

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: P950017

Luminaire Tested: **GLAN-SB4C-835-U-5MQ**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P950017
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB4C-835-U-5MQ
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(4) 80 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V MEDIUM OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 29155 lumens
Efficiency: N/A
Efficacy: 145.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B5 - U0 - G3

Input Watts (W): 200.7
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

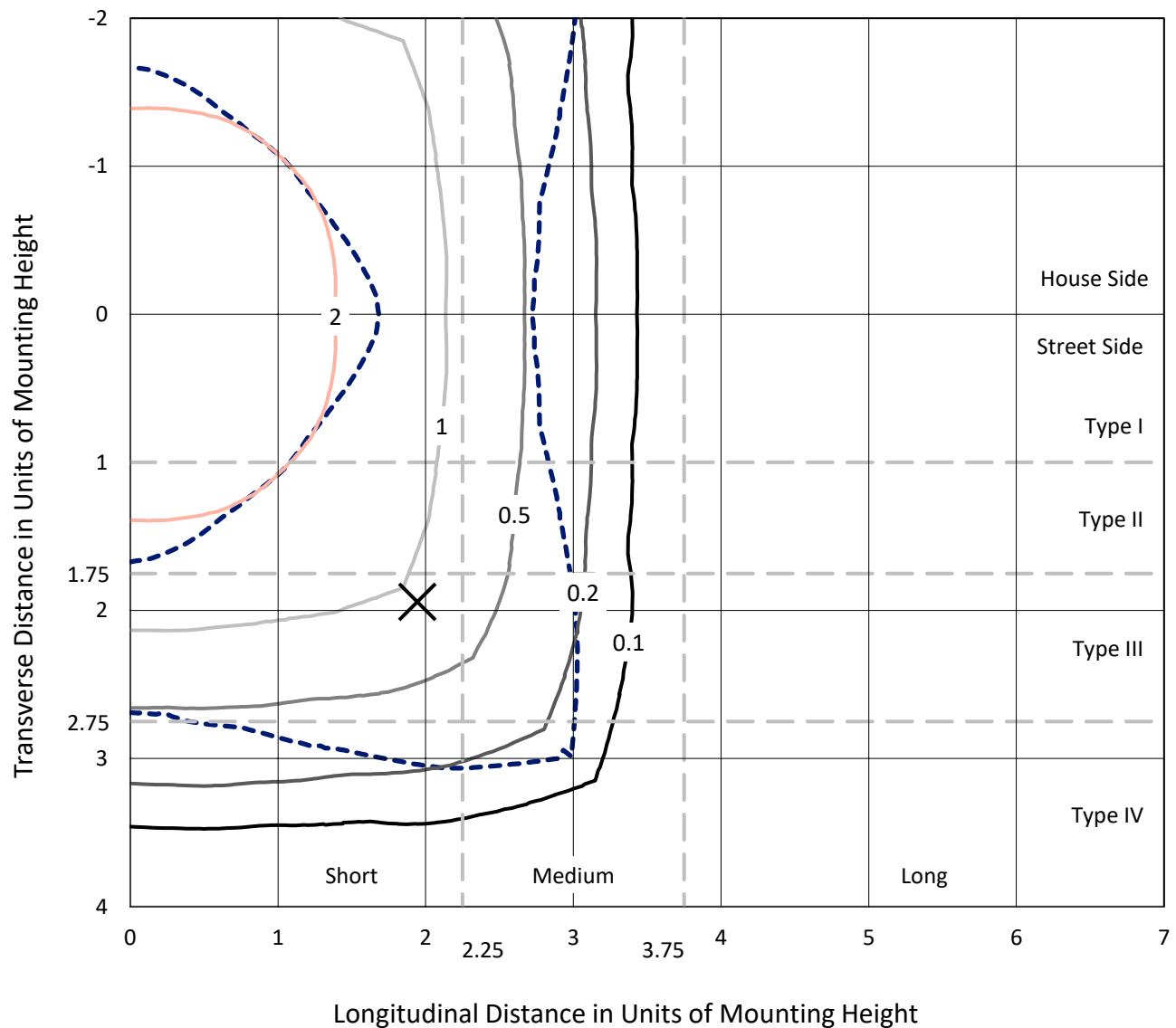


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Iso-Footcandle Lines of Horizontal Illumination

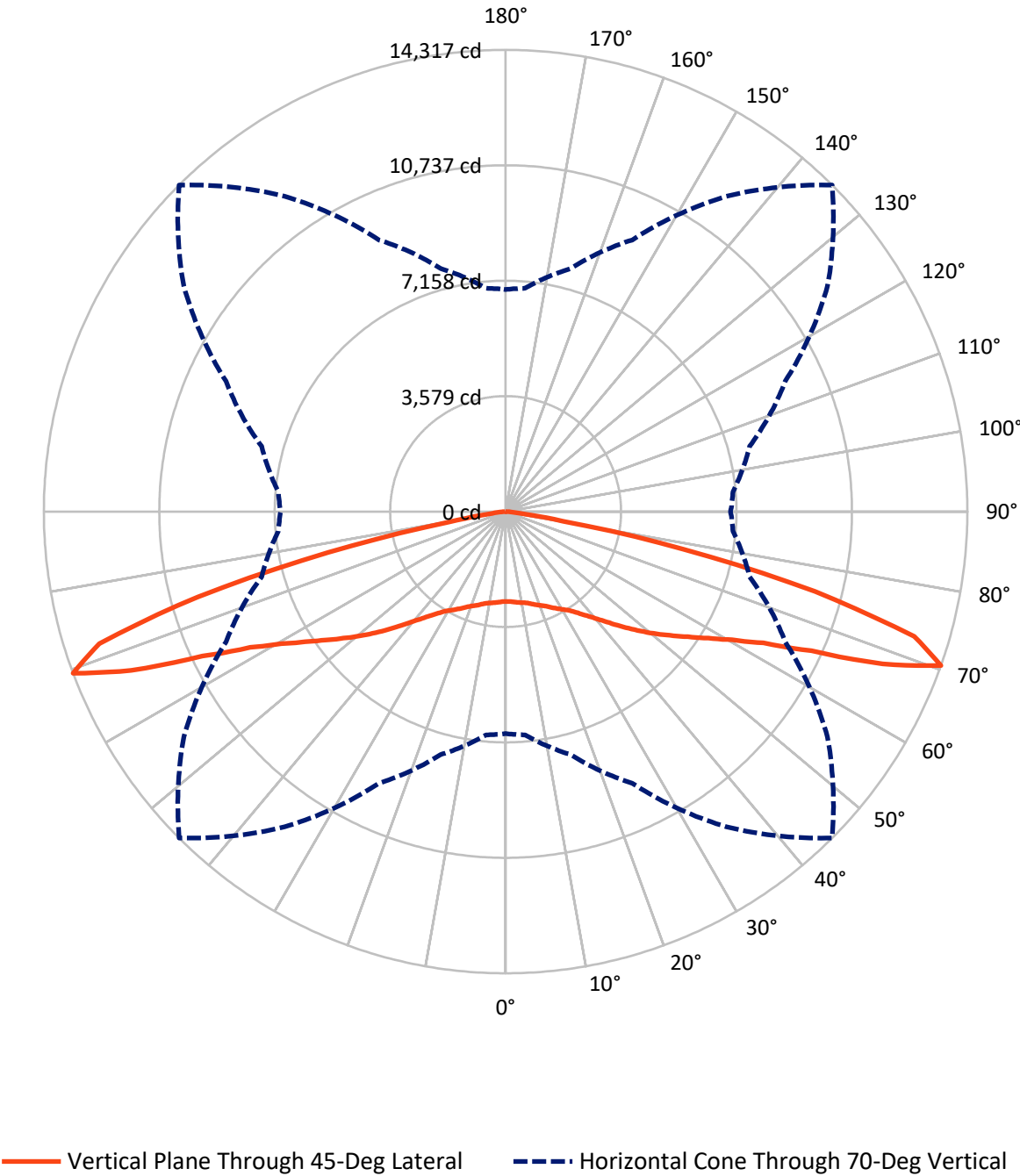
× Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.5 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	14577.5	0.0	14577.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	14577.5	0.0	14577.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	29155.0	0.0	29155.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	271.3	0.9
10°-20°	841.3	2.9
20°-30°	1503.5	5.2
30°-40°	2437.2	8.4
40°-50°	3969.8	13.6
50°-60°	6052.6	20.8
60°-70°	9004.4	30.9
70°-80°	4907.7	16.8
80°-90°	167.1	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°	29155.0	100.0
0°-180°	29155.0	100.0

Coefficient of Utilization



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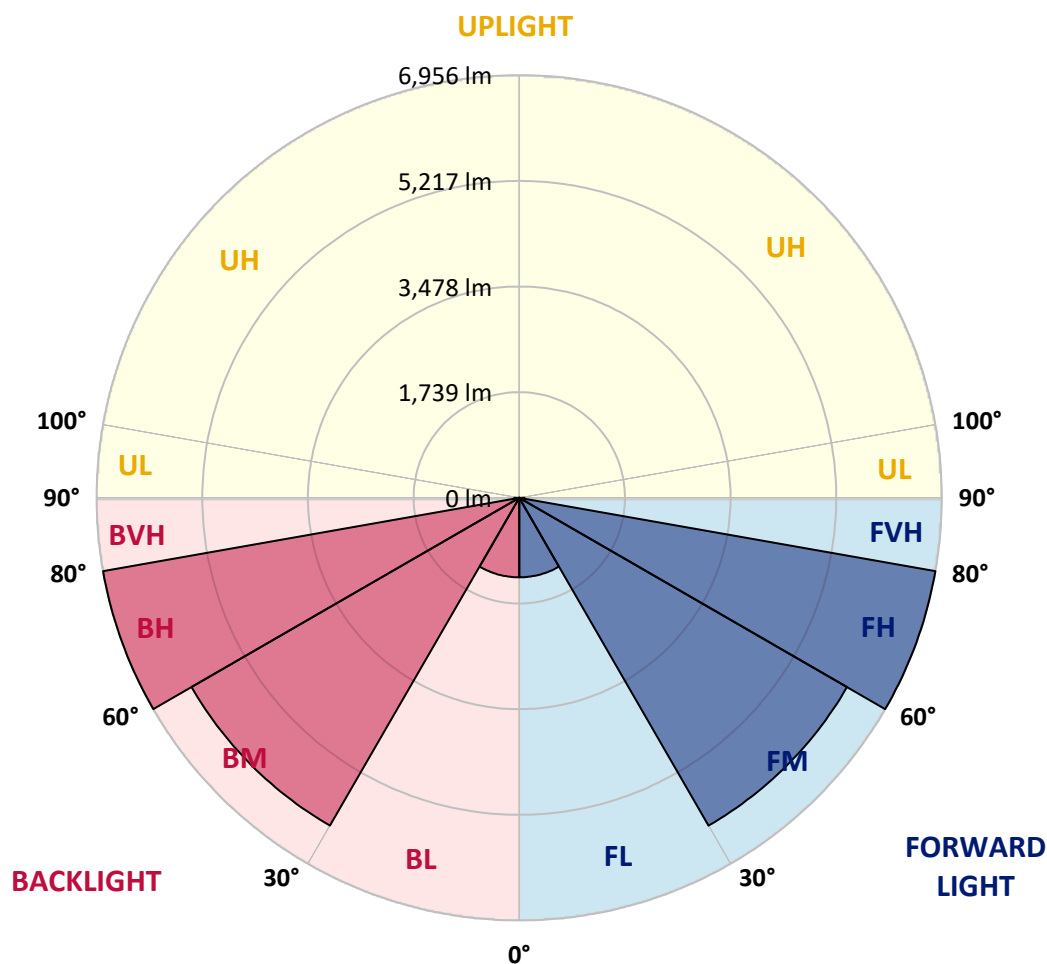
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1308.1	4.5			
FM	(30°-60°)	6229.8	21.4			
FH	(60°-80°)	6956.0	23.9			G3/7500
FVH	(80°-90°)	83.6	0.3			G1/100
BL	(0°-30°)	1308.1	4.5	B3/2500		
BM	(30°-60°)	6229.8	21.4	B4/8500		
BH	(60°-80°)	6956.0	23.9	B5		G3/7500
BVH	(80°-90°)	83.6	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G3

Type V Short



90°
2792.7
2807.4
2829.3
2855.7
2880.6
2905.5
2945.0
2993.3
3048.9
3104.5
3167.5
3253.8
3376.8
3543.6
3754.4
4012.0
4313.5
4645.8
5000.0
5346.9
5711.4
6037.8
6365.6
6737.4
7166.3
7724.0
8230.4
8082.6
6974.5
4413.1
1226.6
305.9
163.9
108.3
70.3
29.3
0.0