

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: P525880

Luminaire Tested: **IFLD-M-SA4A-930-U-22**

Issue Date: 05/27/2021



Test Information

Test Method: LM-79-08
Report Number: P525880
Test Lab: INNOVATION CENTER(G2)
Issue Date: 05/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4A-930-U-22
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 22 distribution lens
Light Source: (64) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

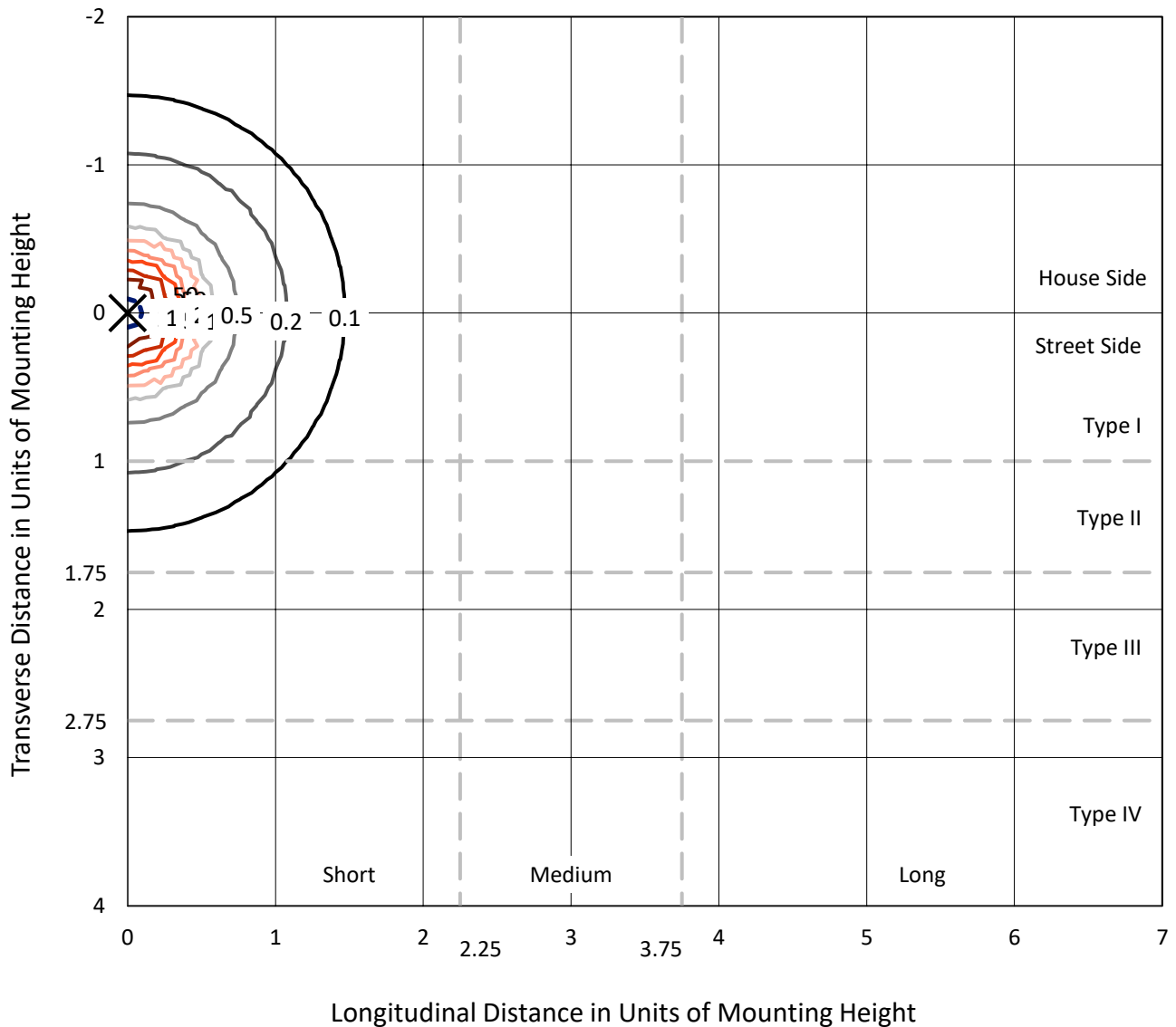
Lumens per Lamp: N/A
Luminaire Lumens: 12075.8 lumens
Efficiency: N/A
Efficacy: 93.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B5 - U0 - G1

Input Watts (W): 128.6
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: P525880
 CATALOG NUMBER: IFLD-M-SA4A-930-U-22

Iso-Footcandle Lines of Horizontal Illumination

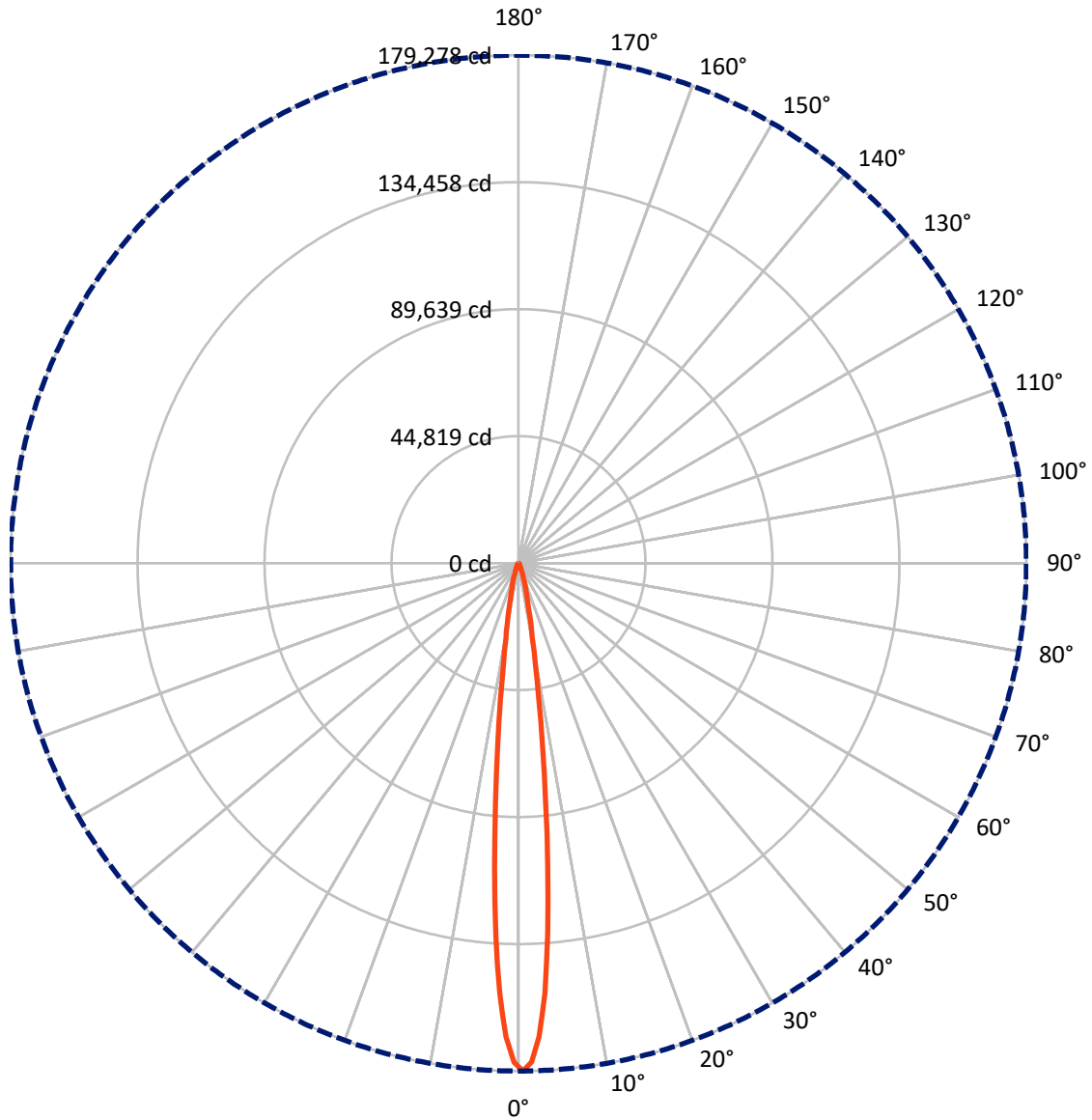
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 448.2 fc
 Type V - Short - N/A

REPORT NUMBER: P525880
CATALOG NUMBER: IFLD-M-SA4A-930-U-22

Luminous Intensity Polar Plot



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

REPORT NUMBER: P525880
 CATALOG NUMBER: IFLD-M-SA4A-930-U-22

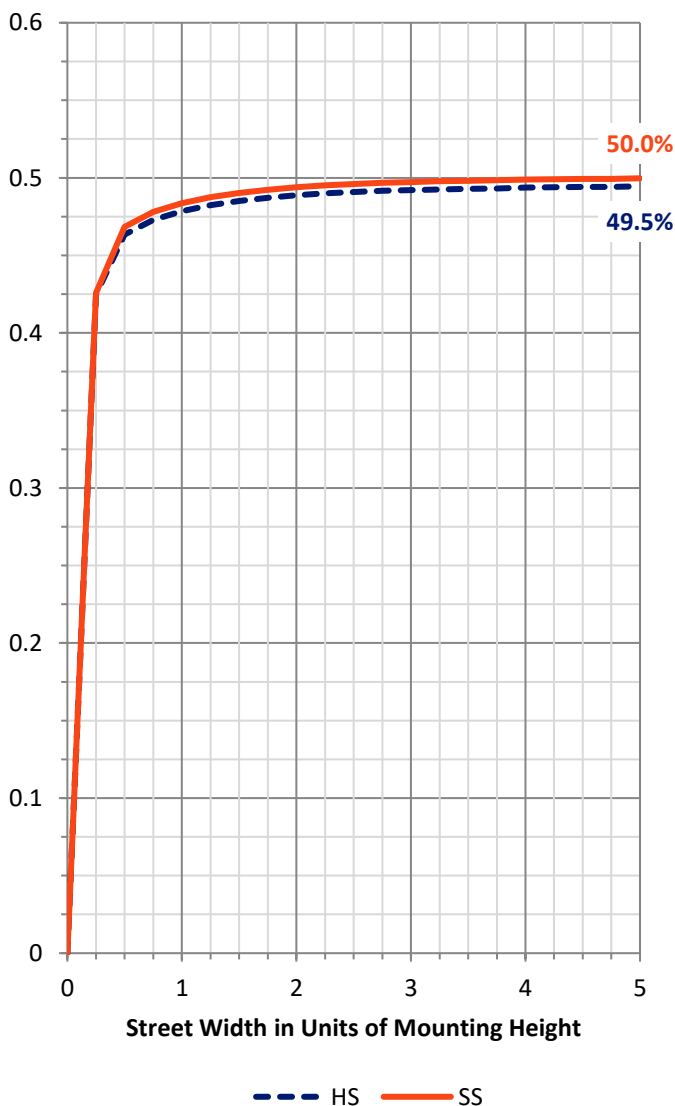
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6037.9	0.0	6037.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	6037.9	0.0	6037.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	12075.8	0.0	12075.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7409.5	61.4
10°-20°	2948.3	24.4
20°-30°	679.8	5.6
30°-40°	258.1	2.1
40°-50°	210.6	1.7
50°-60°	202.3	1.7
60°-70°	193.8	1.6
70°-80°	128.3	1.1
80°-90°	45.1	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°	12075.8	100.0
0°-180°	12075.8	100.0

Coefficient of Utilization



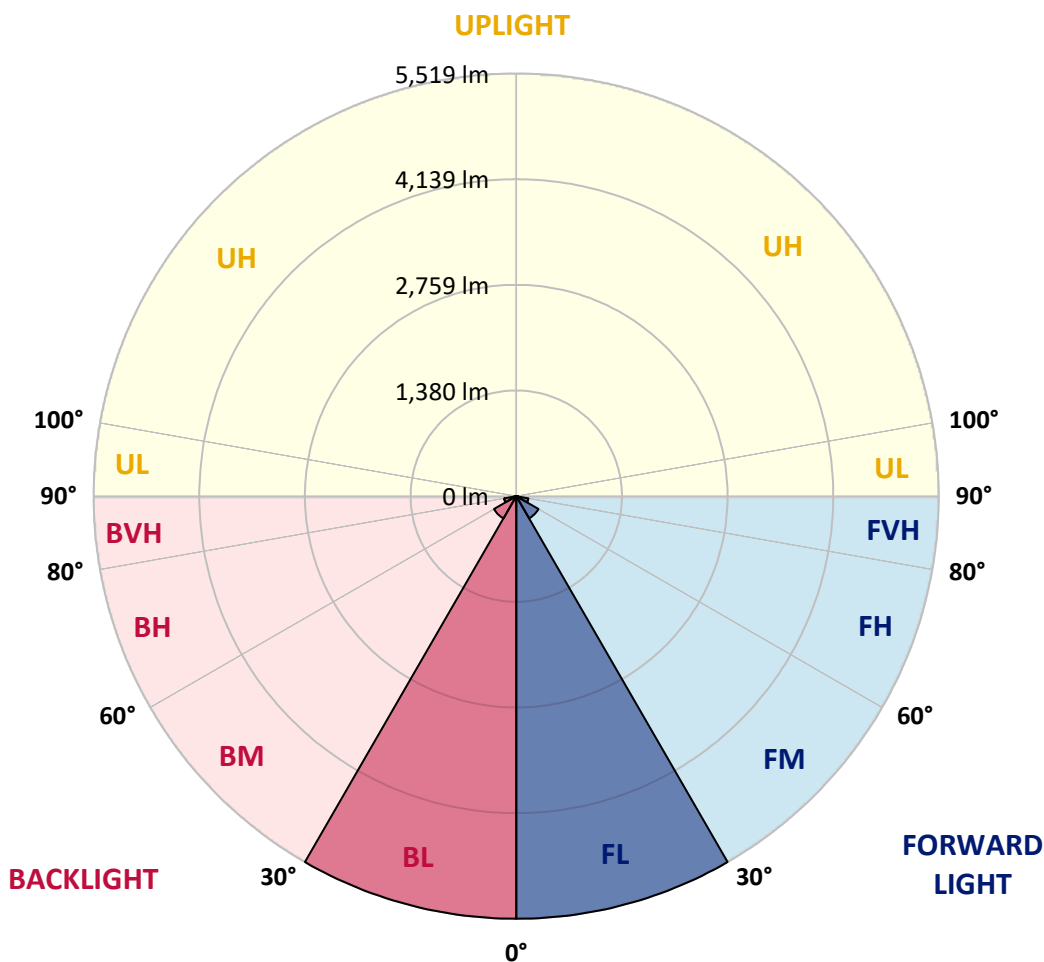
REPORT NUMBER: P525880
 CATALOG NUMBER: IFLD-M-SA4A-930-U-22

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	5518.8	45.7			
FM (30°-60°)	335.5	2.8			
FH (60°-80°)	161.0	1.3			G0/660
FVH (80°-90°)	22.5	0.2			G1/100
BL (0°-30°)	5518.8	45.7	B5		
BM (30°-60°)	335.5	2.8	B1/1000		
BH (60°-80°)	161.0	1.3	B1/500		G0/660
BVH (80°-90°)	22.5	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: P525880
CATALOG NUMBER: IFLD-M-SA4A-930-U-22

CANDELA DISTRIBUTION (FULL):

	0°
0°	179277.5
1°	176123.8
2°	167289.7
3°	152116.2
4°	131253.5
5°	107729.5
6°	84694.6
7°	64880.8
8°	48424.5
9°	36103.6
10°	26924.0
12.5°	14673.9
15°	9415.2
17.5°	6353.6
20°	3777.4
22.5°	2101.3
25°	1201.3
27.5°	761.9
30°	549.3
32.5°	448.3
35°	398.7
37.5°	370.3
40°	333.1
42.5°	295.9
45°	264.0
47.5°	248.0
50°	237.4
52.5°	230.3
55°	225.0
57.5°	221.5
60°	214.4
62.5°	209.1
65°	198.4
67.5°	184.3
70°	166.5
72.5°	143.5
75°	120.5
77.5°	99.2
80°	79.7
82.5°	62.0
85°	46.1
87.5°	17.7
90°	0.0

(END OF REPORT)