

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: P850244

Luminaire Tested: **GLAN-SB7C-930-U-T1**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P850244  
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-SB7C-930-U-T1  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(7) 90 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 35546 lumens  
Efficiency: N/A  
Efficacy: 101.4 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type I - Short  
BUG Rating: B5 - U0 - G5

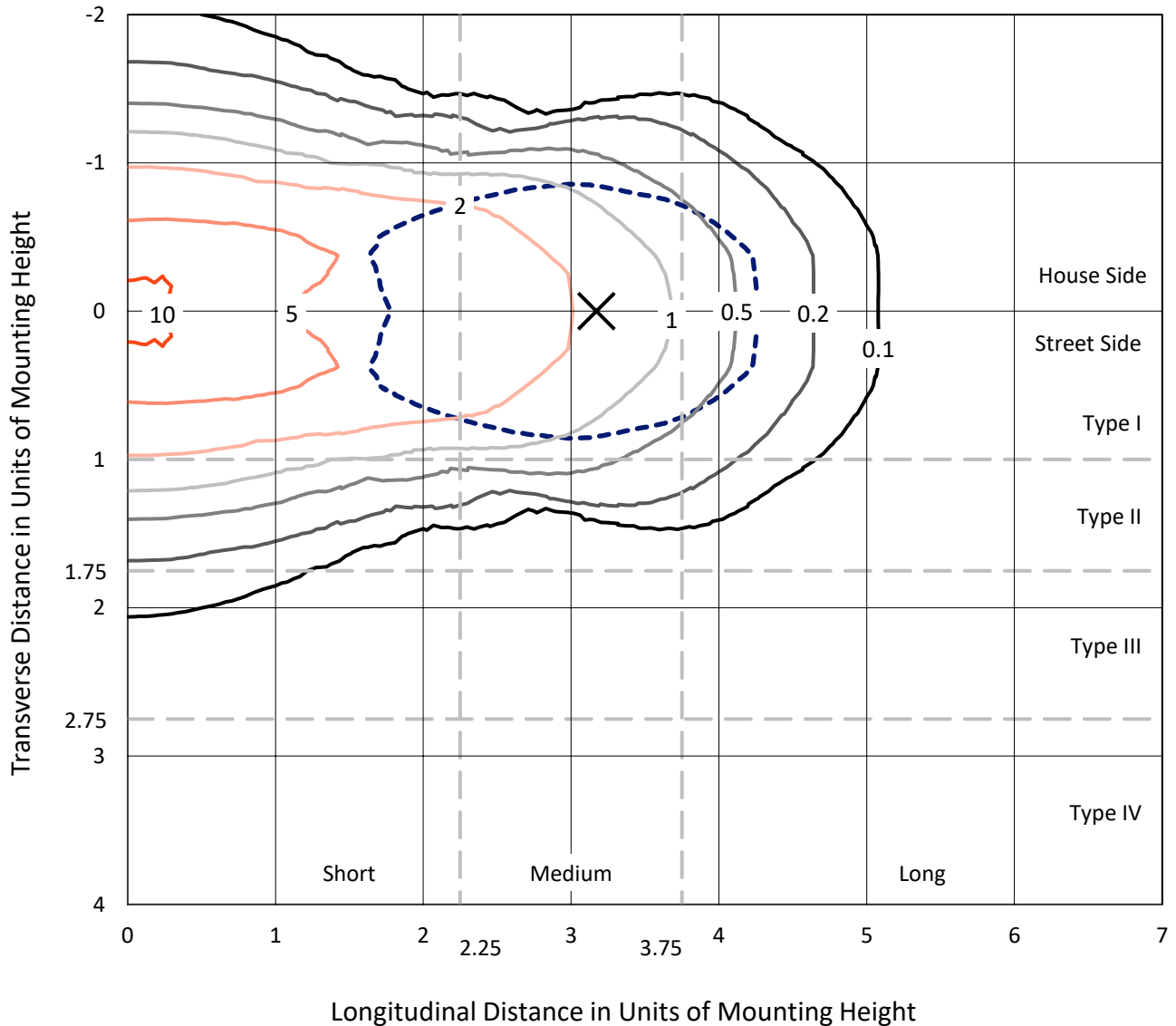
Input Watts (W): 350.5  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

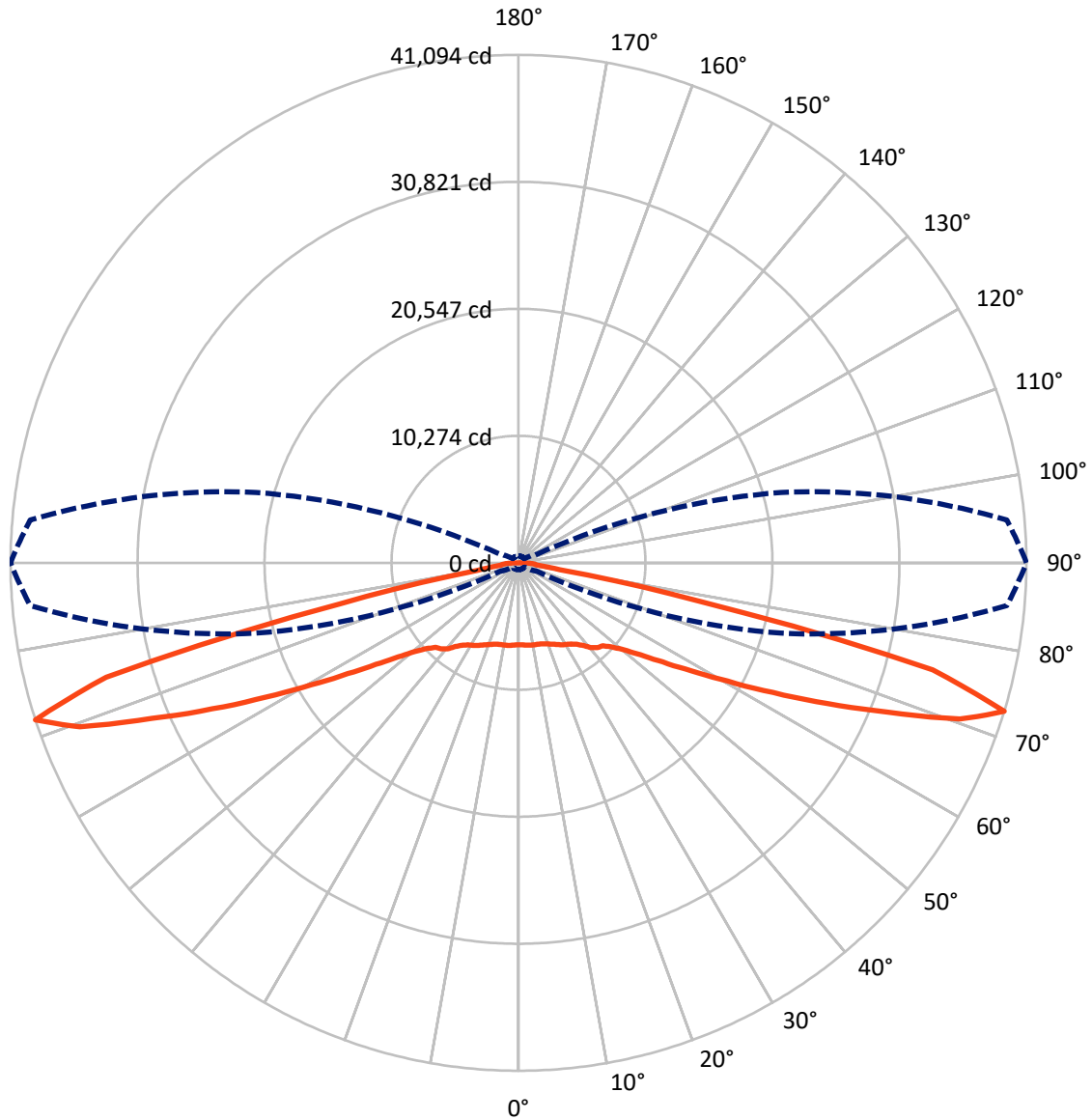
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.6 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	17773.0	0.0	17773.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	17773.0	0.0	17773.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	35546.0	0.0	35546.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	644.0	1.8
10°-20°	1969.2	5.5
20°-30°	3283.5	9.2
30°-40°	4515.8	12.7
40°-50°	5515.0	15.5
50°-60°	6378.7	17.9
60°-70°	7605.6	21.4
70°-80°	5308.2	14.9
80°-90°	326.0	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°	35546.0	100.0
0°-180°	35546.0	100.0

**Coefficient of Utilization**

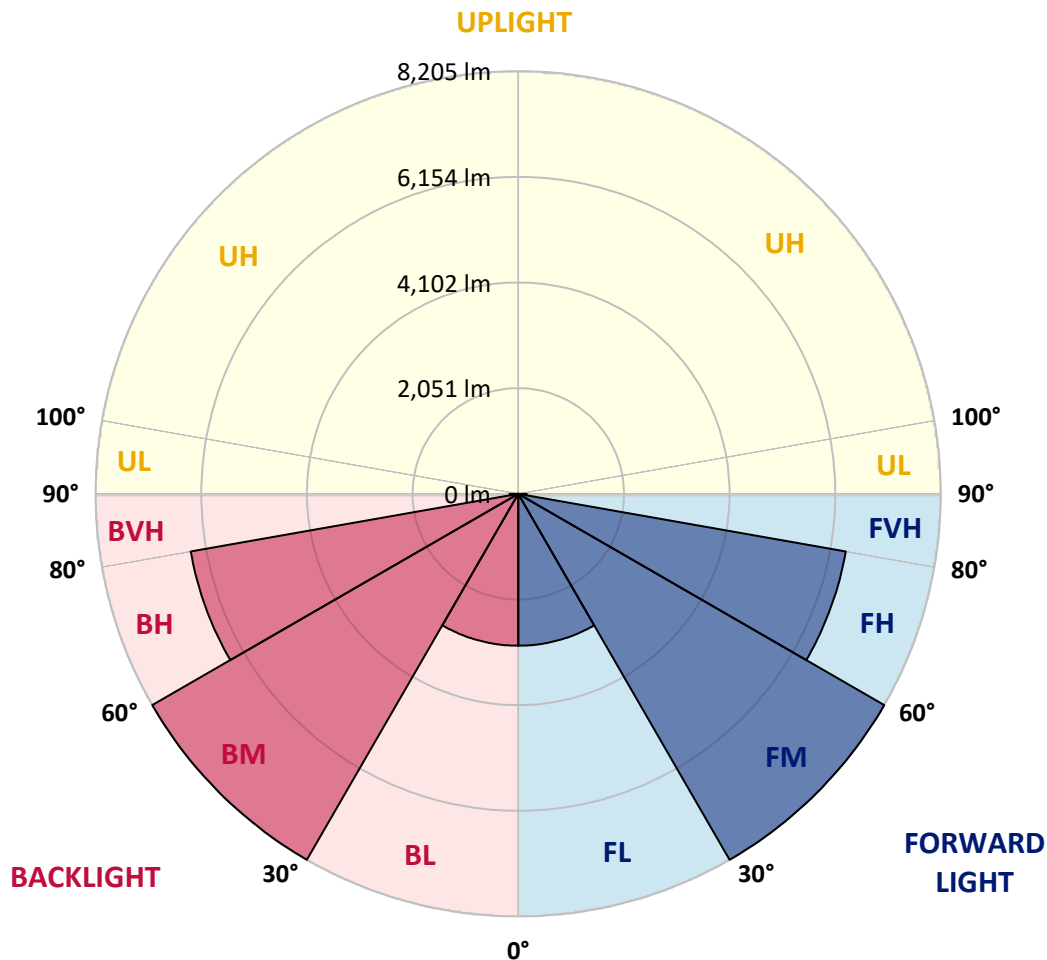


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2948.4	8.3			
FM (30°-60°)	8204.8	23.1			
FH (60°-80°)	6456.9	18.2			G3/7500
FVH (80°-90°)	163.0	0.5			G2/225
BL (0°-30°)	2948.4	8.3	B4/5000		
BM (30°-60°)	8204.8	23.1	B4/8500		
BH (60°-80°)	6456.9	18.2	B5		G5
BVH (80°-90°)	163.0	0.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B5-U0-G5**  
 Type I Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6642.1	6642.1	6642.1	6642.1	6642.1	6642.1	6642.1	6642.1	6642.1	6642.1
2.5°	6647.8	6655.4	6655.4	6649.7	6662.9	6651.6	6651.6	6645.9	6651.6	6645.9
5°	6681.8	6691.3	6695.0	6693.2	6710.2	6700.7	6700.7	6693.2	6695.0	6689.4
7.5°	6746.0	6759.3	6766.8	6776.3	6800.8	6789.5	6781.9	6759.3	6749.8	6734.7
10°	6766.8	6781.9	6806.5	6855.6	6912.3	6914.2	6891.5	6834.8	6791.4	6757.4
12.5°	6702.6	6723.4	6774.4	6874.5	7001.1	7052.1	7016.2	6921.7	6836.7	6776.3
15°	6621.4	6644.0	6721.5	6872.6	7059.6	7178.7	7174.9	7050.2	6914.2	6819.7
17.5°	6494.8	6517.5	6628.9	6840.5	7105.0	7301.4	7354.3	7225.9	7035.1	6908.5
20°	6266.2	6287.0	6441.9	6738.5	7120.1	7431.8	7569.7	7456.4	7218.3	7046.4
22.5°	5969.6	6001.7	6183.1	6562.8	7084.2	7567.8	7815.3	7737.8	7431.8	7193.8
25°	5652.2	5686.3	5897.8	6347.4	6991.6	7666.0	8106.2	8057.1	7673.6	7377.0
27.5°	5378.3	5414.2	5644.7	6134.0	6848.1	7703.8	8393.4	8417.9	7966.4	7579.1
30°	5163.0	5197.0	5442.6	5962.1	6662.9	7666.0	8644.6	8814.6	8264.9	7754.8
32.5°	4926.8	4970.3	5229.1	5752.4	6443.8	7575.4	8863.8	9243.5	8610.6	7943.7
35°	4628.3	4668.0	4940.0	5465.2	6156.6	7429.9	9047.0	9719.5	9105.6	8230.9
37.5°	4265.6	4303.4	4573.6	5106.3	5871.4	7225.9	9186.8	10256.0	9695.0	8644.6
40°	3901.0	3936.9	4190.1	4705.8	5529.5	6965.2	9235.9	10781.2	10371.3	9213.2
42.5°	3566.7	3598.8	3831.1	4311.0	5146.0	6632.7	9171.7	11238.4	10977.7	9610.0
45°	3258.7	3287.1	3493.0	3940.7	4747.4	6228.4	8979.0	11729.5	11699.3	9893.3
47.5°	2907.4	2935.7	3149.2	3581.8	4348.8	5754.3	8652.2	12213.2	12702.4	10535.6
50°	2478.5	2503.1	2722.2	3168.1	3935.0	5249.9	8198.8	12592.9	13968.2	11508.5
52.5°	1970.4	1996.8	2210.3	2656.1	3443.9	4707.7	7601.8	12840.3	15430.3	12929.1
55°	1466.0	1484.8	1670.0	2070.5	2835.6	4089.9	6853.7	12910.2	17089.0	14871.2
57.5°	1063.6	1074.9	1193.9	1492.4	2149.8	3317.3	5945.1	12728.9	19063.1	17361.0
60°	861.4	865.2	901.1	1033.3	1494.3	2444.5	4847.5	12105.5	21205.4	20570.6
62.5°	782.1	782.1	791.5	827.4	1010.7	1613.3	3519.4	10813.3	23502.5	24626.6
65°	727.3	727.3	731.1	748.1	797.2	1027.7	2221.6	8708.8	25438.9	29377.7
67.5°	678.2	680.1	678.2	683.9	712.2	759.4	1288.4	6015.0	26481.7	34300.7
70°	627.2	631.0	621.5	621.5	644.2	646.1	806.7	3298.4	25616.5	38426.6
72.5°	566.7	572.4	557.3	553.5	570.5	563.0	606.4	1583.1	21993.1	39658.3
75°	513.8	521.4	487.4	477.9	477.9	472.3	493.1	812.3	14274.2	32351.2
77.5°	466.6	481.7	426.9	396.7	389.2	372.2	402.4	496.8	6243.5	15188.5
80°	385.4	406.2	351.4	315.5	302.3	283.4	317.4	347.6	1857.0	3527.0
82.5°	287.1	296.6	249.4	224.8	213.5	200.2	238.0	241.8	604.5	1248.7
85°	183.2	187.0	153.0	132.2	126.6	120.9	151.1	132.2	230.5	918.1
87.5°	64.2	73.7	58.6	52.9	56.7	47.2	69.9	39.7	64.2	648.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

6642.1  
6645.9  
6689.4  
6734.7  
6751.7  
6766.8  
6804.6  
6887.7  
7014.3  
7150.3  
7316.6  
7514.9  
7662.3  
7826.6  
8100.5  
8470.8  
9028.1  
9371.9  
9572.2  
10165.4  
11043.8  
12356.7  
14155.2  
16459.9  
19435.3  
23105.8  
27454.6  
32224.6  
37880.6  
41094.0  
34603.0  
14873.0  
3377.7  
1411.2  
1333.7  
802.9  
0.0

OF REPORT)