

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: P847394

Luminaire Tested: **GLAN-SB3C-722-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847394
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-SB3C-722-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17382 lumens
Efficiency: N/A
Efficacy: 116.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B4 - U0 - G4

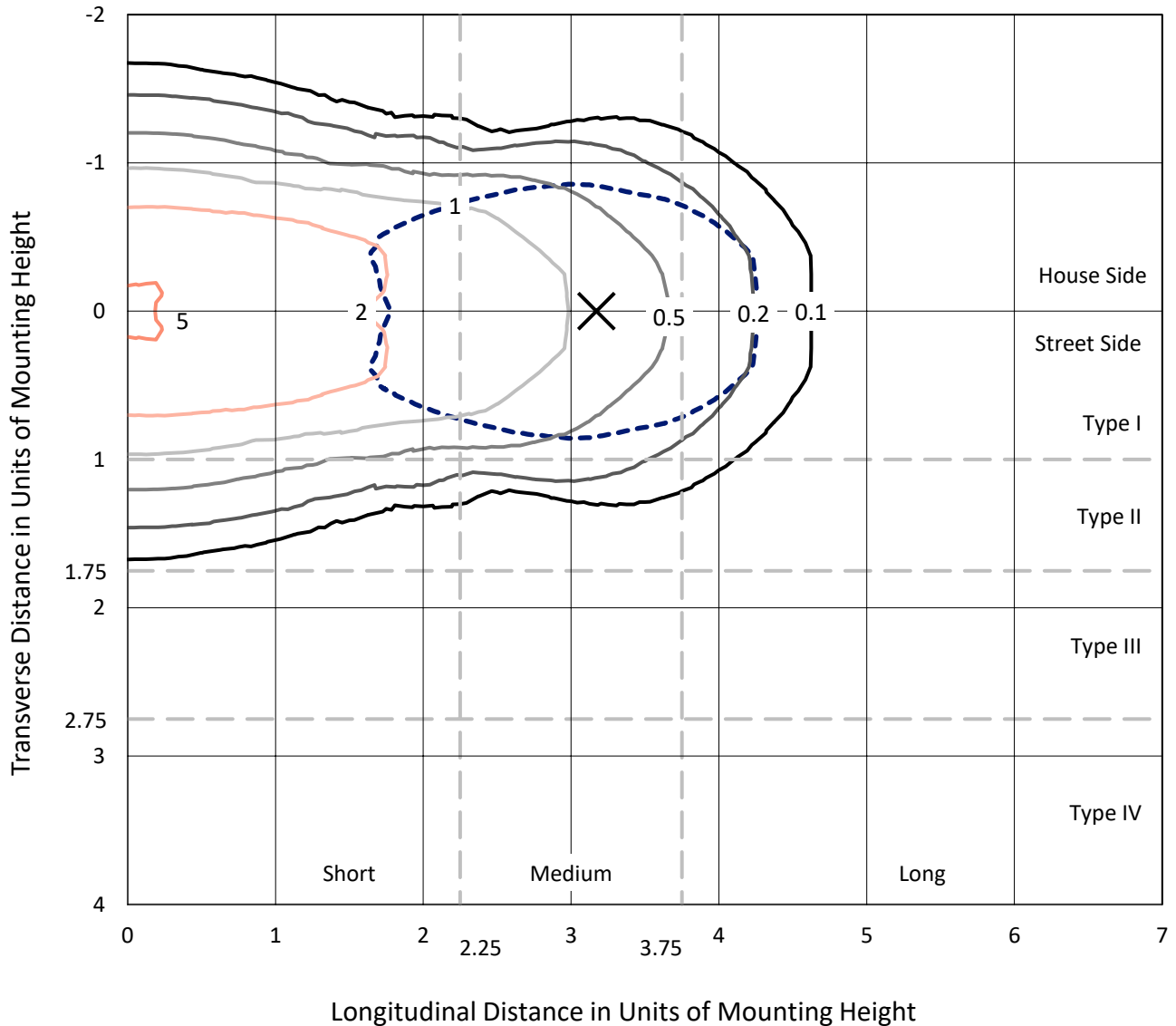
Input Watts (W): 149.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

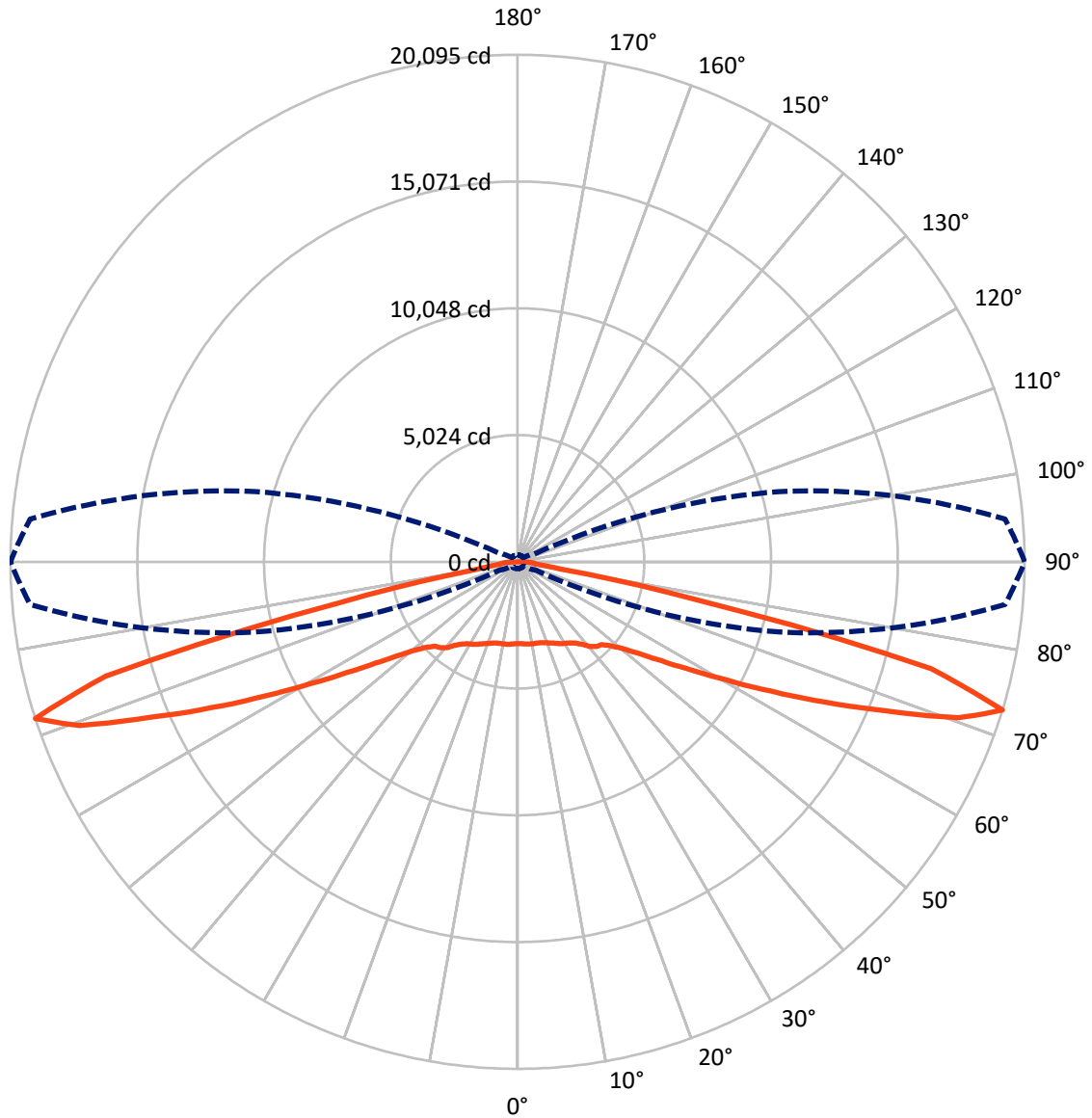
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.2 fc
 Type I - Short - N/A

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CATALOG NUMBER: GLAN-SB3C-722-U-T1

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	8691.0	0.0	8691.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	8691.0	0.0	8691.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	17382.0	0.0	17382.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	314.9	1.8
10°-20°	962.9	5.5
20°-30°	1605.6	9.2
30°-40°	2208.2	12.7
40°-50°	2696.8	15.5
50°-60°	3119.2	17.9
60°-70°	3719.1	21.4
70°-80°	2595.7	14.9
80°-90°	159.4	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°	17382.0	100.0
0°-180°	17382.0	100.0

Coefficient of Utilization



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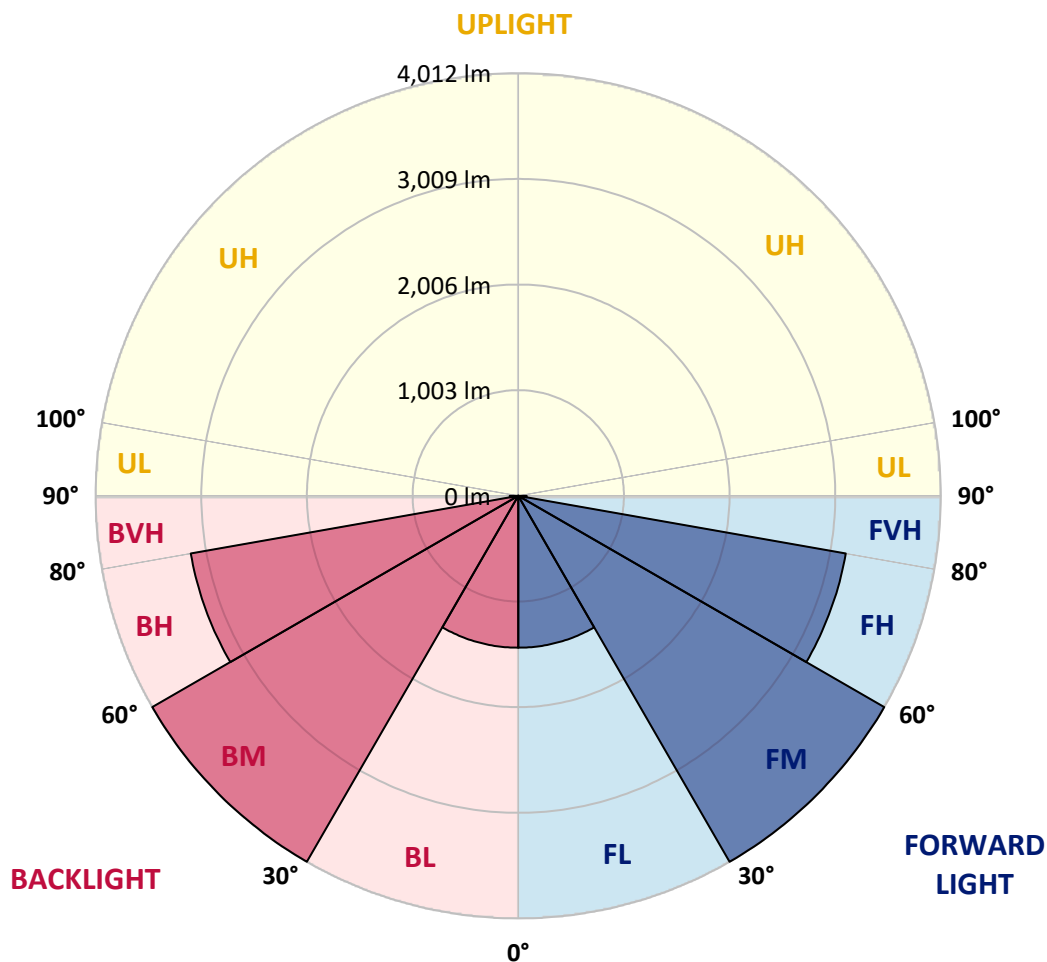
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1441.7	8.3			
FM (30°-60°)	4012.1	23.1			
FH (60°-80°)	3157.4	18.2			G2/5000
FVH (80°-90°)	79.7	0.5			G1/100
BL (0°-30°)	1441.7	8.3	B3/2500		
BM (30°-60°)	4012.1	23.1	B3/5000		
BH (60°-80°)	3157.4	18.2	B4/5000		G4/5000
BVH (80°-90°)	79.7	0.5			G1/100
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°	3248.0	3248.0	3248.0	3248.0	3248.0	3248.0	3248.0	3248.0	3248.0	3248.0
2.5°	3250.8	3254.5	3254.5	3251.7	3258.2	3252.6	3252.6	3249.9	3252.6	3249.9
5°	3267.4	3272.0	3273.9	3273.0	3281.3	3276.6	3276.6	3273.0	3273.9	3271.1
7.5°	3298.8	3305.3	3309.0	3313.6	3325.6	3320.1	3316.4	3305.3	3300.7	3293.3
10°	3309.0	3316.4	3328.4	3352.4	3380.1	3381.0	3369.9	3342.2	3321.0	3304.4
12.5°	3277.6	3287.7	3312.7	3361.6	3423.5	3448.5	3430.9	3384.7	3343.2	3313.6
15°	3237.8	3248.9	3286.8	3360.7	3452.2	3510.4	3508.5	3447.5	3381.0	3334.8
17.5°	3176.0	3187.0	3241.5	3345.0	3474.3	3570.4	3596.3	3533.5	3440.2	3378.3
20°	3064.2	3074.3	3150.1	3295.1	3481.7	3634.2	3701.6	3646.2	3529.8	3445.7
22.5°	2919.1	2934.8	3023.5	3209.2	3464.2	3700.7	3821.7	3783.8	3634.2	3517.8
25°	2763.9	2780.6	2884.0	3103.9	3418.9	3748.7	3963.9	3939.9	3752.4	3607.4
27.5°	2630.0	2647.6	2760.3	2999.5	3348.7	3767.2	4104.4	4116.4	3895.6	3706.2
30°	2524.7	2541.3	2661.4	2915.4	3258.2	3748.7	4227.2	4310.4	4041.5	3792.1
32.5°	2409.2	2430.5	2557.0	2812.9	3151.0	3704.4	4334.4	4520.1	4210.6	3884.5
35°	2263.3	2282.7	2415.7	2672.5	3010.6	3633.2	4424.0	4752.8	4452.6	4024.9
37.5°	2085.9	2104.4	2236.5	2497.0	2871.1	3533.5	4492.3	5015.2	4740.8	4227.2
40°	1907.6	1925.2	2048.9	2301.1	2703.9	3406.0	4516.4	5272.0	5071.6	4505.3
42.5°	1744.1	1759.8	1873.4	2108.1	2516.4	3243.4	4485.0	5495.6	5368.1	4699.3
45°	1593.5	1607.4	1708.1	1927.0	2321.5	3045.7	4390.7	5735.7	5721.0	4837.8
47.5°	1421.7	1435.6	1539.9	1751.5	2126.5	2813.8	4230.9	5972.2	6211.5	5151.9
50°	1212.0	1224.0	1331.2	1549.2	1924.2	2567.2	4009.2	6157.9	6830.4	5627.7
52.5°	963.5	976.4	1080.8	1298.8	1684.1	2302.1	3717.3	6278.9	7545.4	6322.3
55°	716.9	726.1	816.6	1012.5	1386.6	2000.0	3351.5	6313.1	8356.5	7272.0
57.5°	520.1	525.6	583.8	729.8	1051.3	1622.2	2907.1	6224.4	9321.9	8489.5
60°	421.2	423.1	440.6	505.3	730.7	1195.4	2370.4	5919.6	10369.4	10059.0
62.5°	382.4	382.4	387.1	404.6	494.2	788.9	1721.0	5287.7	11492.7	12042.4
65°	355.7	355.7	357.5	365.8	389.8	502.5	1086.4	4258.6	12439.6	14365.7
67.5°	331.6	332.6	331.6	334.4	348.3	371.4	630.0	2941.3	12949.5	16773.1
70°	306.7	308.5	303.9	303.9	315.0	315.9	394.5	1612.9	12526.5	18790.6
72.5°	277.1	279.9	272.5	270.7	279.0	275.3	296.5	774.1	10754.6	19392.9
75°	251.3	255.0	238.3	233.7	233.7	230.9	241.1	397.2	6980.1	15819.7
77.5°	228.2	235.6	208.8	194.0	190.3	182.0	196.8	243.0	3053.1	7427.2
80°	188.5	198.6	171.8	154.3	147.8	138.6	155.2	170.0	908.1	1724.7
82.5°	140.4	145.0	121.9	109.9	104.4	97.9	116.4	118.2	295.6	610.6
85°	89.6	91.5	74.8	64.7	61.9	59.1	73.9	64.7	112.7	449.0
87.5°	31.4	36.0	28.6	25.9	27.7	23.1	34.2	19.4	31.4	316.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

3248.0
3249.9
3271.1
3293.3
3301.6
3309.0
3327.5
3368.1
3430.0
3496.5
3577.8
3674.8
3746.9
3827.2
3961.2
4142.2
4414.7
4582.9
4680.8
4970.9
5400.4
6042.4
6921.9
8048.9
9503.8
11298.8
13425.3
15757.8
18523.6
20095.0
16920.9
7272.9
1651.7
690.1
652.2
392.6
0.0

OF REPORT)