

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: P849561

Luminaire Tested: **GLAN-SB6C-930-U-5WQ**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P849561  
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-SB6C-930-U-5WQ  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(6) 90 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V WIDE OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 30991 lumens  
Efficiency: N/A  
Efficacy: 103.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B5 - U0 - G4

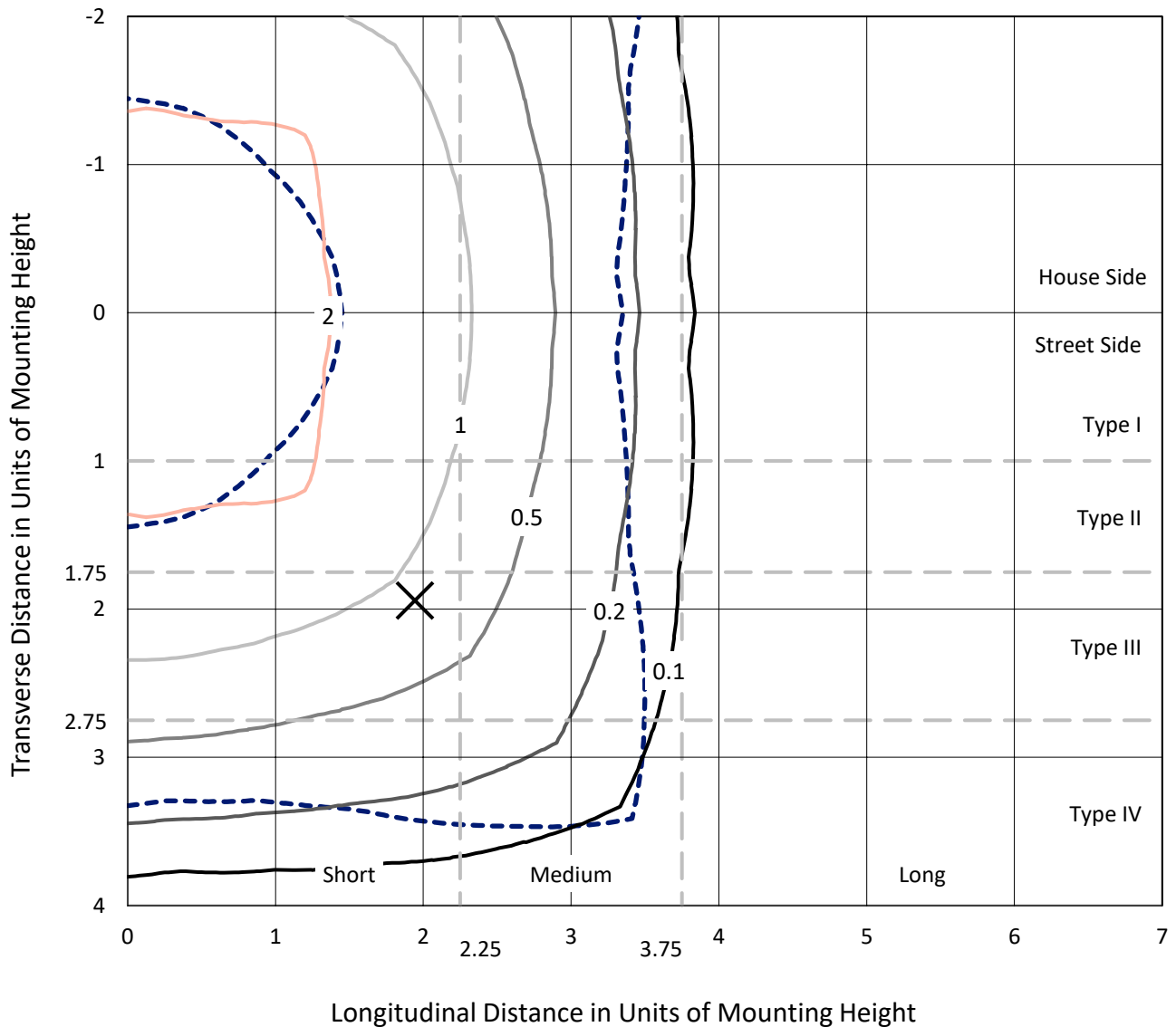
Input Watts (W): 300.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

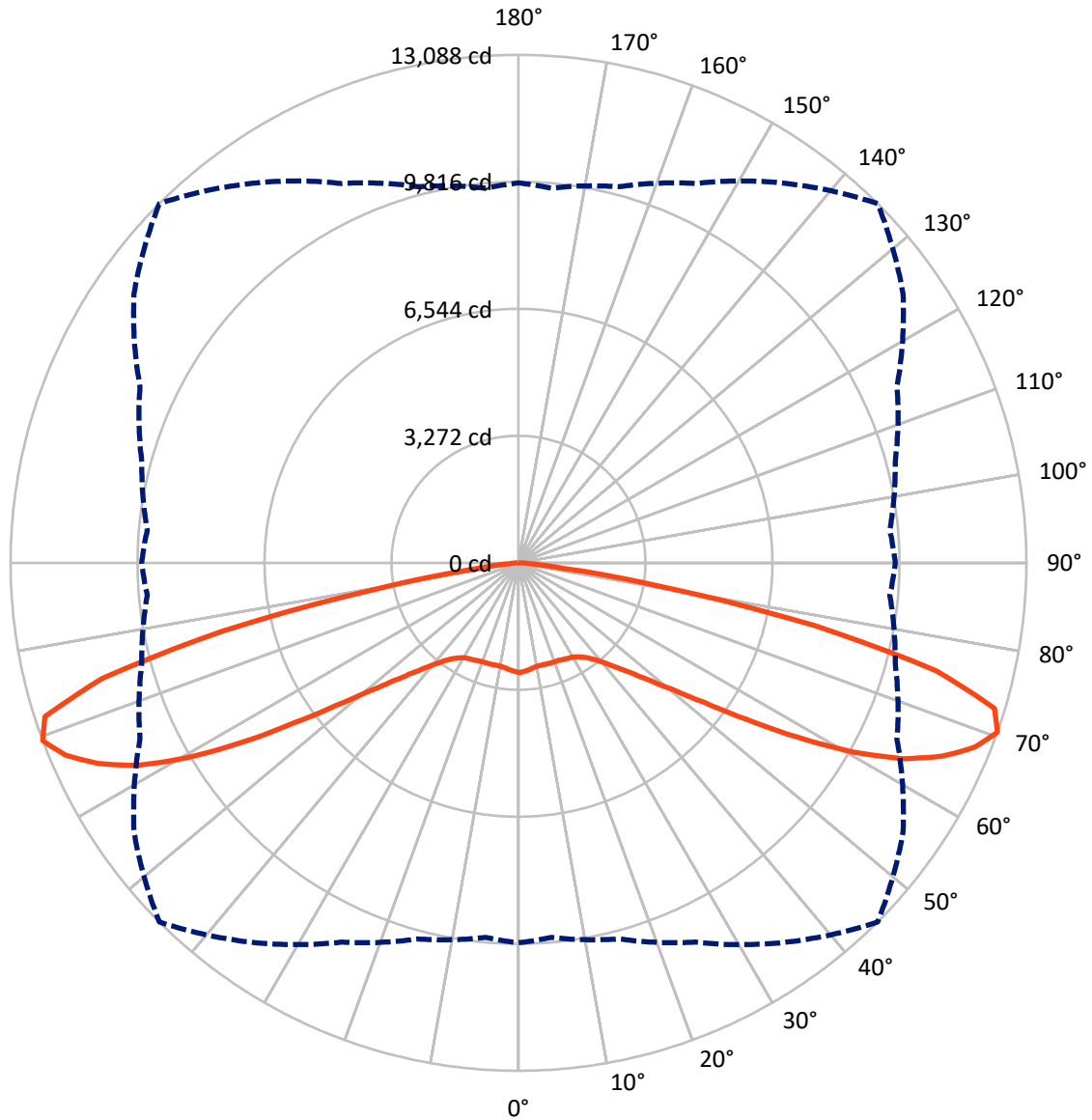
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.5 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	15495.5	0.0	15495.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	15495.5	0.0	15495.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	30991.0	0.0	30991.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	263.0	0.8
10°-20°	772.2	2.5
20°-30°	1285.0	4.1
30°-40°	1943.3	6.3
40°-50°	3229.3	10.4
50°-60°	6093.6	19.7
60°-70°	10289.3	33.2
70°-80°	6761.1	21.8
80°-90°	354.2	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°	30991.0	100.0
0°-180°	30991.0	100.0

**Coefficient of Utilization**

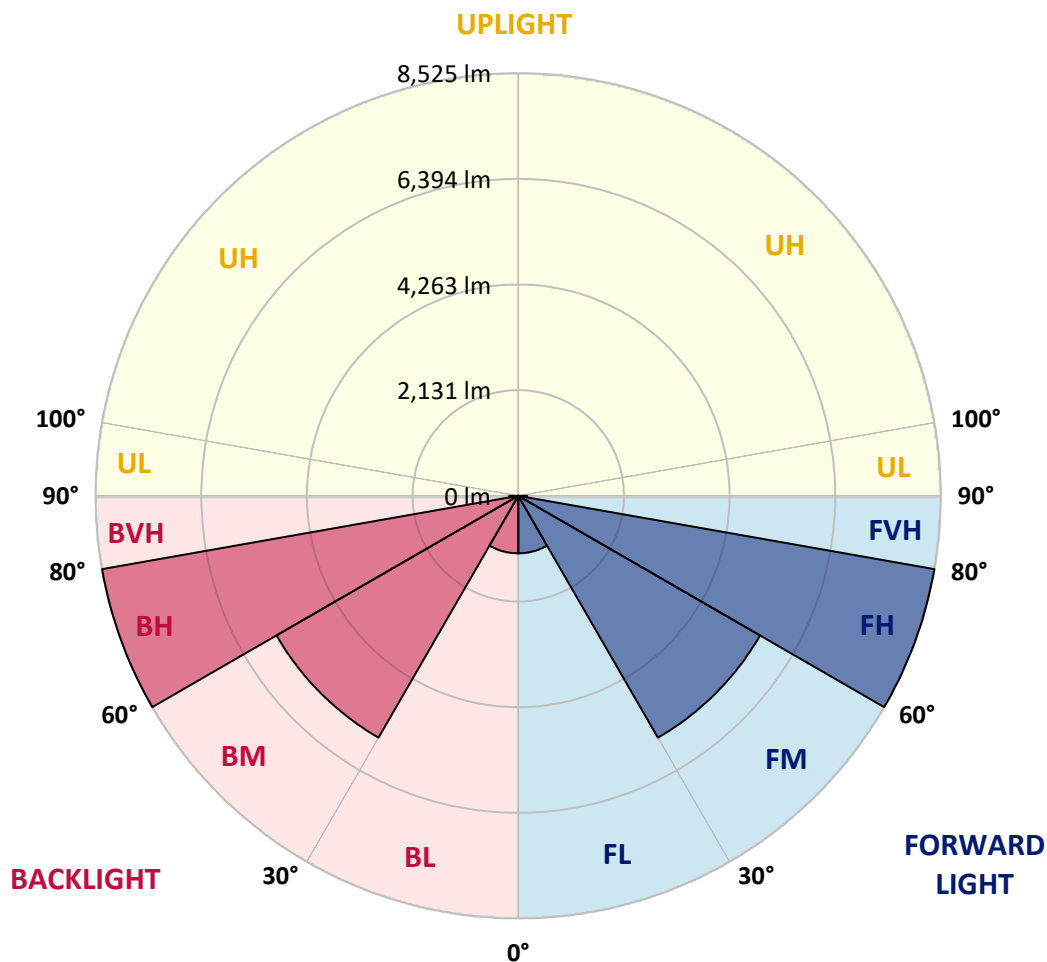


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1160.1	3.7			
FM (30°-60°)	5633.1	18.2			
FH (60°-80°)	8525.2	27.5			G4/12000
FVH (80°-90°)	177.1	0.6			G2/225
BL (0°-30°)	1160.1	3.7	B3/2500		
BM (30°-60°)	5633.1	18.2	B4/8500		
BH (60°-80°)	8525.2	27.5	B5		G4/12000
BVH (80°-90°)	177.1	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°	2827.0	2827.0	2827.0	2827.0	2827.0	2827.0	2827.0	2827.0	2827.0	2827.0
2.5°	2809.3	2817.3	2814.1	2807.7	2807.7	2802.8	2807.7	2810.9	2815.7	2818.9
5°	2772.2	2778.7	2777.1	2772.2	2773.8	2769.0	2772.2	2777.1	2780.3	2781.9
7.5°	2740.0	2746.5	2743.2	2735.2	2735.2	2730.4	2732.0	2736.8	2741.6	2743.2
10°	2732.0	2738.4	2728.7	2715.9	2711.0	2704.6	2706.2	2711.0	2720.7	2725.5
12.5°	2735.2	2740.0	2730.4	2711.0	2706.2	2699.7	2699.7	2704.6	2717.5	2723.9
15°	2744.9	2749.7	2735.2	2714.2	2709.4	2704.6	2703.0	2709.4	2723.9	2735.2
17.5°	2762.6	2767.4	2744.9	2715.9	2709.4	2711.0	2709.4	2714.2	2736.8	2757.7
20°	2778.7	2781.9	2751.3	2715.9	2709.4	2711.0	2709.4	2719.1	2748.1	2777.1
22.5°	2783.5	2786.7	2757.7	2727.1	2722.3	2723.9	2722.3	2732.0	2759.3	2788.3
25°	2785.1	2790.0	2767.4	2743.2	2751.3	2754.5	2751.3	2752.9	2773.8	2799.6
27.5°	2809.3	2815.7	2794.8	2773.8	2778.7	2777.1	2781.9	2786.7	2802.8	2828.6
30°	2859.2	2864.1	2846.3	2825.4	2822.2	2810.9	2825.4	2841.5	2859.2	2881.8
32.5°	2941.4	2951.0	2928.5	2905.9	2891.4	2885.0	2896.3	2923.7	2947.8	2972.0
35°	3078.3	3084.7	3063.8	3021.9	2996.1	2996.1	3005.8	3041.2	3079.9	3110.5
37.5°	3271.6	3279.6	3242.6	3192.7	3154.0	3154.0	3166.9	3203.9	3261.9	3305.4
40°	3506.8	3518.0	3471.3	3419.8	3382.7	3376.3	3392.4	3434.3	3489.1	3543.8
42.5°	3790.3	3803.2	3742.0	3696.9	3667.9	3667.9	3675.9	3714.6	3764.5	3832.2
45°	4152.7	4175.3	4091.5	4046.4	4019.0	4025.5	4030.3	4064.1	4109.2	4186.5
47.5°	4584.4	4607.0	4518.4	4471.7	4466.8	4497.4	4478.1	4502.3	4526.4	4615.0
50°	5074.1	5112.8	5051.6	5048.3	5058.0	5114.4	5069.3	5082.2	5054.8	5111.2
52.5°	5673.3	5729.7	5718.4	5737.8	5845.7	5961.7	5858.6	5813.5	5710.4	5728.1
55°	6399.8	6485.2	6501.3	6617.3	6862.1	7098.9	6879.8	6697.8	6478.8	6438.5
57.5°	7226.2	7293.8	7371.1	7607.9	8065.4	8485.8	8065.4	7662.7	7318.0	7235.8
60°	8115.4	8199.1	8273.2	8622.8	9302.5	9893.7	9289.6	8650.1	8194.3	8083.1
62.5°	9070.6	9178.5	9230.0	9618.3	10410.8	11116.3	10422.1	9647.2	9141.4	9022.2
65°	9987.1	10075.7	10133.7	10547.7	11304.8	12011.9	11356.3	10592.8	10072.5	9916.3
67.5°	10414.0	10462.3	10604.1	11072.8	11871.8	12678.8	12007.1	11122.8	10541.3	10267.4
70°	9789.0	9690.7	10032.2	10782.9	11939.5	13088.0	12094.1	10760.3	10048.3	9603.8
72.5°	7564.4	7395.3	7988.1	9271.9	11166.3	12827.0	11243.6	9344.4	8357.0	7454.9
75°	4115.7	3924.0	4742.3	6366.0	8904.7	11117.9	9109.2	6548.0	5280.3	4085.1
77.5°	1161.4	1088.9	1749.4	3079.9	5356.0	7806.1	5562.2	3147.6	2074.7	1230.7
80°	356.0	344.7	467.1	927.8	2274.5	3738.7	2185.9	939.1	594.4	375.3
82.5°	211.0	193.3	232.0	338.3	579.9	1174.3	563.8	352.8	283.5	190.1
85°	120.8	112.8	136.9	164.3	194.9	249.7	162.7	167.5	151.4	101.5
87.5°	49.9	45.1	53.2	51.5	45.1	58.0	43.5	51.5	61.2	40.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
2827.0
2817.3
2781.9
2743.2
2725.5
2725.5
2736.8
2757.7
2778.7
2788.3
2798.0
2822.2
2876.9
2962.3
3099.2
3289.3
3526.1
3827.3
4183.3
4589.2
5077.3
5668.5
6375.7
7177.8
7986.5
8925.6
9838.9
10270.6
9710.1
7678.8
4350.8
1367.6
396.3
206.2
106.3
37.0
0.0

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