

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: P525919

Luminaire Tested: **IFLD-M-SA4A-935-U-22**

Issue Date: 05/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P525919  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 05/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-M-SA4A-935-U-22  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 22  
distribution lens  
Light Source: (64) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

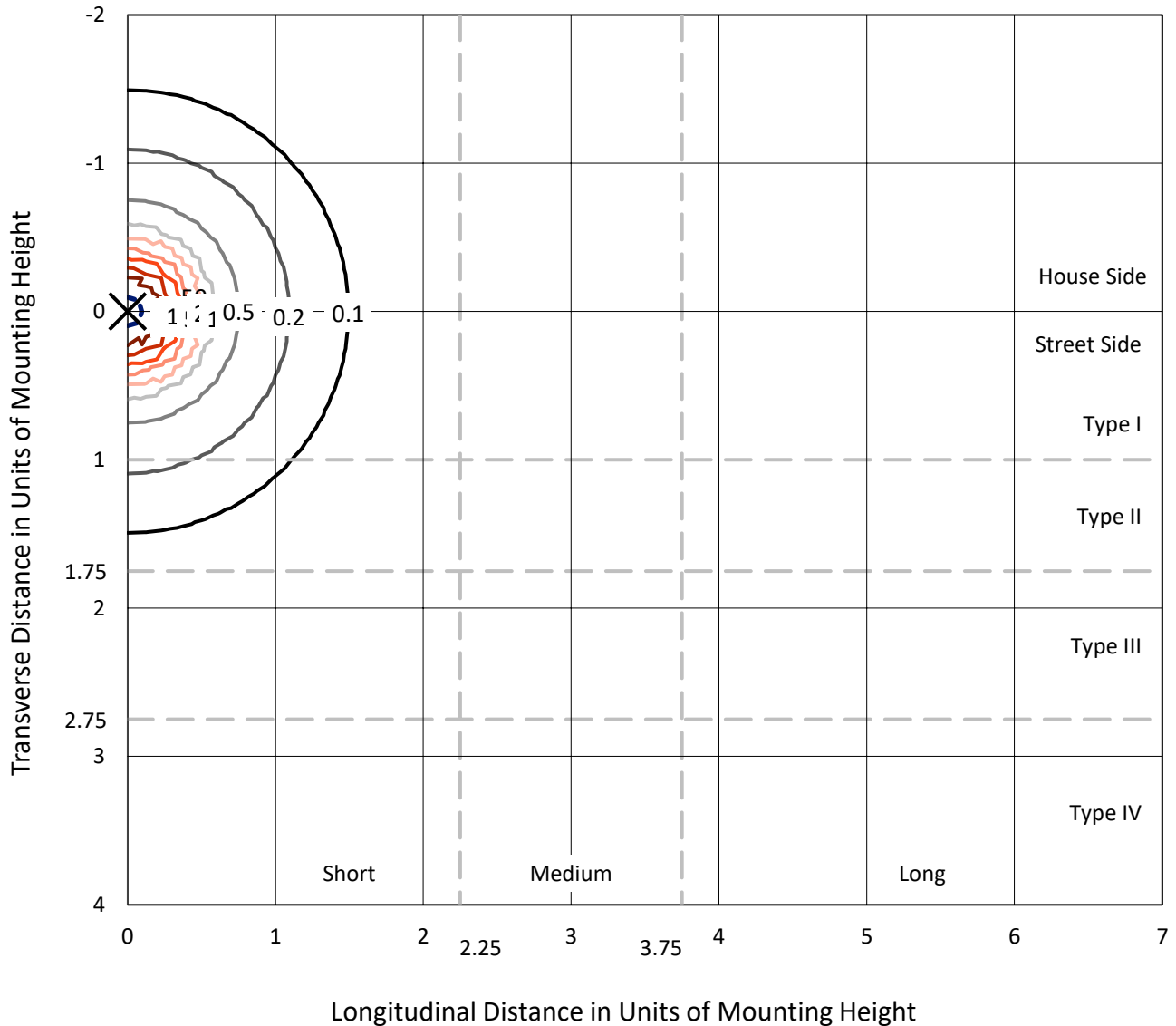
Lumens per Lamp: N/A  
Luminaire Lumens: 12528.5 lumens  
Efficiency: N/A  
Efficacy: 97.4 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B5 - U0 - G1

Input Watts (W): 128.6  
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

REPORT NUMBER: P525919  
 CATALOG NUMBER: IFLD-M-SA4A-935-U-22

### Iso-Footcandle Lines of Horizontal Illumination

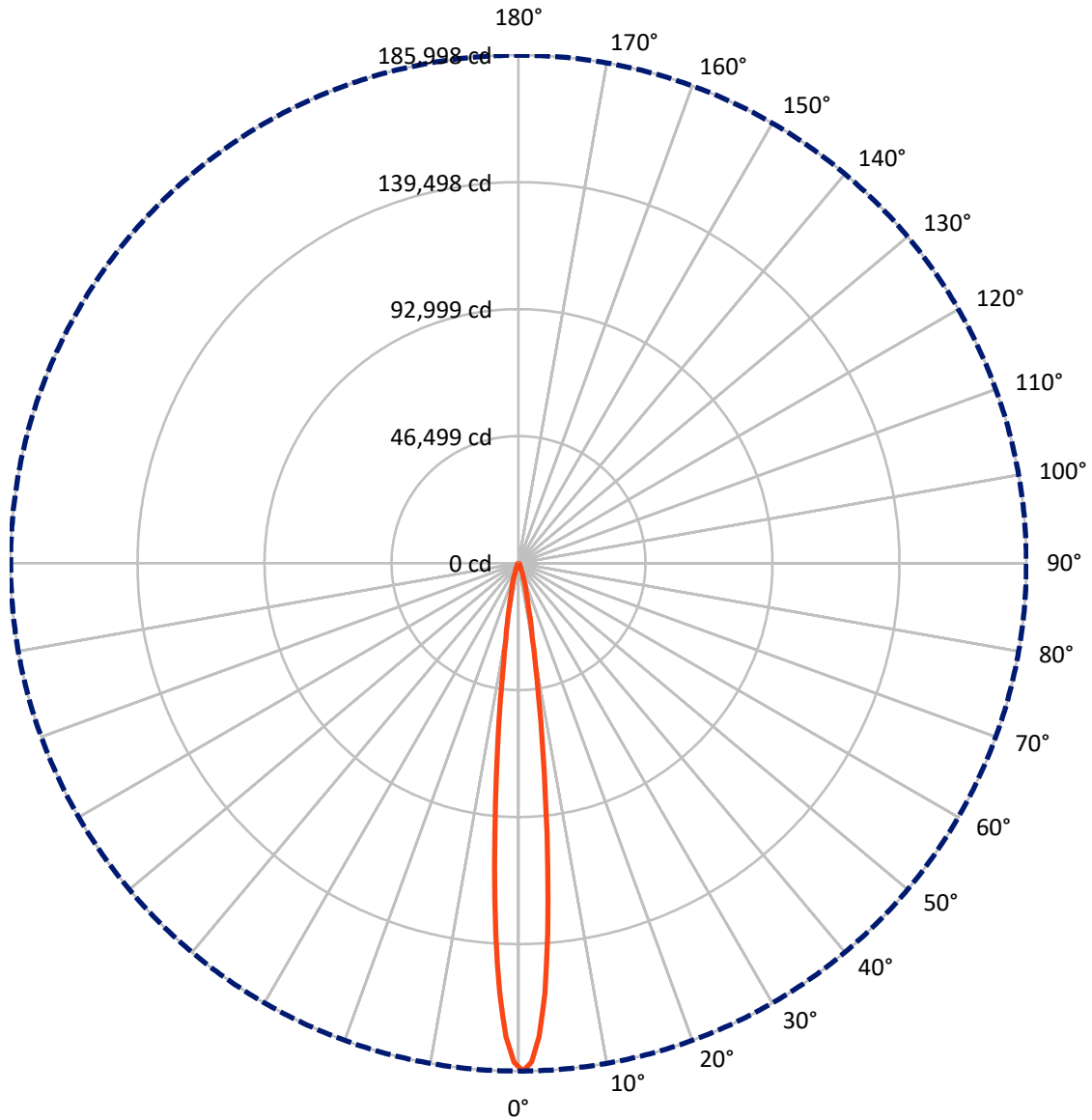
× Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 465 fc  
 Type V - Short - N/A

REPORT NUMBER: P525919  
CATALOG NUMBER: IFLD-M-SA4A-935-U-22

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P525919  
 CATALOG NUMBER: IFLD-M-SA4A-935-U-22

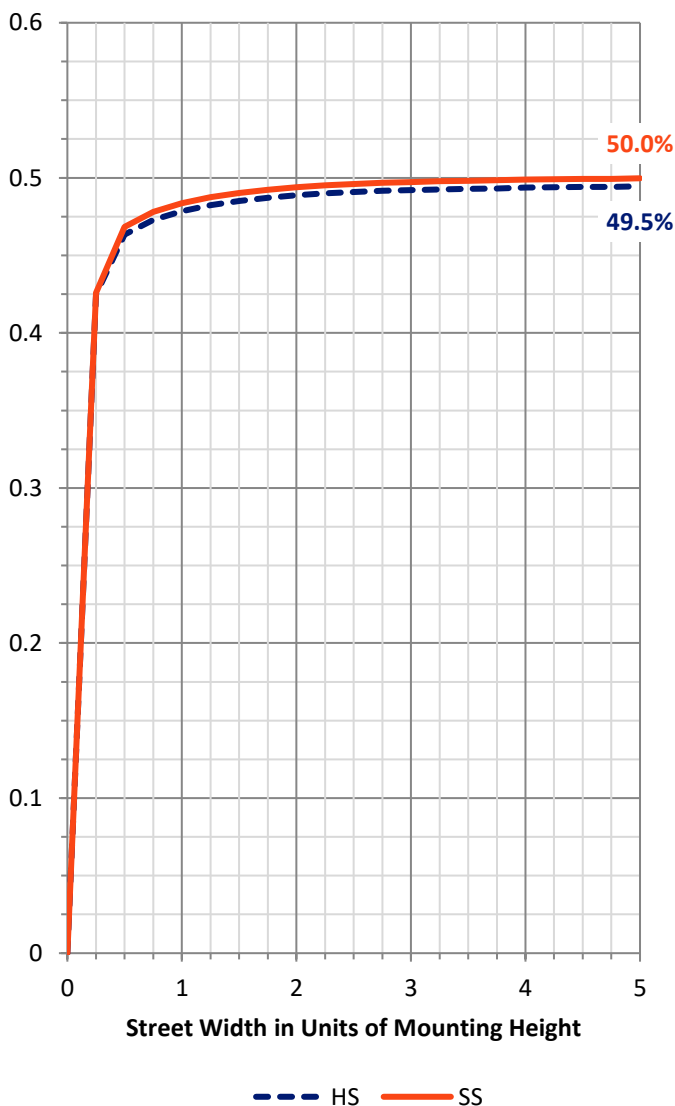
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	6264.2	0.0	6264.2
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	6264.2	0.0	6264.2
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	12528.5	0.0	12528.5
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	7687.2	61.4
10°-20°	3058.8	24.4
20°-30°	705.3	5.6
30°-40°	267.8	2.1
40°-50°	218.5	1.7
50°-60°	209.9	1.7
60°-70°	201.1	1.6
70°-80°	133.1	1.1
80°-90°	46.8	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°	12528.5	100.0
0°-180°	12528.5	100.0

**Coefficient of Utilization**



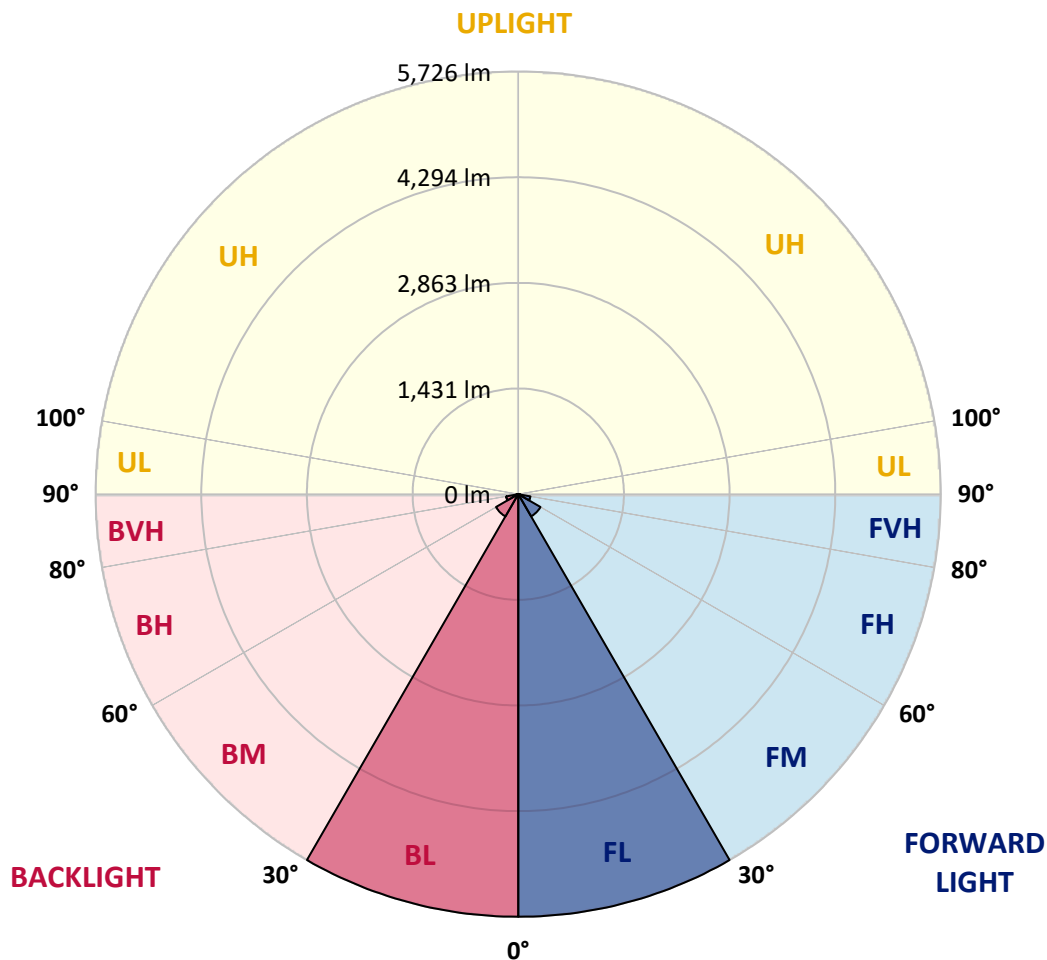
REPORT NUMBER: P525919  
 CATALOG NUMBER: IFLD-M-SA4A-935-U-22

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	5725.7	45.7			
FM (30°-60°)	348.1	2.8			
FH (60°-80°)	167.1	1.3			G0/660
FVH (80°-90°)	23.4	0.2			G1/100
BL (0°-30°)	5725.7	45.7	B5		
BM (30°-60°)	348.1	2.8	B1/1000		
BH (60°-80°)	167.1	1.3	B1/500		G0/660
BVH (80°-90°)	23.4	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



REPORT NUMBER: P525919  
CATALOG NUMBER: IFLD-M-SA4A-935-U-22

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	185997.7
1°	182725.7
2°	173560.4
3°	157818.2
4°	136173.4
5°	111767.7
6°	87869.4
7°	67312.8
8°	50239.7
9°	37456.9
10°	27933.2
12.5°	15223.9
15°	9768.2
17.5°	6591.8
20°	3919.0
22.5°	2180.1
25°	1246.3
27.5°	790.4
30°	569.8
32.5°	465.1
35°	413.6
37.5°	384.2
40°	345.6
42.5°	307.0
45°	273.9
47.5°	257.3
50°	246.3
52.5°	239.0
55°	233.5
57.5°	229.8
60°	222.4
62.5°	216.9
65°	205.9
67.5°	191.2
70°	172.8
72.5°	148.9
75°	125.0
77.5°	102.9
80°	82.7
82.5°	64.3
85°	47.8
87.5°	18.4
90°	0.0

(END OF REPORT)