

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: P525542

Luminaire Tested: **IFLD-L-SA8D-935-U-44**

Issue Date: 05/27/2021

Test Information

Test Method: LM-79-08
Report Number: P525542
Test Lab: INNOVATION CENTER(G2)
Issue Date: 05/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-935-U-44
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 44 distribution lens
Light Source: (128) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

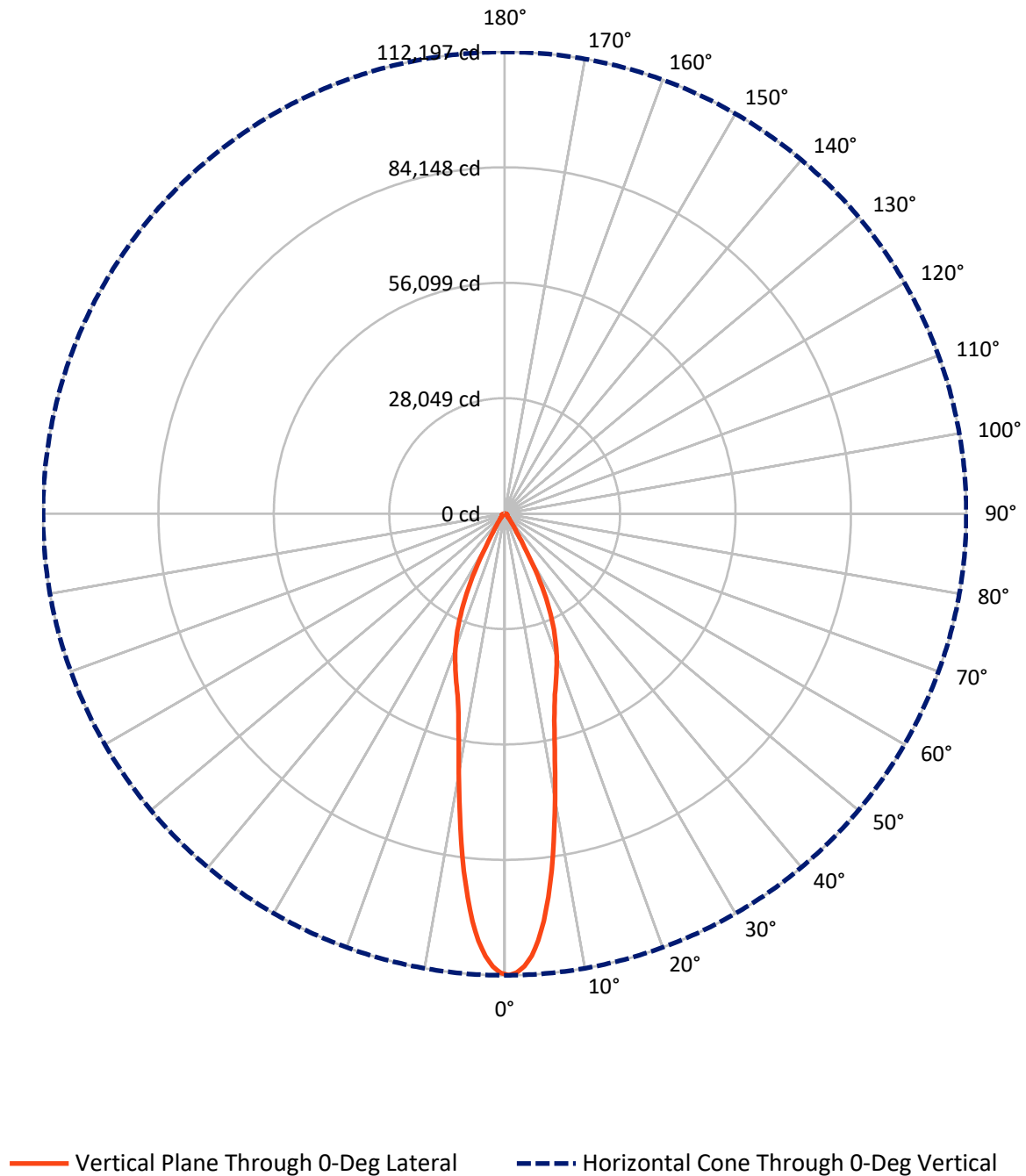
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 37433.2 lumens
Efficiency: N/A
Efficacy: 76.7 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): 488.3
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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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	18716.6	0.0	18716.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	18716.6	0.0	18716.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	37433.2	0.0	37433.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8398.8	22.4
10°-20°	13098.3	35.0
20°-30°	10614.0	28.4
30°-40°	2576.0	6.9
40°-50°	866.9	2.3
50°-60°	685.1	1.8
60°-70°	683.3	1.8
70°-80°	377.1	1.0
80°-90°	133.7	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°	37433.2	100.0
0°-180°	37433.2	100.0

Coefficient of Utilization



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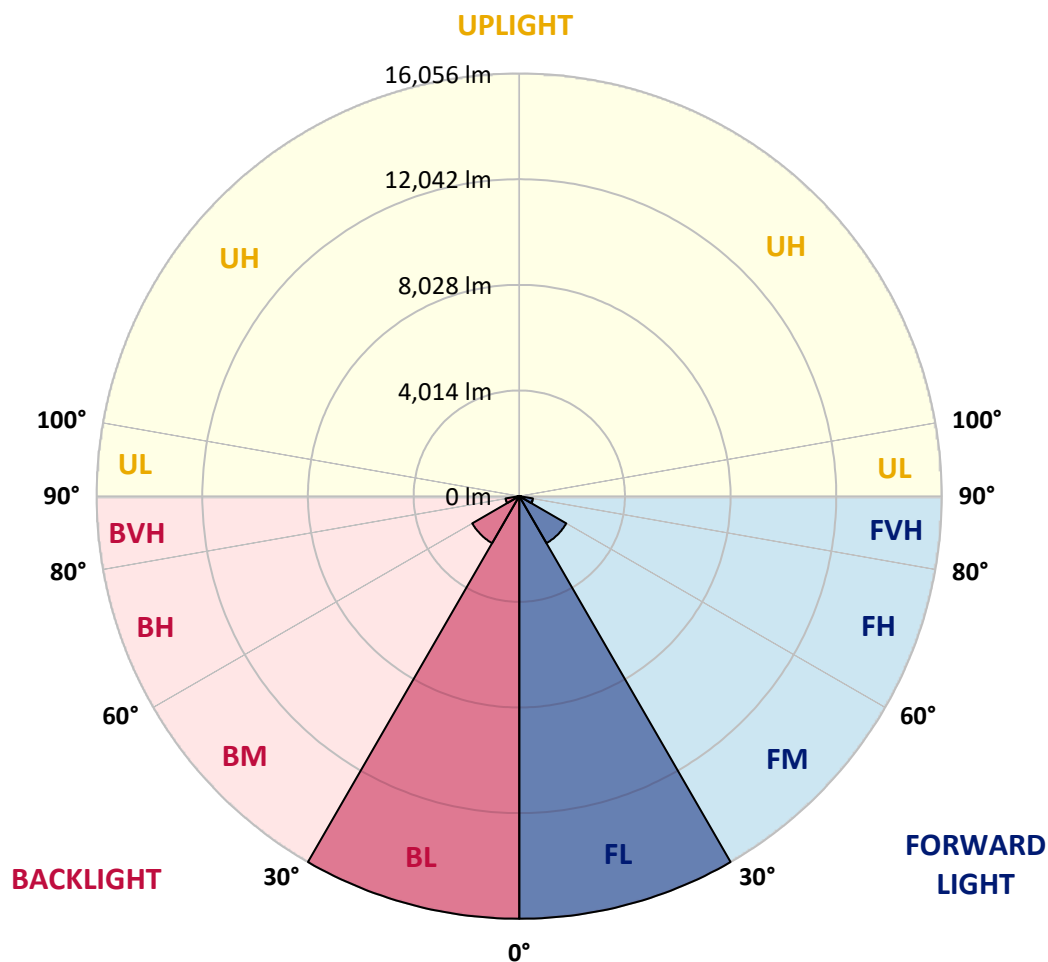
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	16055.6	42.9			
FM	(30°-60°)	2064.0	5.5			
FH	(60°-80°)	530.2	1.4			G0/660
FVH	(80°-90°)	66.8	0.2			G1/100
BL	(0°-30°)	16055.6	42.9	B5		
BM	(30°-60°)	2064.0	5.5	B2/2500		
BH	(60°-80°)	530.2	1.4	B2/1000		G0/660
BVH	(80°-90°)	66.8	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°	112197.0
1°	111613.0
2°	110112.0
3°	107623.1
4°	104048.0
5°	99435.9
6°	93786.8
7°	87471.8
8°	80616.4
9°	73717.3
10°	67118.4
11°	61180.0
12°	55978.4
13°	51704.7
14°	48298.9
15°	45618.9
17.5°	40657.5
20°	36039.9
22.5°	30630.9
25°	24348.7
27.5°	17187.6
30°	9338.8
32.5°	5370.8
35°	3586.0
37.5°	2445.2
40°	1741.1
42.5°	1348.2
45°	1053.4
47.5°	862.4
50°	791.4
52.5°	753.2
55°	736.8
57.5°	764.1
60°	807.8
62.5°	791.4
65°	704.1
67.5°	605.9
70°	513.1
72.5°	425.7
75°	349.3
77.5°	283.8
80°	229.2
82.5°	185.6
85°	141.9
87.5°	49.1

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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)