

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: P847414

Luminaire Tested: **GLAN-SB3C-730-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847414
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-730-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 21472 lumens
Efficiency: N/A
Efficacy: 144.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B4 - U0 - G4

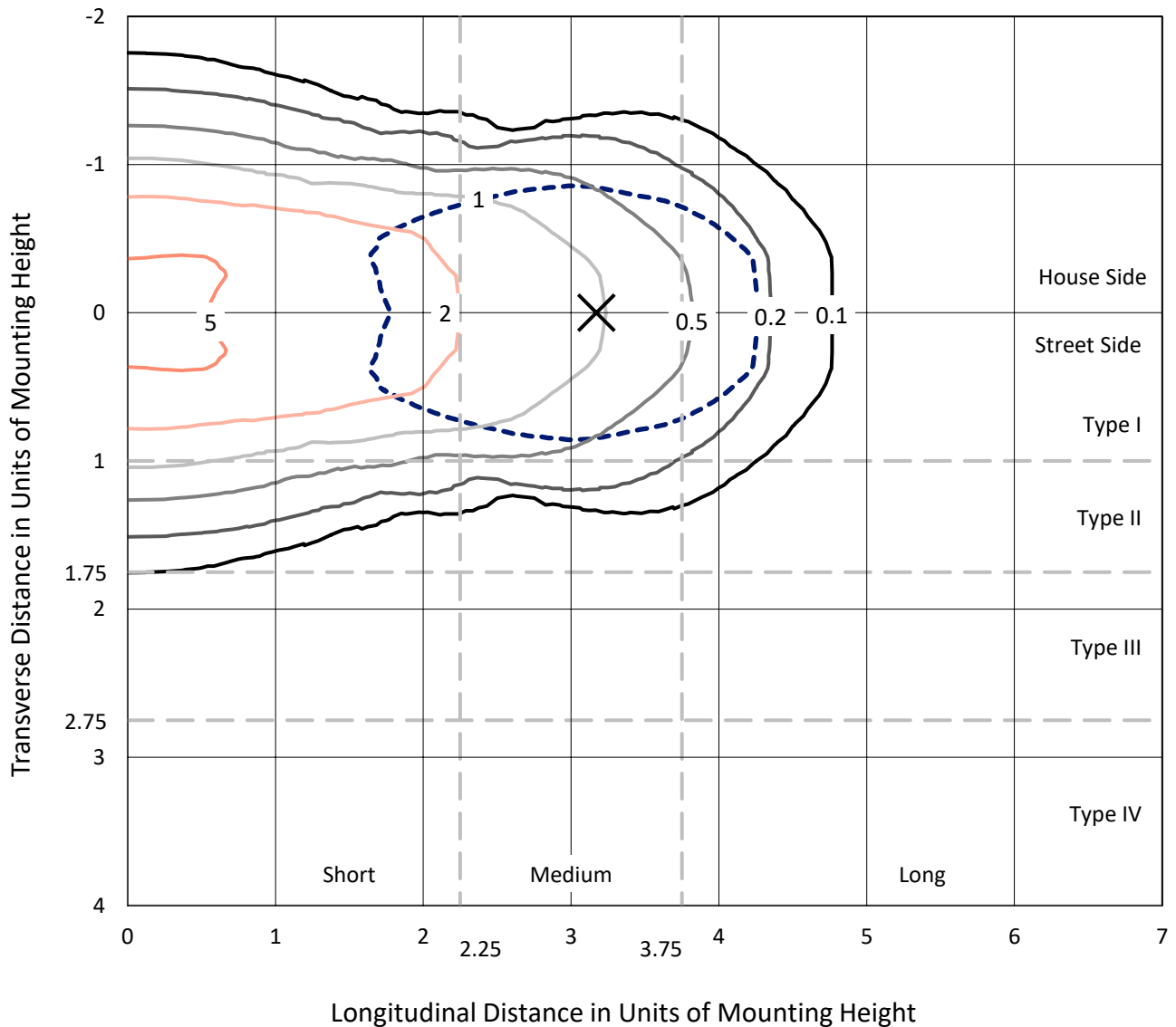
Input Watts (W): 149.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

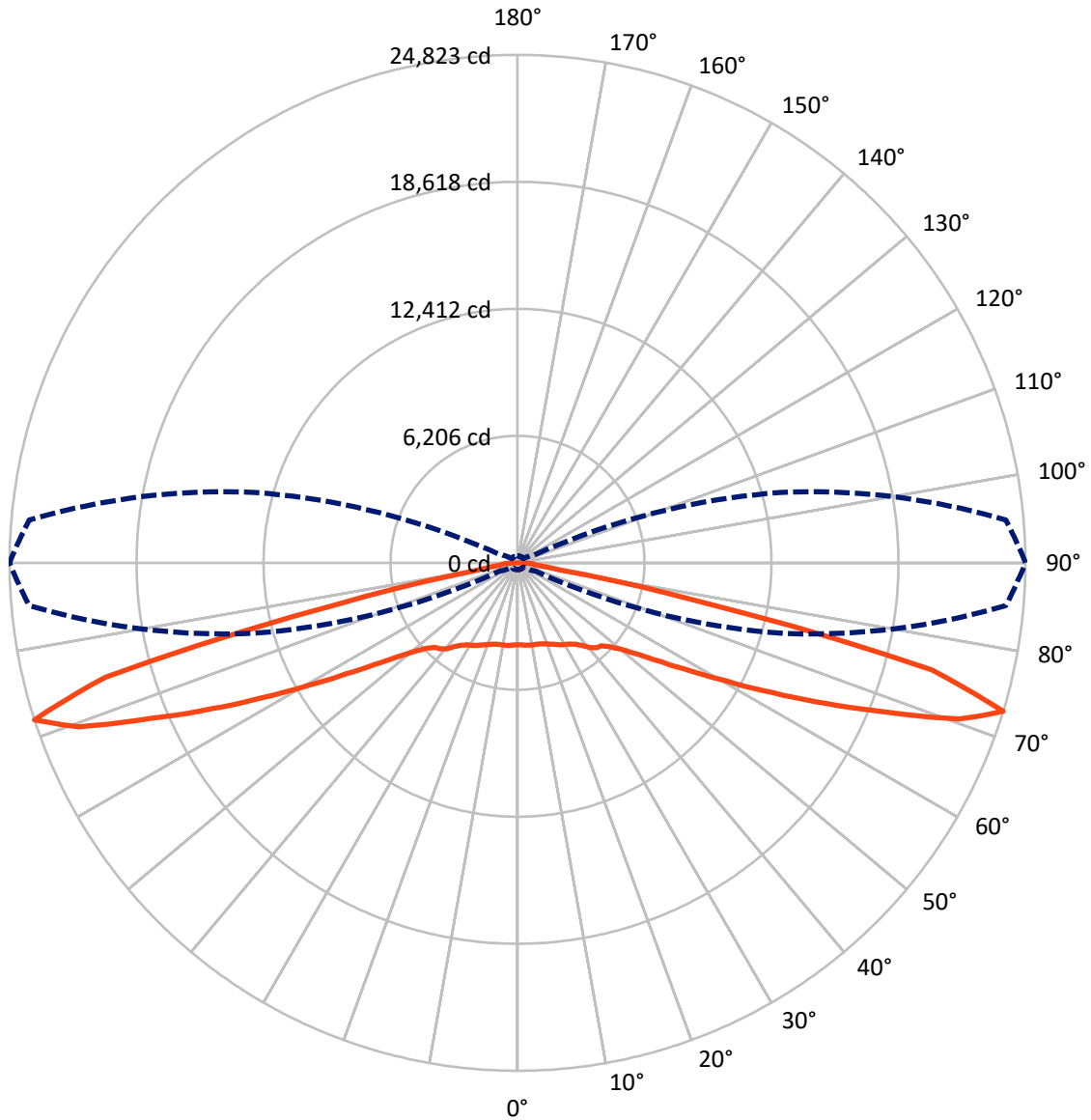
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.4 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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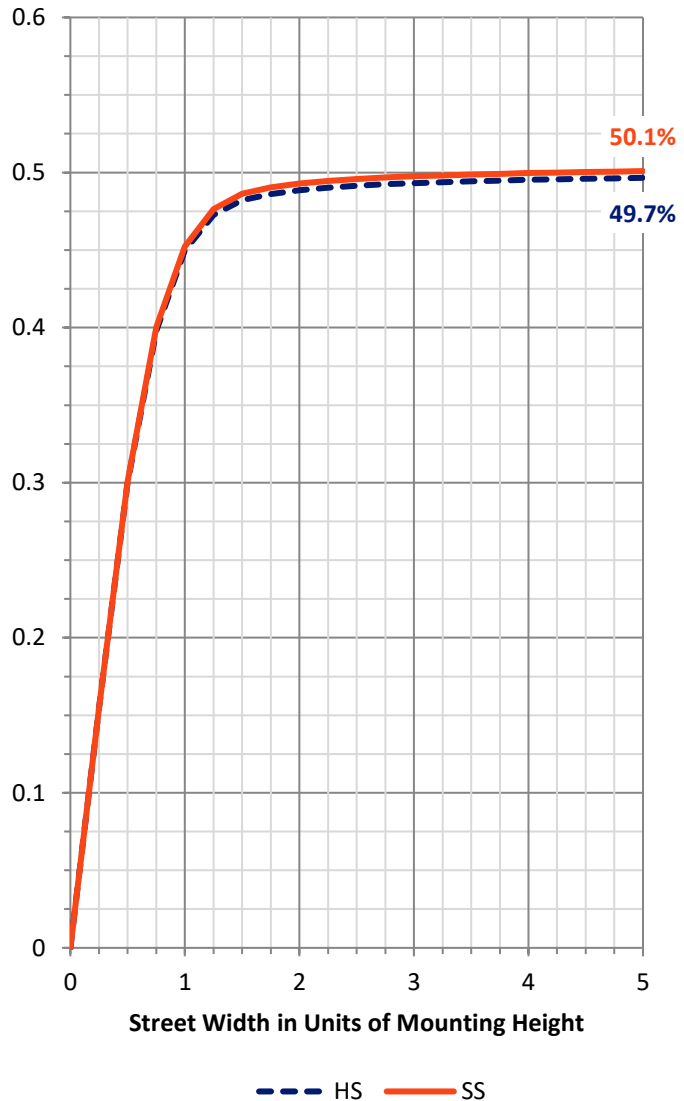
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10736.0	0.0	10736.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	10736.0	0.0	10736.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	21472.0	0.0	21472.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	389.0	1.8
10°-20°	1189.5	5.5
20°-30°	1983.4	9.2
30°-40°	2727.8	12.7
40°-50°	3331.4	15.5
50°-60°	3853.1	17.9
60°-70°	4594.2	21.4
70°-80°	3206.5	14.9
80°-90°	196.9	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°	21472.0	100.0
0°-180°	21472.0	100.0

Coefficient of Utilization

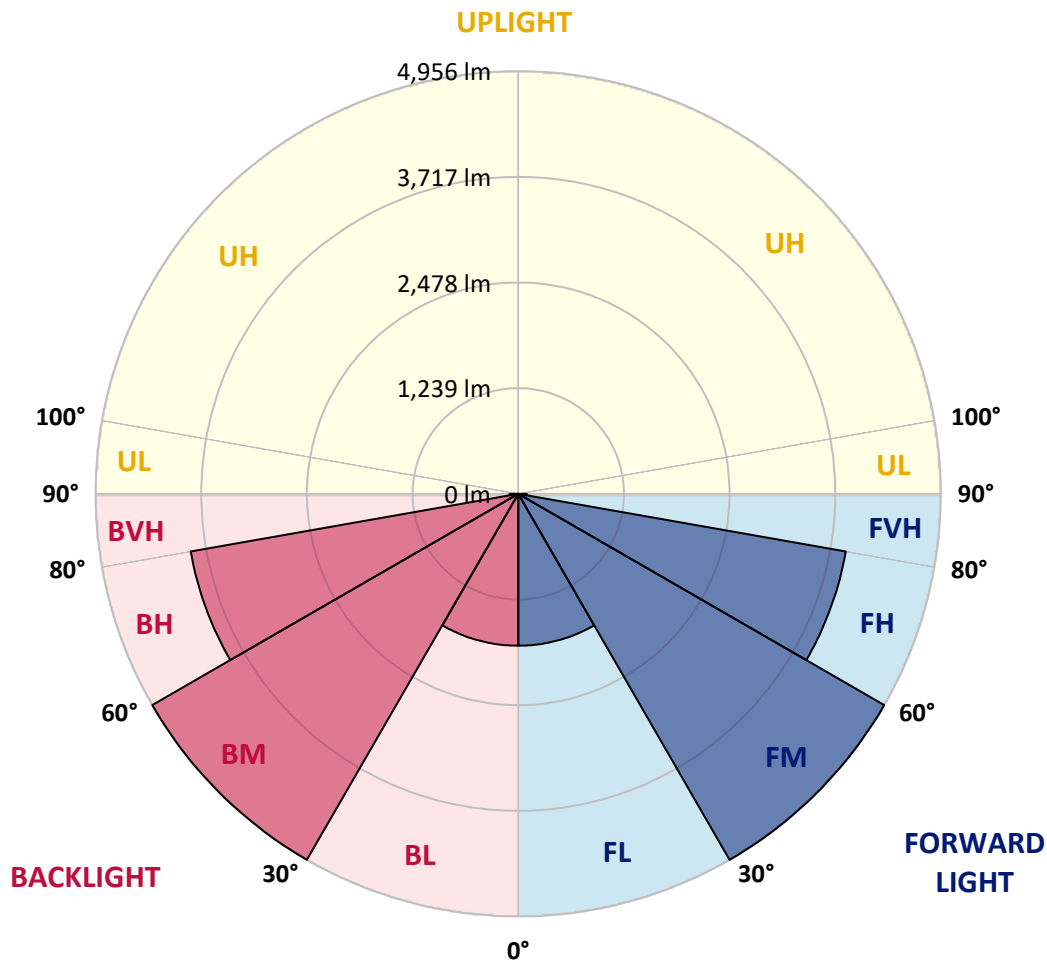


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1781.0	8.3			
FM (30°-60°)	4956.2	23.1			
FH (60°-80°)	3900.3	18.2			G2/5000
FVH (80°-90°)	98.5	0.5			G1/100
BL (0°-30°)	1781.0	8.3	B3/2500		
BM (30°-60°)	4956.2	23.1	B3/5000		
BH (60°-80°)	3900.3	18.2	B4/5000		G4/5000
BVH (80°-90°)	98.5	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°	4012.3	4012.3	4012.3	4012.3	4012.3	4012.3	4012.3	4012.3	4012.3	4012.3
2.5°	4015.7	4020.3	4020.3	4016.8	4024.8	4018.0	4018.0	4014.6	4018.0	4014.6
5°	4036.2	4041.9	4044.2	4043.1	4053.4	4047.6	4047.6	4043.1	4044.2	4040.8
7.5°	4075.0	4083.0	4087.6	4093.3	4108.1	4101.3	4096.7	4083.0	4077.3	4068.2
10°	4087.6	4096.7	4111.5	4141.2	4175.5	4176.6	4162.9	4128.7	4102.4	4081.9
12.5°	4048.8	4061.3	4092.2	4152.6	4229.1	4259.9	4238.2	4181.2	4129.8	4093.3
15°	3999.7	4013.4	4060.2	4151.5	4264.5	4336.4	4334.1	4258.8	4176.6	4119.5
17.5°	3923.3	3937.0	4004.3	4132.1	4291.9	4410.5	4442.5	4364.9	4249.6	4173.2
20°	3785.2	3797.7	3891.3	4070.5	4301.0	4489.3	4572.6	4504.1	4360.3	4256.5
22.5°	3606.0	3625.4	3735.0	3964.3	4279.3	4571.4	4720.9	4674.1	4489.3	4345.5
25°	3414.3	3434.8	3562.7	3834.3	4223.4	4630.8	4896.7	4867.0	4635.3	4456.2
27.5°	3248.8	3270.5	3409.7	3705.3	4136.7	4653.6	5070.1	5084.9	4812.2	4578.3
30°	3118.8	3139.3	3287.6	3601.5	4024.8	4630.8	5221.9	5324.6	4992.5	4684.4
32.5°	2976.1	3002.4	3158.7	3474.8	3892.4	4576.0	5354.3	5583.6	5201.3	4798.5
35°	2795.8	2819.8	2984.1	3301.3	3719.0	4488.1	5464.9	5871.2	5500.3	4972.0
37.5°	2576.7	2599.5	2762.7	3084.5	3546.7	4364.9	5549.4	6195.3	5856.4	5221.9
40°	2356.5	2378.1	2531.1	2842.6	3340.1	4207.4	5579.1	6512.5	6264.9	5565.4
42.5°	2154.5	2173.9	2314.2	2604.1	3108.5	4006.6	5540.3	6788.7	6631.2	5805.0
45°	1968.5	1985.6	2110.0	2380.4	2867.7	3762.4	5423.9	7085.4	7067.1	5976.2
47.5°	1756.2	1773.3	1902.3	2163.6	2626.9	3475.9	5226.4	7377.5	7673.1	6364.2
50°	1497.2	1512.0	1644.4	1913.7	2377.0	3171.2	4952.6	7606.9	8437.6	6951.9
52.5°	1190.2	1206.2	1335.1	1604.5	2080.3	2843.7	4592.0	7756.4	9320.9	7810.0
55°	885.5	896.9	1008.8	1250.7	1712.9	2470.6	4140.1	7798.6	10322.8	8983.1
57.5°	642.5	649.3	721.2	901.5	1298.6	2003.9	3591.2	7689.0	11515.3	10487.1
60°	520.4	522.6	544.3	624.2	902.6	1476.6	2928.2	7312.5	12809.4	12425.9
62.5°	472.4	472.4	478.1	499.8	610.5	974.5	2126.0	6531.9	14197.0	14876.0
65°	439.3	439.3	441.6	451.9	481.6	620.8	1342.0	5260.7	15366.7	17746.0
67.5°	409.7	410.8	409.7	413.1	430.2	458.7	778.3	3633.4	15996.6	20719.8
70°	378.9	381.1	375.4	375.4	389.1	390.3	487.3	1992.4	15473.9	23212.1
72.5°	342.3	345.8	336.6	334.4	344.6	340.1	366.3	956.3	13285.2	23956.1
75°	310.4	315.0	294.4	288.7	288.7	285.3	297.8	490.7	8622.5	19542.1
77.5°	281.9	291.0	257.9	239.6	235.1	224.8	243.1	300.1	3771.5	9174.8
80°	232.8	245.3	212.3	190.6	182.6	171.2	191.7	210.0	1121.7	2130.5
82.5°	173.5	179.2	150.6	135.8	128.9	121.0	143.8	146.1	365.2	754.3
85°	110.7	113.0	92.4	79.9	76.5	73.0	91.3	79.9	139.2	554.6
87.5°	38.8	44.5	35.4	32.0	34.2	28.5	42.2	24.0	38.8	391.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

4012.3
4014.6
4040.8
4068.2
4078.5
4087.6
4110.4
4160.6
4237.1
4319.2
4419.7
4539.5
4628.5
4727.8
4893.2
5116.9
5453.5
5661.2
5782.2
6140.5
6671.1
7464.2
8550.6
9942.8
11740.1
13957.4
16584.3
19465.7
22882.3
24823.4
20902.4
8984.2
2040.4
852.4
805.6
485.0
0.0

OF REPORT)