

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: P525879

Luminaire Tested: **IFLD-S-SA6E-930-U-22**

Issue Date: 05/27/2021



Test Information

Test Method: LM-79-08
Report Number: P525879
Test Lab: INNOVATION CENTER(G2)
Issue Date: 05/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6E-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

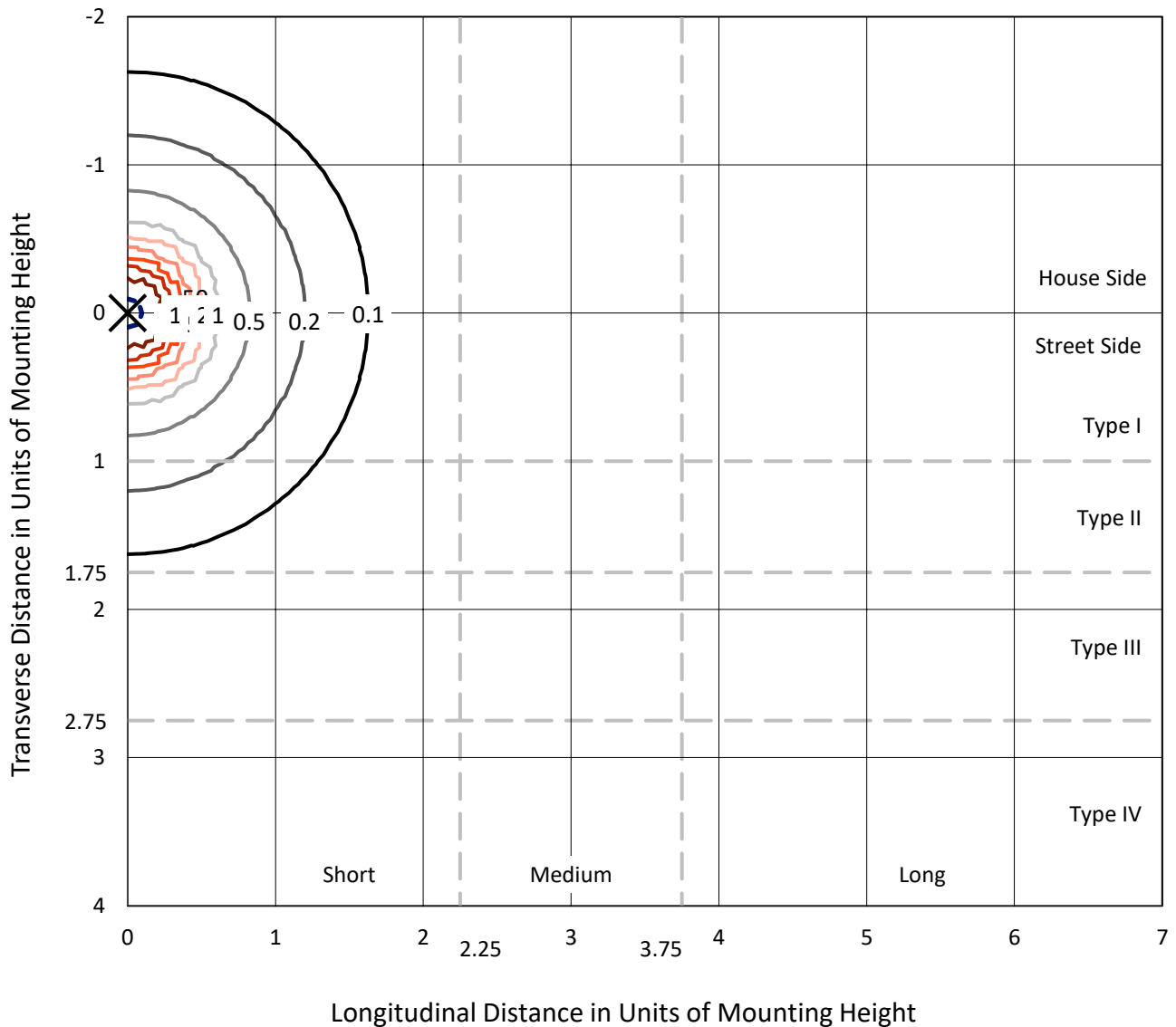
Lumens per Lamp: N/A
Luminaire Lumens: 34599.8 lumens
Efficiency: N/A
Efficacy: 74.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B5 - U0 - G1

Input Watts (W): 464.2
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: P525879
 CATALOG NUMBER: IFLD-S-SA6E-930-U-22

Iso-Footcandle Lines of Horizontal Illumination

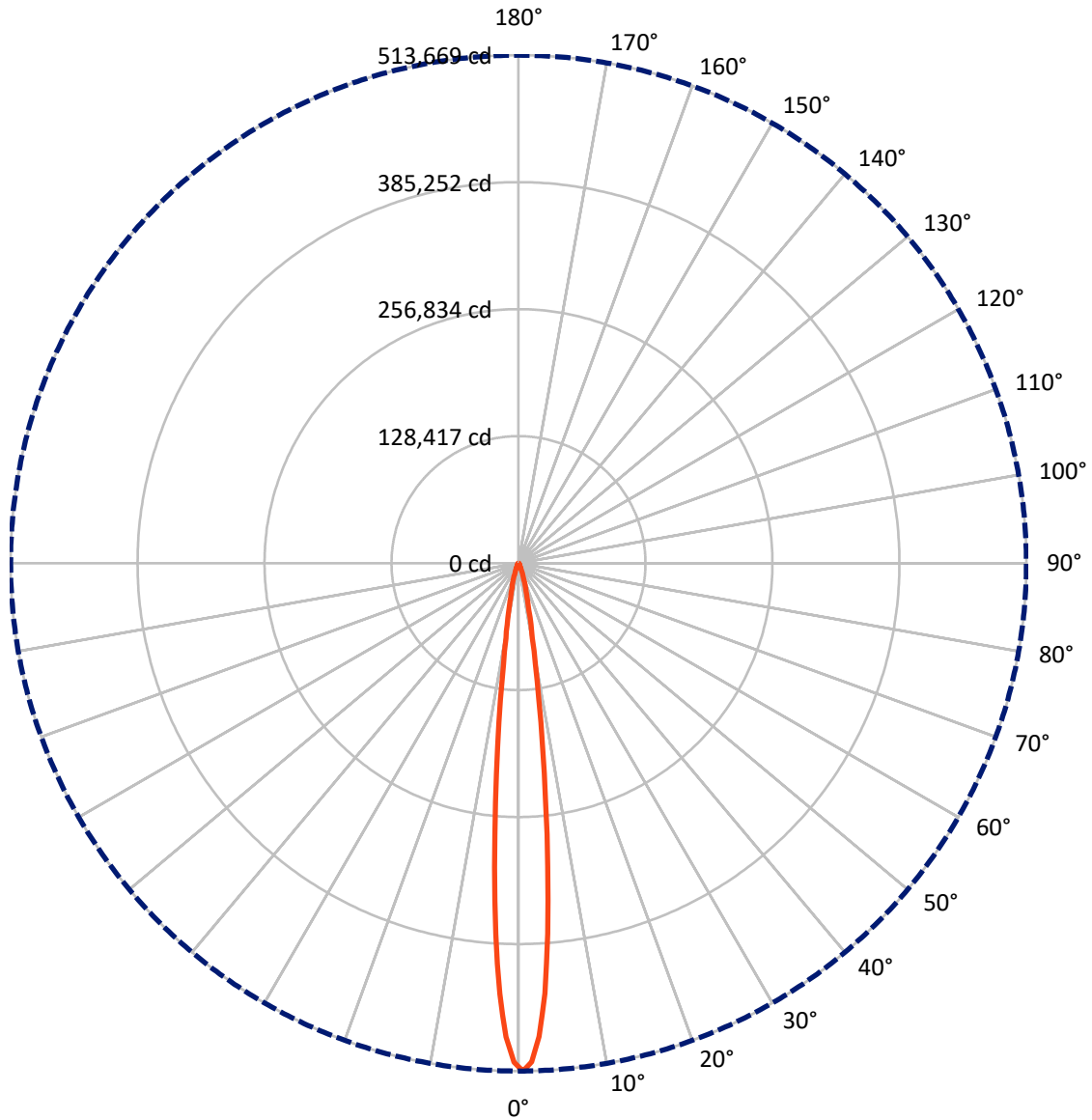
✕ Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 570.7 fc
 Type V - Short - N/A

REPORT NUMBER: P525879
CATALOG NUMBER: IFLD-S-SA6E-930-U-22

Luminous Intensity Polar Plot



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

REPORT NUMBER: P525879

CATALOG NUMBER: IFLD-S-SA6E-930-U-22

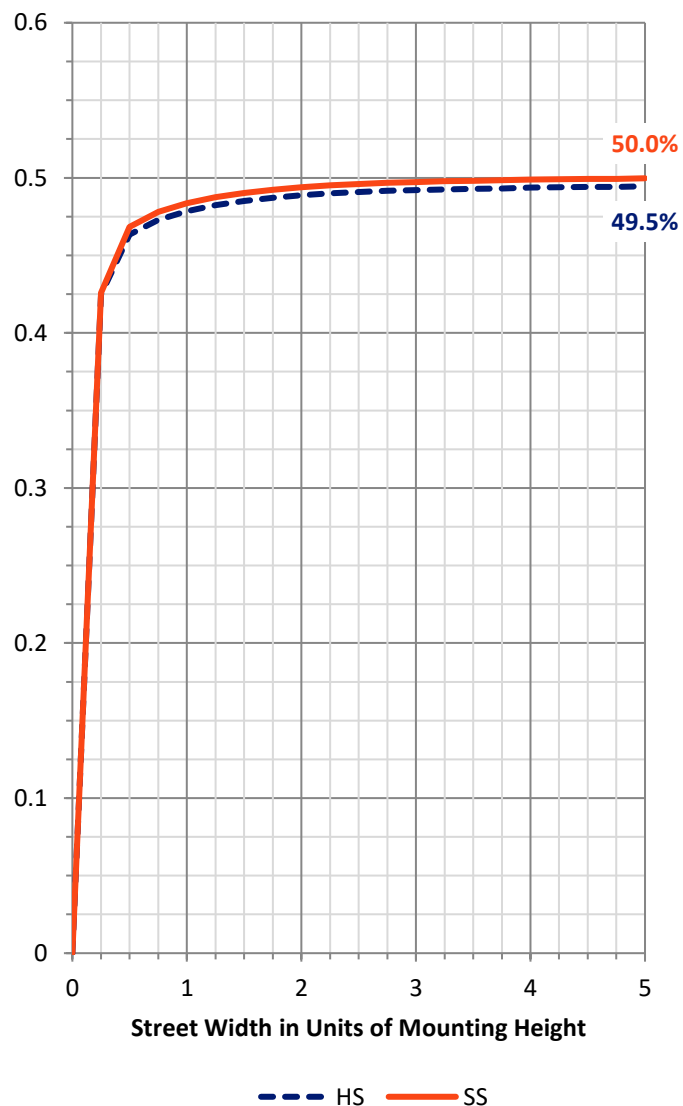
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	17299.9	0.0	17299.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	17299.9	0.0	17299.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	34599.8	0.0	34599.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21229.7	61.4
10°-20°	8447.6	24.4
20°-30°	1947.8	5.6
30°-40°	739.5	2.1
40°-50°	603.5	1.7
50°-60°	579.6	1.7
60°-70°	555.3	1.6
70°-80°	367.6	1.1
80°-90°	129.2	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°	34599.8	100.0
0°-180°	34599.8	100.0

Coefficient of Utilization



REPORT NUMBER: P525879

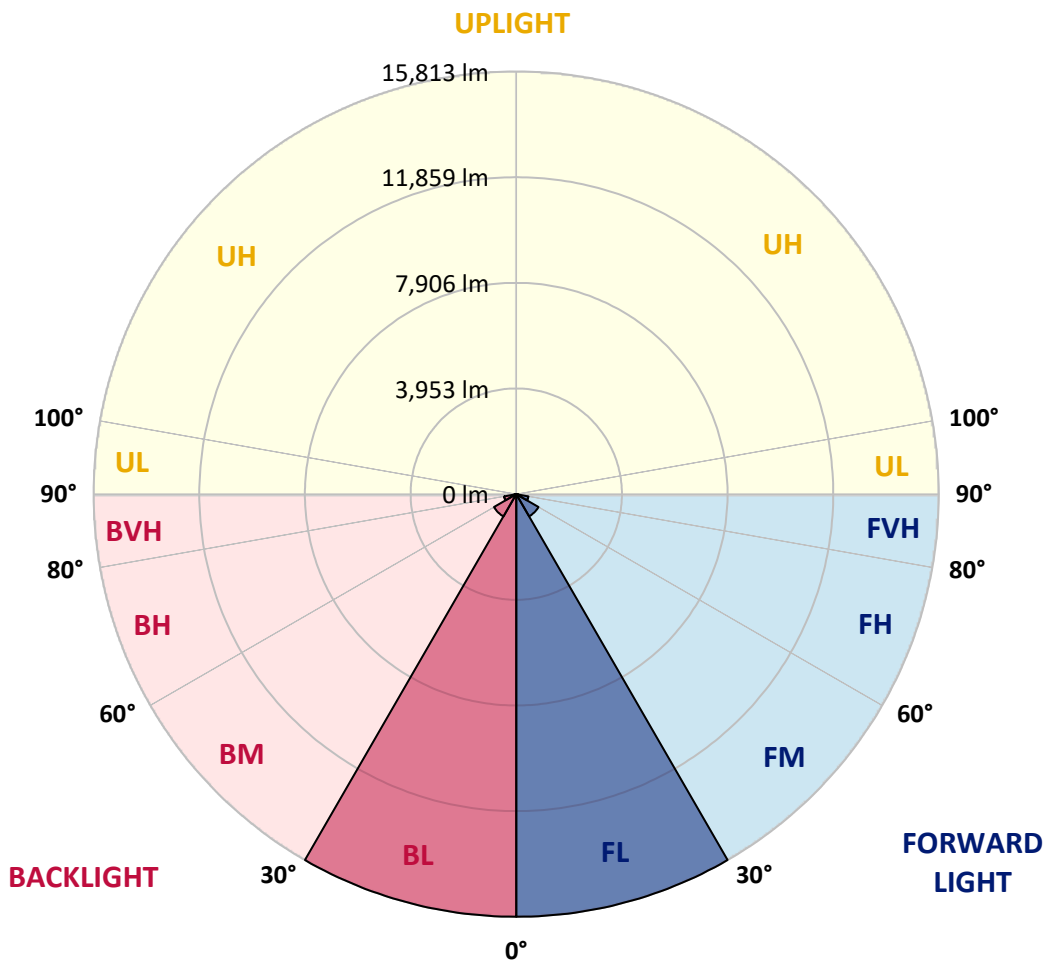
CATALOG NUMBER: IFLD-S-SA6E-930-U-22

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	15812.6	45.7			
FM (30°-60°)	961.3	2.8			
FH (60°-80°)	461.5	1.3			G0/660
FVH (80°-90°)	64.6	0.2			G1/100
BL (0°-30°)	15812.6	45.7	B5		
BM (30°-60°)	961.3	2.8	B1/1000		
BH (60°-80°)	461.5	1.3	B1/500		G0/660
BVH (80°-90°)	64.6	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: P525879
CATALOG NUMBER: IFLD-S-SA6E-930-U-22

CANDELA DISTRIBUTION (FULL):

	0°
0°	513668.7
1°	504632.5
2°	479320.9
3°	435845.5
4°	376069.3
5°	308668.3
6°	242668.3
7°	185897.5
8°	138746.6
9°	103444.5
10°	77142.9
12.5°	42043.8
15°	26976.7
17.5°	18204.4
20°	10823.2
22.5°	6020.8
25°	3441.9
27.5°	2182.9
30°	1573.7
32.5°	1284.4
35°	1142.2
37.5°	1061.0
40°	954.4
42.5°	847.8
45°	756.4
47.5°	710.7
50°	680.3
52.5°	659.9
55°	644.7
57.5°	634.6
60°	614.3
62.5°	599.0
65°	568.6
67.5°	528.0
70°	477.2
72.5°	411.2
75°	345.2
77.5°	284.3
80°	228.4
82.5°	177.7
85°	132.0
87.5°	50.8
90°	0.0

(END OF REPORT)