

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: P525860

Luminaire Tested: **IFLD-S-SA3A-930-U-22**

Issue Date: 05/27/2021



**Test Information**

Test Method: LM-79-08  
Report Number: P525860  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 05/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3A-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**

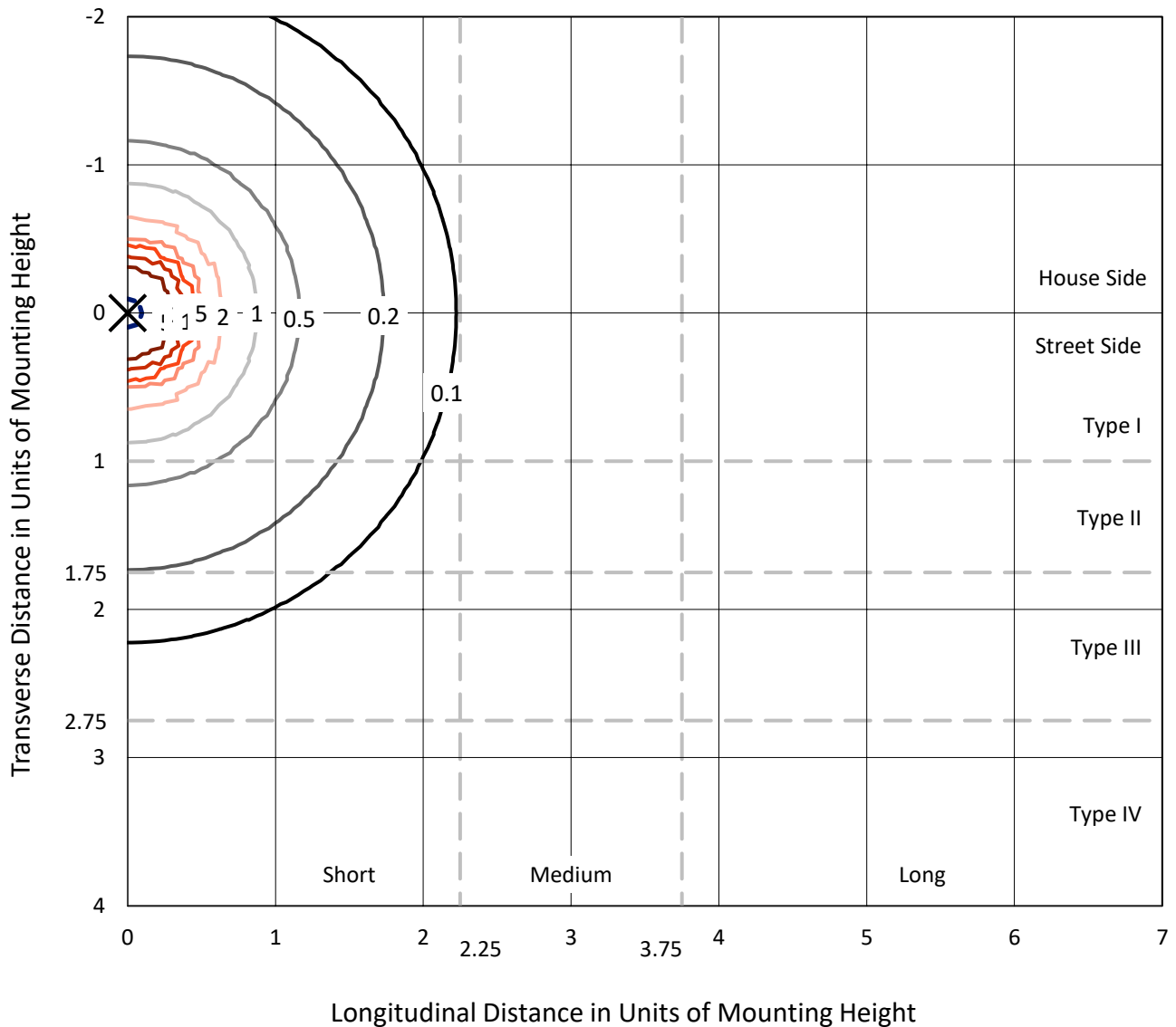
Lumens per Lamp: N/A  
Luminaire Lumens: 8996.7 lumens  
Efficiency: N/A  
Efficacy: 94.9 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B4 - U0 - G1

Input Watts (W): 94.8  
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

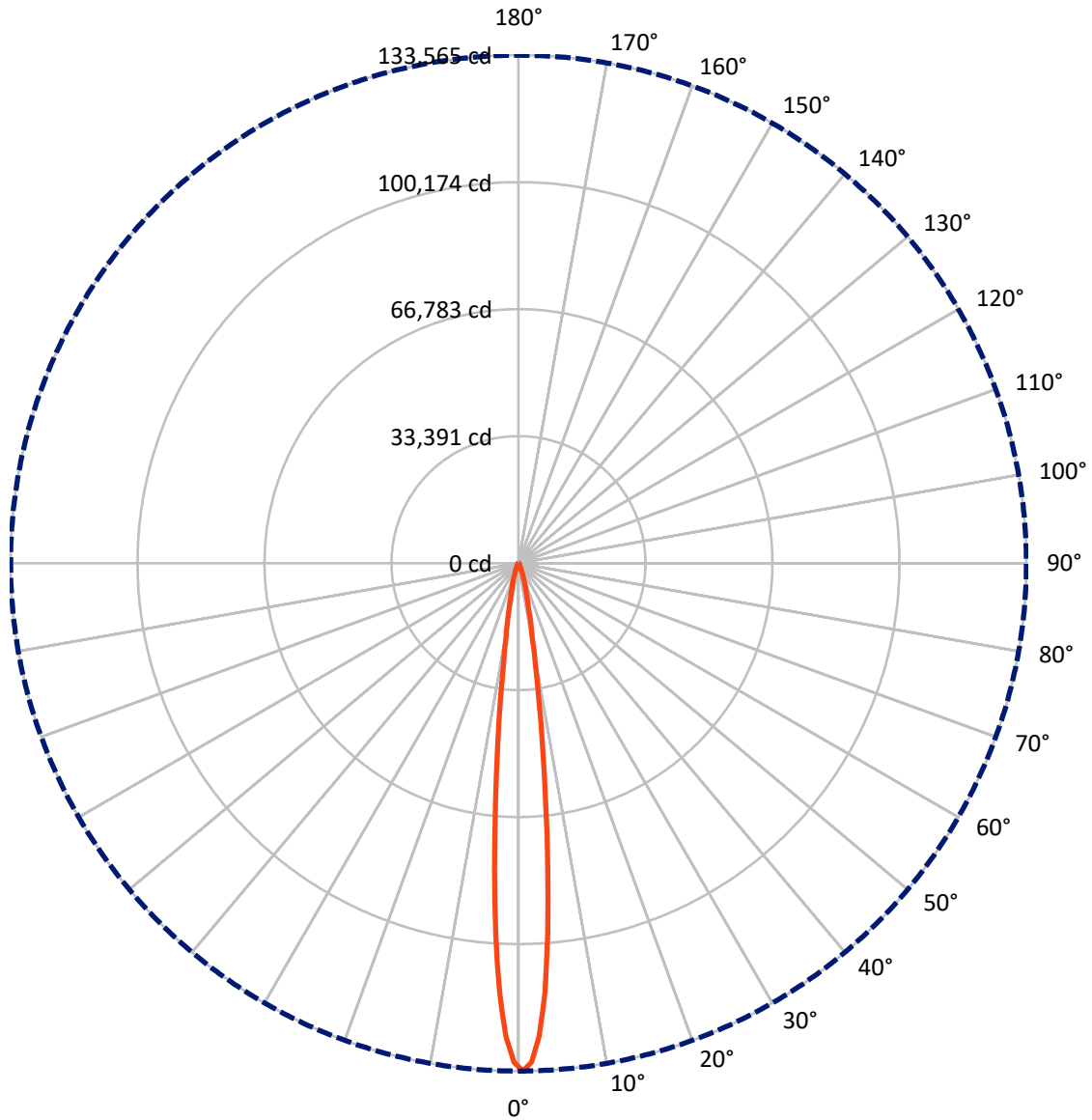
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 1335.6 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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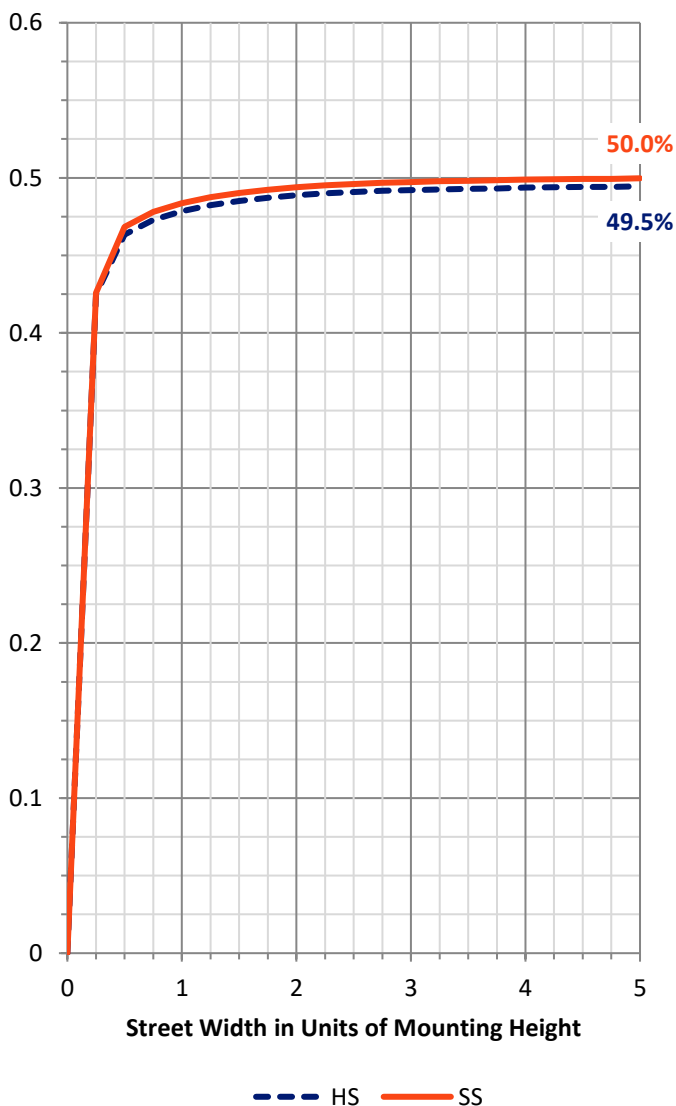
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4498.3	0.0	4498.3
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	4498.3	0.0	4498.3
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	8996.7	0.0	8996.7
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	5520.2	61.4
10°-20°	2196.5	24.4
20°-30°	506.5	5.6
30°-40°	192.3	2.1
40°-50°	156.9	1.7
50°-60°	150.7	1.7
60°-70°	144.4	1.6
70°-80°	95.6	1.1
80°-90°	33.6	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°	8996.7	100.0
0°-180°	8996.7	100.0

**Coefficient of Utilization**



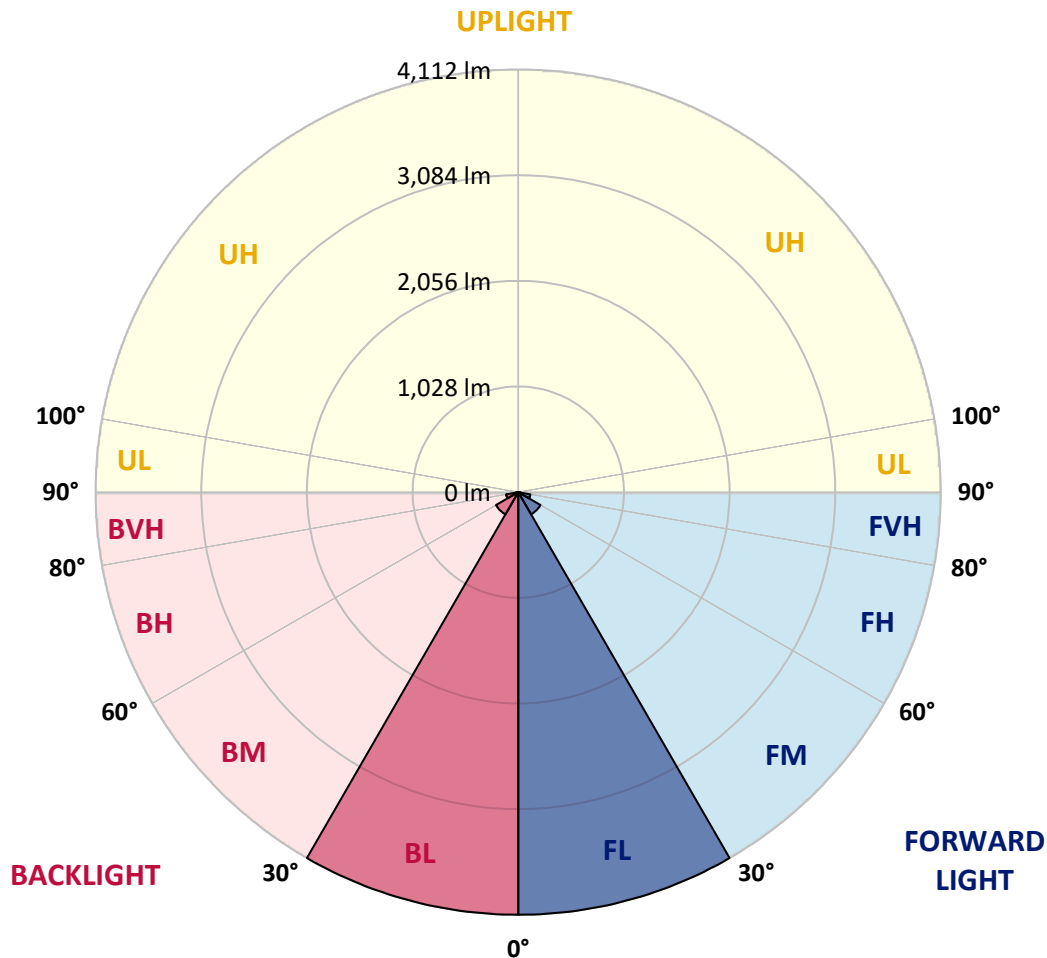
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4111.6	45.7			
FM (30°-60°)	250.0	2.8			
FH (60°-80°)	120.0	1.3			G0/660
FVH (80°-90°)	16.8	0.2			G1/100
BL (0°-30°)	4111.6	45.7	B4/5000		
BM (30°-60°)	250.0	2.8	B1/1000		
BH (60°-80°)	120.0	1.3	B1/500		G0/660
BVH (80°-90°)	16.8	0.2			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G1**

Type V Short



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	133565.0
1°	131215.4
2°	124633.9
3°	113329.3
4°	97786.2
5°	80260.5
6°	63099.0
7°	48337.4
8°	36077.1
9°	26897.8
10°	20058.8
12.5°	10932.3
15°	7014.5
17.5°	4733.5
20°	2814.3
22.5°	1565.5
25°	895.0
27.5°	567.6
30°	409.2
32.5°	334.0
35°	297.0
37.5°	275.9
40°	248.2
42.5°	220.4
45°	196.7
47.5°	184.8
50°	176.9
52.5°	171.6
55°	167.6
57.5°	165.0
60°	159.7
62.5°	155.8
65°	147.8
67.5°	137.3
70°	124.1
72.5°	106.9
75°	89.8
77.5°	73.9
80°	59.4
82.5°	46.2
85°	34.3
87.5°	13.2
90°	0.0

(END OF REPORT)