

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: P525878

Luminaire Tested: **IFLD-S-SA6D-930-U-22**

Issue Date: 05/27/2021



**Test Information**

Test Method: LM-79-08  
Report Number: P525878  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 05/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA6D-930-U-22  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 22 distribution lens  
Light Source: (96) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

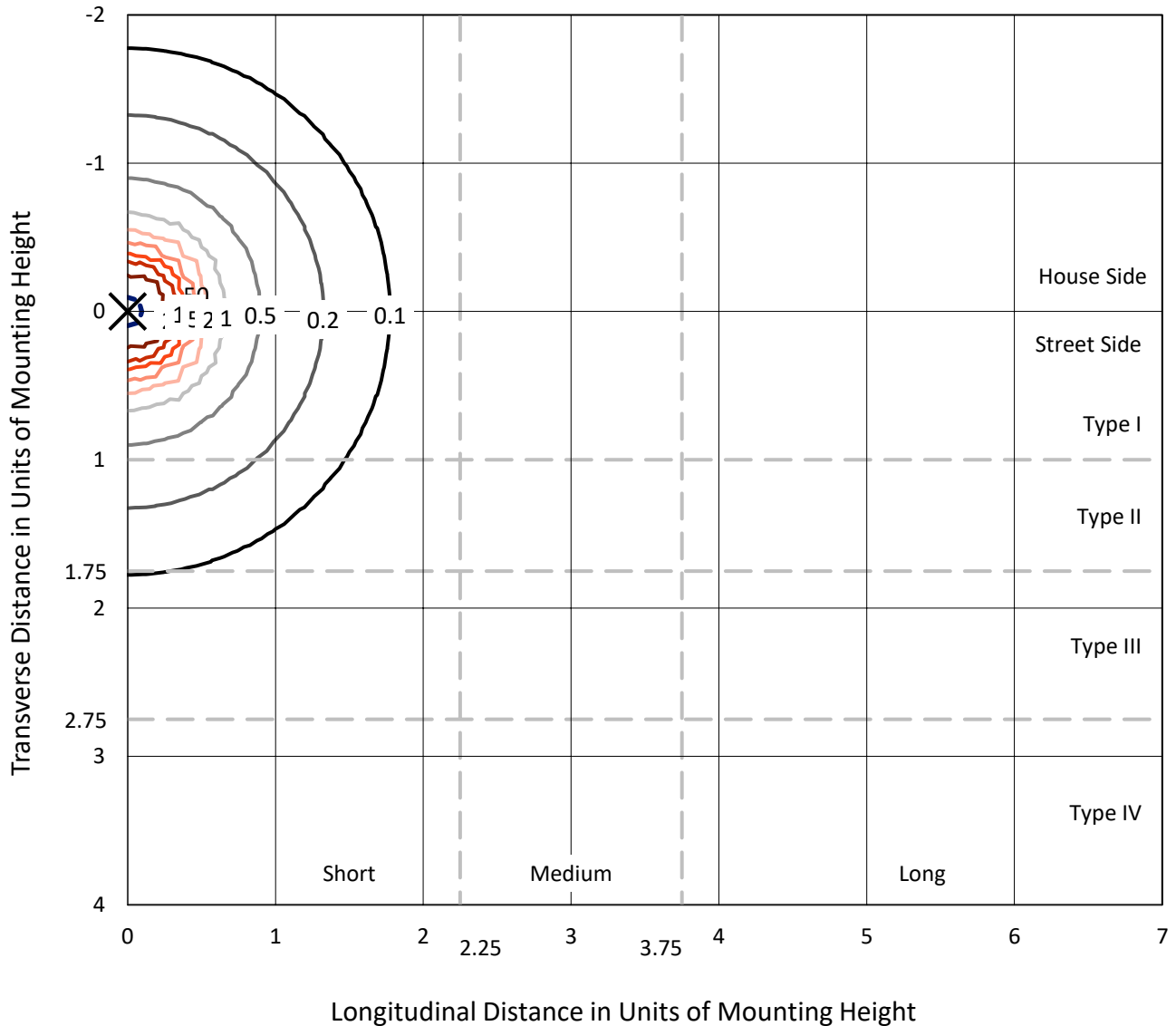
Lumens per Lamp: N/A  
Luminaire Lumens: 29897.5 lumens  
Efficiency: N/A  
Efficacy: 81.2 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B5 - U0 - G1

Input Watts (W): 368.2  
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: P525878  
 CATALOG NUMBER: IFLD-S-SA6D-930-U-22

### Iso-Footcandle Lines of Horizontal Illumination

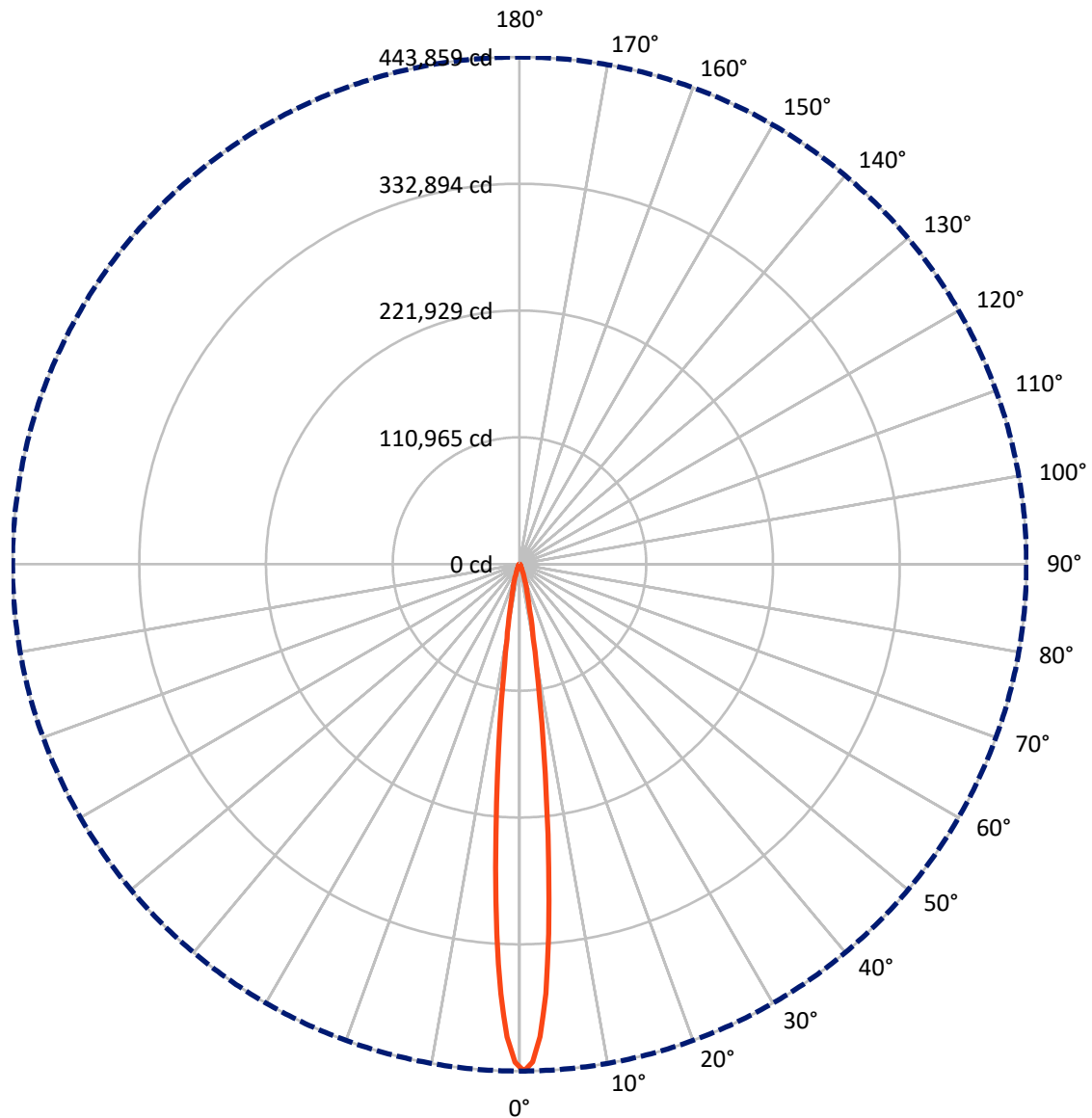
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 710.2 fc  
 Type V - Short - N/A

REPORT NUMBER: P525878  
CATALOG NUMBER: IFLD-S-SA6D-930-U-22

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P525878

CATALOG NUMBER: IFLD-S-SA6D-930-U-22

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	14948.7	0.0	14948.7
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	14948.7	0.0	14948.7
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	29897.5	0.0	29897.5
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	18344.5	61.4
10°-20°	7299.5	24.4
20°-30°	1683.1	5.6
30°-40°	639.0	2.1
40°-50°	521.5	1.7
50°-60°	500.8	1.7
60°-70°	479.8	1.6
70°-80°	317.6	1.1
80°-90°	111.6	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°	29897.5	100.0
0°-180°	29897.5	100.0

**Coefficient of Utilization**



REPORT NUMBER: P525878

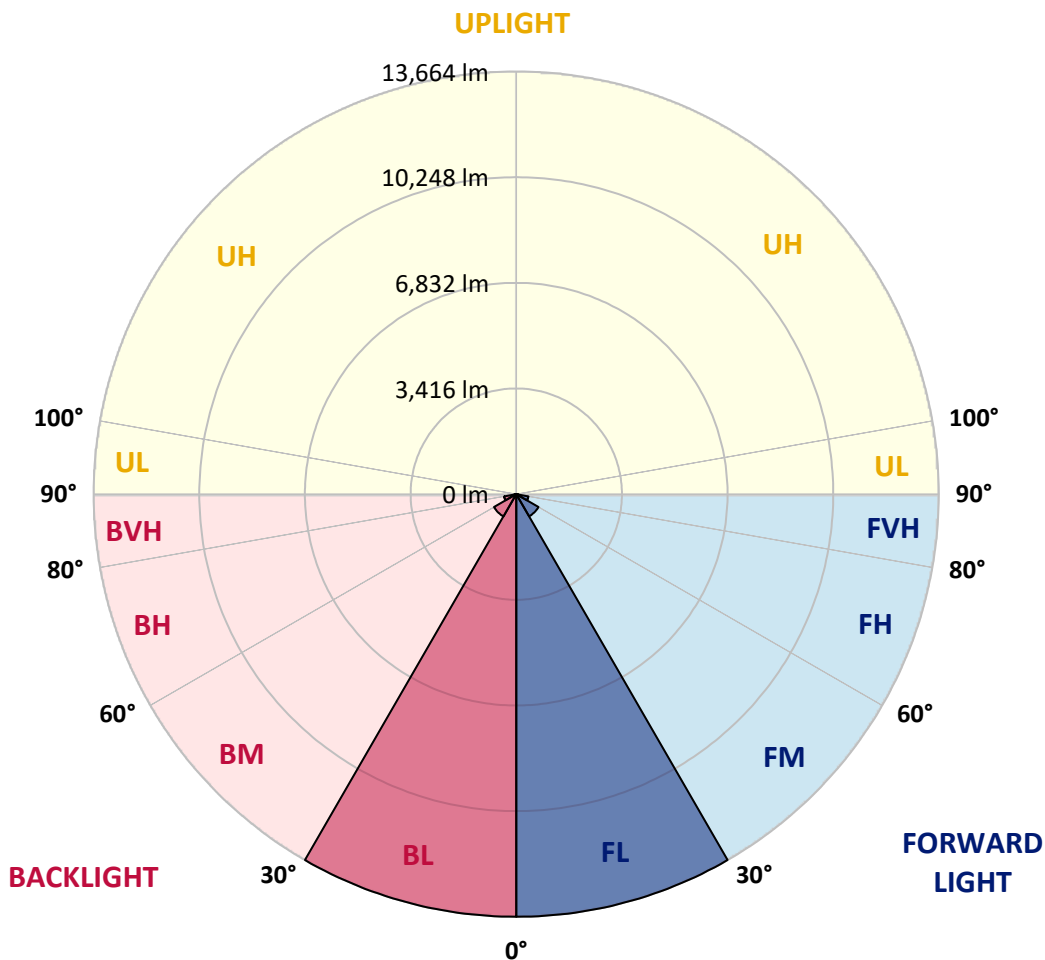
CATALOG NUMBER: IFLD-S-SA6D-930-U-22

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	13663.5	45.7			
FM (30°-60°)	830.7	2.8			
FH (60°-80°)	398.7	1.3			G0/660
FVH (80°-90°)	55.8	0.2			G1/100
BL (0°-30°)	13663.5	45.7	B5		
BM (30°-60°)	830.7	2.8	B1/1000		
BH (60°-80°)	398.7	1.3	B1/500		G0/660
BVH (80°-90°)	55.8	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





REPORT NUMBER: P525878  
CATALOG NUMBER: IFLD-S-SA6D-930-U-22

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	443858.6
1°	436050.4
2°	414178.8
3°	376611.9
4°	324959.7
5°	266718.7
6°	209688.5
7°	160633.1
8°	119890.3
9°	89385.8
10°	66658.8
12.5°	36329.9
15°	23310.4
17.5°	15730.4
20°	9352.2
22.5°	5202.5
25°	2974.1
27.5°	1886.2
30°	1359.8
32.5°	1109.8
35°	987.0
37.5°	916.8
40°	824.7
42.5°	732.6
45°	653.6
47.5°	614.1
50°	587.8
52.5°	570.3
55°	557.1
57.5°	548.3
60°	530.8
62.5°	517.6
65°	491.3
67.5°	456.2
70°	412.3
72.5°	355.3
75°	298.3
77.5°	245.6
80°	197.4
82.5°	153.5
85°	114.1
87.5°	43.9
90°	0.0

(END OF REPORT)