

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: P525720

Luminaire Tested: **IFLD-S-SA6B-935-U-33**

Issue Date: 05/27/2021



Test Information

Test Method: LM-79-08
Report Number: P525720
Test Lab: INNOVATION CENTER(G2)
Issue Date: 05/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6B-935-U-33
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 33 distribution lens
Light Source: (96) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

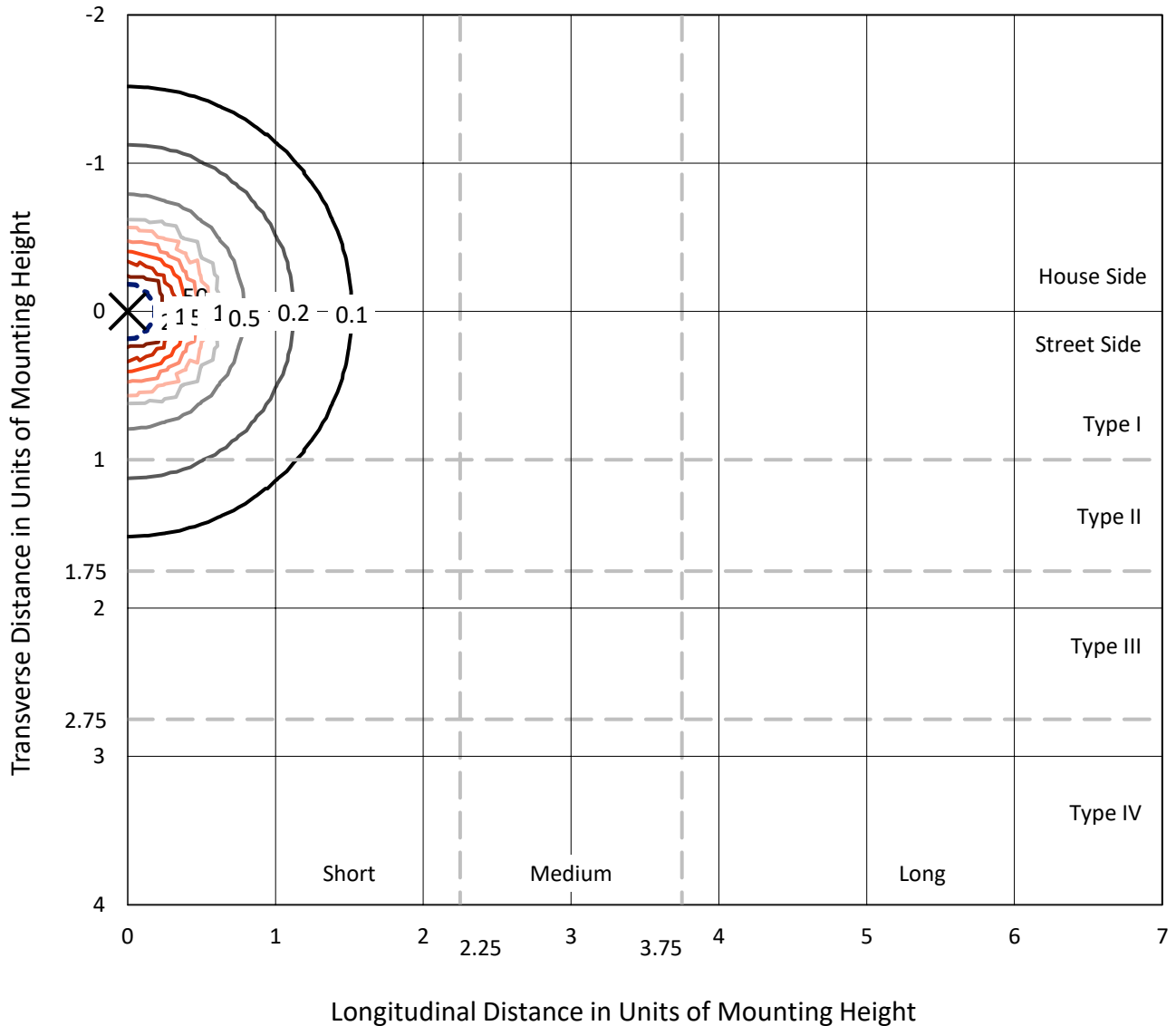
Lumens per Lamp: N/A
Luminaire Lumens: 22561.4 lumens
Efficiency: N/A
Efficacy: 92.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B5 - U0 - G1

Input Watts (W): 244.9
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: P525720
 CATALOG NUMBER: IFLD-S-SA6B-935-U-33

Iso-Footcandle Lines of Horizontal Illumination

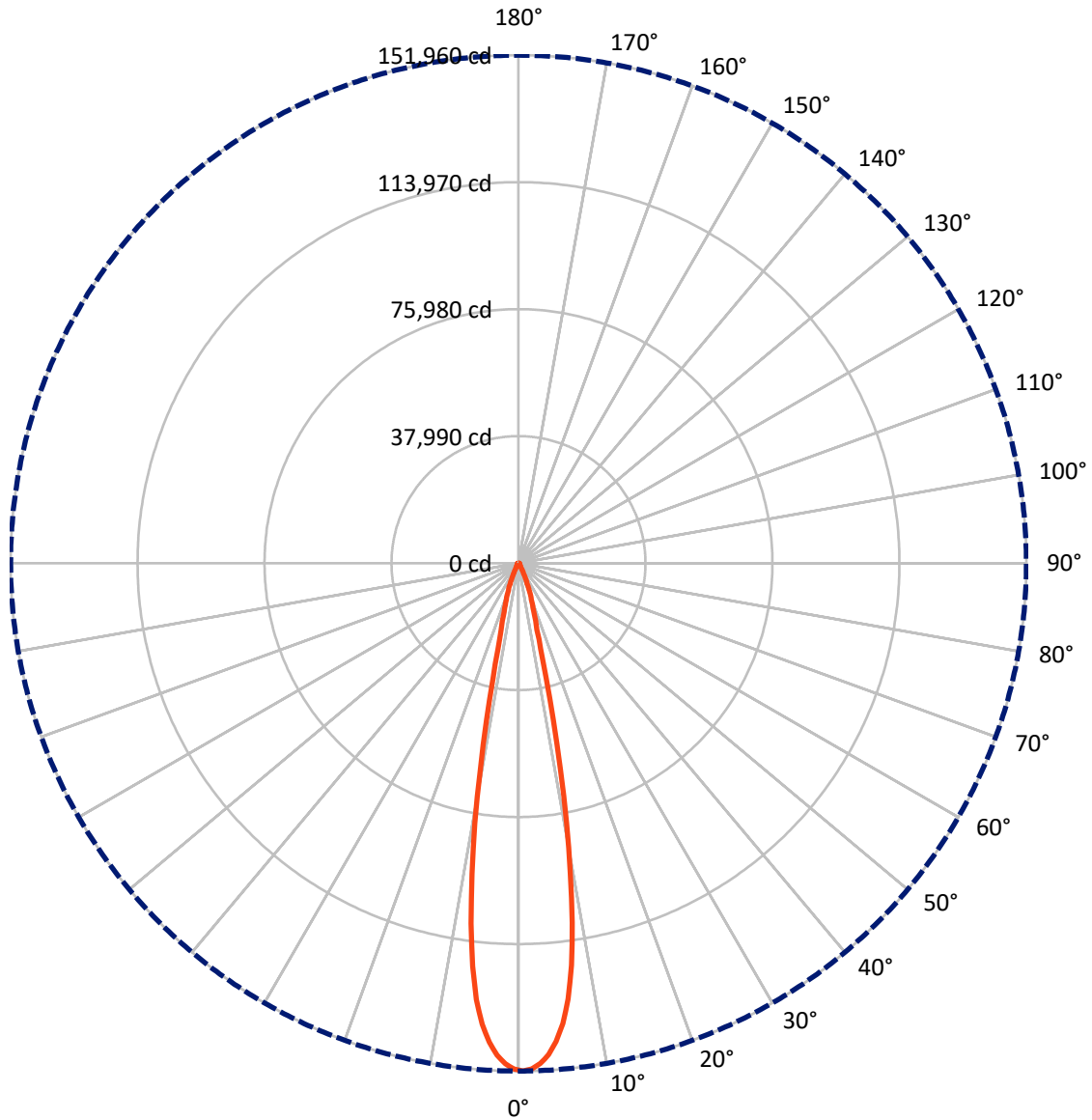
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 243.1 fc
 Type V - Short - N/A

REPORT NUMBER: P525720
CATALOG NUMBER: IFLD-S-SA6B-935-U-33

Luminous Intensity Polar Plot



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

REPORT NUMBER: P525720
 CATALOG NUMBER: IFLD-S-SA6B-935-U-33

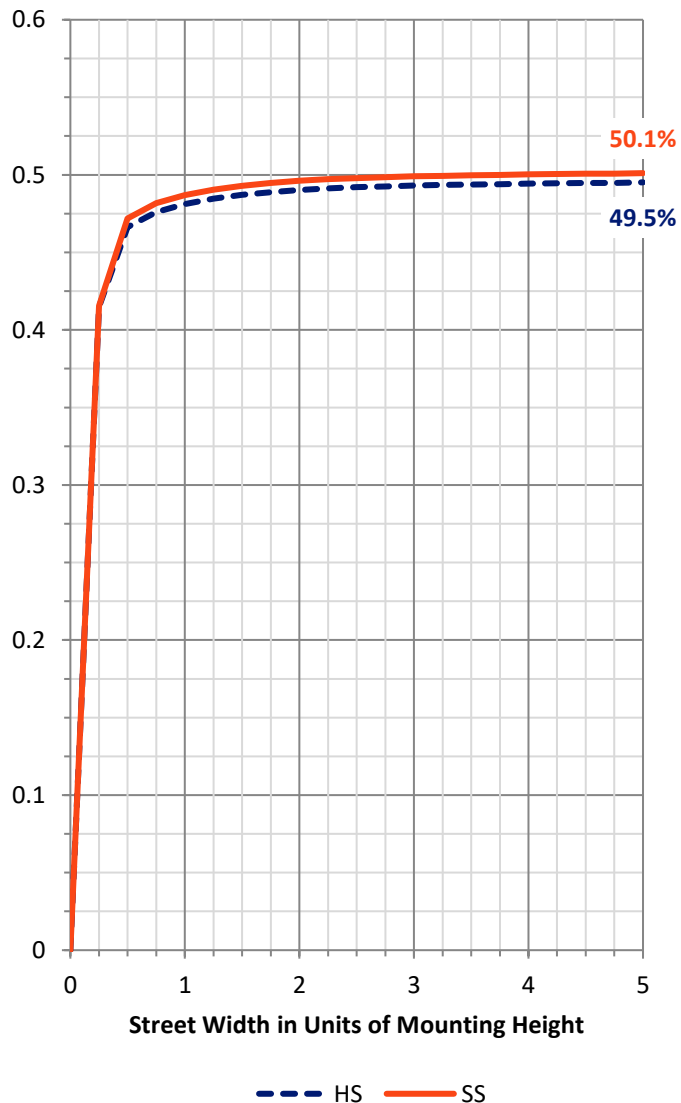
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11280.7	0.0	11280.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	11280.7	0.0	11280.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	22561.4	0.0	22561.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11314.2	50.1
10°-20°	7442.2	33.0
20°-30°	2001.8	8.9
30°-40°	497.4	2.2
40°-50°	371.2	1.6
50°-60°	341.3	1.5
60°-70°	313.1	1.4
70°-80°	202.5	0.9
80°-90°	77.7	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°	22561.4	100.0
0°-180°	22561.4	100.0

Coefficient of Utilization



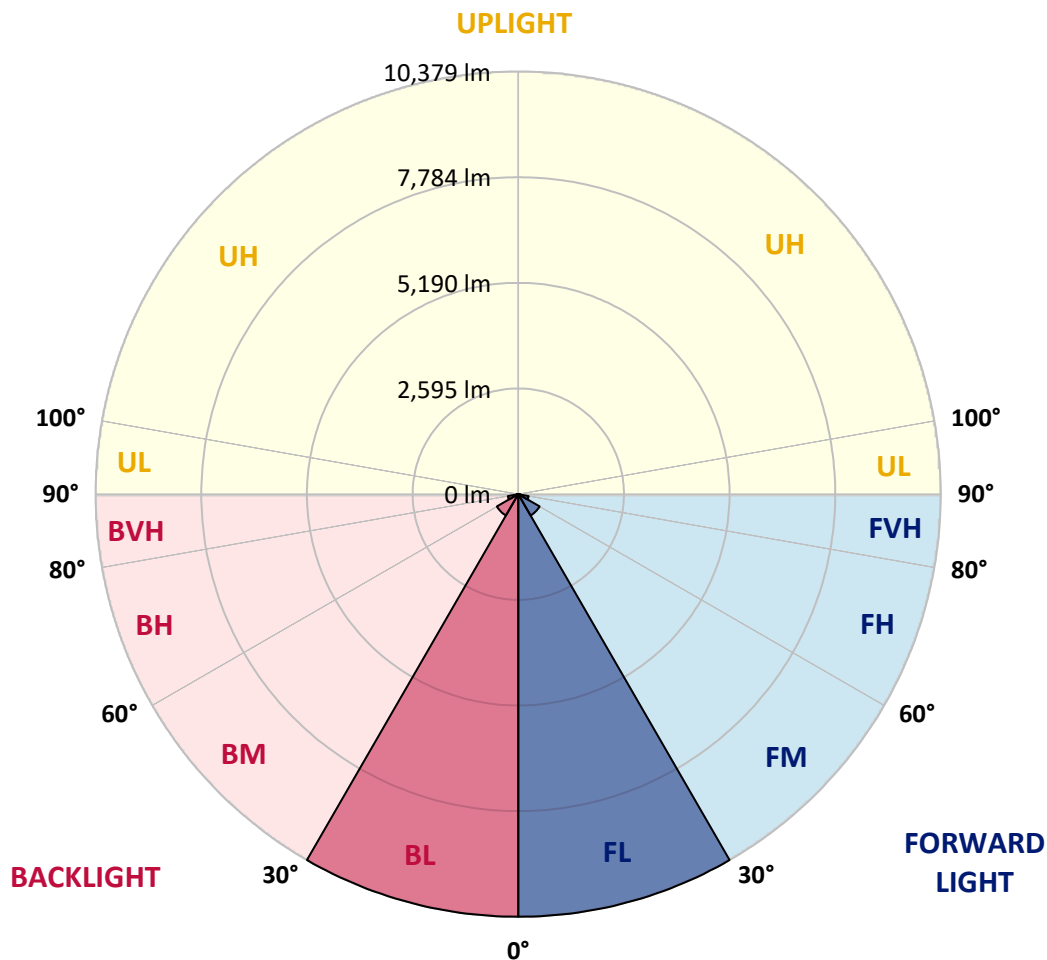
REPORT NUMBER: P525720
 CATALOG NUMBER: IFLD-S-SA6B-935-U-33

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	10379.1	46.0			
FM (30°-60°)	604.9	2.7			
FH (60°-80°)	257.8	1.1			G0/660
FVH (80°-90°)	38.9	0.2			G1/100
BL (0°-30°)	10379.1	46.0	B5		
BM (30°-60°)	604.9	2.7	B1/1000		
BH (60°-80°)	257.8	1.1	B1/500		G0/660
BVH (80°-90°)	38.9	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: P525720
CATALOG NUMBER: IFLD-S-SA6B-935-U-33

CANDELA DISTRIBUTION (FULL):

	0°
0°	151960.4
1°	151365.7
2°	149867.4
3°	147315.9
4°	143598.3
5°	138422.2
6°	131196.2
7°	121305.9
8°	108764.3
9°	93973.6
10°	78973.6
11°	62860.6
12°	47903.7
13°	35398.7
14°	26491.7
15°	20747.5
17.5°	13907.0
20°	10053.2
22.5°	6627.9
25°	3890.4
27.5°	2182.7
30°	1219.3
32.5°	890.4
35°	754.2
37.5°	664.5
40°	584.7
42.5°	524.9
45°	471.8
47.5°	435.2
50°	405.3
52.5°	388.7
55°	378.7
57.5°	372.1
60°	362.1
62.5°	342.2
65°	318.9
67.5°	292.4
70°	259.1
72.5°	222.6
75°	189.4
77.5°	159.5
80°	132.9
82.5°	106.3
85°	79.7
87.5°	33.2



REPORT NUMBER: P525720
CATALOG NUMBER: IFLD-S-SA6B-935-U-33

CANDELA DISTRIBUTION (continued):



(END OF REPORT)