

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: P849124

Luminaire Tested: **GLAN-SB6A-735-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P849124
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-735-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 3500K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26407 lumens
Efficiency: N/A
Efficacy: 154.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B4 - U0 - G4

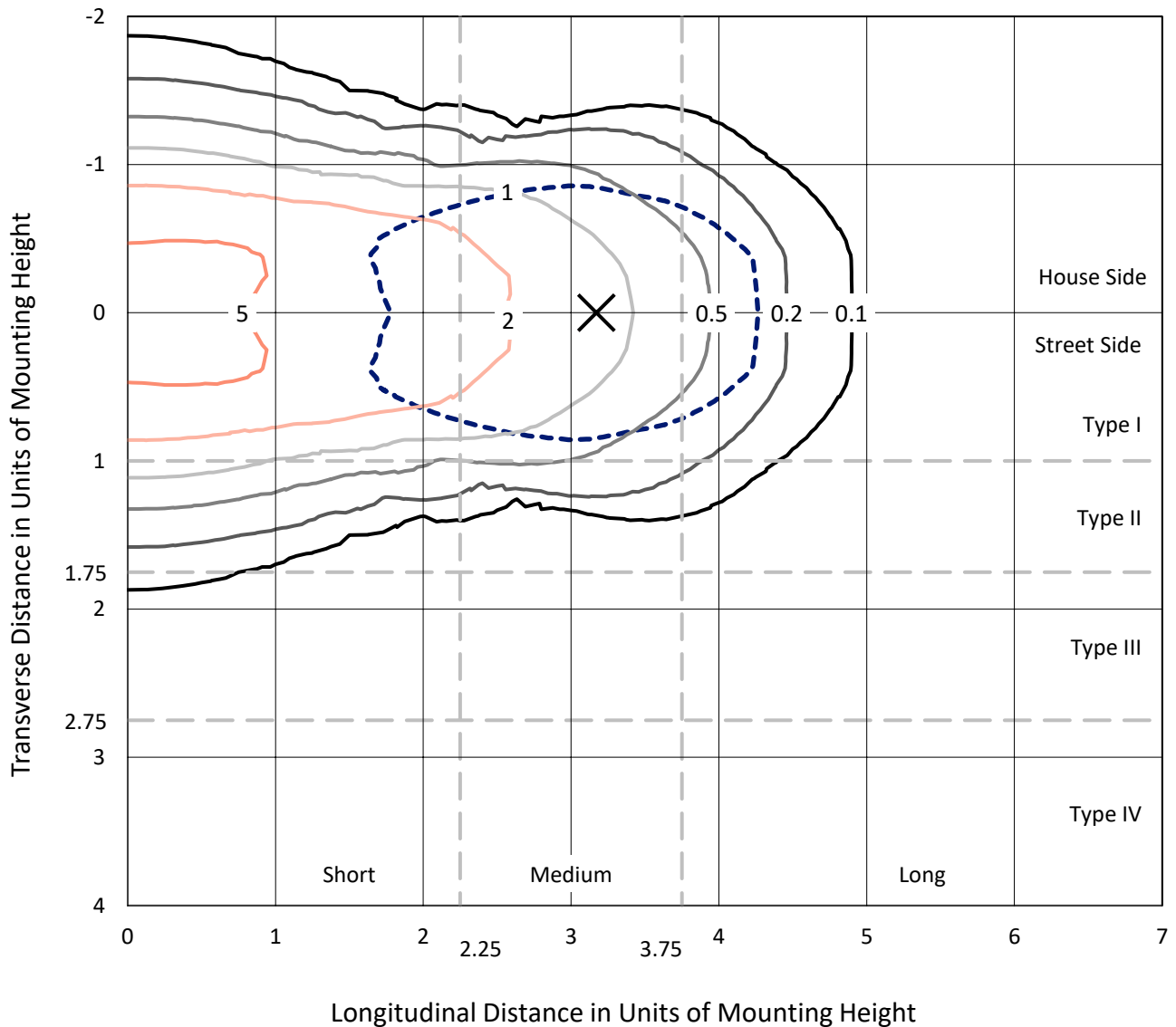
Input Watts (W): 170.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

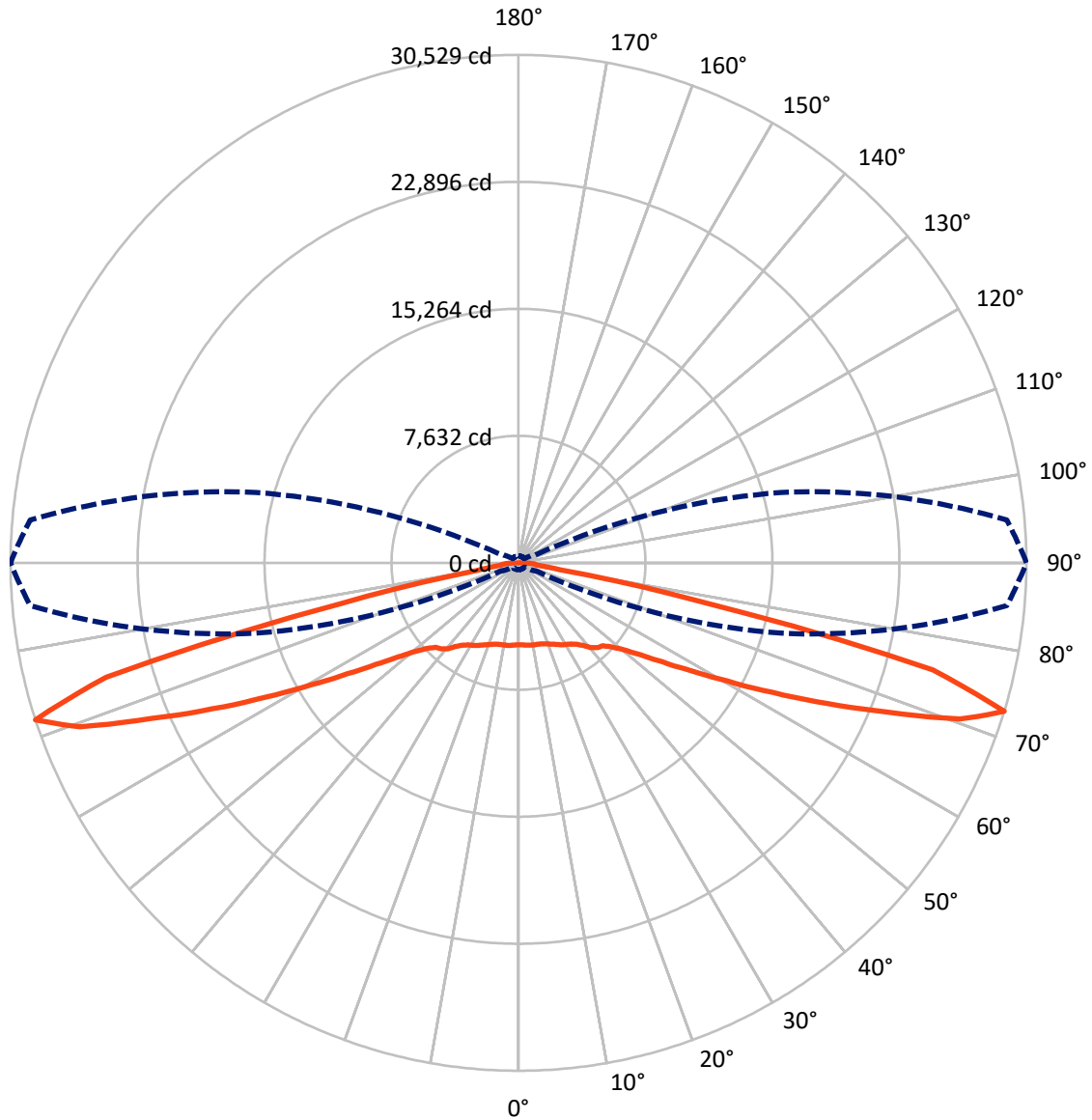
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.9 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
House Side	Lumens	13203.5	0.0	13203.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	13203.5	0.0	13203.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	26407.0	0.0	26407.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	478.5	1.8
10°-20°	1462.9	5.5
20°-30°	2439.3	9.2
30°-40°	3354.8	12.7
40°-50°	4097.1	15.5
50°-60°	4738.7	17.9
60°-70°	5650.1	21.4
70°-80°	3943.4	14.9
80°-90°	242.2	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°	26407.0	100.0
0°-180°	26407.0	100.0

Coefficient of Utilization

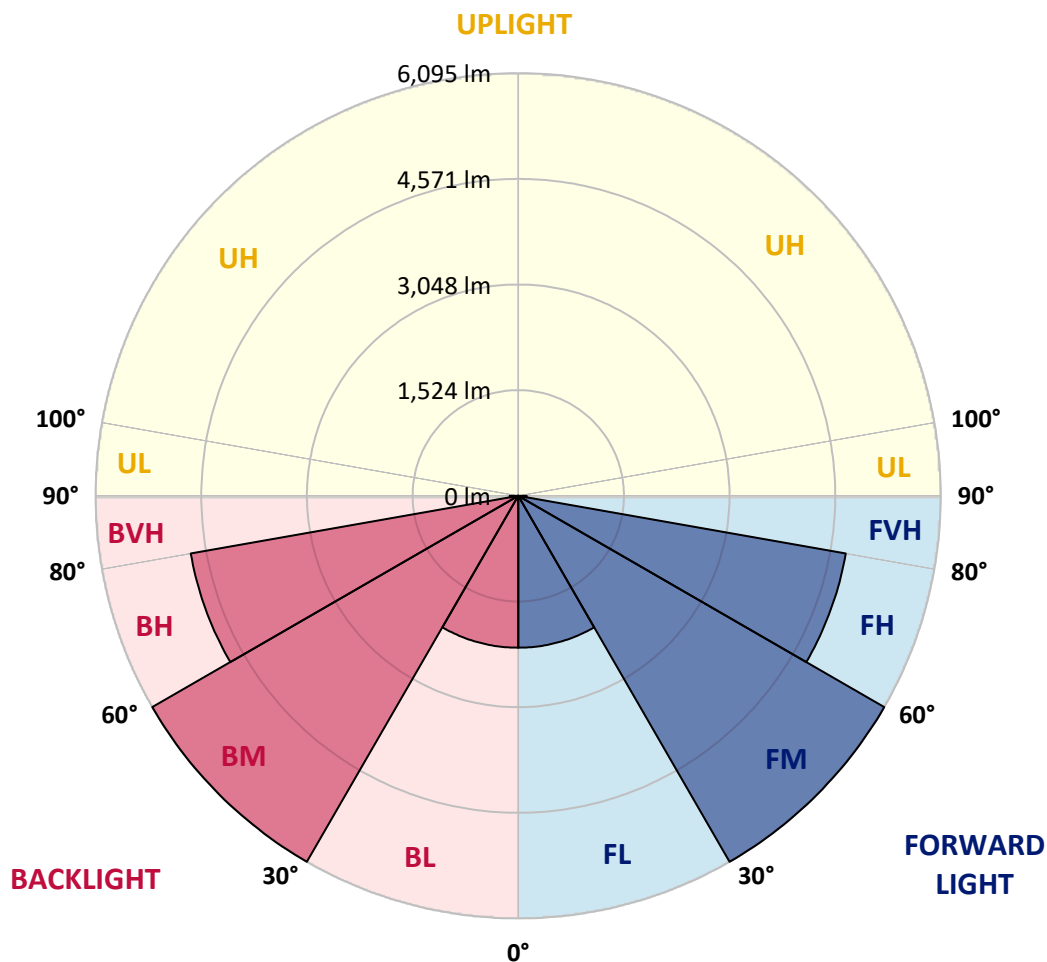


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2190.3	8.3			
FM (30°-60°)	6095.3	23.1			
FH (60°-80°)	4796.8	18.2			G2/5000
FVH (80°-90°)	121.1	0.5			G2/225
BL (0°-30°)	2190.3	8.3	B3/2500		
BM (30°-60°)	6095.3	23.1	B4/8500		
BH (60°-80°)	4796.8	18.2	B4/5000		G4/5000
BVH (80°-90°)	121.1	0.5			G2/225
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°	4934.4	4934.4	4934.4	4934.4	4934.4	4934.4	4934.4	4934.4	4934.4	4934.4
2.5°	4938.6	4944.3	4944.3	4940.0	4949.9	4941.4	4941.4	4937.2	4941.4	4937.2
5°	4963.9	4970.9	4973.7	4972.3	4984.9	4977.9	4977.9	4972.3	4973.7	4969.5
7.5°	5011.6	5021.4	5027.1	5034.1	5052.3	5043.9	5038.3	5021.4	5014.4	5003.2
10°	5027.1	5038.3	5056.5	5093.0	5135.1	5136.5	5119.7	5077.6	5045.3	5020.0
12.5°	4979.3	4994.8	5032.7	5107.0	5201.1	5239.0	5212.3	5142.1	5079.0	5034.1
15°	4919.0	4935.8	4993.4	5105.6	5244.6	5333.0	5330.2	5237.6	5136.5	5066.3
17.5°	4825.0	4841.8	4924.6	5081.8	5278.3	5424.2	5463.5	5368.1	5226.3	5132.3
20°	4655.1	4670.6	4785.7	5006.0	5289.5	5521.1	5623.5	5539.3	5362.5	5234.8
22.5°	4434.8	4458.7	4593.4	4875.5	5262.8	5622.1	5806.0	5748.4	5521.1	5344.2
25°	4199.0	4224.3	4381.5	4715.5	5194.1	5695.1	6022.1	5985.6	5700.7	5480.4
27.5°	3995.5	4022.2	4193.4	4556.9	5087.4	5723.1	6235.4	6253.6	5918.2	5630.5
30°	3835.5	3860.8	4043.3	4429.2	4949.9	5695.1	6422.1	6548.4	6140.0	5761.0
32.5°	3660.1	3692.4	3884.7	4273.4	4787.1	5627.7	6584.8	6866.9	6396.8	5901.4
35°	3438.4	3467.9	3669.9	4060.1	4573.7	5519.7	6721.0	7220.6	6764.5	6114.7
37.5°	3168.9	3197.0	3397.7	3793.4	4361.8	5368.1	6824.8	7619.2	7202.4	6422.1
40°	2898.1	2924.7	3112.8	3495.9	4107.8	5174.4	6861.3	8009.3	7704.8	6844.5
42.5°	2649.7	2673.5	2846.1	3202.6	3822.9	4927.4	6813.6	8348.9	8155.3	7139.2
45°	2420.9	2442.0	2594.9	2927.5	3526.8	4627.1	6670.5	8713.8	8691.4	7349.7
47.5°	2159.9	2180.9	2339.5	2660.9	3230.7	4274.8	6427.7	9073.1	9436.6	7826.9
50°	1841.3	1859.5	2022.3	2353.5	2923.3	3900.1	6090.8	9355.2	10376.9	8549.6
52.5°	1463.8	1483.4	1642.0	1973.2	2558.4	3497.3	5647.4	9539.0	11463.1	9605.0
55°	1089.1	1103.1	1240.6	1538.1	2106.5	3038.4	5091.6	9591.0	12695.3	11047.7
57.5°	790.1	798.5	887.0	1108.7	1597.1	2464.4	4416.6	9456.2	14161.9	12897.4
60°	640.0	642.8	669.4	767.7	1110.1	1816.0	3601.2	8993.1	15753.4	15281.8
62.5°	581.0	581.0	588.0	614.7	750.8	1198.5	2614.6	8033.2	17460.0	18295.0
65°	540.3	540.3	543.1	555.8	592.2	763.5	1650.4	6469.8	18898.5	21824.6
67.5°	503.8	505.2	503.8	508.0	529.1	564.2	957.1	4468.5	19673.1	25481.9
70°	465.9	468.7	461.7	461.7	478.6	480.0	599.3	2450.4	19030.4	28547.0
72.5°	421.0	425.2	414.0	411.2	423.8	418.2	450.5	1176.1	16338.6	29462.0
75°	381.7	387.3	362.1	355.1	355.1	350.9	366.3	603.5	10604.2	24033.6
77.5°	346.6	357.9	317.2	294.7	289.1	276.5	298.9	369.1	4638.3	11283.5
80°	286.3	301.7	261.0	234.4	224.5	210.5	235.8	258.2	1379.6	2620.2
82.5°	213.3	220.3	185.3	167.0	158.6	148.8	176.8	179.6	449.1	927.7
85°	136.1	138.9	113.7	98.2	94.0	89.8	112.3	98.2	171.2	682.1
87.5°	47.7	54.7	43.5	39.3	42.1	35.1	51.9	29.5	47.7	481.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

4934.4
4937.2
4969.5
5003.2
5015.8
5027.1
5055.1
5116.9
5210.9
5311.9
5435.4
5582.8
5692.3
5814.4
6017.9
6292.9
6706.9
6962.4
7111.1
7551.8
8204.4
9179.8
10515.8
12228.0
14438.4
17165.2
20395.9
23939.5
28141.4
30528.6
25706.5
11049.1
2509.3
1048.4
990.8
596.5
0.0

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