

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: P944473

Luminaire Tested: **GLAN-SB9B-940-U-T1**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P944473
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-SB9B-940-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(9) 90 CRI, 4000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 36768 lumens
Efficiency: N/A
Efficacy: 111.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type I - Short
BUG Rating: B5 - U0 - G5

Input Watts (W): 329.5
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

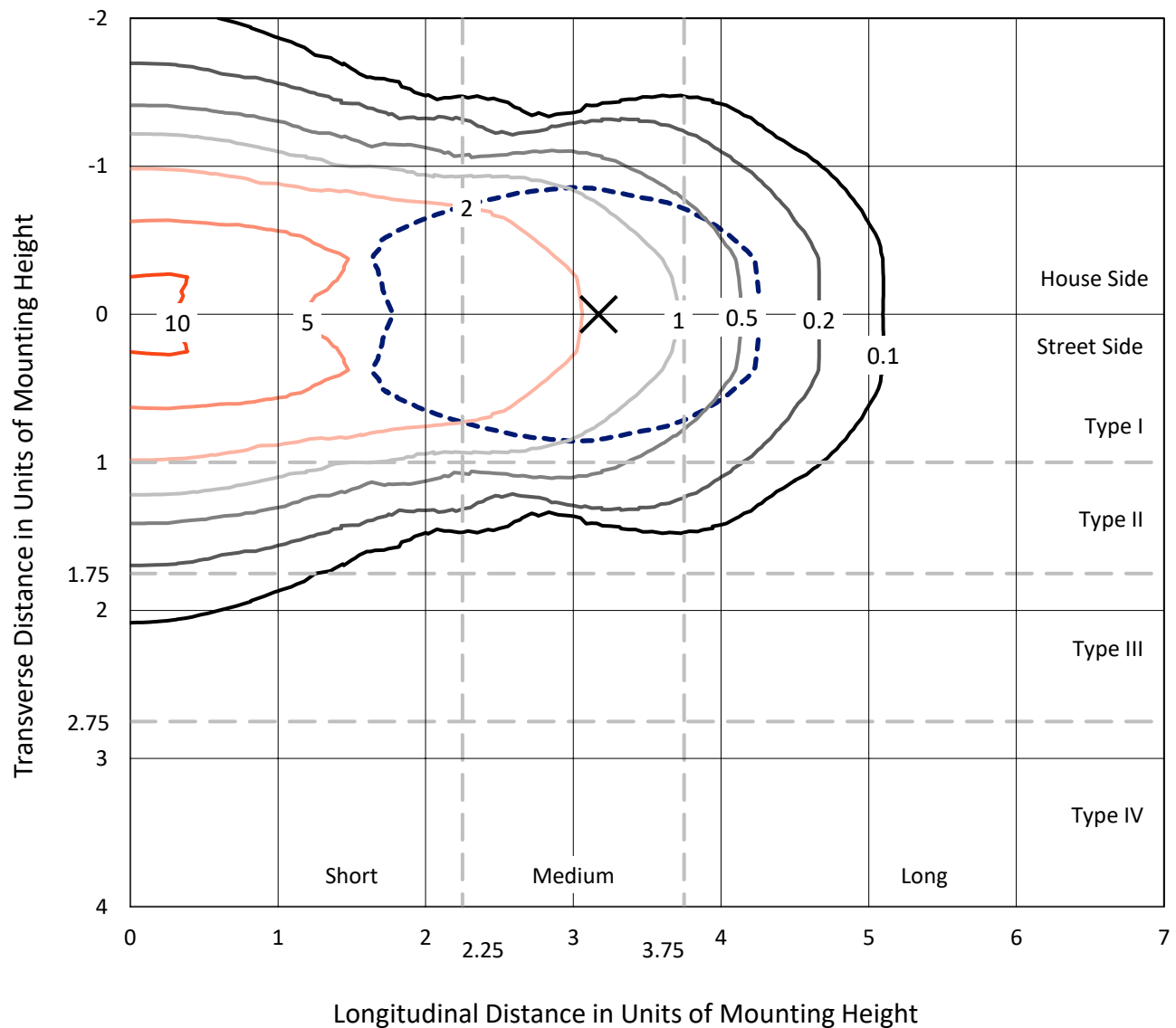


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

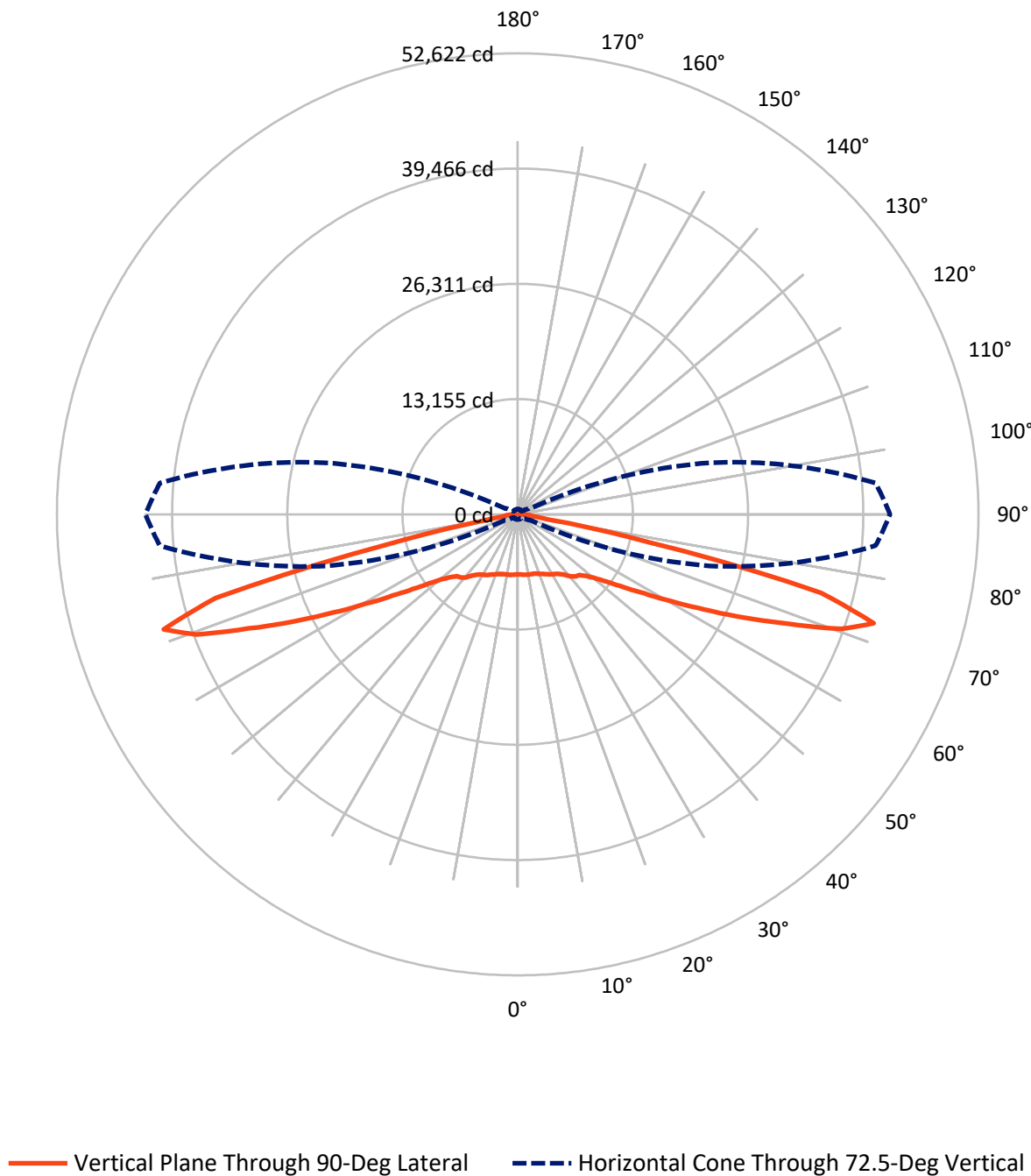


Based on 25 foot mounting height. Maximum calculated value = 11 fc
Type I - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	18384.0	0.0	18384.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	18384.0	0.0	18384.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	36768.0	0.0	36768.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	666.2	1.8
10°-20°	2036.9	5.5
20°-30°	3396.4	9.2
30°-40°	4671.0	12.7
40°-50°	5704.6	15.5
50°-60°	6598.0	17.9
60°-70°	7867.0	21.4
70°-80°	5490.7	14.9
80°-90°	337.2	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°	36768.0	100.0
0°-180°	36768.0	100.0

Coefficient of Utilization



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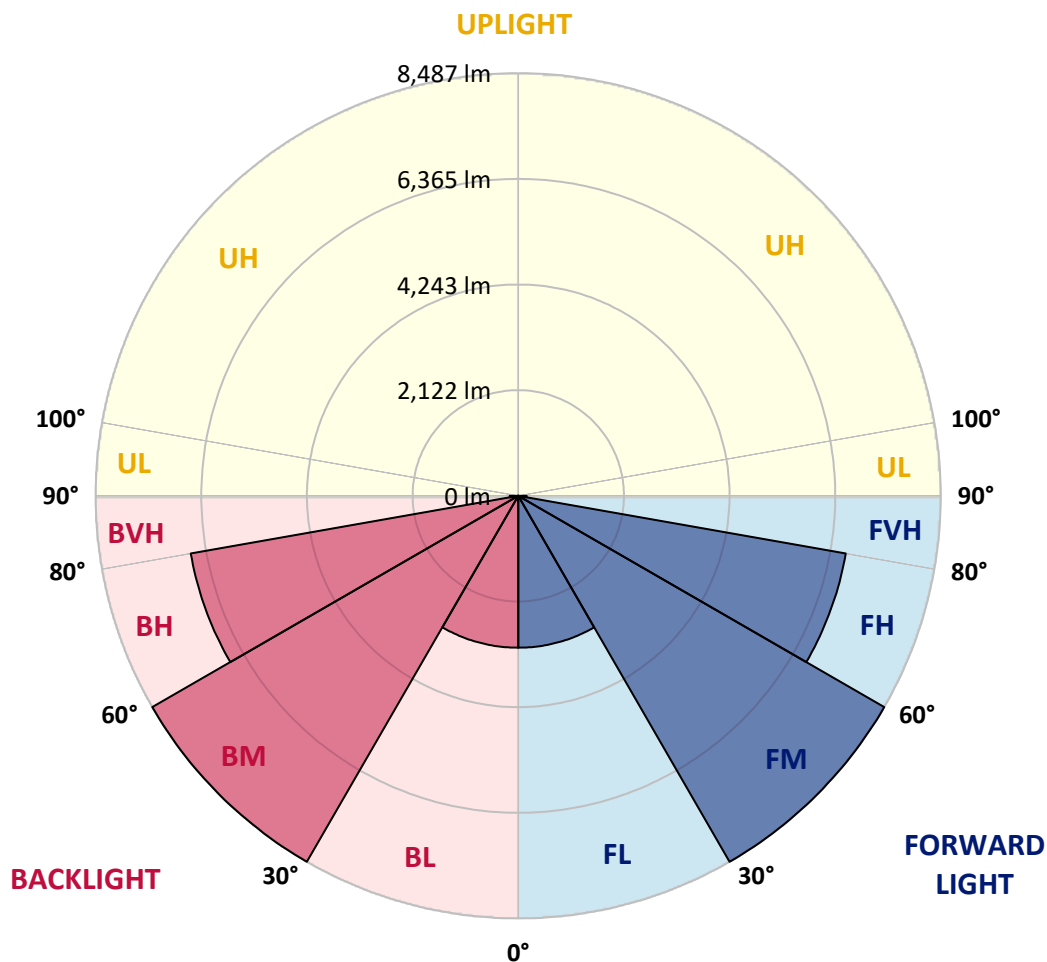
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3049.7	8.3			
FM	(30°-60°)	8486.8	23.1			
FH	(60°-80°)	6678.8	18.2			G3/7500
FVH	(80°-90°)	168.6	0.5			G2/225
BL	(0°-30°)	3049.7	8.3	B4/5000		
BM	(30°-60°)	8486.8	23.1	B4/8500		
BH	(60°-80°)	6678.8	18.2	B5		G5
BVH	(80°-90°)	168.6	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°	6870.5	6870.5	6870.5	6870.5	6870.5	6870.5	6870.5	6870.5	6870.5	6870.5
2.5°	6876.4	6884.2	6884.2	6878.3	6892.0	6880.3	6880.3	6874.4	6880.3	6874.4
5°	6911.5	6921.3	6925.2	6923.2	6940.8	6931.1	6931.1	6923.2	6925.2	6919.3
7.5°	6978.0	6991.6	6999.5	7009.2	7034.6	7022.9	7015.1	6991.6	6981.9	6966.2
10°	6999.5	7015.1	7040.5	7091.3	7149.9	7151.9	7128.4	7069.8	7024.9	6989.7
12.5°	6933.0	6954.5	7007.3	7110.8	7241.8	7294.5	7257.4	7159.7	7071.8	7009.2
15°	6849.0	6872.4	6952.6	7108.9	7302.3	7425.4	7421.5	7292.6	7151.9	7054.2
17.5°	6718.1	6741.5	6856.8	7075.7	7349.2	7552.5	7607.2	7474.3	7276.9	7146.0
20°	6481.6	6503.1	6663.4	6970.1	7364.9	7687.3	7829.9	7712.7	7466.5	7288.7
22.5°	6174.8	6208.1	6395.7	6788.4	7327.7	7828.0	8084.0	8003.8	7687.3	7441.1
25°	5846.6	5881.7	6100.6	6565.7	7232.0	7929.6	8384.9	8334.1	7937.4	7630.6
27.5°	5563.2	5600.3	5838.7	6344.8	7083.5	7968.7	8681.9	8707.3	8240.3	7839.7
30°	5340.5	5375.6	5629.7	6167.0	6892.0	7929.6	8941.8	9117.7	8549.0	8021.4
32.5°	5096.2	5141.1	5408.8	5950.1	6665.3	7835.8	9168.5	9561.2	8906.6	8216.8
35°	4787.5	4828.5	5109.9	5653.1	6368.3	7685.3	9358.0	10053.7	9418.6	8513.9
37.5°	4412.3	4451.4	4730.8	5281.8	6073.2	7474.3	9502.6	10608.6	10028.3	8941.8
40°	4035.1	4072.3	4334.1	4867.6	5719.5	7204.6	9553.4	11151.8	10727.8	9530.0
42.5°	3689.3	3722.5	3962.8	4459.2	5322.9	6860.7	9487.0	11624.7	11355.1	9940.3
45°	3370.8	3400.1	3613.1	4076.2	4910.6	6442.5	9287.7	12132.8	12101.5	10233.4
47.5°	3007.3	3036.6	3257.4	3704.9	4498.3	5952.1	8949.6	12633.0	13139.1	10897.8
50°	2563.7	2589.1	2815.8	3277.0	4070.3	5430.3	8480.6	13025.8	14448.3	11904.2
52.5°	2038.1	2065.4	2286.3	2747.4	3562.3	4869.5	7863.2	13281.8	15960.8	13373.6
55°	1516.4	1535.9	1727.4	2141.7	2933.1	4230.5	7089.3	13354.1	17676.5	15382.4
57.5°	1100.1	1111.9	1235.0	1543.7	2223.7	3431.3	6149.4	13166.5	19718.5	17957.8
60°	891.1	895.0	932.1	1068.9	1545.7	2528.6	5014.1	12521.6	21934.4	21277.8
62.5°	809.0	809.0	818.8	855.9	1045.4	1668.8	3640.4	11185.1	24310.5	25473.2
65°	752.3	752.3	756.2	773.8	824.6	1063.0	2298.0	9008.2	26313.4	30387.6
67.5°	701.5	703.5	701.5	707.4	736.7	785.5	1332.7	6221.7	27392.1	35479.9
70°	648.7	652.7	642.9	642.9	666.3	668.3	834.4	3411.8	26497.1	39747.6
72.5°	586.2	592.1	576.4	572.5	590.1	582.3	627.3	1637.5	22749.2	41021.7
75°	531.5	539.3	504.1	494.4	494.4	488.5	510.0	840.2	14764.9	33463.3
77.5°	482.7	498.3	441.6	410.4	402.5	385.0	416.2	513.9	6458.2	15710.7
80°	398.6	420.1	363.5	326.3	312.7	293.1	328.3	359.5	1920.8	3648.2
82.5°	297.0	306.8	257.9	232.5	220.8	207.1	246.2	250.1	625.3	1291.6
85°	189.5	193.5	158.3	136.8	130.9	125.1	156.3	136.8	238.4	949.7
87.5°	66.4	76.2	60.6	54.7	58.6	48.9	72.3	41.0	66.4	670.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

6870.5
6874.4
6919.3
6966.2
6983.8
6999.5
7038.5
7124.5
7255.4
7396.1
7568.1
7773.3
7925.7
8095.7
8379.0
8762.0
9338.5
9694.1
9901.2
10514.8
11423.5
12781.5
14641.8
17025.8
20103.4
23900.2
28398.4
33332.4
39182.9
42506.8
35792.6
15384.3
3493.9
1459.7
1379.6
830.5
0.0

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