

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: P847564

Luminaire Tested: **GLAN-SB3D-722-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847564
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-SB3D-722-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 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: 23619 lumens
Efficiency: N/A
Efficacy: 108.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B4 - U0 - G4

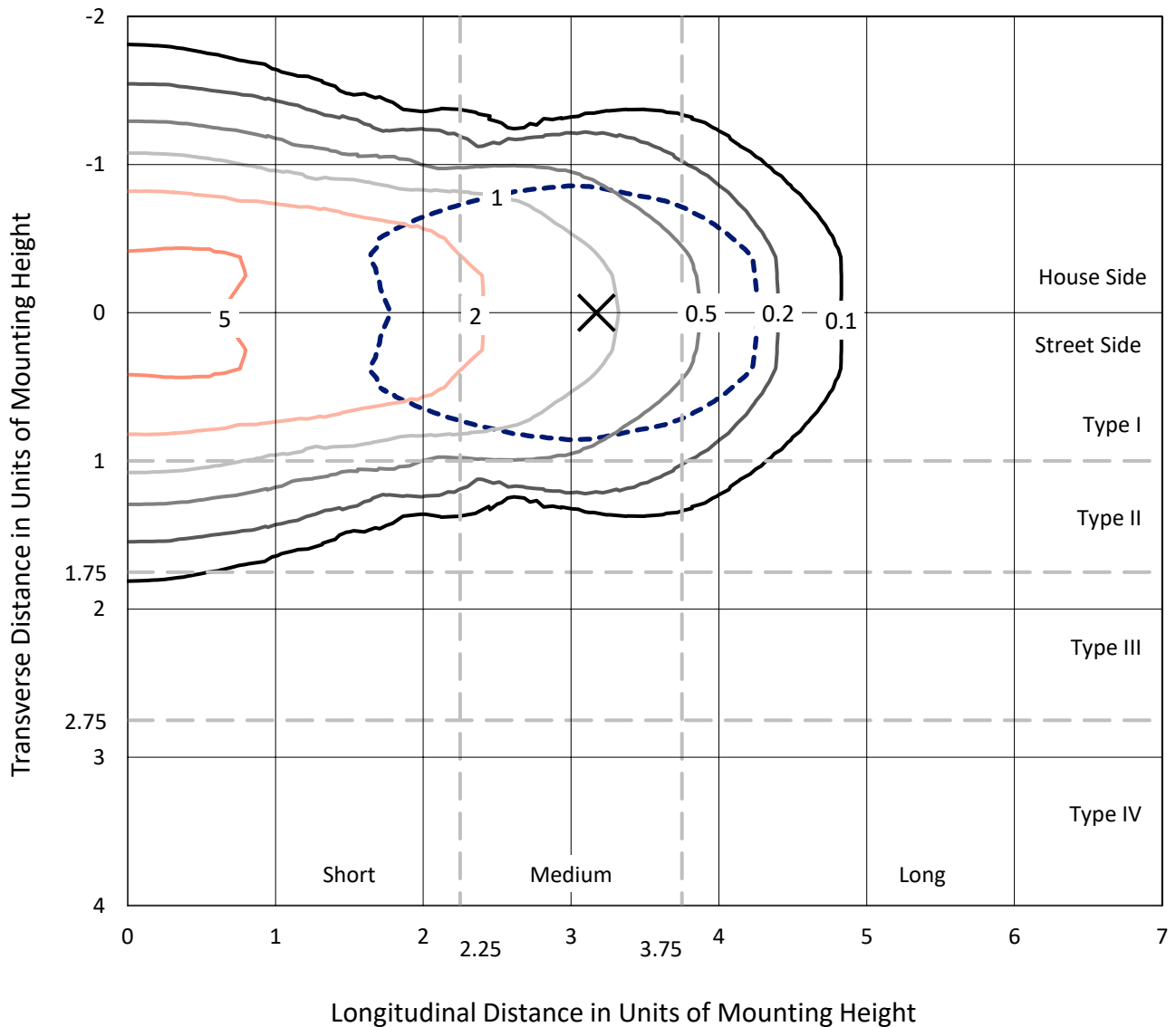
Input Watts (W): 218.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

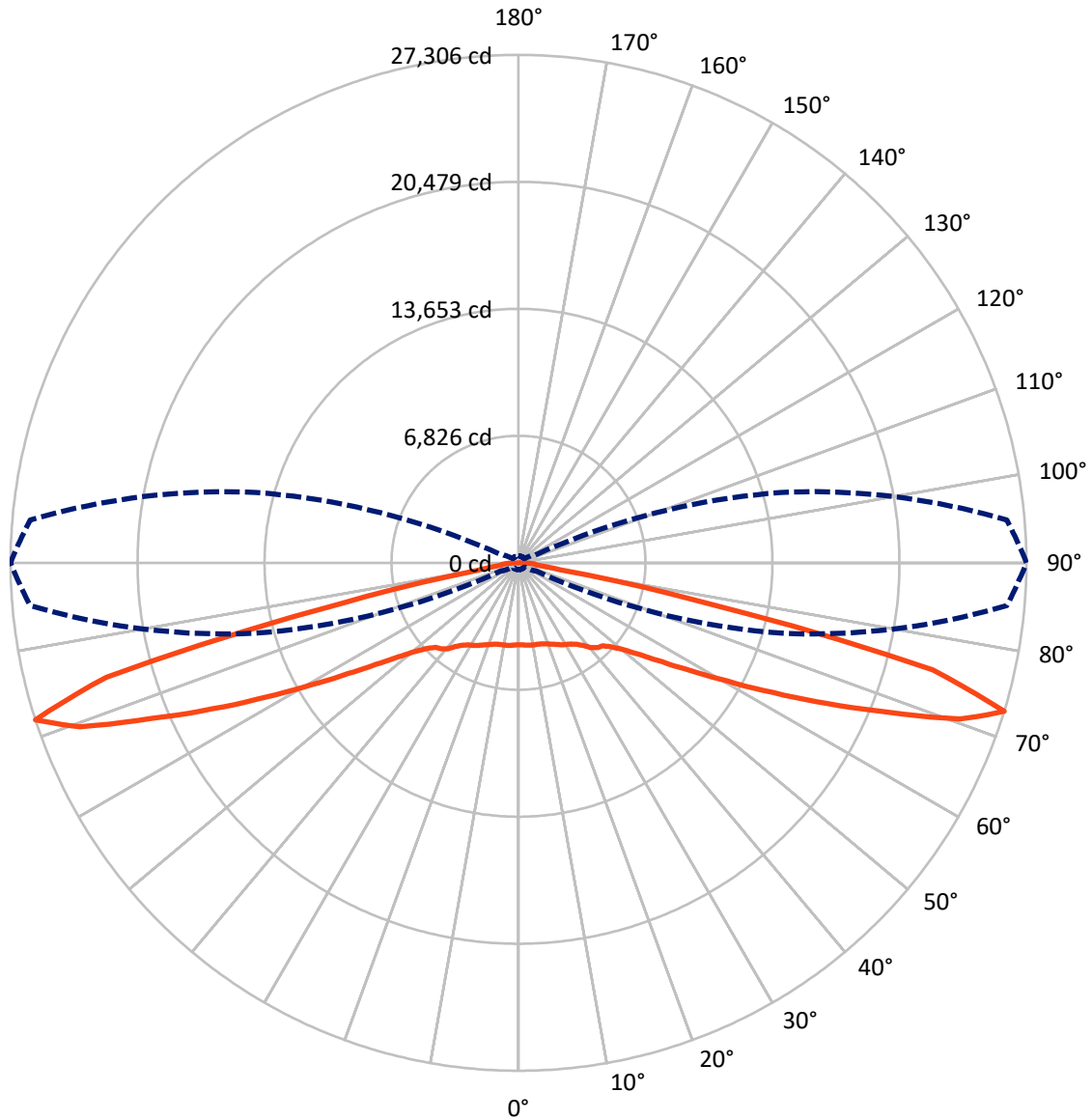
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.1 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	11809.5	0.0	11809.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	11809.5	0.0	11809.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	23619.0	0.0	23619.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	427.9	1.8
10°-20°	1308.5	5.5
20°-30°	2181.7	9.2
30°-40°	3000.6	12.7
40°-50°	3664.5	15.5
50°-60°	4238.4	17.9
60°-70°	5053.6	21.4
70°-80°	3527.1	14.9
80°-90°	216.6	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°	23619.0	100.0
0°-180°	23619.0	100.0

Coefficient of Utilization

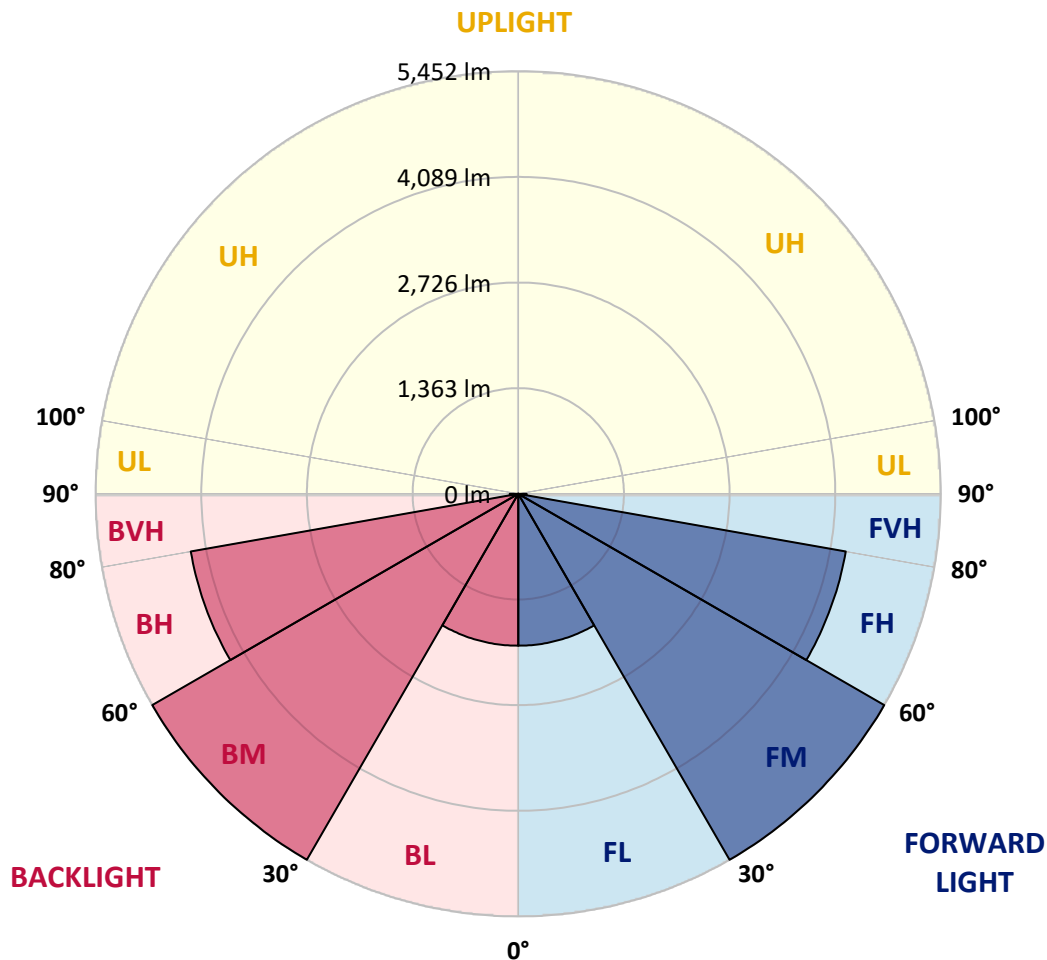


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1959.1	8.3			
FM (30°-60°)	5451.8	23.1			
FH (60°-80°)	4290.4	18.2			G2/5000
FVH (80°-90°)	108.3	0.5			G2/225
BL (0°-30°)	1959.1	8.3	B3/2500		
BM (30°-60°)	5451.8	23.1	B4/8500		
BH (60°-80°)	4290.4	18.2	B4/5000		G4/5000
BVH (80°-90°)	108.3	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°	4413.5	4413.5	4413.5	4413.5	4413.5	4413.5	4413.5	4413.5	4413.5	4413.5
2.5°	4417.2	4422.2	4422.2	4418.5	4427.3	4419.7	4419.7	4416.0	4419.7	4416.0
5°	4439.8	4446.1	4448.6	4447.4	4458.6	4452.4	4452.4	4447.4	4448.6	4444.8
7.5°	4482.5	4491.3	4496.3	4502.6	4518.9	4511.4	4506.3	4491.3	4485.0	4475.0
10°	4496.3	4506.3	4522.7	4555.3	4593.0	4594.2	4579.2	4541.5	4512.6	4490.0
12.5°	4453.6	4467.4	4501.3	4567.9	4652.0	4685.8	4662.0	4599.2	4542.8	4502.6
15°	4399.7	4414.7	4466.2	4566.6	4690.9	4770.0	4767.4	4684.6	4594.2	4531.5
17.5°	4315.5	4330.6	4404.7	4545.3	4721.0	4851.5	4886.7	4801.3	4674.6	4590.4
20°	4163.7	4177.5	4280.4	4477.5	4731.0	4938.2	5029.8	4954.5	4796.3	4682.1
22.5°	3966.6	3987.9	4108.4	4360.7	4707.2	5028.5	5193.0	5141.5	4938.2	4780.0
25°	3755.7	3778.3	3918.9	4217.6	4645.7	5093.8	5386.3	5353.6	5098.8	4901.8
27.5°	3573.7	3597.5	3750.7	4075.8	4550.3	5118.9	5577.1	5593.4	5293.4	5036.1
30°	3430.6	3453.2	3616.4	3961.6	4427.3	5093.8	5744.0	5857.0	5491.7	5152.8
32.5°	3273.7	3302.6	3474.5	3822.2	4281.7	5033.6	5889.6	6141.9	5721.4	5278.3
35°	3075.4	3101.7	3282.5	3631.4	4090.9	4936.9	6011.4	6458.3	6050.3	5469.1
37.5°	2834.4	2859.5	3039.0	3392.9	3901.3	4801.3	6104.3	6814.8	6441.9	5744.0
40°	2592.1	2615.9	2784.1	3126.8	3674.1	4628.1	6136.9	7163.7	6891.3	6121.9
42.5°	2369.9	2391.3	2545.6	2864.5	3419.3	4407.2	6094.2	7467.5	7294.3	6385.5
45°	2165.3	2184.1	2321.0	2618.5	3154.4	4138.6	5966.2	7793.8	7773.8	6573.7
47.5°	1931.8	1950.7	2092.5	2380.0	2889.6	3823.5	5749.0	8115.2	8440.3	7000.5
50°	1646.9	1663.2	1808.8	2105.1	2614.7	3488.3	5447.8	8367.5	9281.3	7647.0
52.5°	1309.2	1326.8	1468.6	1764.9	2288.3	3128.1	5051.1	8531.9	10252.9	8590.9
55°	974.1	986.6	1109.6	1375.8	1884.1	2717.6	4554.0	8578.4	11355.0	9881.3
57.5°	706.7	714.2	793.3	991.6	1428.5	2204.2	3950.3	8457.9	12666.7	11535.7
60°	572.4	574.9	598.8	686.6	992.9	1624.3	3221.0	8043.6	14090.2	13668.4
62.5°	519.7	519.7	525.9	549.8	671.6	1072.0	2338.5	7185.1	15616.6	16363.4
65°	483.3	483.3	485.8	497.1	529.7	682.9	1476.2	5786.7	16903.2	19520.4
67.5°	450.6	451.9	450.6	454.4	473.2	504.6	856.1	3996.7	17596.1	22791.6
70°	416.7	419.3	413.0	413.0	428.0	429.3	536.0	2191.7	17021.2	25533.0
72.5°	376.6	380.3	370.3	367.8	379.1	374.1	402.9	1051.9	14613.6	26351.5
75°	341.4	346.4	323.9	317.6	317.6	313.8	327.6	539.8	9484.7	21496.2
77.5°	310.0	320.1	283.7	263.6	258.6	247.3	267.4	330.1	4148.6	10092.2
80°	256.1	269.9	233.5	209.6	200.8	188.3	210.9	231.0	1233.9	2343.6
82.5°	190.8	197.1	165.7	149.4	141.8	133.1	158.2	160.7	401.7	829.7
85°	121.8	124.3	101.7	87.9	84.1	80.3	100.4	87.9	153.1	610.1
87.5°	42.7	49.0	38.9	35.1	37.7	31.4	46.4	26.4	42.7	430.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

4413.5
4416.0
4444.8
4475.0
4486.3
4496.3
4521.4
4576.6
4660.7
4751.1
4861.6
4993.4
5091.3
5200.5
5382.5
5628.5
5998.8
6227.3
6360.4
6754.5
7338.2
8210.6
9405.6
10937.0
12914.0
15353.0
18242.6
21412.1
25170.3
27305.5
22992.4
9882.6
2244.4
937.7
886.2
533.5
0.0

OF REPORT)