

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: P511066

Luminaire Tested: **USSL-P-C01-D-U-T5**

Issue Date: 4/7/2021

Test Information

Test Method: LM-79-08
Report Number: P511066
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2103-170-8)
Test Lab: INNOVATION CENTER
Issue Date: 4/7/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: USSL-P-C01-D-U-T5
Description: PREVAIL AREA AND WALL LUMINAIRE
(1) 70 CRI, 4000K, 1650mA LED AND TYPE V OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12226 lumens
Efficiency: N/A
Efficacy: 129.9 lumens/watt
Luminous Opening: Rectangular (W 1.04' x L: 0.58' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G3

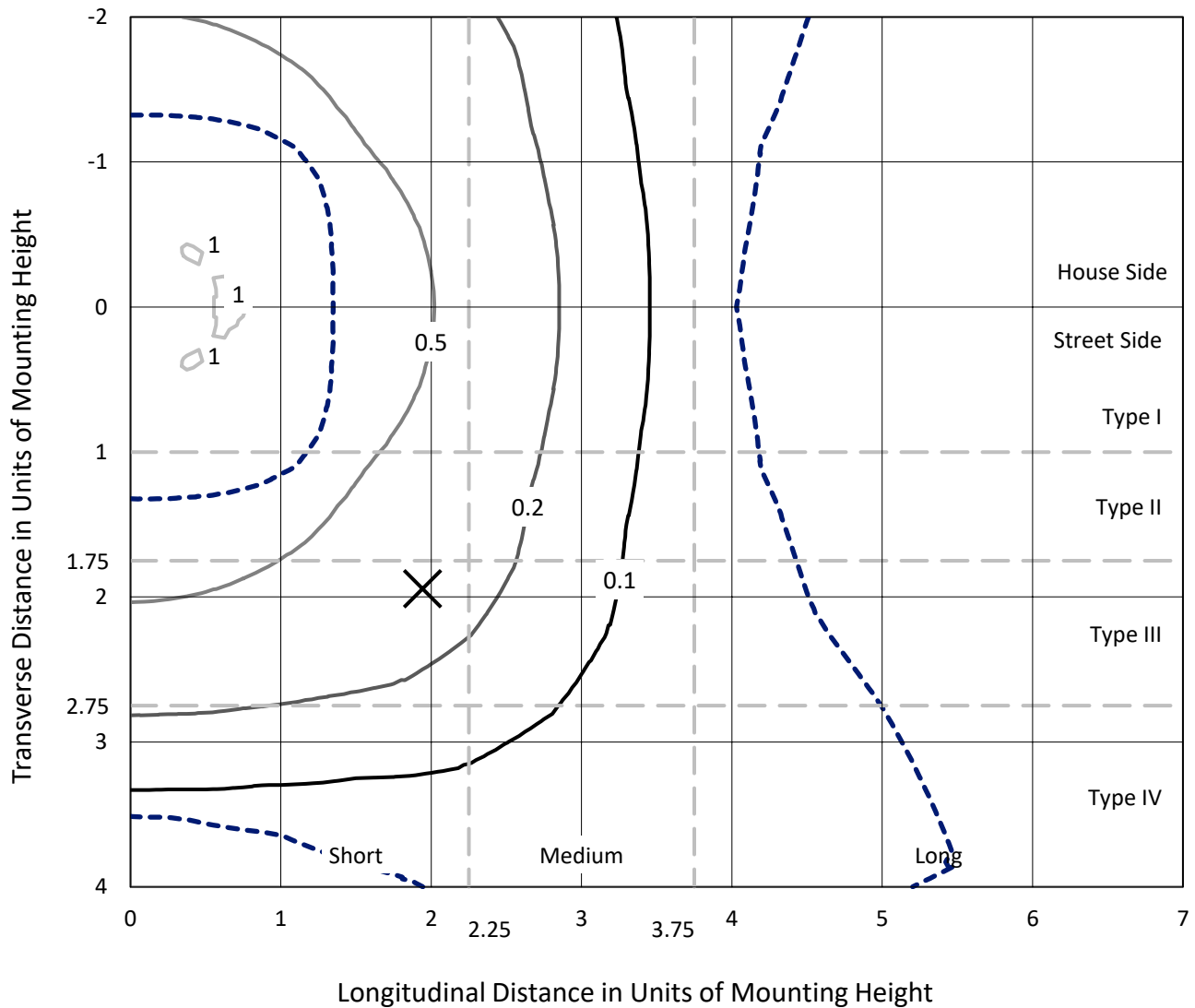
Input Watts (W): 94.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

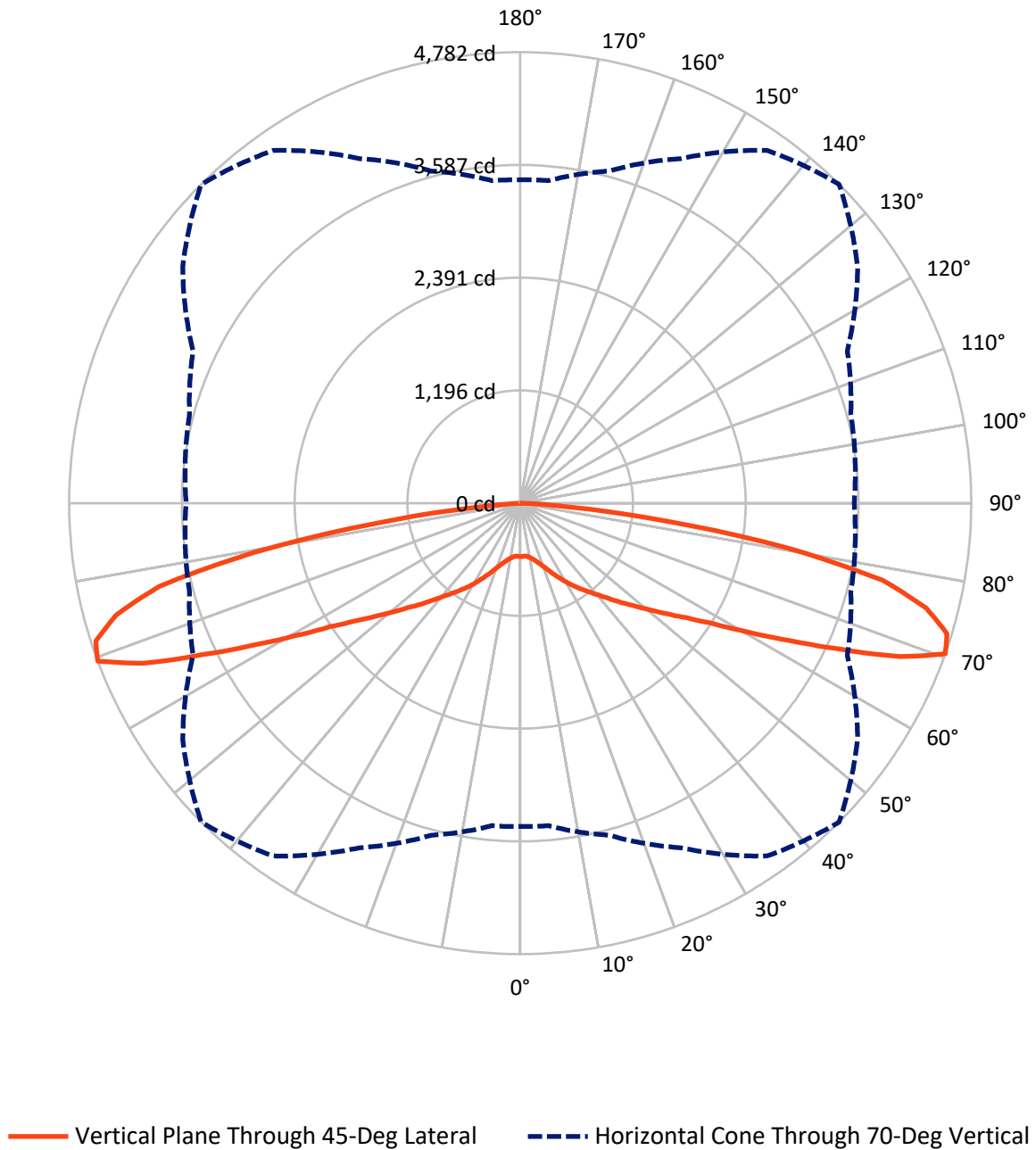
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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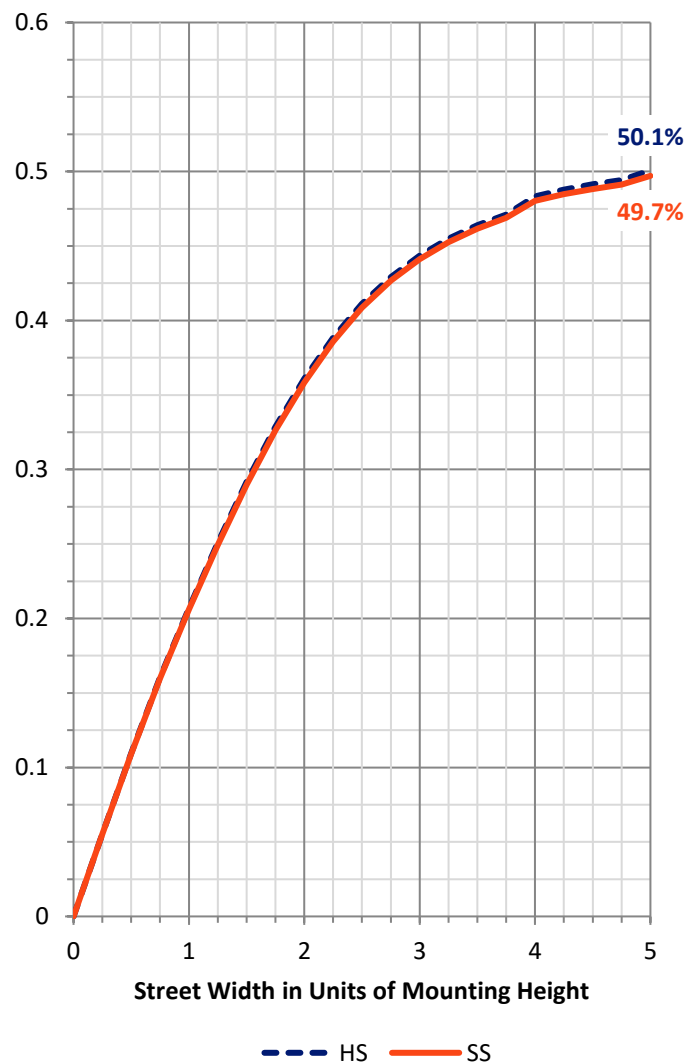
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6113.0	0.0	6113.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	6113.0	0.0	6113.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	12226.0	0.0	12226.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.8	0.4
10°-20°	182.3	1.5
20°-30°	383.4	3.1
30°-40°	709.2	5.8
40°-50°	1228.2	10.0
50°-60°	2172.8	17.8
60°-70°	3617.2	29.6
70°-80°	3274.8	26.8
80°-90°	603.3	4.9
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°	12226.0	100.0
0°-180°	12226.0	100.0

Coefficient of Utilization



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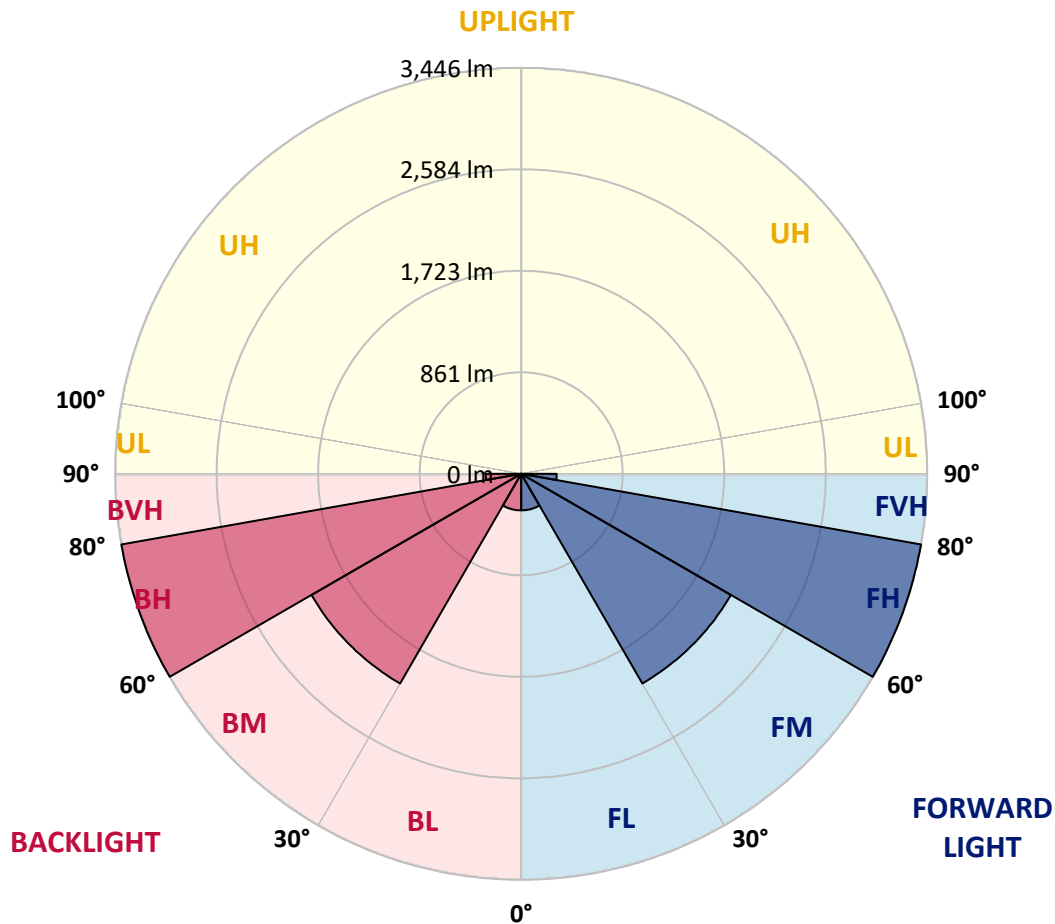
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	310.3	2.5			
FM	(30°-60°)	2055.1	16.8			
FH	(60°-80°)	3446.0	28.2			G2/5000
FVH	(80°-90°)	301.6	2.5			G3/500
BL	(0°-30°)	310.3	2.5	B1/500		
BM	(30°-60°)	2055.1	16.8	B2/2500		
BH	(60°-80°)	3446.0	28.2	B4/5000		G2/5000
BVH	(80°-90°)	301.6	2.5			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G3

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	567.0	567.0	567.0	567.0	567.0	567.0	567.0	567.0	567.0	567.0	567.0
2.5°	567.0	564.6	564.6	562.2	562.2	564.6	564.6	567.0	569.4	569.4	569.4
5°	564.6	564.6	564.6	562.2	562.2	562.2	564.6	567.0	569.4	569.4	571.8
7.5°	571.8	574.2	571.8	569.4	569.4	571.8	574.2	576.6	579.0	581.5	579.0
10°	588.7	588.7	588.7	586.3	588.7	588.7	591.1	591.1	593.5	593.5	591.1
12.5°	605.6	605.6	605.6	608.0	608.0	610.4	612.8	610.4	608.0	605.6	605.6
15°	624.9	624.9	624.9	629.7	634.5	639.4	637.0	634.5	627.3	622.5	622.5
17.5°	653.8	653.8	653.8	661.1	670.7	675.6	673.1	663.5	661.1	658.7	658.7
20°	692.4	692.4	697.3	699.7	714.2	721.4	714.2	704.5	704.5	699.7	702.1
22.5°	740.7	743.1	740.7	750.3	764.8	774.5	764.8	760.0	755.2	755.2	755.2
25°	803.4	803.4	798.6	803.4	820.3	837.2	827.6	820.3	815.5	817.9	822.7
27.5°	866.2	868.6	866.2	863.7	883.0	902.3	890.3	883.0	887.9	890.3	890.3
30°	936.1	943.4	938.5	938.5	945.8	974.7	962.7	957.8	965.1	965.1	967.5
32.5°	1023.0	1025.4	1020.6	1018.2	1025.4	1047.1	1035.0	1037.5	1047.1	1054.3	1054.3
35°	1107.4	1109.8	1100.2	1097.8	1109.8	1119.5	1117.1	1124.3	1136.4	1148.4	1148.4
37.5°	1201.5	1194.3	1191.9	1184.6	1187.0	1196.7	1199.1	1216.0	1237.7	1249.8	1252.2
40°	1295.6	1300.4	1286.0	1271.5	1273.9	1281.1	1298.0	1317.3	1346.3	1365.6	1370.4
42.5°	1425.9	1423.5	1404.2	1377.6	1372.8	1382.5	1411.4	1445.2	1481.4	1500.7	1503.1
45°	1592.4	1590.0	1563.4	1529.6	1505.5	1503.1	1529.6	1573.1	1628.6	1662.3	1664.8
47.5°	1797.5	1792.6	1746.8	1674.4	1621.3	1623.7	1652.7	1717.8	1787.8	1836.1	1840.9
50°	2053.2	2041.1	1978.4	1867.4	1785.4	1775.7	1797.5	1886.7	1985.6	2046.0	2055.6
52.5°	2340.3	2321.0	2251.0	2099.0	1990.5	1949.5	1971.2	2089.4	2207.6	2277.6	2280.0
55°	2629.8	2625.0	2550.2	2400.6	2239.0	2147.3	2190.7	2323.4	2470.6	2547.8	2555.0
57.5°	2933.8	2921.8	2856.6	2716.7	2533.3	2405.5	2451.3	2598.5	2745.6	2830.1	2844.6
60°	3196.8	3201.6	3151.0	3061.7	2909.7	2772.2	2789.1	2912.1	3064.1	3141.3	3153.4
62.5°	3467.0	3457.4	3445.3	3392.3	3319.9	3206.5	3163.0	3252.3	3375.4	3438.1	3442.9
65°	3800.0	3797.6	3778.3	3749.3	3773.5	3732.4	3626.3	3640.8	3681.8	3727.6	3739.7
67.5°	3819.3	3816.9	3908.6	4065.4	4289.8	4345.3	4058.2	3870.0	3807.2	3783.1	3775.9
70°	3428.4	3433.3	3645.6	4031.6	4567.2	4782.0	4367.0	3826.5	3628.7	3566.0	3541.8
72.5°	2844.6	2873.5	3143.7	3698.7	4526.2	4731.3	4386.3	3635.9	3322.3	3179.9	3177.5
75°	2132.8	2152.1	2415.1	3068.9	4154.7	4446.6	4118.5	3274.0	2861.5	2707.0	2654.0
77.5°	1387.3	1397.0	1635.8	2229.3	3307.8	3930.3	3676.9	2728.8	2272.8	2077.3	2024.3
80°	740.7	769.7	948.2	1365.6	2094.2	2866.3	2996.6	2031.5	1488.6	1254.6	1225.6
82.5°	320.9	330.5	422.2	665.9	1093.0	1551.4	1995.3	1271.5	827.6	624.9	588.7
85°	43.4	41.0	74.8	135.1	258.2	511.5	779.3	658.7	400.5	279.9	277.5
87.5°	4.8	4.8	4.8	7.2	7.2	7.2	36.2	57.9	31.4	24.1	14.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)