

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: P525501

Luminaire Tested: **IFLD-L-SA8B-930-U-44**

Issue Date: 05/27/2021

Test Information

Test Method: LM-79-08
Report Number: P525501
Test Lab: INNOVATION CENTER(G2)
Issue Date: 05/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8B-930-U-44
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 44
distribution lens
Light Source: (128) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26341.1 lumens
Efficiency: N/A
Efficacy: 82.3 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): 320
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

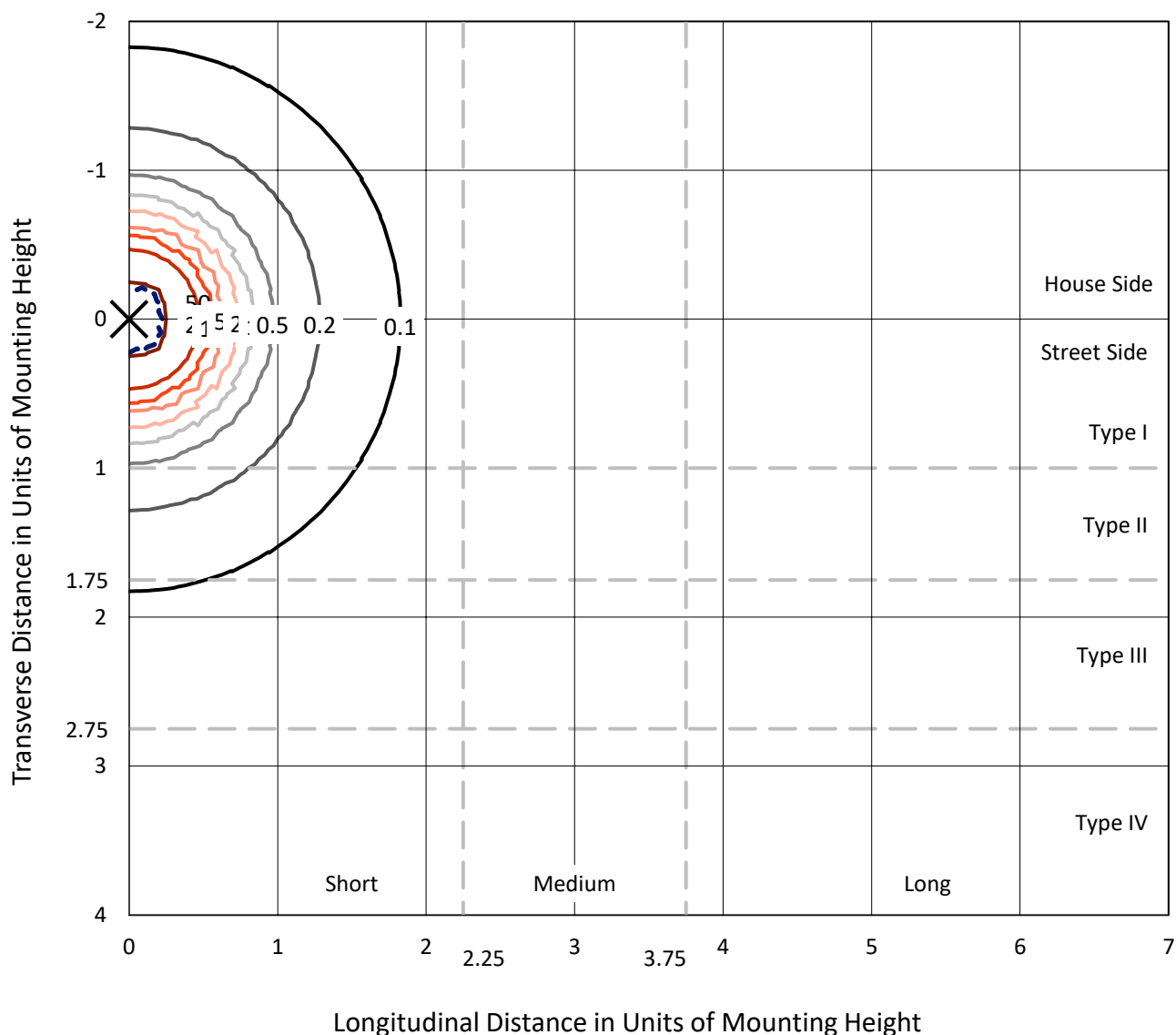
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

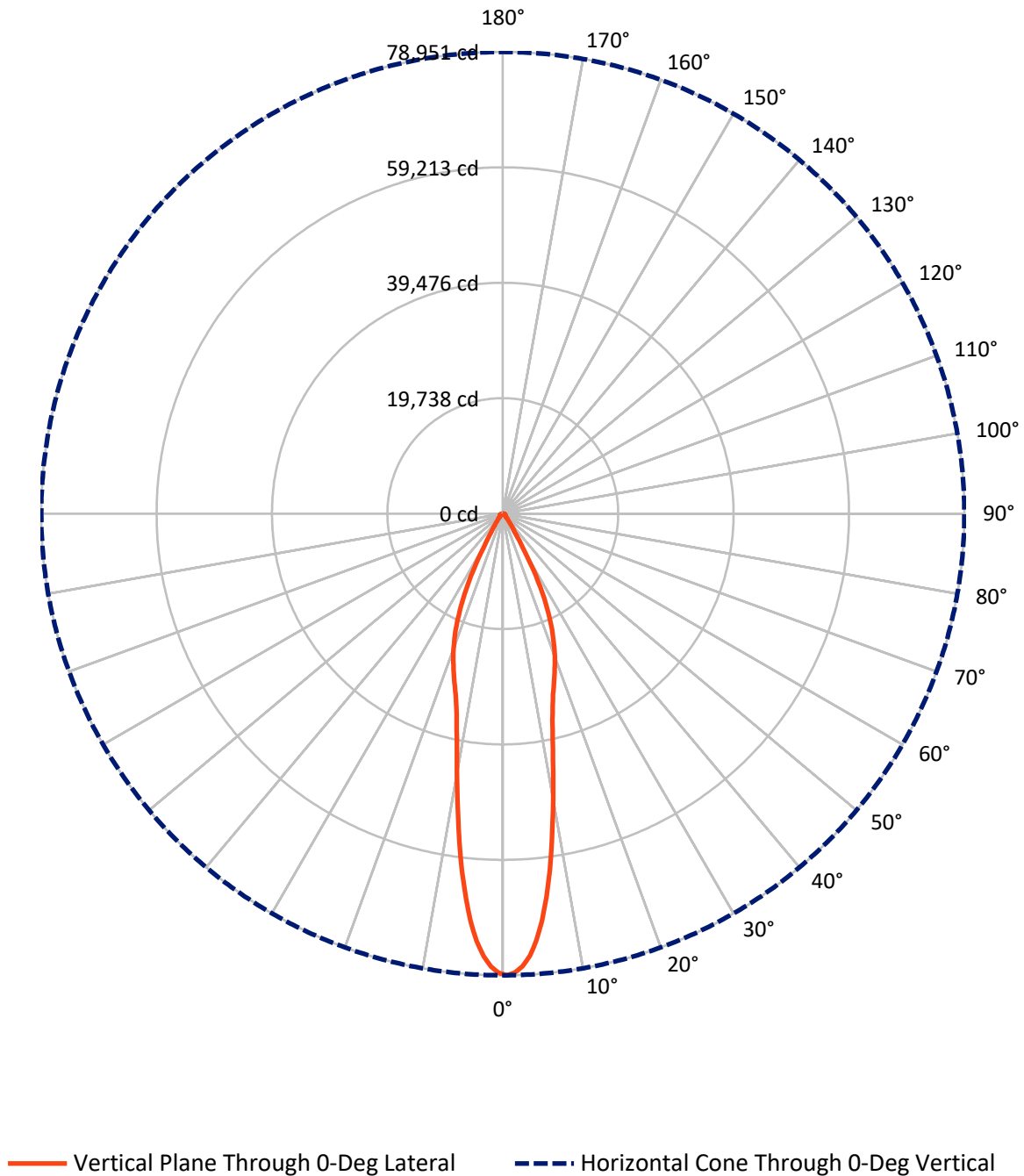


Based on 25 foot mounting height. Maximum calculated value = 126.3 fc

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	13170.6	0.0	13170.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	13170.6	0.0	13170.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	26341.1	0.0	26341.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5910.1	22.4
10°-20°	9217.1	35.0
20°-30°	7468.9	28.4
30°-40°	1812.7	6.9
40°-50°	610.0	2.3
50°-60°	482.1	1.8
60°-70°	480.8	1.8
70°-80°	265.4	1.0
80°-90°	94.1	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°	26341.1	100.0
0°-180°	26341.1	100.0

Coefficient of Utilization



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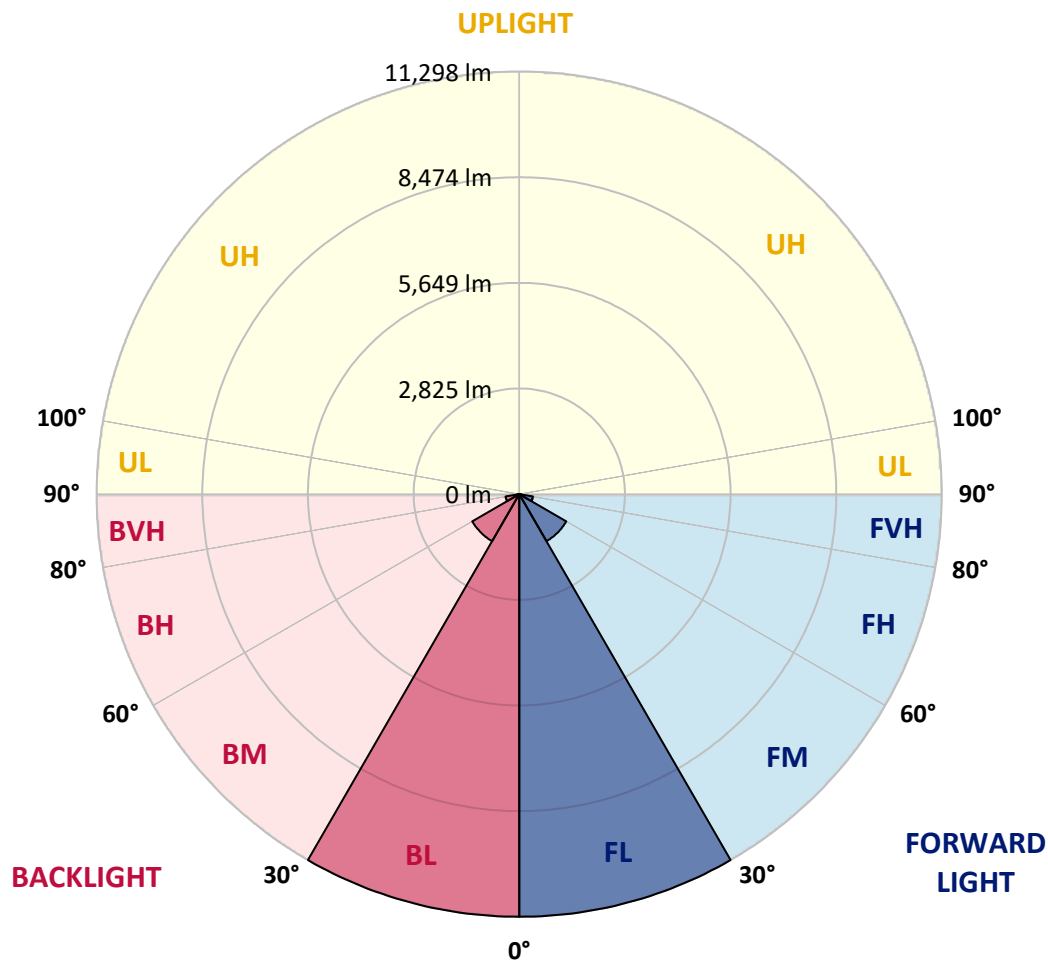
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	11298.0	42.9			
FM	(30°-60°)	1452.4	5.5			
FH	(60°-80°)	373.1	1.4			G0/660
FVH	(80°-90°)	47.0	0.2			G1/100
BL	(0°-30°)	11298.0	42.9	B5		
BM	(30°-60°)	1452.4	5.5	B2/2500		
BH	(60°-80°)	373.1	1.4	B1/500		G0/660
BVH	(80°-90°)	47.0	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°	78951.0
1°	78540.1
2°	77483.9
3°	75732.5
4°	73216.7
5°	69971.3
6°	65996.1
7°	61552.3
8°	56728.3
9°	51873.5
10°	47230.0
11°	43051.3
12°	39391.0
13°	36383.7
14°	33987.0
15°	32101.2
17.5°	28610.0
20°	25360.7
22.5°	21554.4
25°	17133.7
27.5°	12094.6
30°	6571.6
32.5°	3779.3
35°	2523.4
37.5°	1720.7
40°	1225.2
42.5°	948.7
45°	741.3
47.5°	606.8
50°	556.9
52.5°	530.0
55°	518.5
57.5°	537.7
60°	568.4
62.5°	556.9
65°	495.5
67.5°	426.3
70°	361.0
72.5°	299.6
75°	245.8
77.5°	199.7
80°	161.3
82.5°	130.6
85°	99.9
87.5°	34.6

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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)