

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: P525924

Luminaire Tested: **IFLD-L-SA7A-935-U-22**

Issue Date: 05/27/2021

Test Information

Test Method: LM-79-08
Report Number: P525924
Test Lab: INNOVATION CENTER(G2)
Issue Date: 05/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7A-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

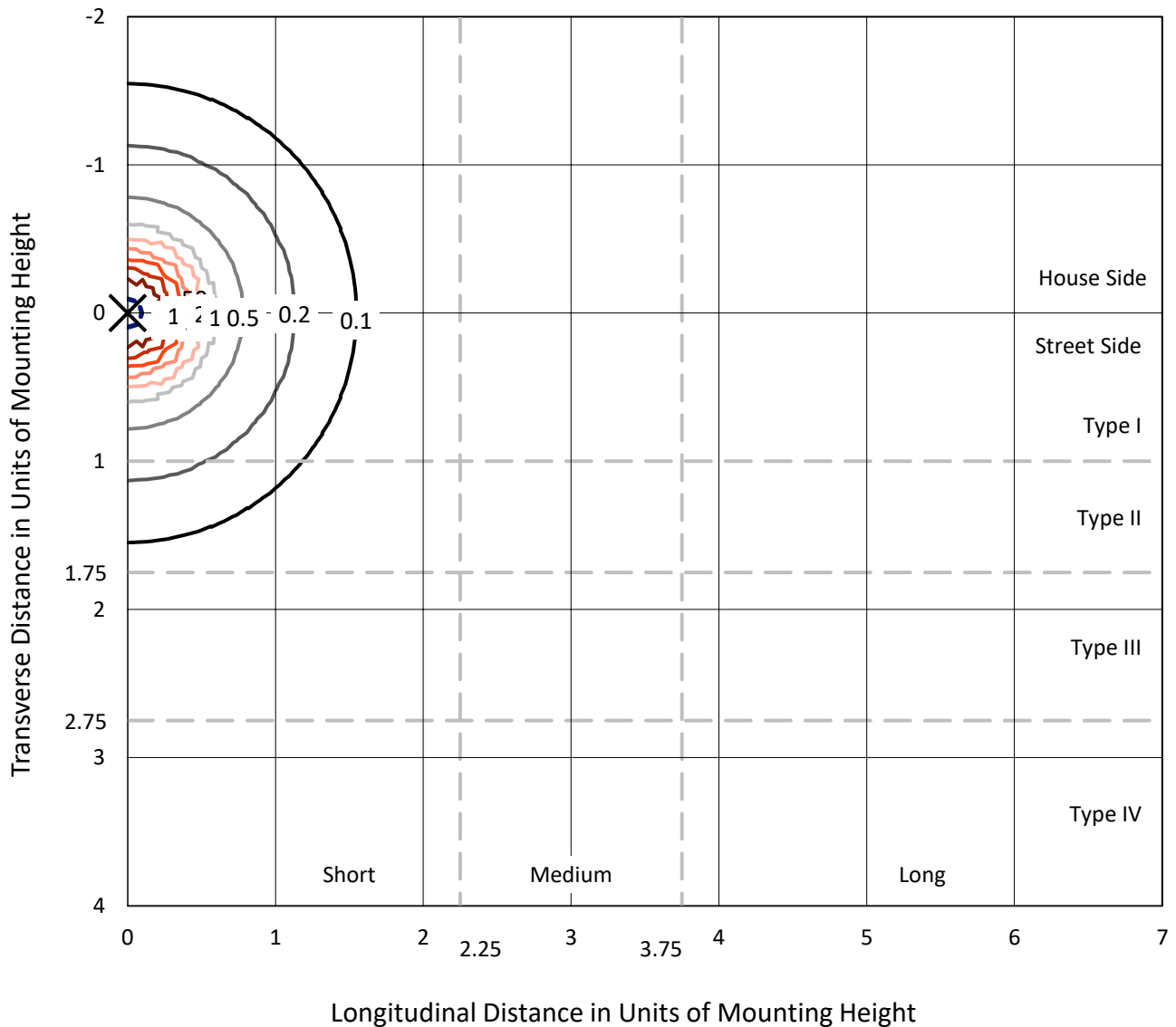
Lumens per Lamp: N/A
Luminaire Lumens: 21234.6 lumens
Efficiency: N/A
Efficacy: 97.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B5 - U0 - G1

Input Watts (W): 217.6
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

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Iso-Footcandle Lines of Horizontal Illumination

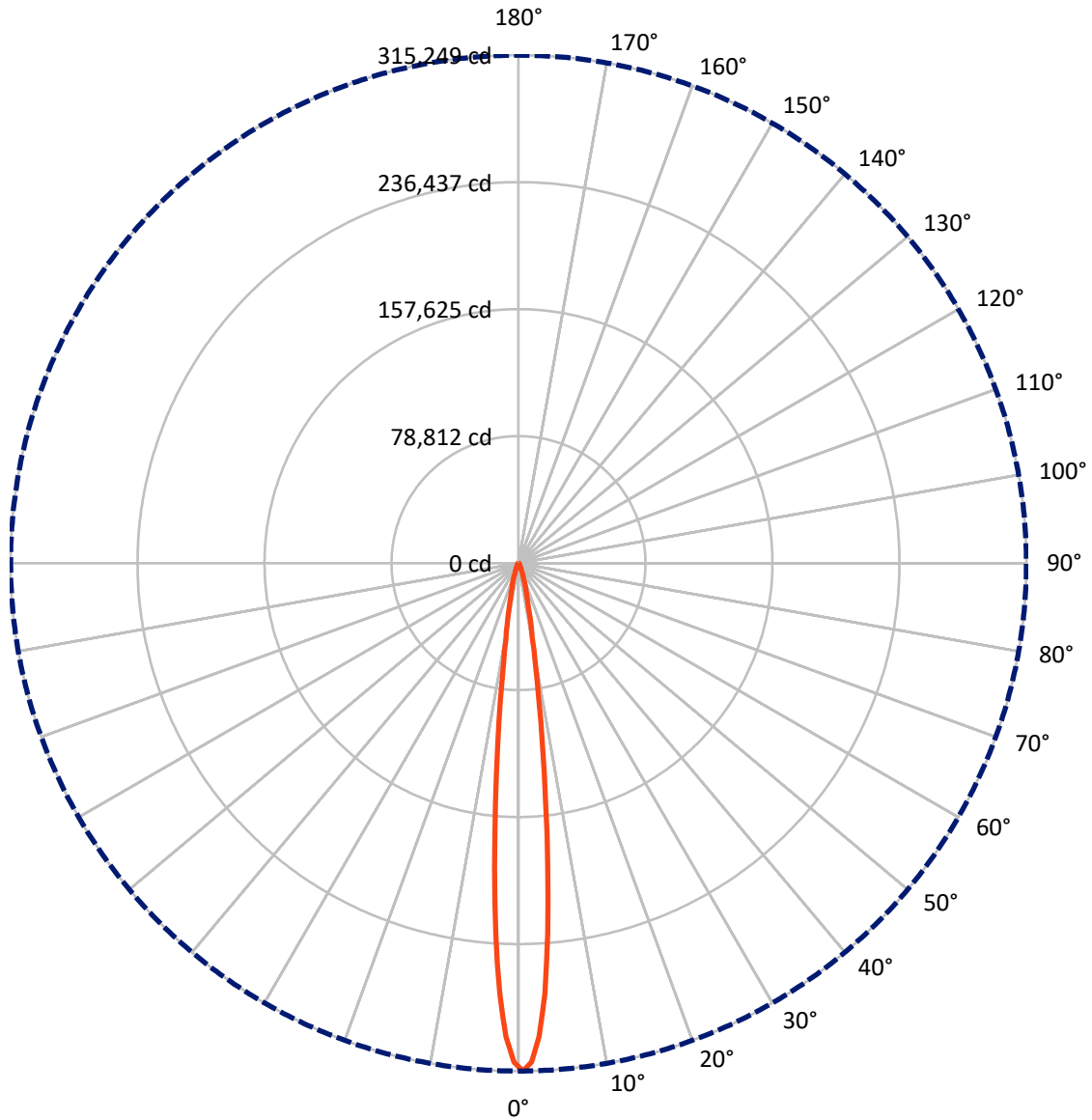
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 504.4 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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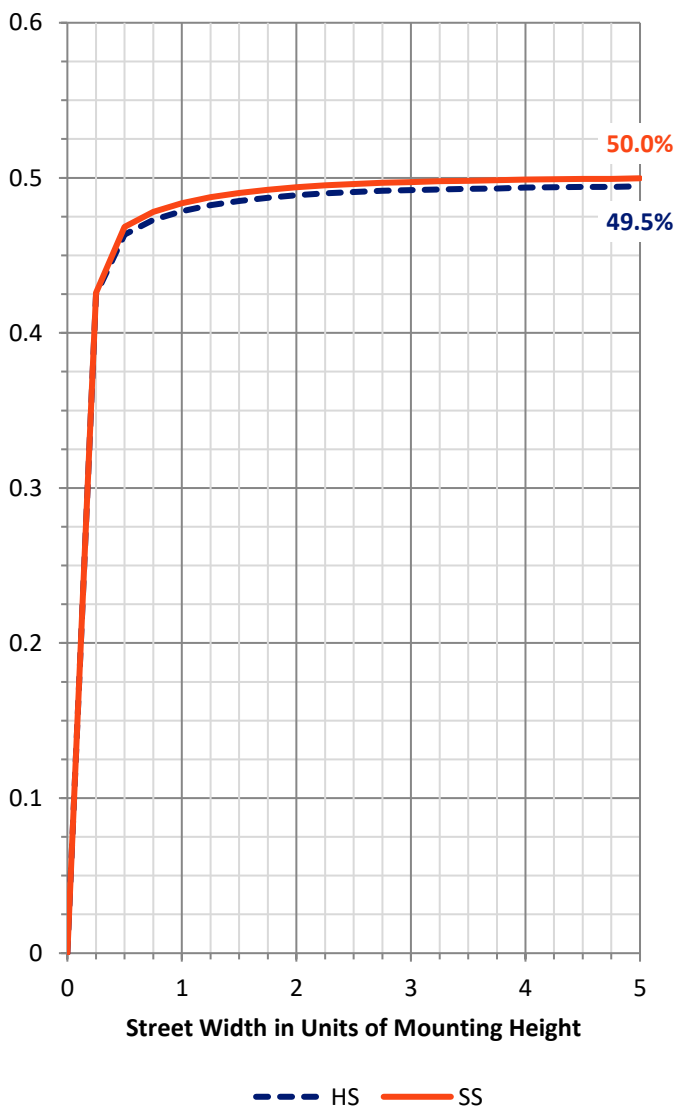
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10617.3	0.0	10617.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	10617.3	0.0	10617.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	21234.6	0.0	21234.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13029.1	61.4
10°-20°	5184.5	24.4
20°-30°	1195.4	5.6
30°-40°	453.8	2.1
40°-50°	370.4	1.7
50°-60°	355.7	1.7
60°-70°	340.8	1.6
70°-80°	225.6	1.1
80°-90°	79.3	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°	21234.6	100.0
0°-180°	21234.6	100.0

Coefficient of Utilization



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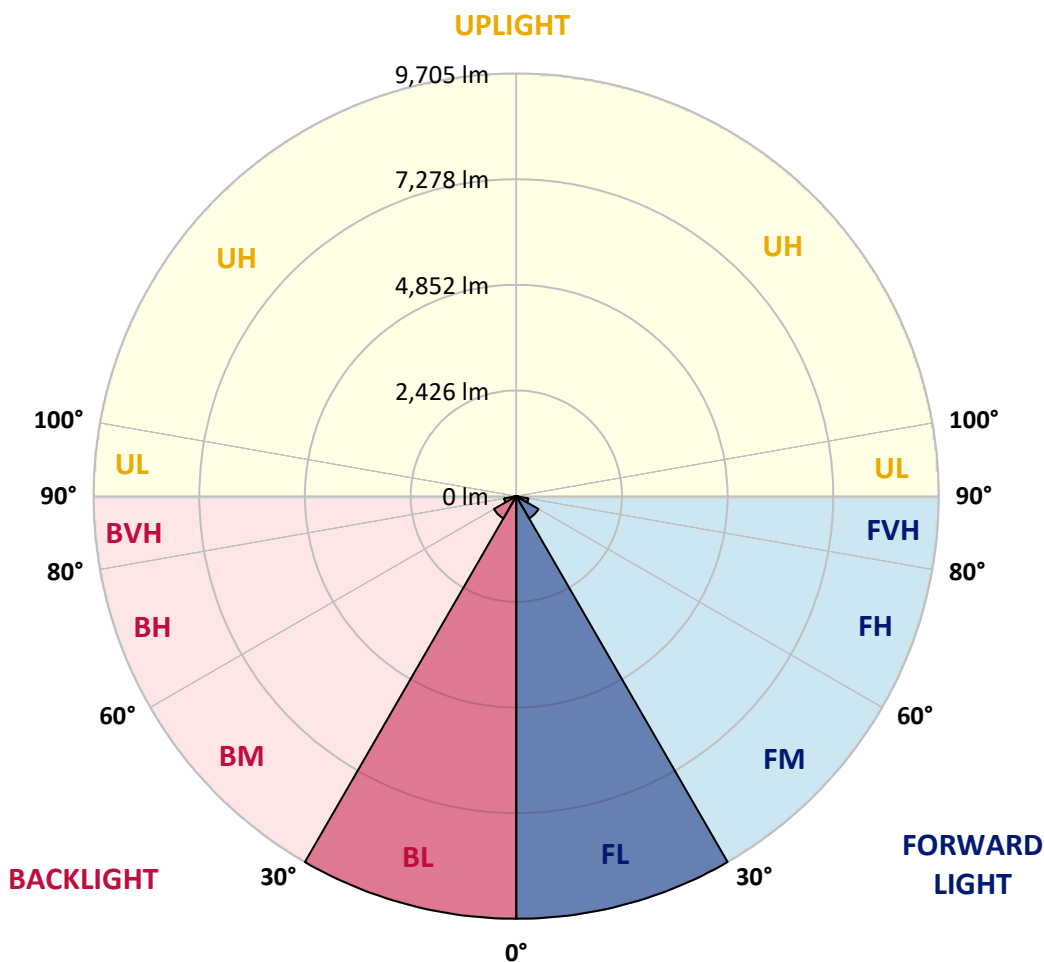
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	9704.5	45.7			
FM (30°-60°)	590.0	2.8			
FH (60°-80°)	283.2	1.3			G0/660
FVH (80°-90°)	39.6	0.2			G1/100
BL (0°-30°)	9704.5	45.7	B5		
BM (30°-60°)	590.0	2.8	B1/1000		
BH (60°-80°)	283.2	1.3	B1/500		G0/660
BVH (80°-90°)	39.6	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°	315249.3
1°	309703.6
2°	294169.3
3°	267487.5
4°	230801.7
5°	189436.2
6°	148930.6
7°	114089.2
8°	85151.7
9°	63486.0
10°	47344.3
12.5°	25803.2
15°	16556.2
17.5°	11172.4
20°	6642.4
22.5°	3695.1
25°	2112.4
27.5°	1339.7
30°	965.8
32.5°	788.2
35°	701.0
37.5°	651.2
40°	585.7
42.5°	520.3
45°	464.2
47.5°	436.2
50°	417.5
52.5°	405.0
55°	395.7
57.5°	389.4
60°	377.0
62.5°	367.6
65°	348.9
67.5°	324.0
70°	292.9
72.5°	252.4
75°	211.9
77.5°	174.5
80°	140.2
82.5°	109.0
85°	81.0
87.5°	31.2
90°	0.0

(END OF REPORT)