

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: P525889

Luminaire Tested: **IFLD-L-SA7E-930-U-22**

Issue Date: 05/27/2021

Test Information

Test Method: LM-79-08
Report Number: P525889
Test Lab: INNOVATION CENTER(G2)
Issue Date: 05/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7E-930-U-22
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 22
distribution lens
Light Source: (112) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

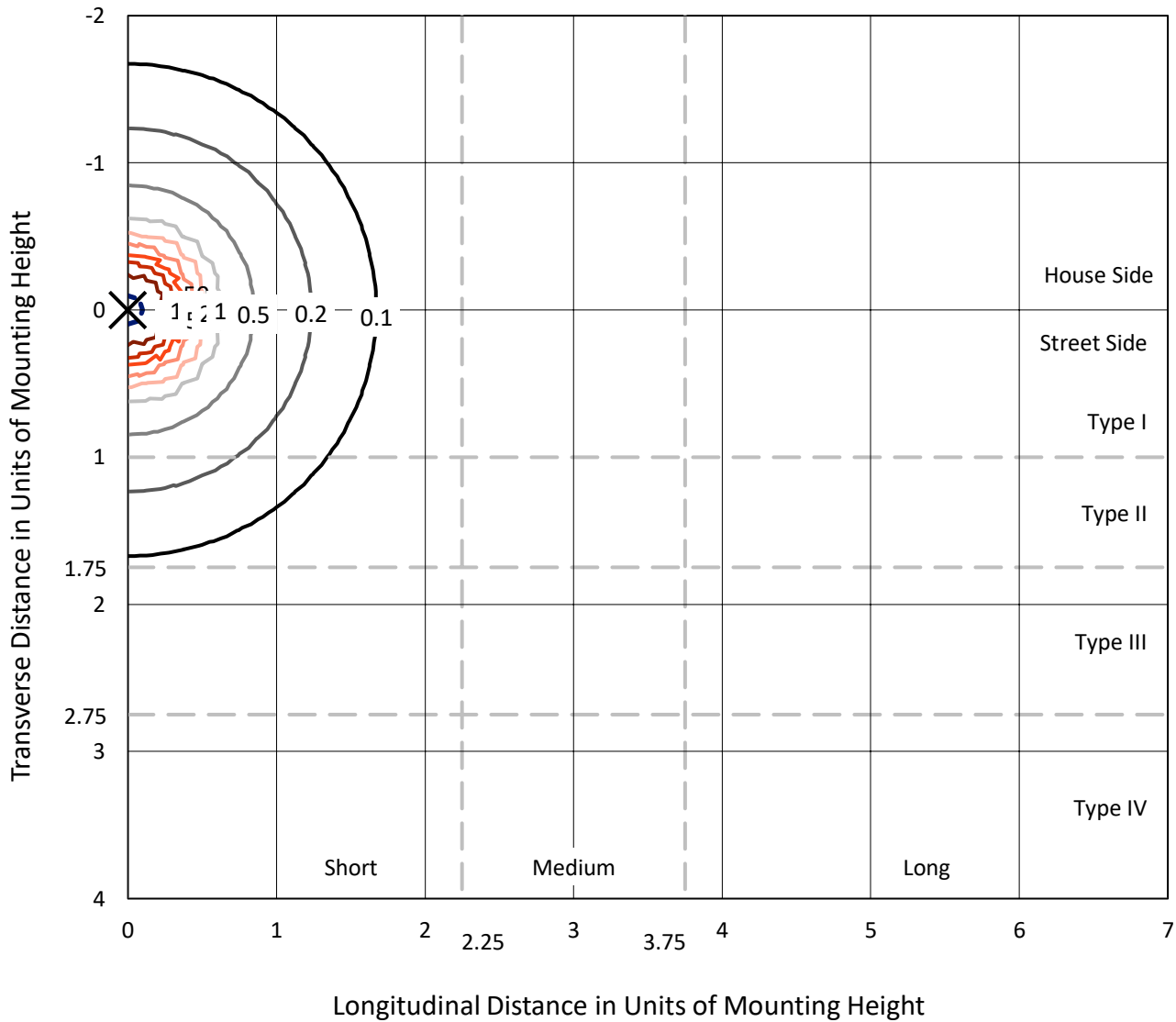
Lumens per Lamp: N/A
Luminaire Lumens: 36913.6 lumens
Efficiency: N/A
Efficacy: 69.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B5 - U0 - G1

Input Watts (W): 532.7
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

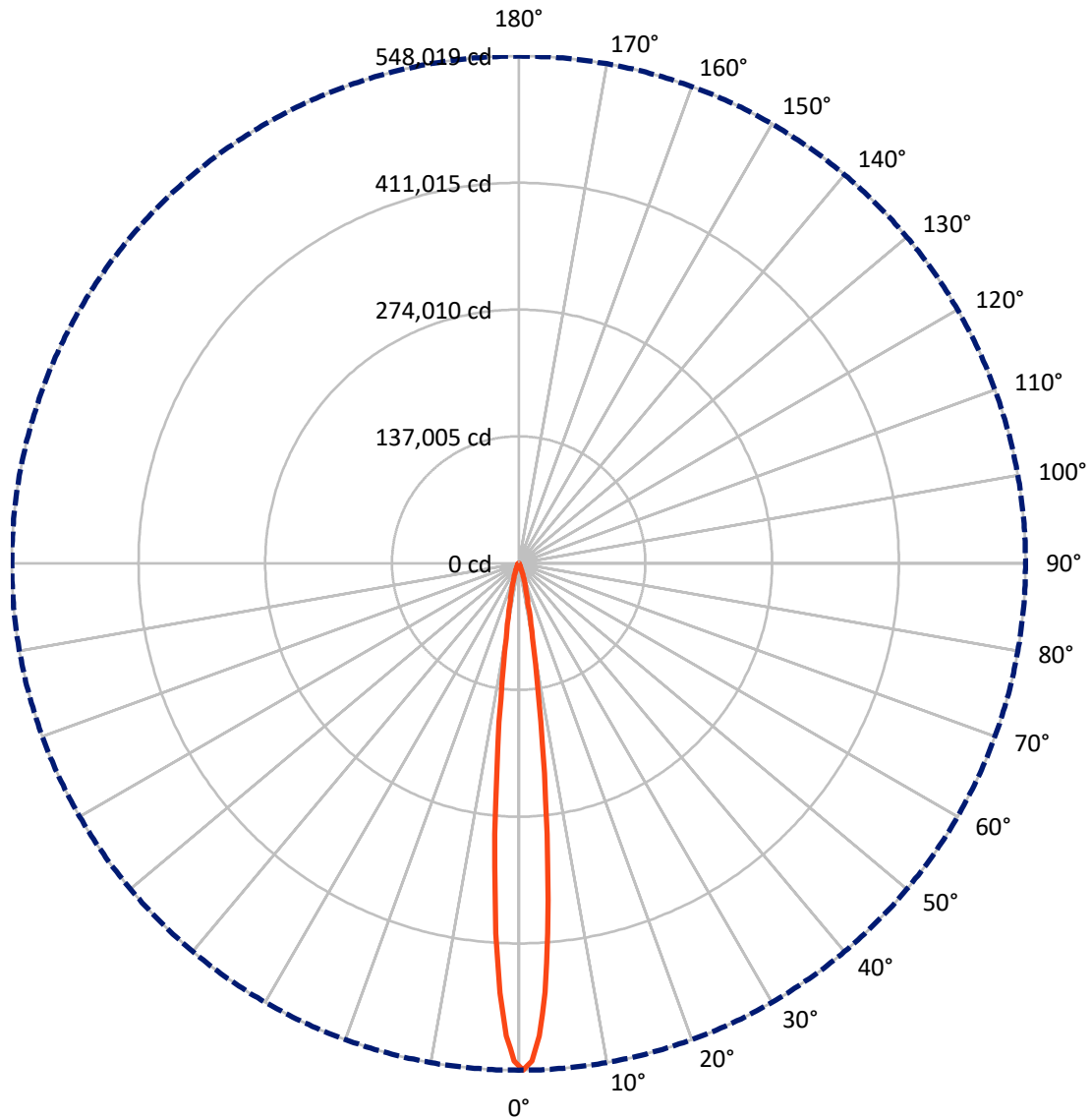
✕ Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 608.9 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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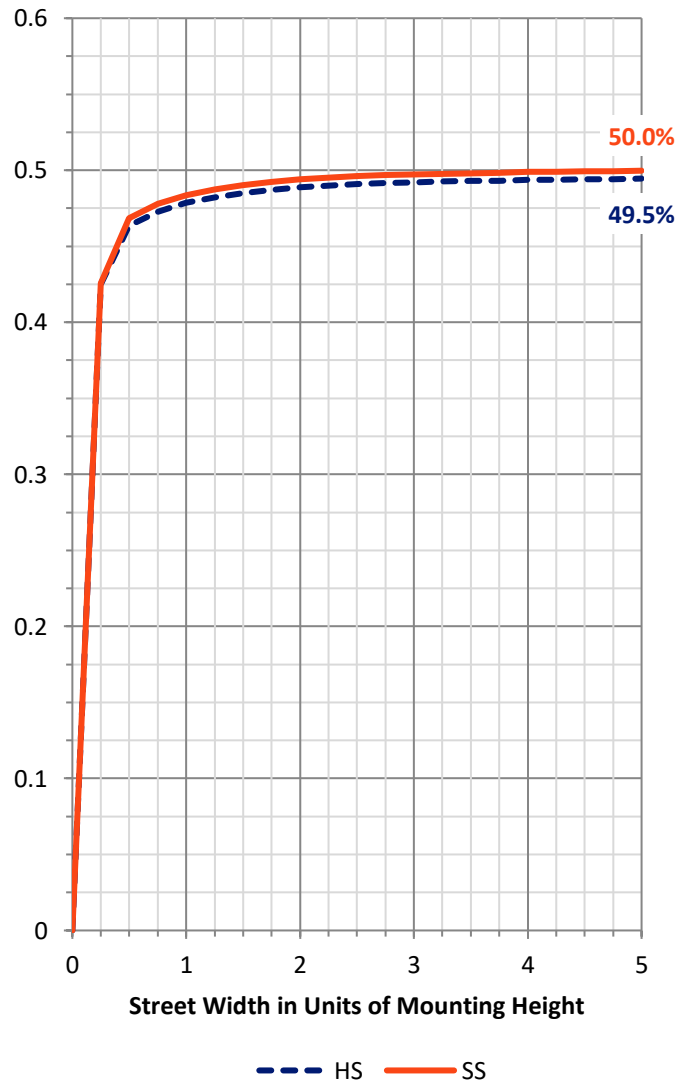
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	18456.8	0.0	18456.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	18456.8	0.0	18456.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	36913.6	0.0	36913.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22649.4	61.4
10°-20°	9012.5	24.4
20°-30°	2078.1	5.6
30°-40°	788.9	2.1
40°-50°	643.9	1.7
50°-60°	618.4	1.7
60°-70°	592.5	1.6
70°-80°	392.2	1.1
80°-90°	137.8	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°	36913.6	100.0
0°-180°	36913.6	100.0

Coefficient of Utilization



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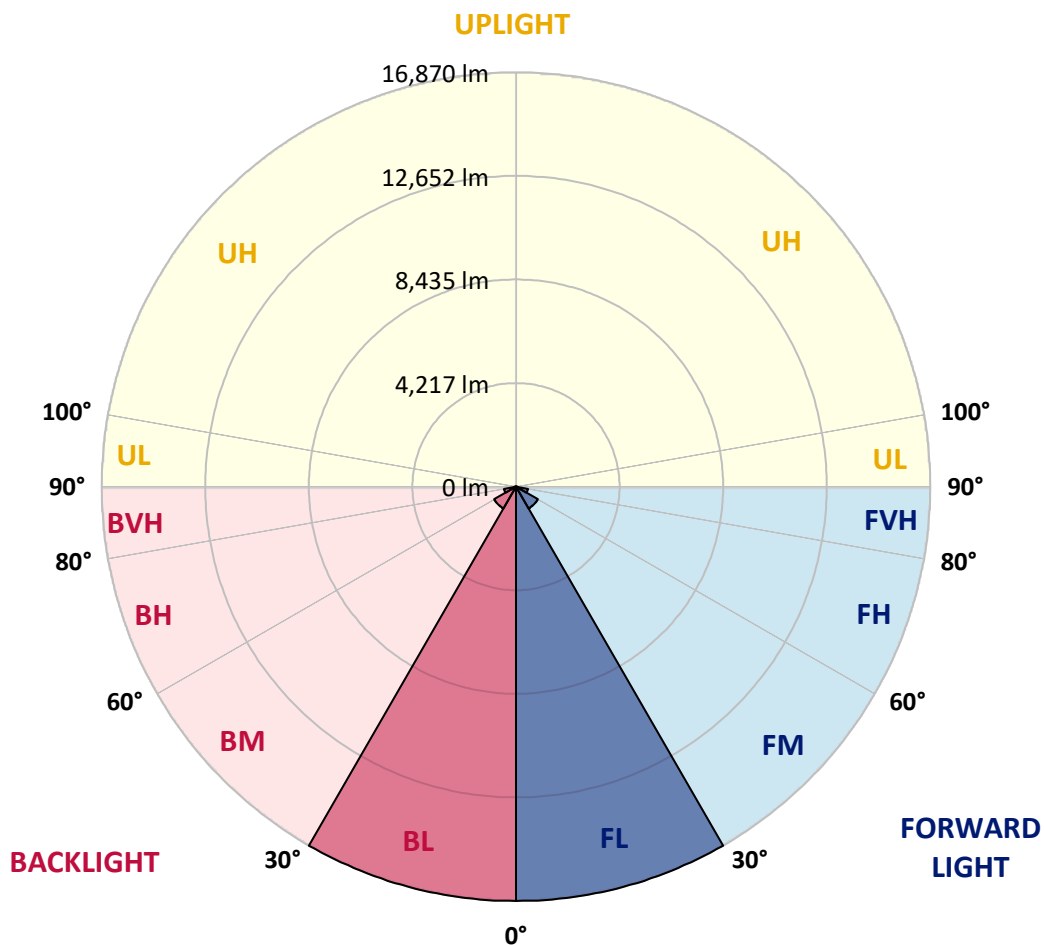
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	16870.0	45.7			
FM (30°-60°)	1025.6	2.8			
FH (60°-80°)	492.3	1.3			G0/660
FVH (80°-90°)	68.9	0.2			G1/100
BL (0°-30°)	16870.0	45.7	B5		
BM (30°-60°)	1025.6	2.8	B2/2500		
BH (60°-80°)	492.3	1.3	B1/500		G0/660
BVH (80°-90°)	68.9	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





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CANDELA DISTRIBUTION (FULL):

	0°
0°	548019.4
1°	538378.9
2°	511374.6
3°	464991.9
4°	401218.3
5°	329309.9
6°	258896.3
7°	198329.0
8°	148025.1
9°	110362.1
10°	82301.8
12.5°	44855.4
15°	28780.7
17.5°	19421.8
20°	11546.9
22.5°	6423.4
25°	3672.1
27.5°	2328.9
30°	1679.0
32.5°	1370.3
35°	1218.6
37.5°	1131.9
40°	1018.2
42.5°	904.5
45°	807.0
47.5°	758.2
50°	725.7
52.5°	704.1
55°	687.8
57.5°	677.0
60°	655.3
62.5°	639.1
65°	606.6
67.5°	563.3
70°	509.1
72.5°	438.7
75°	368.3
77.5°	303.3
80°	243.7
82.5°	189.6
85°	140.8
87.5°	54.2
90°	0.0

(END OF REPORT)