	108.5	120.5	150.7	217.1	334.9	600.3	1285.2	1924.8	1752.9
60°	87.0	87.4	91.0	104.3	150.9	246.8	489.4	1222.3	2141.1	2077.0
62.5°	79.0	79.0	79.9	83.5	102.0	162.9	355.3	1091.8	2373.0	2486.5
65°	73.4	73.4	73.8	75.5	80.5	103.8	224.3	879.3	2568.5	2966.2
67.5°	68.5	68.7	68.5	69.0	71.9	76.7	130.1	607.3	2673.8	3463.3
70°	63.3	63.7	62.8	62.8	65.0	65.2	81.4	333.0	2586.4	3879.8
72.5°	57.2	57.8	56.3	55.9	57.6	56.8	61.2	159.8	2220.6	4004.2
75°	51.9	52.6	49.2	48.3	48.3	47.7	49.8	82.0	1441.2	3266.4
77.5°	47.1	48.6	43.1	40.1	39.3	37.6	40.6	50.2	630.4	1533.6
80°	38.9	41.0	35.5	31.9	30.5	28.6	32.0	35.1	187.5	356.1
82.5°	29.0	29.9	25.2	22.7	21.6	20.2	24.0	24.4	61.0	126.1
85°	18.5	18.9	15.4	13.4	12.8	12.2	15.3	13.4	23.3	92.7
87.5°	6.5	7.4	5.9	5.3	5.7	4.8	7.1	4.0	6.5	65.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

670.6  
671.0  
675.4  
680.0  
681.7  
683.2  
687.0  
695.4  
708.2  
722.0  
738.7  
758.8  
773.6  
790.2  
817.9  
855.3  
911.5  
946.3  
966.5  
1026.4  
1115.1  
1247.6  
1429.2  
1661.9  
1962.3  
2332.9  
2772.0  
3253.6  
3824.7  
4149.2  
3493.8  
1501.7  
341.0  
142.5  
134.7  
81.1  
0.0

OF REPORT)