

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: P847084

Luminaire Tested: **GLAN-SB3A-735-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847084
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-SB3A-735-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 3500K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13066 lumens
Efficiency: N/A
Efficacy: 154.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B3 - U0 - G3

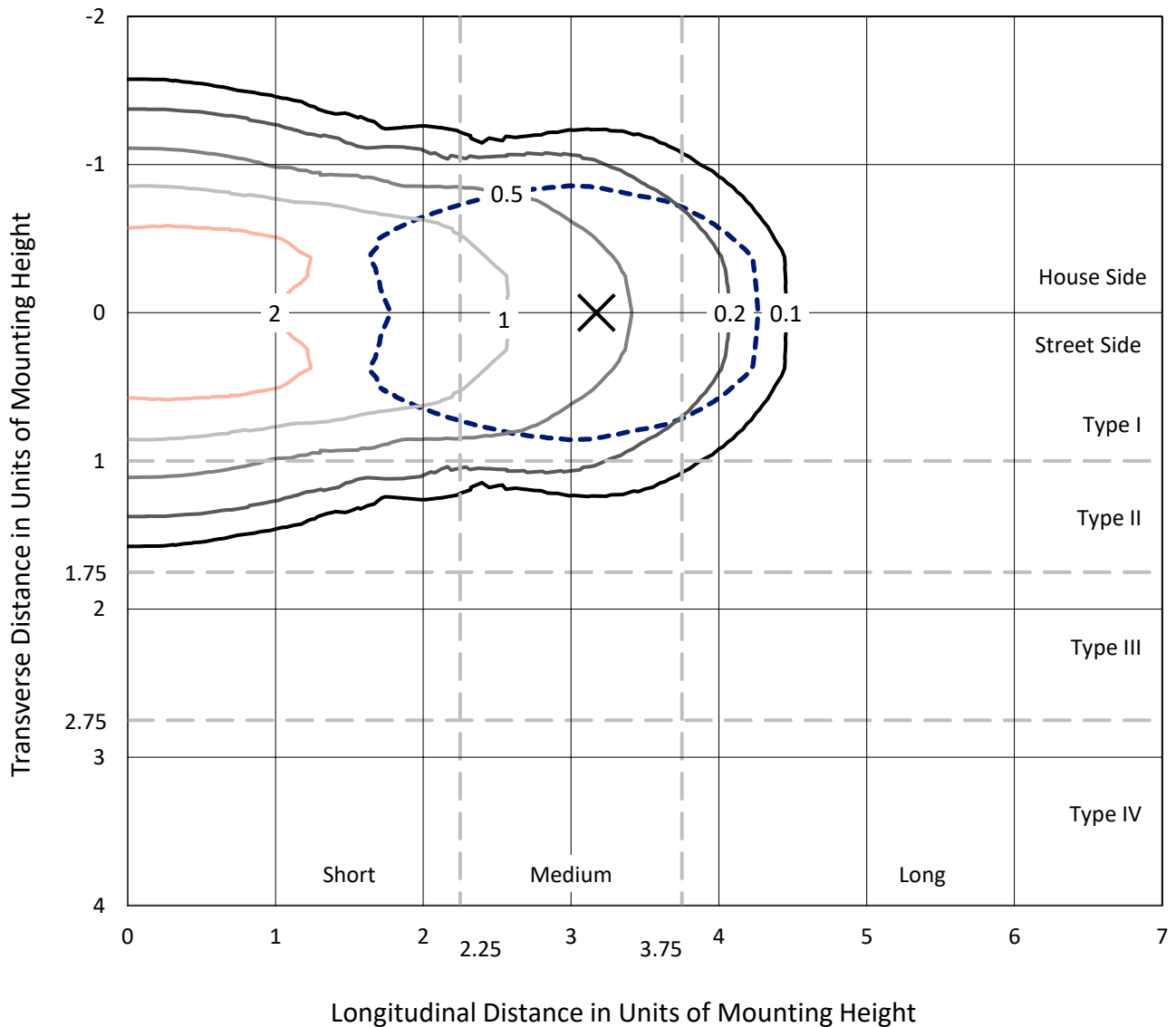
Input Watts (W): 84.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

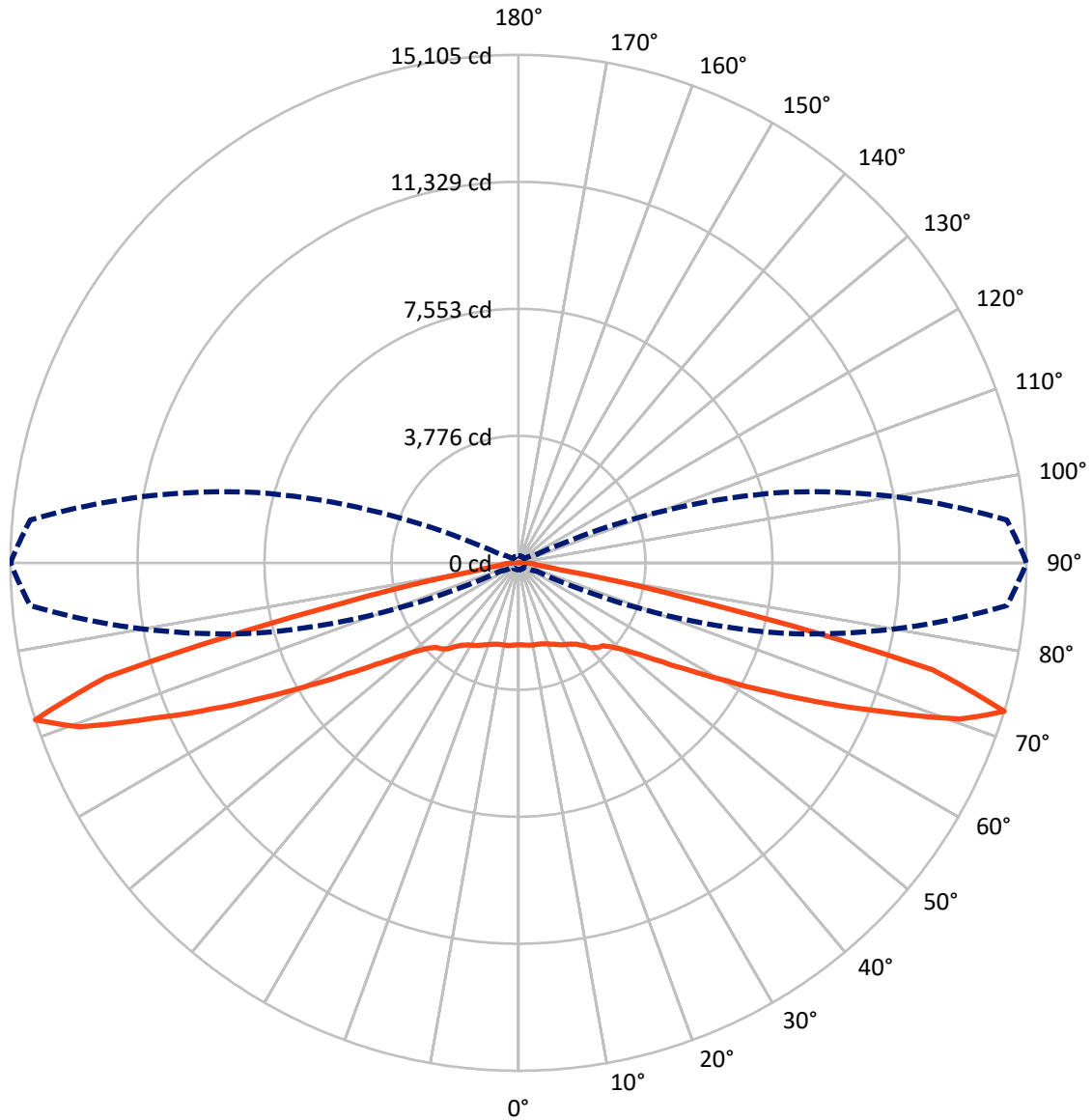
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.9 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	6533.0	0.0	6533.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	6533.0	0.0	6533.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	13066.0	0.0	13066.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	236.7	1.8
10°-20°	723.8	5.5
20°-30°	1206.9	9.2
30°-40°	1659.9	12.7
40°-50°	2027.2	15.5
50°-60°	2344.7	17.9
60°-70°	2795.7	21.4
70°-80°	1951.2	14.9
80°-90°	119.8	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°	13066.0	100.0
0°-180°	13066.0	100.0

Coefficient of Utilization



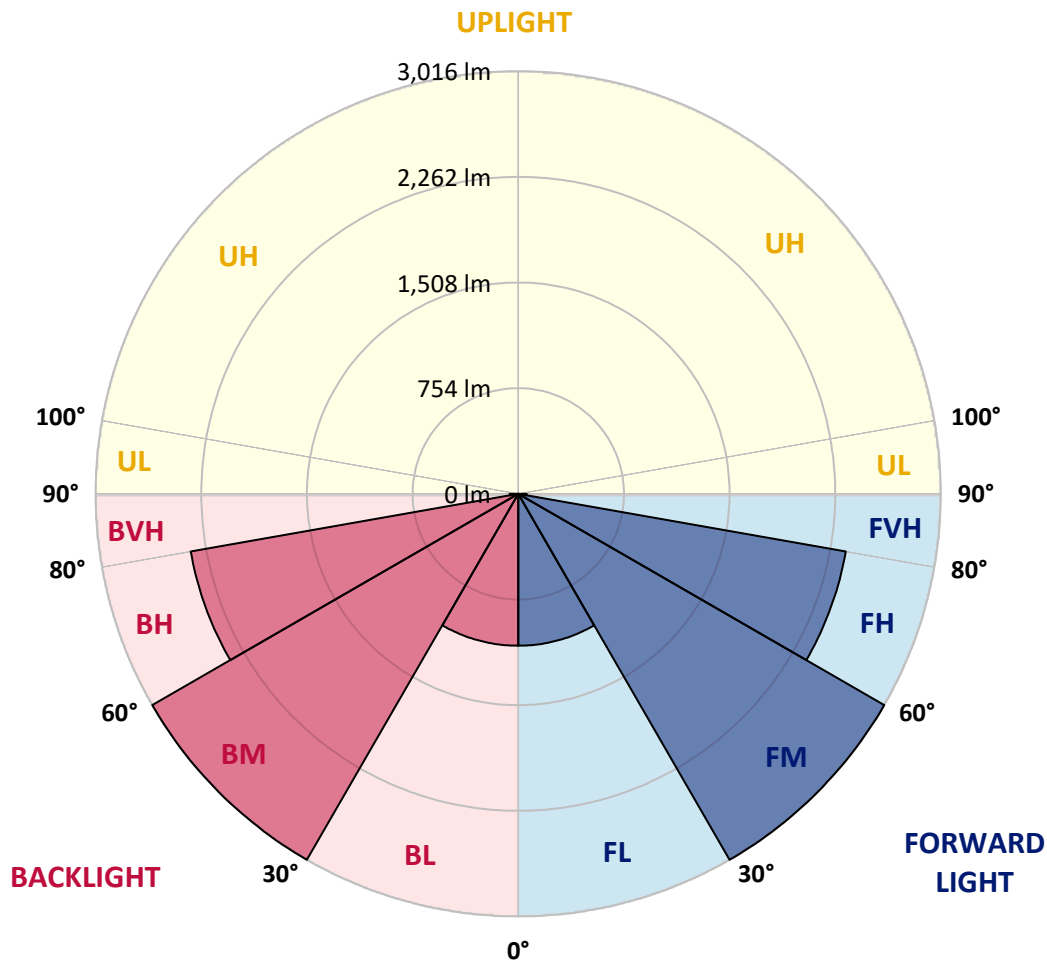
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1083.8	8.3			
FM (30°-60°)	3015.9	23.1			
FH (60°-80°)	2373.4	18.2			G2/5000
FVH (80°-90°)	59.9	0.5			G1/100
BL (0°-30°)	1083.8	8.3	B3/2500		
BM (30°-60°)	3015.9	23.1	B3/5000		
BH (60°-80°)	2373.4	18.2	B3/2500		G3/2500
BVH (80°-90°)	59.9	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type I Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2441.5	2441.5	2441.5	2441.5	2441.5	2441.5	2441.5	2441.5	2441.5	2441.5
2.5°	2443.6	2446.4	2446.4	2444.3	2449.2	2445.0	2445.0	2442.9	2445.0	2442.9
5°	2456.1	2459.6	2461.0	2460.3	2466.5	2463.0	2463.0	2460.3	2461.0	2458.9
7.5°	2479.7	2484.6	2487.4	2490.8	2499.8	2495.7	2492.9	2484.6	2481.1	2475.5
10°	2487.4	2492.9	2501.9	2520.0	2540.8	2541.5	2533.2	2512.3	2496.4	2483.9
12.5°	2463.7	2471.4	2490.1	2526.9	2573.5	2592.2	2579.0	2544.3	2513.0	2490.8
15°	2433.9	2442.2	2470.7	2526.2	2595.0	2638.7	2637.3	2591.5	2541.5	2506.8
17.5°	2387.4	2395.7	2436.7	2514.4	2611.6	2683.9	2703.3	2656.1	2586.0	2539.4
20°	2303.3	2311.0	2367.9	2476.9	2617.2	2731.8	2782.5	2740.8	2653.3	2590.1
22.5°	2194.3	2206.1	2272.8	2412.4	2604.0	2781.8	2872.7	2844.3	2731.8	2644.3
25°	2077.7	2090.2	2167.9	2333.2	2570.0	2817.9	2979.7	2961.6	2820.7	2711.6
27.5°	1977.0	1990.2	2074.9	2254.7	2517.2	2831.8	3085.2	3094.3	2928.3	2785.9
30°	1897.8	1910.3	2000.6	2191.5	2449.2	2817.9	3177.6	3240.1	3038.0	2850.5
32.5°	1811.0	1827.0	1922.1	2114.5	2368.6	2784.6	3258.1	3397.7	3165.1	2920.0
35°	1701.3	1715.9	1815.9	2008.9	2263.1	2731.1	3325.5	3572.7	3347.0	3025.5
37.5°	1568.0	1581.8	1681.1	1877.0	2158.2	2656.1	3376.9	3769.9	3563.7	3177.6
40°	1433.9	1447.1	1540.2	1729.8	2032.5	2560.3	3394.9	3963.0	3812.3	3386.6
42.5°	1311.0	1322.8	1408.2	1584.6	1891.6	2438.0	3371.3	4131.0	4035.2	3532.4
45°	1197.8	1208.3	1284.0	1448.5	1745.0	2289.4	3300.5	4311.5	4300.4	3636.6
47.5°	1068.7	1079.1	1157.6	1316.6	1598.5	2115.2	3180.4	4489.3	4669.2	3872.7
50°	911.1	920.1	1000.6	1164.5	1446.4	1929.7	3013.7	4628.9	5134.4	4230.3
52.5°	724.3	734.0	812.5	976.3	1265.9	1730.5	2794.3	4719.9	5671.9	4752.5
55°	538.9	545.8	613.9	761.1	1042.3	1503.4	2519.3	4745.5	6281.6	5466.3
57.5°	390.9	395.1	438.9	548.6	790.2	1219.4	2185.3	4678.9	7007.2	6381.6
60°	316.6	318.0	331.2	379.8	549.3	898.6	1781.8	4449.7	7794.7	7561.4
62.5°	287.5	287.5	291.0	304.1	371.5	593.0	1293.7	3974.8	8639.1	9052.2
65°	267.3	267.3	268.7	275.0	293.0	377.8	816.6	3201.2	9350.8	10798.7
67.5°	249.3	250.0	249.3	251.4	261.8	279.1	473.6	2211.0	9734.1	12608.3
70°	230.5	231.9	228.5	228.5	236.8	237.5	296.5	1212.4	9416.1	14124.8
72.5°	208.3	210.4	204.8	203.5	209.7	206.9	222.9	581.9	8084.2	14577.6
75°	188.9	191.7	179.2	175.7	175.7	173.6	181.2	298.6	5246.9	11891.6
77.5°	171.5	177.1	156.9	145.8	143.0	136.8	147.9	182.6	2295.0	5583.0
80°	141.7	149.3	129.2	116.0	111.1	104.2	116.7	127.8	682.6	1296.4
82.5°	105.5	109.0	91.7	82.6	78.5	73.6	87.5	88.9	222.2	459.0
85°	67.4	68.7	56.2	48.6	46.5	44.4	55.6	48.6	84.7	337.5
87.5°	23.6	27.1	21.5	19.4	20.8	17.4	25.7	14.6	23.6	238.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

2441.5
2442.9
2458.9
2475.5
2481.8
2487.4
2501.2
2531.8
2578.3
2628.3
2689.4
2762.3
2816.5
2876.9
2977.6
3113.7
3318.6
3444.9
3518.5
3736.6
4059.5
4542.1
5203.2
6050.3
7144.0
8493.2
10091.8
11845.1
13924.2
15105.3
12719.4
5467.0
1241.6
518.7
490.2
295.1
0.0

OF REPORT)