

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: P941797

Luminaire Tested: **GLAN-SB5C-730-U-T3**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P941797
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB5C-730-U-T3
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(5) 70 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III
OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 37856 lumens
Efficiency: N/A
Efficacy: 151.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G4

Input Watts (W): 249.5
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

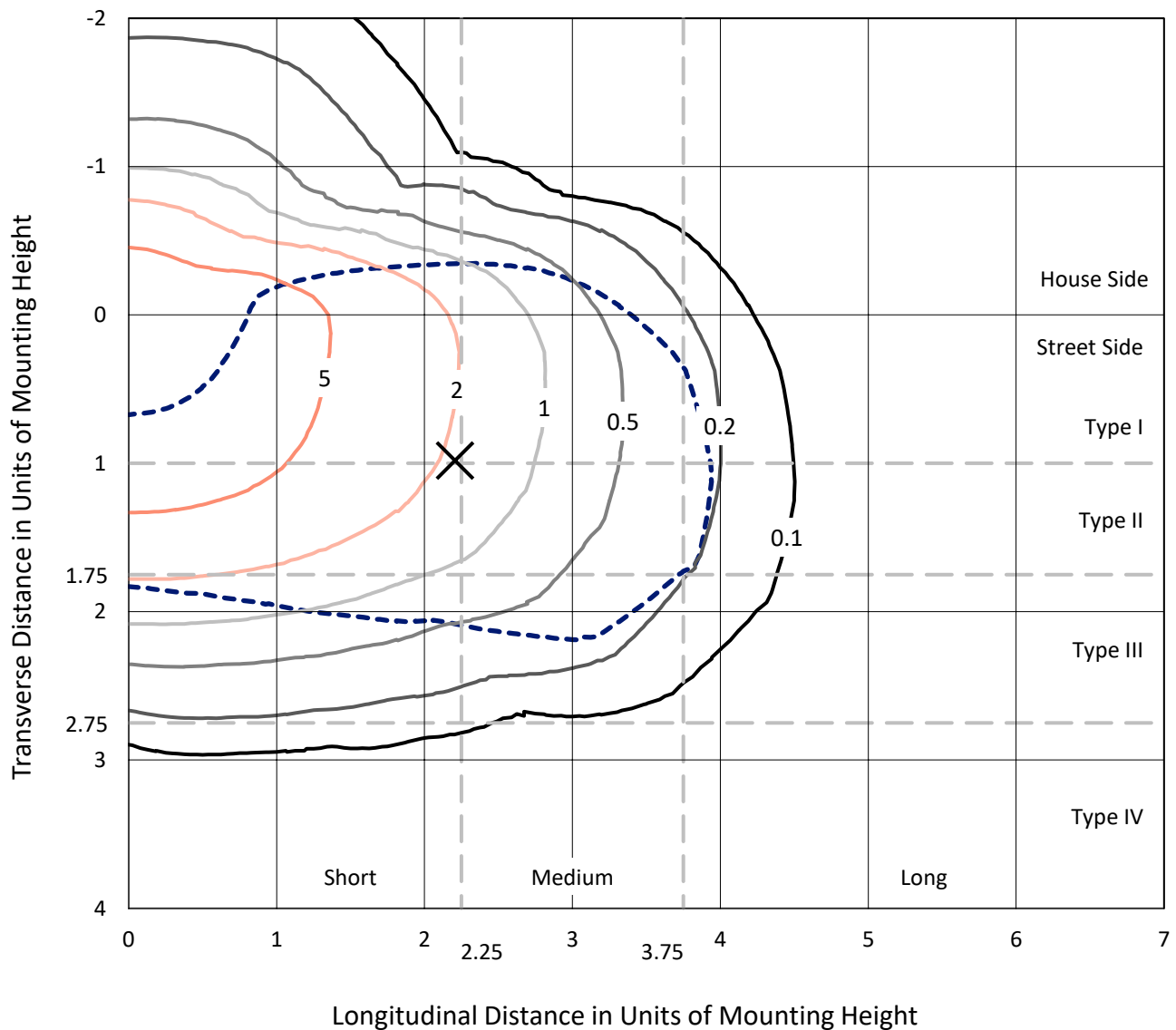


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

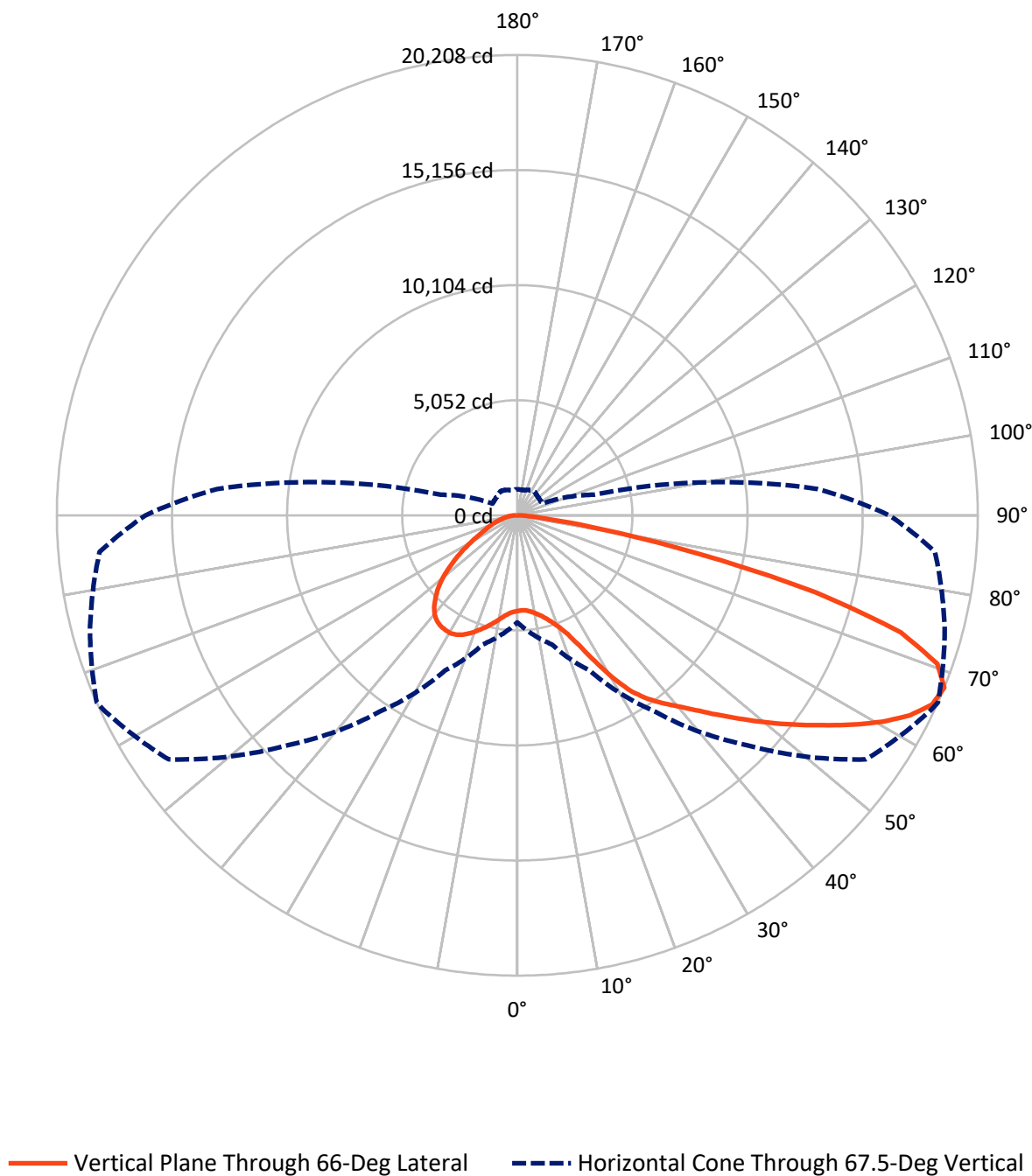


Based on 25 foot mounting height. Maximum calculated value = 9.5 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9412.8	0.0	9412.8
	% Fixture	24.9	0.0	24.9
Street Side	Lumens	28443.2	0.0	28443.2
	% Fixture	75.1	0.0	75.1
Total	Lumens	37856.0	0.0	37856.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	416.3	1.1
10°-20°	1375.4	3.6
20°-30°	2650.9	7.0
30°-40°	4648.1	12.3
40°-50°	6910.1	18.3
50°-60°	8759.3	23.1
60°-70°	8570.7	22.6
70°-80°	4088.3	10.8
80°-90°	436.9	1.2
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°	37856.0	100.0
0°-180°	37856.0	100.0

Coefficient of Utilization



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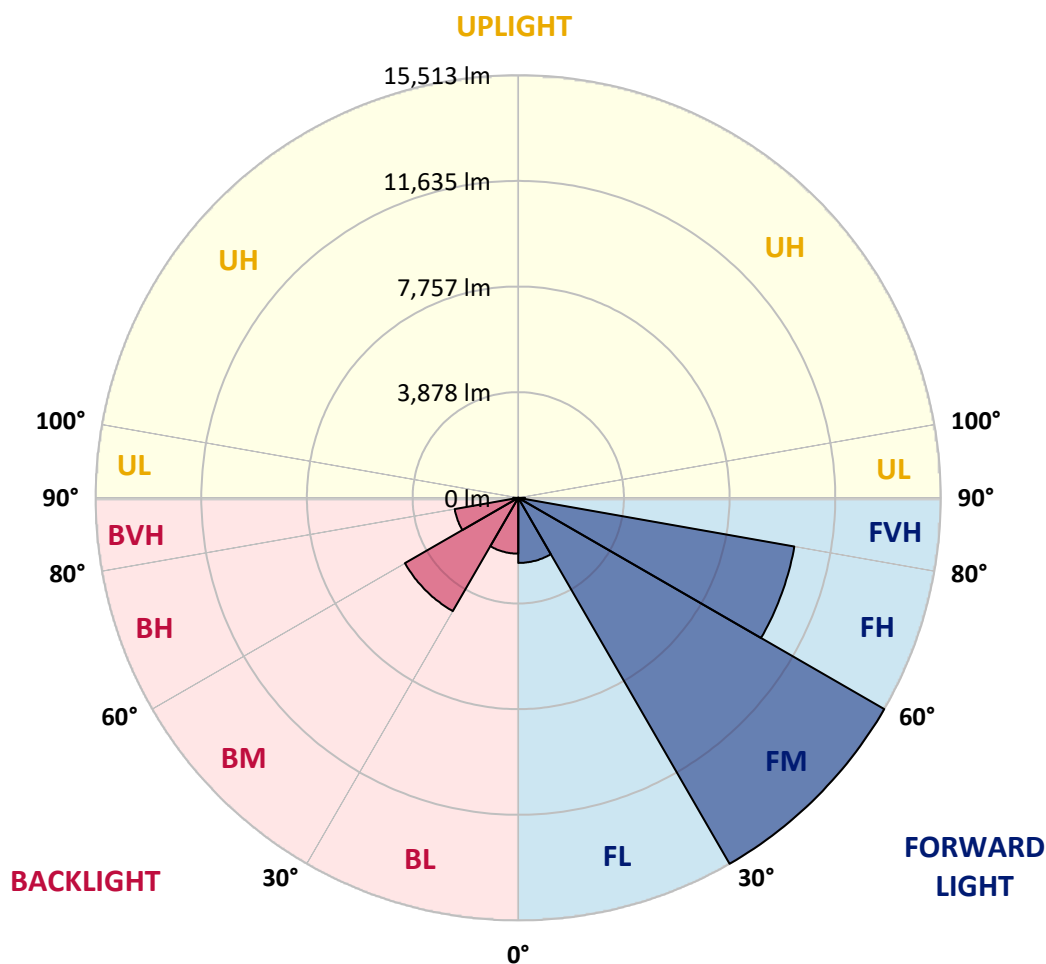
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2392.1	6.3			
FM	(30°-60°)	15513.1	41.0			
FH	(60°-80°)	10290.3	27.2			G4/12000
FVH	(80°-90°)	247.7	0.7			G3/500
BL	(0°-30°)	2050.4	5.4	B3/2500		
BM	(30°-60°)	4804.4	12.7	B3/5000		
BH	(60°-80°)	2368.7	6.3	B3/2500		G3/2500
BVH	(80°-90°)	189.2	0.5			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4

Type III Short



180°
4198.7
4306.1
4477.2
4684.0
4875.0
4942.6
4944.6
4857.1
4652.2
4361.8
4057.5
3779.1
3532.4
3224.1
2878.0
2534.0
2225.7
1967.1
1710.5
1565.3
1473.8
1410.2
1366.4
1318.7
1237.1
1169.5
1141.7
1139.7
1121.8
1215.3
1205.3
851.3
656.4
503.2
379.9
192.9
0.0