

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: P511015

Luminaire Tested: **USSL-P-C018-D-U-T5-7030**

Issue Date: 4/7/2021

Test Information

Test Method: LM-79-08
Report Number: P511015
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-C018-D-U-T5-7030
Description: PREVAIL AREA AND WALL LUMINAIRE
(1) 70 CRI, 3000K, 1300mA LED AND TYPE V OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9942 lumens
Efficiency: N/A
Efficacy: 136.6 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

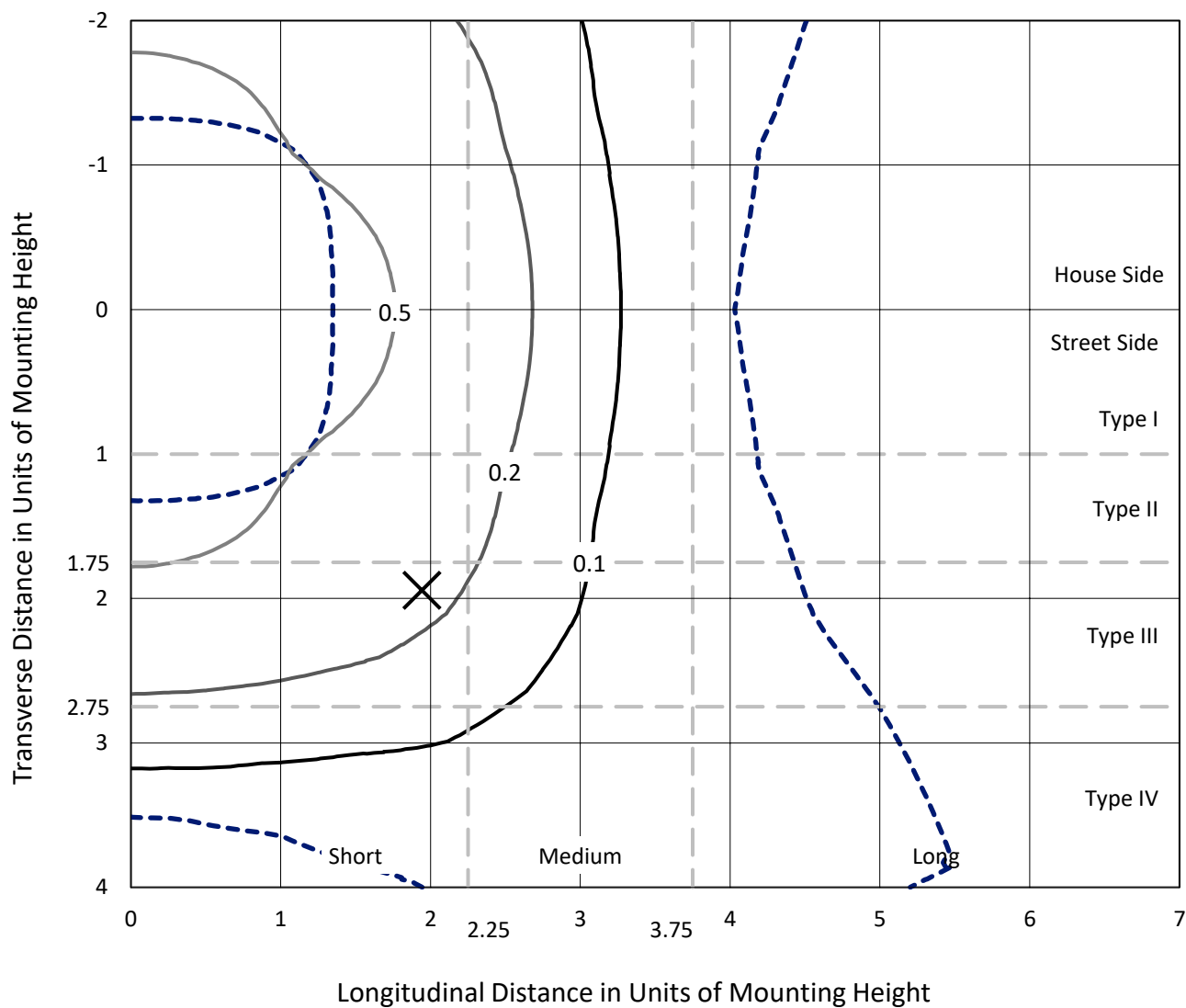
Input Watts (W): 72.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

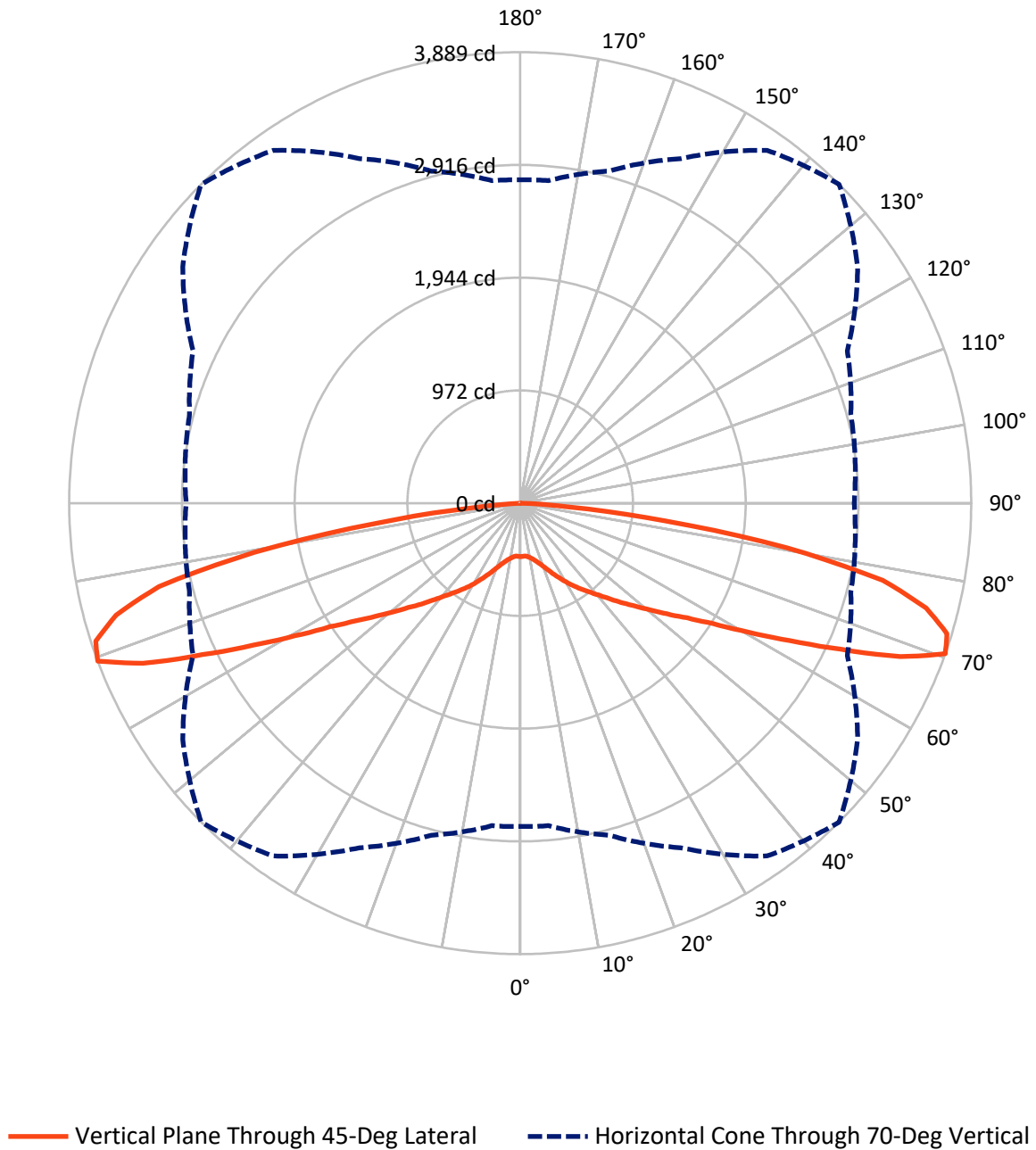
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.8 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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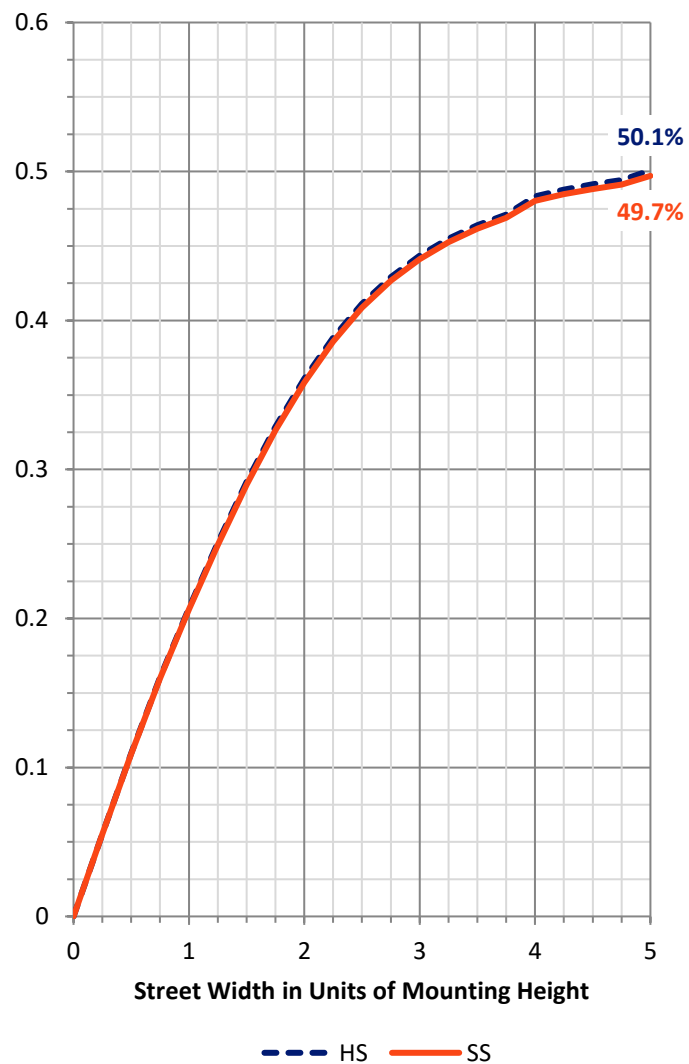
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4971.0	0.0	4971.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4971.0	0.0	4971.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	9942.0	0.0	9942.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.6	0.4
10°-20°	148.3	1.5
20°-30°	311.8	3.1
30°-40°	576.7	5.8
40°-50°	998.7	10.0
50°-60°	1766.9	17.8
60°-70°	2941.4	29.6
70°-80°	2663.0	26.8
80°-90°	490.6	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°	9942.0	100.0
0°-180°	9942.0	100.0

Coefficient of Utilization



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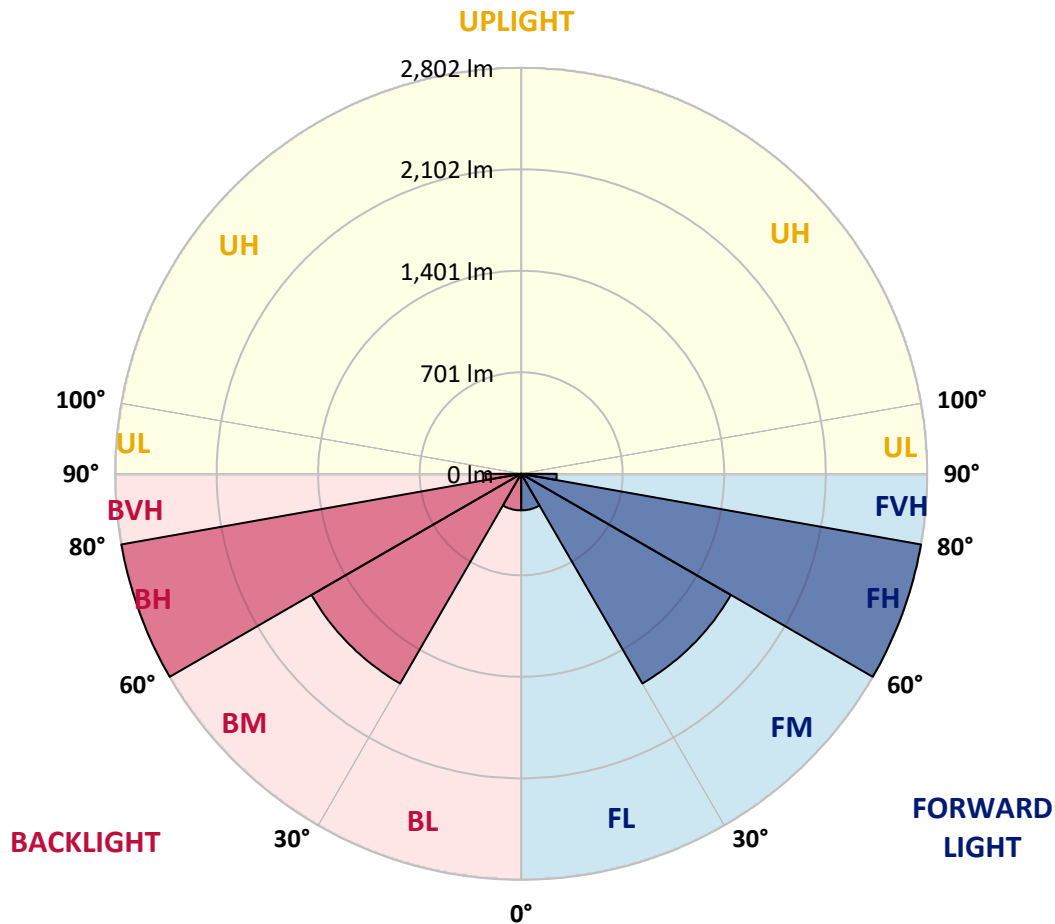
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	252.3	2.5			
FM	(30°-60°)	1671.2	16.8			
FH	(60°-80°)	2802.2	28.2			G2/5000
FVH	(80°-90°)	245.3	2.5			G3/500
BL	(0°-30°)	252.3	2.5	B1/500		
BM	(30°-60°)	1671.2	16.8	B2/2500		
BH	(60°-80°)	2802.2	28.2	B4/5000		G2/5000
BVH	(80°-90°)	245.3	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°	461.1	461.1	461.1	461.1	461.1	461.1	461.1	461.1	461.1	461.1	461.1
2.5°	461.1	459.1	459.1	457.1	457.1	459.1	459.1	461.1	463.0	463.0	463.0
5°	459.1	459.1	459.1	457.1	457.1	457.1	459.1	461.1	463.0	463.0	465.0
7.5°	465.0	466.9	465.0	463.0	463.0	465.0	466.9	468.9	470.9	472.8	470.9
10°	478.7	478.7	478.7	476.8	478.7	478.7	480.7	480.7	482.6	482.6	480.7
12.5°	492.5	492.5	492.5	494.4	494.4	496.4	498.3	496.4	494.4	492.5	492.5
15°	508.1	508.1	508.1	512.1	516.0	519.9	518.0	516.0	510.1	506.2	506.2
17.5°	531.7	531.7	531.7	537.6	545.4	549.4	547.4	539.5	537.6	535.6	535.6
20°	563.1	563.1	567.0	569.0	580.7	586.6	580.7	572.9	572.9	569.0	570.9
22.5°	602.3	604.3	602.3	610.2	621.9	629.8	621.9	618.0	614.1	614.1	614.1
25°	653.3	653.3	649.4	653.3	667.1	680.8	673.0	667.1	663.1	665.1	669.0
27.5°	704.3	706.3	704.3	702.4	718.1	733.8	724.0	718.1	722.0	724.0	724.0
30°	761.2	767.1	763.2	763.2	769.1	792.6	782.8	778.9	784.8	784.8	786.7
32.5°	831.9	833.8	829.9	828.0	833.8	851.5	841.7	843.6	851.5	857.4	857.4
35°	900.5	902.5	894.7	892.7	902.5	910.4	908.4	914.3	924.1	933.9	933.9
37.5°	977.1	971.2	969.2	963.3	965.3	973.1	975.1	988.8	1006.5	1016.3	1018.3
40°	1053.6	1057.5	1045.7	1034.0	1035.9	1041.8	1055.5	1071.2	1094.8	1110.5	1114.4
42.5°	1159.5	1157.6	1141.9	1120.3	1116.4	1124.2	1147.8	1175.2	1204.6	1220.3	1222.3
45°	1294.9	1292.9	1271.4	1243.9	1224.3	1222.3	1243.9	1279.2	1324.3	1351.8	1353.8
47.5°	1461.7	1457.7	1420.5	1361.6	1318.4	1320.4	1343.9	1396.9	1453.8	1493.1	1497.0
50°	1669.6	1659.8	1608.8	1518.6	1451.9	1444.0	1461.7	1534.3	1614.7	1663.7	1671.6
52.5°	1903.1	1887.4	1830.5	1706.9	1618.6	1585.3	1602.9	1699.1	1795.2	1852.1	1854.1
55°	2138.5	2134.6	2073.8	1952.2	1820.7	1746.2	1781.5	1889.4	2009.1	2071.8	2077.7
57.5°	2385.8	2375.9	2323.0	2209.2	2060.1	1956.1	1993.4	2113.0	2232.7	2301.4	2313.2
60°	2599.6	2603.5	2562.3	2489.7	2366.1	2254.3	2268.0	2368.1	2491.7	2554.5	2564.3
62.5°	2819.3	2811.5	2801.7	2758.5	2699.7	2607.5	2572.1	2644.7	2744.8	2795.8	2799.7
65°	3090.1	3088.1	3072.4	3048.9	3068.5	3035.2	2948.8	2960.6	2994.0	3031.2	3041.1
67.5°	3105.8	3103.8	3178.4	3305.9	3488.4	3533.5	3300.0	3147.0	3096.0	3076.4	3070.5
70°	2788.0	2791.9	2964.5	3278.4	3714.0	3888.6	3551.2	3111.7	2950.8	2899.8	2880.2
72.5°	2313.2	2336.7	2556.4	3007.7	3680.7	3847.4	3566.9	2956.7	2701.6	2585.9	2583.9
75°	1734.4	1750.1	1963.9	2495.6	3378.5	3615.9	3349.1	2662.4	2326.9	2201.3	2158.2
77.5°	1128.1	1136.0	1330.2	1812.9	2689.9	3196.0	2990.0	2219.0	1848.2	1689.3	1646.1
80°	602.3	625.9	771.1	1110.5	1703.0	2330.8	2436.8	1652.0	1210.5	1020.2	996.7
82.5°	260.9	268.8	343.3	541.5	888.8	1261.5	1622.5	1034.0	673.0	508.1	478.7
85°	35.3	33.4	60.8	109.9	209.9	415.9	633.7	535.6	325.7	227.6	225.6
87.5°	3.9	3.9	3.9	5.9	5.9	5.9	29.4	47.1	25.5	19.6	11.8
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)