

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: P943230

Luminaire Tested: **GLAN-SB7C-840-U-5WQ**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P943230
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB7C-840-U-5WQ
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(7) 80 CRI, 4000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 51531 lumens
Efficiency: N/A
Efficacy: 147.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B5 - U0 - G5

Input Watts (W): 350.5
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

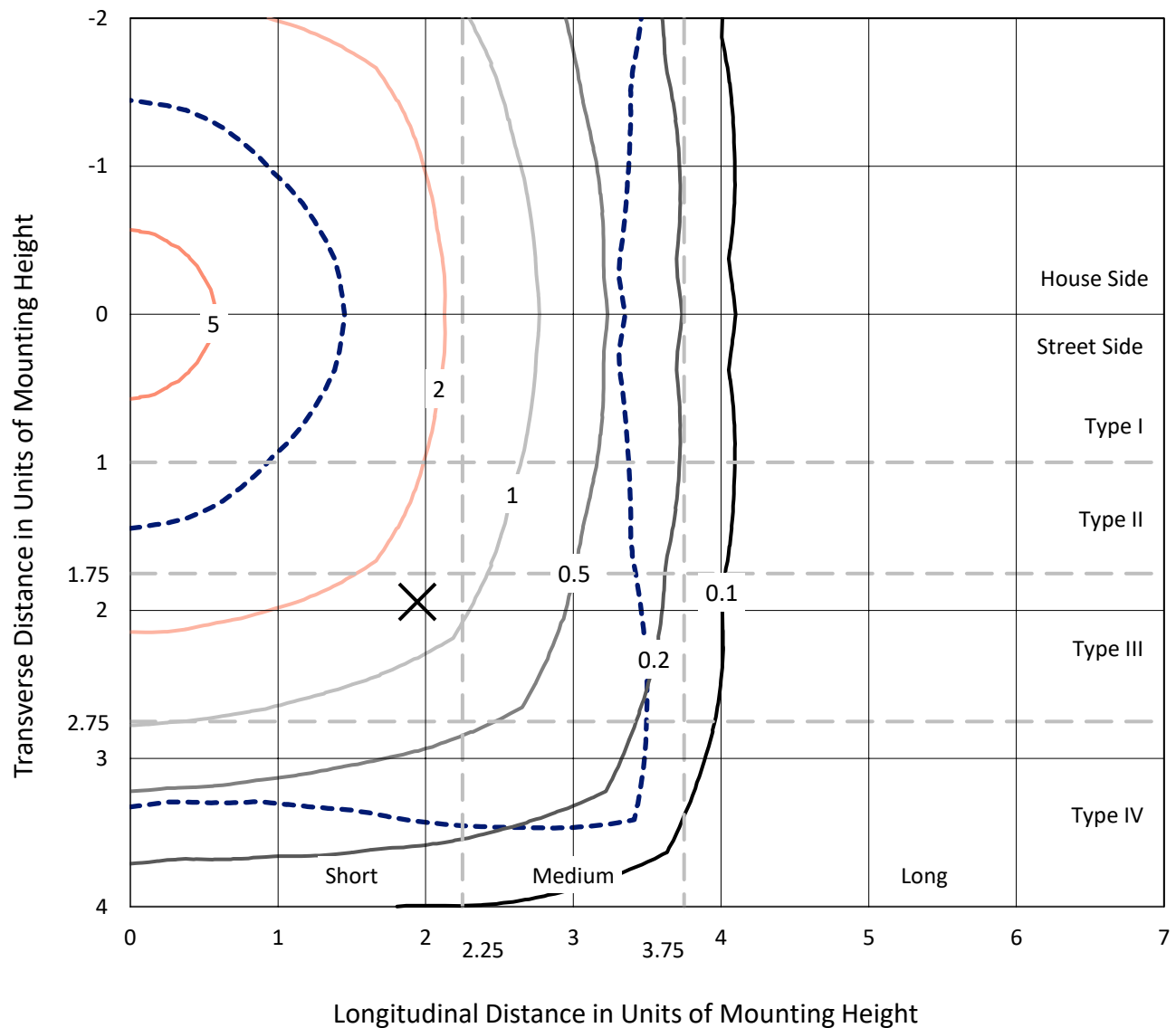


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Iso-Footcandle Lines of Horizontal Illumination

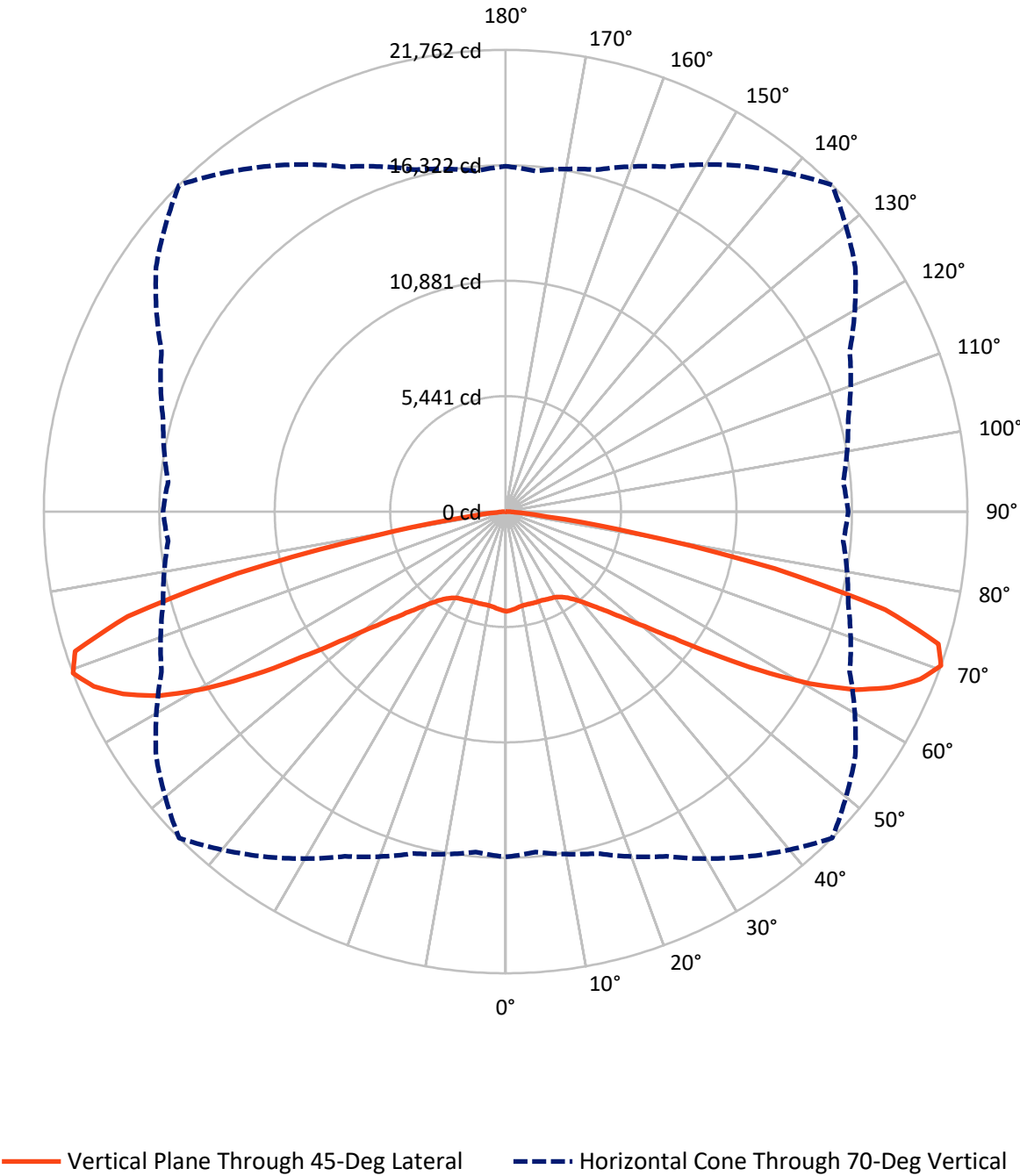
× Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.5 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	25765.5	0.0	25765.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	25765.5	0.0	25765.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	51531.0	0.0	51531.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	437.3	0.8
10°-20°	1283.9	2.5
20°-30°	2136.7	4.1
30°-40°	3231.3	6.3
40°-50°	5369.6	10.4
50°-60°	10132.3	19.7
60°-70°	17108.8	33.2
70°-80°	11242.2	21.8
80°-90°	589.0	1.1
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°	51531.0	100.0
0°-180°	51531.0	100.0

Coefficient of Utilization



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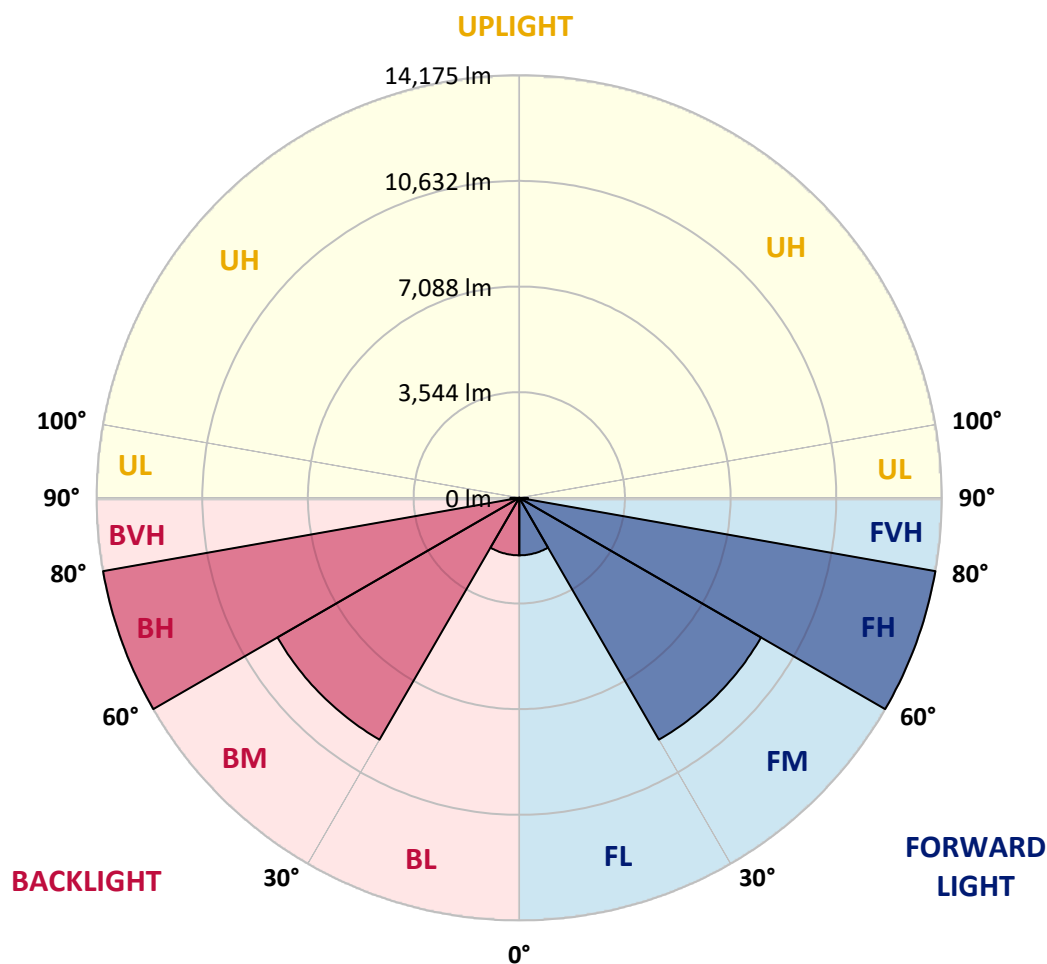
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1928.9	3.7			
FM	(30°-60°)	9366.6	18.2			
FH	(60°-80°)	14175.5	27.5			G5
FVH	(80°-90°)	294.5	0.6			G3/500
BL	(0°-30°)	1928.9	3.7	B3/2500		
BM	(30°-60°)	9366.6	18.2	B5		
BH	(60°-80°)	14175.5	27.5	B5		G5
BVH	(80°-90°)	294.5	0.6			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G5

Type V Short



90°
4700.7
4684.6
4625.7
4561.4
4531.9
4531.9
4550.7
4585.5
4620.3
4636.4
4652.5
4692.6
4783.7
4925.7
5153.3
5469.4
5863.1
6364.0
6955.9
7630.9
8442.4
9425.4
10601.3
11935.1
13279.7
14841.2
16359.9
17077.7
16145.6
12768.1
7234.5
2274.0
658.9
342.8
176.8
61.6
0.0