

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: P525861

Luminaire Tested: **IFLD-S-SA3B-930-U-22**

Issue Date: 05/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P525861  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 05/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3B-930-U-22  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 22 distribution lens  
Light Source: (48) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

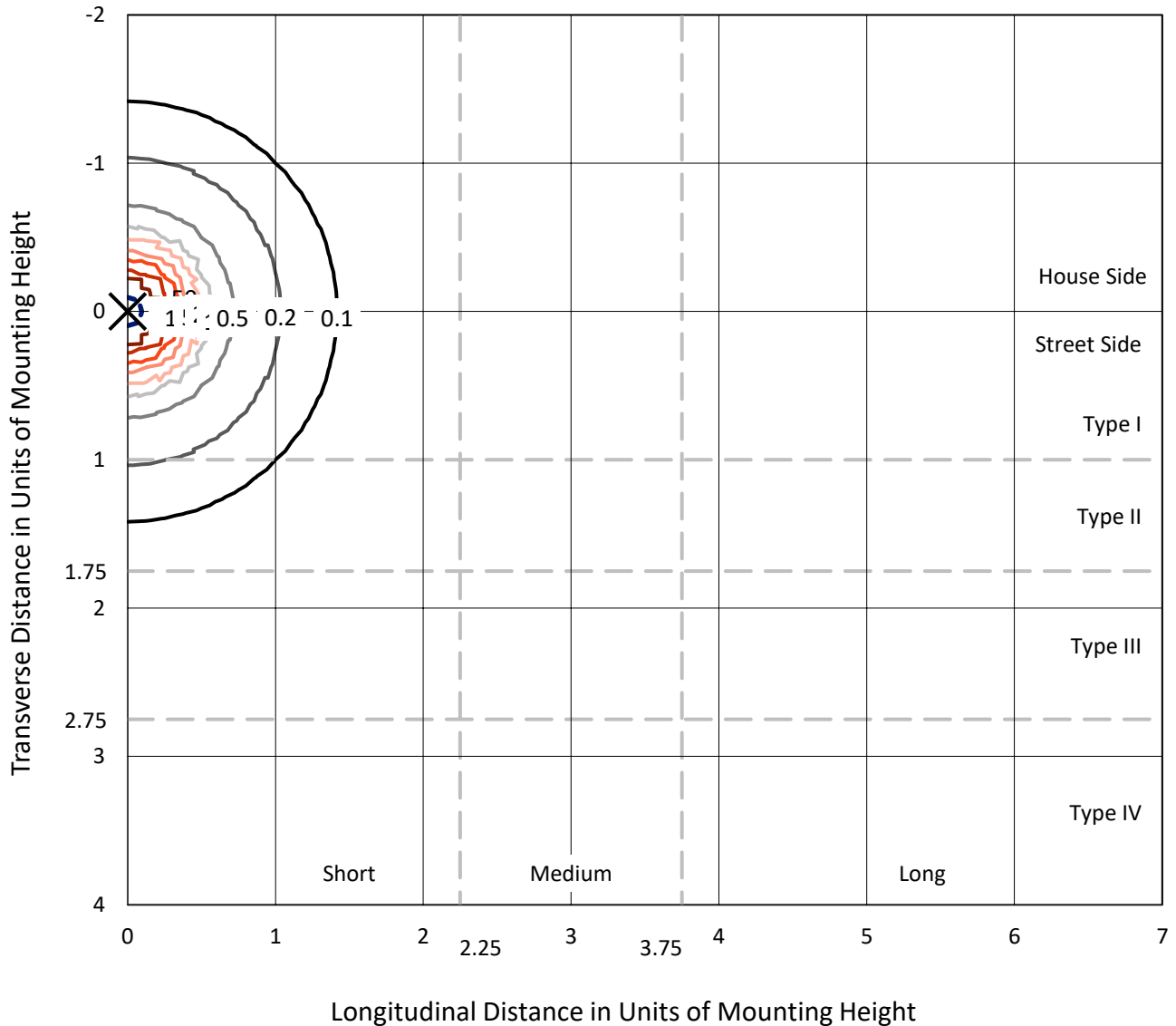
Lumens per Lamp: N/A  
Luminaire Lumens: 11126.6 lumens  
Efficiency: N/A  
Efficacy: 90.9 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B5 - U0 - G1

Input Watts (W): 122.4  
Input Voltage (V): 120  
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

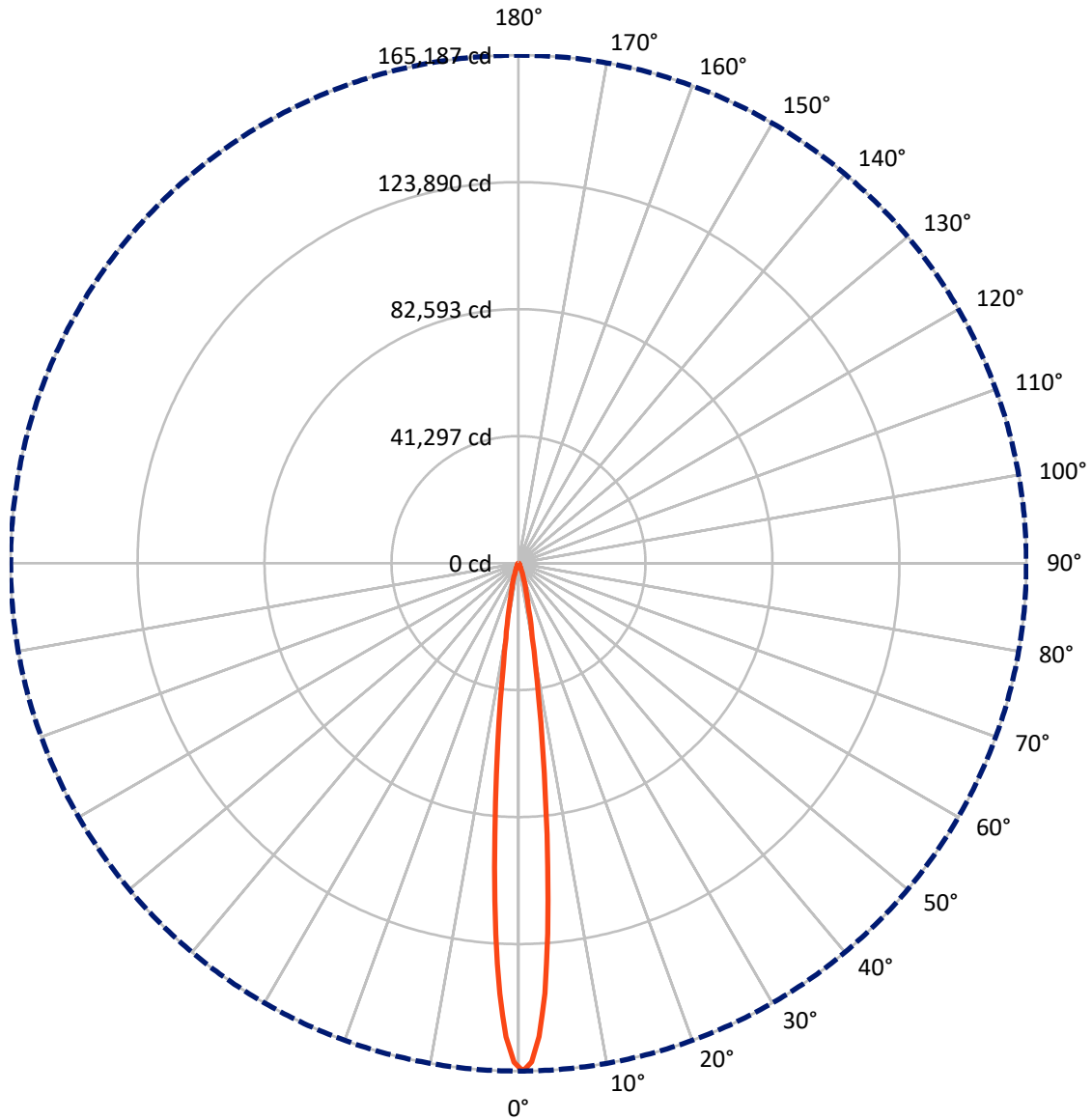
× Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 413 fc  
 Type V - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral      - - - Horizontal Cone Through 0-Deg Vertical

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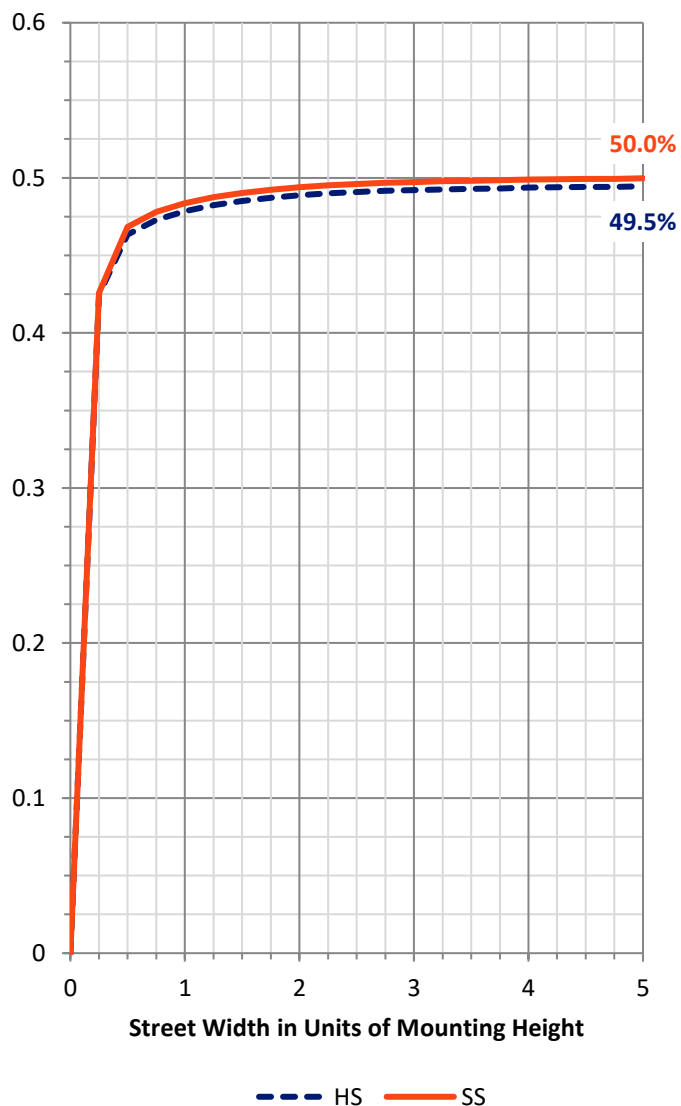
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5563.3	0.0	5563.3
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	5563.3	0.0	5563.3
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	11126.6	0.0	11126.6
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	6827.1	61.4
10°-20°	2716.6	24.4
20°-30°	626.4	5.6
30°-40°	237.8	2.1
40°-50°	194.1	1.7
50°-60°	186.4	1.7
60°-70°	178.6	1.6
70°-80°	118.2	1.1
80°-90°	41.5	0.4
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°	11126.6	100.0
0°-180°	11126.6	100.0

**Coefficient of Utilization**



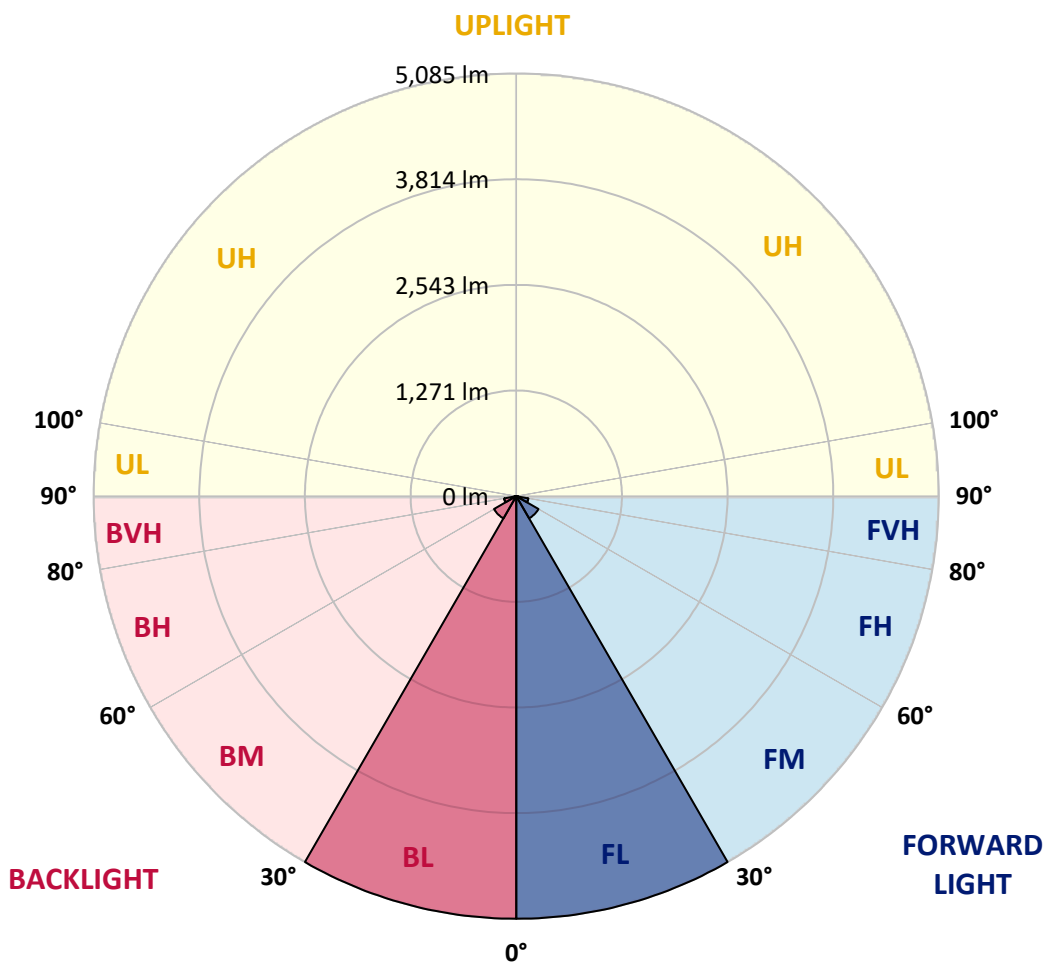
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	5085.0	45.7			
FM (30°-60°)	309.1	2.8			
FH (60°-80°)	148.4	1.3			G0/660
FVH (80°-90°)	20.8	0.2			G1/100
BL (0°-30°)	5085.0	45.7	B5		
BM (30°-60°)	309.1	2.8	B1/1000		
BH (60°-80°)	148.4	1.3	B1/500		G0/660
BVH (80°-90°)	20.8	0.2			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B5-U0-G1**

Type V Short



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	165186.6
1°	162280.8
2°	154141.0
3°	140160.1
4°	120937.2
5°	99262.2
6°	78037.8
7°	59781.3
8°	44618.4
9°	33265.9
10°	24807.8
12.5°	13520.5
15°	8675.2
17.5°	5854.2
20°	3480.5
22.5°	1936.2
25°	1106.8
27.5°	702.0
30°	506.1
32.5°	413.0
35°	367.3
37.5°	341.2
40°	306.9
42.5°	272.6
45°	243.2
47.5°	228.6
50°	218.8
52.5°	212.2
55°	207.3
57.5°	204.1
60°	197.5
62.5°	192.6
65°	182.8
67.5°	169.8
70°	153.5
72.5°	132.2
75°	111.0
77.5°	91.4
80°	73.5
82.5°	57.1
85°	42.4
87.5°	16.3
90°	0.0

(END OF REPORT)