

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: P956788

Luminaire Tested: **GLAN-SB9B-830-U-SLL-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P956788
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB9B-830-U-SLL-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(9) 80 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 35173 lumens
Efficiency: N/A
Efficacy: 106.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - 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

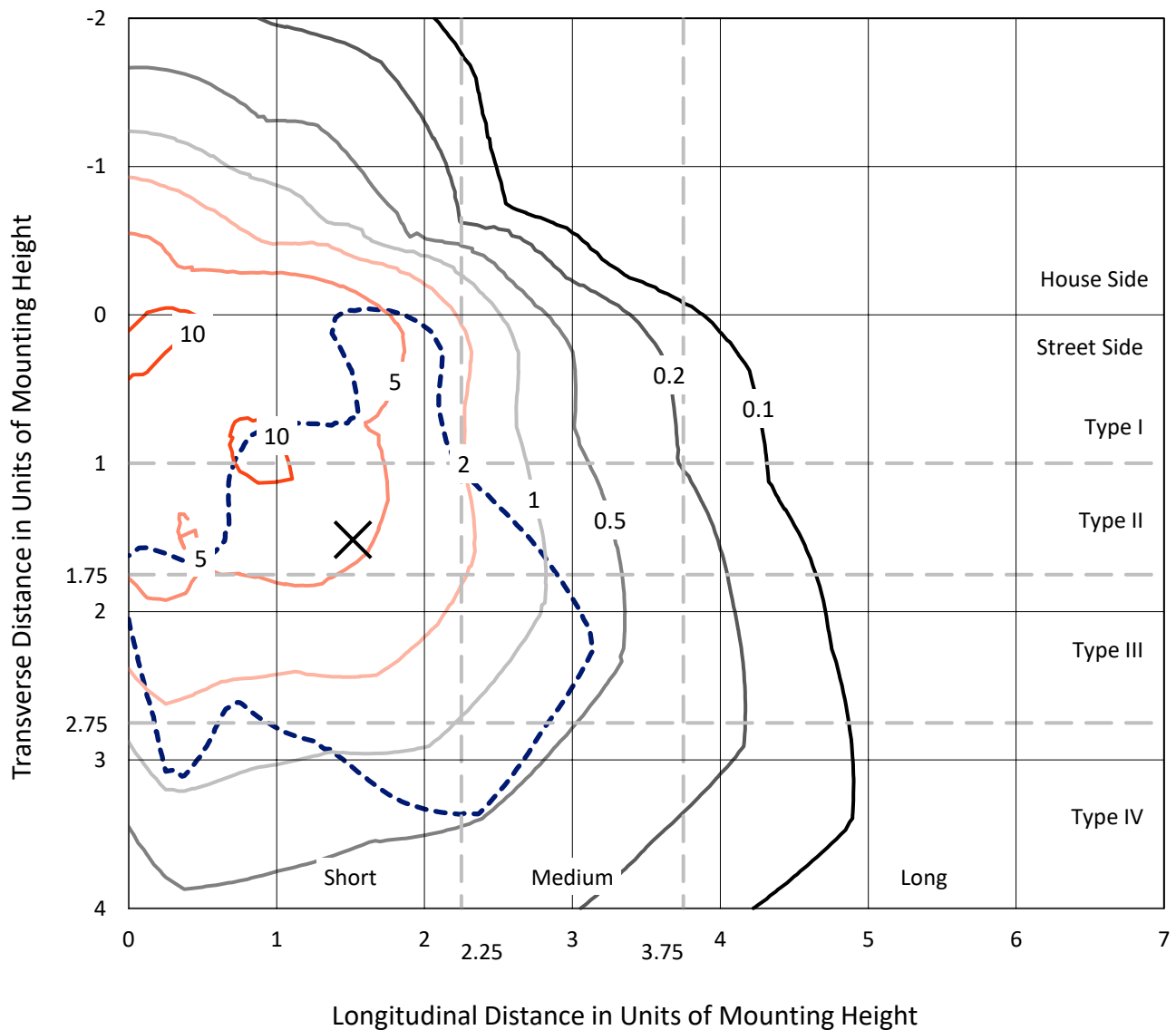


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

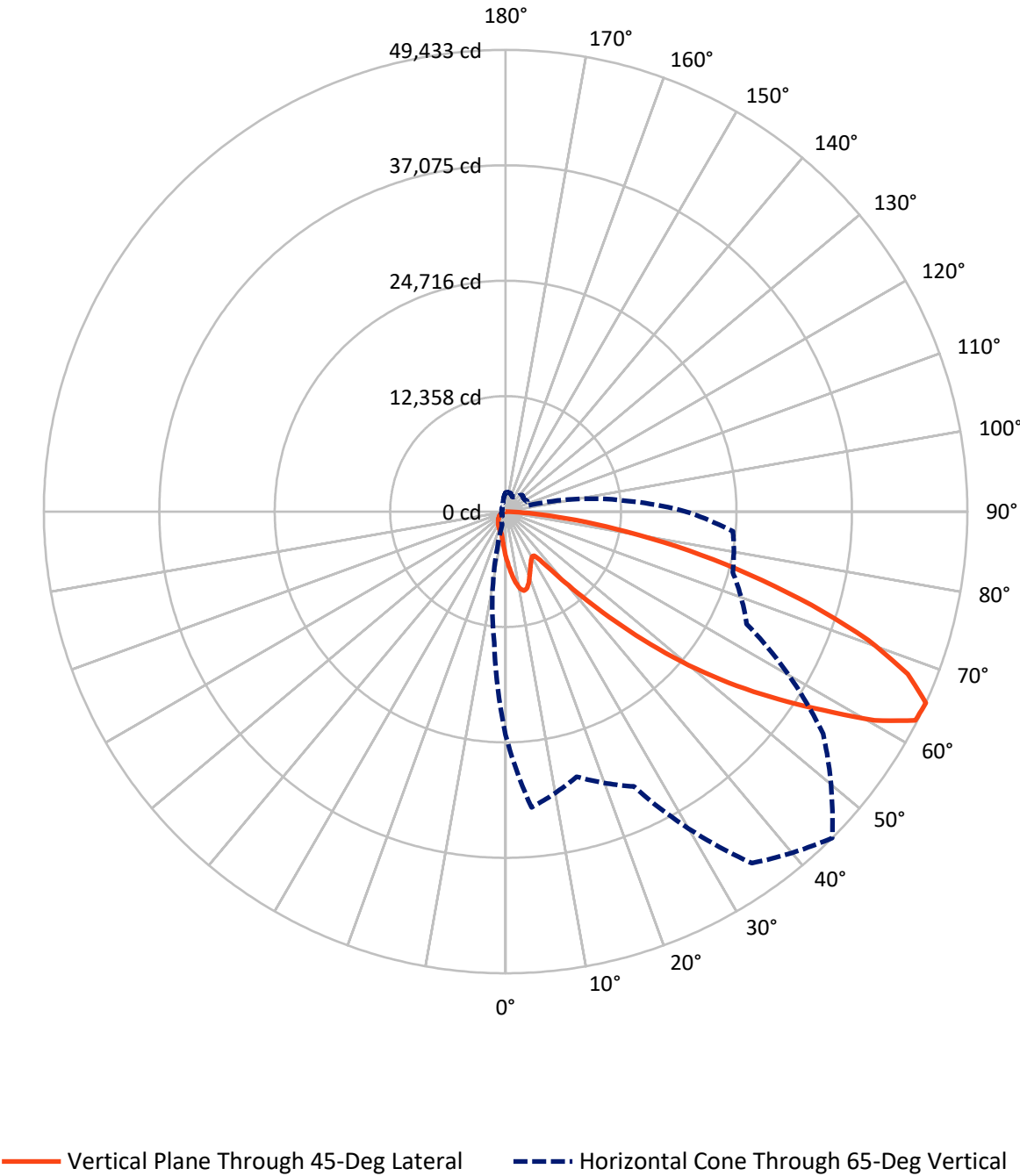


Based on 25 foot mounting height. Maximum calculated value = 12.8 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6991.3	0.0	6991.3
	% Fixture	19.9	0.0	19.9
Street Side	Lumens	28181.7	0.0	28181.7
	% Fixture	80.1	0.0	80.1
Total	Lumens	35173.0	0.0	35173.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	479.5	1.4
10°-20°	1437.4	4.1
20°-30°	2117.6	6.0
30°-40°	2720.5	7.7
40°-50°	4399.9	12.5
50°-60°	7715.6	21.9
60°-70°	9654.4	27.4
70°-80°	5641.6	16.0
80°-90°	1006.5	2.9
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°	35173.0	100.0
0°-180°	35173.0	100.0

Coefficient of Utilization



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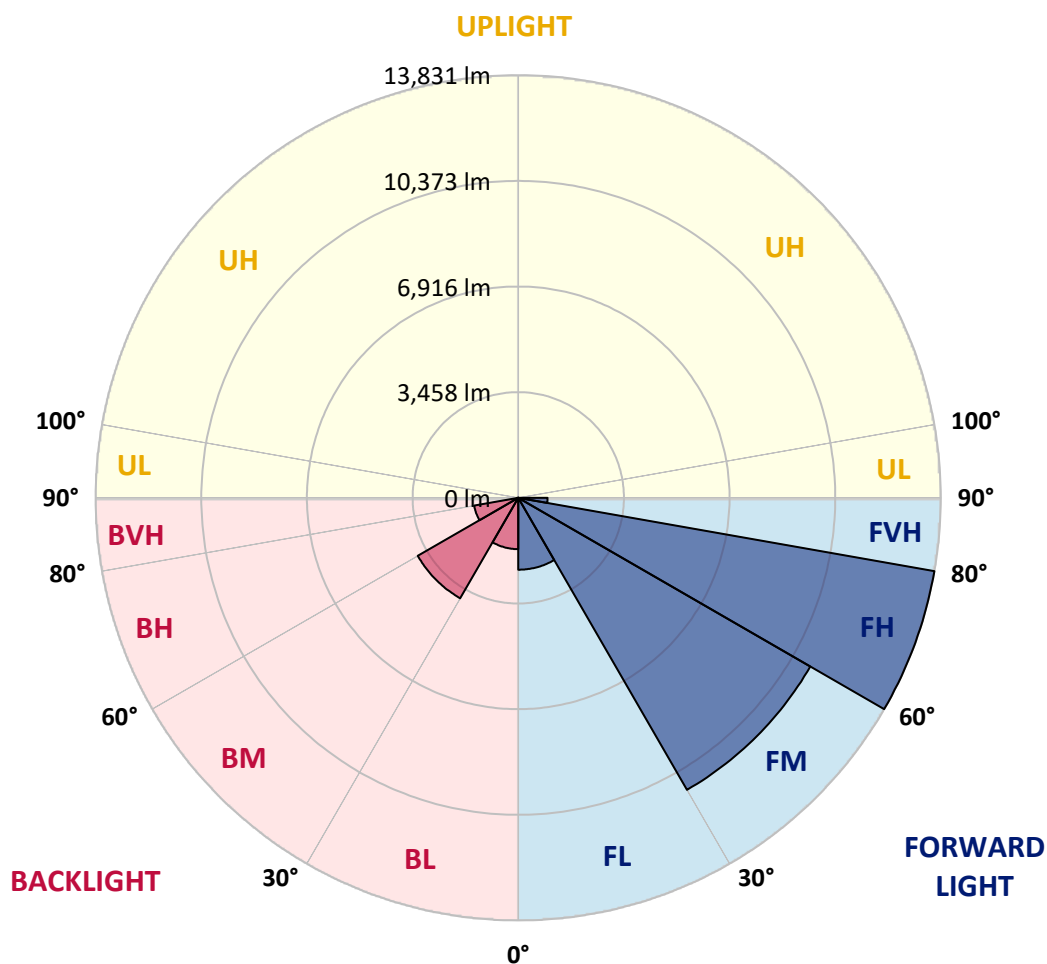
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2353.5	6.7			
FM	(30°-60°)	11037.7	31.4			
FH	(60°-80°)	13831.1	39.3			G5
FVH	(80°-90°)	959.4	2.7			G5
BL	(0°-30°)	1681.0	4.8	B3/2500		
BM	(30°-60°)	3798.3	10.8	B3/5000		
BH	(60°-80°)	1464.8	4.2	B3/2500		G3/2500
BVH	(80°-90°)	47.2	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type IV Short



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CANDELA DISTRIBUTION (continued):

285°		295°	305°	315°	325°	335°	345°	355°	360°
4870.3	0°	4870.3	4870.3	4870.3	4870.3	4870.3	4870.3	4870.3	4870.3
4414.8	2.5°	4516.6	4613.5	4768.6	4928.5	5086.0	5245.9	5401.0	5456.7
3906.0	5°	4097.4	4320.3	4628.0	4957.6	5296.8	5640.9	5955.9	6098.8
3380.2	7.5°	3629.7	3949.6	4412.4	4928.5	5468.8	6009.2	6505.9	6736.1
2859.2	10°	3130.6	3535.2	4063.5	4761.3	5536.7	6283.0	6966.3	7264.3
2401.2	12.5°	2655.7	3079.7	3663.7	4499.6	5483.4	6440.5	7261.9	7613.2
2079.0	15°	2258.3	2633.9	3263.9	4189.5	5311.3	6450.2	7402.4	7787.7
1899.7	17.5°	1960.2	2205.0	2856.8	3845.4	5086.0	6360.5	7450.9	7862.8
1802.8	20°	1812.4	1880.3	2328.6	3404.4	4875.2	6275.7	7499.3	7933.1
1725.2	22.5°	1725.2	1742.2	1904.5	2835.0	4623.2	6249.1	7584.2	8030.0
1654.9	25°	1654.9	1659.8	1703.4	2246.2	4237.9	6232.1	7715.0	8163.3
1582.3	27.5°	1584.7	1584.7	1608.9	1810.0	3714.5	6159.4	7884.6	8323.2
1509.6	30°	1514.4	1514.4	1531.4	1601.6	3101.5	6016.4	8088.1	8531.6
1436.9	32.5°	1441.7	1441.7	1456.3	1507.1	2476.4	5837.1	8274.7	8742.4
1361.8	35°	1369.0	1364.2	1383.6	1436.9	1969.9	5609.4	8461.3	8970.1
1286.6	37.5°	1291.5	1289.1	1308.4	1369.0	1701.0	5345.3	8601.8	9280.3
1211.5	40°	1209.1	1209.1	1230.9	1296.3	1623.4	5013.3	8824.8	9726.1
1134.0	42.5°	1134.0	1129.1	1153.4	1233.3	1565.3	4695.9	9224.6	10375.5
1063.7	45°	1061.3	1051.6	1073.4	1172.8	1463.5	4584.4	9970.9	11335.0
995.9	47.5°	993.5	969.2	988.6	1100.1	1371.4	5001.2	11192.1	12665.3
935.3	50°	937.7	891.7	908.6	1027.4	1301.2	5905.0	12776.8	14431.7
879.6	52.5°	879.6	819.0	828.7	937.7	1238.2	6765.2	14494.7	16762.7
823.8	55°	819.0	751.1	756.0	848.1	1148.5	6893.6	16171.5	19941.7
760.8	57.5°	751.1	688.1	688.1	765.7	1083.1	5975.2	17460.5	23886.4
683.3	60°	676.0	634.8	622.7	700.3	1141.3	4216.1	17610.7	26430.7
584.0	62.5°	593.6	571.8	554.9	637.3	1184.9	2498.2	16401.6	25815.2
460.4	65°	499.1	494.3	482.2	700.3	998.3	1475.6	14080.4	23927.6
392.5	67.5°	419.2	411.9	411.9	734.2	758.4	928.0	11000.7	21330.1
334.4	70°	361.0	334.4	334.4	554.9	460.4	642.1	7681.1	18526.7
276.2	72.5°	302.9	273.8	254.4	443.4	344.1	470.1	4800.1	15866.1
210.8	75°	242.3	220.5	196.3	293.2	256.8	356.2	2788.9	13145.1
133.3	77.5°	174.5	164.8	138.1	215.7	186.6	256.8	1659.8	10142.9
82.4	80°	89.7	92.1	87.2	123.6	126.0	174.5	945.0	6942.0
53.3	82.5°	53.3	41.2	46.0	60.6	72.7	99.3	356.2	4080.4
38.8	85°	33.9	21.8	21.8	29.1	36.3	38.8	109.0	1654.9
19.4	87.5°	17.0	7.3	9.7	14.5	12.1	9.7	4.8	416.8
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)