

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: P525687

Luminaire Tested: **IFLD-M-SA4C-930-U-33**

Issue Date: 05/27/2021



Test Information

Test Method: LM-79-08
Report Number: P525687
Test Lab: INNOVATION CENTER(G2)
Issue Date: 05/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4C-930-U-33
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 33 distribution lens
Light Source: (64) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

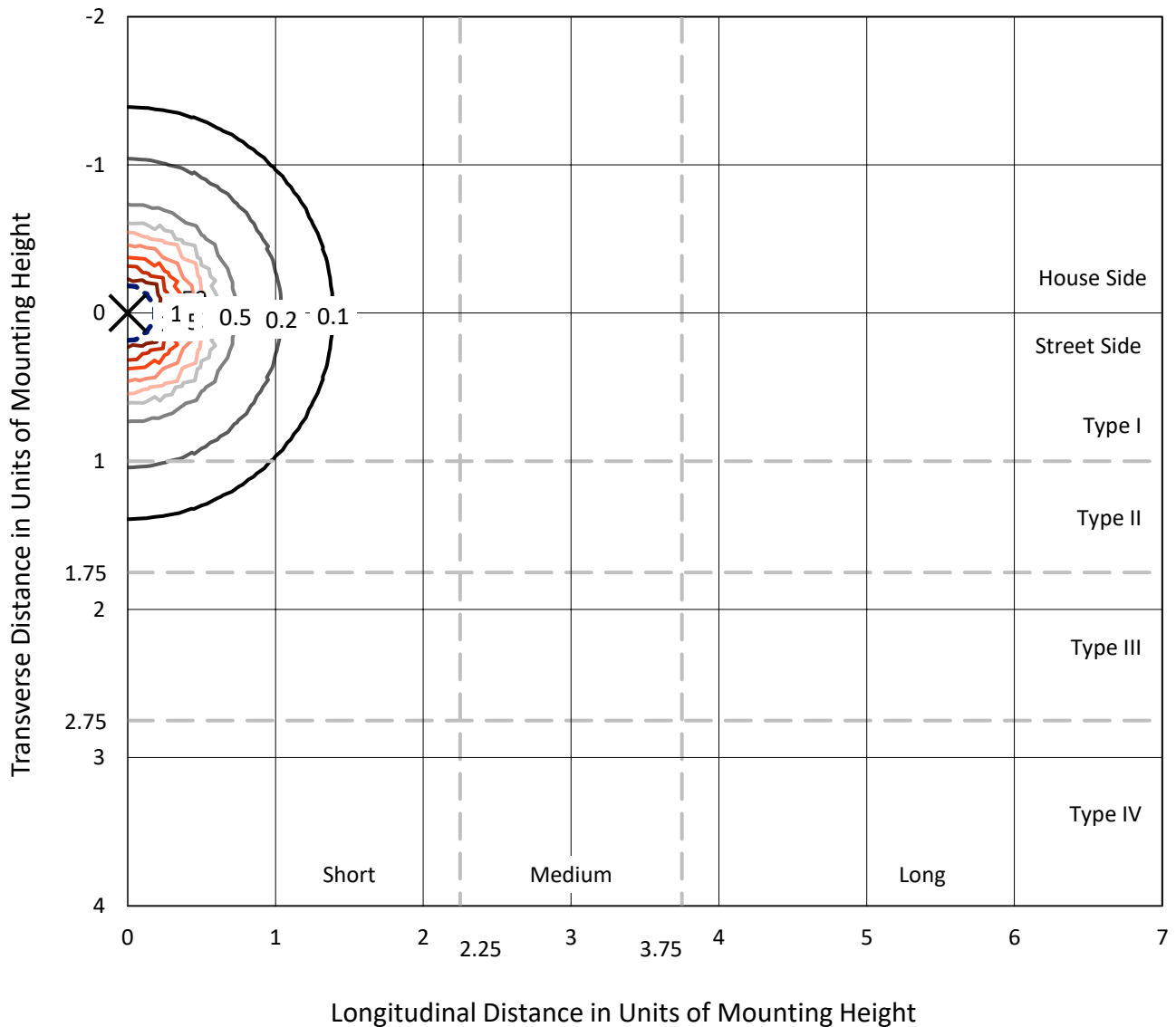
Lumens per Lamp: N/A
Luminaire Lumens: 18522.7 lumens
Efficiency: N/A
Efficacy: 84.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B5 - U0 - G1

Input Watts (W): 218.1
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

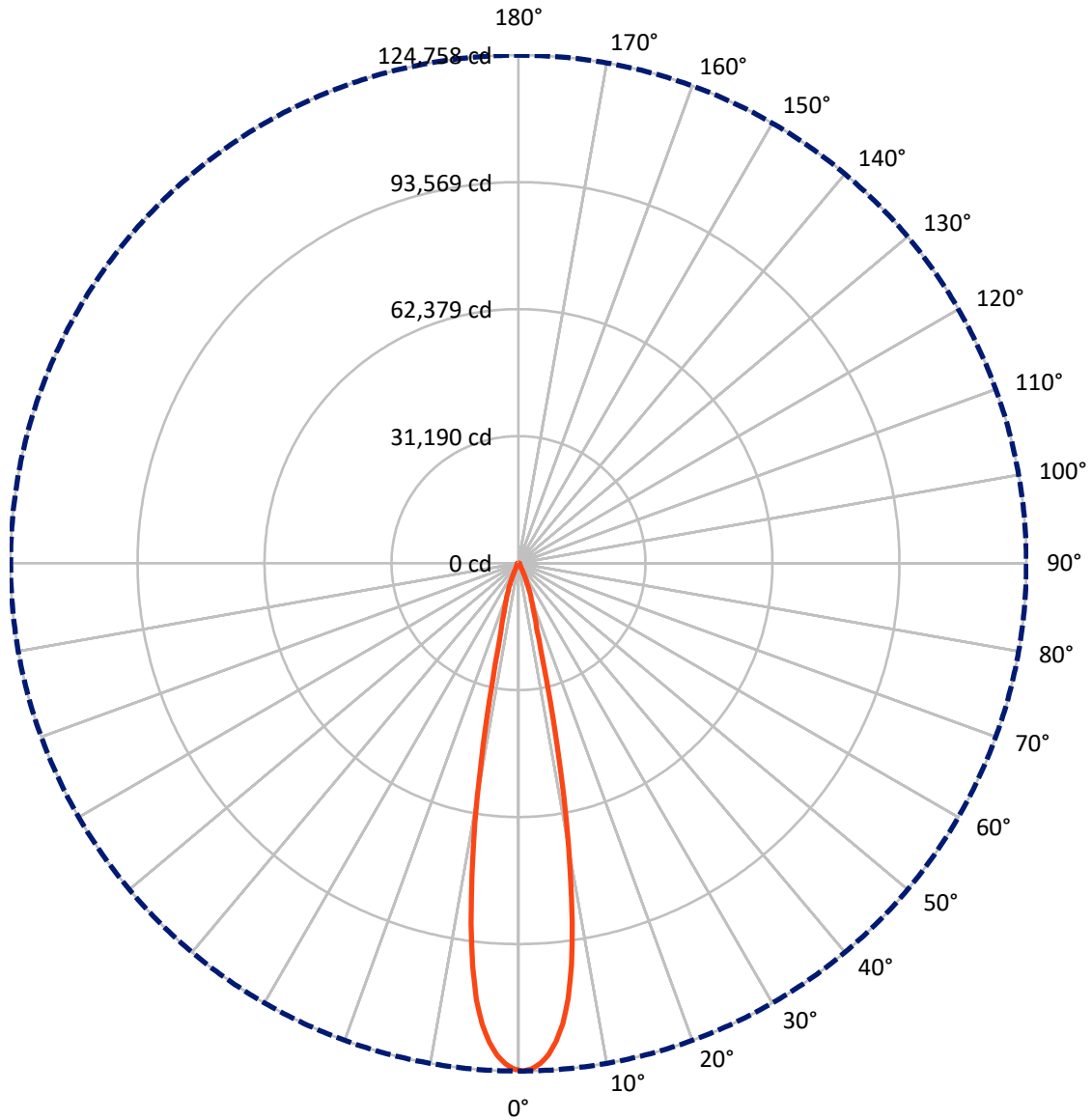
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 199.6 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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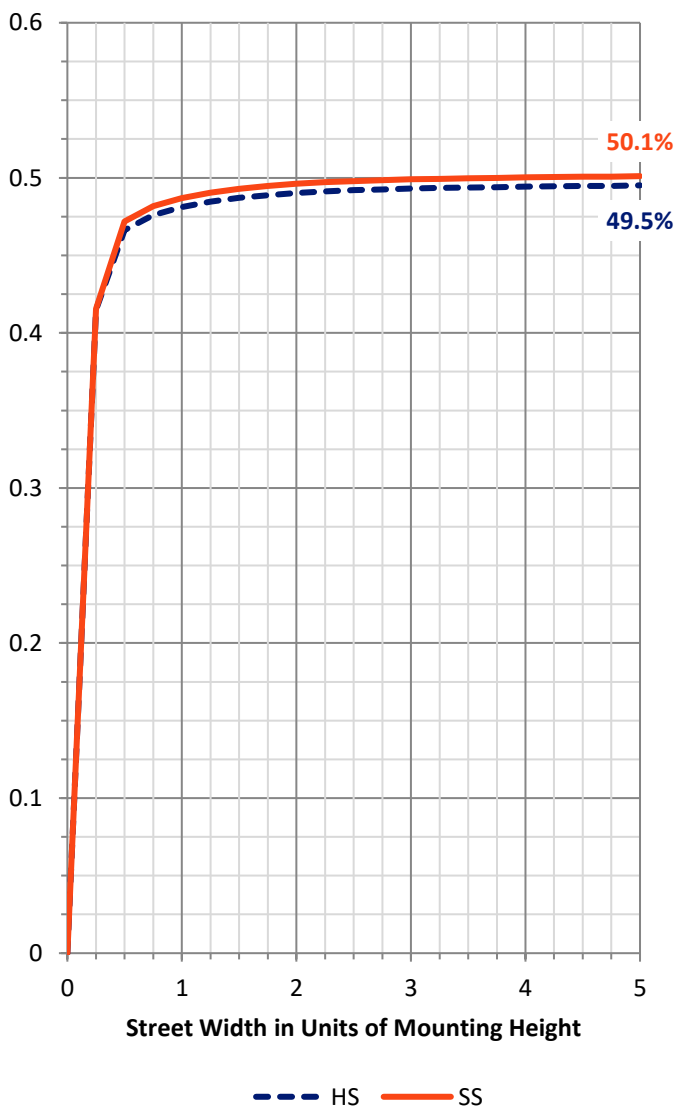
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9261.3	0.0	9261.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	9261.3	0.0	9261.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	18522.7	0.0	18522.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9288.9	50.1
10°-20°	6110.0	33.0
20°-30°	1643.5	8.9
30°-40°	408.4	2.2
40°-50°	304.7	1.6
50°-60°	280.2	1.5
60°-70°	257.0	1.4
70°-80°	166.2	0.9
80°-90°	63.9	0.3
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°	18522.7	100.0
0°-180°	18522.7	100.0

Coefficient of Utilization



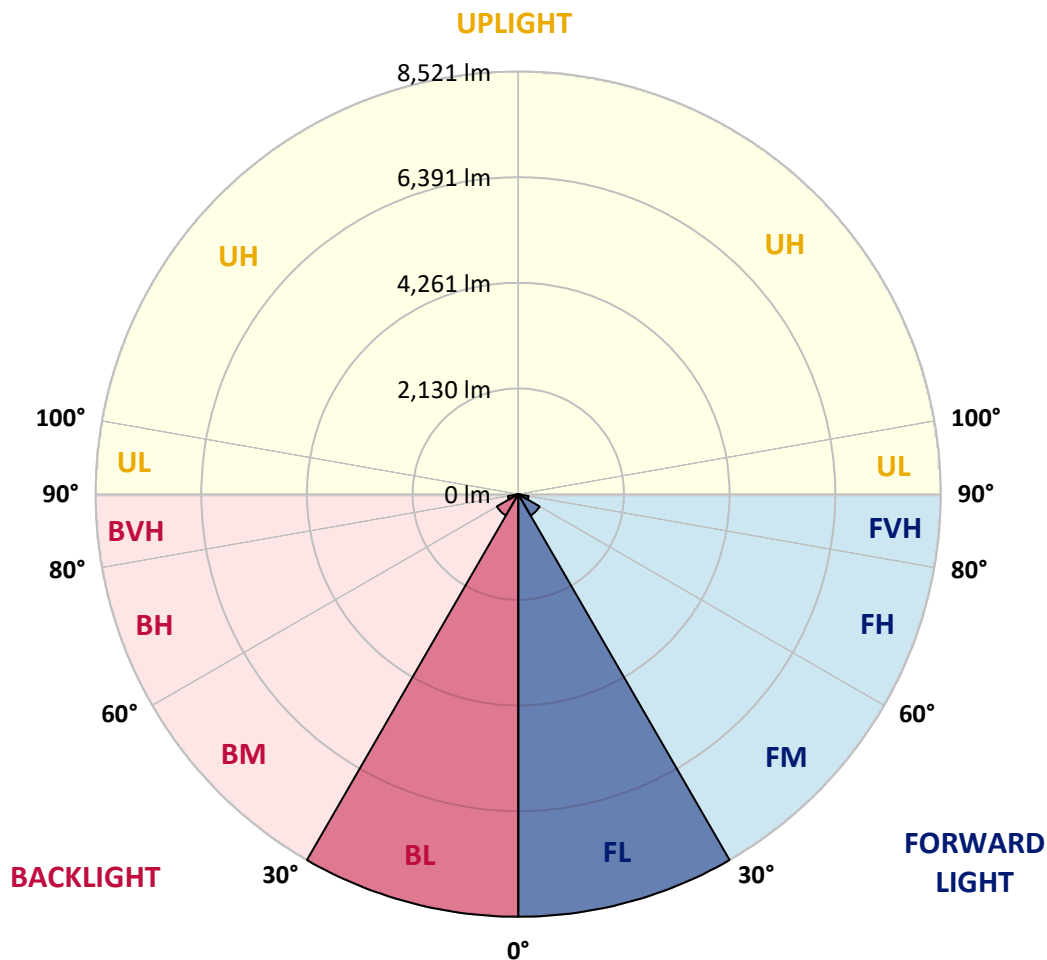
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	8521.2	46.0			
FM (30°-60°)	496.6	2.7			
FH (60°-80°)	211.6	1.1			G0/660
FVH (80°-90°)	31.9	0.2			G1/100
BL (0°-30°)	8521.2	46.0	B5		
BM (30°-60°)	496.6	2.7	B1/1000		
BH (60°-80°)	211.6	1.1	B1/500		G0/660
BVH (80°-90°)	31.9	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°	124758.3
1°	124270.0
2°	123039.9
3°	120945.1
4°	117893.0
5°	113643.5
6°	107711.0
7°	99591.1
8°	89294.6
9°	77151.5
10°	64836.6
11°	51608.0
12°	39328.6
13°	29062.1
14°	21749.5
15°	17033.6
17.5°	11417.5
20°	8253.6
22.5°	5441.5
25°	3194.0
27.5°	1792.0
30°	1001.0
32.5°	731.0
35°	619.2
37.5°	545.5
40°	480.0
42.5°	431.0
45°	387.3
47.5°	357.3
50°	332.8
52.5°	319.1
55°	310.9
57.5°	305.5
60°	297.3
62.5°	280.9
65°	261.8
67.5°	240.0
70°	212.7
72.5°	182.7
75°	155.5
77.5°	130.9
80°	109.1
82.5°	87.3
85°	65.5
87.5°	27.3



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)