

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: P942743

Luminaire Tested: **GLAN-SB6D-927-U-T1**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P942743
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB6D-927-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 90 CRI, 2700K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 37158 lumens
Efficiency: N/A
Efficacy: 84.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B5 - U0 - G5

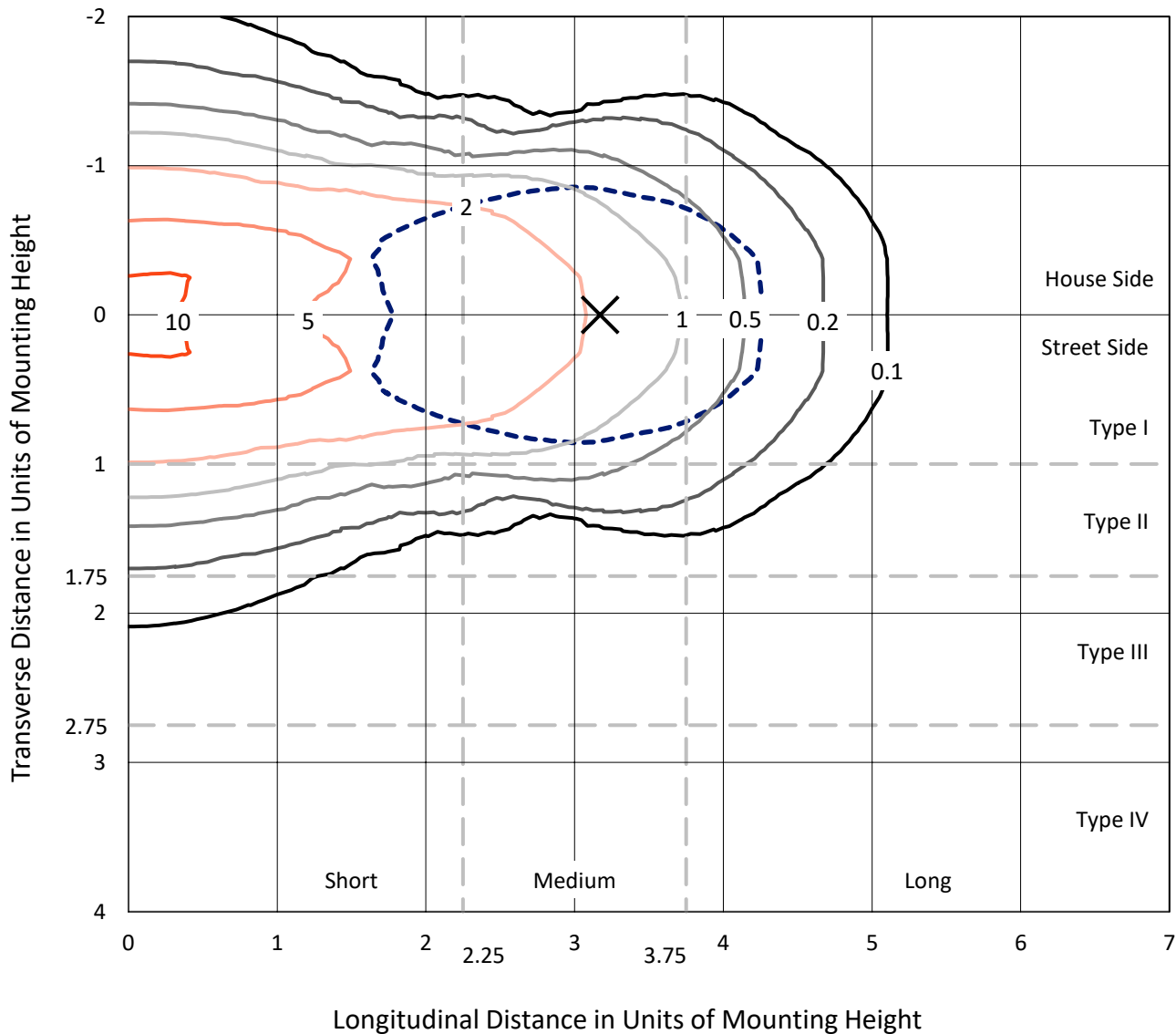
Input Watts (W): 440.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

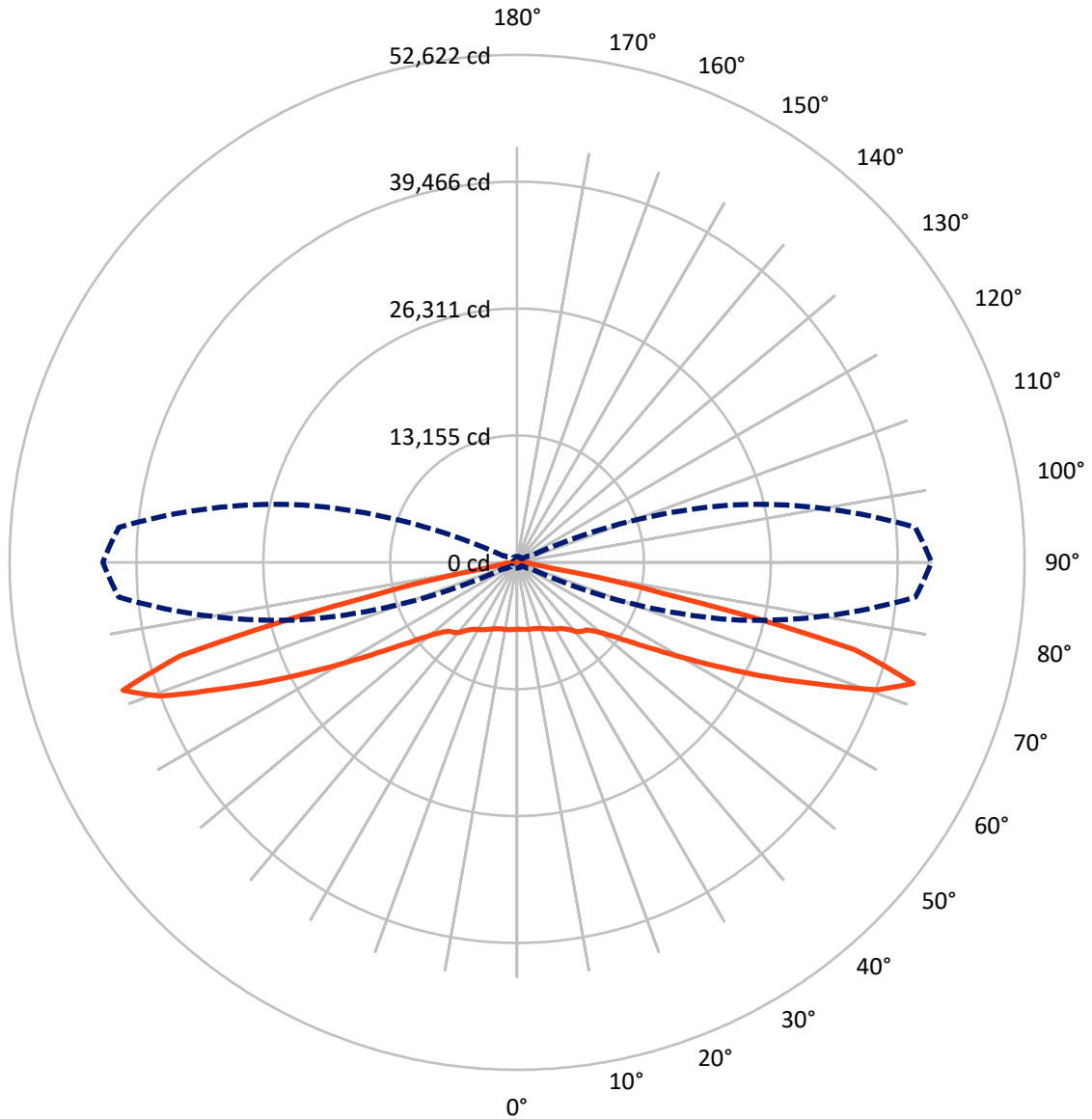
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.1 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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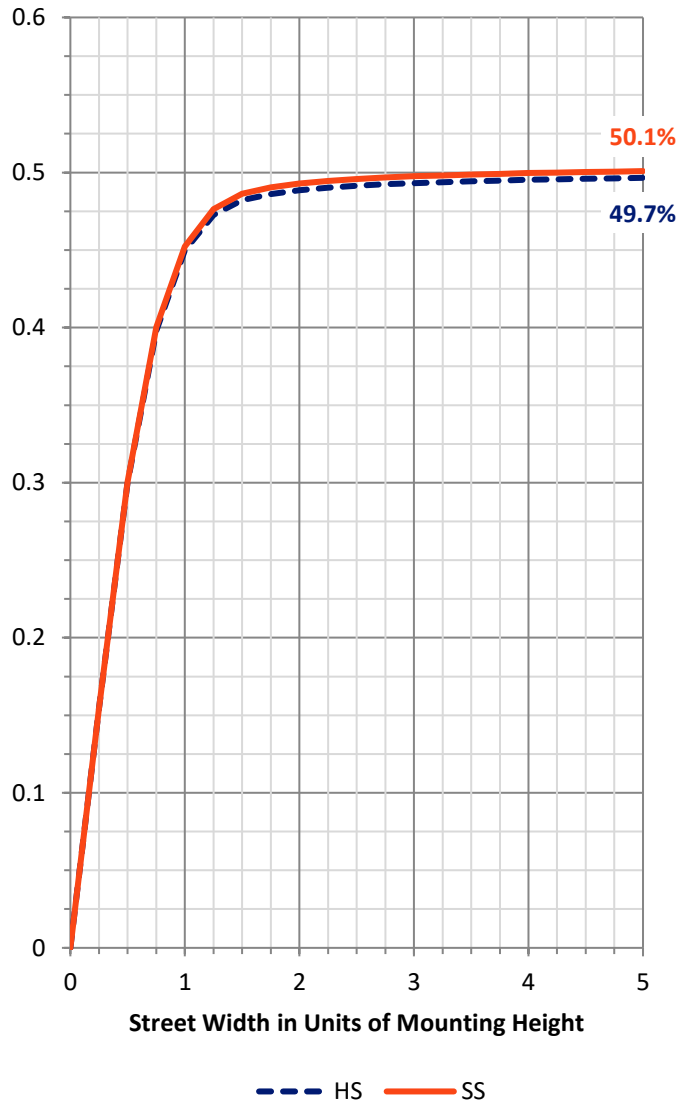
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	18579.0	0.0	18579.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	18579.0	0.0	18579.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	37158.0	0.0	37158.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	673.2	1.8
10°-20°	2058.5	5.5
20°-30°	3432.4	9.2
30°-40°	4720.6	12.7
40°-50°	5765.1	15.5
50°-60°	6668.0	17.9
60°-70°	7950.5	21.4
70°-80°	5548.9	14.9
80°-90°	340.8	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°	37158.0	100.0
0°-180°	37158.0	100.0

Coefficient of Utilization

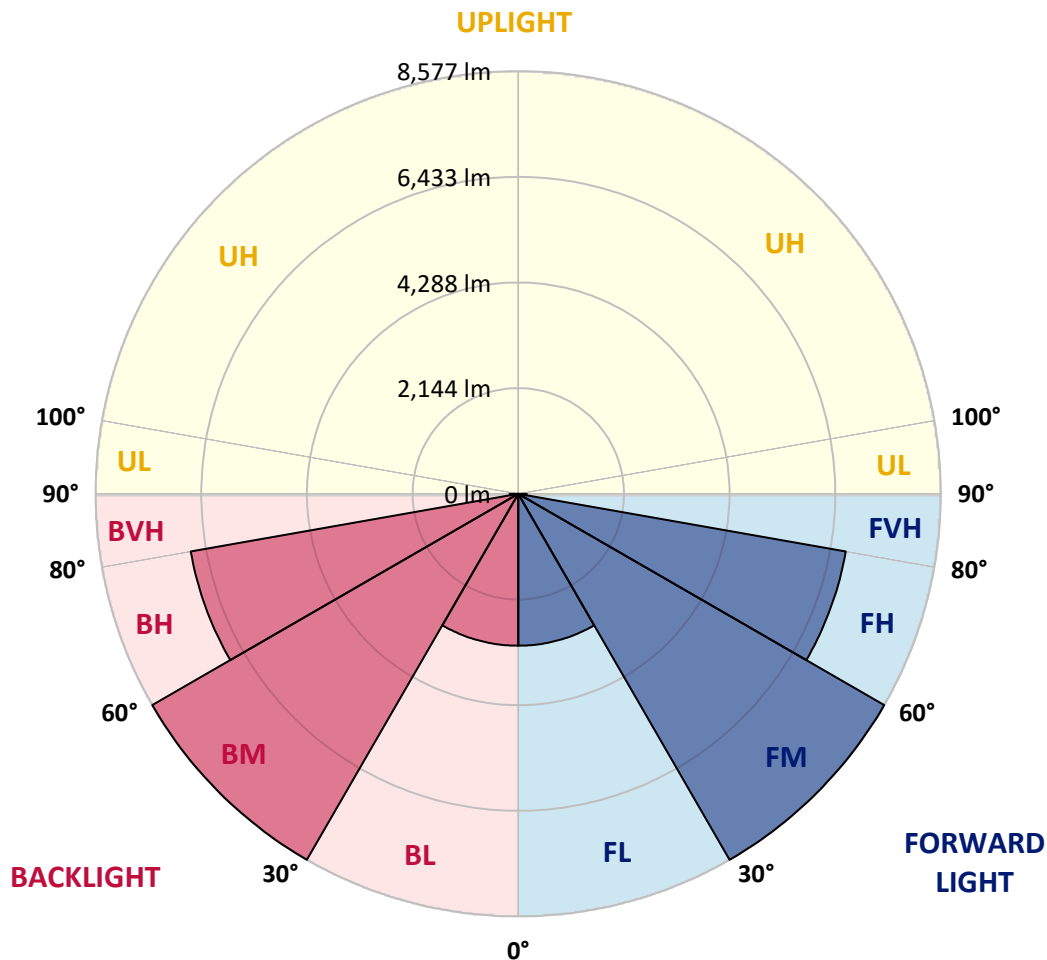


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3082.1	8.3			
FM (30°-60°)	8576.8	23.1			
FH (60°-80°)	6749.7	18.2			G3/7500
FVH (80°-90°)	170.4	0.5			G2/225
BL (0°-30°)	3082.1	8.3	B4/5000		
BM (30°-60°)	8576.8	23.1	B5		
BH (60°-80°)	6749.7	18.2	B5		G5
BVH (80°-90°)	170.4	0.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G5
 Type I Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6943.4	6943.4	6943.4	6943.4	6943.4	6943.4	6943.4	6943.4	6943.4	6943.4
2.5°	6949.3	6957.2	6957.2	6951.3	6965.1	6953.2	6953.2	6947.3	6953.2	6947.3
5°	6984.8	6994.7	6998.7	6996.7	7014.5	7004.6	7004.6	6996.7	6998.7	6992.7
7.5°	7052.0	7065.8	7073.7	7083.6	7109.2	7097.4	7089.5	7065.8	7055.9	7040.1
10°	7073.7	7089.5	7115.2	7166.5	7225.8	7227.7	7204.0	7144.8	7099.4	7063.8
12.5°	7006.6	7028.3	7081.6	7186.3	7318.6	7371.9	7334.4	7235.6	7146.8	7083.6
15°	6921.6	6945.3	7026.3	7184.3	7379.8	7504.2	7500.3	7369.9	7227.7	7129.0
17.5°	6789.3	6813.0	6929.5	7150.7	7427.2	7632.6	7687.9	7553.6	7354.1	7221.8
20°	6550.4	6572.1	6734.0	7044.1	7443.0	7768.8	7913.0	7794.5	7545.7	7366.0
22.5°	6240.3	6273.9	6463.5	6860.4	7405.5	7911.0	8169.7	8088.7	7768.8	7520.0
25°	5908.6	5944.1	6165.3	6635.3	7308.7	8013.7	8473.8	8422.5	8021.6	7711.6
27.5°	5622.2	5659.8	5900.7	6412.1	7158.6	8053.2	8774.0	8799.7	8327.7	7922.9
30°	5397.1	5432.6	5689.4	6232.4	6965.1	8013.7	9036.6	9214.4	8639.7	8106.5
32.5°	5150.3	5195.7	5466.2	6013.2	6736.0	7918.9	9265.7	9662.7	9001.1	8304.0
35°	4838.2	4879.7	5164.1	5713.1	6435.8	7766.9	9457.3	10160.3	9518.5	8604.2
37.5°	4459.1	4498.6	4781.0	5337.9	6137.6	7553.6	9603.4	10721.1	10134.6	9036.6
40°	4077.9	4115.5	4380.1	4919.2	5780.2	7281.1	9654.8	11270.1	10841.6	9631.1
42.5°	3728.4	3762.0	4004.9	4506.5	5379.3	6933.5	9587.6	11748.0	11475.5	10045.8
45°	3406.5	3436.1	3651.4	4119.4	4962.6	6510.9	9386.2	12261.5	12229.9	10342.0
47.5°	3039.2	3068.8	3292.0	3744.2	4546.0	6015.2	9044.5	12767.0	13278.5	11013.4
50°	2590.9	2616.6	2845.7	3311.7	4113.5	5487.9	8570.6	13164.0	14601.6	12030.4
52.5°	2059.7	2087.4	2310.5	2776.6	3600.0	4921.2	7946.6	13422.7	16130.1	13515.5
55°	1532.4	1552.2	1745.7	2164.4	2964.2	4275.4	7164.5	13495.7	17864.0	15545.6
57.5°	1111.8	1123.7	1248.1	1560.1	2247.3	3467.7	6214.7	13306.1	19927.6	18148.3
60°	900.5	904.5	942.0	1080.2	1562.1	2555.4	5067.3	12654.5	22167.0	21503.5
62.5°	817.6	817.6	827.4	865.0	1056.5	1686.5	3679.0	11303.7	24568.4	25743.4
65°	760.3	760.3	764.2	782.0	833.4	1074.3	2322.4	9103.8	26592.5	30710.0
67.5°	708.9	710.9	708.9	714.9	744.5	793.9	1346.8	6287.7	27682.6	35856.3
70°	655.6	659.6	649.7	649.7	673.4	675.4	843.2	3448.0	26778.2	40169.2
72.5°	592.4	598.4	582.6	578.6	596.4	588.5	633.9	1654.9	22990.5	41456.8
75°	537.1	545.0	509.5	499.6	499.6	493.7	515.4	849.2	14921.5	33818.3
77.5°	487.8	503.6	446.3	414.7	406.8	389.0	420.6	519.4	6526.7	15877.3
80°	402.9	424.6	367.3	329.8	316.0	296.2	331.8	363.4	1941.2	3686.9
82.5°	300.2	310.0	260.7	235.0	223.2	209.3	248.8	252.8	631.9	1305.3
85°	191.6	195.5	160.0	138.2	132.3	126.4	158.0	138.2	240.9	959.7
87.5°	67.1	77.0	61.2	55.3	59.2	49.4	73.1	41.5	67.1	677.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

6943.4
6947.3
6992.7
7040.1
7057.9
7073.7
7113.2
7200.1
7332.4
7474.6
7648.4
7855.7
8009.8
8181.6
8467.9
8855.0
9437.5
9796.9
10006.3
10626.3
11544.6
12917.1
14797.1
17206.4
20316.6
24153.7
28699.6
33686.0
39598.5
42957.6
36172.2
15547.5
3530.9
1475.2
1394.2
839.3
0.0

OF REPORT)