

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: P849214

Luminaire Tested: **GLAN-SB6A-927-U-T1**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P849214  
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-SB6A-927-U-T1  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(6) 90 CRI, 2700K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 17330 lumens  
Efficiency: N/A  
Efficacy: 101.4 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type I - Short  
BUG Rating: B4 - U0 - G4

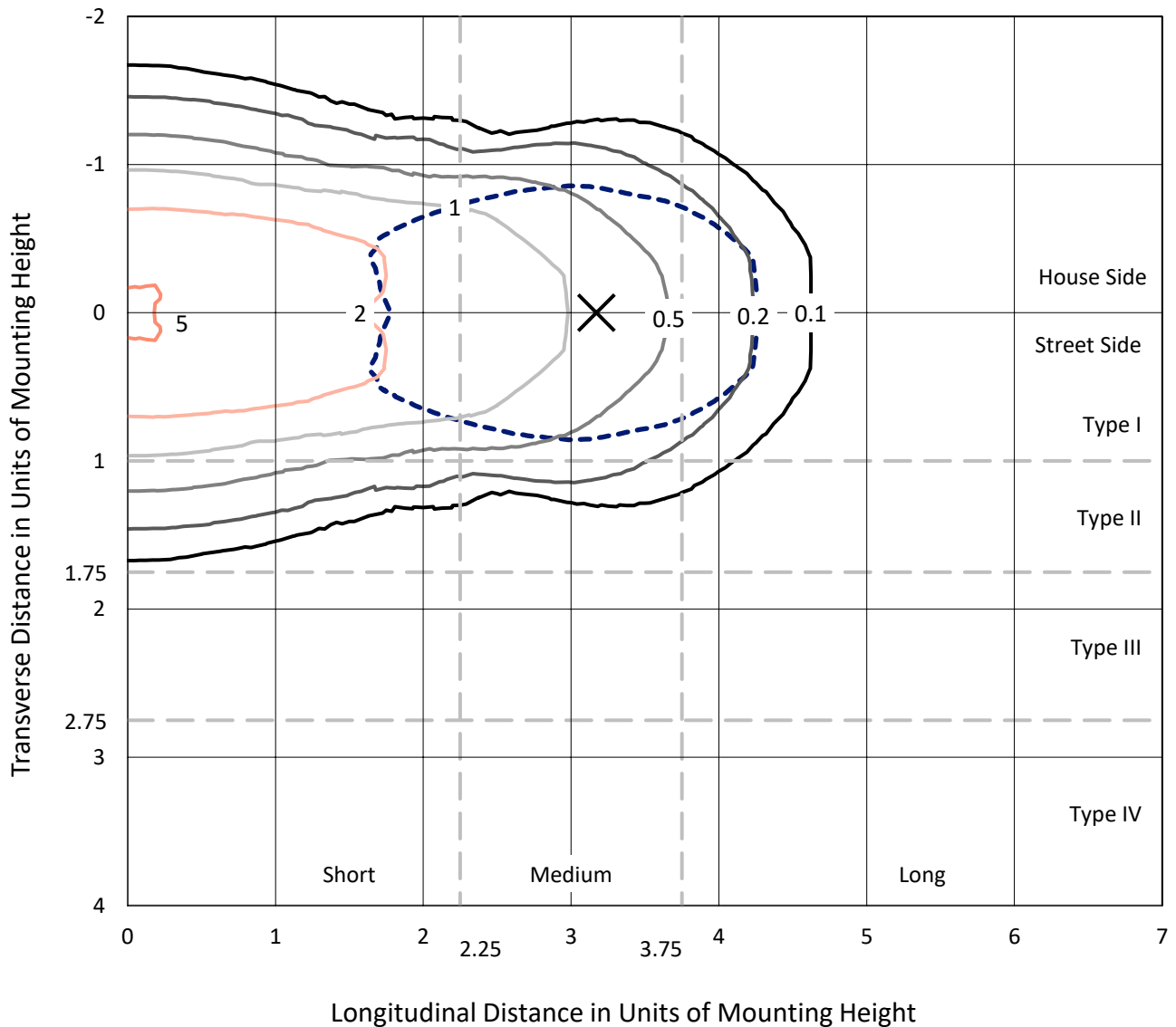
Input Watts (W): 170.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

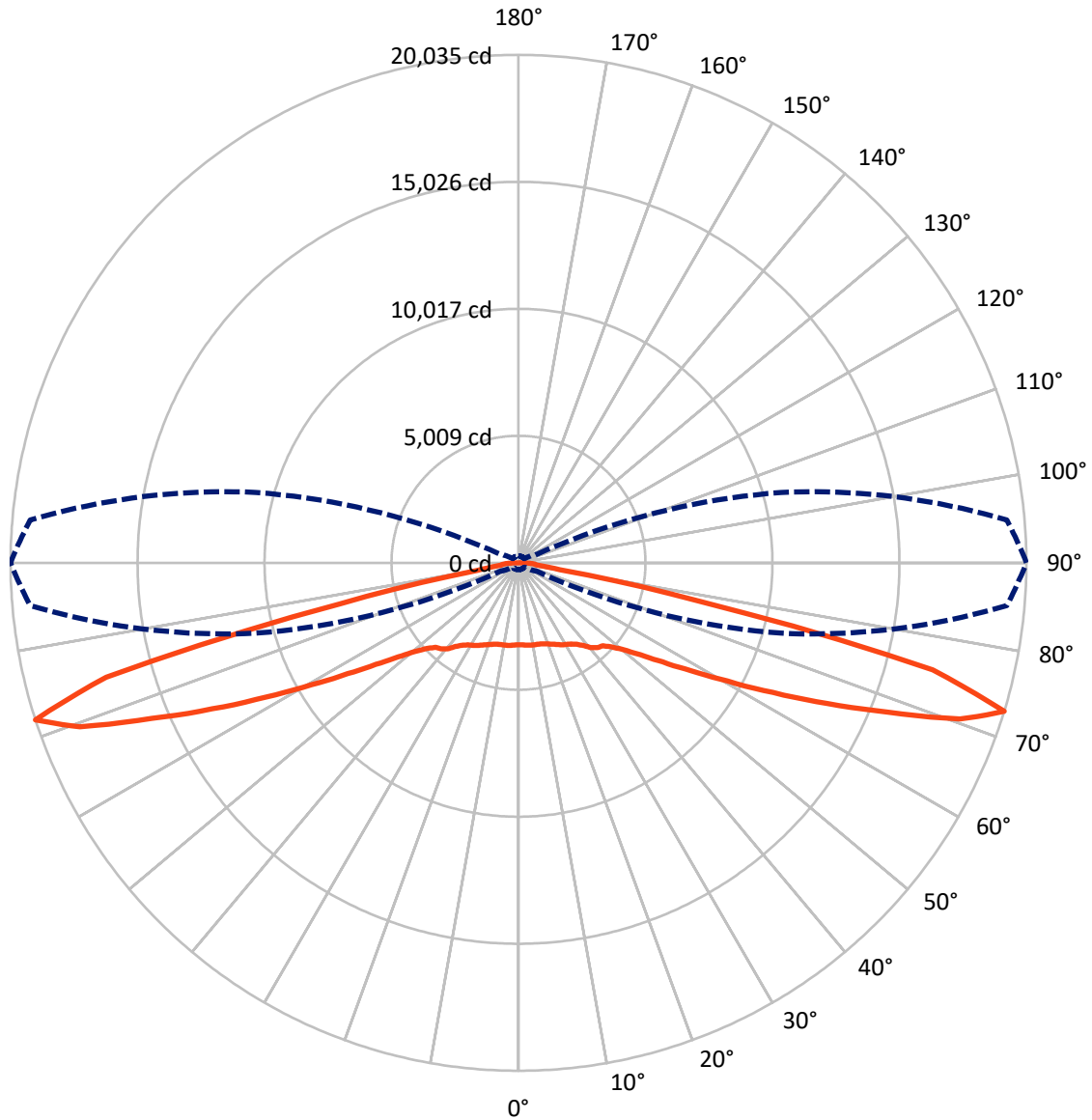
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.2 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
<b>House Side</b>	Lumens	8665.0	0.0	8665.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	8665.0	0.0	8665.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	17330.0	0.0	17330.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	314.0	1.8
10°-20°	960.1	5.5
20°-30°	1600.8	9.2
30°-40°	2201.6	12.7
40°-50°	2688.8	15.5
50°-60°	3109.8	17.9
60°-70°	3708.0	21.4
70°-80°	2587.9	14.9
80°-90°	159.0	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°	17330.0	100.0
0°-180°	17330.0	100.0

**Coefficient of Utilization**



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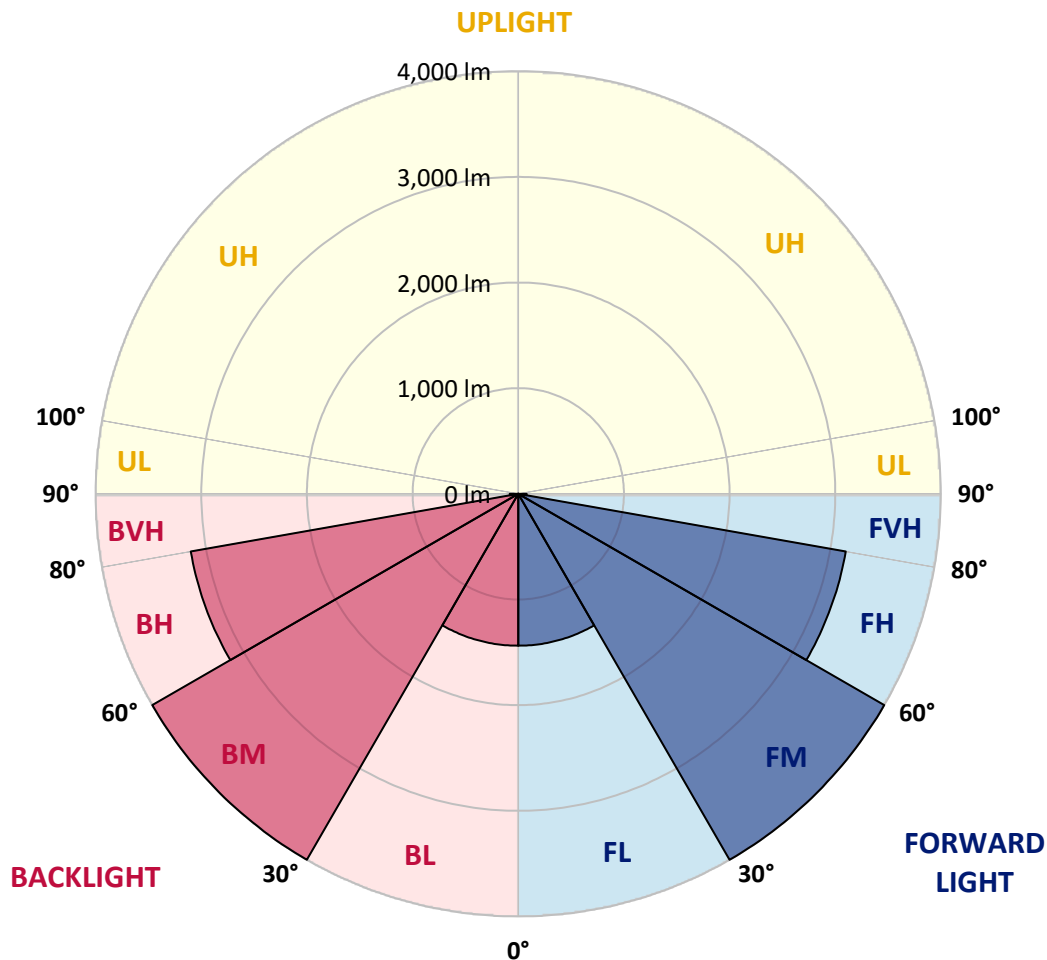
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1437.4	8.3			
FM (30°-60°)	4000.1	23.1			
FH (60°-80°)	3148.0	18.2			G2/5000
FVH (80°-90°)	79.5	0.5			G1/100
BL (0°-30°)	1437.4	8.3	B3/2500		
BM (30°-60°)	4000.1	23.1	B3/5000		
BH (60°-80°)	3148.0	18.2	B4/5000		G4/5000
BVH (80°-90°)	79.5	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G4**

Type I Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3238.3	3238.3	3238.3	3238.3	3238.3	3238.3	3238.3	3238.3	3238.3	3238.3
2.5°	3241.1	3244.7	3244.7	3242.0	3248.4	3242.9	3242.9	3240.1	3242.9	3240.1
5°	3257.6	3262.2	3264.1	3263.2	3271.5	3266.8	3266.8	3263.2	3264.1	3261.3
7.5°	3288.9	3295.4	3299.1	3303.7	3315.7	3310.1	3306.4	3295.4	3290.8	3283.4
10°	3299.1	3306.4	3318.4	3342.4	3370.0	3370.9	3359.9	3332.2	3311.1	3294.5
12.5°	3267.8	3277.9	3302.8	3351.6	3413.3	3438.2	3420.7	3374.6	3333.2	3303.7
15°	3228.2	3239.2	3277.0	3350.7	3441.8	3499.9	3498.0	3437.2	3370.9	3324.9
17.5°	3166.5	3177.5	3231.8	3335.0	3463.9	3559.7	3585.5	3522.9	3429.9	3368.2
20°	3055.0	3065.1	3140.7	3285.3	3471.3	3623.3	3690.5	3635.3	3519.2	3435.4
22.5°	2910.4	2926.1	3014.5	3199.6	3453.8	3689.6	3810.2	3772.5	3623.3	3507.2
25°	2755.7	2772.3	2875.4	3094.6	3408.7	3737.5	3952.1	3928.1	3741.2	3596.6
27.5°	2622.1	2639.6	2752.0	2990.5	3338.7	3755.9	4092.1	4104.0	3883.9	3695.1
30°	2517.1	2533.7	2653.4	2906.7	3248.4	3737.5	4214.6	4297.5	4029.4	3780.8
32.5°	2402.0	2423.2	2549.4	2804.5	3141.6	3693.3	4321.4	4506.5	4198.0	3872.9
35°	2256.5	2275.8	2408.5	2664.5	3001.6	3622.4	4410.7	4738.6	4439.3	4012.9
37.5°	2079.7	2098.1	2229.8	2489.5	2862.5	3522.9	4478.9	5000.2	4726.7	4214.6
40°	1901.9	1919.4	2042.8	2294.3	2695.8	3395.8	4502.8	5256.2	5056.4	4491.8
42.5°	1738.9	1754.5	1867.8	2101.8	2508.8	3233.7	4471.5	5479.1	5352.0	4685.2
45°	1588.8	1602.6	1703.0	1921.2	2314.5	3036.6	4377.6	5718.6	5703.9	4823.4
47.5°	1417.4	1431.3	1535.3	1746.2	2120.2	2805.4	4218.3	5954.4	6192.9	5136.5
50°	1208.4	1220.3	1327.2	1544.5	1918.5	2559.5	3997.2	6139.5	6810.0	5610.8
52.5°	960.6	973.5	1077.6	1294.9	1679.0	2295.2	3706.2	6260.1	7522.9	6303.4
55°	714.7	723.9	814.2	1009.4	1382.4	1994.0	3341.4	6294.2	8331.5	7250.2
57.5°	518.5	524.1	582.1	727.6	1048.1	1617.3	2898.4	6205.8	9294.0	8464.1
60°	420.0	421.8	439.3	503.8	728.5	1191.8	2363.3	5901.9	10338.4	10028.9
62.5°	381.3	381.3	385.9	403.4	492.7	786.5	1715.9	5271.9	11458.4	12006.4
65°	354.6	354.6	356.4	364.7	388.7	501.0	1083.1	4245.9	12402.4	14322.7
67.5°	330.6	331.6	330.6	333.4	347.2	370.2	628.1	2932.5	12910.8	16722.9
70°	305.8	307.6	303.0	303.0	314.1	315.0	393.3	1608.1	12489.0	18734.4
72.5°	276.3	279.1	271.7	269.9	278.1	274.5	295.6	771.8	10722.5	19334.9
75°	250.5	254.2	237.6	233.0	233.0	230.3	240.4	396.0	6959.2	15772.4
77.5°	227.5	234.9	208.1	193.4	189.7	181.4	196.2	242.2	3044.0	7405.0
80°	187.9	198.0	171.3	153.8	147.4	138.2	154.7	169.5	905.4	1719.5
82.5°	140.0	144.6	121.6	109.6	104.1	97.6	116.0	117.9	294.7	608.8
85°	89.3	91.2	74.6	64.5	61.7	58.9	73.7	64.5	112.4	447.6
87.5°	31.3	35.9	28.6	25.8	27.6	23.0	34.1	19.3	31.3	315.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

3238.3  
3240.1  
3261.3  
3283.4  
3291.7  
3299.1  
3317.5  
3358.0  
3419.7  
3486.0  
3567.1  
3663.8  
3735.6  
3815.8  
3949.3  
4129.8  
4401.5  
4569.2  
4666.8  
4956.0  
5384.3  
6024.4  
6901.2  
8024.8  
9475.4  
11265.0  
13385.1  
15710.7  
18468.2  
20034.9  
16870.3  
7251.2  
1646.8  
688.0  
650.2  
391.4  
0.0

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