

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: P525499

Luminaire Tested: **IFLD-L-SA7E-930-U-44**

Issue Date: 05/27/2021



Test Information

Test Method: LM-79-08
Report Number: P525499
Test Lab: INNOVATION CENTER(G2)
Issue Date: 05/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7E-930-U-44
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 44 distribution lens
Light Source: (112) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

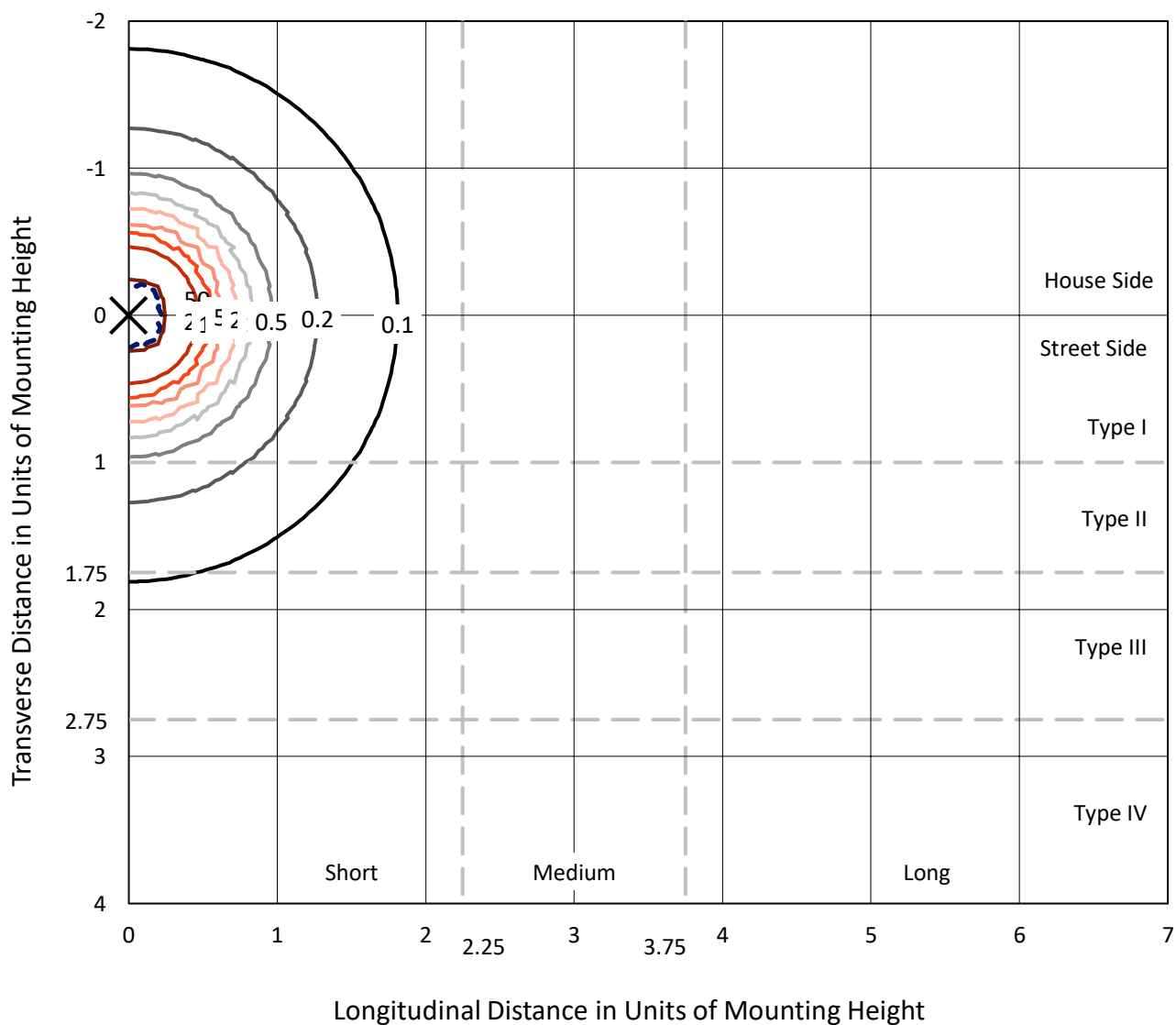
Lumens per Lamp: N/A
Luminaire Lumens: 37142.4 lumens
Efficiency: N/A
Efficacy: 69.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B5 - U0 - G1

Input Watts (W): 532.7
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: P525499
 CATALOG NUMBER: IFLD-L-SA7E-930-U-44

Iso-Footcandle Lines of Horizontal Illumination

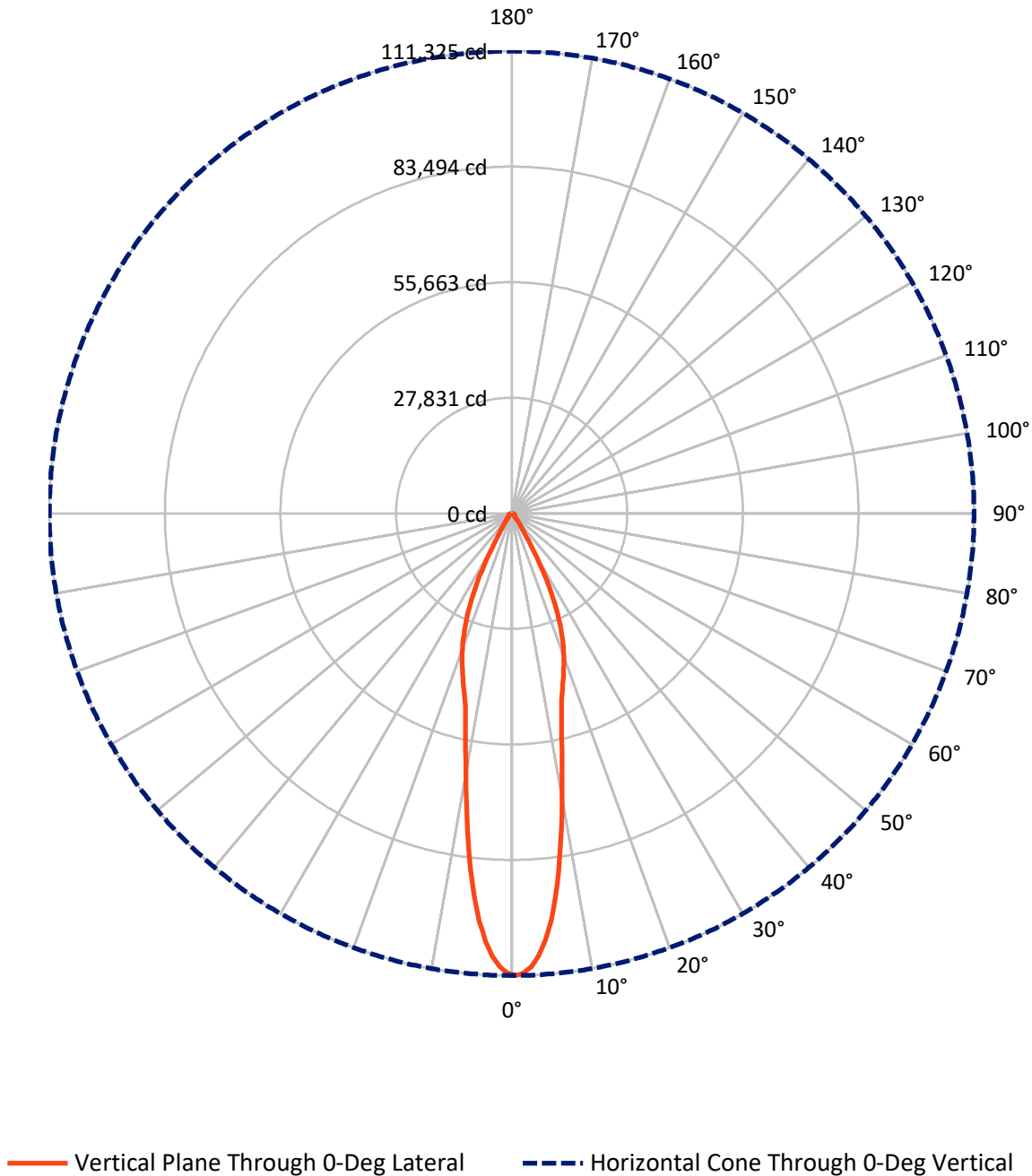
✕ Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 123.7 fc
 Type V - Short - N/A

REPORT NUMBER: P525499
CATALOG NUMBER: IFLD-L-SA7E-930-U-44

Luminous Intensity Polar Plot



REPORT NUMBER: P525499

CATALOG NUMBER: IFLD-L-SA7E-930-U-44

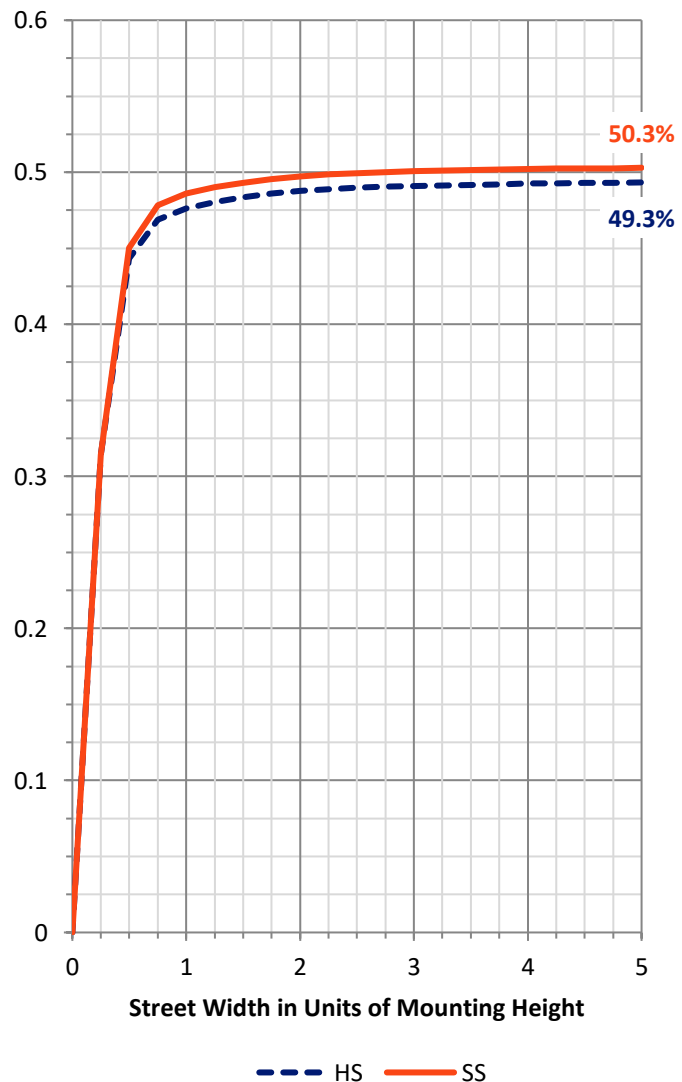
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	18571.2	0.0	18571.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	18571.2	0.0	18571.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	37142.4	0.0	37142.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8333.5	22.4
10°-20°	12996.6	35.0
20°-30°	10531.6	28.4
30°-40°	2556.0	6.9
40°-50°	860.2	2.3
50°-60°	679.8	1.8
60°-70°	678.0	1.8
70°-80°	374.2	1.0
80°-90°	132.6	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°	37142.4	100.0
0°-180°	37142.4	100.0

Coefficient of Utilization



REPORT NUMBER: P525499

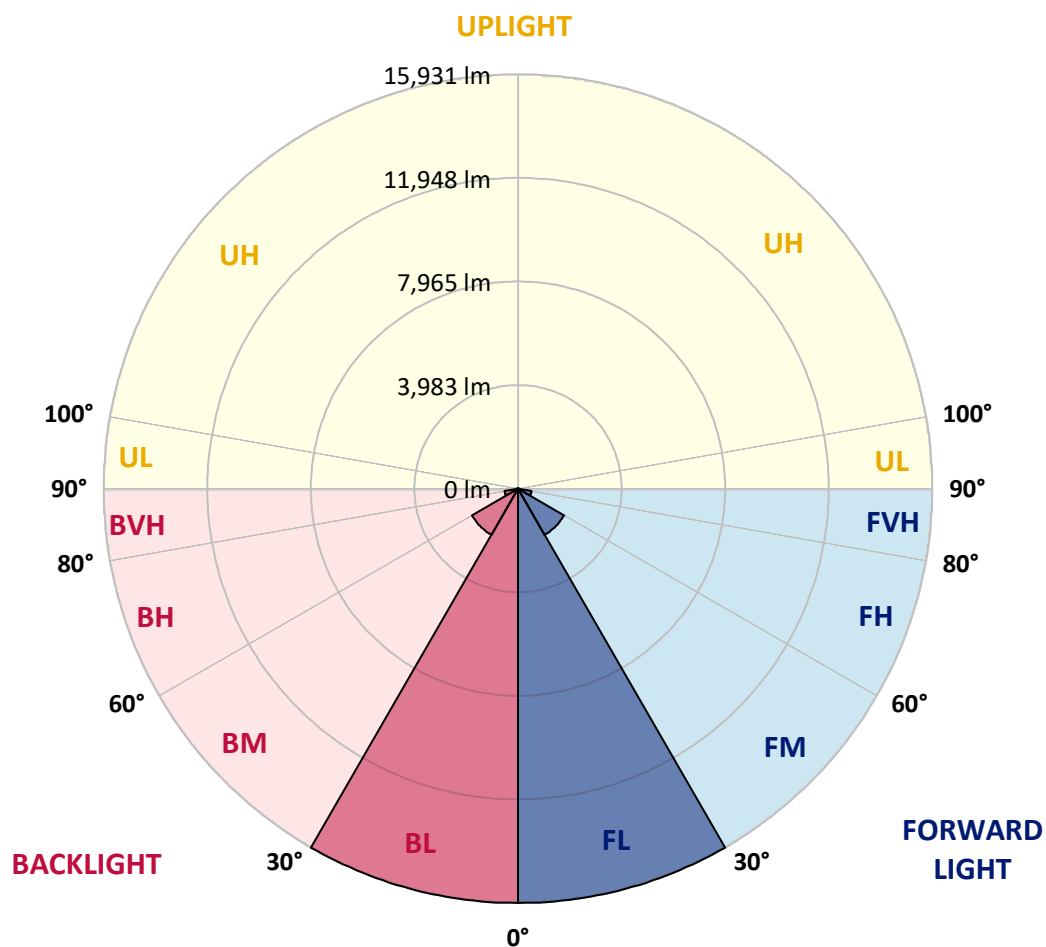
CATALOG NUMBER: IFLD-L-SA7E-930-U-44

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	15930.8	42.9			
FM	(30°-60°)	2048.0	5.5			
FH	(60°-80°)	526.1	1.4			G0/660
FVH	(80°-90°)	66.3	0.2			G1/100
BL	(0°-30°)	15930.8	42.9	B5		
BM	(30°-60°)	2048.0	5.5	B2/2500		
BH	(60°-80°)	526.1	1.4	B2/1000		G0/660
BVH	(80°-90°)	66.3	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: P525499
CATALOG NUMBER: IFLD-L-SA7E-930-U-44

CANDELA DISTRIBUTION (FULL):

0°	
0°	111325.3
1°	110745.8
2°	109256.5
3°	106786.9
4°	103239.7
5°	98663.4
6°	93058.1
7°	86792.1
8°	79990.0
9°	73144.6
10°	66597.0
11°	60704.7
12°	55543.5
13°	51303.0
14°	47923.6
15°	45264.5
17.5°	40341.6
20°	35759.9
22.5°	30393.0
25°	24159.5
27.5°	17054.1
30°	9266.3
32.5°	5329.1
35°	3558.1
37.5°	2426.2
40°	1727.6
42.5°	1337.7
45°	1045.2
47.5°	855.7
50°	785.3
52.5°	747.4
55°	731.1
57.5°	758.2
60°	801.5
62.5°	785.3
65°	698.6
67.5°	601.1
70°	509.1
72.5°	422.4
75°	346.6
77.5°	281.6
80°	227.5
82.5°	184.1
85°	140.8
87.5°	48.7



REPORT NUMBER: P525499
CATALOG NUMBER: IFLD-L-SA7E-930-U-44

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)