

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: P525496

Luminaire Tested: **IFLD-L-SA7B-930-U-44**

Issue Date: 05/27/2021

Test Information

Test Method: LM-79-08
Report Number: P525496
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-44
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 44
distribution lens
Light Source: (112) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23431.1 lumens
Efficiency: N/A
Efficacy: 83.4 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

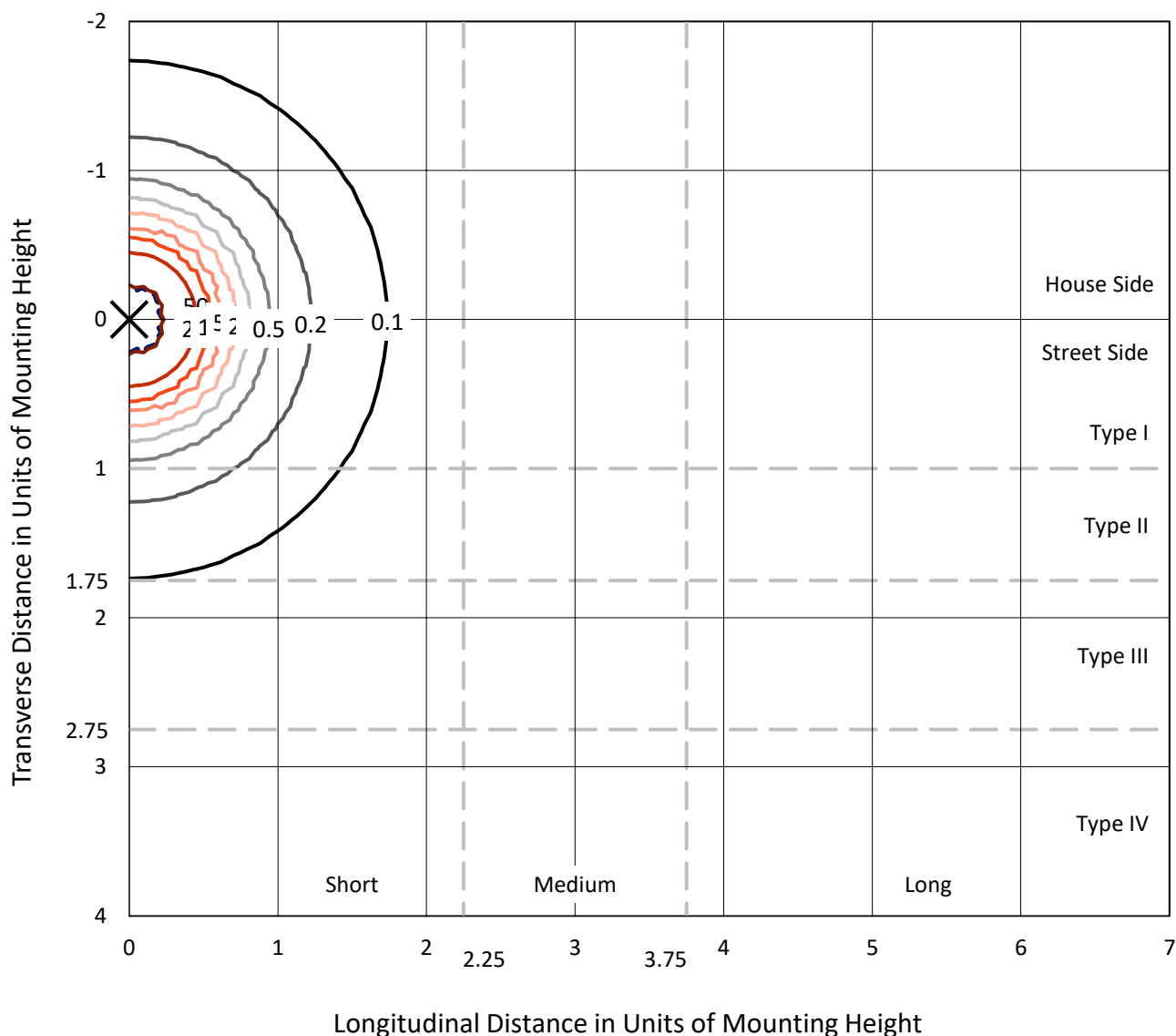
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

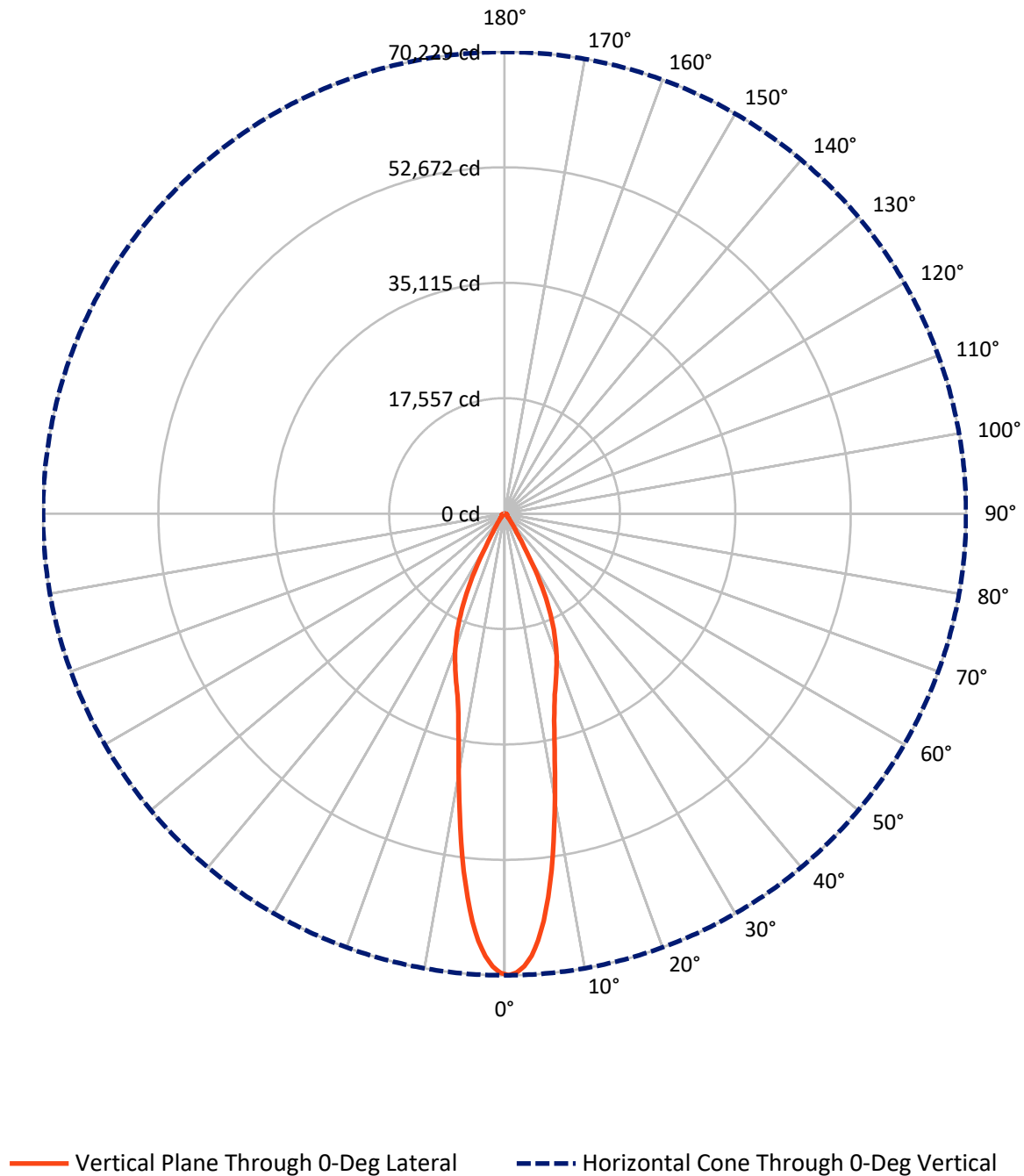


Based on 25 foot mounting height. Maximum calculated value = 112.4 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11715.6	0.0	11715.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	11715.6	0.0	11715.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	23431.1	0.0	23431.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5257.2	22.4
10°-20°	8198.8	35.0
20°-30°	6643.8	28.4
30°-40°	1612.4	6.9
40°-50°	542.7	2.3
50°-60°	428.8	1.8
60°-70°	427.7	1.8
70°-80°	236.1	1.0
80°-90°	83.7	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°	23431.1	100.0
0°-180°	23431.1	100.0

Coefficient of Utilization



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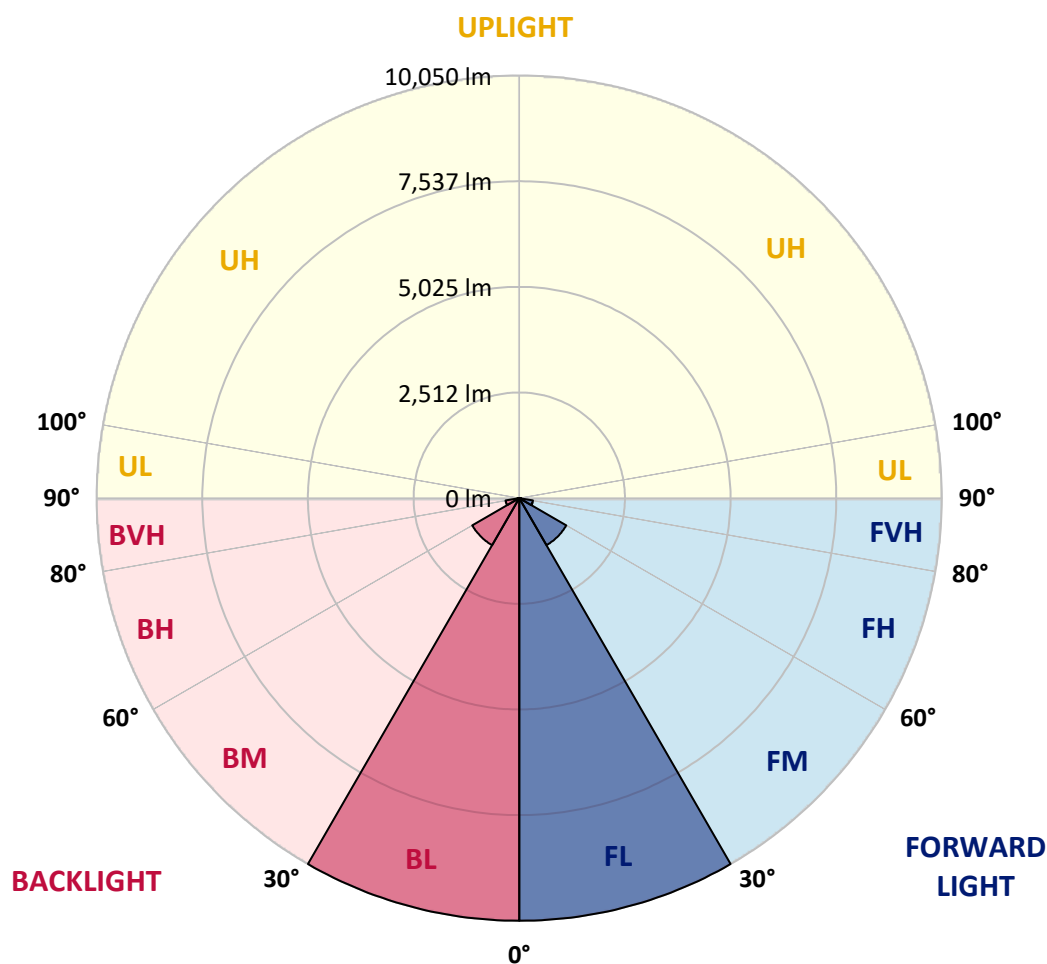
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	10049.9	42.9			
FM	(30°-60°)	1292.0	5.5			
FH	(60°-80°)	331.9	1.4			G0/660
FVH	(80°-90°)	41.8	0.2			G1/100
BL	(0°-30°)	10049.9	42.9	B5		
BM	(30°-60°)	1292.0	5.5	B2/2500		
BH	(60°-80°)	331.9	1.4	B1/500		G0/660
BVH	(80°-90°)	41.8	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°	70229.0
1°	69863.4
2°	68923.9
3°	67366.0
4°	65128.2
5°	62241.3
6°	58705.2
7°	54752.3
8°	50461.3
9°	46142.8
10°	42012.3
11°	38295.2
12°	35039.3
13°	32364.2
14°	30232.3
15°	28554.9
17.5°	25449.3
20°	22559.0
22.5°	19173.2
25°	15240.9
27.5°	10758.5
30°	5845.6
32.5°	3361.8
35°	2244.6
37.5°	1530.6
40°	1089.9
42.5°	843.9
45°	659.4
47.5°	539.8
50°	495.4
52.5°	471.5
55°	461.2
57.5°	478.3
60°	505.6
62.5°	495.4
65°	440.7
67.5°	379.2
70°	321.1
72.5°	266.5
75°	218.7
77.5°	177.7
80°	143.5
82.5°	116.2
85°	88.8
87.5°	30.7

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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)