

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: P846324

Luminaire Tested: **GLAN-SB1D-927-U-T1**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P846324
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-SB1D-927-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 90 CRI, 2700K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6485 lumens
Efficiency: N/A
Efficacy: 81.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type I - Short
BUG Rating: B3 - U0 - G3

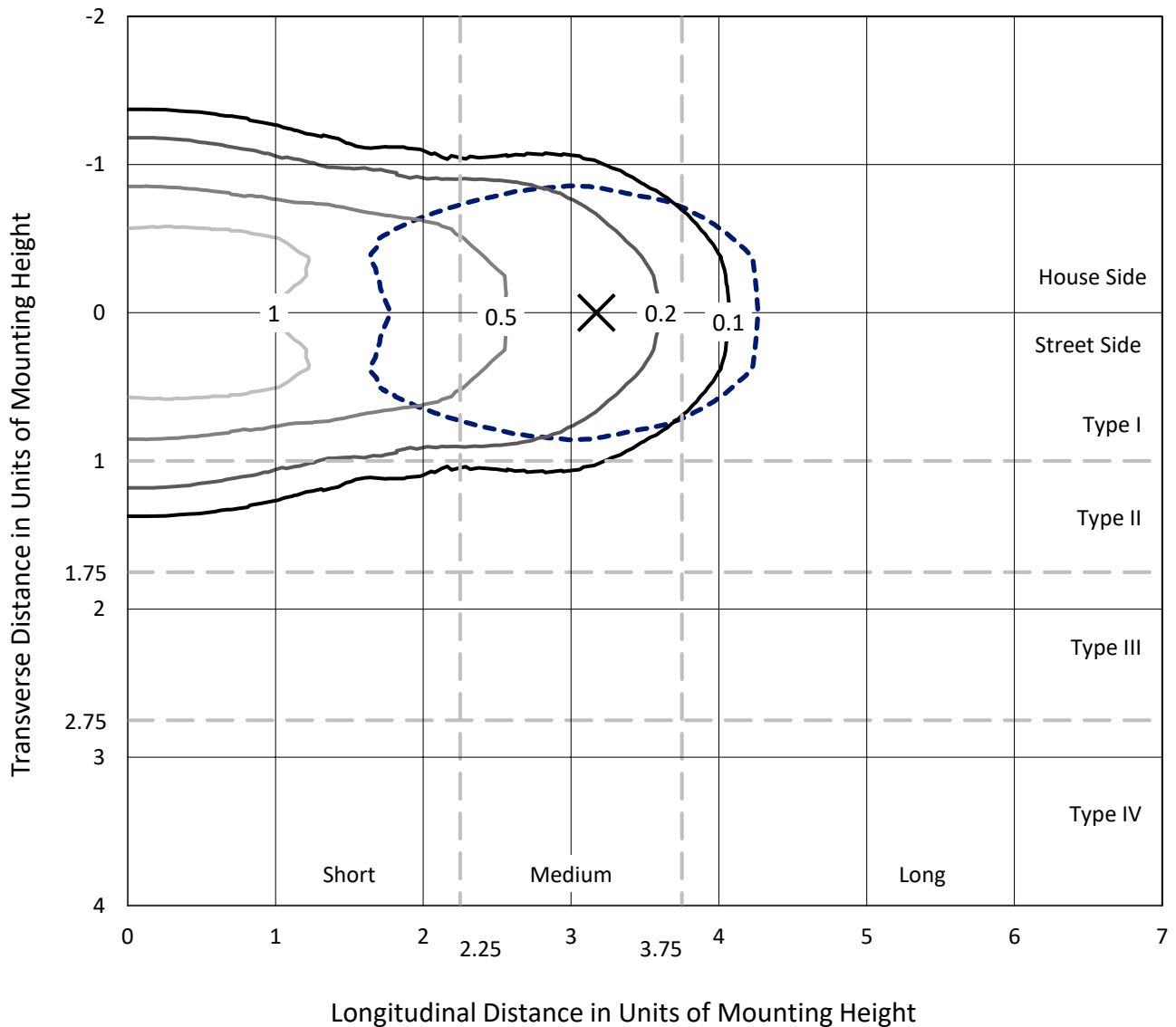
Input Watts (W): 79.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

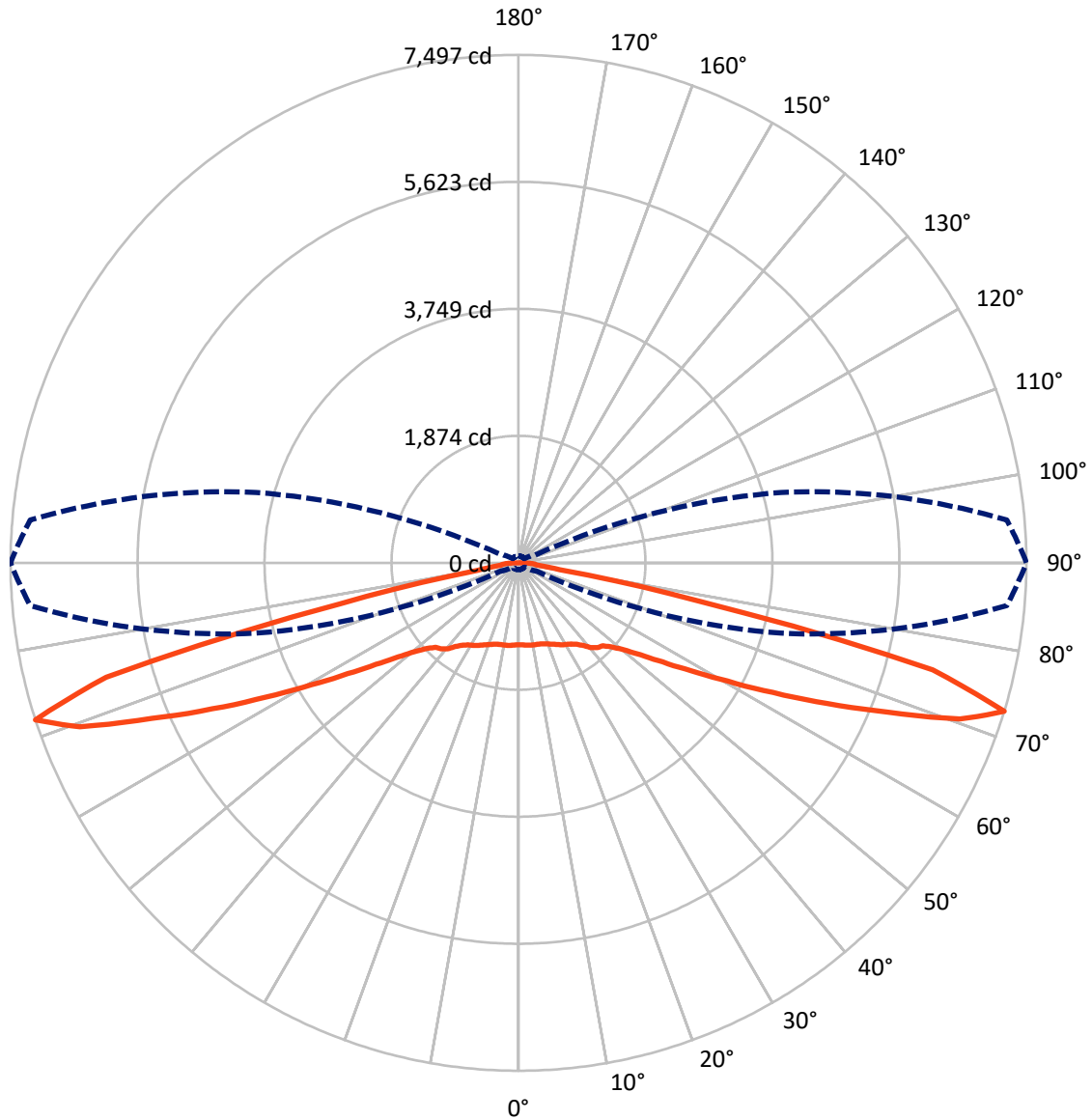
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.9 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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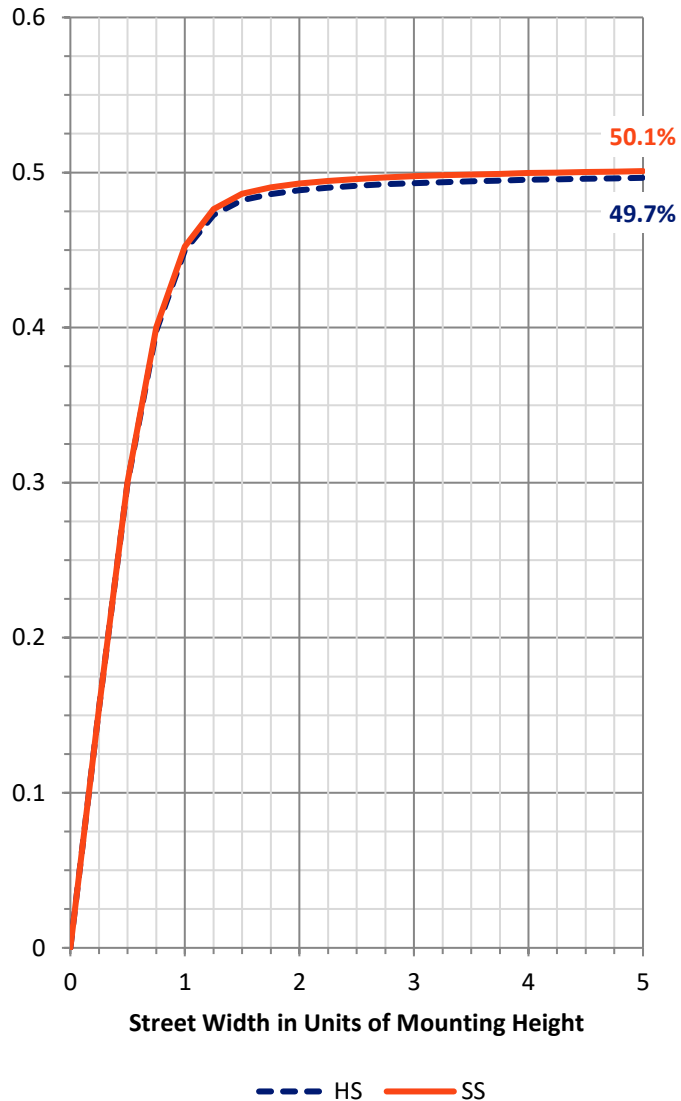
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3242.5	0.0	3242.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3242.5	0.0	3242.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	6485.0	0.0	6485.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	117.5	1.8
10°-20°	359.3	5.5
20°-30°	599.0	9.2
30°-40°	823.9	12.7
40°-50°	1006.2	15.5
50°-60°	1163.7	17.9
60°-70°	1387.6	21.4
70°-80°	968.4	14.9
80°-90°	59.5	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°	6485.0	100.0
0°-180°	6485.0	100.0

Coefficient of Utilization



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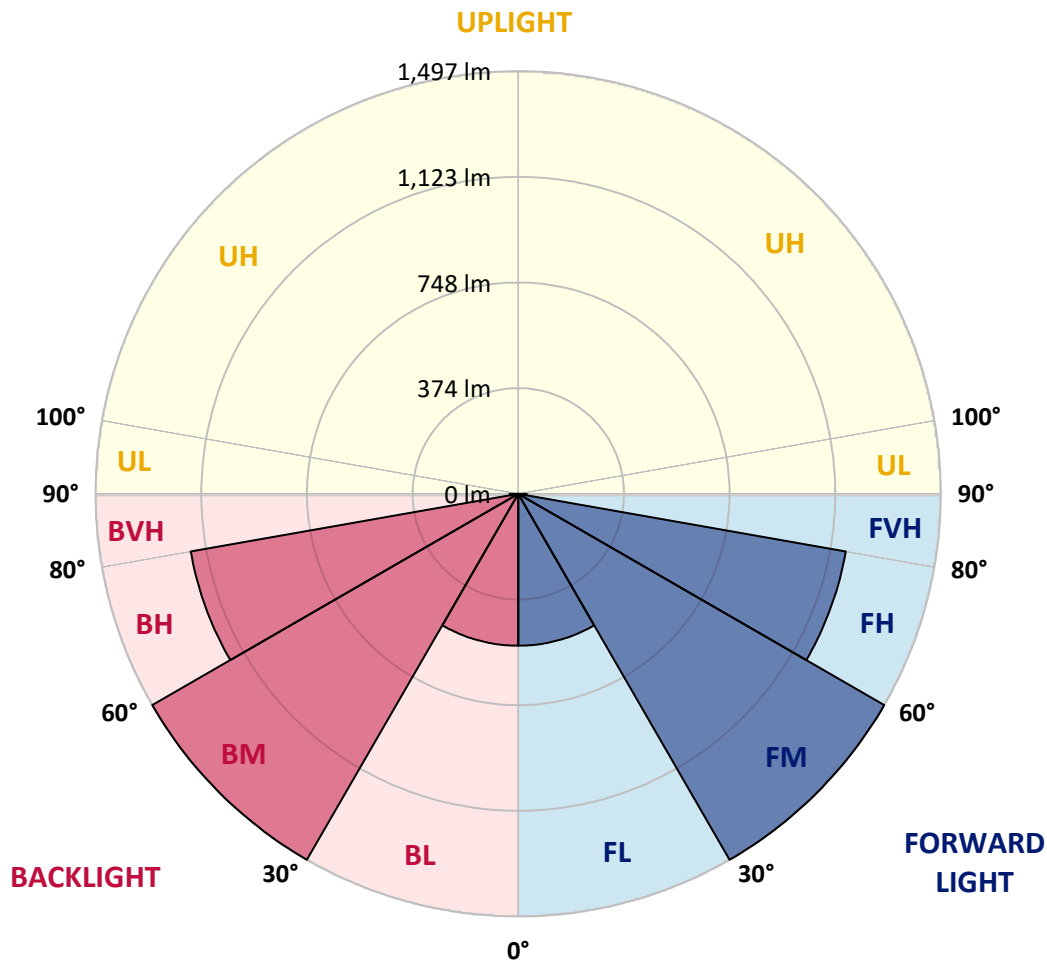
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	537.9	8.3			
FM (30°-60°)	1496.9	23.1			
FH (60°-80°)	1178.0	18.2			G1/1800
FVH (80°-90°)	29.7	0.5			G1/100
BL (0°-30°)	537.9	8.3	B2/1000		
BM (30°-60°)	1496.9	23.1	B2/2500		
BH (60°-80°)	1178.0	18.2	B3/2500		G3/2500
BVH (80°-90°)	29.7	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°	1211.8	1211.8	1211.8	1211.8	1211.8	1211.8	1211.8	1211.8	1211.8	1211.8
2.5°	1212.8	1214.2	1214.2	1213.2	1215.6	1213.5	1213.5	1212.5	1213.5	1212.5
5°	1219.0	1220.8	1221.4	1221.1	1224.2	1222.5	1222.5	1221.1	1221.4	1220.4
7.5°	1230.7	1233.2	1234.5	1236.3	1240.7	1238.7	1237.3	1233.2	1231.4	1228.7
10°	1234.5	1237.3	1241.8	1250.7	1261.1	1261.4	1257.3	1246.9	1239.0	1232.8
12.5°	1222.8	1226.6	1235.9	1254.2	1277.3	1286.6	1280.0	1262.8	1247.3	1236.3
15°	1208.0	1212.1	1226.3	1253.8	1288.0	1309.7	1309.0	1286.2	1261.4	1244.2
17.5°	1184.9	1189.0	1209.4	1248.0	1296.2	1332.1	1341.7	1318.3	1283.5	1260.4
20°	1143.2	1147.0	1175.3	1229.4	1299.0	1355.9	1381.0	1360.3	1316.9	1285.5
22.5°	1089.1	1095.0	1128.0	1197.3	1292.4	1380.7	1425.8	1411.7	1355.9	1312.4
25°	1031.2	1037.4	1076.0	1158.0	1275.6	1398.6	1478.9	1469.9	1400.0	1345.9
27.5°	981.2	987.8	1029.8	1119.1	1249.4	1405.5	1531.3	1535.8	1453.4	1382.7
30°	941.9	948.1	992.9	1087.7	1215.6	1398.6	1577.1	1608.1	1507.8	1414.8
32.5°	898.8	906.8	954.0	1049.5	1175.6	1382.0	1617.1	1686.4	1570.9	1449.3
35°	844.4	851.6	901.3	997.1	1123.2	1355.5	1650.5	1773.2	1661.2	1501.6
37.5°	778.2	785.1	834.4	931.6	1071.2	1318.3	1676.0	1871.1	1768.7	1577.1
40°	711.7	718.3	764.4	858.5	1008.8	1270.7	1685.0	1966.9	1892.1	1680.9
42.5°	650.7	656.6	699.0	786.5	938.8	1210.1	1673.3	2050.3	2002.8	1753.2
45°	594.5	599.7	637.3	718.9	866.1	1136.3	1638.1	2139.9	2134.4	1804.9
47.5°	530.4	535.6	574.5	653.5	793.4	1049.8	1578.5	2228.2	2317.4	1922.1
50°	452.2	456.7	496.6	578.0	717.9	957.8	1495.8	2297.4	2548.3	2099.6
52.5°	359.5	364.3	403.2	484.6	628.3	858.9	1386.9	2342.6	2815.1	2358.8
55°	267.4	270.9	304.7	377.7	517.3	746.2	1250.4	2355.3	3117.7	2713.1
57.5°	194.0	196.1	217.8	272.3	392.2	605.2	1084.6	2322.3	3477.9	3167.3
60°	157.2	157.8	164.4	188.5	272.6	446.0	884.4	2208.5	3868.7	3752.9
62.5°	142.7	142.7	144.4	151.0	184.4	294.3	642.1	1972.8	4287.8	4492.9
65°	132.7	132.7	133.4	136.5	145.4	187.5	405.3	1588.8	4641.1	5359.7
67.5°	123.7	124.1	123.7	124.8	129.9	138.5	235.1	1097.4	4831.3	6257.8
70°	114.4	115.1	113.4	113.4	117.5	117.9	147.2	601.8	4673.5	7010.5
72.5°	103.4	104.4	101.7	101.0	104.1	102.7	110.6	288.8	4012.4	7235.2
75°	93.7	95.1	88.9	87.2	87.2	86.2	90.0	148.2	2604.2	5902.1
77.5°	85.1	87.9	77.9	72.4	71.0	67.9	73.4	90.6	1139.1	2771.0
80°	70.3	74.1	64.1	57.6	55.1	51.7	57.9	63.4	338.8	643.5
82.5°	52.4	54.1	45.5	41.0	38.9	36.5	43.4	44.1	110.3	227.8
85°	33.4	34.1	27.9	24.1	23.1	22.1	27.6	24.1	42.0	167.5
87.5°	11.7	13.4	10.7	9.7	10.3	8.6	12.8	7.2	11.7	118.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

1211.8
1212.5
1220.4
1228.7
1231.8
1234.5
1241.4
1256.6
1279.7
1304.5
1334.8
1371.0
1397.9
1427.9
1477.9
1545.4
1647.1
1709.8
1746.3
1854.6
2014.8
2254.4
2582.5
3002.9
3545.8
4215.4
5008.8
5879.0
6910.9
7497.2
6313.0
2713.4
616.2
257.5
243.3
146.5
0.0

OF REPORT)