

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: P849774

Luminaire Tested: **GLAN-SB7A-722-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P849774
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-SB7A-722-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(7) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24678 lumens
Efficiency: N/A
Efficacy: 123.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type I - Short
BUG Rating: B4 - U0 - G4

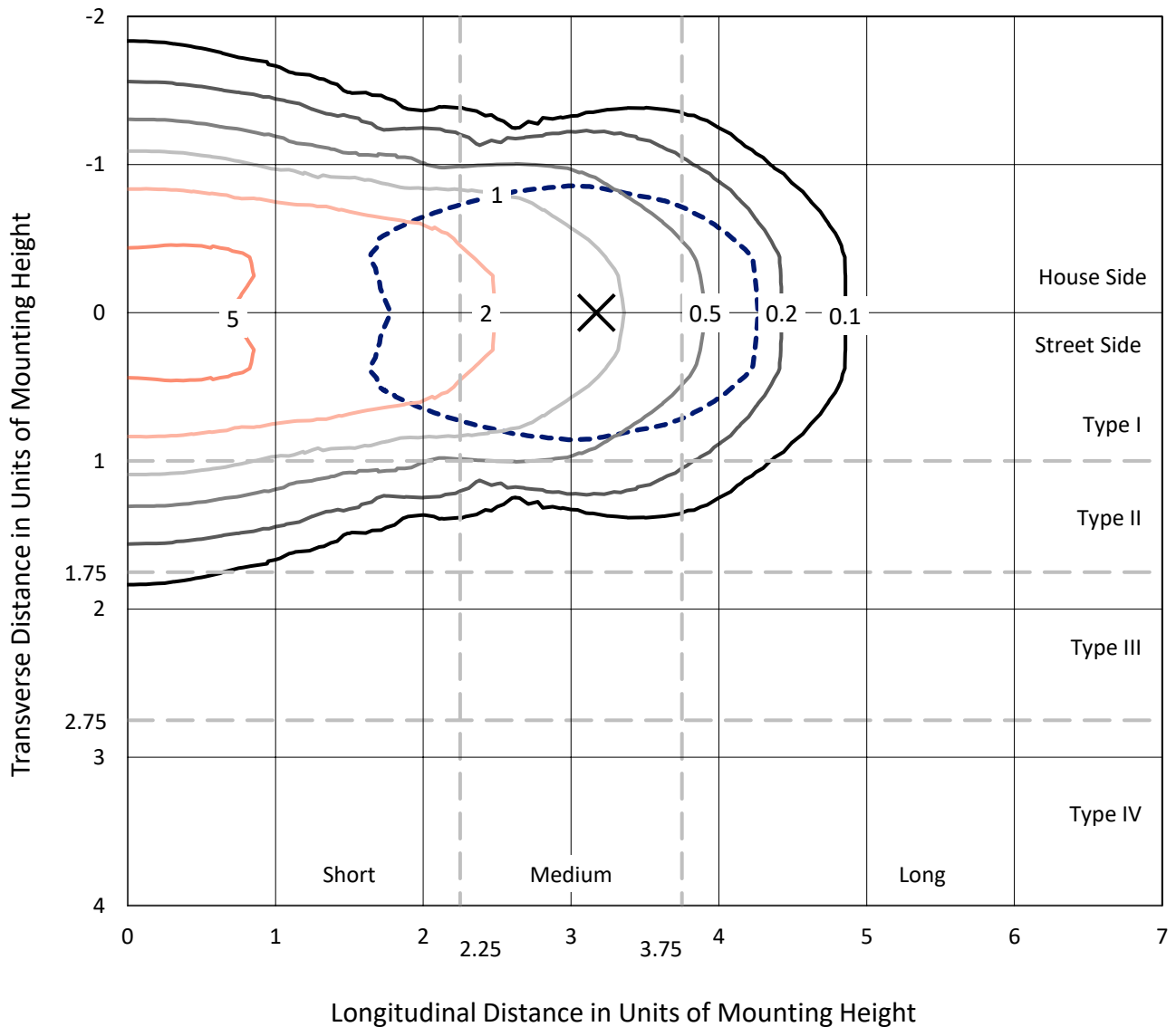
Input Watts (W): 199.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P849774
 CATALOG NUMBER: GLAN-SB7A-722-U-T1

Iso-Footcandle Lines of Horizontal Illumination

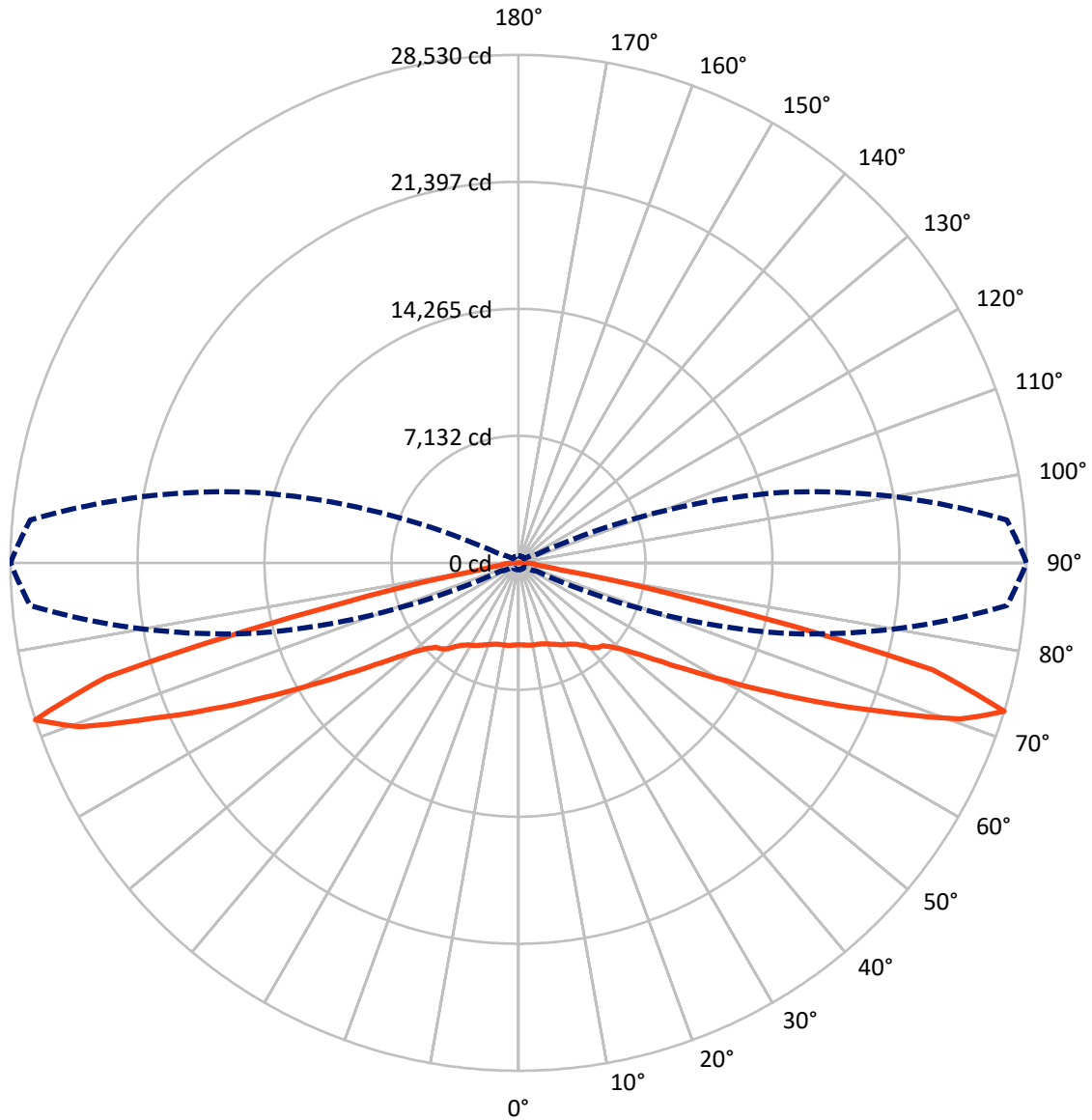
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.4 fc
 Type I - Short - N/A

REPORT NUMBER: P849774
CATALOG NUMBER: GLAN-SB7A-722-U-T1

Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

REPORT NUMBER: P849774
 CATALOG NUMBER: GLAN-SB7A-722-U-T1

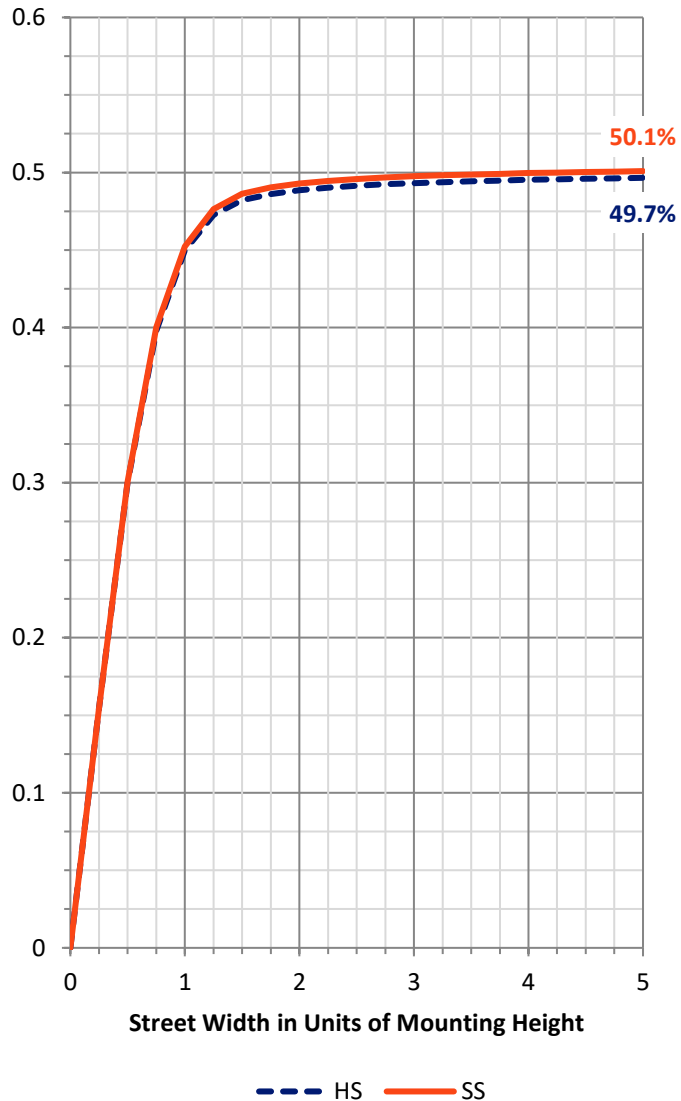
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12339.0	0.0	12339.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	12339.0	0.0	12339.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	24678.0	0.0	24678.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	447.1	1.8
10°-20°	1367.1	5.5
20°-30°	2279.6	9.2
30°-40°	3135.1	12.7
40°-50°	3828.8	15.5
50°-60°	4428.4	17.9
60°-70°	5280.2	21.4
70°-80°	3685.2	14.9
80°-90°	226.3	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°	24678.0	100.0
0°-180°	24678.0	100.0

Coefficient of Utilization

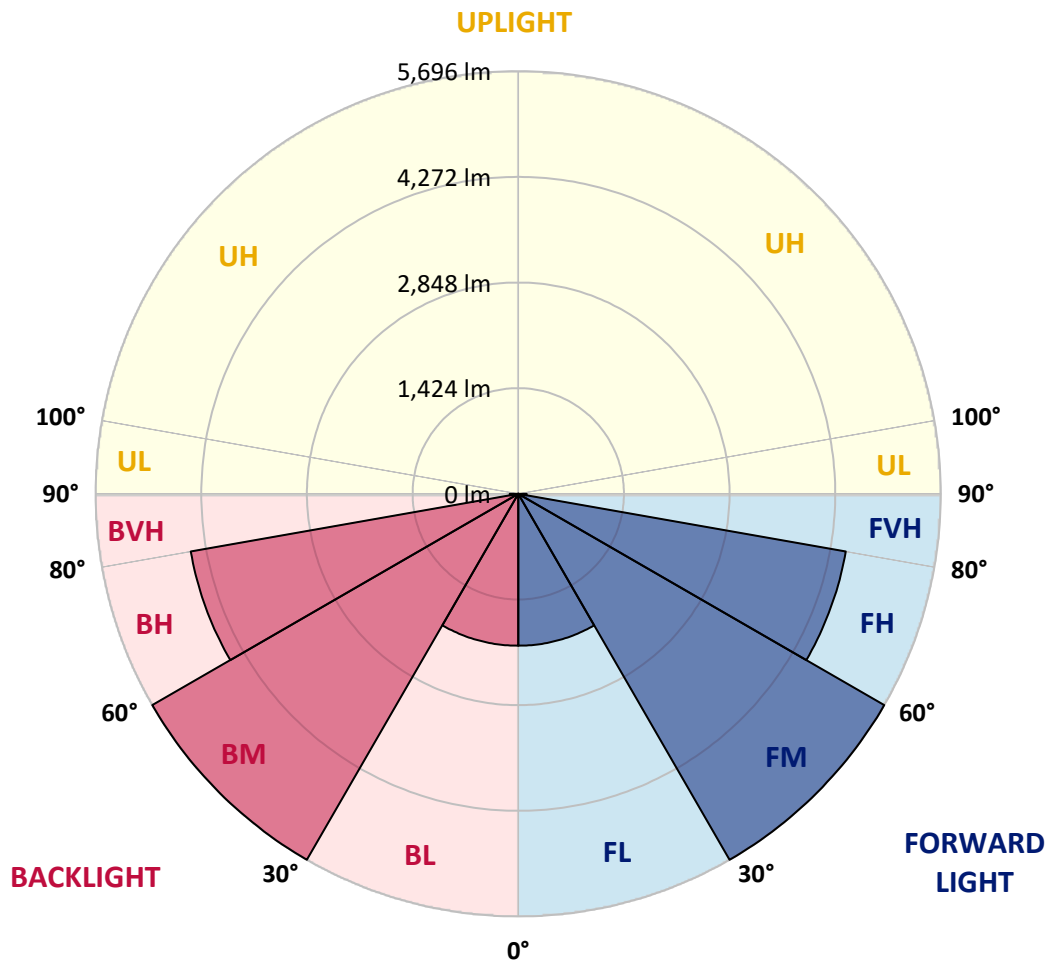


REPORT NUMBER: P849774
 CATALOG NUMBER: GLAN-SB7A-722-U-T1

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2046.9	8.3			
FM (30°-60°)	5696.2	23.1			
FH (60°-80°)	4482.7	18.2			G2/5000
FVH (80°-90°)	113.2	0.5			G2/225
BL (0°-30°)	2046.9	8.3	B3/2500		
BM (30°-60°)	5696.2	23.1	B4/8500		
BH (60°-80°)	4482.7	18.2	B4/5000		G4/5000
BVH (80°-90°)	113.2	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



REPORT NUMBER: P849774

CATALOG NUMBER: GLAN-SB7A-722-U-T1

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4611.3	4611.3	4611.3	4611.3	4611.3	4611.3	4611.3	4611.3	4611.3	4611.3
2.5°	4615.3	4620.5	4620.5	4616.6	4625.8	4617.9	4617.9	4614.0	4617.9	4614.0
5°	4638.9	4645.4	4648.1	4646.8	4658.6	4652.0	4652.0	4646.8	4648.1	4644.1
7.5°	4683.5	4692.7	4697.9	4704.5	4721.5	4713.6	4708.4	4692.7	4686.1	4675.6
10°	4697.9	4708.4	4725.4	4759.5	4798.9	4800.2	4784.5	4745.1	4715.0	4691.3
12.5°	4653.3	4667.7	4703.2	4772.7	4860.5	4895.9	4871.0	4805.5	4746.4	4704.5
15°	4596.9	4612.7	4666.4	4771.4	4901.2	4983.8	4981.2	4894.6	4800.2	4734.6
17.5°	4509.0	4524.8	4602.2	4749.1	4932.7	5069.1	5105.8	5016.6	4884.1	4796.3
20°	4350.4	4364.8	4472.3	4678.2	4943.2	5159.6	5255.3	5176.6	5011.4	4892.0
22.5°	4144.4	4166.7	4292.6	4556.3	4918.2	5254.0	5425.8	5372.0	5159.6	4994.3
25°	3924.1	3947.7	4094.6	4406.7	4854.0	5322.2	5627.8	5593.7	5327.4	5121.5
27.5°	3733.9	3758.8	3918.9	4258.5	4754.3	5348.4	5827.1	5844.2	5530.7	5261.9
30°	3584.4	3608.0	3778.5	4139.2	4625.8	5322.2	6001.6	6119.6	5738.0	5383.8
32.5°	3420.5	3450.6	3630.3	3993.6	4473.6	5259.2	6153.7	6417.3	5978.0	5515.0
35°	3213.3	3240.8	3429.7	3794.3	4274.3	5158.3	6280.9	6747.8	6321.6	5714.3
37.5°	2961.4	2987.7	3175.2	3545.1	4076.2	5016.6	6378.0	7120.3	6730.8	6001.6
40°	2708.3	2733.2	2909.0	3267.0	3838.9	4835.6	6412.1	7484.9	7200.3	6396.3
42.5°	2476.2	2498.5	2659.8	2992.9	3572.6	4604.8	6367.5	7802.3	7621.3	6671.8
45°	2262.4	2282.1	2425.0	2735.9	3295.9	4324.1	6233.7	8143.3	8122.3	6868.5
47.5°	2018.4	2038.1	2186.3	2486.7	3019.1	3994.9	6006.8	8479.1	8818.7	7314.4
50°	1720.7	1737.8	1889.9	2199.4	2731.9	3644.7	5692.0	8742.7	9697.5	7989.8
52.5°	1367.9	1386.3	1534.5	1844.0	2390.9	3268.3	5277.6	8914.5	10712.6	8976.1
55°	1017.7	1030.9	1159.4	1437.4	1968.6	2839.5	4758.2	8963.0	11864.1	10324.4
57.5°	738.4	746.3	828.9	1036.1	1492.5	2303.0	4127.4	8837.1	13234.7	12053.0
60°	598.1	600.7	625.6	717.4	1037.4	1697.1	3365.4	8404.3	14721.9	14281.3
62.5°	543.0	543.0	549.5	574.5	701.7	1120.0	2443.4	7507.2	16316.8	17097.1
65°	504.9	504.9	507.6	519.4	553.5	713.5	1542.4	6046.2	17661.1	20395.6
67.5°	470.8	472.2	470.8	474.8	494.4	527.2	894.5	4175.9	18385.0	23813.5
70°	435.4	438.1	431.5	431.5	447.2	448.5	560.0	2289.9	17784.4	26677.9
72.5°	393.5	397.4	386.9	384.3	396.1	390.8	421.0	1099.1	15268.8	27533.0
75°	356.7	362.0	338.4	331.8	331.8	327.9	342.3	564.0	9909.9	22460.0
77.5°	323.9	334.4	296.4	275.4	270.2	258.4	279.4	344.9	4334.6	10544.7
80°	267.6	282.0	243.9	219.0	209.8	196.7	220.3	241.3	1289.2	2448.6
82.5°	199.4	205.9	173.1	156.1	148.2	139.0	165.3	167.9	419.7	866.9
85°	127.2	129.8	106.2	91.8	87.9	83.9	104.9	91.8	160.0	637.4
87.5°	44.6	51.1	40.7	36.7	39.3	32.8	48.5	27.5	44.6	449.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

4611.3
4614.0
4644.1
4675.6
4687.4
4697.9
4724.1
4781.8
4869.7
4964.1
5079.6
5217.3
5319.6
5433.7
5623.8
5880.9
6267.8
6506.5
6645.5
7057.4
7667.2
8578.7
9827.3
11427.4
13493.0
16041.3
19060.5
22372.1
26298.8
28529.7
24023.3
10325.7
2345.0
979.7
925.9
557.4
0.0

OF REPORT)