

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: P847051

Luminaire Tested: **GLAN-SB3A-722-U-5WQ**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847051
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-1)
Test Lab: INNOVATION CENTER
Issue Date: 6/26/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB3A-722-U-5WQ
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10646 lumens
Efficiency: N/A
Efficacy: 125.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G2

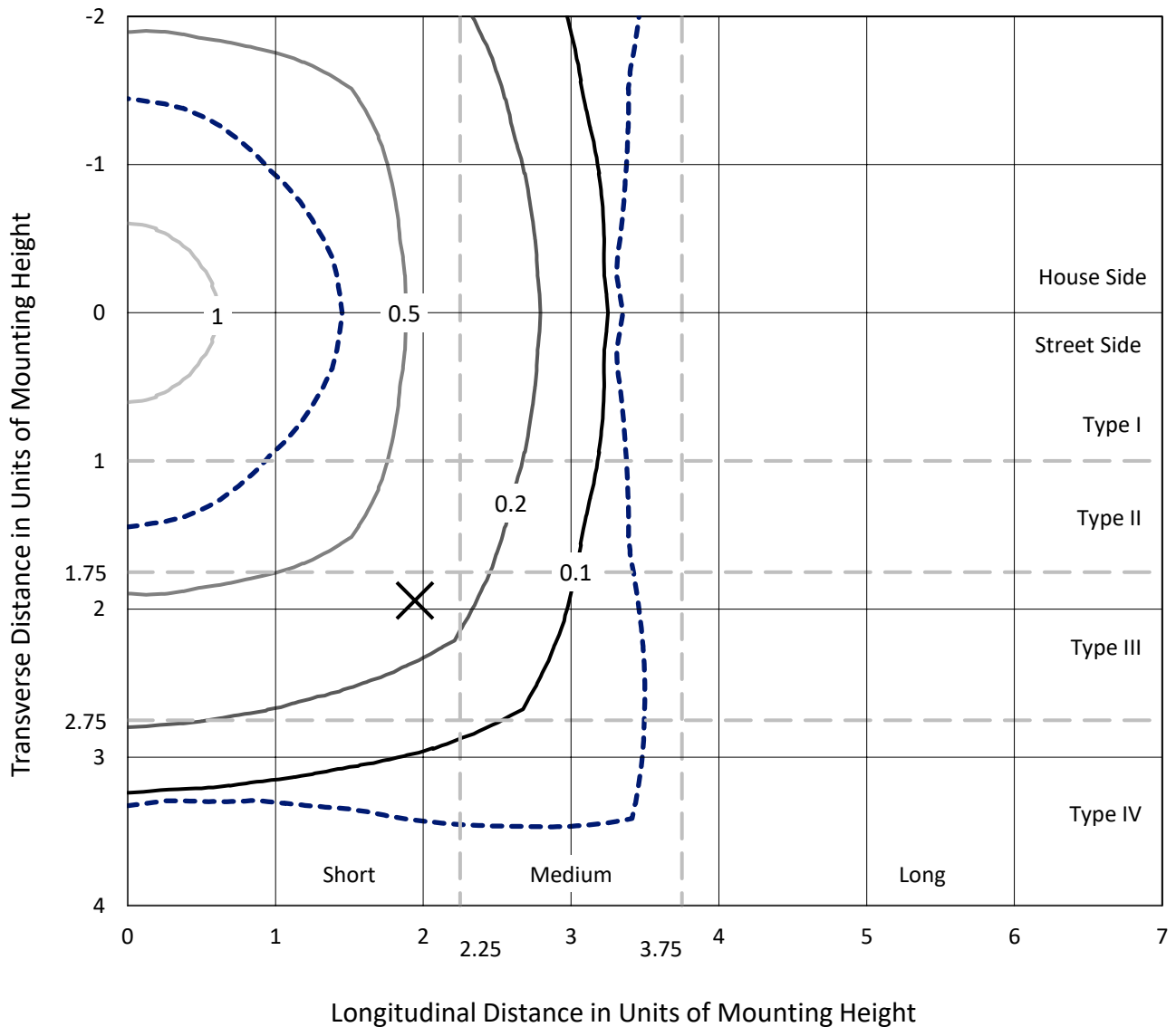
Input Watts (W): 84.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

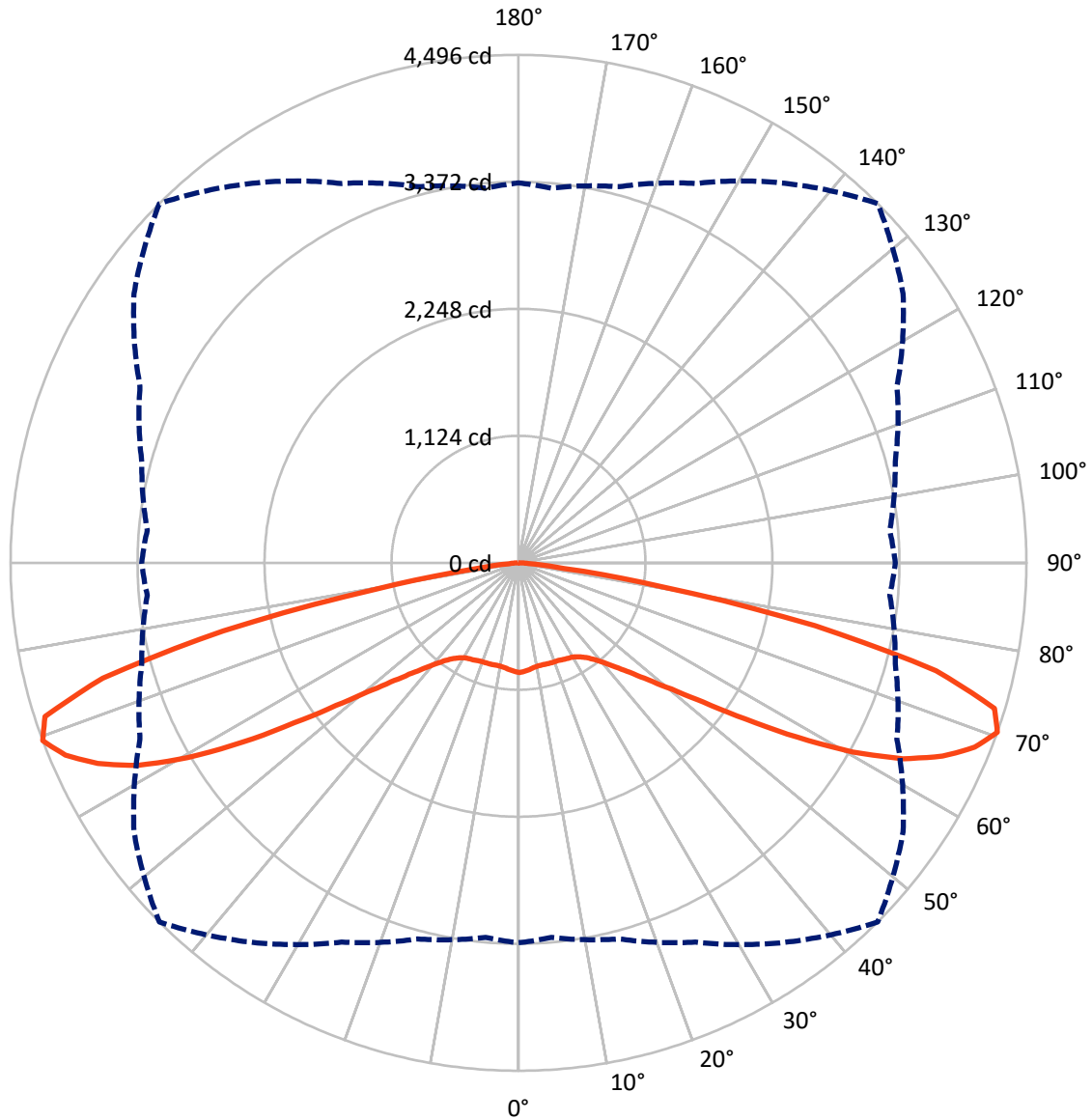
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.6 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5323.0	0.0	5323.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5323.0	0.0	5323.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	10646.0	0.0	10646.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.3	0.8
10°-20°	265.3	2.5
20°-30°	441.4	4.1
30°-40°	667.6	6.3
40°-50°	1109.3	10.4
50°-60°	2093.3	19.7
60°-70°	3534.6	33.2
70°-80°	2322.6	21.8
80°-90°	121.7	1.1
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°	10646.0	100.0
0°-180°	10646.0	100.0

Coefficient of Utilization



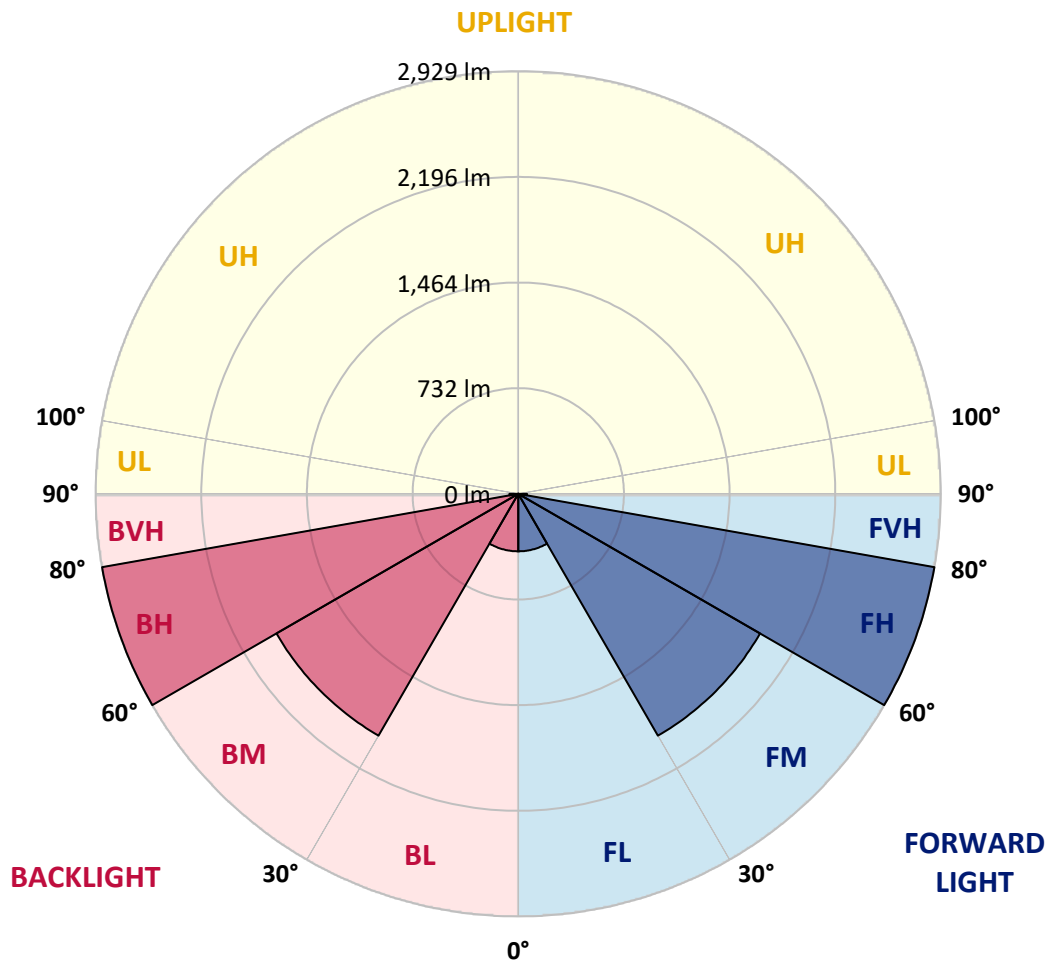
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	398.5	3.7			
FM (30°-60°)	1935.1	18.2			
FH (60°-80°)	2928.6	27.5			G2/5000
FVH (80°-90°)	60.8	0.6			G1/100
BL (0°-30°)	398.5	3.7	B1/500		
BM (30°-60°)	1935.1	18.2	B2/2500		
BH (60°-80°)	2928.6	27.5	B4/5000		G2/5000
BVH (80°-90°)	60.8	0.6			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G2

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	971.1	971.1	971.1	971.1	971.1	971.1	971.1	971.1	971.1	971.1
2.5°	965.0	967.8	966.7	964.5	964.5	962.8	964.5	965.6	967.3	968.4
5°	952.3	954.5	954.0	952.3	952.9	951.2	952.3	954.0	955.1	955.6
7.5°	941.2	943.5	942.4	939.6	939.6	937.9	938.5	940.1	941.8	942.4
10°	938.5	940.7	937.4	932.9	931.3	929.1	929.6	931.3	934.6	936.3
12.5°	939.6	941.2	937.9	931.3	929.6	927.4	927.4	929.1	933.5	935.7
15°	942.9	944.6	939.6	932.4	930.7	929.1	928.5	930.7	935.7	939.6
17.5°	949.0	950.7	942.9	932.9	930.7	931.3	930.7	932.4	940.1	947.3
20°	954.5	955.6	945.1	932.9	930.7	931.3	930.7	934.1	944.0	954.0
22.5°	956.2	957.3	947.3	936.8	935.2	935.7	935.2	938.5	947.9	957.8
25°	956.7	958.4	950.7	942.4	945.1	946.2	945.1	945.7	952.9	961.7
27.5°	965.0	967.3	960.1	952.9	954.5	954.0	955.6	957.3	962.8	971.7
30°	982.2	983.9	977.8	970.6	969.5	965.6	970.6	976.1	982.2	989.9
32.5°	1010.4	1013.7	1006.0	998.2	993.3	991.1	994.9	1004.3	1012.6	1020.9
35°	1057.5	1059.7	1052.5	1038.1	1029.2	1029.2	1032.6	1044.7	1058.0	1068.5
37.5°	1123.9	1126.6	1113.9	1096.7	1083.5	1083.5	1087.9	1100.6	1120.5	1135.5
40°	1204.6	1208.5	1192.5	1174.8	1162.0	1159.8	1165.4	1179.7	1198.6	1217.4
42.5°	1302.0	1306.5	1285.4	1269.9	1260.0	1260.0	1262.7	1276.0	1293.2	1316.4
45°	1426.5	1434.3	1405.5	1390.0	1380.6	1382.8	1384.5	1396.1	1411.6	1438.2
47.5°	1574.8	1582.6	1552.1	1536.1	1534.4	1545.0	1538.3	1546.6	1554.9	1585.3
50°	1743.1	1756.3	1735.3	1734.2	1737.5	1756.9	1741.4	1745.8	1736.4	1755.8
52.5°	1948.9	1968.3	1964.4	1971.0	2008.1	2047.9	2012.5	1997.0	1961.6	1967.7
55°	2198.5	2227.8	2233.3	2273.2	2357.3	2438.6	2363.4	2300.8	2225.6	2211.7
57.5°	2482.3	2505.6	2532.1	2613.5	2770.6	2915.0	2770.6	2632.3	2513.9	2485.6
60°	2787.8	2816.6	2842.0	2962.1	3195.6	3398.7	3191.2	2971.5	2814.9	2776.7
62.5°	3115.9	3153.0	3170.7	3304.1	3576.3	3818.7	3580.2	3314.0	3140.3	3099.3
65°	3430.8	3461.2	3481.1	3623.3	3883.4	4126.3	3901.1	3638.8	3460.1	3406.4
67.5°	3577.4	3594.0	3642.7	3803.7	4078.2	4355.4	4124.7	3820.9	3621.1	3527.1
70°	3362.7	3329.0	3446.3	3704.1	4101.4	4496.0	4154.6	3696.4	3451.8	3299.1
72.5°	2598.5	2540.4	2744.1	3185.1	3835.8	4406.3	3862.4	3210.0	2870.8	2560.9
75°	1413.8	1348.0	1629.1	2186.8	3058.9	3819.2	3129.2	2249.4	1813.9	1403.3
77.5°	399.0	374.1	600.9	1058.0	1839.9	2681.5	1910.7	1081.2	712.7	422.8
80°	122.3	118.4	160.5	318.7	781.3	1284.3	750.9	322.6	204.2	128.9
82.5°	72.5	66.4	79.7	116.2	199.2	403.4	193.7	121.2	97.4	65.3
85°	41.5	38.7	47.0	56.4	67.0	85.8	55.9	57.5	52.0	34.9
87.5°	17.2	15.5	18.3	17.7	15.5	19.9	14.9	17.7	21.0	13.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
971.1
967.8
955.6
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1129.9
1211.3
1314.8
1437.1
1576.5
1744.2
1947.2
2190.2
2465.7
2743.5
3066.1
3379.9
3528.2
3335.6
2637.8
1494.6
469.8
136.1
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36.5
12.7
0.0

OF REPORT)