

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: P846201

Luminaire Tested: **GLAN-SB1D-722-U-5WQ**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P846201
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-SB1D-722-U-5WQ
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 2200K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8052 lumens
Efficiency: N/A
Efficacy: 101.2 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

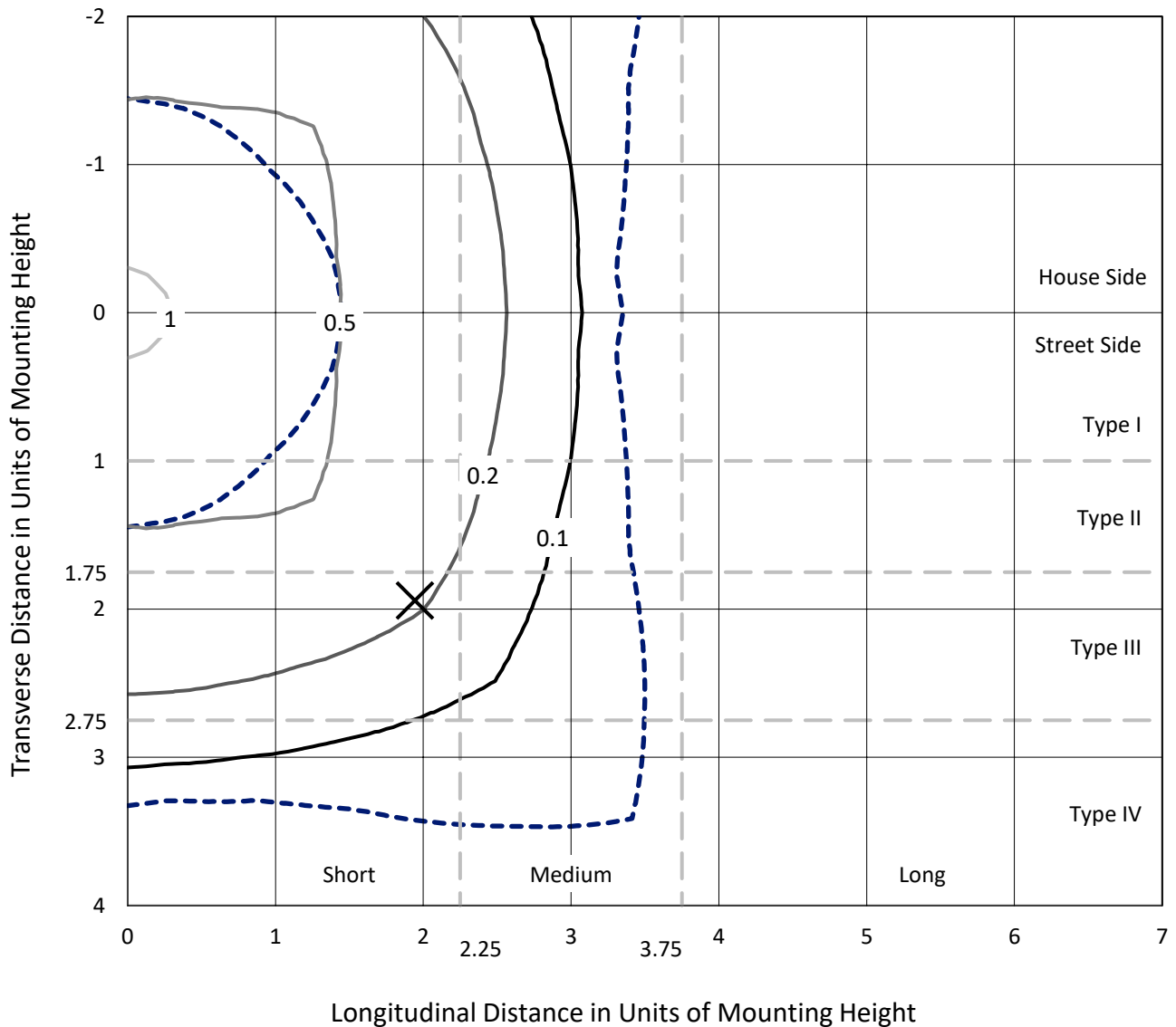
Input Watts (W): 79.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

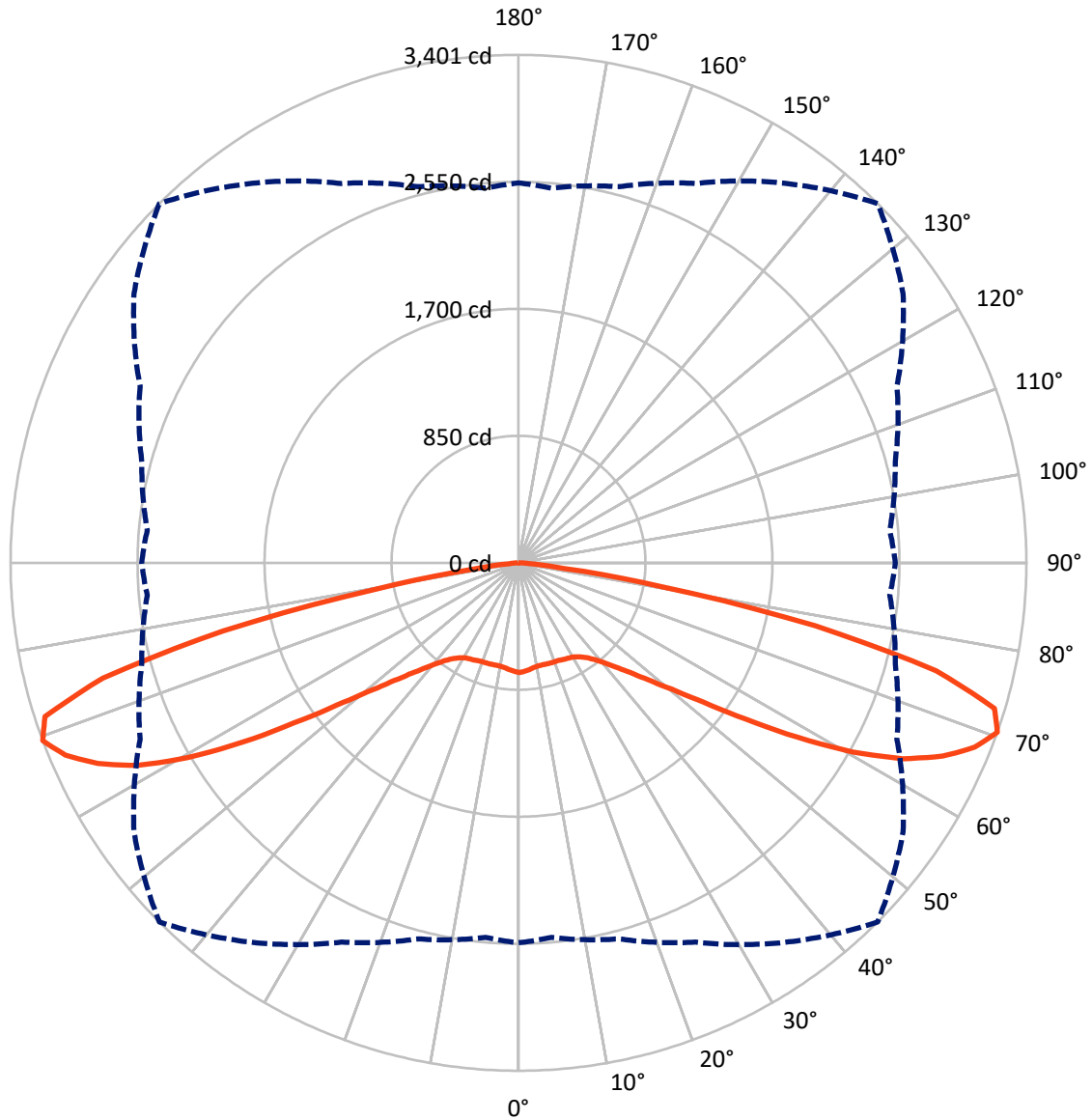
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.2 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	4026.0	0.0	4026.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4026.0	0.0	4026.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	8052.0	0.0	8052.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.3	0.8
10°-20°	200.6	2.5
20°-30°	333.9	4.1
30°-40°	504.9	6.3
40°-50°	839.0	10.4
50°-60°	1583.2	19.7
60°-70°	2673.3	33.2
70°-80°	1756.7	21.8
80°-90°	92.0	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°	8052.0	100.0
0°-180°	8052.0	100.0

Coefficient of Utilization



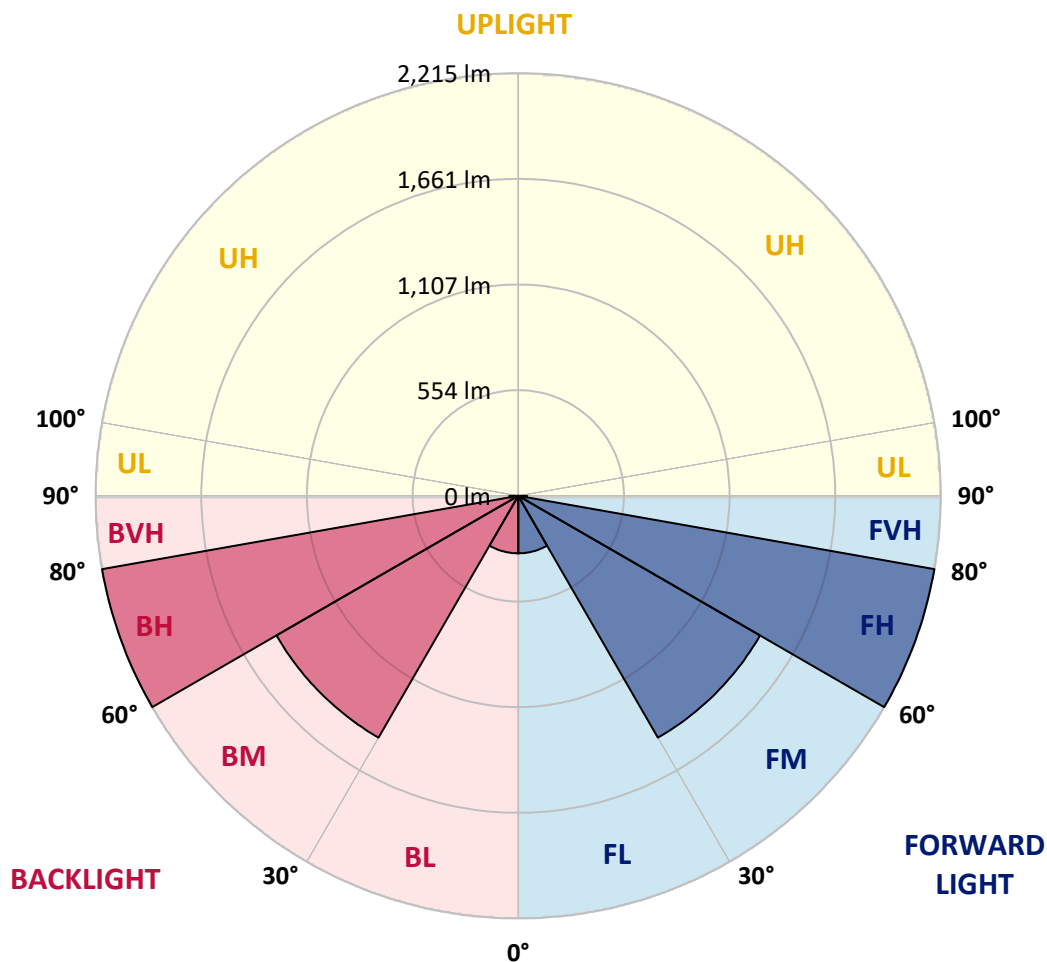
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	301.4	3.7			
FM (30°-60°)	1463.6	18.2			
FH (60°-80°)	2215.0	27.5			G2/5000
FVH (80°-90°)	46.0	0.6			G1/100
BL (0°-30°)	301.4	3.7	B1/500		
BM (30°-60°)	1463.6	18.2	B2/2500		
BH (60°-80°)	2215.0	27.5	B3/2500		G2/5000
BVH (80°-90°)	46.0	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°	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5
2.5°	729.9	732.0	731.2	729.5	729.5	728.2	729.5	730.3	731.6	732.4
5°	720.3	721.9	721.5	720.3	720.7	719.4	720.3	721.5	722.4	722.8
7.5°	711.9	713.6	712.7	710.6	710.6	709.4	709.8	711.1	712.3	712.7
10°	709.8	711.5	709.0	705.6	704.4	702.7	703.1	704.4	706.9	708.1
12.5°	710.6	711.9	709.4	704.4	703.1	701.4	701.4	702.7	706.0	707.7
15°	713.2	714.4	710.6	705.2	704.0	702.7	702.3	704.0	707.7	710.6
17.5°	717.8	719.0	713.2	705.6	704.0	704.4	704.0	705.2	711.1	716.5
20°	721.9	722.8	714.8	705.6	704.0	704.4	704.0	706.5	714.0	721.5
22.5°	723.2	724.0	716.5	708.6	707.3	707.7	707.3	709.8	716.9	724.5
25°	723.6	724.9	719.0	712.7	714.8	715.7	714.8	715.3	720.7	727.4
27.5°	729.9	731.6	726.1	720.7	721.9	721.5	722.8	724.0	728.2	734.9
30°	742.9	744.1	739.5	734.1	733.2	730.3	734.1	738.3	742.9	748.7
32.5°	764.2	766.7	760.9	755.0	751.2	749.6	752.5	759.6	765.9	772.2
35°	799.8	801.5	796.0	785.1	778.4	778.4	781.0	790.2	800.2	808.2
37.5°	850.0	852.1	842.5	829.5	819.5	819.5	822.8	832.4	847.5	858.8
40°	911.1	914.1	901.9	888.5	878.9	877.2	881.4	892.3	906.5	920.7
42.5°	984.8	988.1	972.2	960.5	953.0	953.0	955.1	965.1	978.1	995.7
45°	1078.9	1084.8	1063.0	1051.3	1044.2	1045.9	1047.1	1055.9	1067.6	1087.7
47.5°	1191.1	1197.0	1174.0	1161.8	1160.6	1168.5	1163.5	1169.8	1176.0	1199.1
50°	1318.3	1328.4	1312.5	1311.6	1314.2	1328.8	1317.1	1320.4	1313.3	1328.0
52.5°	1474.0	1488.7	1485.7	1490.8	1518.8	1548.9	1522.2	1510.4	1483.7	1488.3
55°	1662.8	1685.0	1689.2	1719.3	1782.9	1844.4	1787.5	1740.2	1683.3	1672.8
57.5°	1877.5	1895.1	1915.2	1976.7	2095.5	2204.8	2095.5	1990.9	1901.3	1880.0
60°	2108.5	2130.3	2149.5	2240.3	2417.0	2570.6	2413.6	2247.5	2129.0	2100.1
62.5°	2356.7	2384.7	2398.1	2499.0	2704.9	2888.2	2707.8	2506.5	2375.1	2344.1
65°	2594.8	2617.8	2632.9	2740.5	2937.2	3120.9	2950.6	2752.2	2617.0	2576.4
67.5°	2705.7	2718.3	2755.1	2876.9	3084.5	3294.2	3119.7	2889.9	2738.8	2667.7
70°	2543.4	2517.8	2606.5	2801.6	3102.1	3400.5	3142.3	2795.7	2610.7	2495.2
72.5°	1965.4	1921.4	2075.4	2409.0	2901.2	3332.7	2921.3	2427.8	2171.3	1936.9
75°	1069.3	1019.5	1232.1	1654.0	2313.6	2888.6	2366.7	1701.3	1371.9	1061.4
77.5°	301.8	282.9	454.5	800.2	1391.6	2028.2	1445.2	817.8	539.1	319.8
80°	92.5	89.6	121.4	241.1	591.0	971.4	567.9	244.0	154.4	97.5
82.5°	54.8	50.2	60.3	87.9	150.7	305.1	146.5	91.7	73.7	49.4
85°	31.4	29.3	35.6	42.7	50.6	64.9	42.3	43.5	39.3	26.4
87.5°	13.0	11.7	13.8	13.4	11.7	15.1	11.3	13.4	15.9	10.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
734.5
732.0
722.8
712.7
708.1
708.1
711.1
716.5
721.9
724.5
727.0
733.2
747.5
769.7
805.2
854.6
916.1
994.4
1086.9
1192.4
1319.2
1472.8
1656.5
1864.9
2075.0
2319.0
2556.3
2668.5
2522.8
1995.1
1130.4
355.3
103.0
53.6
27.6
9.6
0.0

OF REPORT)