

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: P525855

Luminaire Tested: **IFLD-S-SA2A-930-U-22**

Issue Date: 05/27/2021



Test Information

Test Method: LM-79-08
Report Number: P525855
Test Lab: INNOVATION CENTER(G2)
Issue Date: 05/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2A-930-U-22
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 22 distribution lens
Light Source: (32) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

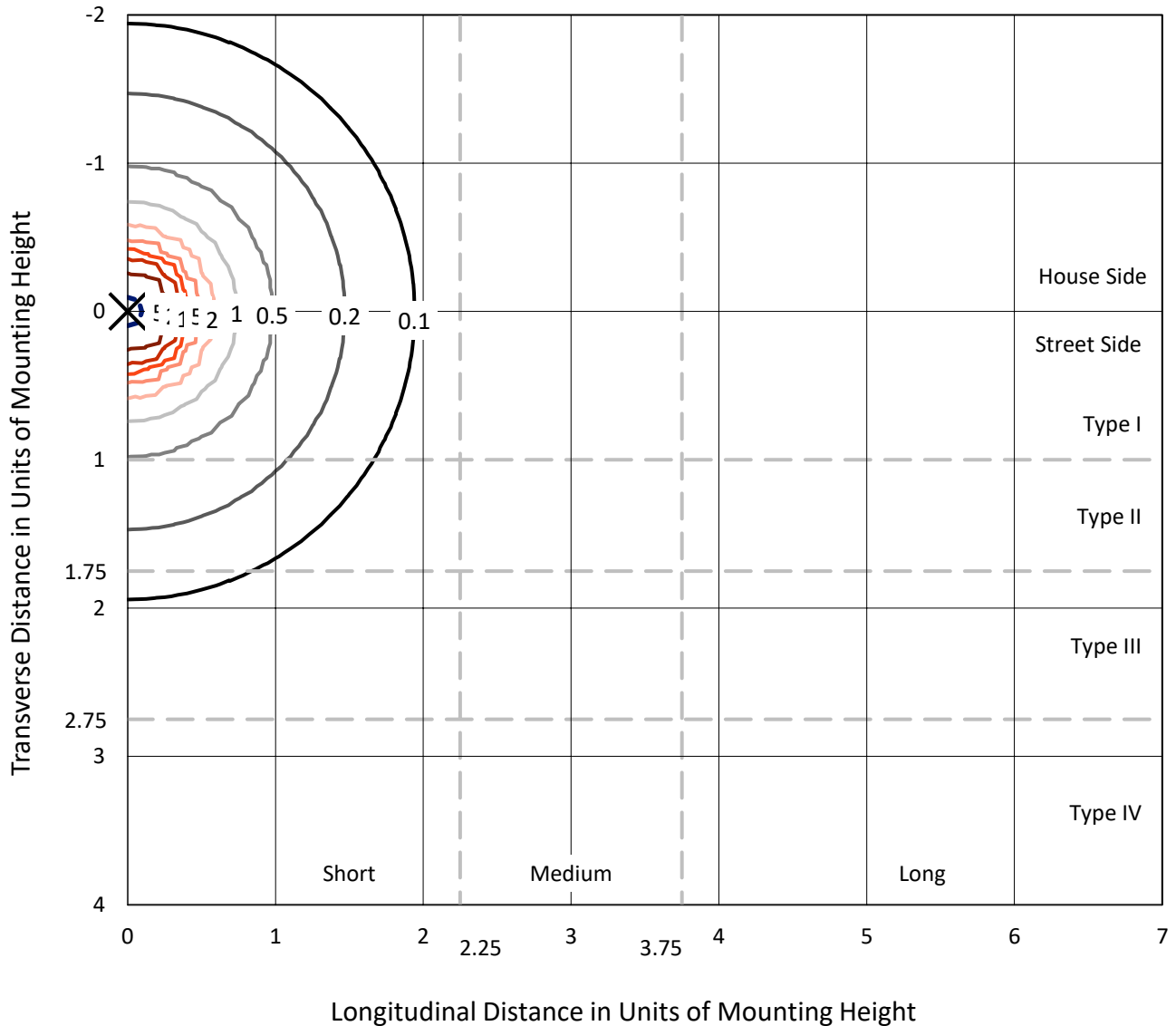
Lumens per Lamp: N/A
Luminaire Lumens: 6036.9 lumens
Efficiency: N/A
Efficacy: 94.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G1

Input Watts (W): 63.8
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: P525855
 CATALOG NUMBER: IFLD-S-SA2A-930-U-22

Iso-Footcandle Lines of Horizontal Illumination

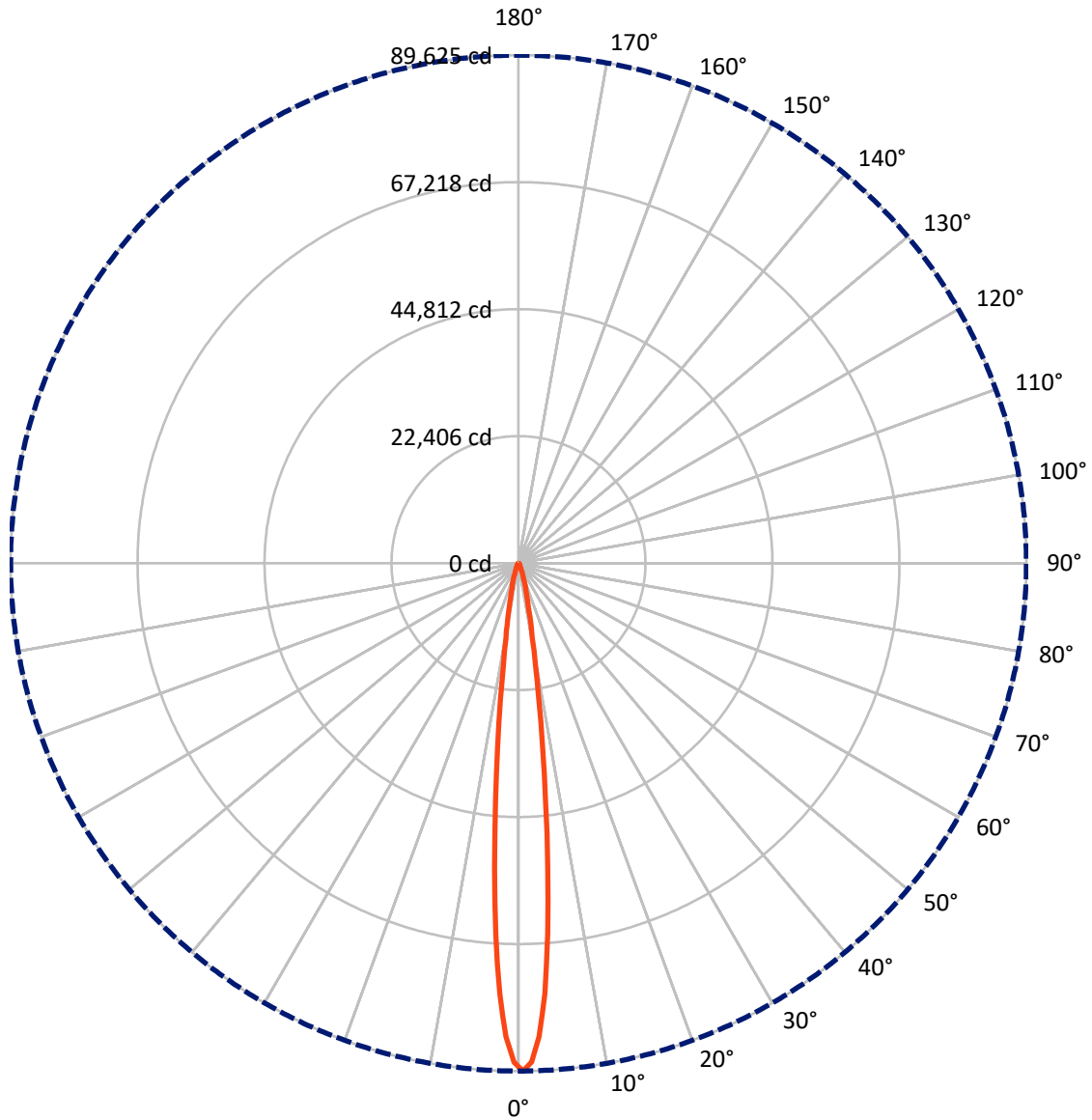
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 896.2 fc
 Type V - Short - N/A

REPORT NUMBER: P525855
CATALOG NUMBER: IFLD-S-SA2A-930-U-22

Luminous Intensity Polar Plot



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

REPORT NUMBER: P525855
 CATALOG NUMBER: IFLD-S-SA2A-930-U-22

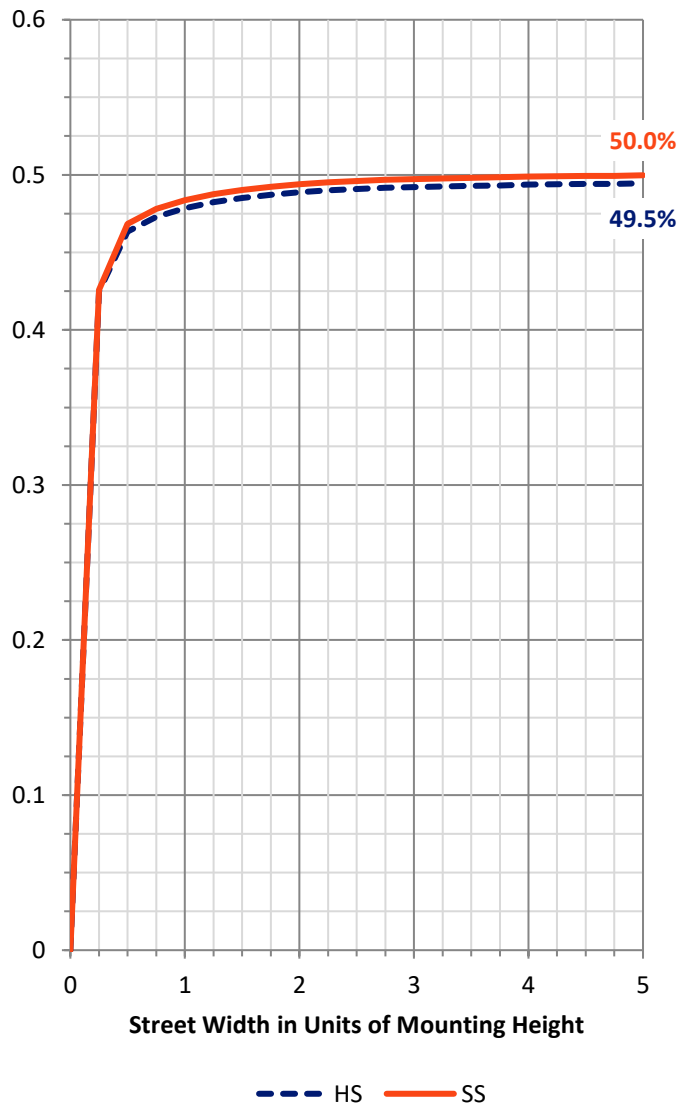
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3018.5	0.0	3018.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3018.5	0.0	3018.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	6036.9	0.0	6036.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3704.1	61.4
10°-20°	1473.9	24.4
20°-30°	339.9	5.6
30°-40°	129.0	2.1
40°-50°	105.3	1.7
50°-60°	101.1	1.7
60°-70°	96.9	1.6
70°-80°	64.1	1.1
80°-90°	22.5	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°	6036.9	100.0
0°-180°	6036.9	100.0

Coefficient of Utilization



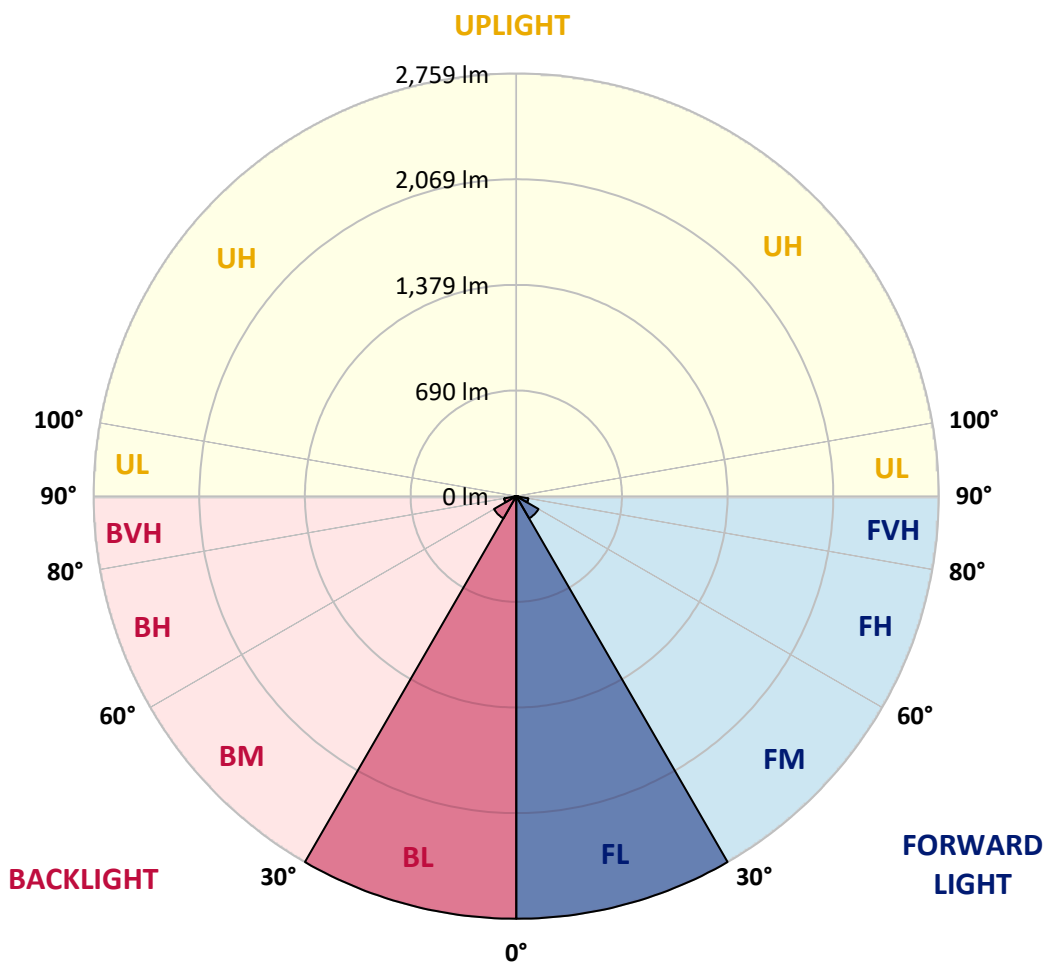
REPORT NUMBER: P525855
 CATALOG NUMBER: IFLD-S-SA2A-930-U-22

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2759.0	45.7			
FM (30°-60°)	167.7	2.8			
FH (60°-80°)	80.5	1.3			G0/660
FVH (80°-90°)	11.3	0.2			G1/100
BL (0°-30°)	2759.0	45.7	B4/5000		
BM (30°-60°)	167.7	2.8	B0/220		
BH (60°-80°)	80.5	1.3	B0/110		G0/660
BVH (80°-90°)	11.3	0.2			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G1

Type V Short



REPORT NUMBER: P525855
CATALOG NUMBER: IFLD-S-SA2A-930-U-22

CANDELA DISTRIBUTION (FULL):

0°	
0°	89624.6
1°	88047.9
2°	83631.6
3°	76046.0
4°	65616.3
5°	53856.2
6°	42340.6
7°	32435.3
8°	24208.4
9°	18048.9
10°	13459.8
12.5°	7335.8
15°	4706.9
17.5°	3176.3
20°	1888.4
22.5°	1050.5
25°	600.5
27.5°	380.9
30°	274.6
32.5°	224.1
35°	199.3
37.5°	185.1
40°	166.5
42.5°	147.9
45°	132.0
47.5°	124.0
50°	118.7
52.5°	115.1
55°	112.5
57.5°	110.7
60°	107.2
62.5°	104.5
65°	99.2
67.5°	92.1
70°	83.3
72.5°	71.7
75°	60.2
77.5°	49.6
80°	39.9
82.5°	31.0
85°	23.0
87.5°	8.9
90°	0.0

(END OF REPORT)