

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: P648971

Luminaire Tested: **GLAN-SA6C-835-U-RW-GRSBK**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P648971
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-7)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA6C-835-U-RW-GRSBK
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 80 CRI, 3500K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND RECTANGULAR
WIDE OPTICS WITH BLACK GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 21095.6 lumens
Efficiency: N/A
Efficacy: 65.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G1

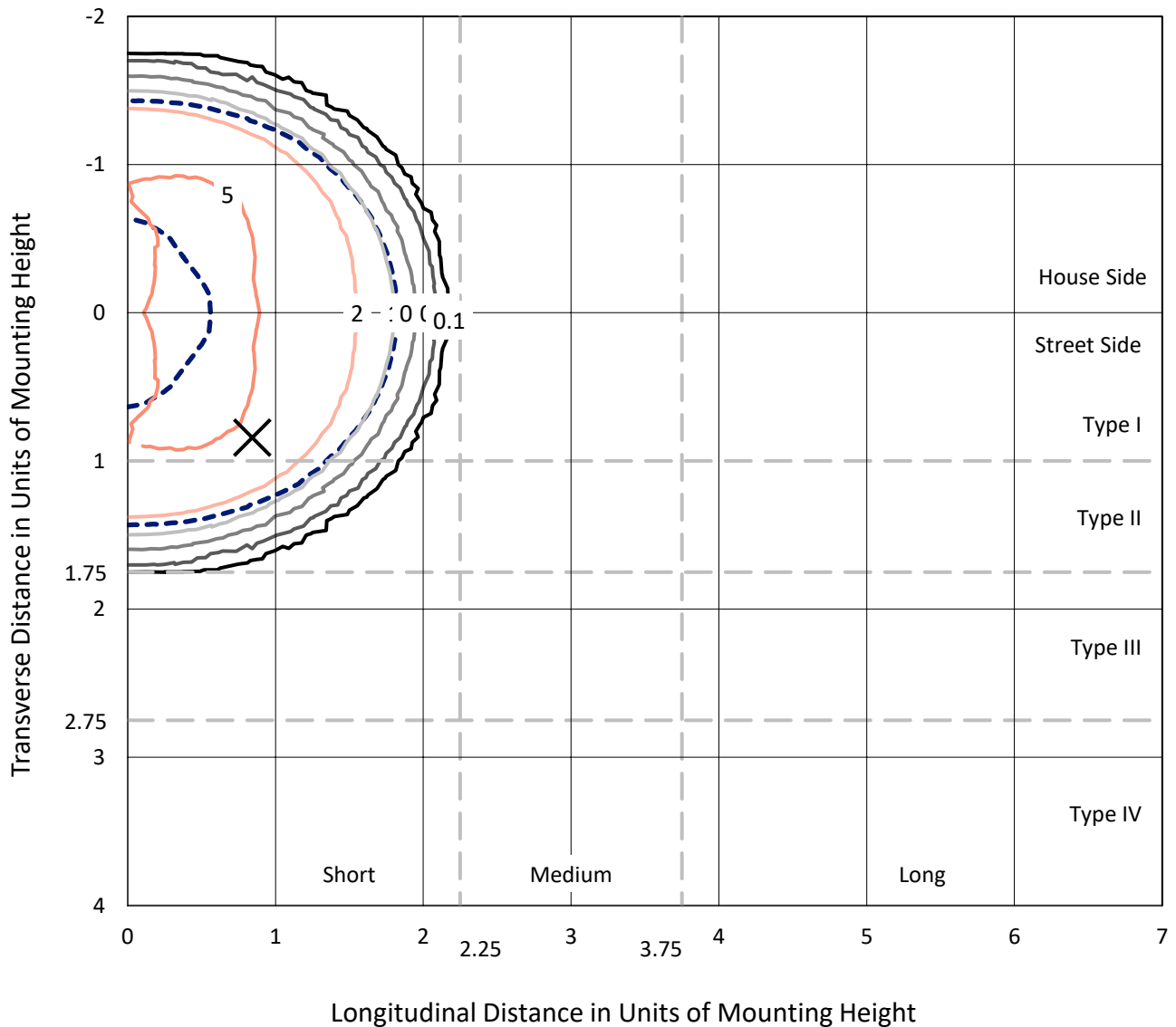
Input Watts (W): 321
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

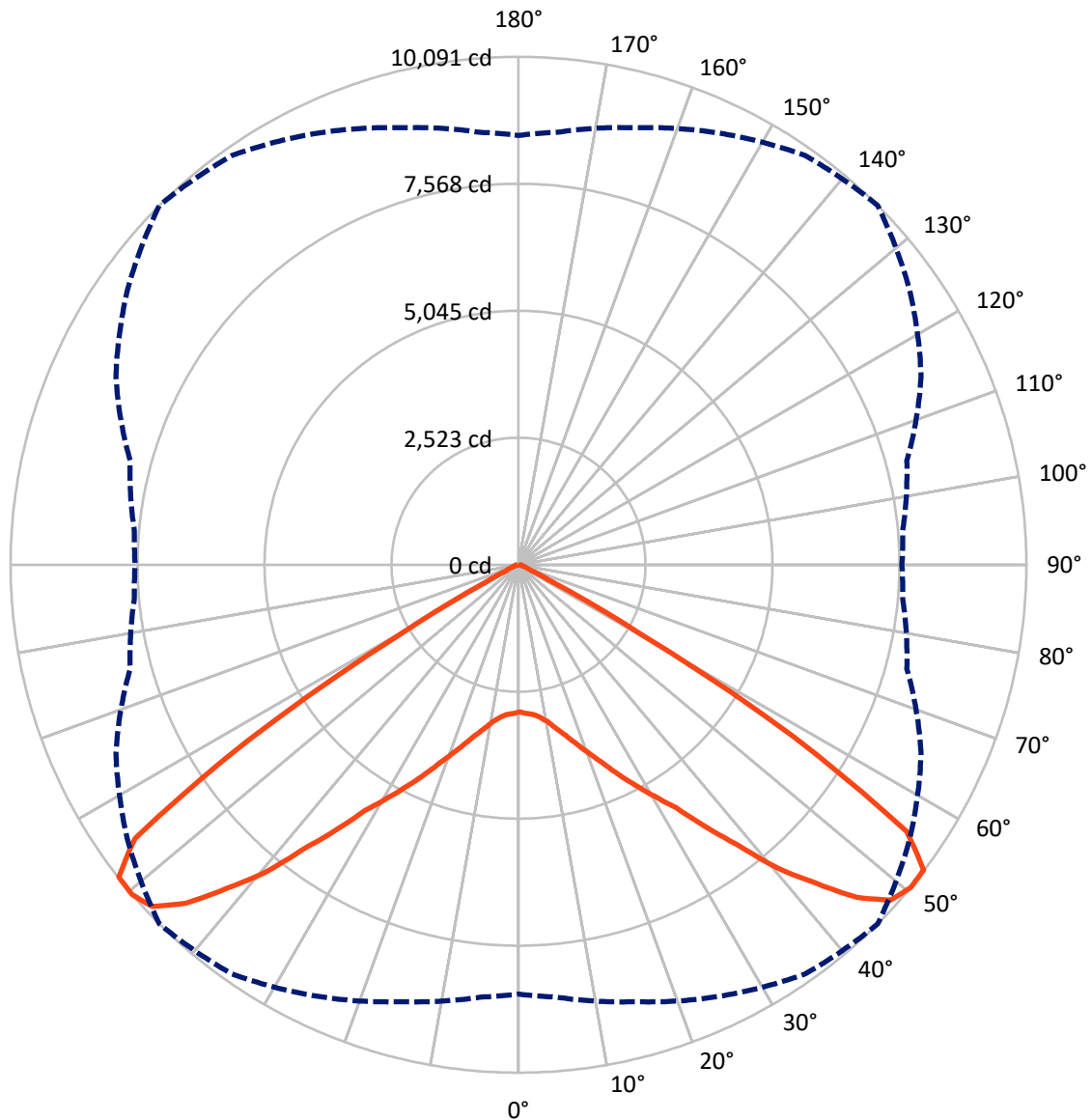
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.6 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 50-Deg Vertical

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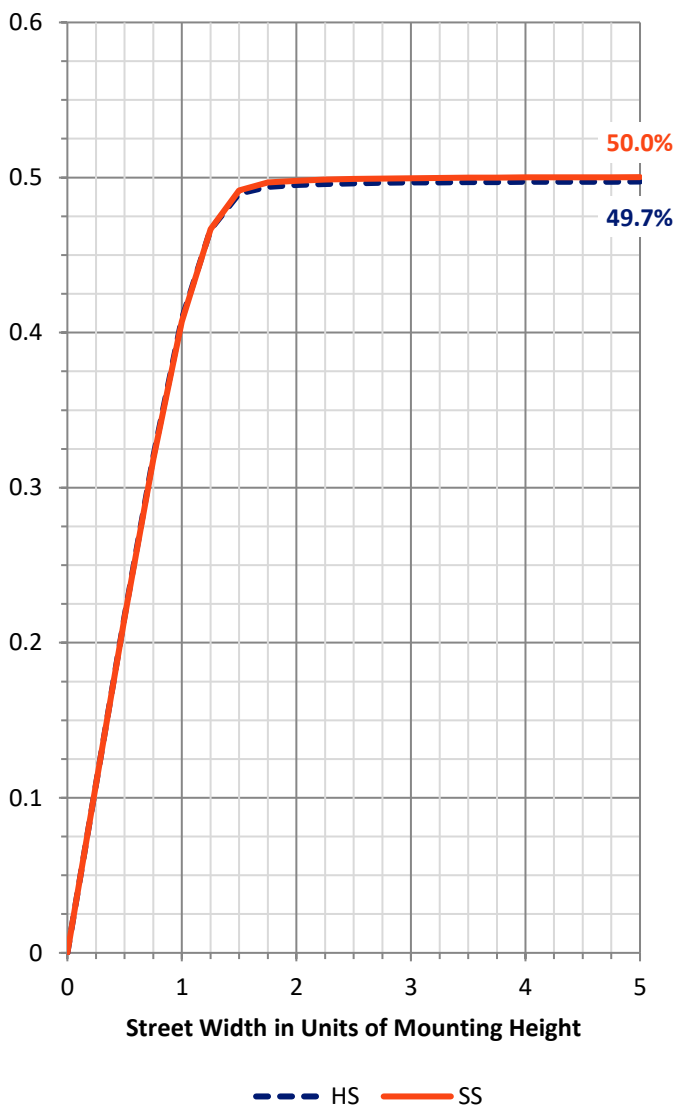
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10547.8	0.0	10547.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	10547.8	0.0	10547.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	21095.6	0.0	21095.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	291.0	1.4
10°-20°	1002.8	4.8
20°-30°	2048.1	9.7
30°-40°	3905.8	18.5
40°-50°	6581.9	31.2
50°-60°	6277.0	29.8
60°-70°	876.2	4.2
70°-80°	83.8	0.4
80°-90°	28.9	0.1
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°	21095.6	100.0
0°-180°	21095.6	100.0

Coefficient of Utilization



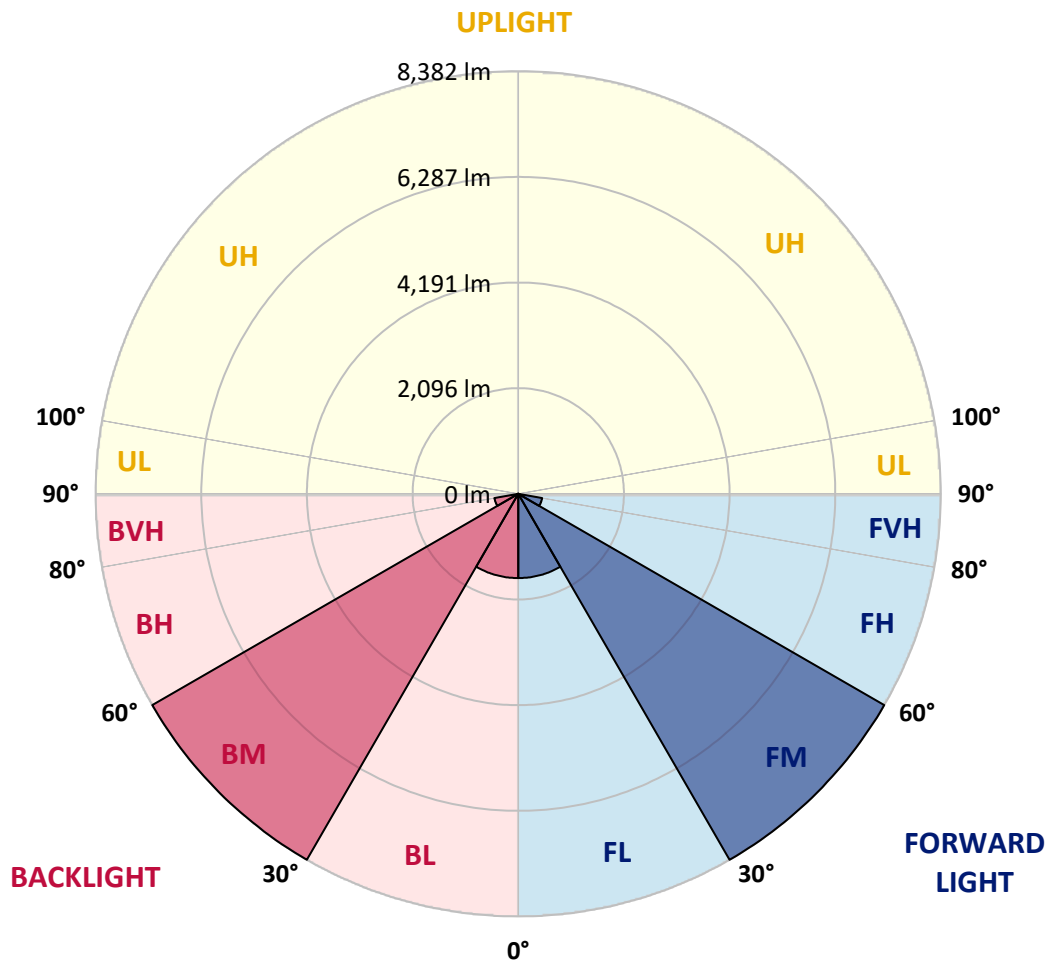
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1671.0	7.9			
FM (30°-60°)	8382.3	39.7			
FH (60°-80°)	480.0	2.3			G0/660
FVH (80°-90°)	14.5	0.1			G1/100
BL (0°-30°)	1671.0	7.9	B3/2500		
BM (30°-60°)	8382.3	39.7	B4/8500		
BH (60°-80°)	480.0	2.3	B1/500		G0/660
BVH (80°-90°)	14.5	0.1			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	2924.7	2924.7	2924.7	2924.7	2924.7	2924.7	2924.7	2924.7	2924.7	2924.7	2924.7
2.5°	2914.0	2914.0	2910.5	2938.8	2924.7	2956.6	2953.1	2963.7	2974.4	2970.8	2999.2
5°	2889.2	2885.6	2885.6	2917.5	2949.5	2985.0	3017.0	3038.3	3073.7	3073.7	3109.2
7.5°	2914.0	2896.2	2921.1	2935.3	2995.7	3056.0	3109.2	3151.8	3233.5	3261.8	3251.3
10°	2921.1	2942.4	2960.1	3002.7	3077.3	3169.6	3215.7	3322.2	3414.5	3478.4	3492.6
12.5°	2967.3	2999.2	3048.9	3151.8	3219.3	3340.0	3403.9	3506.7	3634.5	3705.5	3755.2
15°	3056.0	3066.6	3130.5	3261.8	3407.4	3517.4	3616.8	3691.3	3815.6	3897.2	3900.7
17.5°	3169.6	3215.7	3304.4	3428.7	3581.3	3744.5	3822.7	3904.3	3950.5	4060.5	4085.3
20°	3396.7	3403.9	3489.0	3652.3	3844.0	3993.1	4049.8	4092.4	4074.7	4188.3	4209.6
22.5°	3609.7	3616.8	3723.2	3943.3	4149.2	4277.0	4301.8	4277.0	4223.7	4305.4	4312.5
25°	3826.2	3890.1	3968.2	4188.3	4443.8	4614.1	4617.7	4550.2	4440.2	4454.4	4490.0
27.5°	4163.4	4209.6	4291.2	4493.5	4773.9	4965.6	4933.6	4851.9	4710.0	4720.6	4710.0
30°	4557.4	4600.0	4667.4	4926.5	5132.4	5341.8	5387.9	5309.8	5096.9	5050.7	5104.0
32.5°	5033.0	5093.3	5217.5	5455.4	5629.3	5757.1	5789.0	5760.6	5561.8	5544.1	5579.6
35°	5611.5	5693.2	5806.7	6016.2	6158.1	6388.8	6388.8	6293.0	6112.0	6133.3	6129.7
37.5°	6222.0	6342.7	6520.2	6733.1	6924.8	7049.0	7010.0	6928.4	6747.3	6701.1	6747.3
40°	6988.7	7049.0	7272.7	7549.5	7783.7	7925.7	7758.9	7581.4	7148.4	7215.8	7340.1
42.5°	7687.9	7783.7	7954.1	8259.3	8525.5	8642.7	8444.0	8092.5	7570.7	7517.5	7609.8
45°	8284.2	8387.1	8610.7	9047.3	9327.7	9430.6	8990.6	8422.7	7826.3	7691.5	7730.5
47.5°	8681.7	8735.0	9047.3	9462.6	9718.1	9952.4	9320.6	8649.8	7947.0	7691.5	7677.2
50°	8529.1	8621.4	8987.0	9459.0	9924.0	10090.8	9487.5	8823.7	7986.1	7659.5	7616.9
52.5°	7574.4	7734.1	8142.3	8777.6	9480.3	10076.7	9718.1	8766.9	7971.9	7691.5	7755.4
55°	5270.8	5274.4	5771.3	6708.3	7950.6	9356.1	9381.0	8830.8	8064.1	7890.2	7893.7
57.5°	2119.0	2225.4	2605.2	3545.8	4692.3	6424.4	7638.2	8191.9	8074.8	8032.2	8142.3
60°	536.0	539.5	656.6	1000.9	1650.5	2754.3	4000.1	5412.8	6232.7	6513.1	6552.1
62.5°	273.3	276.9	305.2	354.9	450.8	738.3	1313.2	2083.5	2963.7	3410.9	3528.0
65°	223.6	223.6	241.3	266.2	269.7	283.9	340.8	486.2	706.3	802.2	812.8
67.5°	170.4	170.4	184.6	198.7	205.9	202.3	195.2	202.3	244.9	234.3	227.1
70°	106.5	110.0	117.1	131.3	138.4	142.0	145.6	152.6	173.9	181.0	173.9
72.5°	63.9	63.9	67.4	78.1	88.7	95.8	106.5	113.6	124.3	142.0	138.4
75°	28.4	28.4	35.5	46.1	56.8	67.4	78.1	88.7	95.8	106.5	110.0
77.5°	7.1	10.6	17.8	31.9	42.6	56.8	71.0	81.7	88.7	88.7	85.2
80°	3.5	3.5	14.2	24.8	46.1	60.4	78.1	85.2	95.8	88.7	78.1
82.5°	3.5	3.5	14.2	24.8	42.6	60.4	81.7	92.3	99.4	88.7	74.5
85°	0.0	3.5	10.6	21.3	35.5	42.6	35.5	24.8	14.2	14.2	10.6
87.5°	0.0	0.0	3.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)