

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: P943964

Luminaire Tested: **GLAN-SB8C-940-U-T2-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P943964
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-4)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB8C-940-U-T2-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(8) 90 CRI, 4000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II
OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 32044 lumens
Efficiency: N/A
Efficacy: 80.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G4

Input Watts (W): 399.8
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

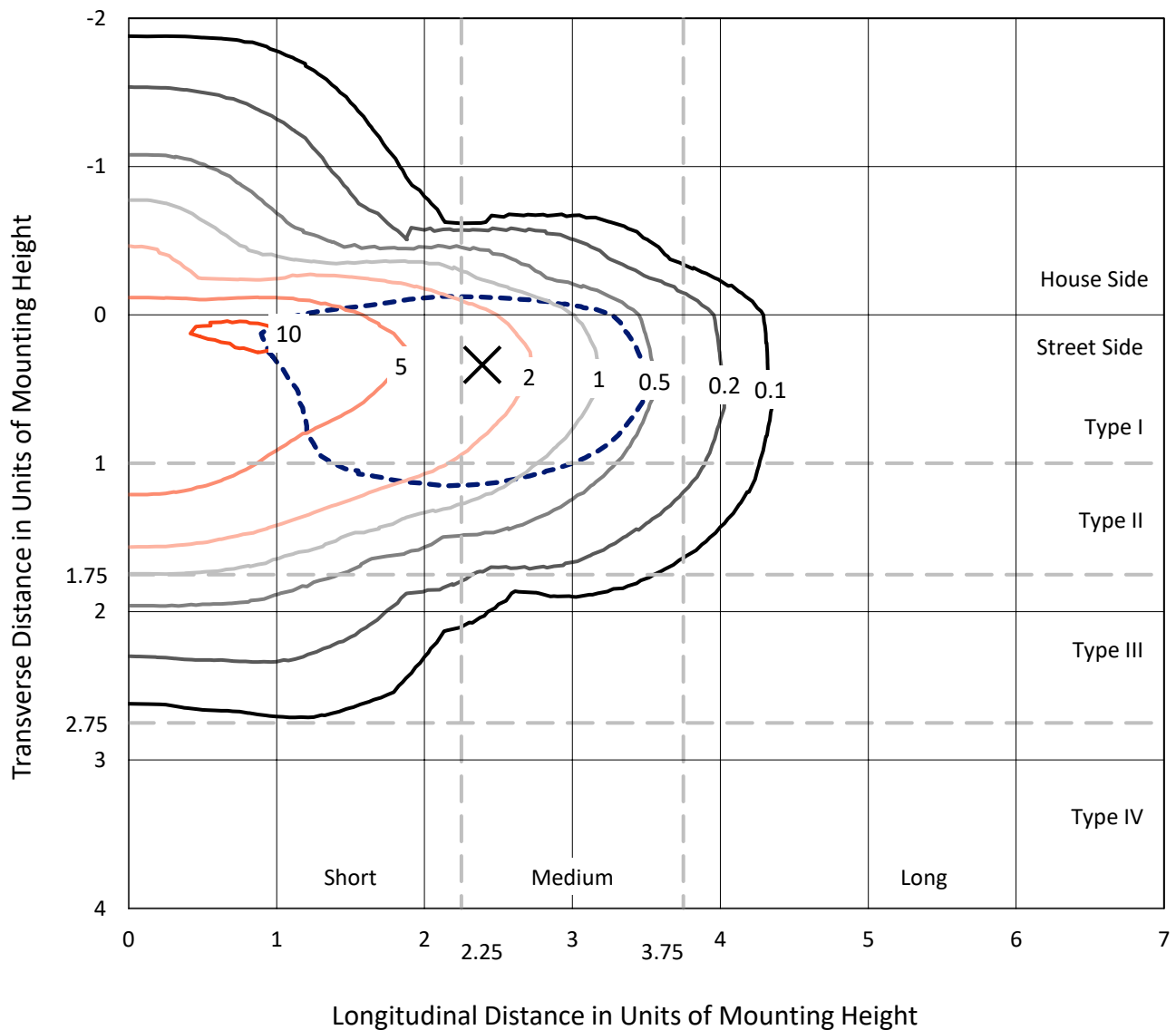


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Iso-Footcandle Lines of Horizontal Illumination

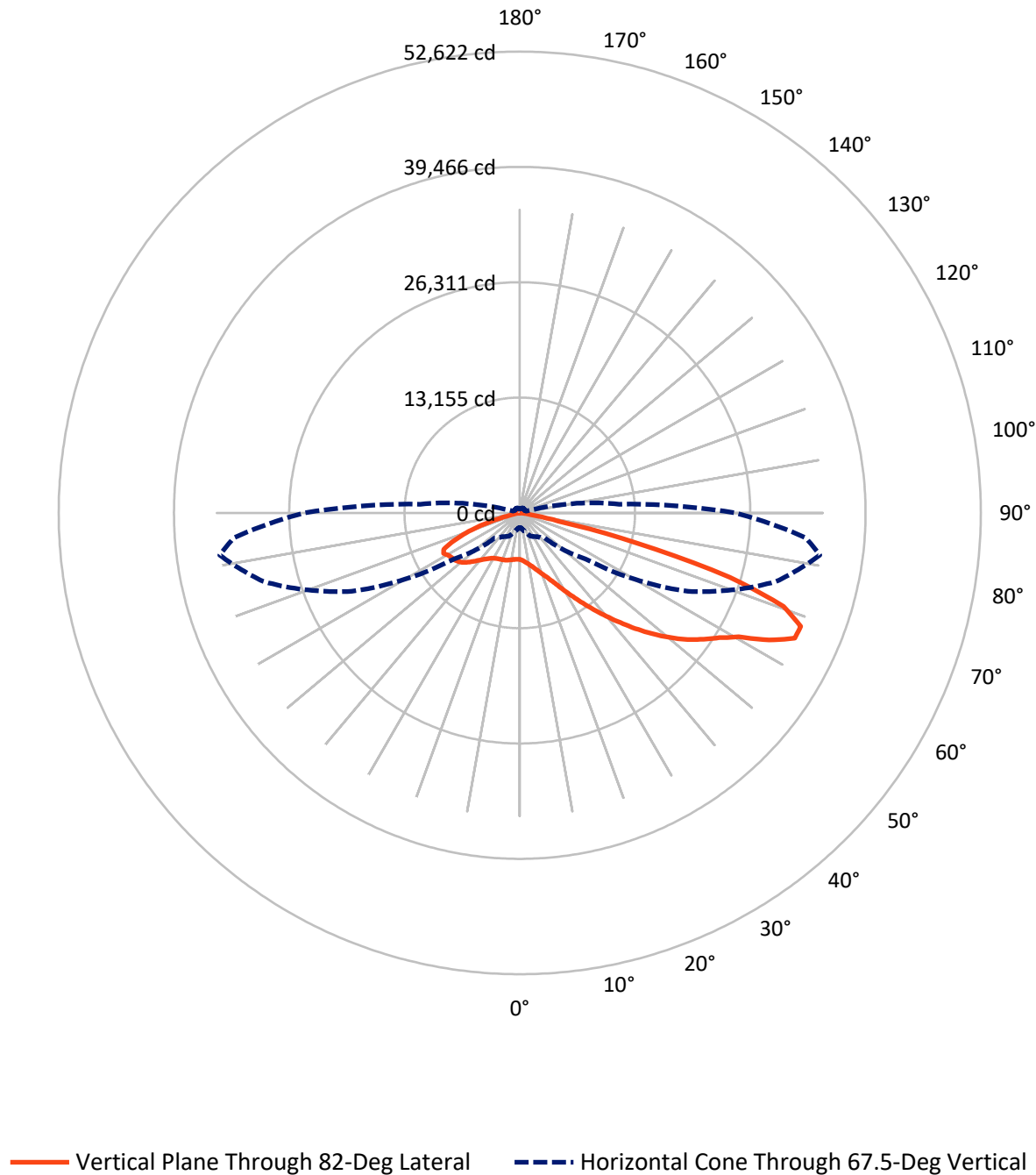
× Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.2 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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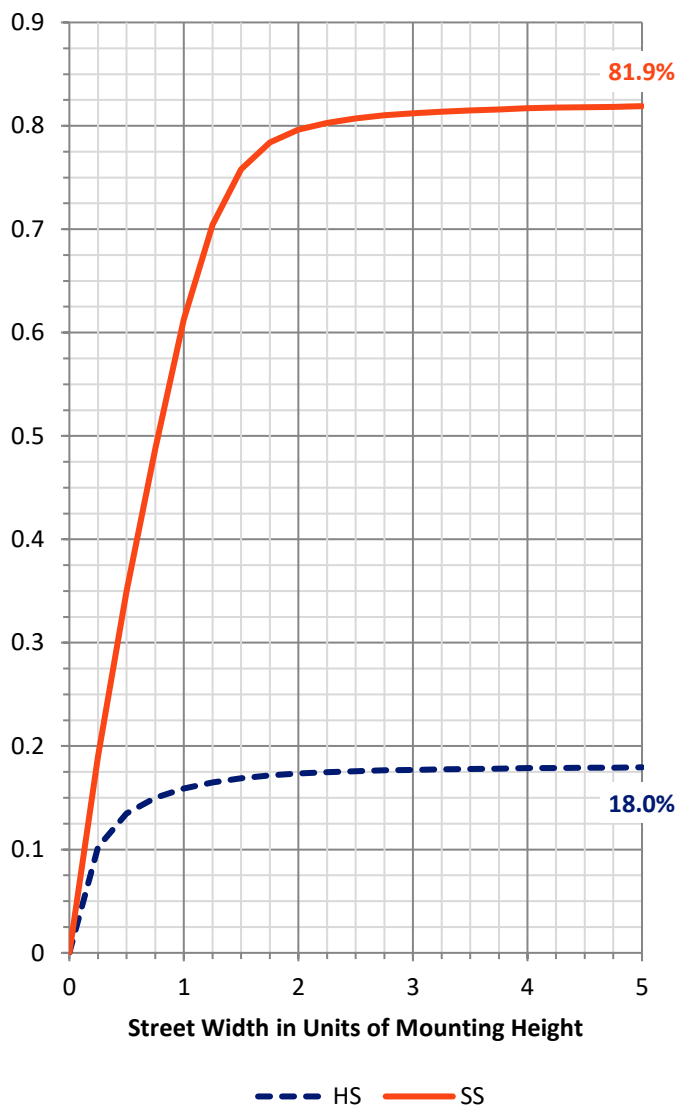
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5804.5	0.0	5804.5
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	26239.5	0.0	26239.5
	% Fixture	81.9	0.0	81.9
Total	Lumens	32044.0	0.0	32044.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	473.0	1.5
10°-20°	1229.0	3.8
20°-30°	1968.5	6.1
30°-40°	3480.9	10.9
40°-50°	6098.9	19.0
50°-60°	8134.2	25.4
60°-70°	7572.6	23.6
70°-80°	2906.3	9.1
80°-90°	180.5	0.6
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°	32044.0	100.0
0°-180°	32044.0	100.0

Coefficient of Utilization



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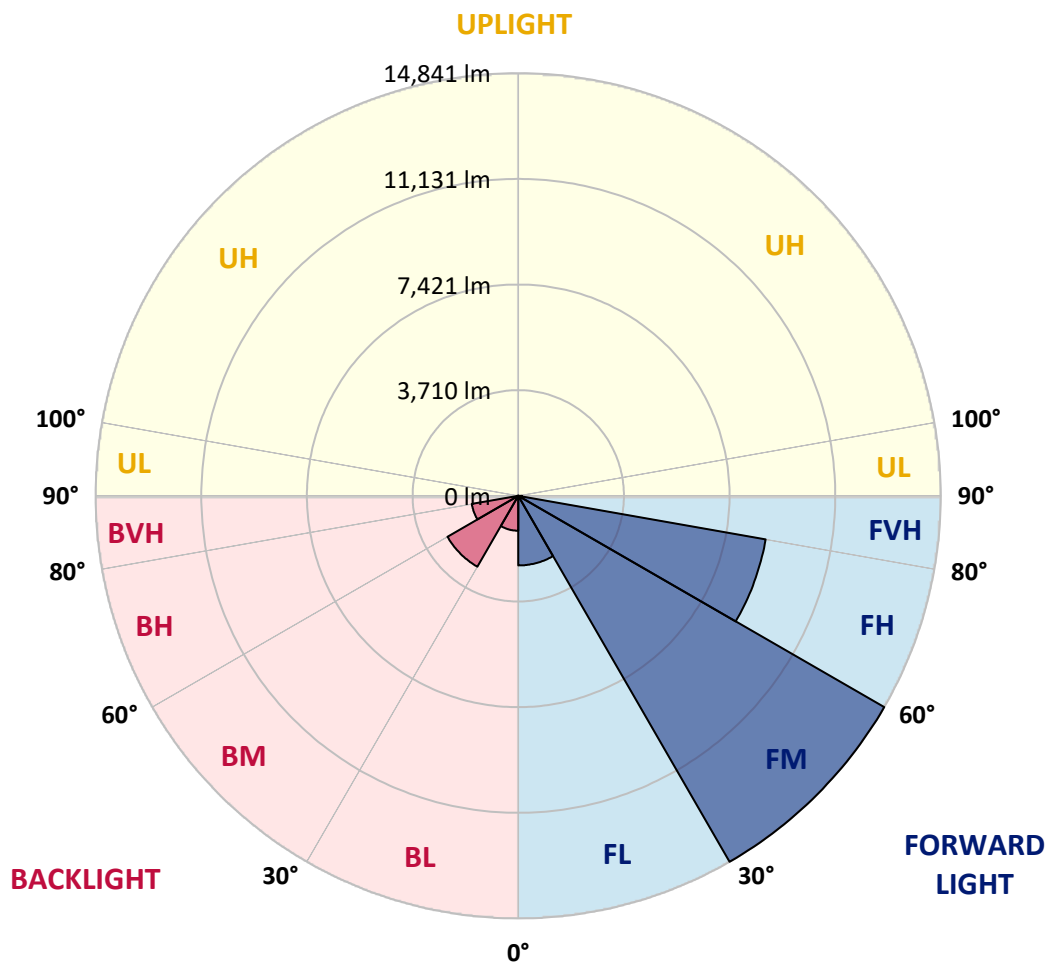
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2444.6	7.6			
FM	(30°-60°)	14841.5	46.3			
FH	(60°-80°)	8822.2	27.5			G4/12000
FVH	(80°-90°)	131.2	0.4			G2/225
BL	(0°-30°)	1225.9	3.8	B3/2500		
BM	(30°-60°)	2872.6	9.0	B3/5000		
BH	(60°-80°)	1656.7	5.2	B3/2500		G3/2500
BVH	(80°-90°)	49.3	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4

Type II Medium



180°
5308.6
4681.1
3788.2
2930.0
2392.4
2196.3
2129.4
2053.3
1947.2
1811.1
1663.4
1520.4
1407.3
1331.2
1273.5
1278.1
1236.6
1142.0
1049.7
971.3
918.2
881.3
812.1
754.4
673.7
583.7
493.7
440.7
392.2
309.1
226.1
177.6
117.7
76.1
30.0
0.0
0.0