

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: P525887

Luminaire Tested: **IFLD-L-SA7C-930-U-22**

Issue Date: 05/27/2021



Test Information

Test Method: LM-79-08
Report Number: P525887
Test Lab: INNOVATION CENTER(G2)
Issue Date: 05/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7C-930-U-22
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 22 distribution lens
Light Source: (112) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

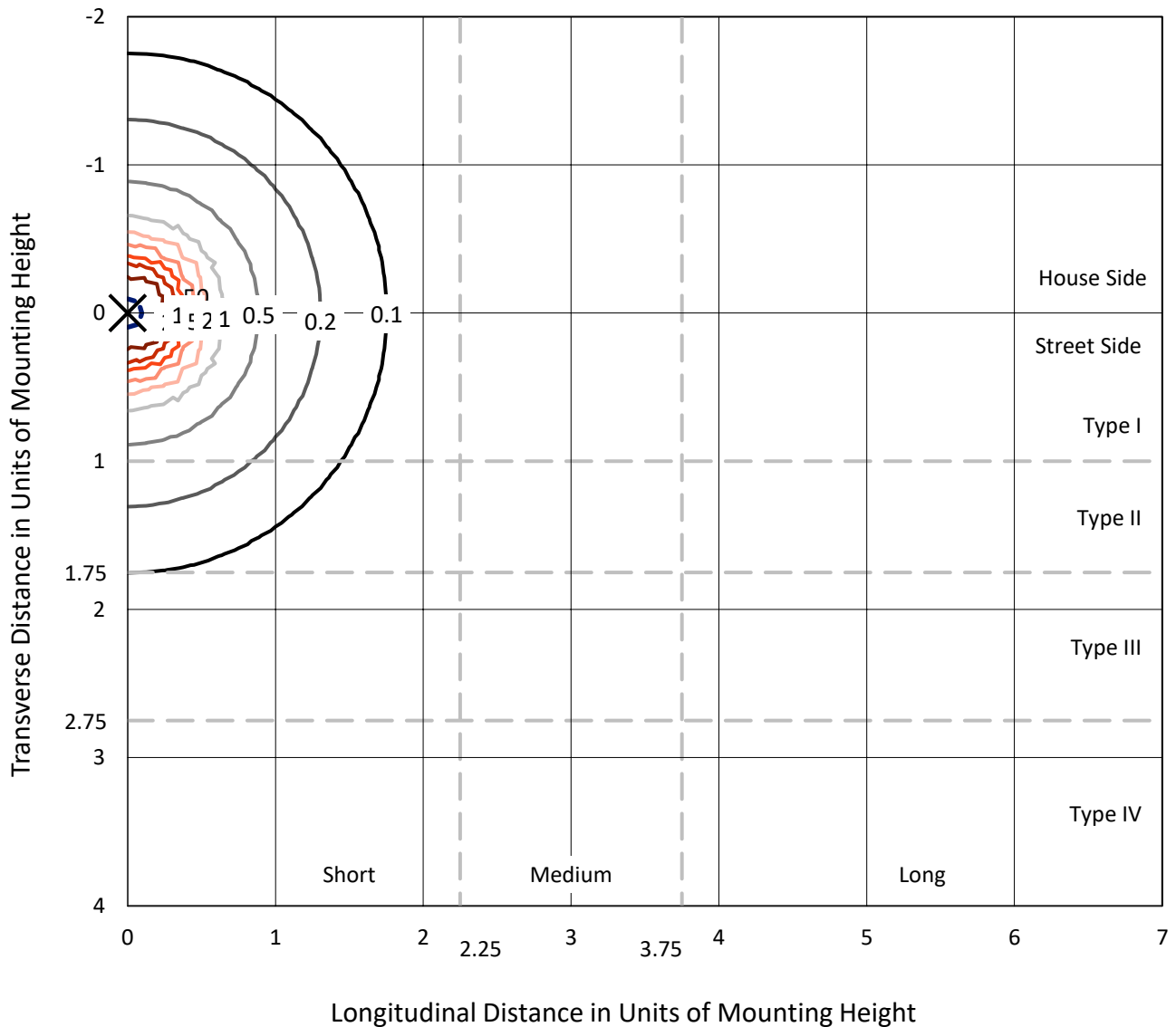
Lumens per Lamp: N/A
Luminaire Lumens: 28987.9 lumens
Efficiency: N/A
Efficacy: 78.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B5 - U0 - G1

Input Watts (W): 369
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: P525887
 CATALOG NUMBER: IFLD-L-SA7C-930-U-22

Iso-Footcandle Lines of Horizontal Illumination

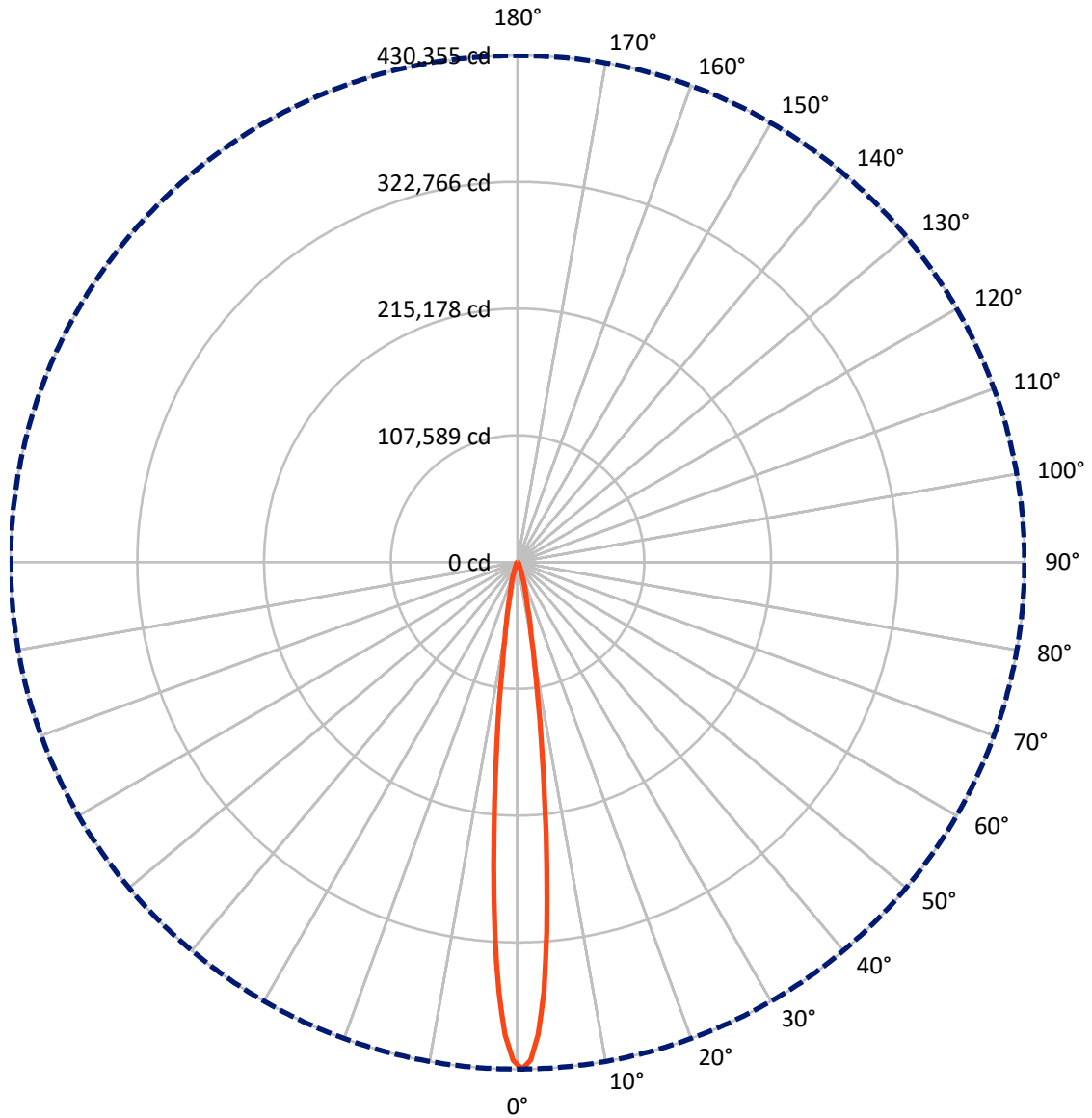
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 688.6 fc
 Type V - Short - N/A

REPORT NUMBER: P525887
CATALOG NUMBER: IFLD-L-SA7C-930-U-22

Luminous Intensity Polar Plot



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

REPORT NUMBER: P525887
 CATALOG NUMBER: IFLD-L-SA7C-930-U-22

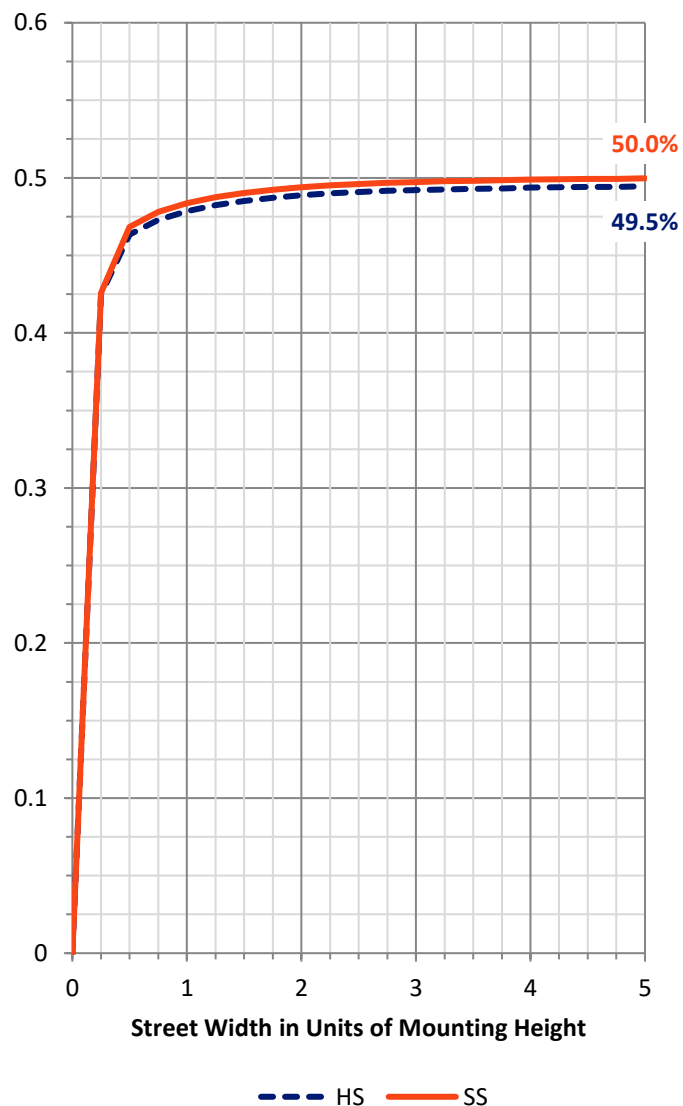
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	14494.0	0.0	14494.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	14494.0	0.0	14494.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	28987.9	0.0	28987.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17786.4	61.4
10°-20°	7077.4	24.4
20°-30°	1631.9	5.6
30°-40°	619.5	2.1
40°-50°	505.6	1.7
50°-60°	485.6	1.7
60°-70°	465.3	1.6
70°-80°	308.0	1.1
80°-90°	108.2	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°	28987.9	100.0
0°-180°	28987.9	100.0

Coefficient of Utilization



REPORT NUMBER: P525887

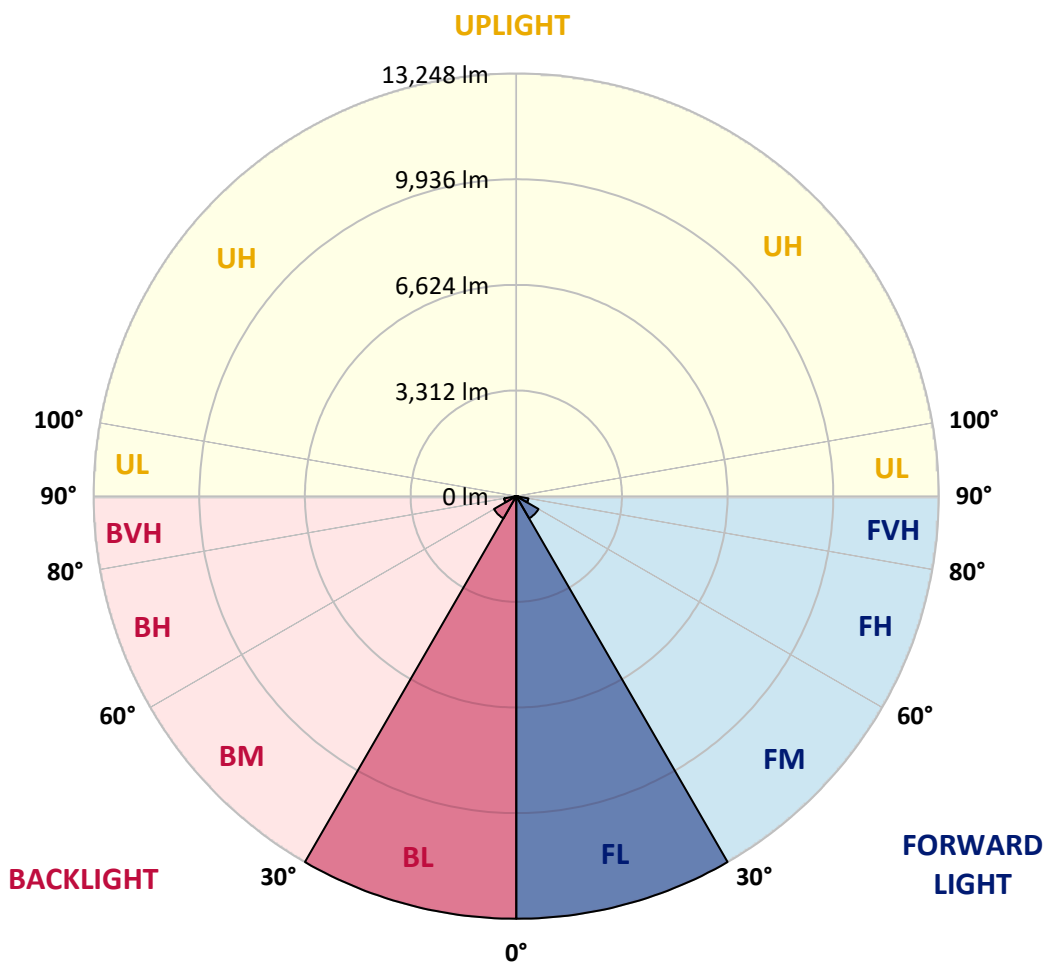
CATALOG NUMBER: IFLD-L-SA7C-930-U-22

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	13247.9	45.7			
FM (30°-60°)	805.4	2.8			
FH (60°-80°)	386.6	1.3			G0/660
FVH (80°-90°)	54.1	0.2			G1/100
BL (0°-30°)	13247.9	45.7	B5		
BM (30°-60°)	805.4	2.8	B1/1000		
BH (60°-80°)	386.6	1.3	B1/500		G0/660
BVH (80°-90°)	54.1	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: P525887
CATALOG NUMBER: IFLD-L-SA7C-930-U-22

CANDELA DISTRIBUTION (FULL):

	0°
0°	430355.2
1°	422784.6
2°	401578.4
3°	365154.4
4°	315073.5
5°	258604.4
6°	203309.2
7°	155746.2
8°	116242.9
9°	86666.5
10°	64630.9
12.5°	35224.6
15°	22601.2
17.5°	15251.8
20°	9067.7
22.5°	5044.2
25°	2883.6
27.5°	1828.9
30°	1318.5
32.5°	1076.0
35°	957.0
37.5°	888.9
40°	799.6
42.5°	710.3
45°	633.7
47.5°	595.4
50°	569.9
52.5°	552.9
55°	540.2
57.5°	531.6
60°	514.6
62.5°	501.9
65°	476.4
67.5°	442.3
70°	399.8
72.5°	344.5
75°	289.2
77.5°	238.2
80°	191.4
82.5°	148.9
85°	110.6
87.5°	42.5
90°	0.0

(END OF REPORT)