

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: P533793

Luminaire Tested: **GLAN-SA9B-730-U-RW-GRSBK**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P533793
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-SA9B-730-U-RW-GRSBK
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 3000K, 800mA 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: 30360 lumens
Efficiency: N/A
Efficacy: 83.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B5 - U0 - G1

Input Watts (W): 364
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

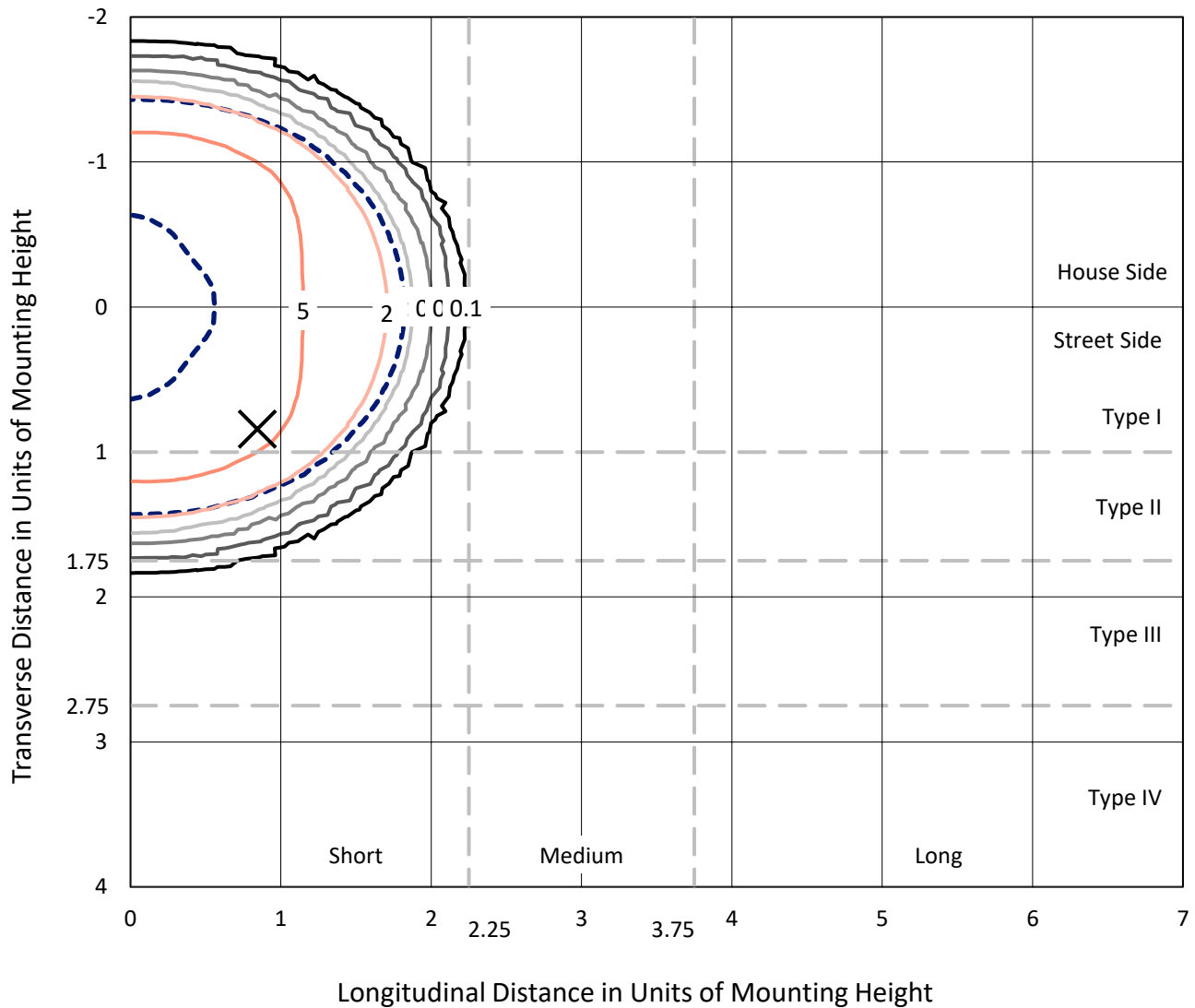


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

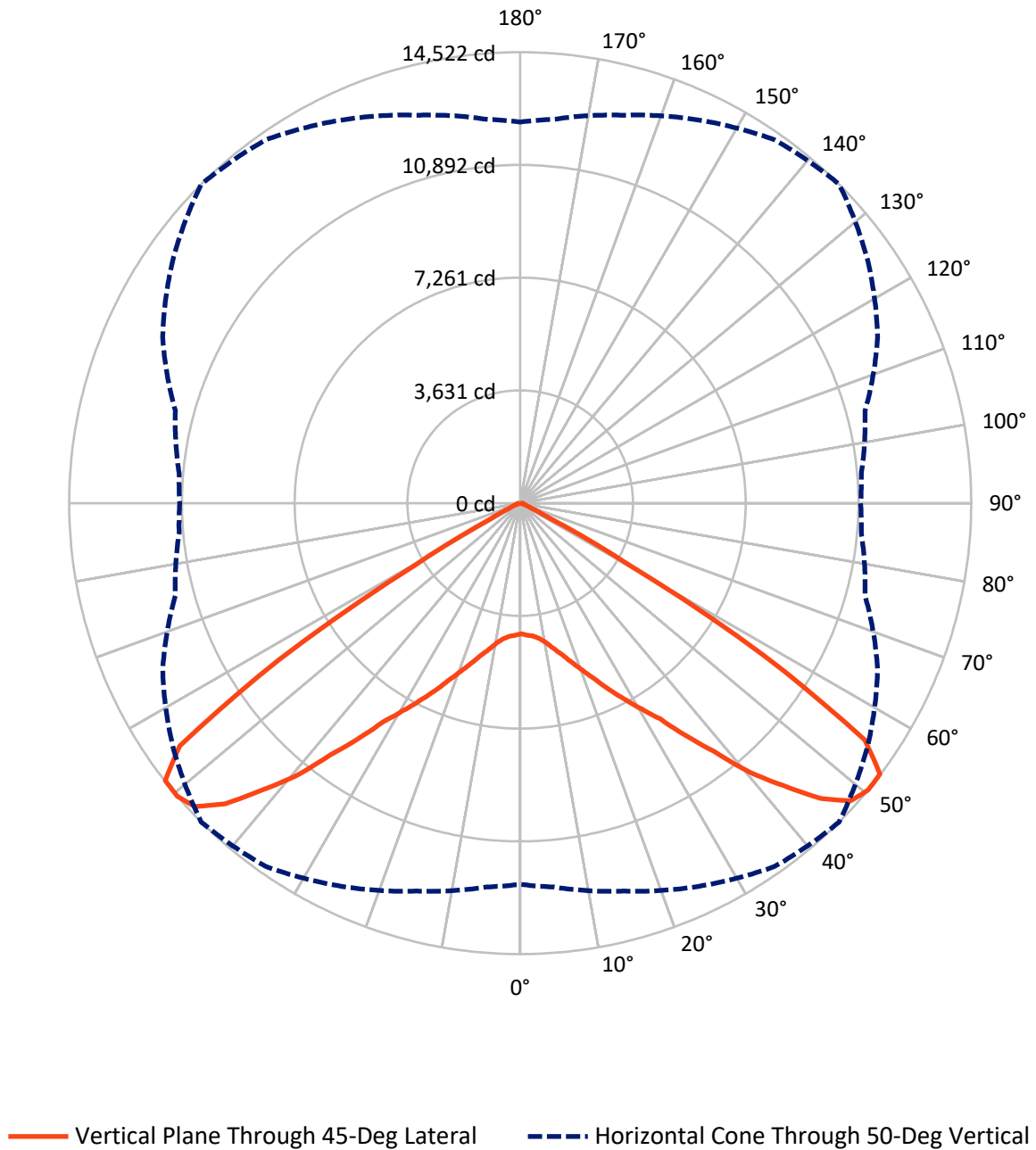


Based on 25 foot mounting height. Maximum calculated value = 8.1 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	15180.0	0.0	15180.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	15180.0	0.0	15180.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	30360.0	0.0	30360.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	418.7	1.4
10°-20°	1443.2	4.8
20°-30°	2947.6	9.7
30°-40°	5621.1	18.5
40°-50°	9472.4	31.2
50°-60°	9033.6	29.8
60°-70°	1261.0	4.2
70°-80°	120.6	0.4
80°-90°	41.7	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°	30360.0	100.0
0°-180°	30360.0	100.0

Coefficient of Utilization



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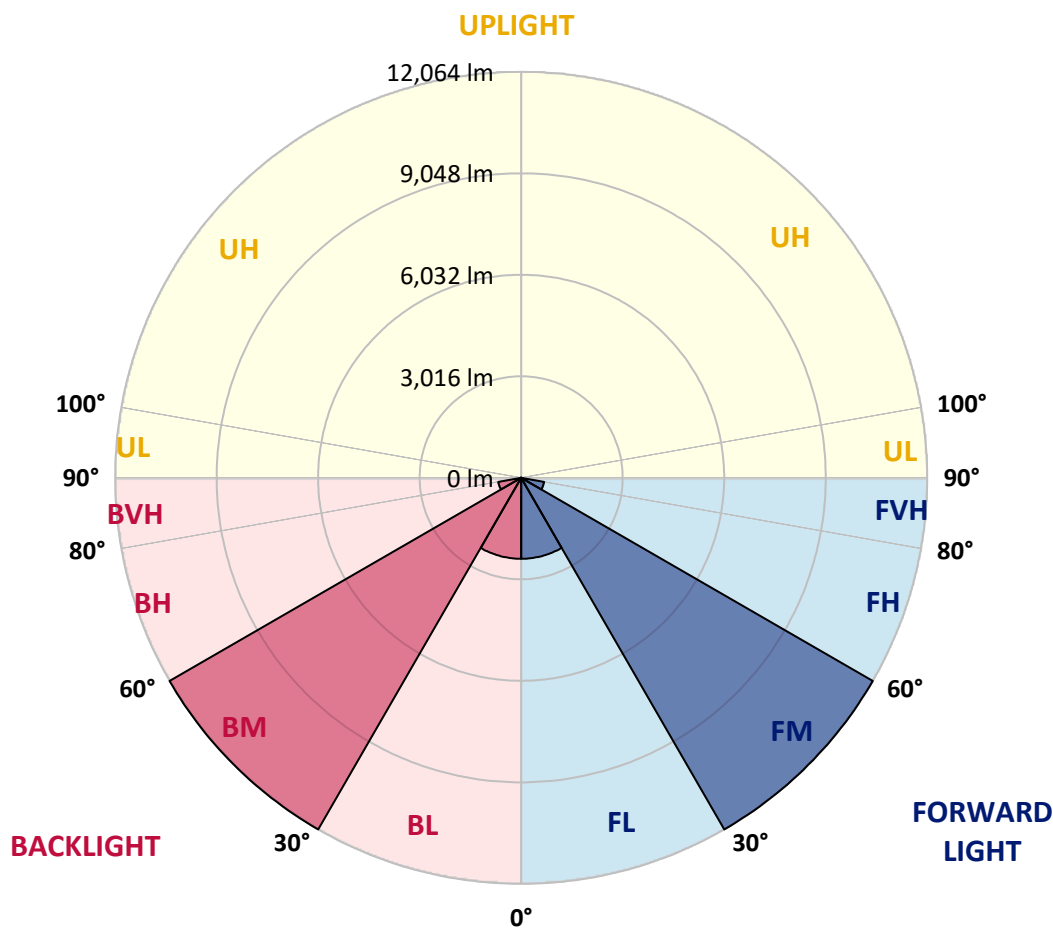
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2404.8	7.9			
FM	(30°-60°)	12063.6	39.7			
FH	(60°-80°)	690.8	2.3			G1/1800
FVH	(80°-90°)	20.8	0.1			G1/100
BL	(0°-30°)	2404.8	7.9	B3/2500		
BM	(30°-60°)	12063.6	39.7	B5		
BH	(60°-80°)	690.8	2.3	B2/1000		G1/1800
BVH	(80°-90°)	20.8	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	4209.1	4209.1	4209.1	4209.1	4209.1	4209.1	4209.1	4209.1	4209.1	4209.1	4209.1
2.5°	4193.8	4193.8	4188.6	4229.5	4209.1	4255.1	4249.9	4265.3	4280.6	4275.5	4316.4
5°	4158.0	4152.9	4152.9	4198.9	4244.8	4295.9	4341.9	4372.5	4423.6	4423.6	4474.7
7.5°	4193.8	4168.2	4204.0	4224.4	4311.2	4398.1	4474.7	4536.0	4653.5	4694.4	4679.0
10°	4204.0	4234.6	4260.2	4321.5	4428.7	4561.5	4627.9	4781.2	4914.0	5005.9	5026.4
12.5°	4270.4	4316.4	4387.9	4536.0	4633.1	4806.7	4898.7	5046.8	5230.7	5332.9	5404.4
15°	4398.1	4413.4	4505.4	4694.4	4903.8	5062.1	5205.2	5312.4	5491.2	5608.7	5613.8
17.5°	4561.5	4627.9	4755.6	4934.4	5154.1	5389.1	5501.4	5618.9	5685.3	5843.7	5879.4
20°	4888.5	4898.7	5021.3	5256.2	5532.1	5746.6	5828.3	5889.6	5864.1	6027.6	6058.2
22.5°	5194.9	5205.2	5358.4	5675.1	5971.4	6155.3	6191.0	6155.3	6078.6	6196.1	6206.3
25°	5506.5	5598.5	5710.9	6027.6	6395.3	6640.5	6645.6	6548.6	6390.2	6410.7	6461.8
27.5°	5991.8	6058.2	6175.7	6466.9	6870.4	7146.2	7100.3	6982.8	6778.5	6793.8	6778.5
30°	6558.8	6620.1	6717.2	7090.1	7386.3	7687.7	7754.1	7641.7	7335.2	7268.8	7345.5
32.5°	7243.3	7330.1	7508.9	7851.2	8101.5	8285.3	8331.3	8290.5	8004.4	7978.9	8029.9
35°	8075.9	8193.4	8356.9	8658.2	8862.6	9194.6	9194.6	9056.7	8796.2	8826.8	8821.7
37.5°	8954.5	9128.2	9383.6	9690.1	9965.9	10144.7	10088.5	9971.0	9710.5	9644.1	9710.5
40°	10057.9	10144.7	10466.5	10864.9	11202.1	11406.4	11166.3	10910.9	10287.7	10384.8	10563.6
42.5°	11064.2	11202.1	11447.3	11886.6	12269.7	12438.2	12152.2	11646.5	10895.6	10819.0	10951.8
45°	11922.3	12070.5	12392.3	13020.6	13424.1	13572.2	12938.8	12121.5	11263.4	11069.3	11125.5
47.5°	12494.4	12571.1	13020.6	13618.2	13986.0	14323.1	13413.9	12448.5	11437.1	11069.3	11048.8
50°	12274.8	12407.6	12933.7	13613.1	14282.3	14522.3	13654.0	12698.8	11493.2	11023.3	10962.0
52.5°	10900.7	11130.6	11718.0	12632.3	13643.8	14501.9	13986.0	12617.0	11472.8	11069.3	11161.2
55°	7585.5	7590.6	8305.8	9654.3	11442.2	13465.0	13500.7	12709.0	11605.6	11355.3	11360.4
57.5°	3049.5	3202.8	3749.4	5103.0	6752.9	9245.7	10992.6	11789.5	11620.9	11559.6	11718.0
60°	771.3	776.4	945.0	1440.5	2375.3	3963.9	5756.8	7789.9	8969.8	9373.4	9429.6
62.5°	393.3	398.4	439.3	510.8	648.7	1062.5	1890.0	2998.5	4265.3	4908.9	5077.5
65°	321.8	321.8	347.4	383.1	388.2	408.6	490.4	699.8	1016.5	1154.4	1169.8
67.5°	245.2	245.2	265.6	286.1	296.3	291.2	280.9	291.2	352.5	337.1	326.9
70°	153.2	158.4	168.6	189.0	199.2	204.3	209.4	219.6	250.3	260.5	250.3
72.5°	91.9	91.9	97.1	112.4	127.7	137.9	153.2	163.5	178.8	204.3	199.2
75°	40.9	40.9	51.1	66.4	81.7	97.1	112.4	127.7	137.9	153.2	158.4
77.5°	10.2	15.3	25.5	46.0	61.3	81.7	102.2	117.5	127.7	127.7	122.6
80°	5.1	5.1	20.4	35.8	66.4	86.8	112.4	122.6	137.9	127.7	112.4
82.5°	5.1	5.1	20.4	35.8	61.3	86.8	117.5	132.8	143.0	127.7	107.3
85°	0.0	5.1	15.3	30.6	51.1	61.3	51.1	35.8	20.4	20.4	15.3
87.5°	0.0	0.0	5.1	5.1	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)