

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: P525527

Luminaire Tested: **IFLD-S-SA6D-935-U-44**

Issue Date: 05/27/2021

Test Information

Test Method: LM-79-08
Report Number: P525527
Test Lab: INNOVATION CENTER(G2)
Issue Date: 05/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6D-935-U-44
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 44
distribution lens
Light Source: (96) 3500K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

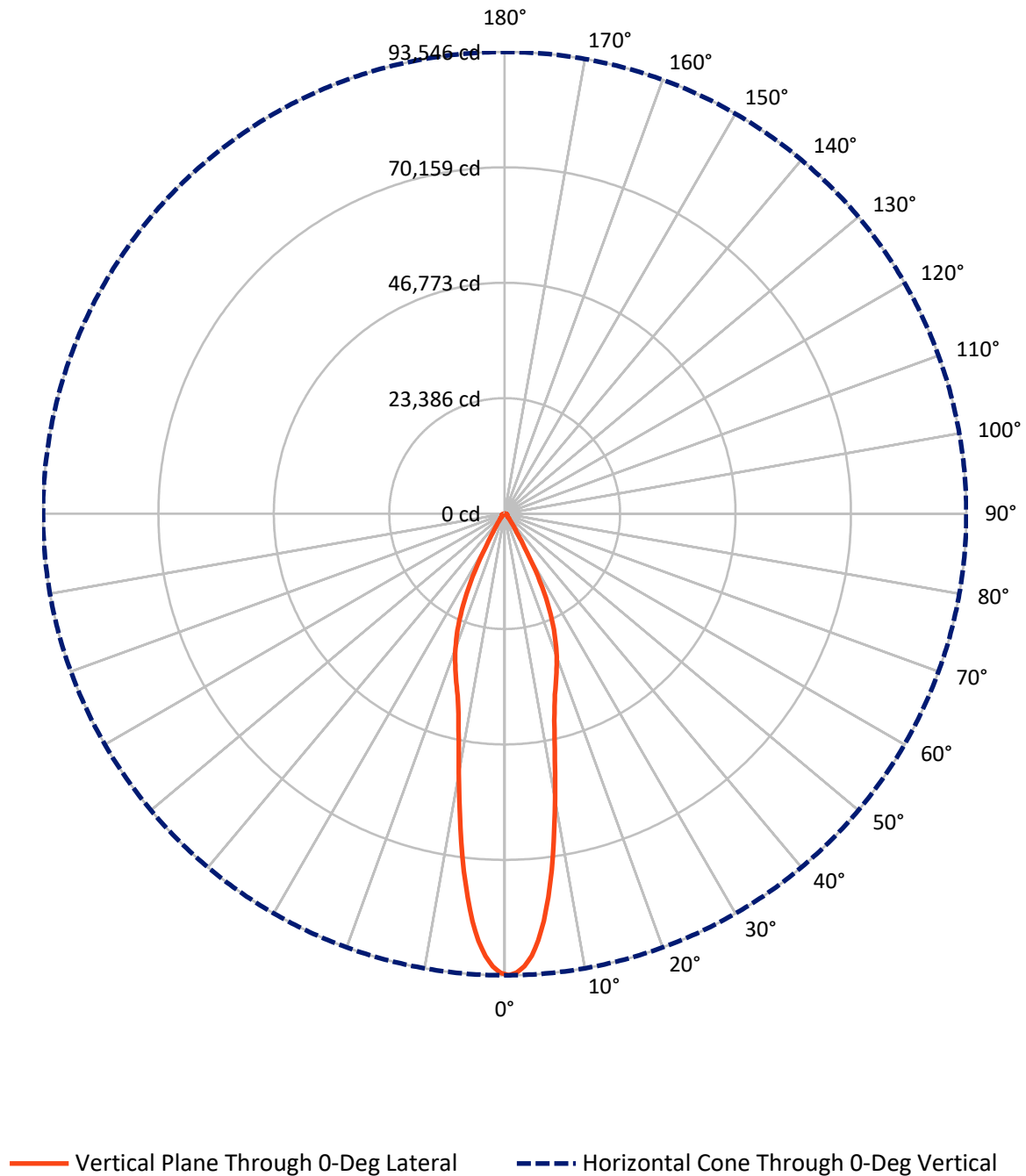
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 31210.5 lumens
Efficiency: N/A
Efficacy: 84.8 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): 368.2
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	15605.2	0.0	15605.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	15605.2	0.0	15605.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	31210.5	0.0	31210.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7002.6	22.4
10°-20°	10920.9	35.0
20°-30°	8849.6	28.4
30°-40°	2147.8	6.9
40°-50°	722.8	2.3
50°-60°	571.2	1.8
60°-70°	569.7	1.8
70°-80°	314.4	1.0
80°-90°	111.4	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°	31210.5	100.0
0°-180°	31210.5	100.0

Coefficient of Utilization



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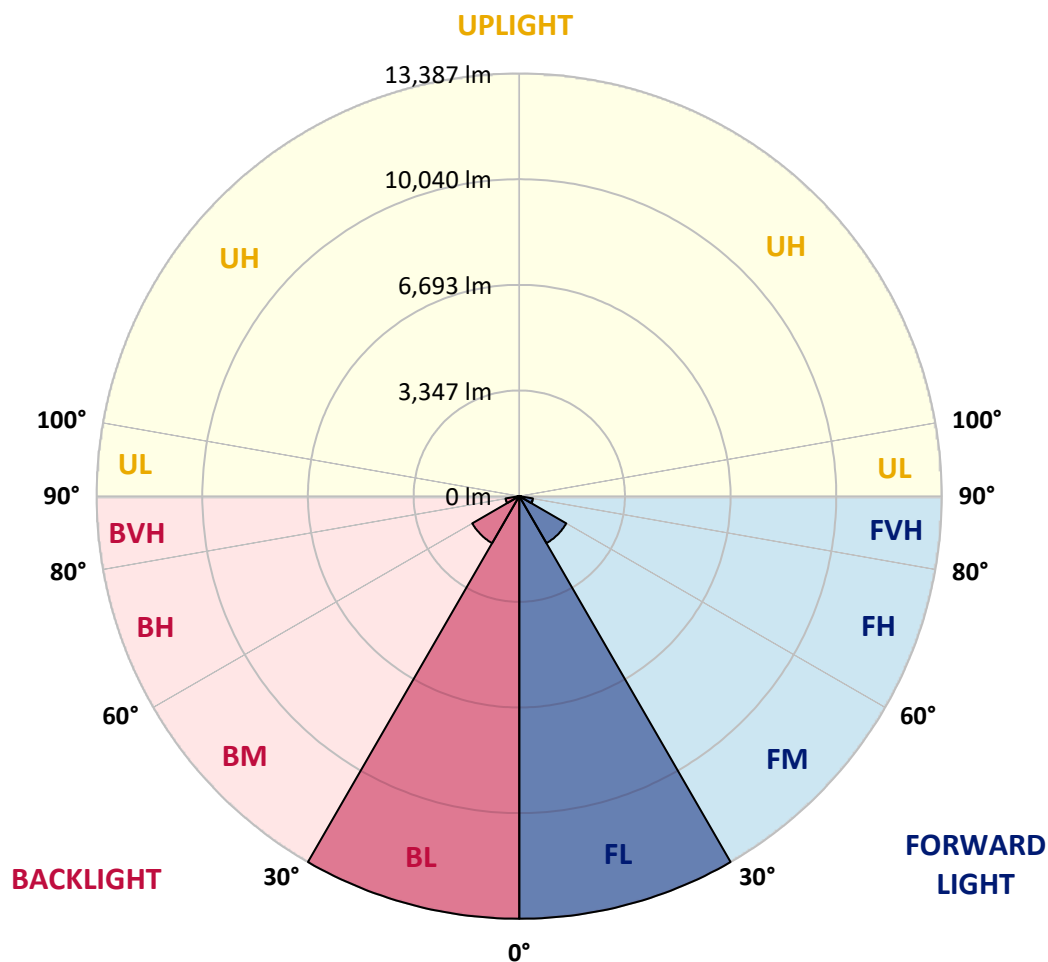
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	13386.5	42.9			
FM	(30°-60°)	1720.9	5.5			
FH	(60°-80°)	442.1	1.4			G0/660
FVH	(80°-90°)	55.7	0.2			G1/100
BL	(0°-30°)	13386.5	42.9	B5		
BM	(30°-60°)	1720.9	5.5	B2/2500		
BH	(60°-80°)	442.1	1.4	B1/500		G0/660
BVH	(80°-90°)	55.7	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°	93545.8
1°	93058.8
2°	91807.4
3°	89732.2
4°	86751.5
5°	82906.1
6°	78196.0
7°	72930.8
8°	67215.0
9°	61462.8
10°	55960.9
11°	51009.7
12°	46672.8
13°	43109.5
14°	40269.8
15°	38035.4
17.5°	33898.7
20°	30048.8
22.5°	25539.0
25°	20301.0
27.5°	14330.4
30°	7786.4
32.5°	4478.0
35°	2989.9
37.5°	2038.7
40°	1451.7
42.5°	1124.0
45°	878.3
47.5°	719.0
50°	659.9
52.5°	628.0
55°	614.4
57.5°	637.1
60°	673.5
62.5°	659.9
65°	587.1
67.5°	505.1
70°	427.8
72.5°	355.0
75°	291.2
77.5°	236.6
80°	191.1
82.5°	154.7
85°	118.3
87.5°	41.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)