

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: P510968

Luminaire Tested: **USSL-P-C016-D-U-T5-7050**

Issue Date: 4/7/2021

Test Information

Test Method: LM-79-08
Report Number: P510968
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-C016-D-U-T5-7050
Description: PREVAIL AREA AND WALL LUMINAIRE
(1) 70 CRI, 5000K, 880mA LED AND TYPE V OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7258 lumens
Efficiency: N/A
Efficacy: 147.8 lumens/watt
Luminous Opening: Rectangular (W 1.04' x L: 0.58' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

Input Watts (W): 49.1
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

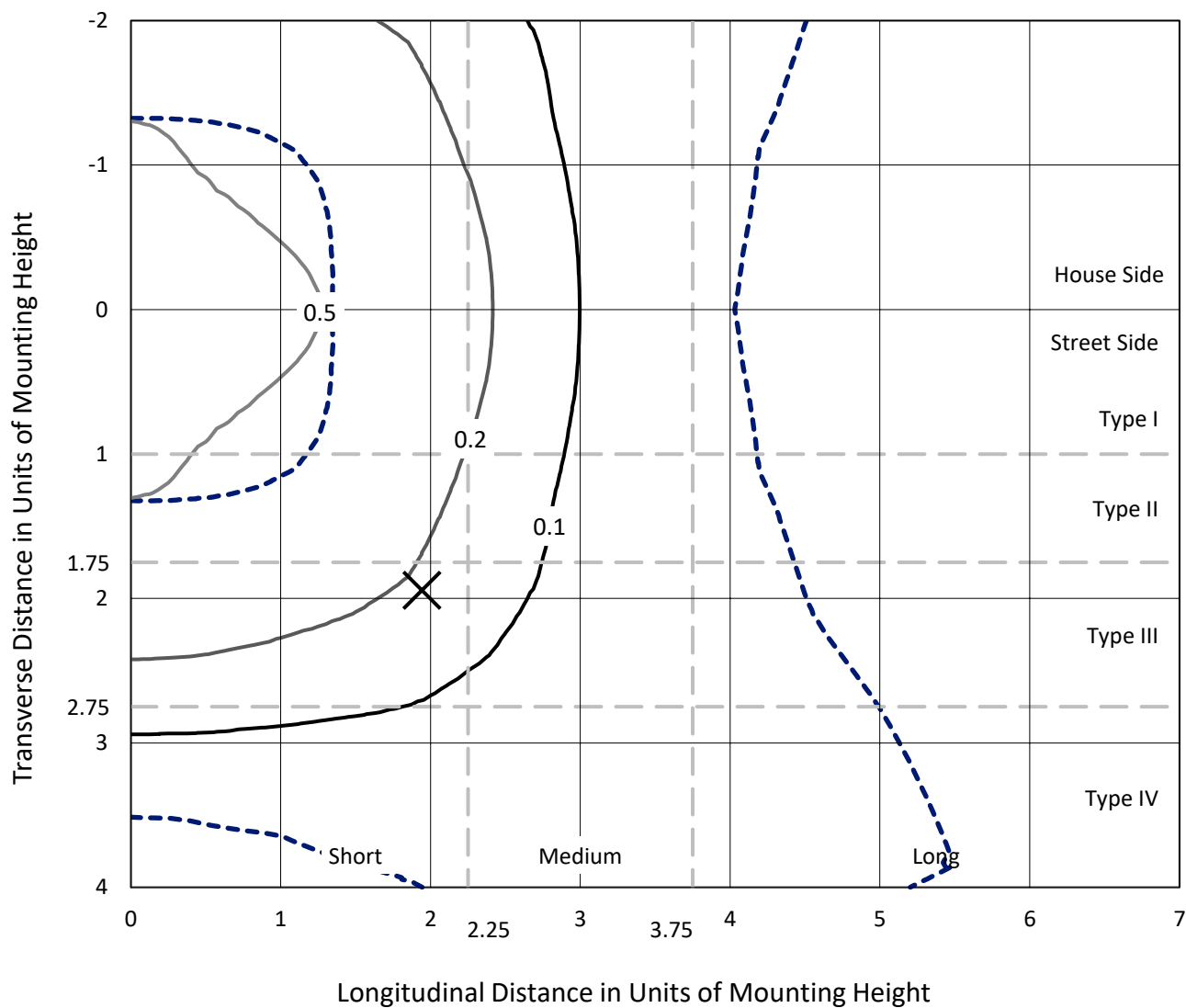


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

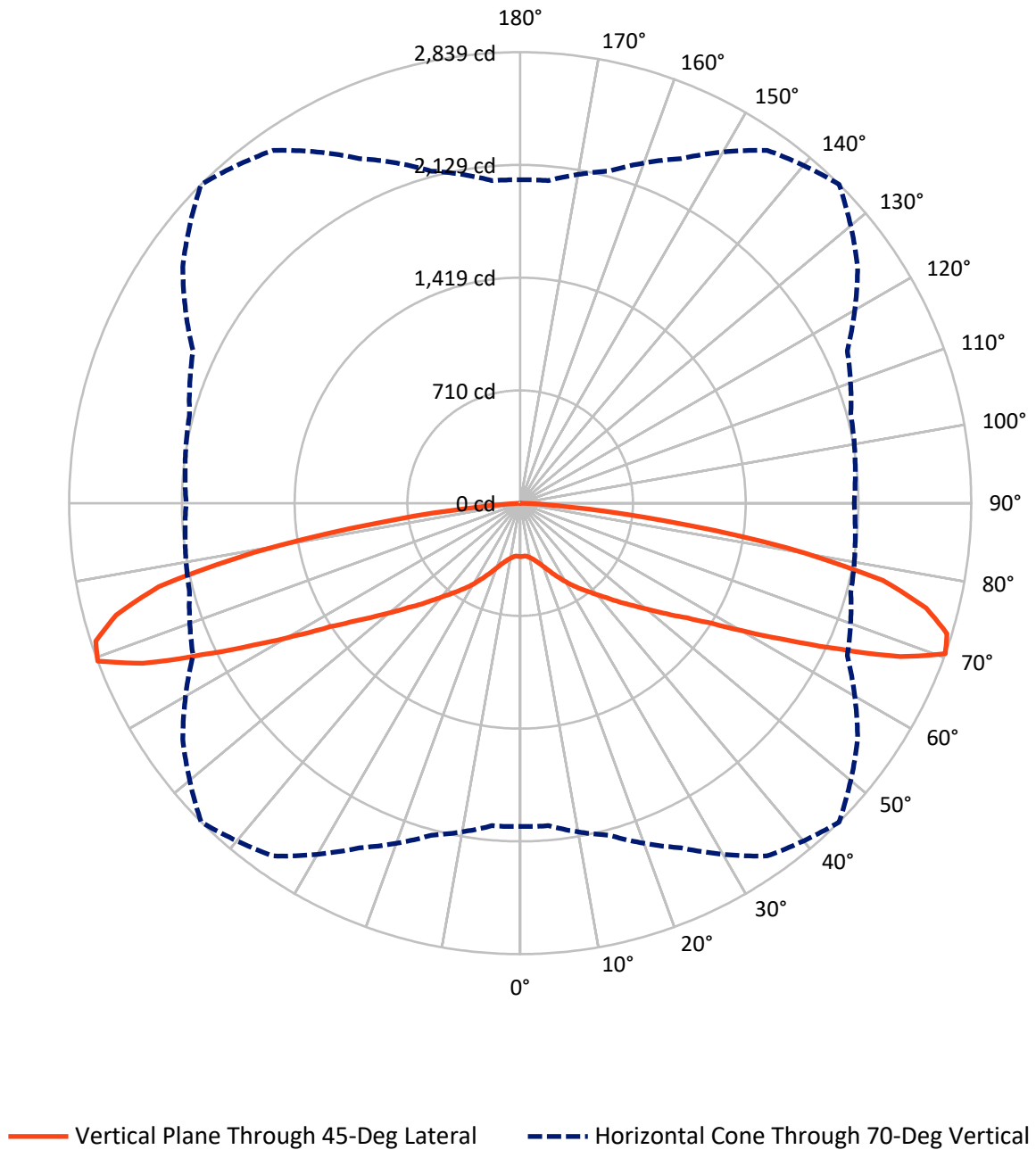
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.6 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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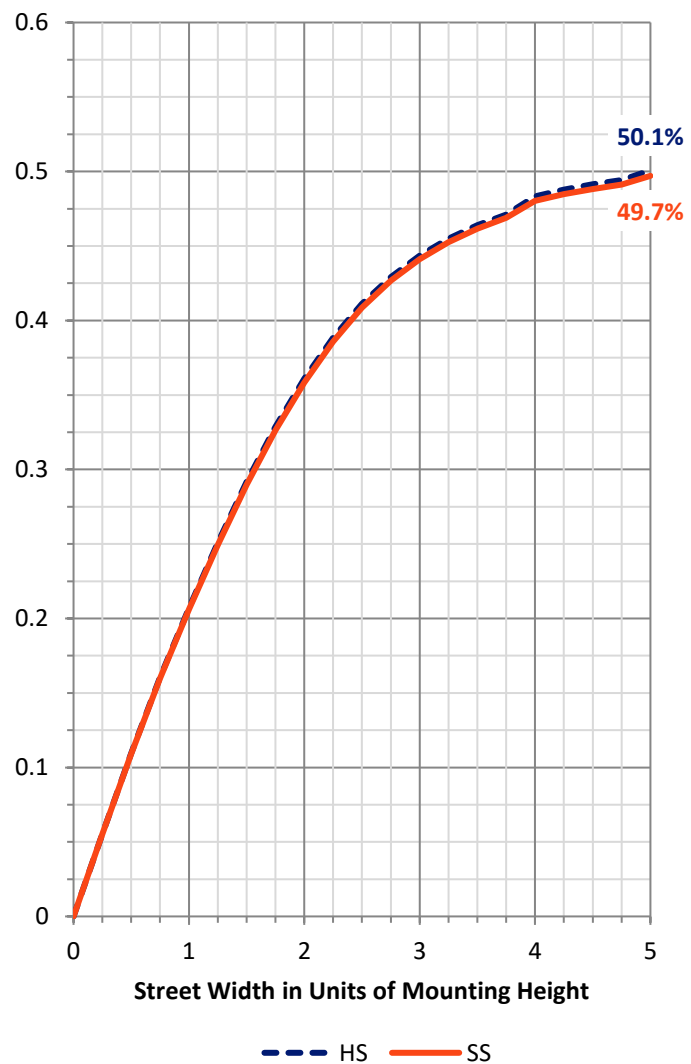
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3629.0	0.0	3629.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3629.0	0.0	3629.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	7258.0	0.0	7258.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.5	0.4
10°-20°	108.2	1.5
20°-30°	227.6	3.1
30°-40°	421.0	5.8
40°-50°	729.1	10.0
50°-60°	1289.9	17.8
60°-70°	2147.4	29.6
70°-80°	1944.1	26.8
80°-90°	358.1	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°	7258.0	100.0
0°-180°	7258.0	100.0

Coefficient of Utilization



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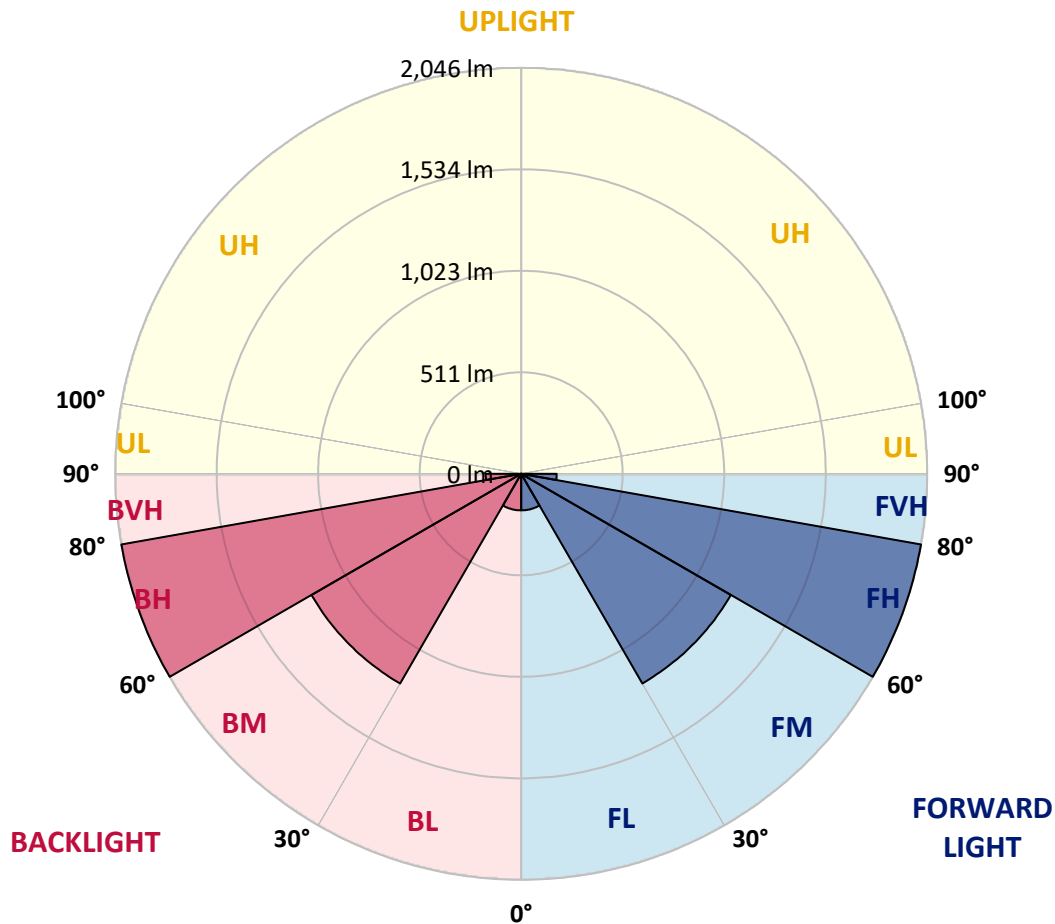
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	184.2	2.5			
FM	(30°-60°)	1220.0	16.8			
FH	(60°-80°)	2045.7	28.2			G2/5000
FVH	(80°-90°)	179.1	2.5			G2/225
BL	(0°-30°)	184.2	2.5	B1/500		
BM	(30°-60°)	1220.0	16.8	B2/2500		
BH	(60°-80°)	2045.7	28.2	B3/2500		G2/5000
BVH	(80°-90°)	179.1	2.5			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	336.6	336.6	336.6	336.6	336.6	336.6	336.6	336.6	336.6	336.6	336.6
2.5°	336.6	335.2	335.2	333.7	333.7	335.2	335.2	336.6	338.0	338.0	338.0
5°	335.2	335.2	335.2	333.7	333.7	333.7	335.2	336.6	338.0	338.0	339.5
7.5°	339.5	340.9	339.5	338.0	338.0	339.5	340.9	342.3	343.8	345.2	343.8
10°	349.5	349.5	349.5	348.0	349.5	349.5	350.9	350.9	352.3	352.3	350.9
12.5°	359.5	359.5	359.5	360.9	360.9	362.4	363.8	362.4	360.9	359.5	359.5
15°	371.0	371.0	371.0	373.8	376.7	379.6	378.1	376.7	372.4	369.5	369.5
17.5°	388.2	388.2	388.2	392.5	398.2	401.0	399.6	393.9	392.5	391.0	391.0
20°	411.1	411.1	413.9	415.4	424.0	428.3	424.0	418.2	418.2	415.4	416.8
22.5°	439.7	441.1	439.7	445.4	454.0	459.8	454.0	451.2	448.3	448.3	448.3
25°	477.0	477.0	474.1	477.0	487.0	497.0	491.3	487.0	484.1	485.6	488.4
27.5°	514.2	515.6	514.2	512.8	524.2	535.7	528.5	524.2	527.1	528.5	528.5
30°	555.7	560.0	557.2	557.2	561.5	578.7	571.5	568.6	572.9	572.9	574.4
32.5°	607.3	608.7	605.9	604.4	608.7	621.6	614.5	615.9	621.6	625.9	625.9
35°	657.4	658.9	653.1	651.7	658.9	664.6	663.2	667.5	674.6	681.8	681.8
37.5°	713.3	709.0	707.6	703.3	704.7	710.4	711.9	721.9	734.8	741.9	743.4
40°	769.1	772.0	763.4	754.8	756.3	760.6	770.6	782.0	799.2	810.7	813.5
42.5°	846.5	845.1	833.6	817.8	815.0	820.7	837.9	858.0	879.4	890.9	892.3
45°	945.3	943.9	928.1	908.1	893.8	892.3	908.1	933.9	966.8	986.9	988.3
47.5°	1067.1	1064.2	1037.0	994.0	962.5	963.9	981.1	1019.8	1061.3	1090.0	1092.8
50°	1218.9	1211.7	1174.5	1108.6	1059.9	1054.2	1067.1	1120.1	1178.8	1214.6	1220.3
52.5°	1389.3	1377.9	1336.3	1246.1	1181.7	1157.3	1170.2	1240.4	1310.6	1352.1	1353.5
55°	1561.2	1558.3	1513.9	1425.1	1329.2	1274.8	1300.5	1379.3	1466.7	1512.5	1516.8
57.5°	1741.7	1734.5	1695.8	1612.8	1503.9	1428.0	1455.2	1542.6	1630.0	1680.1	1688.7
60°	1897.8	1900.7	1870.6	1817.6	1727.4	1645.7	1655.7	1728.8	1819.0	1864.9	1872.0
62.5°	2058.2	2052.5	2045.3	2013.8	1970.9	1903.5	1877.8	1930.7	2003.8	2041.0	2043.9
65°	2255.9	2254.4	2243.0	2225.8	2240.1	2215.8	2152.8	2161.3	2185.7	2212.9	2220.1
67.5°	2267.3	2265.9	2320.3	2413.4	2546.6	2579.6	2409.1	2297.4	2260.2	2245.9	2241.6
70°	2035.3	2038.2	2164.2	2393.4	2711.4	2838.8	2592.5	2271.6	2154.2	2116.9	2102.6
72.5°	1688.7	1705.9	1866.3	2195.7	2687.0	2808.7	2603.9	2158.5	1972.3	1887.8	1886.3
75°	1266.2	1277.6	1433.7	1821.9	2466.4	2639.7	2444.9	1943.6	1698.7	1607.0	1575.5
77.5°	823.6	829.3	971.1	1323.4	1963.7	2333.2	2182.8	1619.9	1349.2	1233.2	1201.7
80°	439.7	456.9	562.9	810.7	1243.2	1701.6	1778.9	1206.0	883.7	744.8	727.6
82.5°	190.5	196.2	250.7	395.3	648.8	921.0	1184.5	754.8	491.3	371.0	349.5
85°	25.8	24.3	44.4	80.2	153.3	303.6	462.6	391.0	237.8	166.1	164.7
87.5°	2.9	2.9	2.9	4.3	4.3	4.3	21.5	34.4	18.6	14.3	8.6
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)