

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: P849114

Luminaire Tested: **GLAN-SB6A-730-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P849114
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-730-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25994 lumens
Efficiency: N/A
Efficacy: 152.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B4 - U0 - G4

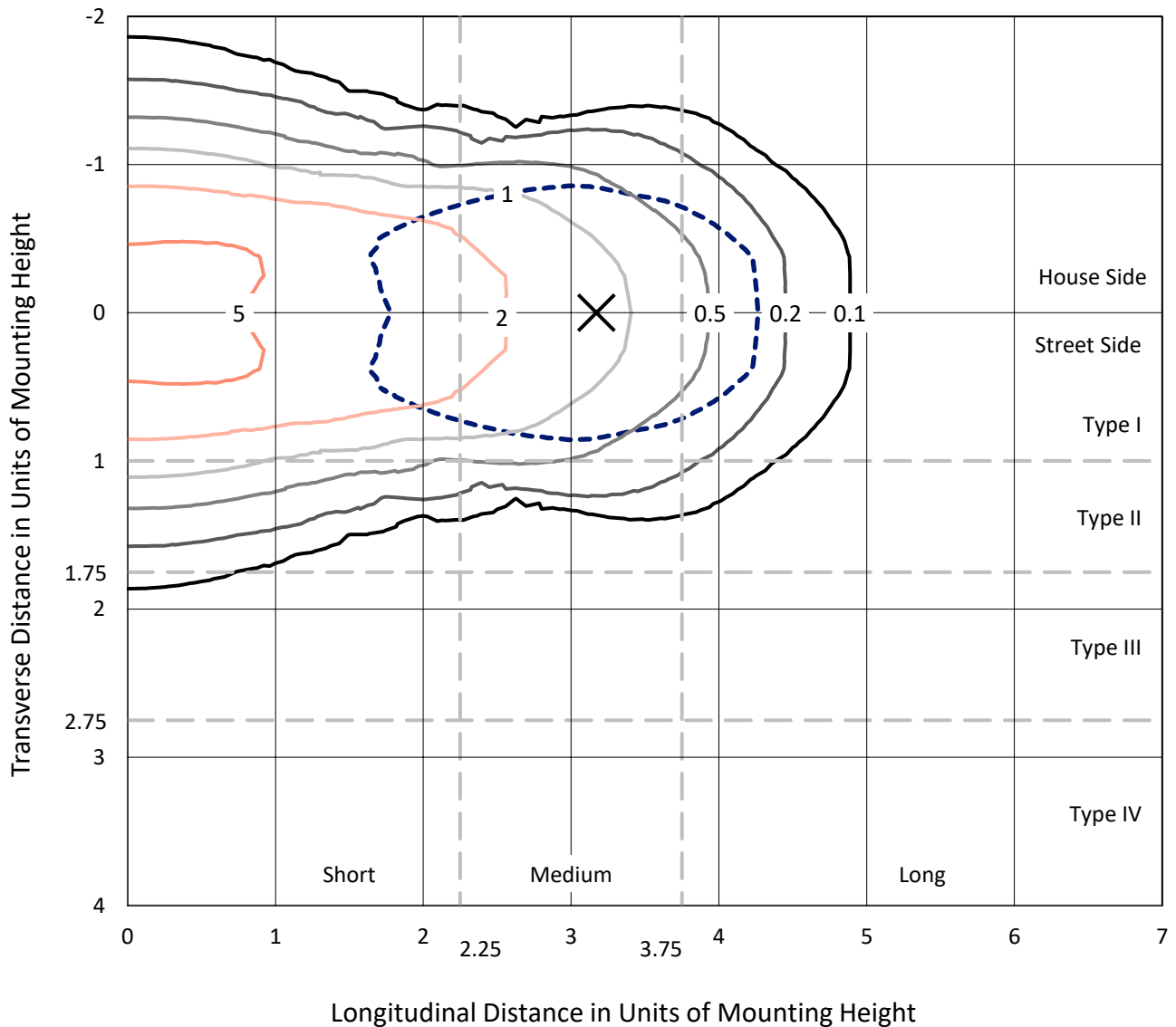
Input Watts (W): 170.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

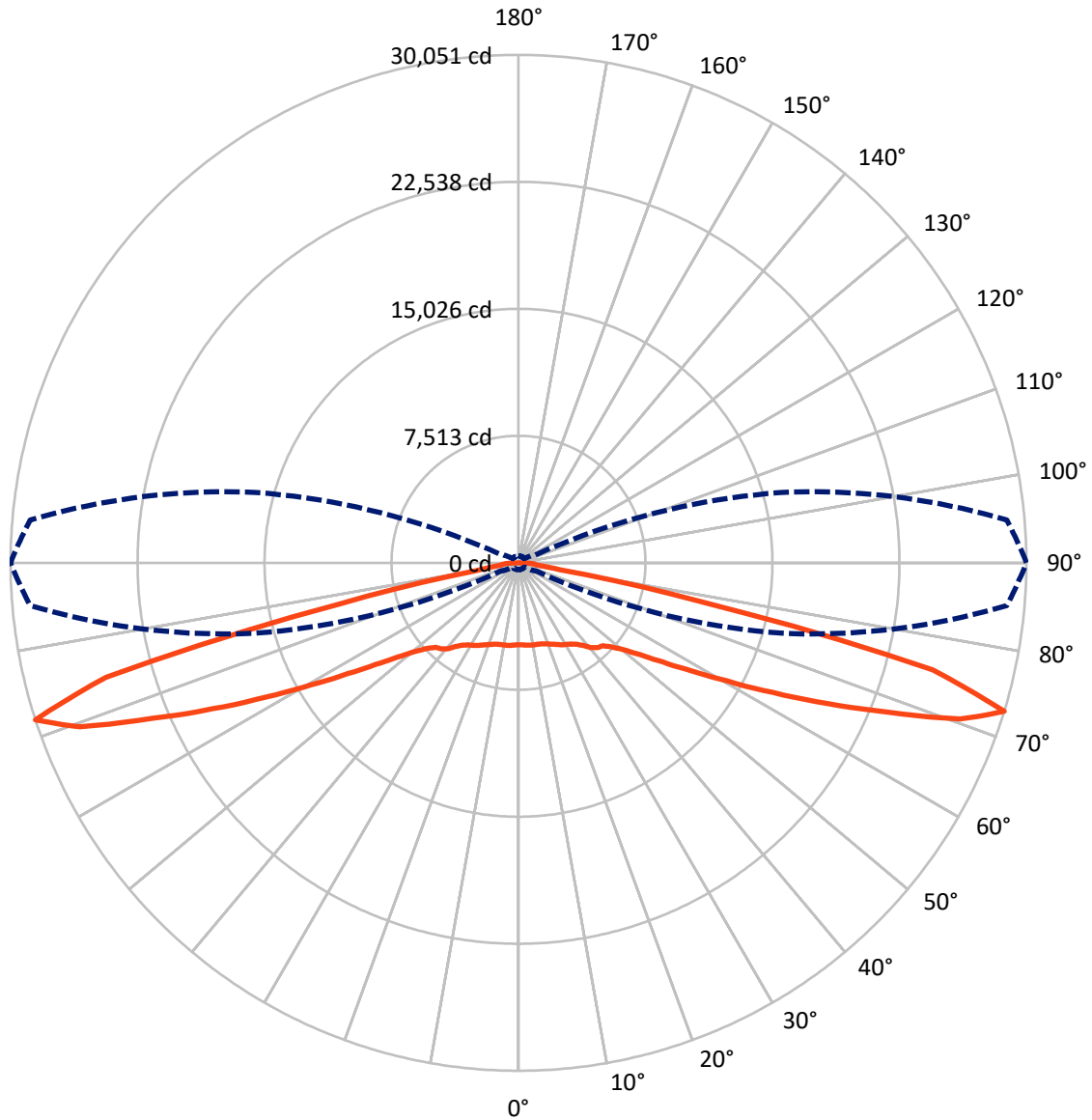
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.8 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	12997.0	0.0	12997.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	12997.0	0.0	12997.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	25994.0	0.0	25994.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	471.0	1.8
10°-20°	1440.0	5.5
20°-30°	2401.1	9.2
30°-40°	3302.3	12.7
40°-50°	4033.0	15.5
50°-60°	4664.6	17.9
60°-70°	5561.8	21.4
70°-80°	3881.8	14.9
80°-90°	238.4	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°	25994.0	100.0
0°-180°	25994.0	100.0

Coefficient of Utilization

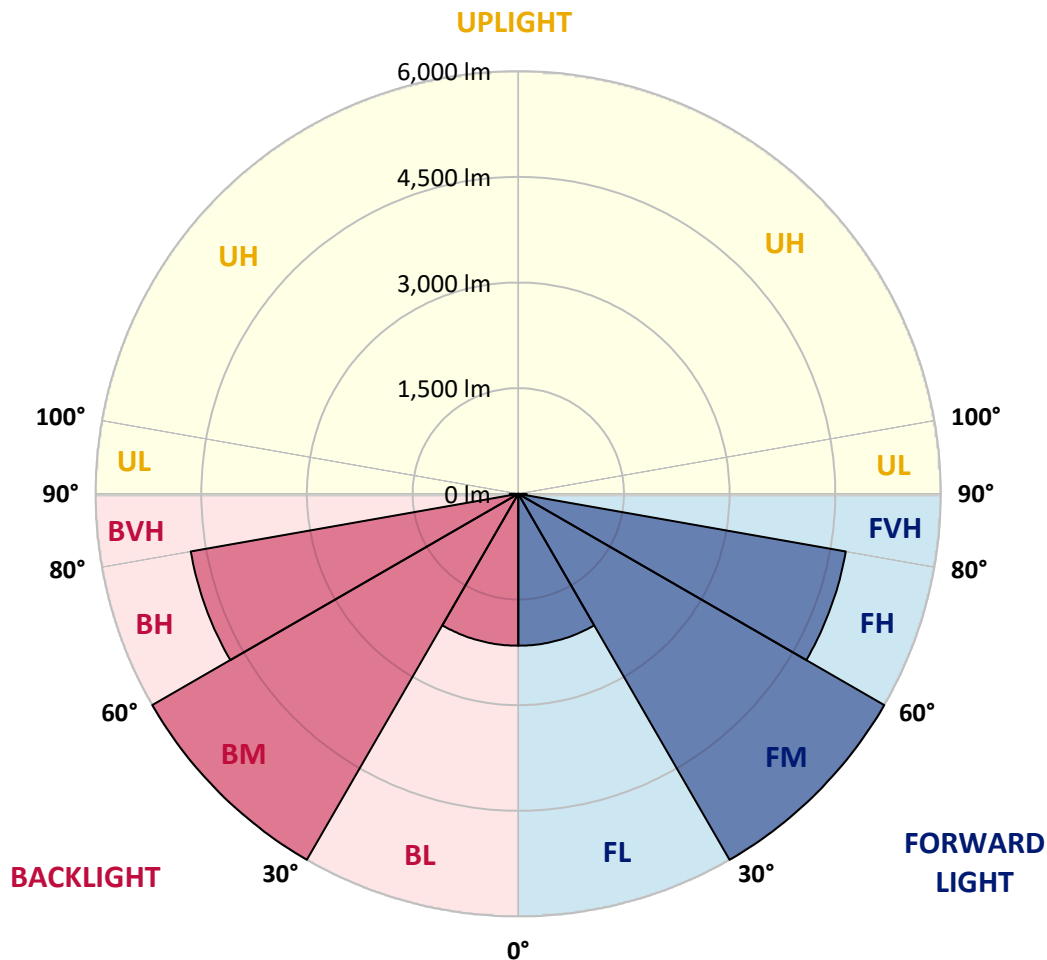


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2156.1	8.3			
FM (30°-60°)	6000.0	23.1			
FH (60°-80°)	4721.8	18.2			G2/5000
FVH (80°-90°)	119.2	0.5			G2/225
BL (0°-30°)	2156.1	8.3	B3/2500		
BM (30°-60°)	6000.0	23.1	B4/8500		
BH (60°-80°)	4721.8	18.2	B4/5000		G4/5000
BVH (80°-90°)	119.2	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°	4857.3	4857.3	4857.3	4857.3	4857.3	4857.3	4857.3	4857.3	4857.3	4857.3
2.5°	4861.4	4866.9	4866.9	4862.8	4872.4	4864.2	4864.2	4860.0	4864.2	4860.0
5°	4886.3	4893.2	4895.9	4894.6	4907.0	4900.1	4900.1	4894.6	4895.9	4891.8
7.5°	4933.2	4942.9	4948.4	4955.3	4973.3	4965.0	4959.5	4942.9	4936.0	4924.9
10°	4948.4	4959.5	4977.4	5013.4	5054.8	5056.2	5039.6	4998.2	4966.4	4941.5
12.5°	4901.5	4916.7	4954.0	5027.2	5119.7	5157.0	5130.8	5061.7	4999.5	4955.3
15°	4842.1	4858.6	4915.3	5025.8	5162.6	5249.6	5246.8	5155.7	5056.2	4987.1
17.5°	4749.5	4766.1	4847.6	5002.3	5195.7	5339.4	5378.1	5284.1	5144.6	5052.0
20°	4582.3	4597.5	4710.8	4927.7	5206.8	5434.7	5535.6	5452.7	5278.6	5152.9
22.5°	4365.4	4388.9	4521.6	4799.2	5180.5	5534.2	5715.1	5658.5	5434.7	5260.6
25°	4133.4	4158.2	4313.0	4641.7	5112.8	5606.0	5927.9	5892.0	5611.5	5394.6
27.5°	3933.0	3959.3	4127.8	4485.6	5007.8	5633.6	6137.9	6155.8	5825.7	5542.5
30°	3775.6	3800.4	3980.0	4359.9	4872.4	5606.0	6321.6	6445.9	6043.9	5670.9
32.5°	3602.9	3634.7	3823.9	4206.6	4712.2	5539.7	6481.9	6759.5	6296.7	5809.1
35°	3384.6	3413.6	3612.5	3996.6	4502.2	5433.3	6615.9	7107.7	6658.7	6019.1
37.5°	3119.4	3147.0	3344.5	3734.1	4293.6	5284.1	6718.1	7500.0	7089.7	6321.6
40°	2852.7	2879.0	3064.1	3441.2	4043.6	5093.5	6754.0	7884.1	7584.3	6737.4
42.5°	2608.2	2631.7	2801.6	3152.5	3763.1	4850.3	6707.0	8218.4	8027.7	7027.5
45°	2383.0	2403.8	2554.3	2881.7	3471.6	4554.7	6566.1	8577.6	8555.5	7234.8
47.5°	2126.1	2146.8	2302.9	2619.3	3180.1	4208.0	6327.1	8931.2	9289.0	7704.5
50°	1812.5	1830.4	1990.7	2316.7	2877.6	3839.1	5995.6	9208.9	10214.6	8415.9
52.5°	1440.9	1460.2	1616.3	1942.3	2518.4	3442.6	5559.0	9389.9	11283.9	9454.8
55°	1072.0	1085.8	1221.2	1514.1	2073.6	2990.9	5012.0	9441.0	12496.8	10874.9
57.5°	777.8	786.1	873.1	1091.4	1572.1	2425.9	4347.5	9308.4	13940.4	12695.7
60°	630.0	632.7	659.0	755.7	1092.7	1787.6	3544.9	8852.5	15507.0	15042.8
62.5°	571.9	571.9	578.8	605.1	739.1	1179.8	2573.7	7907.5	17186.9	18008.9
65°	531.9	531.9	534.6	547.1	583.0	751.5	1624.6	6368.6	18602.9	21483.3
67.5°	495.9	497.3	495.9	500.1	520.8	555.4	942.2	4398.6	19365.5	25083.4
70°	458.6	461.4	454.5	454.5	471.1	472.5	589.9	2412.0	18732.8	28100.5
72.5°	414.4	418.6	407.5	404.8	417.2	411.7	443.5	1157.7	16083.1	29001.2
75°	375.8	381.3	356.4	349.5	349.5	345.4	360.6	594.0	10438.4	23657.7
77.5°	341.2	352.3	312.2	290.1	284.6	272.1	294.3	363.3	4565.8	11107.0
80°	281.8	297.0	257.0	230.7	221.0	207.2	232.1	254.2	1358.0	2579.2
82.5°	210.0	216.9	182.4	164.4	156.1	146.4	174.1	176.8	442.1	913.2
85°	134.0	136.8	111.9	96.7	92.6	88.4	110.5	96.7	168.5	671.4
87.5°	47.0	53.9	42.8	38.7	41.4	34.5	51.1	29.0	47.0	473.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

4857.3
4860.0
4891.8
4924.9
4937.4
4948.4
4976.1
5036.8
5129.4
5228.9
5350.4
5495.5
5603.2
5723.4
5923.7
6194.5
6602.1
6853.5
6999.9
7433.7
8076.1
9036.2
10351.4
12036.8
14212.6
16896.8
20076.9
23565.1
27701.3
30051.1
25304.4
10876.3
2470.1
1032.0
975.3
587.1
0.0

OF REPORT)