

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: P850071

Luminaire Tested: **GLAN-SB7B-930-U-5WQ**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P850071  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/26/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB7B-930-U-5WQ  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(7) 90 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V WIDE OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 27328 lumens  
Efficiency: N/A  
Efficacy: 106.5 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B5 - U0 - G4

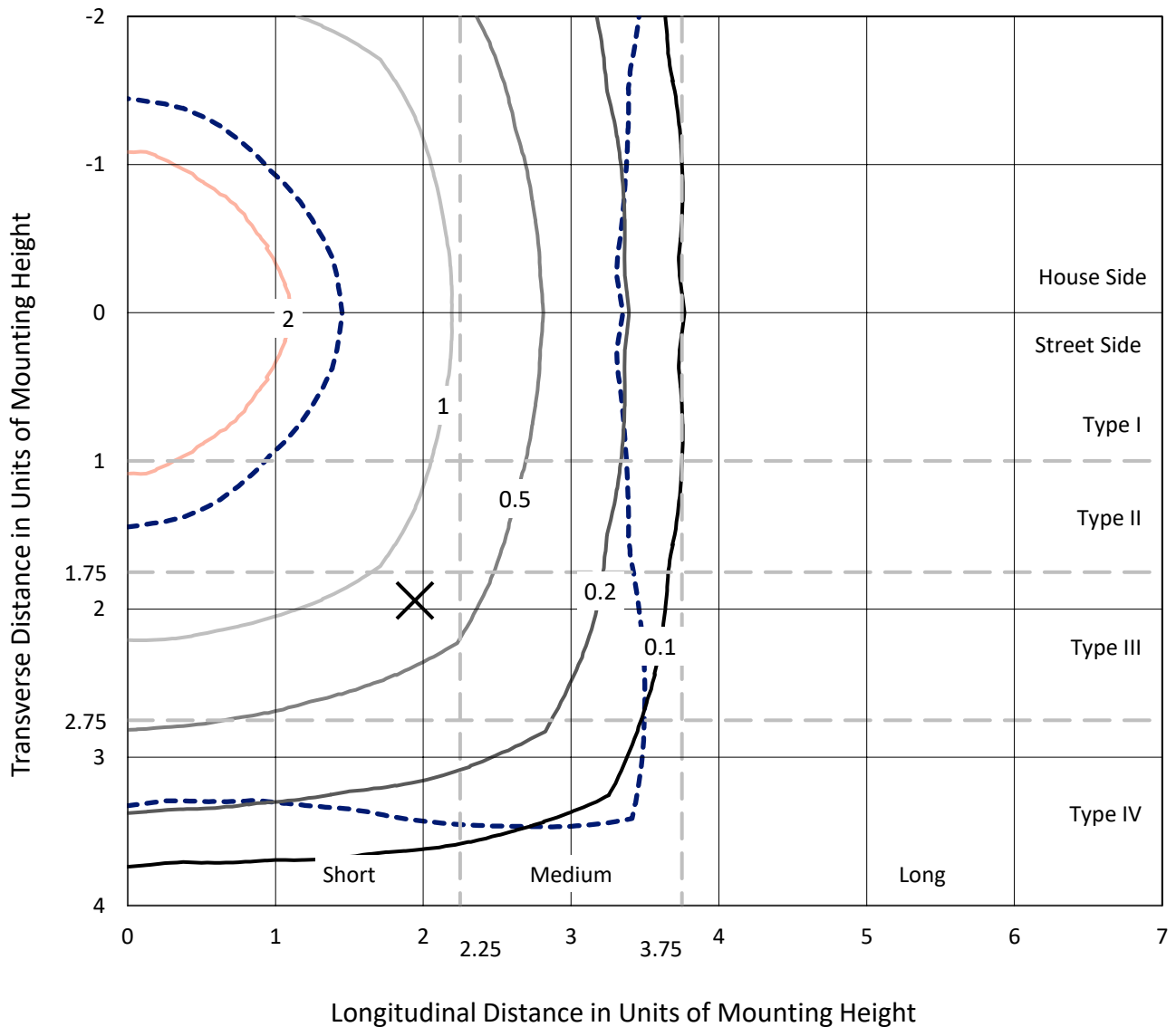
Input Watts (W): 256.7  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

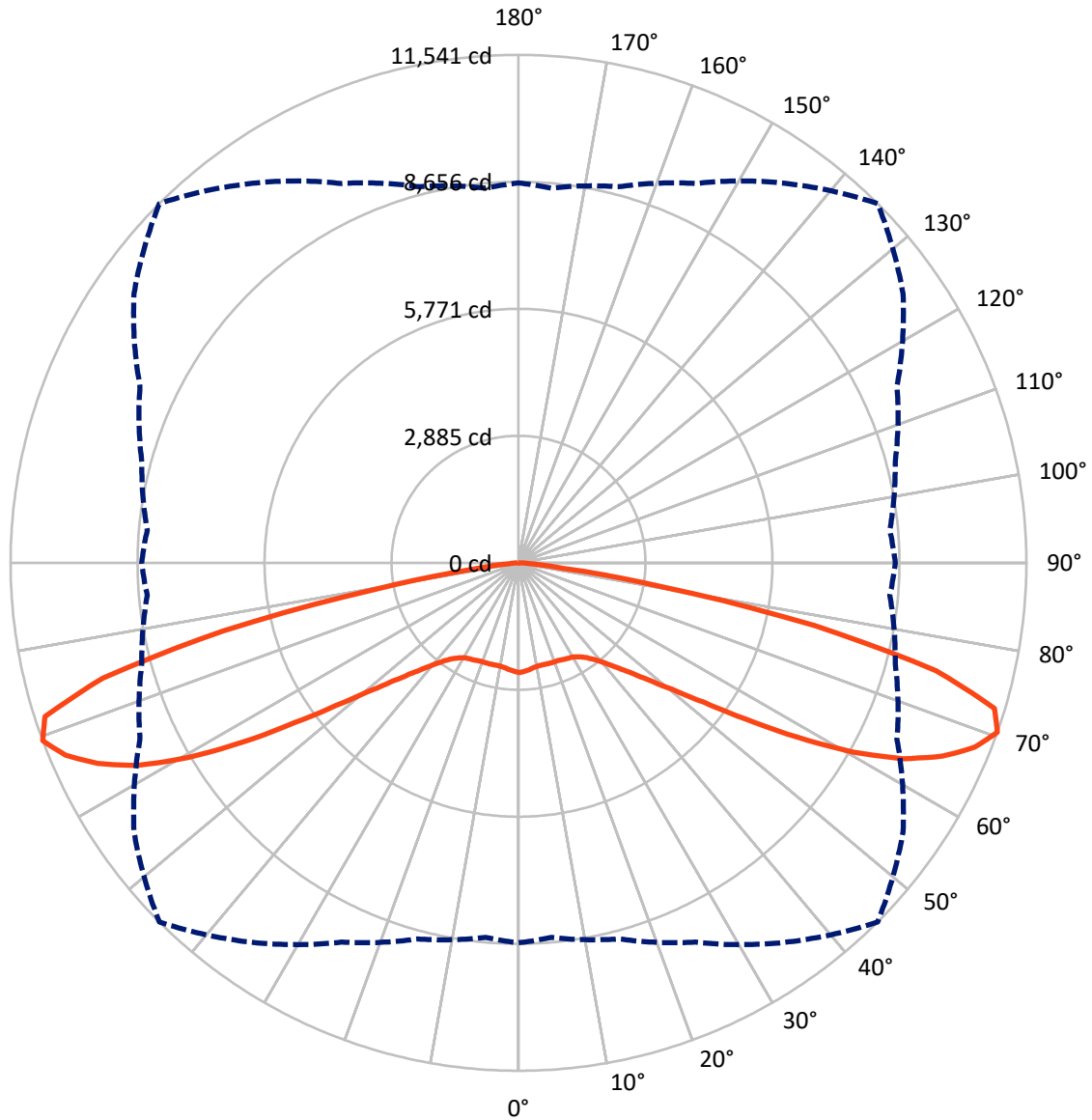
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4 fc  
 Type V - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral      - - - Horizontal Cone Through 70-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	13664.0	0.0	13664.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	13664.0	0.0	13664.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	27328.0	0.0	27328.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	231.9	0.8
10°-20°	680.9	2.5
20°-30°	1133.1	4.1
30°-40°	1713.6	6.3
40°-50°	2847.6	10.4
50°-60°	5373.4	19.7
60°-70°	9073.1	33.2
70°-80°	5962.0	21.8
80°-90°	312.4	1.1
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°	27328.0	100.0
0°-180°	27328.0	100.0

**Coefficient of Utilization**

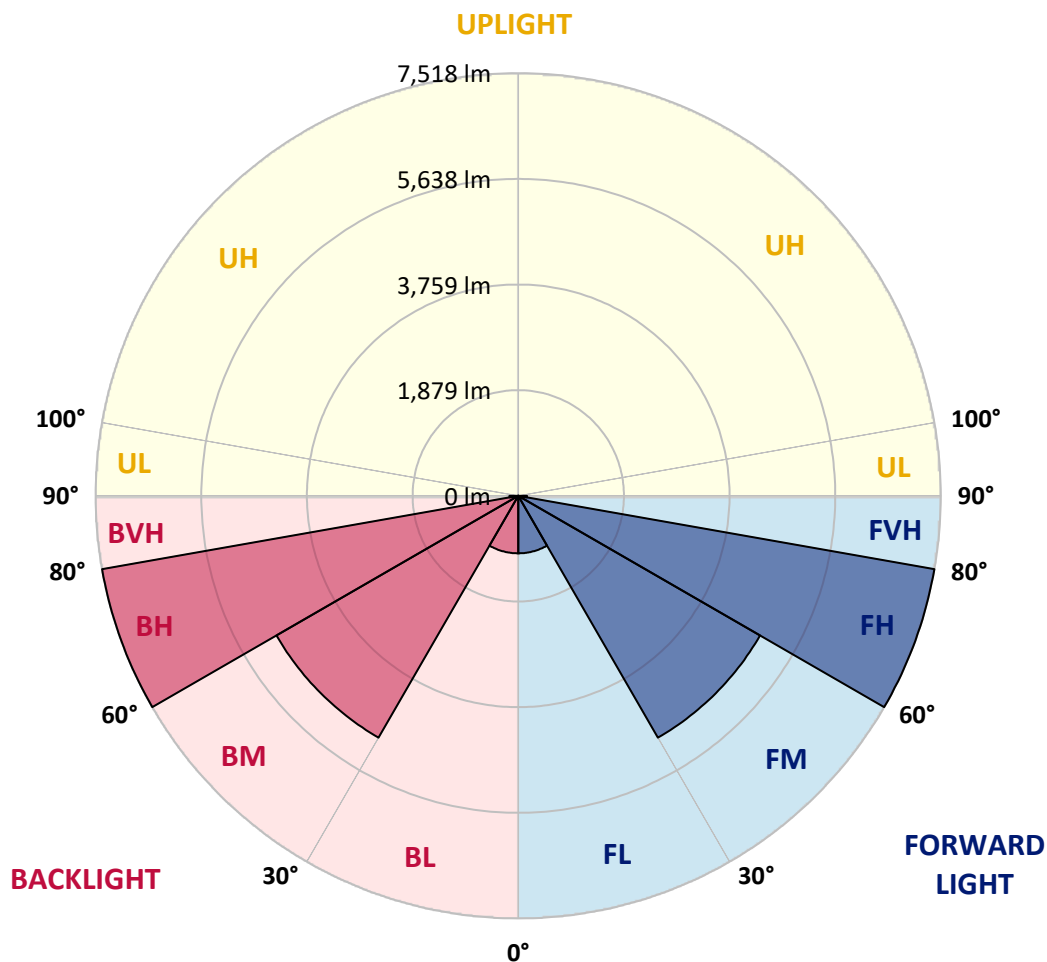


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1023.0	3.7			
FM (30°-60°)	4967.3	18.2			
FH (60°-80°)	7517.6	27.5			G4/12000
FVH (80°-90°)	156.2	0.6			G2/225
BL (0°-30°)	1023.0	3.7	B3/2500		
BM (30°-60°)	4967.3	18.2	B3/5000		
BH (60°-80°)	7517.6	27.5	B5		G4/12000
BVH (80°-90°)	156.2	0.6			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B5-U0-G4**  
 Type V Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2492.9	2492.9	2492.9	2492.9	2492.9	2492.9	2492.9	2492.9	2492.9	2492.9
2.5°	2477.2	2484.3	2481.5	2475.8	2475.8	2471.6	2475.8	2478.7	2482.9	2485.8
5°	2444.6	2450.3	2448.8	2444.6	2446.0	2441.7	2444.6	2448.8	2451.7	2453.1
7.5°	2416.2	2421.8	2419.0	2411.9	2411.9	2407.6	2409.1	2413.3	2417.6	2419.0
10°	2409.1	2414.7	2406.2	2394.9	2390.6	2384.9	2386.3	2390.6	2399.1	2403.4
12.5°	2411.9	2416.2	2407.6	2390.6	2386.3	2380.6	2380.6	2384.9	2396.3	2402.0
15°	2420.4	2424.7	2411.9	2393.4	2389.2	2384.9	2383.5	2389.2	2402.0	2411.9
17.5°	2436.0	2440.3	2420.4	2394.9	2389.2	2390.6	2389.2	2393.4	2413.3	2431.8
20°	2450.3	2453.1	2426.1	2394.9	2389.2	2390.6	2389.2	2397.7	2423.3	2448.8
22.5°	2454.5	2457.4	2431.8	2404.8	2400.5	2402.0	2400.5	2409.1	2433.2	2458.8
25°	2455.9	2460.2	2440.3	2419.0	2426.1	2428.9	2426.1	2427.5	2446.0	2468.7
27.5°	2477.2	2482.9	2464.5	2446.0	2450.3	2448.8	2453.1	2457.4	2471.6	2494.3
30°	2521.3	2525.5	2509.9	2491.4	2488.6	2478.7	2491.4	2505.6	2521.3	2541.2
32.5°	2593.7	2602.2	2582.4	2562.5	2549.7	2544.0	2553.9	2578.1	2599.4	2620.7
35°	2714.5	2720.1	2701.7	2664.7	2642.0	2642.0	2650.5	2681.8	2715.9	2742.9
37.5°	2884.9	2892.0	2859.3	2815.3	2781.2	2781.2	2792.6	2825.2	2876.4	2914.7
40°	3092.3	3102.2	3061.0	3015.6	2982.9	2977.2	2991.4	3028.4	3076.7	3125.0
42.5°	3342.3	3353.6	3299.7	3259.9	3234.3	3234.3	3241.4	3275.5	3319.6	3379.2
45°	3661.9	3681.8	3607.9	3568.1	3544.0	3549.7	3553.9	3583.8	3623.5	3691.7
47.5°	4042.6	4062.4	3984.3	3943.1	3938.9	3965.9	3948.8	3970.1	3991.4	4069.5
50°	4474.4	4508.5	4454.5	4451.6	4460.2	4509.9	4470.1	4481.5	4457.3	4507.0
52.5°	5002.8	5052.5	5042.5	5059.6	5154.8	5257.0	5166.1	5126.4	5035.4	5051.1
55°	5643.4	5718.7	5732.9	5835.1	6051.1	6259.9	6066.7	5906.2	5713.0	5677.5
57.5°	6372.1	6431.7	6499.9	6708.7	7112.1	7482.9	7112.1	6757.0	6453.0	6380.6
60°	7156.2	7230.0	7295.4	7603.6	8203.0	8724.3	8191.6	7627.7	7225.8	7127.7
62.5°	7998.5	8093.6	8139.1	8481.4	9180.3	9802.4	9190.2	8507.0	8061.0	7955.9
65°	8806.7	8884.8	8936.0	9301.0	9968.6	10592.2	10014.1	9340.8	8882.0	8744.2
67.5°	9183.1	9225.7	9350.7	9764.1	10468.6	11180.2	10587.9	9808.1	9295.3	9053.9
70°	8632.0	8545.3	8846.5	9508.4	10528.3	11541.0	10664.6	9488.5	8860.7	8468.6
72.5°	6670.4	6521.2	7043.9	8176.0	9846.5	11310.9	9914.6	8239.9	7369.2	6573.8
75°	3629.2	3460.2	4181.8	5613.6	7852.2	9803.8	8032.6	5774.1	4656.2	3602.2
77.5°	1024.1	960.2	1542.6	2715.9	4722.9	6883.4	4904.8	2775.5	1829.5	1085.2
80°	313.9	304.0	411.9	818.2	2005.7	3296.8	1927.5	828.1	524.1	331.0
82.5°	186.1	170.5	204.5	298.3	511.4	1035.5	497.2	311.1	250.0	167.6
85°	106.5	99.4	120.7	144.9	171.9	220.2	143.5	147.7	133.5	89.5
87.5°	44.0	39.8	46.9	45.5	39.8	51.1	38.4	45.5	54.0	35.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
2492.9
2484.3
2453.1
2419.0
2403.4
2403.4
2413.3
2431.8
2450.3
2458.8
2467.3
2488.6
2536.9
2612.2
2732.9
2900.5
3109.3
3375.0
3688.9
4046.8
4477.2
4998.5
5622.1
6329.5
7042.5
7870.6
8676.0
9056.7
8562.4
6771.2
3836.6
1205.9
349.4
181.8
93.7
32.7
0.0

OF REPORT)