

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: P525881

Luminaire Tested: **IFLD-M-SA4B-930-U-22**

Issue Date: 05/27/2021



Test Information

Test Method: LM-79-08
Report Number: P525881
Test Lab: INNOVATION CENTER(G2)
Issue Date: 05/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-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

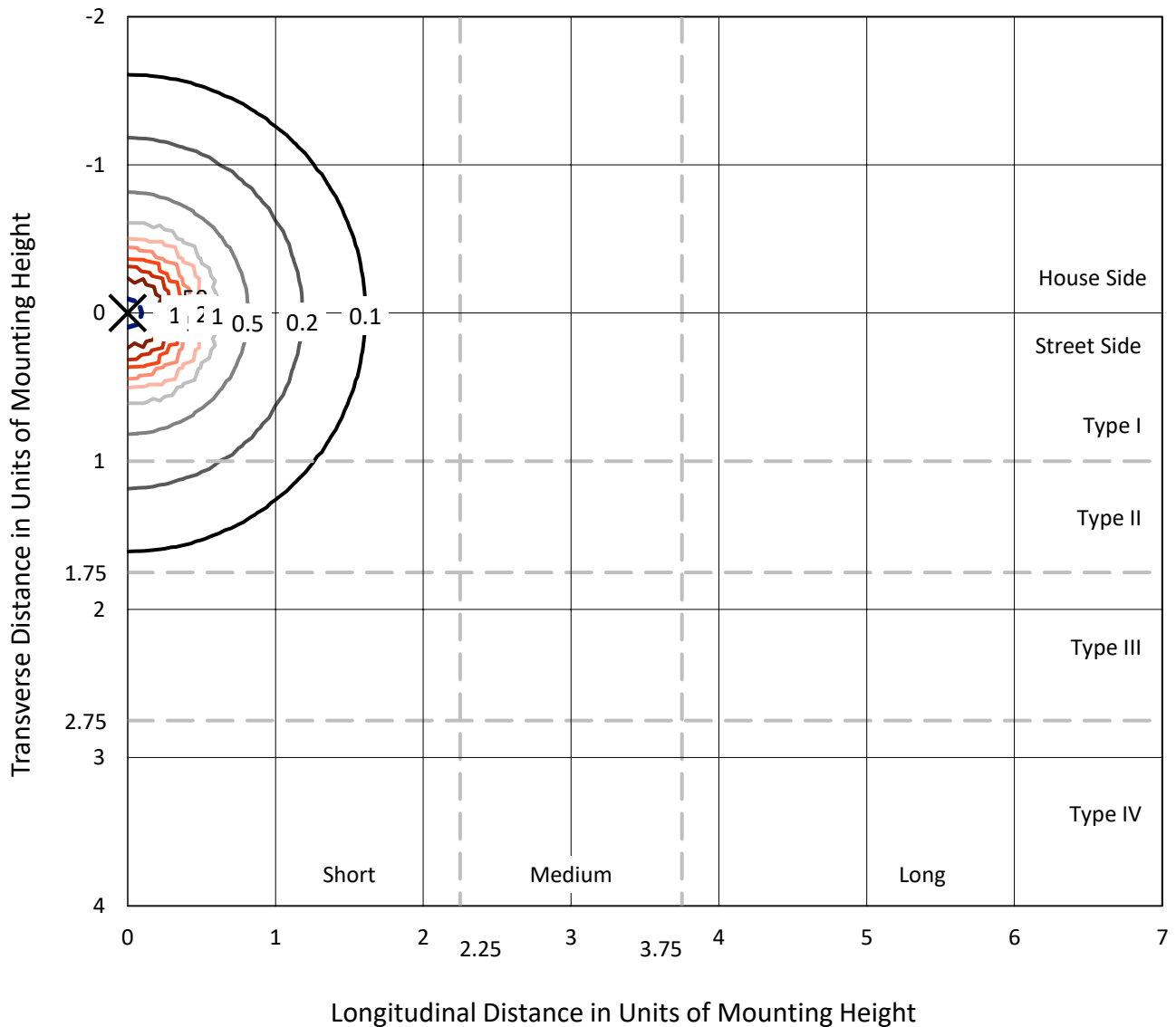
Lumens per Lamp: N/A
Luminaire Lumens: 14934.7 lumens
Efficiency: N/A
Efficacy: 89.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B5 - U0 - G1

Input Watts (W): 166.1
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: P525881
 CATALOG NUMBER: IFLD-M-SA4B-930-U-22

Iso-Footcandle Lines of Horizontal Illumination

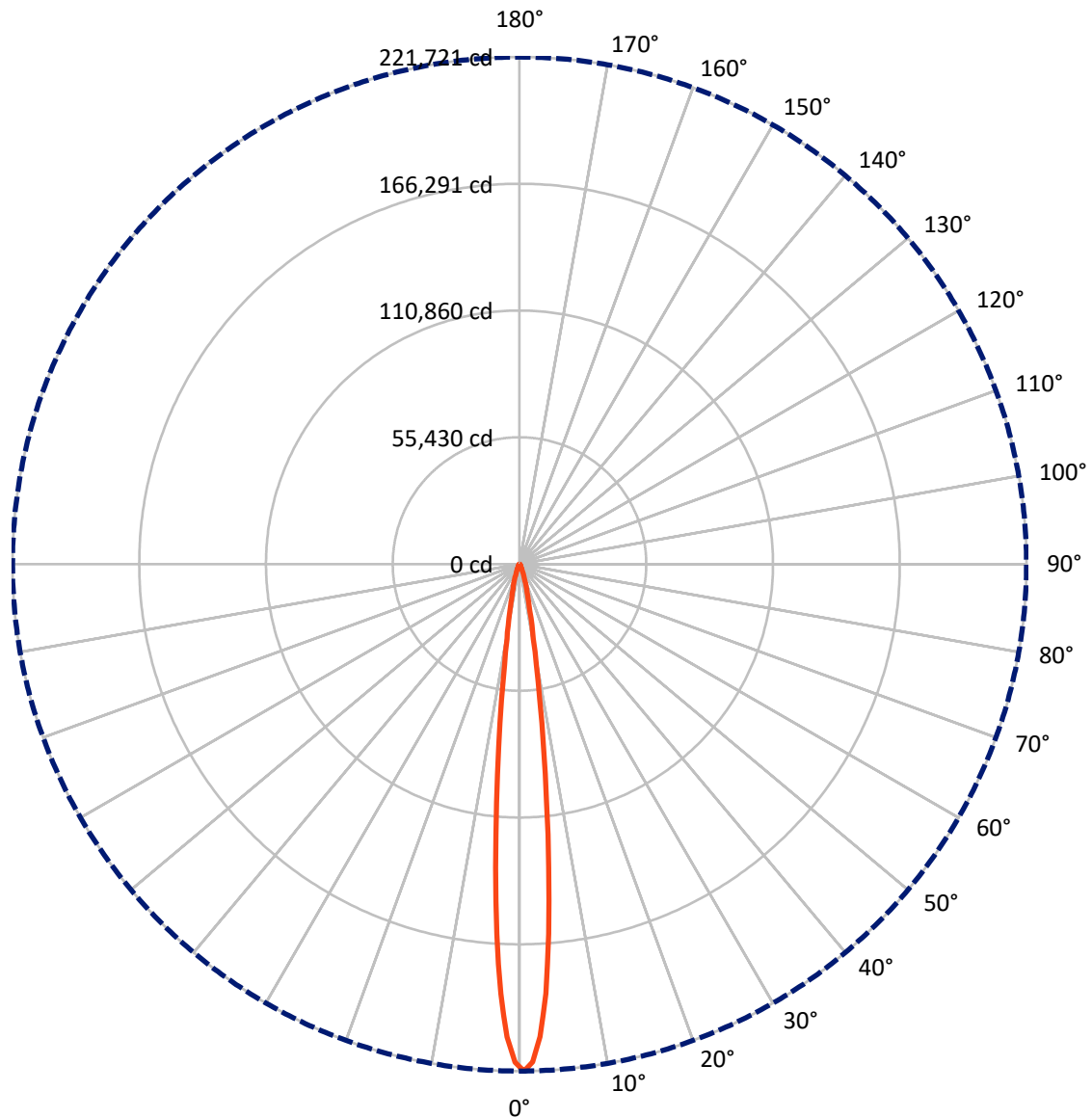
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 554.3 fc
 Type V - Short - N/A

REPORT NUMBER: P525881
CATALOG NUMBER: IFLD-M-SA4B-930-U-22

Luminous Intensity Polar Plot



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

REPORT NUMBER: P525881
 CATALOG NUMBER: IFLD-M-SA4B-930-U-22

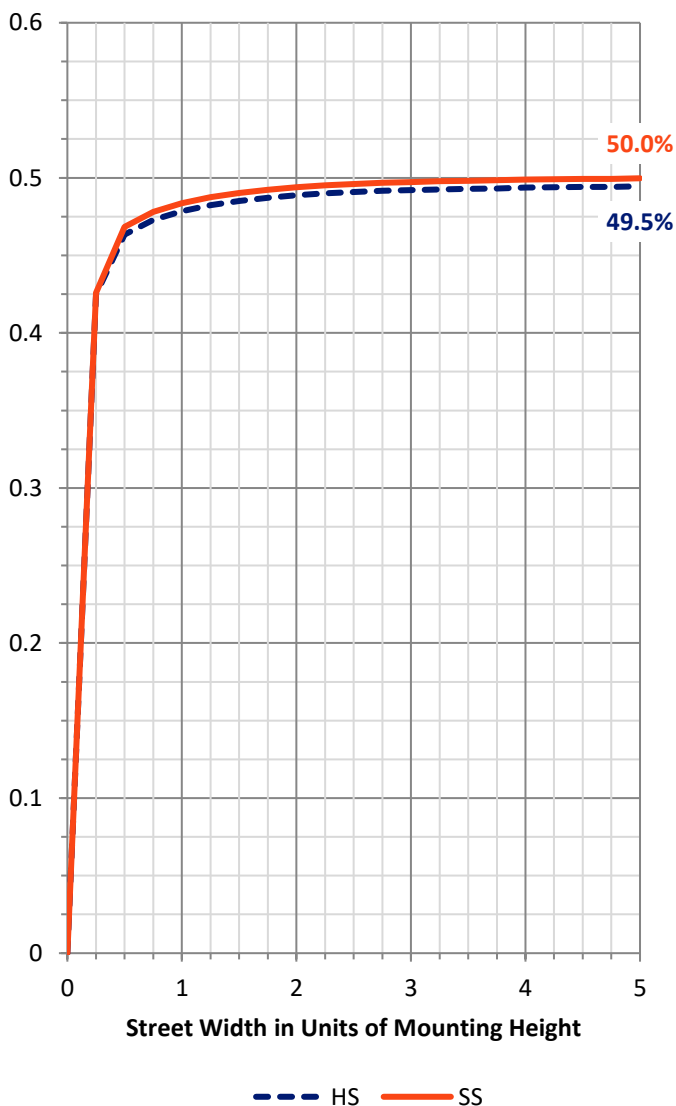
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7467.4	0.0	7467.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	7467.4	0.0	7467.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	14934.7	0.0	14934.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9163.6	61.4
10°-20°	3646.3	24.4
20°-30°	840.8	5.6
30°-40°	319.2	2.1
40°-50°	260.5	1.7
50°-60°	250.2	1.7
60°-70°	239.7	1.6
70°-80°	158.7	1.1
80°-90°	55.8	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°	14934.7	100.0
0°-180°	14934.7	100.0

Coefficient of Utilization

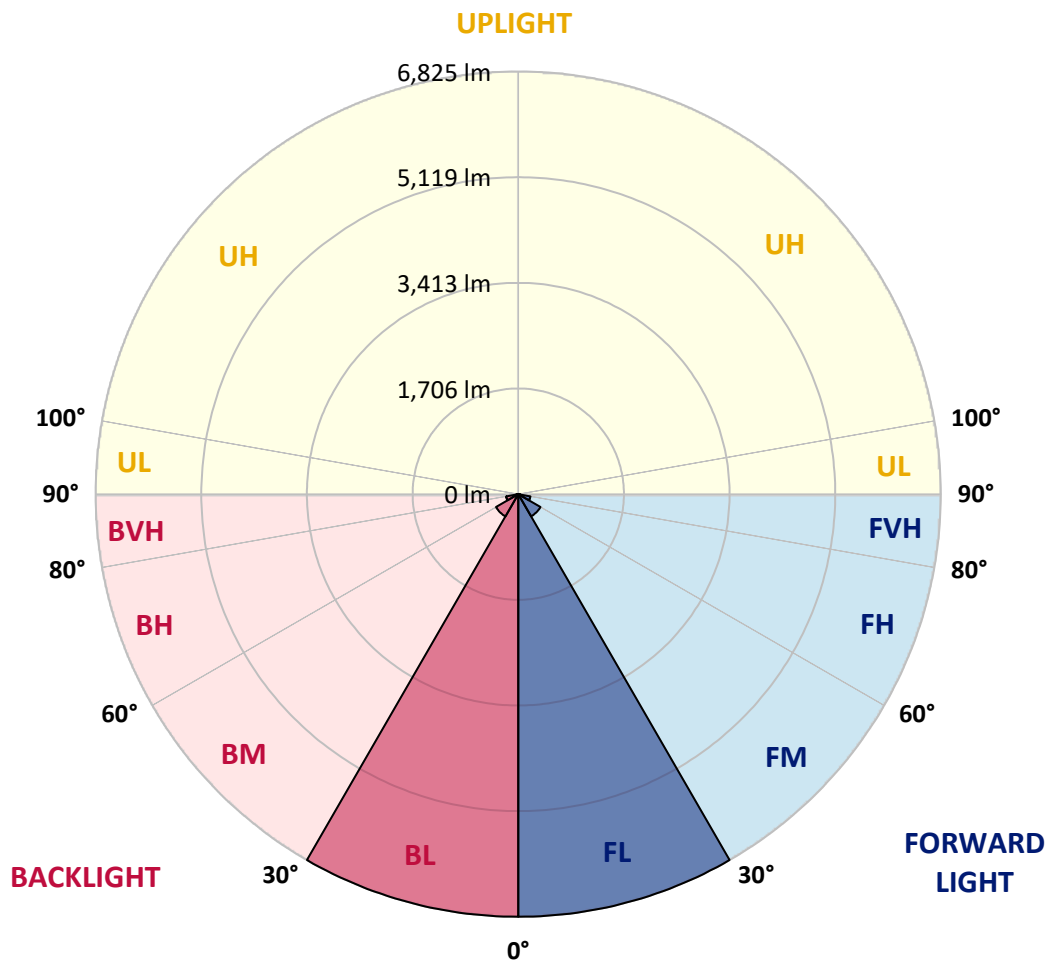


REPORT NUMBER: P525881
 CATALOG NUMBER: IFLD-M-SA4B-930-U-22

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	6825.4	45.7			
FM (30°-60°)	414.9	2.8			
FH (60°-80°)	199.2	1.3			G0/660
FVH (80°-90°)	27.9	0.2			G1/100
BL (0°-30°)	6825.4	45.7	B5		
BM (30°-60°)	414.9	2.8	B1/1000		
BH (60°-80°)	199.2	1.3	B1/500		G0/660
BVH (80°-90°)	27.9	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: P525881
CATALOG NUMBER: IFLD-M-SA4B-930-U-22

CANDELA DISTRIBUTION (FULL):

	0°
0°	221720.8
1°	217820.4
2°	206894.9
3°	188129.1
4°	162327.2
5°	133234.1
6°	104745.7
7°	80241.1
8°	59888.8
9°	44650.9
10°	33298.1
12.5°	18147.9
15°	11644.3
17.5°	7857.8
20°	4671.7
22.5°	2598.8
25°	1485.7
27.5°	942.2
30°	679.3
32.5°	554.4
35°	493.0
37.5°	458.0
40°	412.0
42.5°	365.9
45°	326.5
47.5°	306.8
50°	293.6
52.5°	284.9
55°	278.3
57.5°	273.9
60°	265.1
62.5°	258.6
65°	245.4
67.5°	227.9
70°	206.0
72.5°	177.5
75°	149.0
77.5°	122.7
80°	98.6
82.5°	76.7
85°	57.0
87.5°	21.9
90°	0.0

(END OF REPORT)