

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: P948109

Luminaire Tested: **GLAN-SB3B-735-U-AFL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P948109
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB3B-735-U-AFL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND AUTOMOTIVE
FRONTLINE OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17183 lumens
Efficiency: N/A
Efficacy: 157.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B2 - U0 - G2

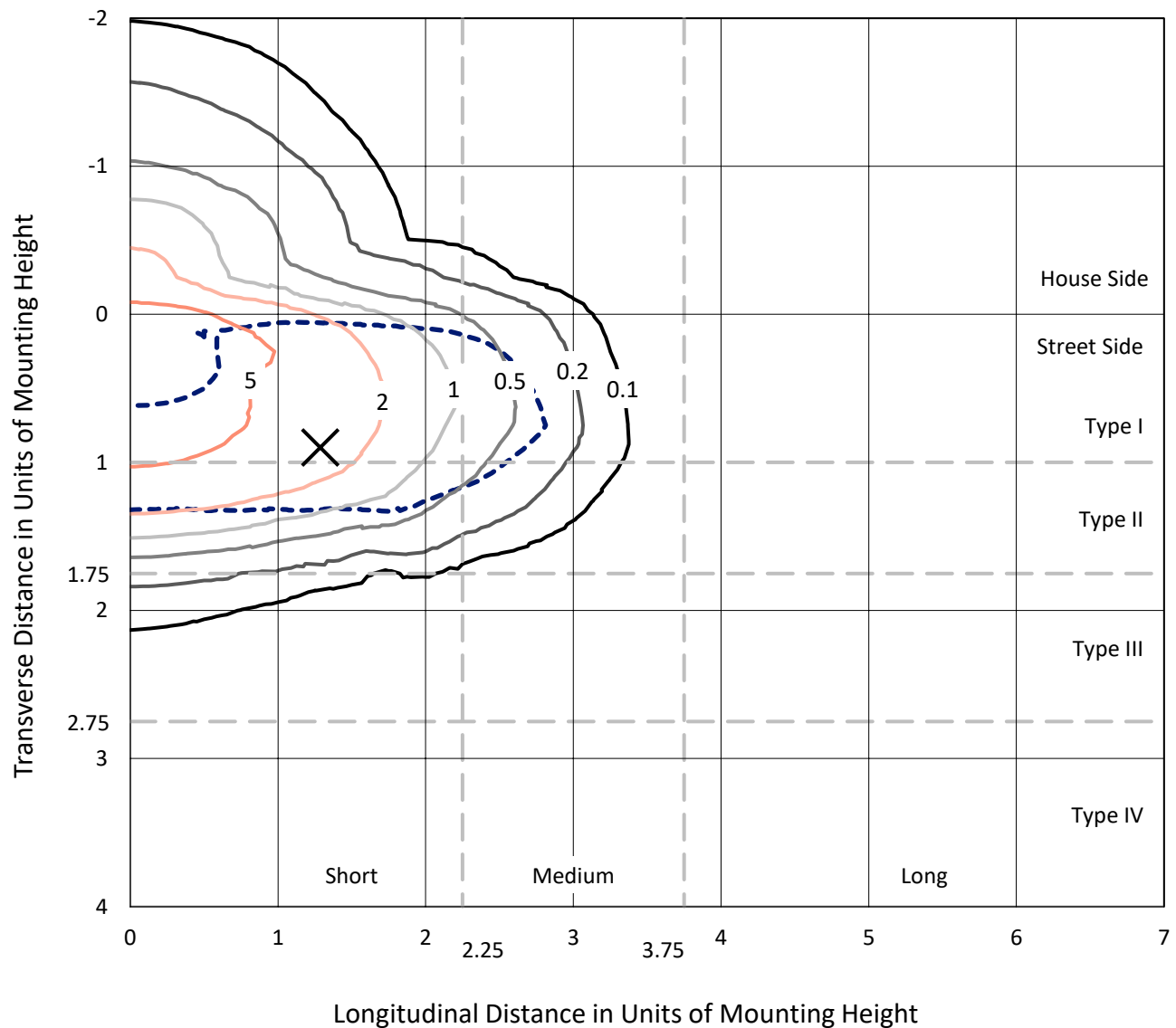
Input Watts (W): 109.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise

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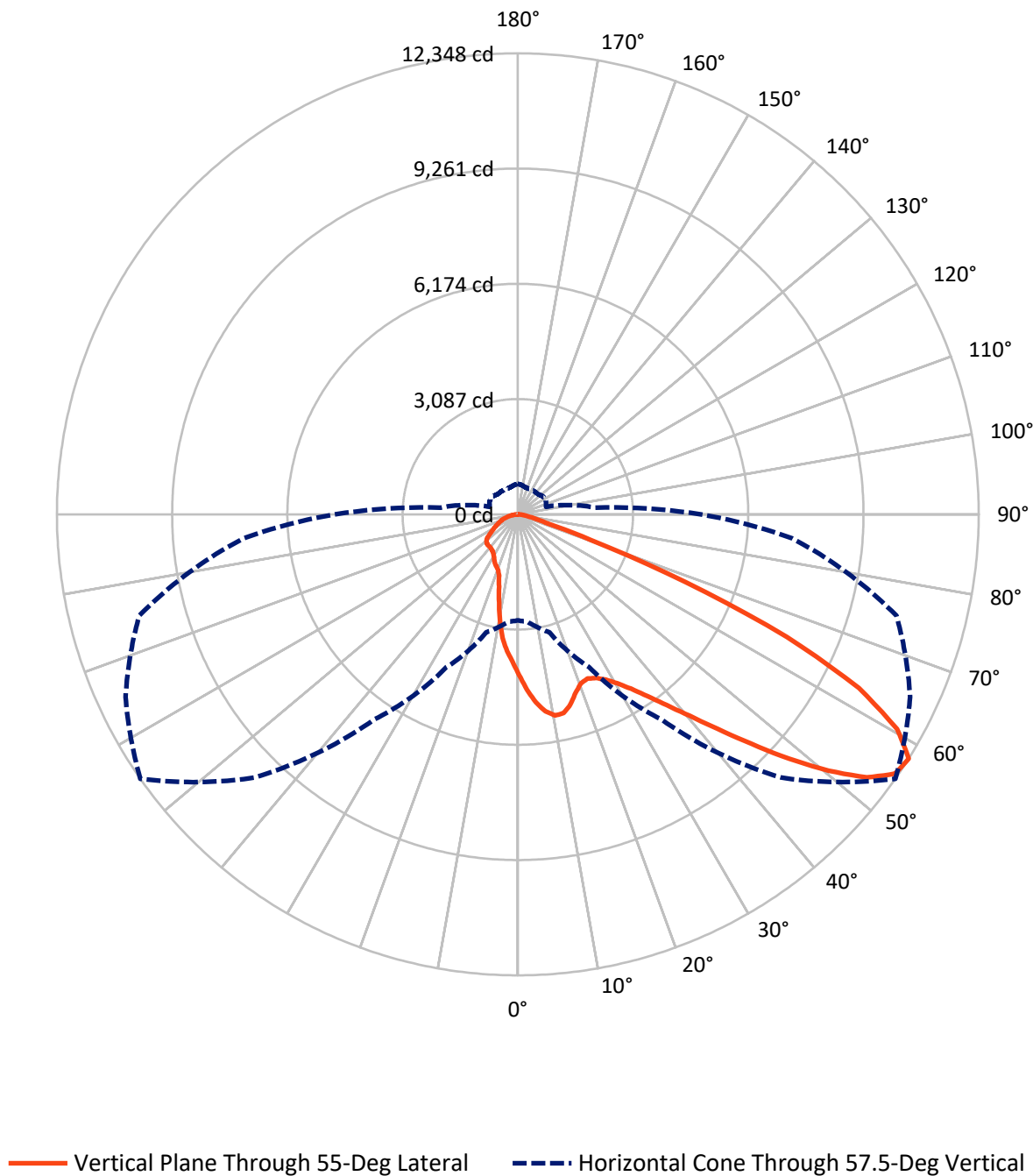
Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd



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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3109.2	0.0	3109.2
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	14073.8	0.0	14073.8
	% Fixture	81.9	0.0	81.9
Total	Lumens	17183.0	0.0	17183.0
	% Fixture	100.0	0.0	100.0

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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°)	2082.6	12.1			
FM	(30°-60°)	9170.7	53.4			
FH	(60°-80°)	2762.5	16.1			G2/5000
FVH	(80°-90°)	58.1				

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4305.5	4305.5	4305.5	4305.5	4305.5	4305.5	4305.5	4305.5	4305.5	4305.5
2.5°	4939.7	4936.2	4955.7	4889.1	4843.8	4782.5	4701.7	4598.6	4487.6	4370.3
5°	5384.8									

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CANDELA DISTRIBUTION (continued):

90°		95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
4305.5	0°	4305.5	4305.5	4305.5	4305.5	4305.5	4305.5	4305.5	4305.5	4305.5	4305.5
4319.7	2.5°	4256.6	4151.8	4047.9	3952.9	3895.1	3857.8	3820.5	3778.8	3762.8	3738.

