

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: P849604

Luminaire Tested: **GLAN-SB6D-722-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P849604
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-SB6D-722-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 2200K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 47736 lumens
Efficiency: N/A
Efficacy: 108.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B5 - U0 - G5

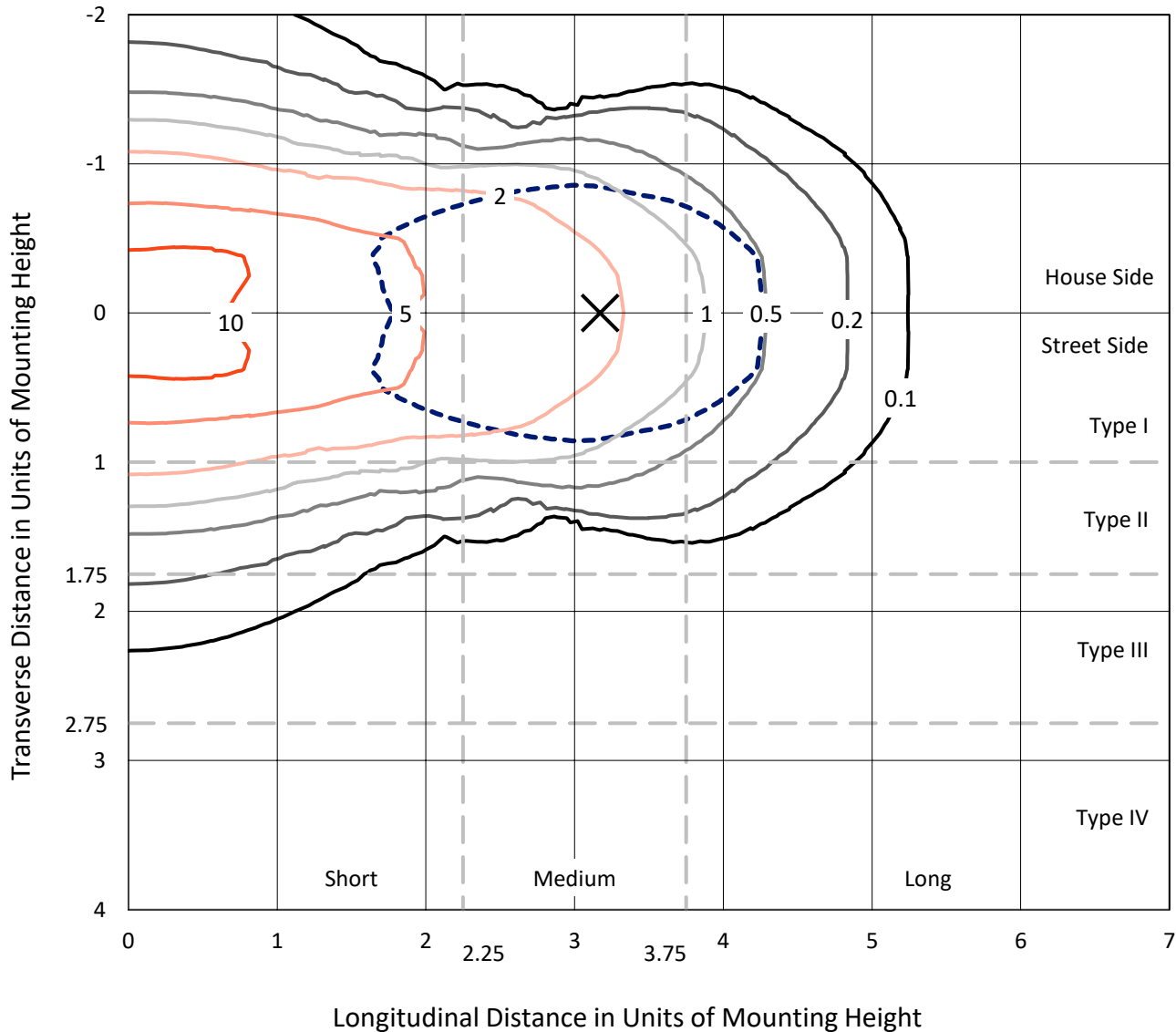
Input Watts (W): 440.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

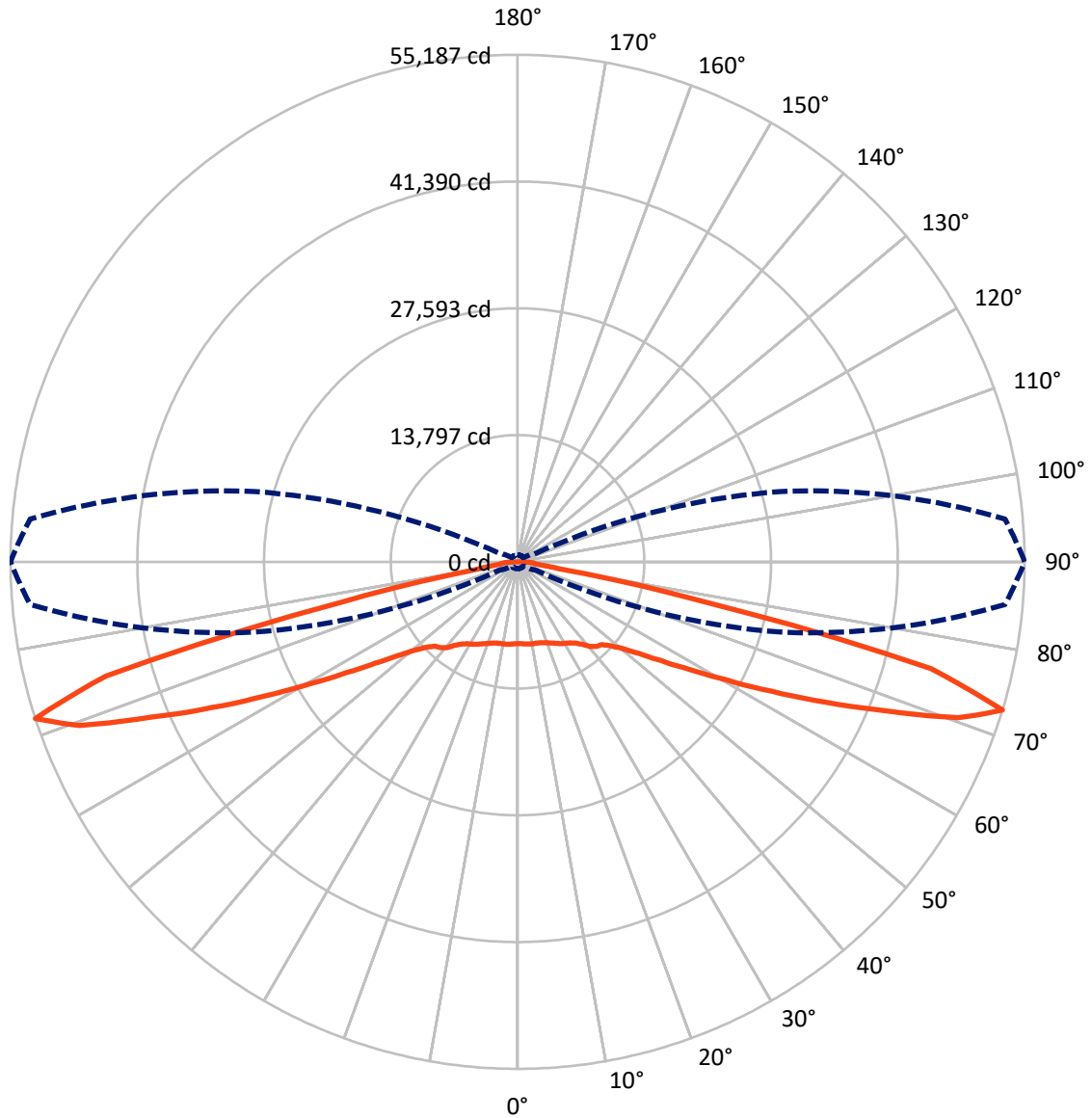
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14.3 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	23868.0	0.0	23868.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	23868.0	0.0	23868.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	47736.0	0.0	47736.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	864.9	1.8
10°-20°	2644.5	5.5
20°-30°	4409.5	9.2
30°-40°	6064.4	12.7
40°-50°	7406.3	15.5
50°-60°	8566.2	17.9
60°-70°	10213.8	21.4
70°-80°	7128.5	14.9
80°-90°	437.8	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°	47736.0	100.0
0°-180°	47736.0	100.0

Coefficient of Utilization

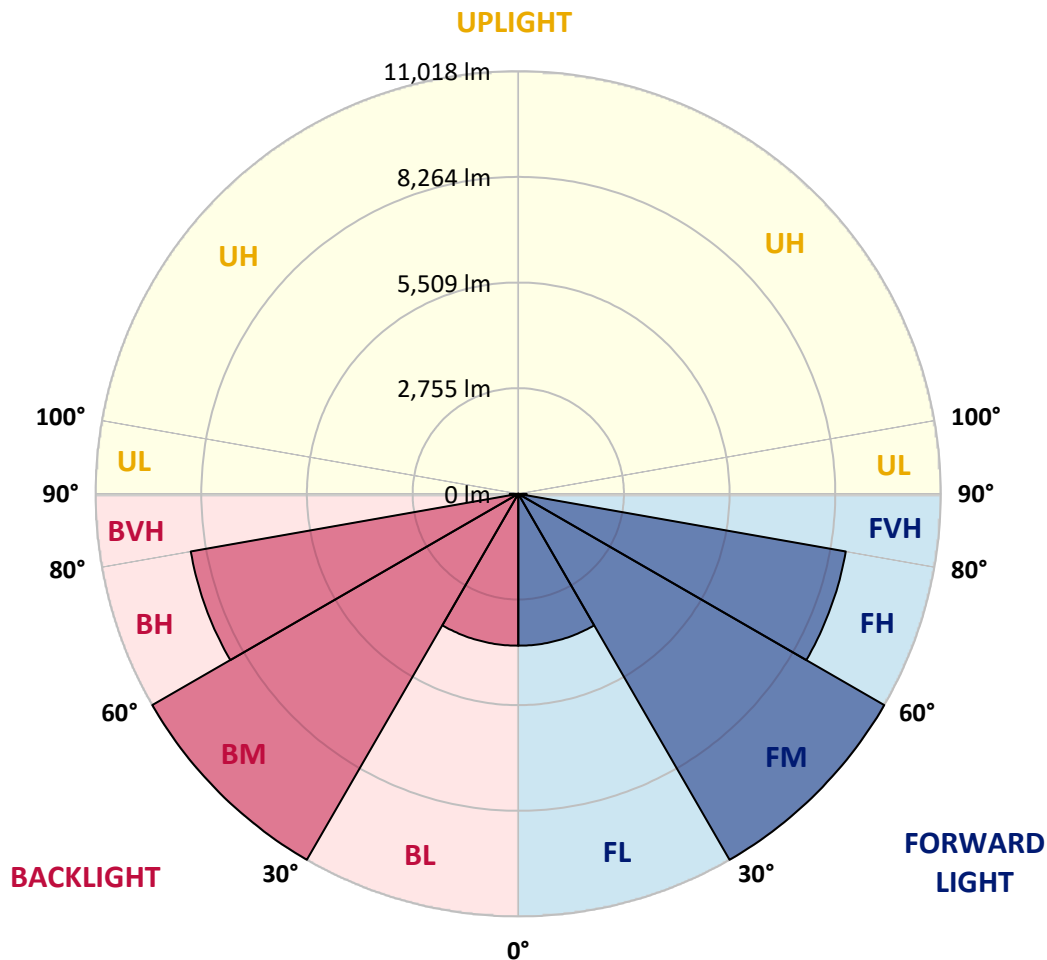


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3959.5	8.3			
FM (30°-60°)	11018.5	23.1			
FH (60°-80°)	8671.2	18.2			G4/12000
FVH (80°-90°)	218.9	0.5			G2/225
BL (0°-30°)	3959.5	8.3	B4/5000		
BM (30°-60°)	11018.5	23.1	B5		
BH (60°-80°)	8671.2	18.2	B5		G5
BVH (80°-90°)	218.9	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°	8920.0	8920.0	8920.0	8920.0	8920.0	8920.0	8920.0	8920.0	8920.0	8920.0
2.5°	8927.6	8937.7	8937.7	8930.1	8947.9	8932.7	8932.7	8925.0	8932.7	8925.0
5°	8973.3	8985.9	8991.0	8988.5	9011.3	8998.6	8998.6	8988.5	8991.0	8983.4
7.5°	9059.5	9077.3	9087.4	9100.1	9133.1	9117.9	9107.7	9077.3	9064.6	9044.3
10°	9087.4	9107.7	9140.7	9206.7	9282.8	9285.3	9254.9	9178.7	9120.4	9074.7
12.5°	9001.2	9029.1	9097.6	9232.0	9402.0	9470.5	9422.3	9295.4	9181.3	9100.1
15°	8892.1	8922.5	9026.5	9229.5	9480.6	9640.5	9635.4	9468.0	9285.3	9158.5
17.5°	8722.1	8752.5	8902.2	9186.4	9541.5	9805.4	9876.4	9703.9	9447.7	9277.7
20°	8415.1	8443.0	8651.1	9049.4	9561.8	9980.4	10165.6	10013.4	9693.8	9462.9
22.5°	8016.8	8059.9	8303.5	8813.4	9513.6	10163.1	10495.4	10391.4	9980.4	9660.8
25°	7590.6	7636.3	7920.4	8524.2	9389.3	10295.0	10886.1	10820.2	10305.2	9906.9
27.5°	7222.7	7270.9	7580.5	8237.5	9196.5	10345.8	11271.7	11304.7	10698.4	10178.3
30°	6933.5	6979.2	7309.0	8006.7	8947.9	10295.0	11609.2	11837.5	11099.2	10414.2
32.5°	6616.4	6674.8	7022.3	7725.1	8653.6	10173.2	11903.4	12413.4	11563.5	10667.9
35°	6215.6	6268.8	6634.2	7339.4	8268.0	9977.9	12149.5	13052.7	12228.2	11053.6
37.5°	5728.5	5779.2	6142.0	6857.4	7884.9	9703.9	12337.3	13773.2	13019.7	11609.2
40°	5238.8	5287.0	5627.0	6319.6	7425.7	9353.8	12403.2	14478.5	13927.9	12372.8
42.5°	4789.8	4832.9	5145.0	5789.4	6910.7	8907.3	12317.0	15092.4	14742.3	12905.6
45°	4376.3	4414.3	4690.9	5292.1	6375.4	8364.4	12058.2	15752.0	15711.4	13286.1
47.5°	3904.4	3942.4	4229.1	4810.1	5840.1	7727.6	11619.3	16401.5	17058.6	14148.7
50°	3328.5	3361.5	3655.8	4254.5	5284.5	7050.2	11010.4	16911.4	18758.3	15455.2
52.5°	2646.1	2681.6	2968.3	3567.0	4624.9	6322.1	10208.8	17243.8	20721.9	17363.0
55°	1968.7	1994.1	2242.7	2780.5	3808.0	5492.5	9204.1	17337.6	22949.4	19971.0
57.5°	1428.3	1443.5	1603.4	2004.2	2887.1	4454.9	7983.8	17094.1	25600.5	23314.7
60°	1156.9	1161.9	1210.1	1387.7	2006.7	3282.8	6509.9	16256.9	28477.5	27625.0
62.5°	1050.3	1050.3	1063.0	1111.2	1357.3	2166.6	4726.4	14521.6	31562.4	33071.9
65°	976.7	976.7	981.8	1004.6	1070.6	1380.1	2983.5	11695.4	34162.8	39452.4
67.5°	910.8	913.3	910.8	918.4	956.4	1019.9	1730.2	8077.7	35563.2	46063.7
70°	842.3	847.3	834.7	834.7	865.1	867.6	1083.3	4429.5	34401.3	51604.4
72.5°	761.1	768.7	748.4	743.3	766.2	756.0	814.4	2126.0	29535.4	53258.5
75°	690.1	700.2	654.5	641.9	641.9	634.2	662.1	1090.9	19169.3	43445.6
77.5°	626.6	646.9	573.4	532.8	522.6	499.8	540.4	667.2	8384.7	20397.2
80°	517.5	545.4	471.9	423.7	405.9	380.5	426.2	466.8	2493.8	4736.5
82.5°	385.6	398.3	334.9	301.9	286.7	268.9	319.7	324.7	811.8	1676.9
85°	246.1	251.2	205.5	177.6	170.0	162.4	203.0	177.6	309.5	1233.0
87.5°	86.3	98.9	78.6	71.0	76.1	63.4	93.9	53.3	86.3	870.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

8920.0
8925.0
8983.4
9044.3
9067.1
9087.4
9138.2
9249.8
9419.8
9602.4
9825.7
10092.1
10289.9
10510.7
10878.5
11375.8
12124.2
12585.9
12854.8
13651.4
14831.1
16594.3
19009.5
22104.6
26100.3
31029.6
36869.7
43275.6
50871.3
55186.6
46469.6
19973.5
4536.1
1895.1
1791.1
1078.2
0.0

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