

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: P525925

Luminaire Tested: **IFLD-L-SA7B-935-U-22**

Issue Date: 05/27/2021

Test Information

Test Method: LM-79-08
Report Number: P525925
Test Lab: INNOVATION CENTER(G2)
Issue Date: 05/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7B-935-U-22
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 22 distribution lens
Light Source: (112) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

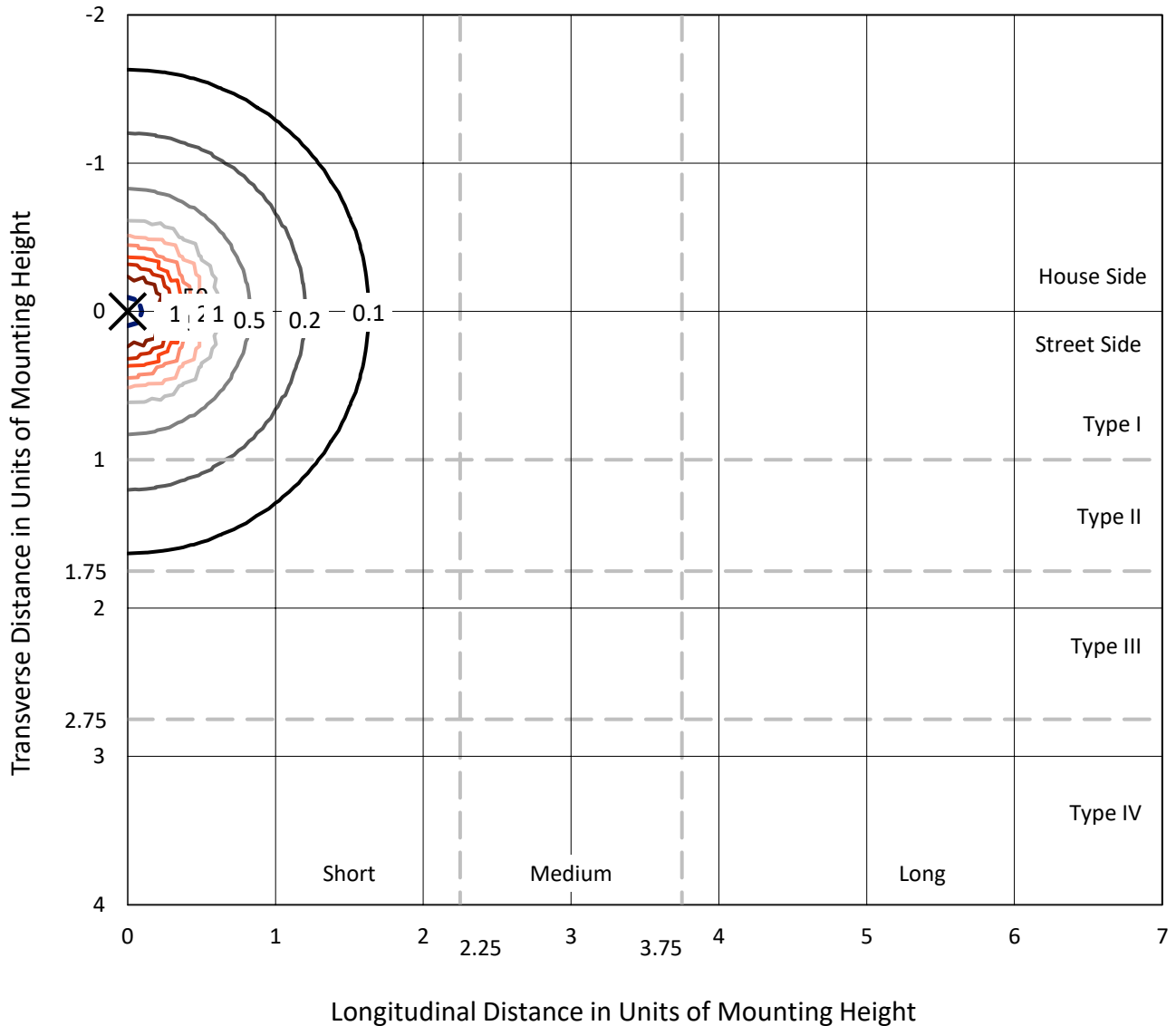
Lumens per Lamp: N/A
Luminaire Lumens: 24159.6 lumens
Efficiency: N/A
Efficacy: 86.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B5 - U0 - G1

Input Watts (W): 281
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

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Iso-Footcandle Lines of Horizontal Illumination

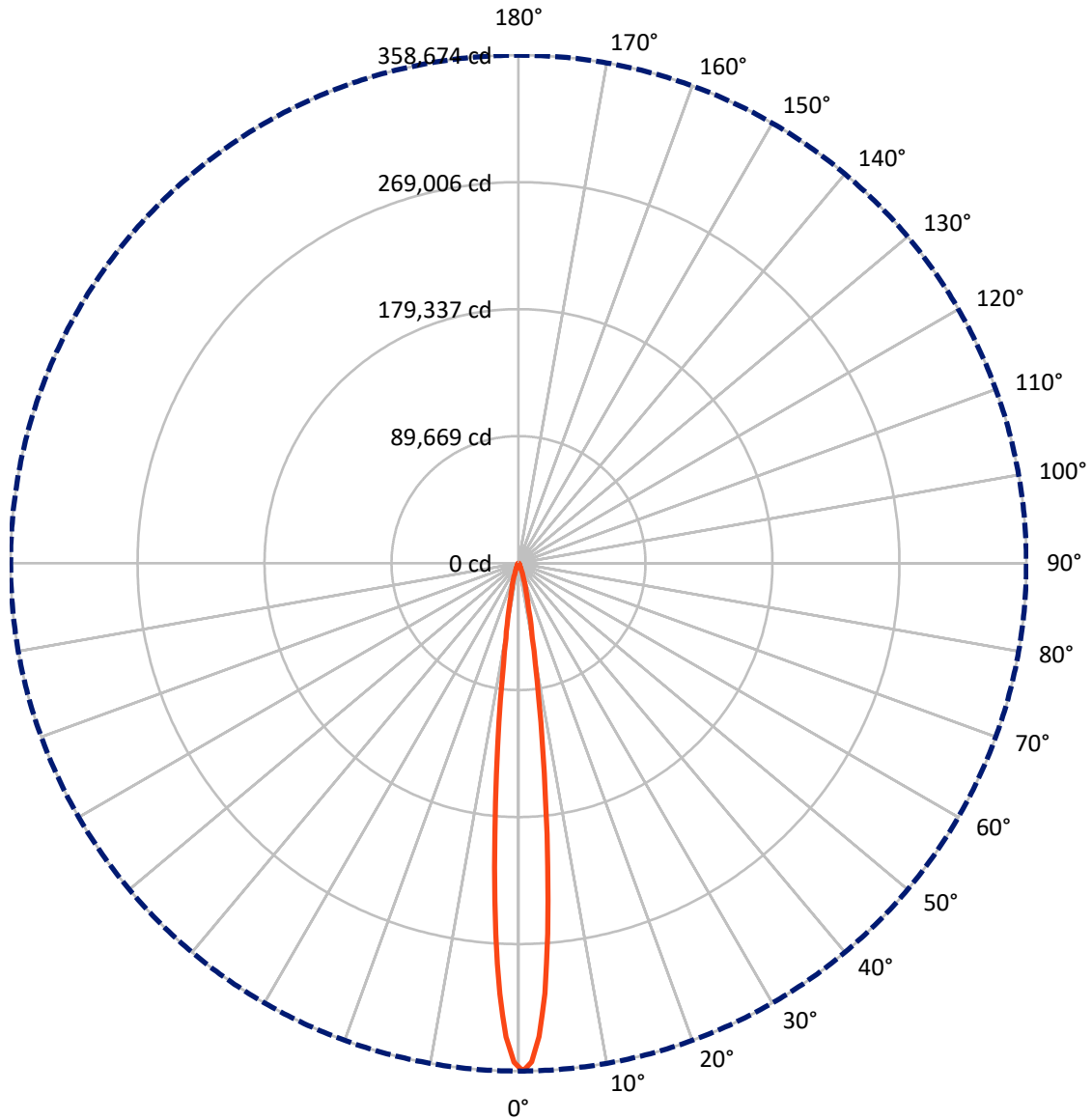
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 573.9 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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

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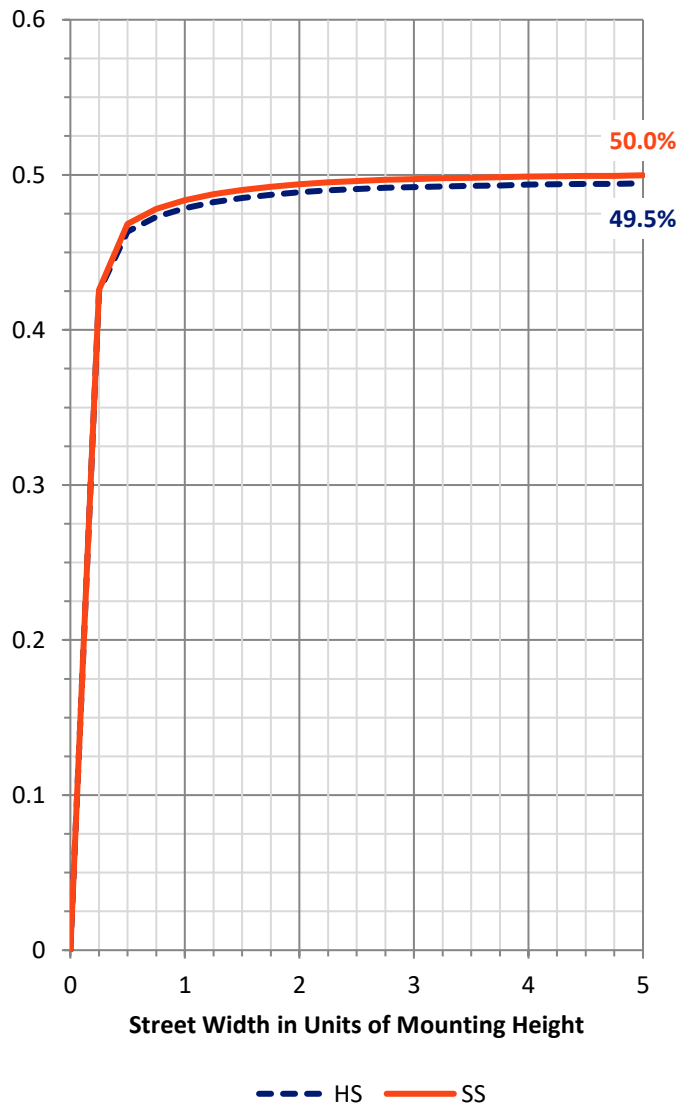
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12079.8	0.0	12079.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	12079.8	0.0	12079.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	24159.6	0.0	24159.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14823.9	61.4
10°-20°	5898.6	24.4
20°-30°	1360.1	5.6
30°-40°	516.4	2.1
40°-50°	421.4	1.7
50°-60°	404.7	1.7
60°-70°	387.8	1.6
70°-80°	256.6	1.1
80°-90°	90.2	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°	24159.6	100.0
0°-180°	24159.6	100.0

Coefficient of Utilization



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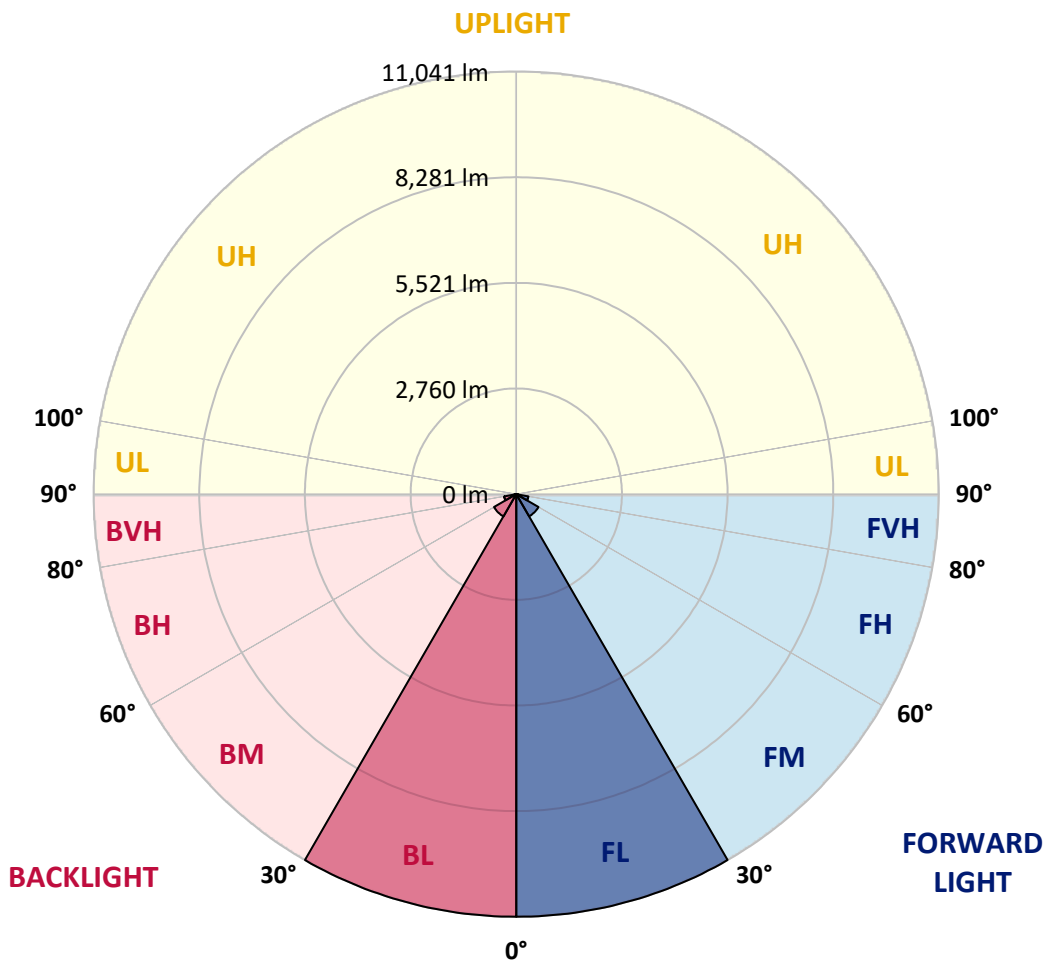
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	11041.3	45.7			
FM (30°-60°)	671.3	2.8			
FH (60°-80°)	322.2	1.3			G0/660
FVH (80°-90°)	45.1	0.2			G1/100
BL (0°-30°)	11041.3	45.7	B5		
BM (30°-60°)	671.3	2.8	B1/1000		
BH (60°-80°)	322.2	1.3	B1/500		G0/660
BVH (80°-90°)	45.1	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





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CANDELA DISTRIBUTION (FULL):

	0°
0°	358674.0
1°	352364.4
2°	334690.3
3°	304333.2
4°	262593.9
5°	215530.5
6°	169445.4
7°	129804.6
8°	96881.1
9°	72231.1
10°	53865.8
12.5°	29357.5
15°	18836.7
17.5°	12711.4
20°	7557.4
22.5°	4204.1
25°	2403.3
27.5°	1524.2
30°	1098.9
32.5°	896.8
35°	797.6
37.5°	740.8
40°	666.4
42.5°	592.0
45°	528.2
47.5°	496.3
50°	475.0
52.5°	460.8
55°	450.2
57.5°	443.1
60°	428.9
62.5°	418.3
65°	397.0
67.5°	368.7
70°	333.2
72.5°	287.1
75°	241.0
77.5°	198.5
80°	159.5
82.5°	124.1
85°	92.2
87.5°	35.4
90°	0.0

(END OF REPORT)