

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: P525929

Luminaire Tested: **IFLD-L-SA8A-935-U-22**

Issue Date: 05/27/2021



Test Information

Test Method: LM-79-08
Report Number: P525929
Test Lab: INNOVATION CENTER(G2)
Issue Date: 05/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-935-U-22
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 22 distribution lens
Light Source: (128) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

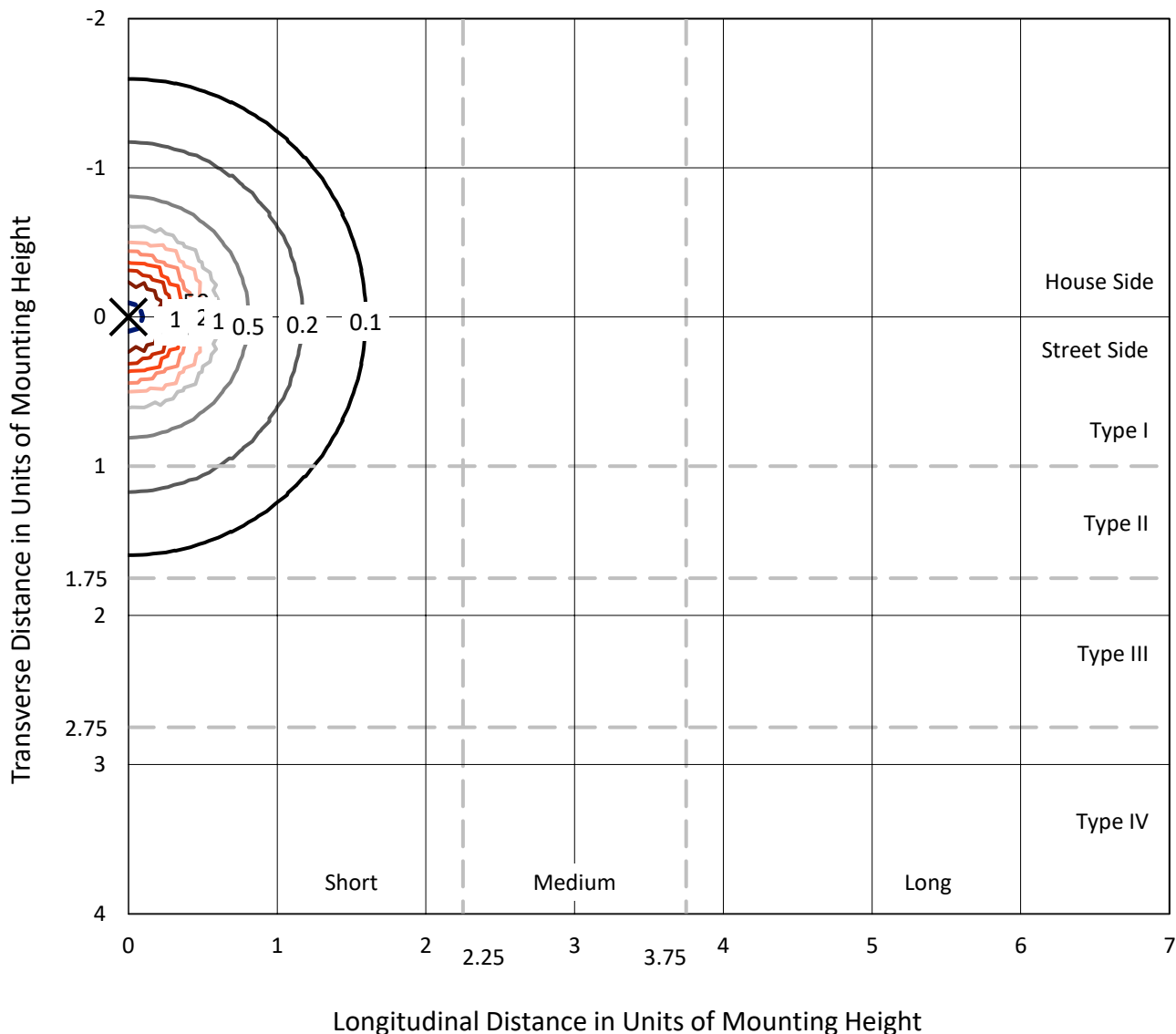
Lumens per Lamp: N/A
Luminaire Lumens: 22860.4 lumens
Efficiency: N/A
Efficacy: 92.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B5 - U0 - G1

Input Watts (W): 247.8
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: P525929
 CATALOG NUMBER: IFLD-L-SA8A-935-U-22

Iso-Footcandle Lines of Horizontal Illumination

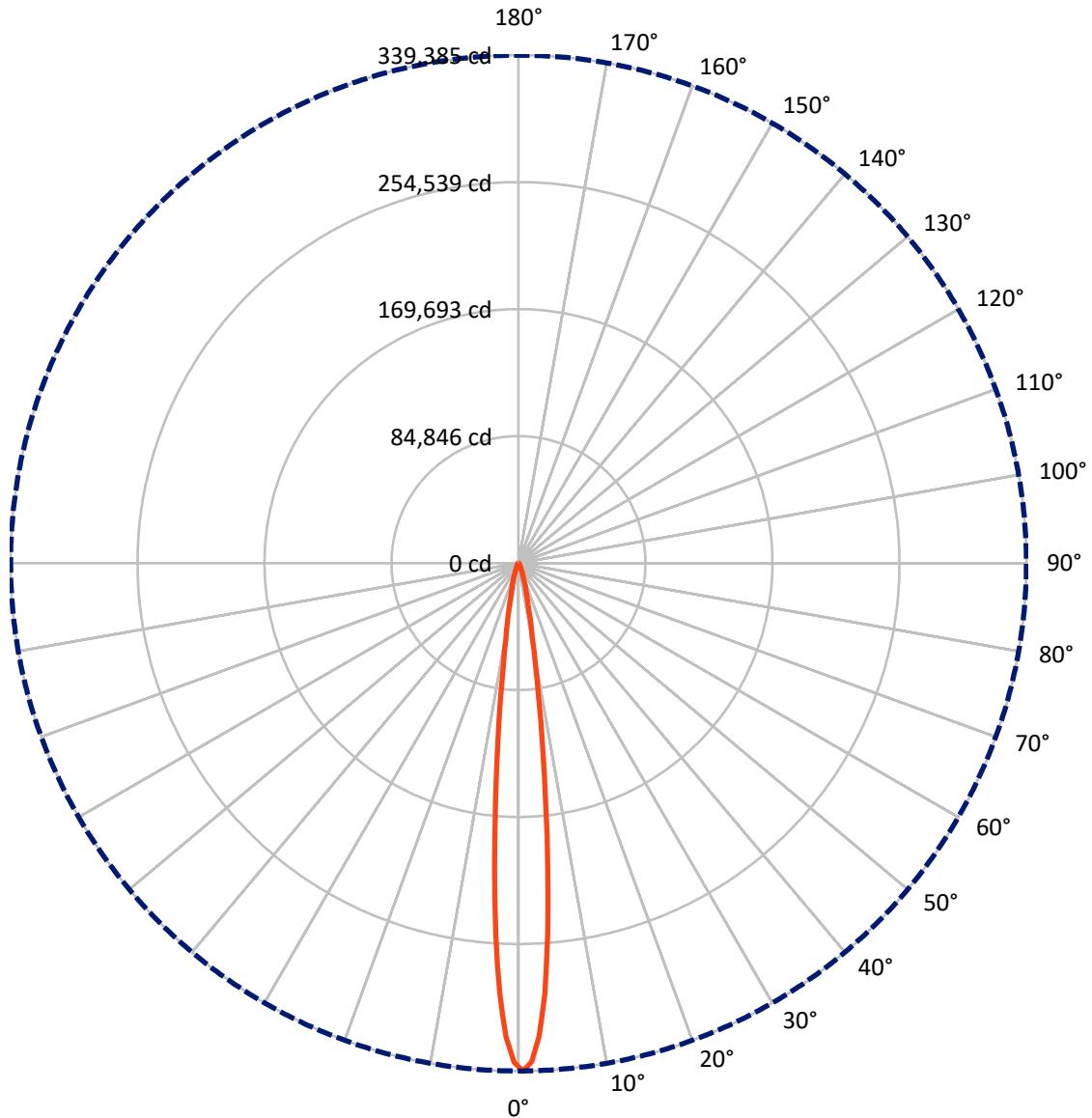
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 543 fc
 Type V - Short - N/A

REPORT NUMBER: P525929
CATALOG NUMBER: IFLD-L-SA8A-935-U-22

Luminous Intensity Polar Plot



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

REPORT NUMBER: P525929

CATALOG NUMBER: IFLD-L-SA8A-935-U-22

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11430.2	0.0	11430.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	11430.2	0.0	11430.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	22860.4	0.0	22860.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14026.7	61.4
10°-20°	5581.4	24.4
20°-30°	1286.9	5.6
30°-40°	488.6	2.1
40°-50°	398.8	1.7
50°-60°	383.0	1.7
60°-70°	366.9	1.6
70°-80°	242.9	1.1
80°-90°	85.3	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°	22860.4	100.0
0°-180°	22860.4	100.0

Coefficient of Utilization



REPORT NUMBER: P525929

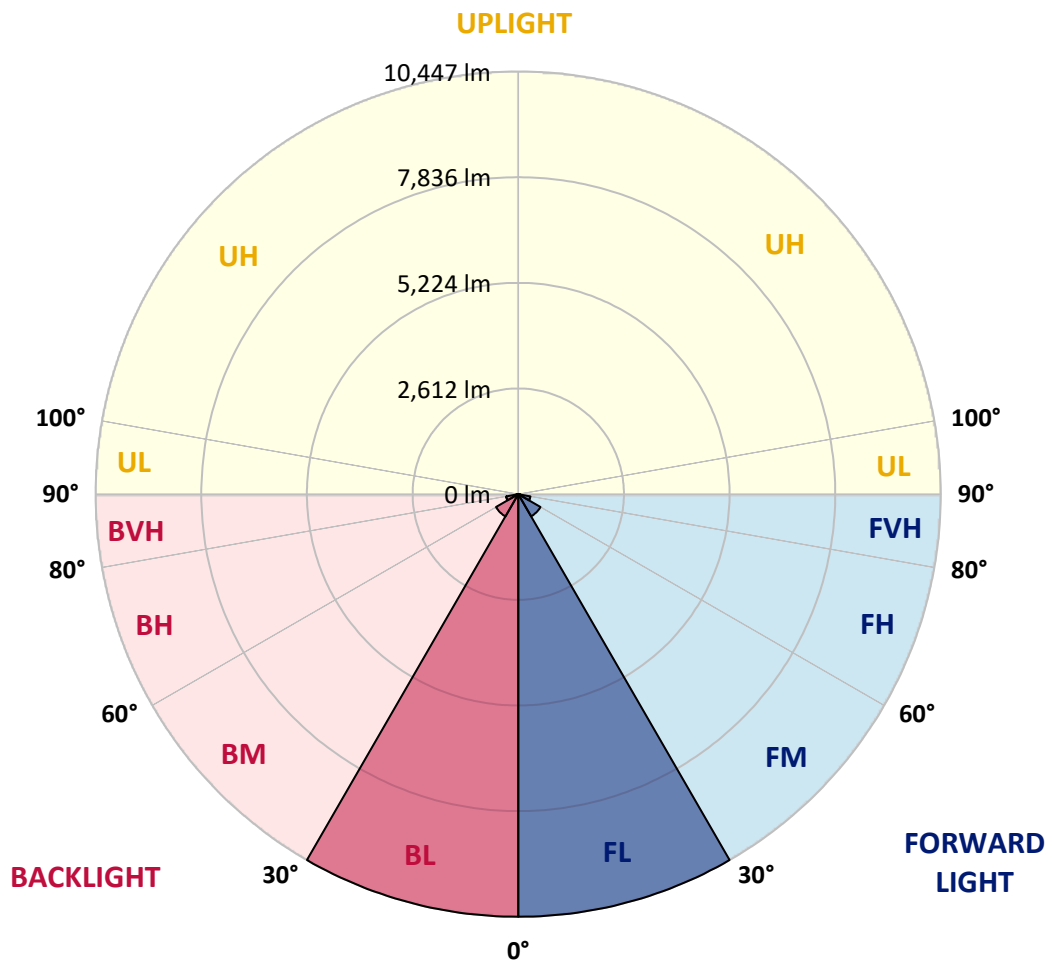
CATALOG NUMBER: IFLD-L-SA8A-935-U-22

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	10447.5	45.7			
FM (30°-60°)	635.2	2.8			
FH (60°-80°)	304.9	1.3			G0/660
FVH (80°-90°)	42.7	0.2			G1/100
BL (0°-30°)	10447.5	45.7	B5		
BM (30°-60°)	635.2	2.8	B1/1000		
BH (60°-80°)	304.9	1.3	B1/500		G0/660
BVH (80°-90°)	42.7	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: P525929
CATALOG NUMBER: IFLD-L-SA8A-935-U-22

CANDELA DISTRIBUTION (FULL):

	0°
0°	339385.0
1°	333414.7
2°	316691.2
3°	287966.6
4°	248472.0
5°	203939.6
6°	160332.9
7°	122823.9
8°	91671.0
9°	68346.6
10°	50969.0
12.5°	27778.7
15°	17823.7
17.5°	12027.8
20°	7151.0
22.5°	3978.0
25°	2274.1
27.5°	1442.3
30°	1039.8
32.5°	848.6
35°	754.7
37.5°	701.0
40°	630.6
42.5°	560.1
45°	499.8
47.5°	469.6
50°	449.4
52.5°	436.0
55°	426.0
57.5°	419.3
60°	405.8
62.5°	395.8
65°	375.7
67.5°	348.8
70°	315.3
72.5°	271.7
75°	228.1
77.5°	187.8
80°	150.9
82.5°	117.4
85°	87.2
87.5°	33.5
90°	0.0

(END OF REPORT)