

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: P847244

Luminaire Tested: **GLAN-SB3B-730-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847244
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-SB3B-730-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16145 lumens
Efficiency: N/A
Efficacy: 147.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B4 - U0 - G4

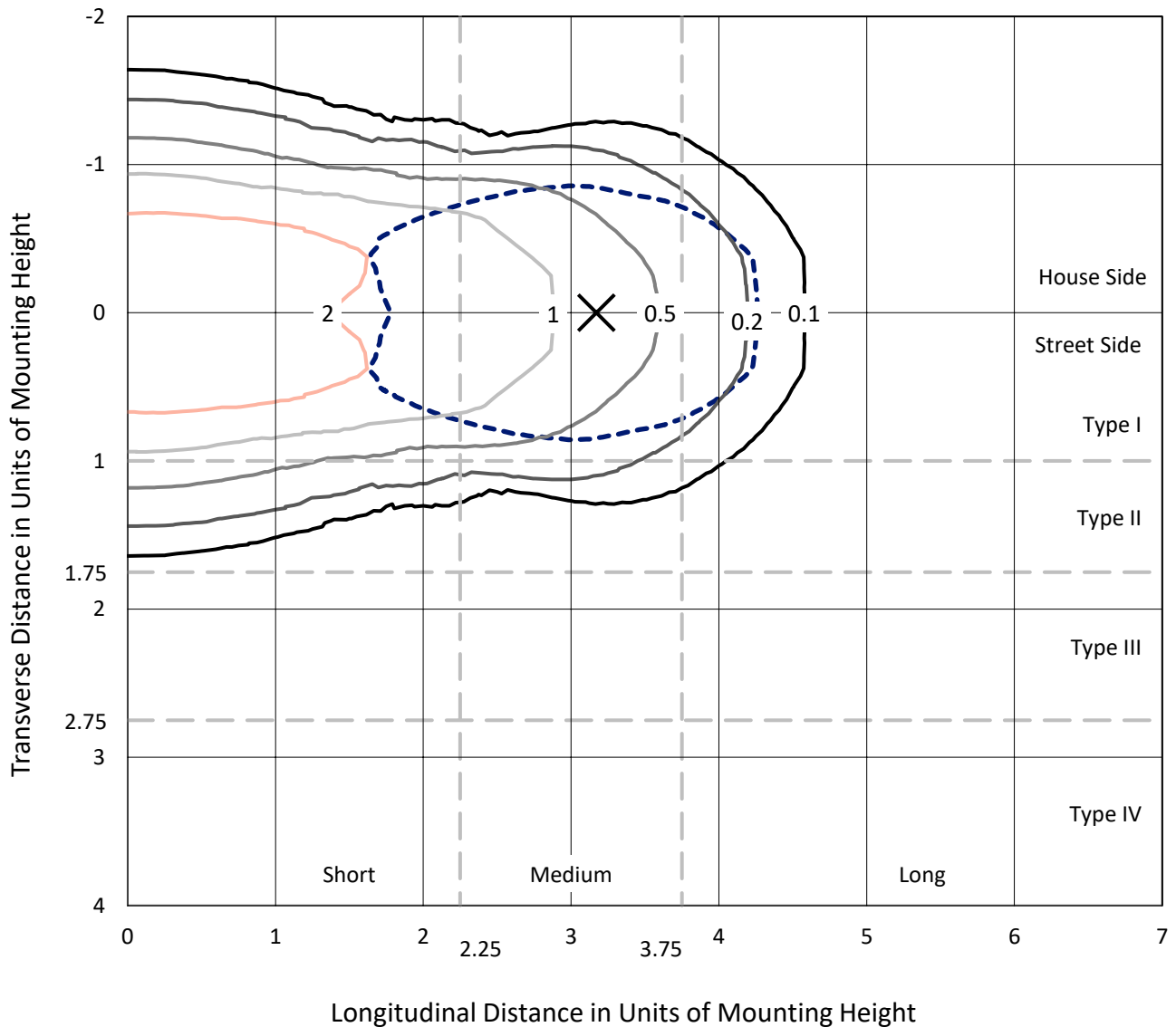
Input Watts (W): 109.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

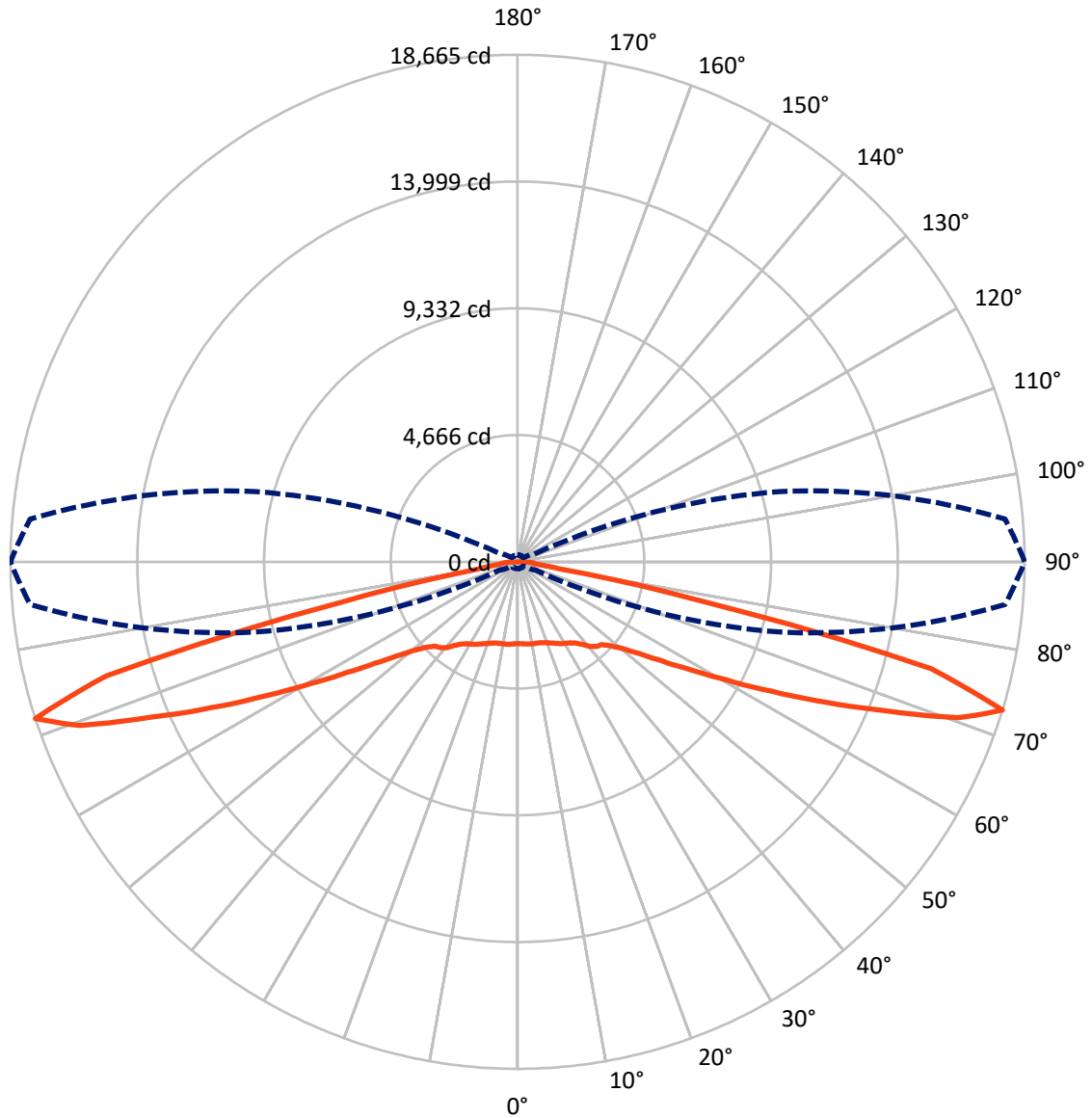
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.8 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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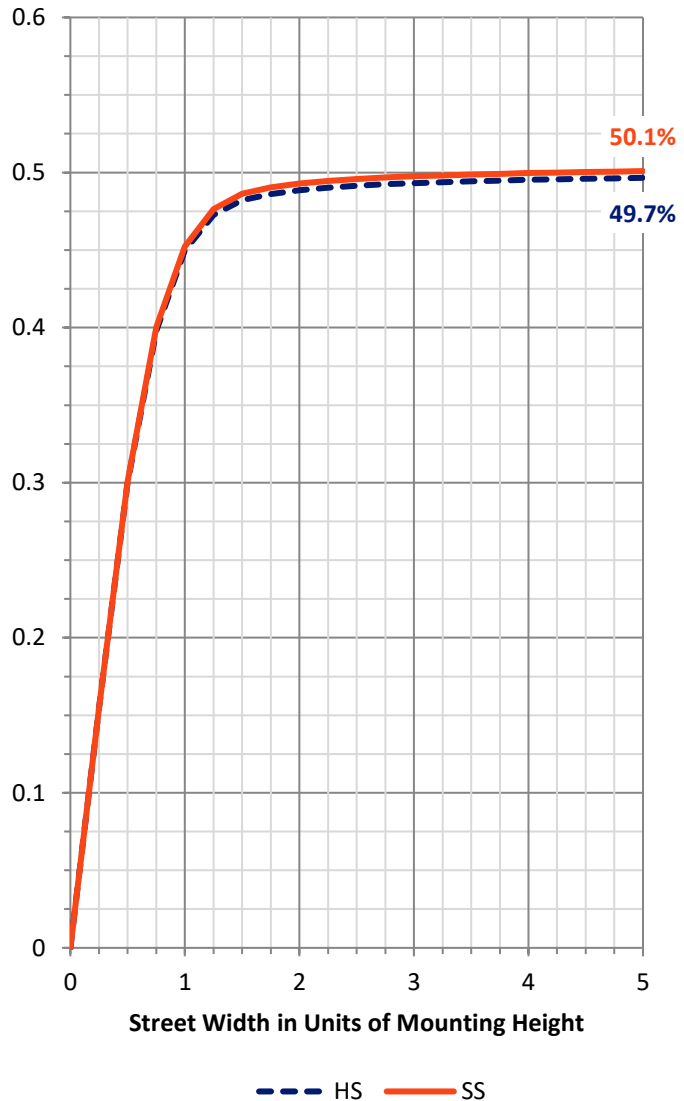
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8072.5	0.0	8072.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	8072.5	0.0	8072.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	16145.0	0.0	16145.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	292.5	1.8
10°-20°	894.4	5.5
20°-30°	1491.4	9.2
30°-40°	2051.1	12.7
40°-50°	2504.9	15.5
50°-60°	2897.2	17.9
60°-70°	3454.4	21.4
70°-80°	2411.0	14.9
80°-90°	148.1	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°	16145.0	100.0
0°-180°	16145.0	100.0

Coefficient of Utilization



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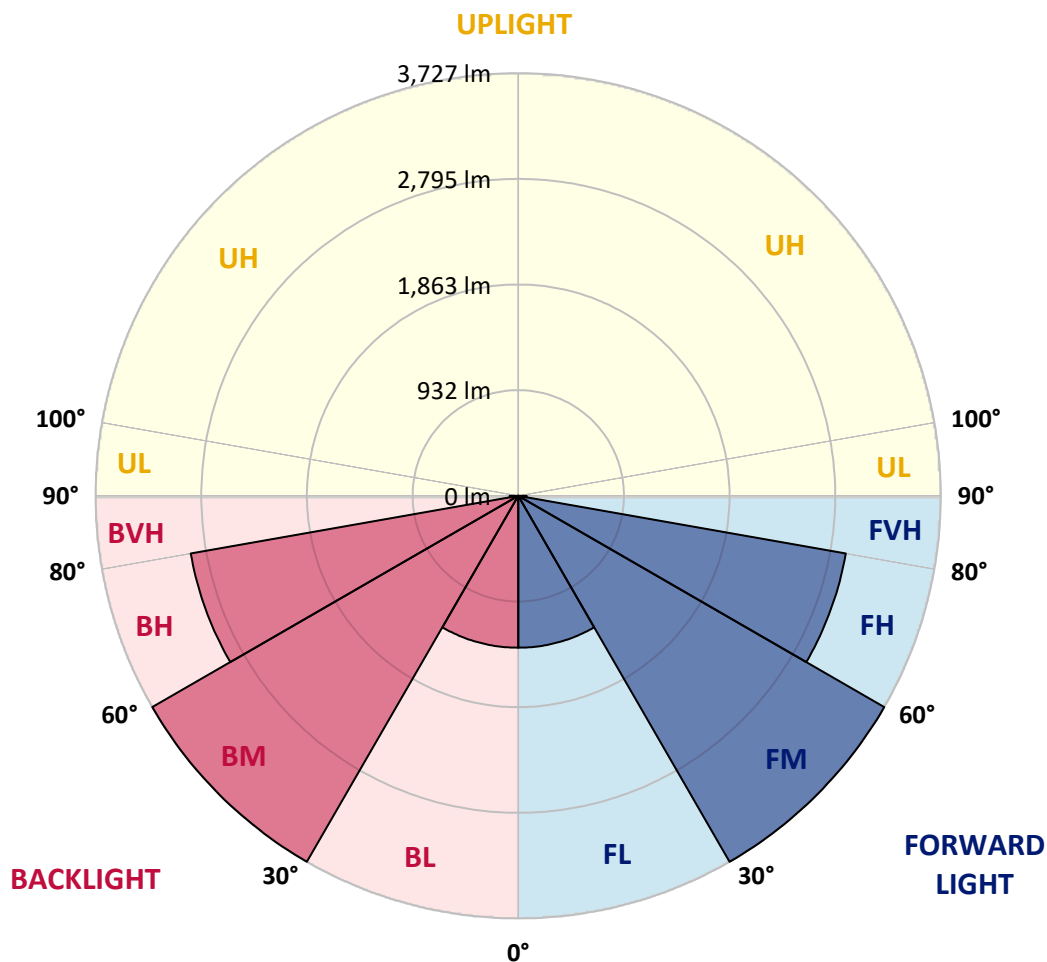
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1339.1	8.3			
FM (30°-60°)	3726.6	23.1			
FH (60°-80°)	2932.7	18.2			G2/5000
FVH (80°-90°)	74.0	0.5			G1/100
BL (0°-30°)	1339.1	8.3	B3/2500		
BM (30°-60°)	3726.6	23.1	B3/5000		
BH (60°-80°)	2932.7	18.2	B4/5000		G4/5000
BVH (80°-90°)	74.0	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°	3016.9	3016.9	3016.9	3016.9	3016.9	3016.9	3016.9	3016.9	3016.9	3016.9
2.5°	3019.4	3022.9	3022.9	3020.3	3026.3	3021.2	3021.2	3018.6	3021.2	3018.6
5°	3034.9	3039.2	3040.9	3040.0	3047.8	3043.5	3043.5	3040.0	3040.9	3038.3
7.5°	3064.1	3070.1	3073.5	3077.8	3088.9	3083.8	3080.4	3070.1	3065.8	3058.9
10°	3073.5	3080.4	3091.5	3113.8	3139.6	3140.4	3130.1	3104.4	3084.6	3069.2
12.5°	3044.3	3053.8	3076.9	3122.4	3179.9	3203.1	3186.8	3143.9	3105.2	3077.8
15°	3007.4	3017.7	3052.9	3121.5	3206.5	3260.5	3258.8	3202.2	3140.4	3097.5
17.5°	2949.9	2960.2	3010.9	3107.0	3227.1	3316.3	3340.3	3282.0	3195.3	3137.8
20°	2846.1	2855.6	2925.9	3060.6	3233.9	3375.5	3438.2	3386.7	3278.6	3200.5
22.5°	2711.4	2726.0	2808.4	2980.8	3217.6	3437.3	3549.7	3514.5	3375.5	3267.4
25°	2567.3	2582.7	2678.8	2883.0	3175.6	3481.9	3681.8	3659.5	3485.4	3350.6
27.5°	2442.8	2459.1	2563.8	2786.1	3110.4	3499.1	3812.3	3823.4	3618.3	3442.5
30°	2345.0	2360.5	2472.0	2708.0	3026.3	3481.9	3926.4	4003.6	3753.9	3522.2
32.5°	2237.8	2257.5	2375.1	2612.7	2926.8	3440.7	4025.9	4198.4	3910.9	3608.1
35°	2102.2	2120.2	2243.8	2482.3	2796.3	3374.7	4109.1	4414.6	4135.7	3738.5
37.5°	1937.5	1954.6	2077.3	2319.3	2666.8	3282.0	4172.6	4658.3	4403.5	3926.4
40°	1771.8	1788.2	1903.1	2137.4	2511.5	3163.6	4195.0	4896.8	4710.6	4184.7
42.5°	1620.0	1634.6	1740.1	1958.0	2337.3	3012.6	4165.8	5104.5	4986.1	4364.8
45°	1480.1	1493.0	1586.5	1789.9	2156.3	2829.0	4078.3	5327.6	5313.8	4493.5
47.5°	1320.5	1333.4	1430.4	1626.8	1975.2	2613.6	3929.8	5547.2	5769.5	4785.3
50°	1125.7	1136.9	1236.4	1438.9	1787.3	2384.5	3723.9	5719.7	6344.3	5227.2
52.5°	894.9	906.9	1003.9	1206.4	1564.2	2138.2	3452.7	5832.1	7008.5	5872.4
55°	665.8	674.4	758.5	940.4	1287.9	1857.7	3113.0	5863.8	7761.8	6754.5
57.5°	483.1	488.2	542.3	677.9	976.4	1506.7	2700.2	5781.5	8658.5	7885.4
60°	391.3	393.0	409.3	469.3	678.7	1110.3	2201.7	5498.3	9631.5	9343.2
62.5°	355.2	355.2	359.5	375.8	459.1	732.8	1598.5	4911.4	10674.9	11185.4
65°	330.3	330.3	332.1	339.8	362.1	466.8	1009.1	3955.6	11554.3	13343.4
67.5°	308.0	308.9	308.0	310.6	323.5	344.9	585.2	2732.0	12028.0	15579.4
70°	284.9	286.6	282.3	282.3	292.6	293.4	366.4	1498.1	11635.0	17453.4
72.5°	257.4	260.0	253.1	251.4	259.1	255.7	275.4	719.0	9989.3	18012.8
75°	233.4	236.8	221.4	217.1	217.1	214.5	223.9	369.0	6483.3	14693.9
77.5°	211.9	218.8	193.9	180.2	176.8	169.0	182.8	225.7	2835.8	6898.6
80°	175.0	184.5	159.6	143.3	137.3	128.7	144.2	157.9	843.5	1602.0
82.5°	130.4	134.7	113.3	102.1	97.0	91.0	108.1	109.8	274.6	567.2
85°	83.2	84.9	69.5	60.1	57.5	54.9	68.6	60.1	104.7	417.0
87.5°	29.2	33.5	26.6	24.0	25.7	21.5	31.7	18.0	29.2	294.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

3016.9
3018.6
3038.3
3058.9
3066.6
3073.5
3090.7
3128.4
3185.9
3247.7
3323.2
3413.3
3480.2
3554.9
3679.3
3847.4
4100.6
4256.7
4347.7
4617.1
5016.1
5612.4
6429.3
7476.1
8827.5
10494.7
12469.9
14636.4
17205.4
18664.9
15716.7
6755.3
1534.2
641.0
605.8
364.7
0.0

OF REPORT)