

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: P525661

Luminaire Tested: **IFLD-S-SA2B-930-U-33**

Issue Date: 05/27/2021



**Test Information**

Test Method: LM-79-08  
Report Number: P525661  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 05/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA2B-930-U-33  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 33 distribution lens  
Light Source: (32) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

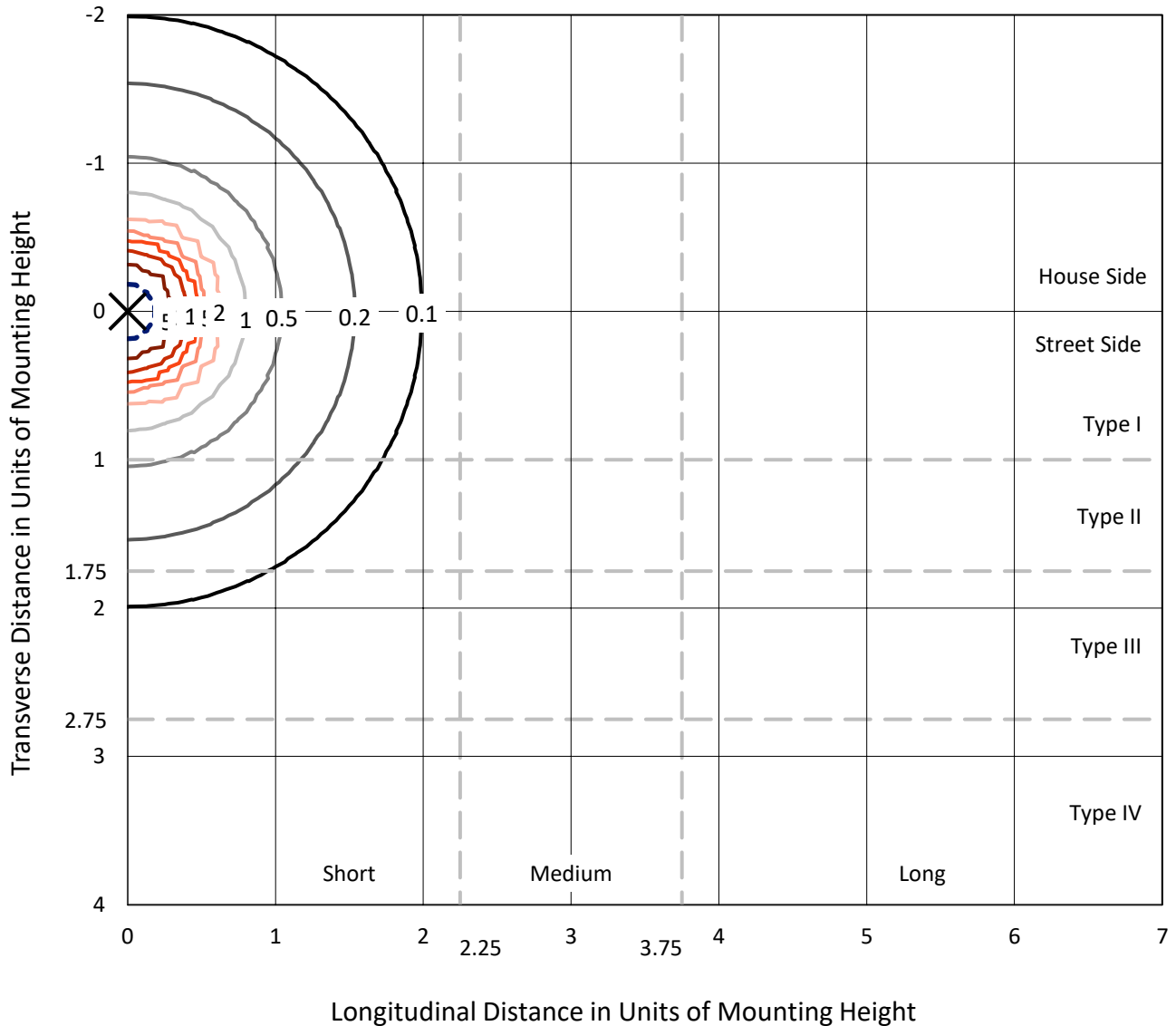
Lumens per Lamp: N/A  
Luminaire Lumens: 7438.5 lumens  
Efficiency: N/A  
Efficacy: 90.3 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B4 - U0 - G1

Input Watts (W): 82.4  
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

REPORT NUMBER: P525661  
 CATALOG NUMBER: IFLD-S-SA2B-930-U-33

### Iso-Footcandle Lines of Horizontal Illumination

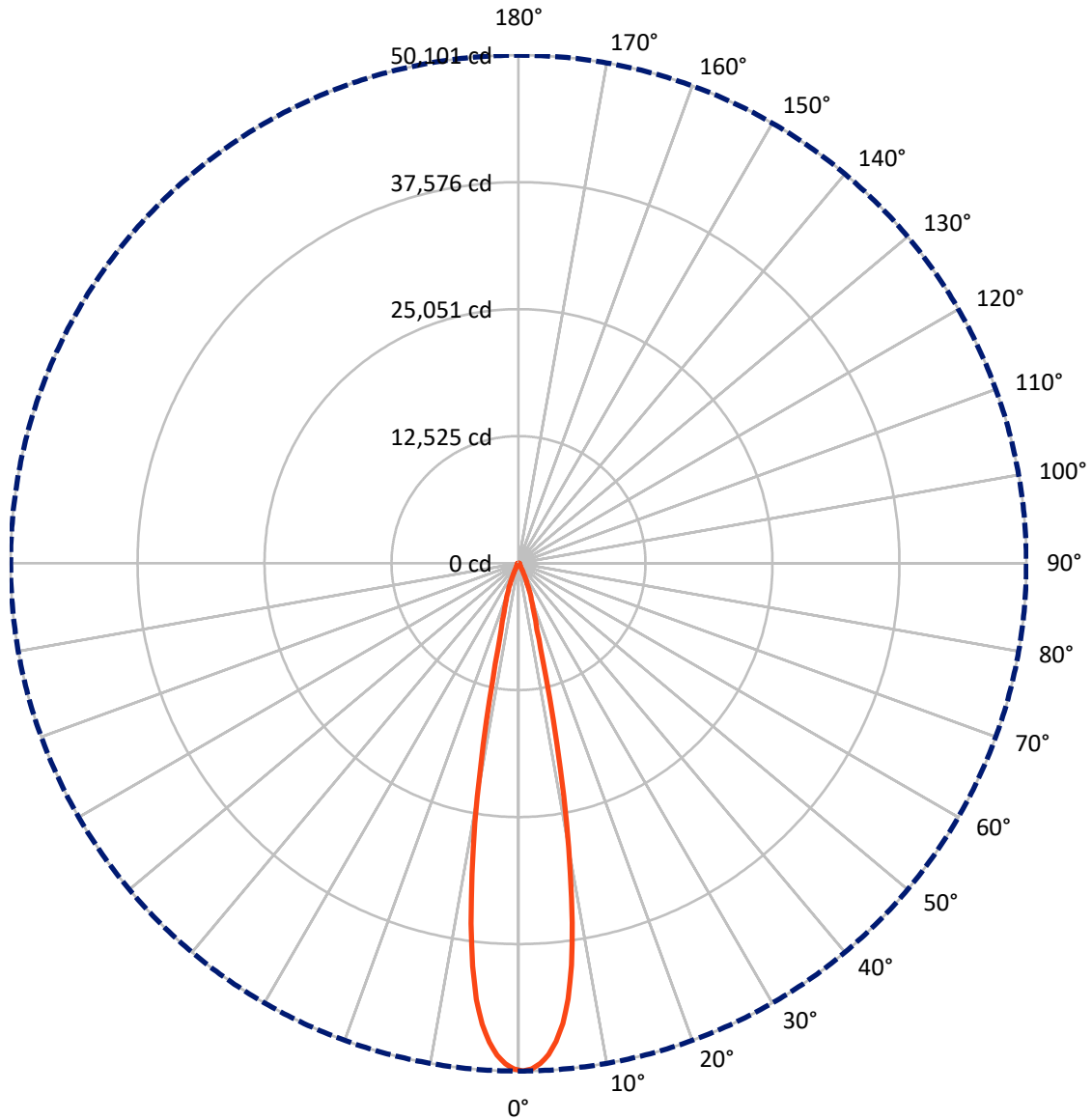
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 501 fc  
 Type V - Short - N/A

REPORT NUMBER: P525661  
CATALOG NUMBER: IFLD-S-SA2B-930-U-33

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P525661

CATALOG NUMBER: IFLD-S-SA2B-930-U-33

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3719.2	0.0	3719.2
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	3719.2	0.0	3719.2
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	7438.5	0.0	7438.5
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	3730.3	50.1
10°-20°	2453.7	33.0
20°-30°	660.0	8.9
30°-40°	164.0	2.2
40°-50°	122.4	1.6
50°-60°	112.5	1.5
60°-70°	103.2	1.4
70°-80°	66.8	0.9
80°-90°	25.7	0.3
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°	7438.5	100.0
0°-180°	7438.5	100.0

**Coefficient of Utilization**



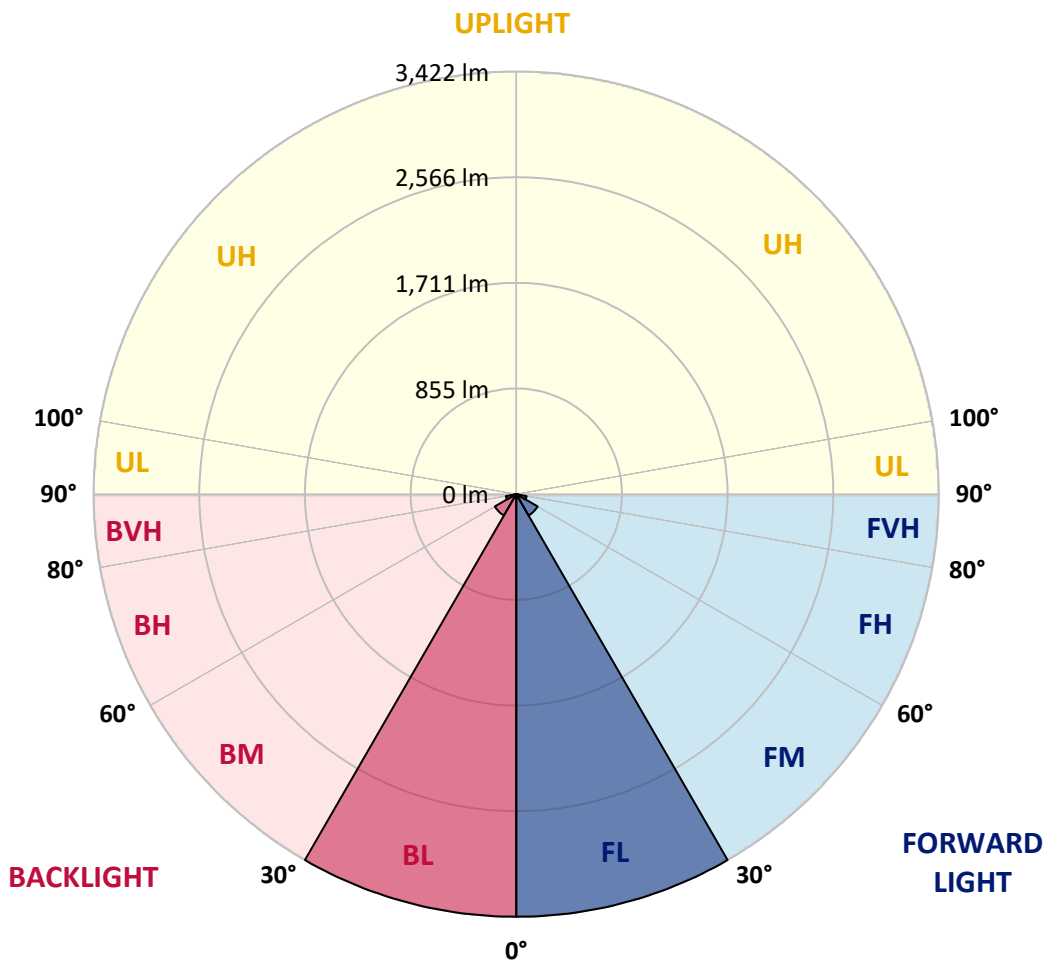
REPORT NUMBER: P525661  
 CATALOG NUMBER: IFLD-S-SA2B-930-U-33

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3422.0	46.0			
FM (30°-60°)	199.5	2.7			
FH (60°-80°)	85.0	1.1			G0/660
FVH (80°-90°)	12.8	0.2			G1/100
BL (0°-30°)	3422.0	46.0	B4/5000		
BM (30°-60°)	199.5	2.7	B0/220		
BH (60°-80°)	85.0	1.1	B0/110		G0/660
BVH (80°-90°)	12.8	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





REPORT NUMBER: P525661  
CATALOG NUMBER: IFLD-S-SA2B-930-U-33

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	50101.2
1°	49905.1
2°	49411.1
3°	48569.9
4°	47344.2
5°	45637.6
6°	43255.3
7°	39994.4
8°	35859.5
9°	30983.0
10°	26037.5
11°	20725.1
12°	15793.8
13°	11670.9
14°	8734.3
15°	6840.4
17.5°	4585.1
20°	3314.5
22.5°	2185.2
25°	1282.7
27.5°	719.6
30°	402.0
32.5°	293.6
35°	248.6
37.5°	219.1
40°	192.8
42.5°	173.1
45°	155.5
47.5°	143.5
50°	133.6
52.5°	128.2
55°	124.9
57.5°	122.7
60°	119.4
62.5°	112.8
65°	105.2
67.5°	96.4
70°	85.4
72.5°	73.4
75°	62.4
77.5°	52.6
80°	43.8
82.5°	35.1
85°	26.3
87.5°	11.0



REPORT NUMBER: P525661  
CATALOG NUMBER: IFLD-S-SA2B-930-U-33

CANDELA DISTRIBUTION (continued):



(END OF REPORT)