

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: P846051

Luminaire Tested: **GLAN-SB1C-730-U-5WQ**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P846051
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-SB1C-730-U-5WQ
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 3000K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7320 lumens
Efficiency: N/A
Efficacy: 134.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

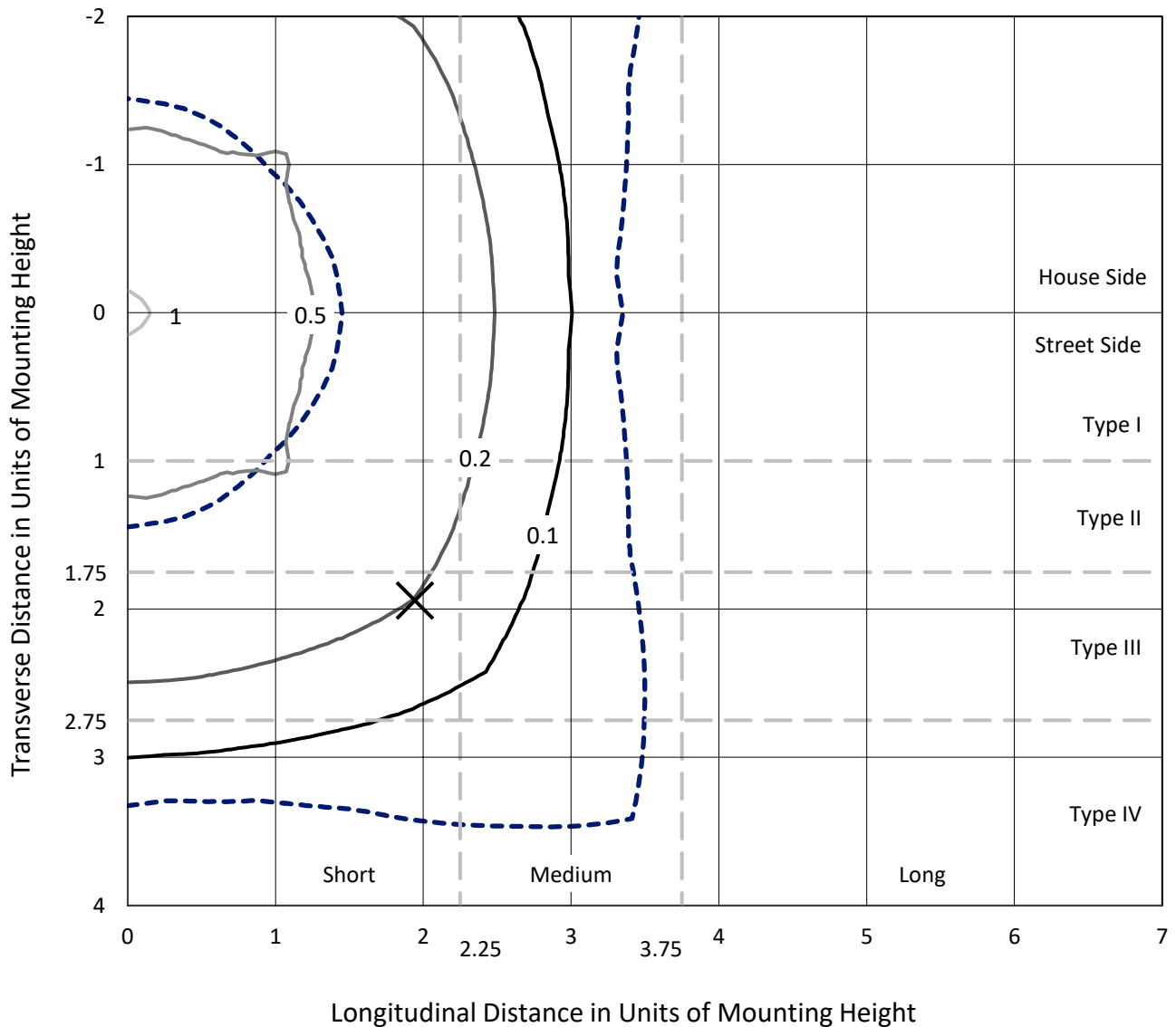
Input Watts (W): 54.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

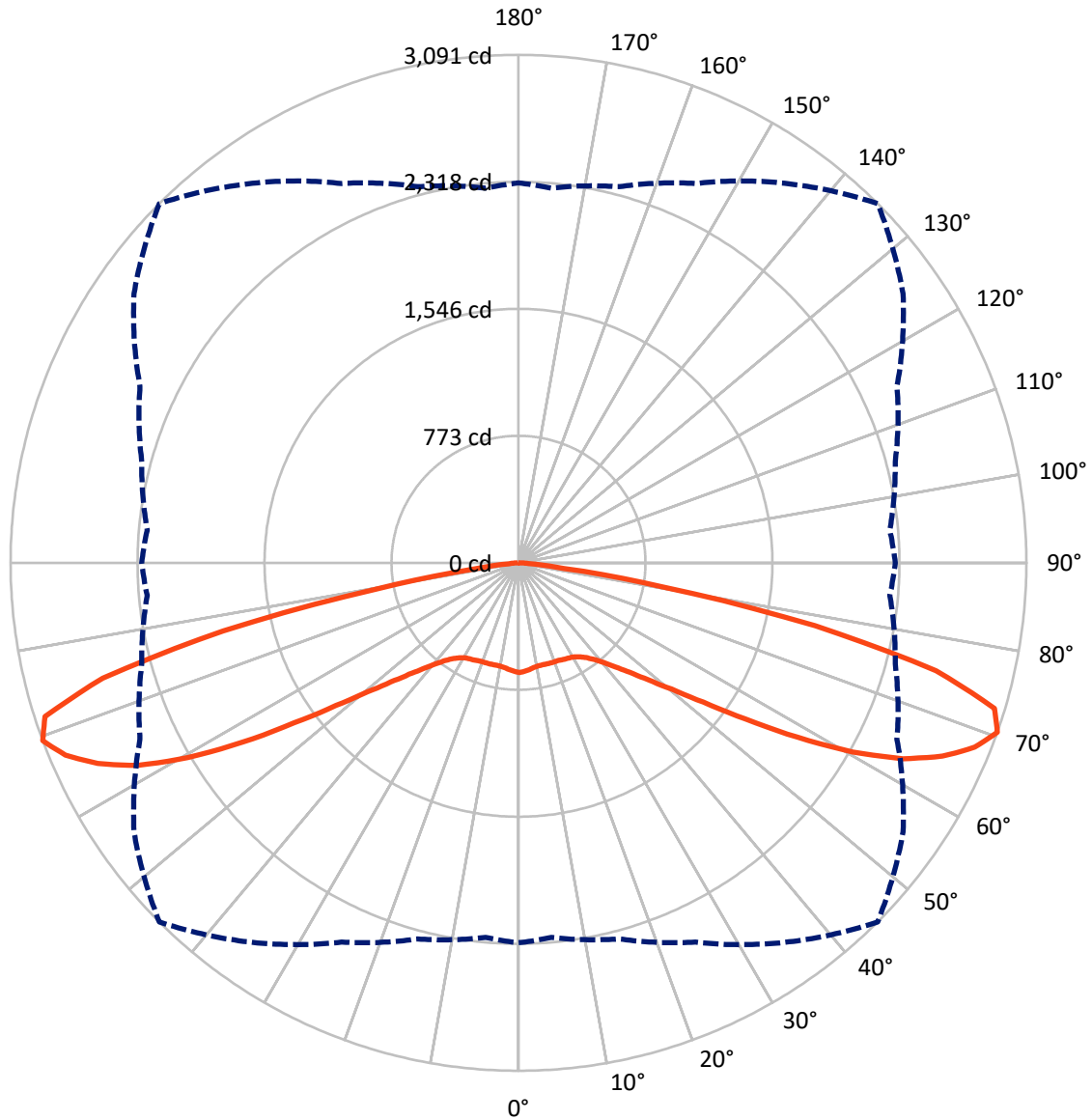
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.1 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	3660.0	0.0	3660.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3660.0	0.0	3660.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	7320.0	0.0	7320.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.1	0.8
10°-20°	182.4	2.5
20°-30°	303.5	4.1
30°-40°	459.0	6.3
40°-50°	762.8	10.4
50°-60°	1439.3	19.7
60°-70°	2430.3	33.2
70°-80°	1597.0	21.8
80°-90°	83.7	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°	7320.0	100.0
0°-180°	7320.0	100.0

Coefficient of Utilization



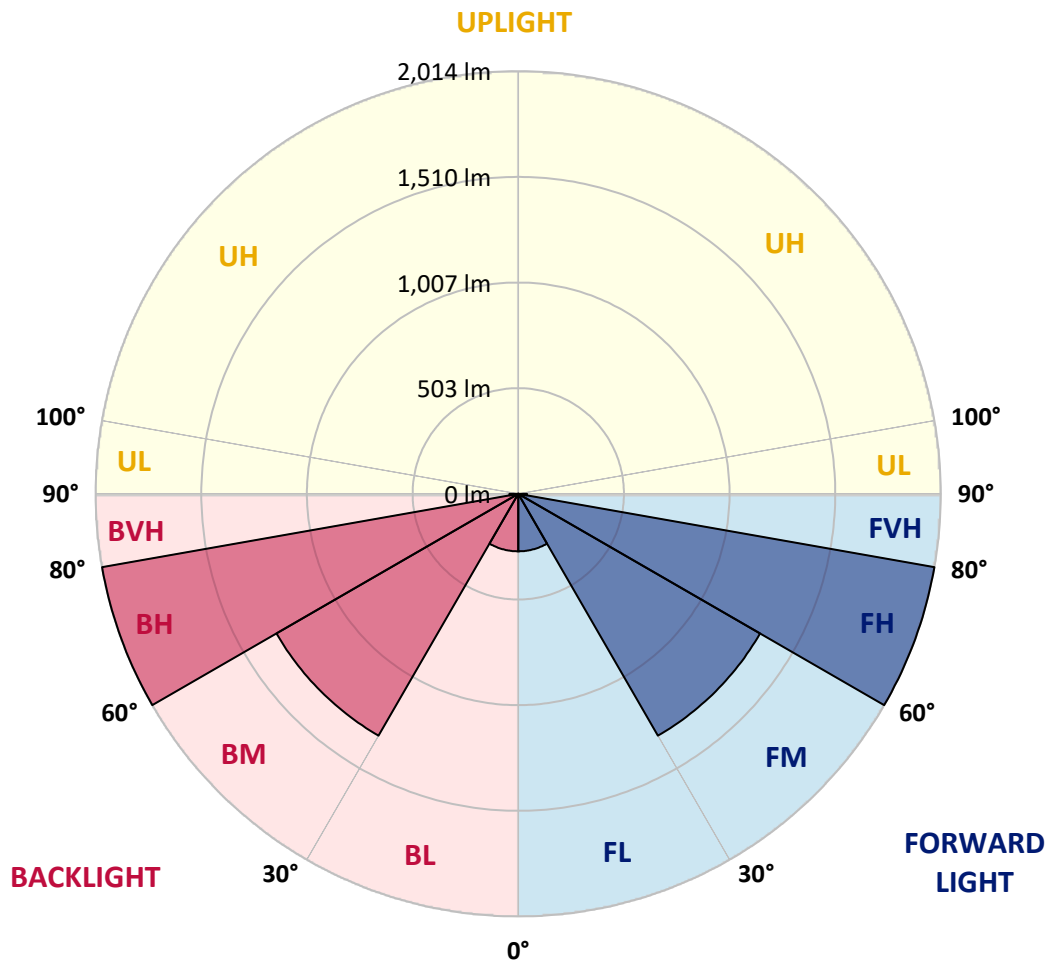
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	274.0	3.7			
FM (30°-60°)	1330.5	18.2			
FH (60°-80°)	2013.6	27.5			G2/5000
FVH (80°-90°)	41.8	0.6			G1/100
BL (0°-30°)	274.0	3.7	B1/500		
BM (30°-60°)	1330.5	18.2	B2/2500		
BH (60°-80°)	2013.6	27.5	B3/2500		G2/5000
BVH (80°-90°)	41.8	0.6			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	667.7	667.7	667.7	667.7	667.7	667.7	667.7	667.7	667.7	667.7
2.5°	663.5	665.4	664.7	663.2	663.2	662.0	663.2	663.9	665.1	665.8
5°	654.8	656.3	655.9	654.8	655.2	654.0	654.8	655.9	656.7	657.1
7.5°	647.2	648.7	647.9	646.0	646.0	644.9	645.3	646.4	647.6	647.9
10°	645.3	646.8	644.5	641.5	640.3	638.8	639.2	640.3	642.6	643.8
12.5°	646.0	647.2	644.9	640.3	639.2	637.7	637.7	638.8	641.9	643.4
15°	648.3	649.5	646.0	641.1	640.0	638.8	638.4	640.0	643.4	646.0
17.5°	652.5	653.7	648.3	641.5	640.0	640.3	640.0	641.1	646.4	651.4
20°	656.3	657.1	649.8	641.5	640.0	640.3	640.0	642.2	649.1	655.9
22.5°	657.5	658.2	651.4	644.1	643.0	643.4	643.0	645.3	651.8	658.6
25°	657.8	659.0	653.7	647.9	649.8	650.6	649.8	650.2	655.2	661.3
27.5°	663.5	665.1	660.1	655.2	656.3	655.9	657.1	658.2	662.0	668.1
30°	675.3	676.5	672.3	667.4	666.6	663.9	667.4	671.2	675.3	680.7
32.5°	694.7	697.0	691.7	686.4	683.0	681.4	684.1	690.6	696.3	702.0
35°	727.1	728.6	723.7	713.8	707.7	707.7	710.0	718.3	727.5	734.7
37.5°	772.7	774.6	765.9	754.1	745.0	745.0	748.0	756.8	770.5	780.7
40°	828.3	831.0	819.9	807.7	799.0	797.5	801.3	811.2	824.1	837.0
42.5°	895.3	898.3	883.8	873.2	866.3	866.3	868.2	877.4	889.2	905.1
45°	980.9	986.2	966.4	955.7	949.3	950.8	951.9	959.9	970.6	988.9
47.5°	1082.8	1088.2	1067.2	1056.2	1055.1	1062.3	1057.7	1063.4	1069.1	1090.1
50°	1198.5	1207.6	1193.2	1192.4	1194.7	1208.0	1197.4	1200.4	1193.9	1207.2
52.5°	1340.0	1353.3	1350.7	1355.2	1380.7	1408.1	1383.8	1373.1	1348.8	1353.0
55°	1511.6	1531.8	1535.6	1563.0	1620.8	1676.7	1625.0	1582.0	1530.3	1520.8
57.5°	1706.8	1722.8	1741.0	1797.0	1905.0	2004.3	1905.0	1809.9	1728.5	1709.1
60°	1916.8	1936.6	1954.1	2036.7	2197.2	2336.9	2194.2	2043.1	1935.5	1909.2
62.5°	2142.4	2167.9	2180.1	2271.8	2459.0	2625.6	2461.7	2278.7	2159.2	2131.0
65°	2358.9	2379.9	2393.6	2491.3	2670.2	2837.2	2682.3	2502.0	2379.1	2342.2
67.5°	2459.8	2471.2	2504.7	2615.4	2804.1	2994.7	2836.1	2627.2	2489.8	2425.1
70°	2312.1	2288.9	2369.6	2546.9	2820.1	3091.3	2856.6	2541.6	2373.4	2268.4
72.5°	1786.7	1746.8	1886.8	2190.0	2637.4	3029.7	2655.7	2207.1	1973.9	1760.8
75°	972.1	926.8	1120.1	1503.6	2103.3	2626.0	2151.6	1546.6	1247.2	964.9
77.5°	274.3	257.2	413.2	727.5	1265.1	1843.8	1313.8	743.4	490.1	290.7
80°	84.1	81.4	110.3	219.2	537.2	883.1	516.3	221.8	140.4	88.7
82.5°	49.8	45.7	54.8	79.9	137.0	277.4	133.2	83.3	67.0	44.9
85°	28.5	26.6	32.3	38.8	46.0	59.0	38.4	39.6	35.8	24.0
87.5°	11.8	10.7	12.6	12.2	10.7	13.7	10.3	12.2	14.5	9.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
667.7
665.4
657.1
647.9
643.8
643.8
646.4
651.4
656.3
658.6
660.9
666.6
679.5
699.7
732.0
776.9
832.9
904.0
988.1
1084.0
1199.3
1338.9
1505.9
1695.4
1886.4
2108.2
2323.9
2425.9
2293.5
1813.7
1027.7
323.0
93.6
48.7
25.1
8.8
0.0

OF REPORT)