

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: P525886

Luminaire Tested: **IFLD-L-SA7B-930-U-22**

Issue Date: 05/27/2021



Test Information

Test Method: LM-79-08
Report Number: P525886
Test Lab: INNOVATION CENTER(G2)
Issue Date: 05/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7B-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

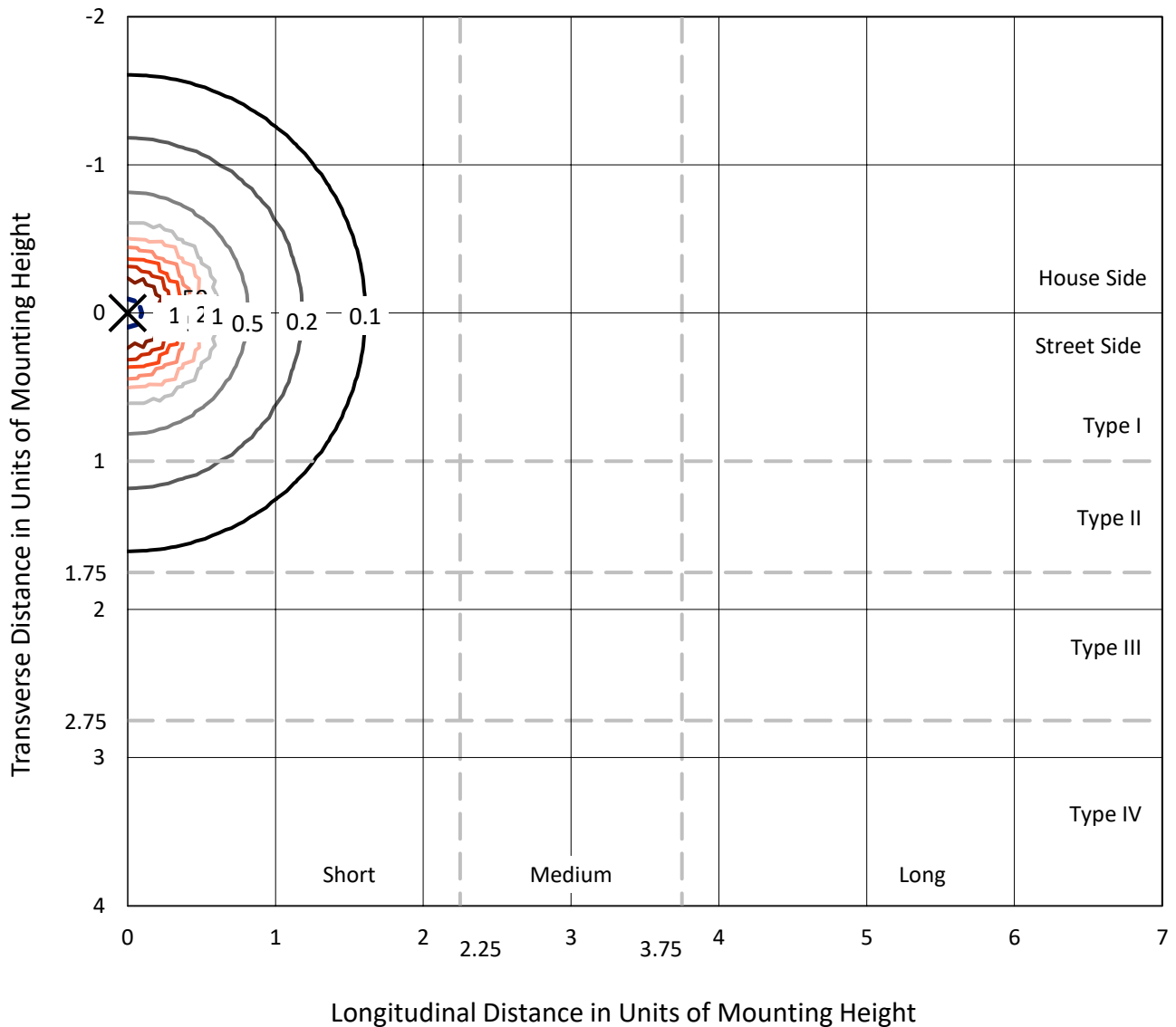
Lumens per Lamp: N/A
Luminaire Lumens: 23286.7 lumens
Efficiency: N/A
Efficacy: 82.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B5 - U0 - G1

Input Watts (W): 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

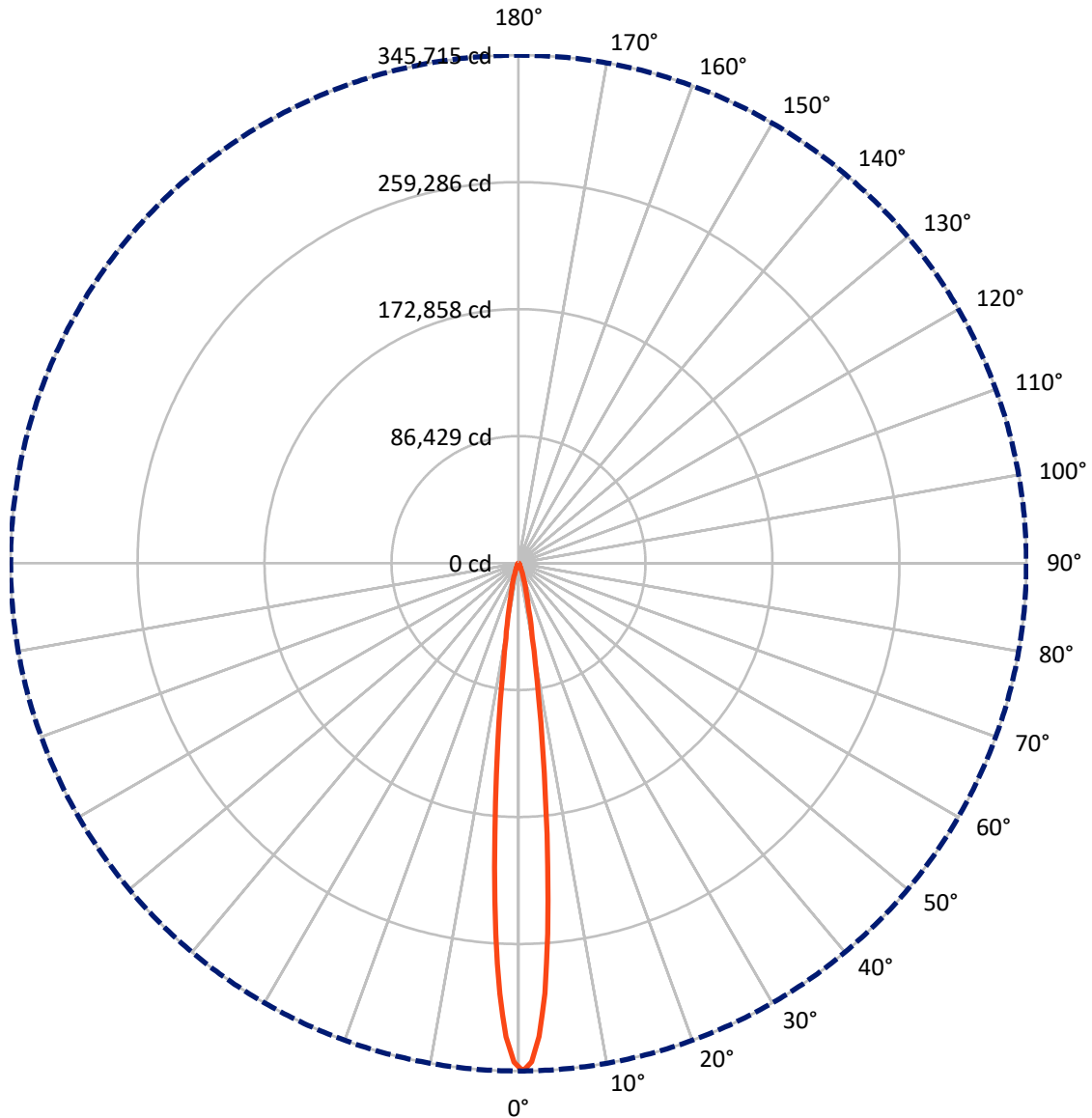
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 553.1 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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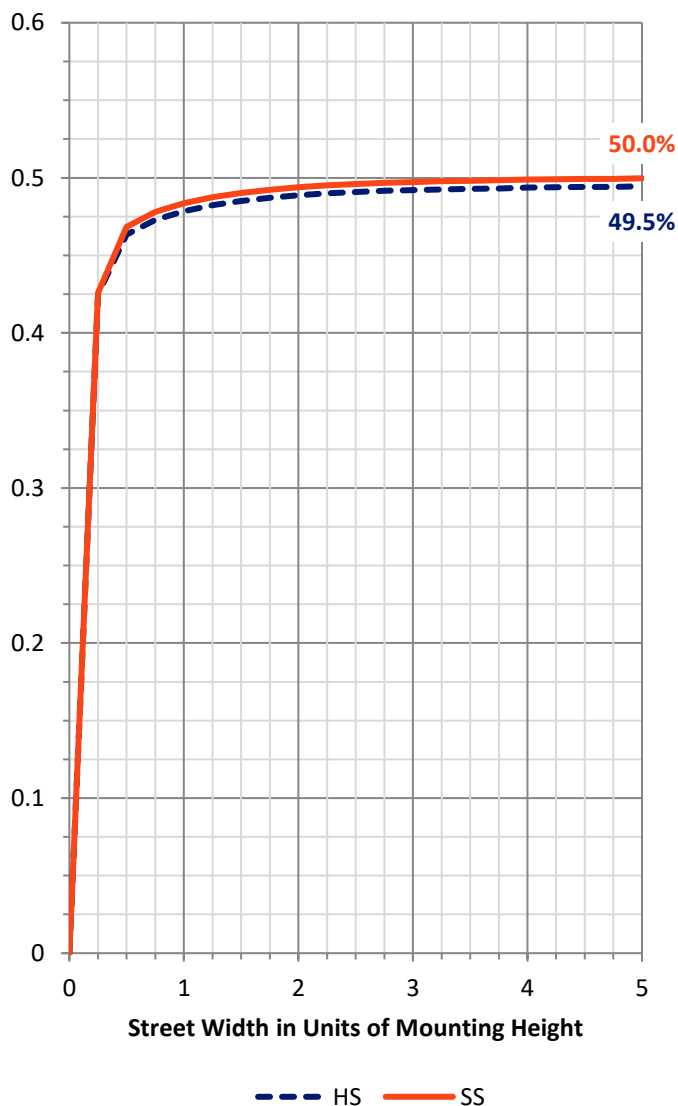
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11643.4	0.0	11643.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	11643.4	0.0	11643.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	23286.7	0.0	23286.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14288.3	61.4
10°-20°	5685.5	24.4
20°-30°	1310.9	5.6
30°-40°	497.7	2.1
40°-50°	406.2	1.7
50°-60°	390.1	1.7
60°-70°	373.8	1.6
70°-80°	247.4	1.1
80°-90°	86.9	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°	23286.7	100.0
0°-180°	23286.7	100.0

Coefficient of Utilization



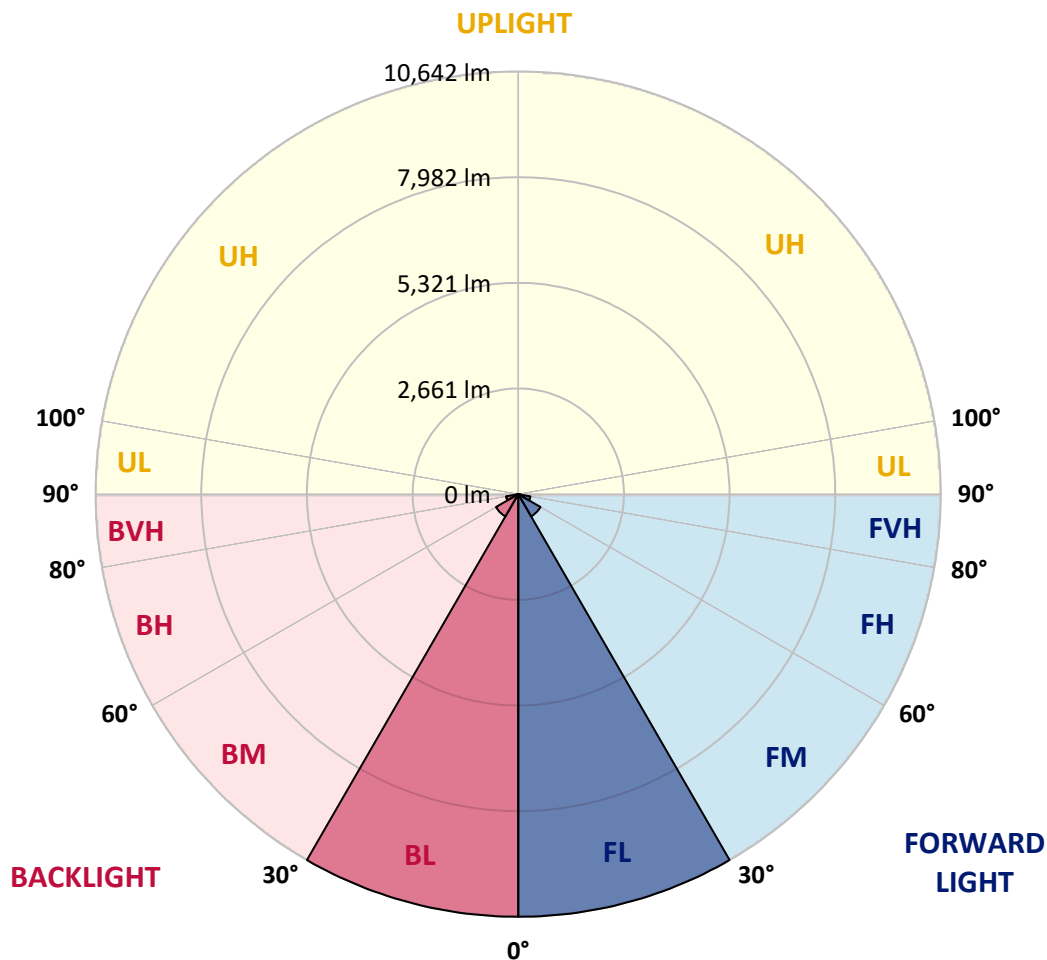
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	10642.3	45.7			
FM (30°-60°)	647.0	2.8			
FH (60°-80°)	310.6	1.3			G0/660
FVH (80°-90°)	43.5	0.2			G1/100
BL (0°-30°)	10642.3	45.7	B5		
BM (30°-60°)	647.0	2.8	B1/1000		
BH (60°-80°)	310.6	1.3	B1/500		G0/660
BVH (80°-90°)	43.5	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°	345715.0
1°	339633.4
2°	322597.9
3°	293337.6
4°	253106.4
5°	207743.4
6°	163323.3
7°	125114.8
8°	93380.8
9°	69621.3
10°	51919.6
12.5°	28296.8
15°	18156.1
17.5°	12252.2
20°	7284.3
22.5°	4052.2
25°	2316.5
27.5°	1469.2
30°	1059.2
32.5°	864.4
35°	768.7
37.5°	714.1
40°	642.3
42.5°	570.6
45°	509.1
47.5°	478.3
50°	457.8
52.5°	444.2
55°	433.9
57.5°	427.1
60°	413.4
62.5°	403.2
65°	382.7
67.5°	355.3
70°	321.2
72.5°	276.7
75°	232.3
77.5°	191.3
80°	153.7
82.5°	119.6
85°	88.8
87.5°	34.2
90°	0.0

(END OF REPORT)