

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: P510970

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

Issue Date: 4/7/2021

Test Information

Test Method: LM-79-08
Report Number: P510970
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
Description: PREVAIL AREA AND WALL LUMINAIRE
(1) 70 CRI, 4000K, 880mA LED AND TYPE V OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7128 lumens
Efficiency: N/A
Efficacy: 145.2 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



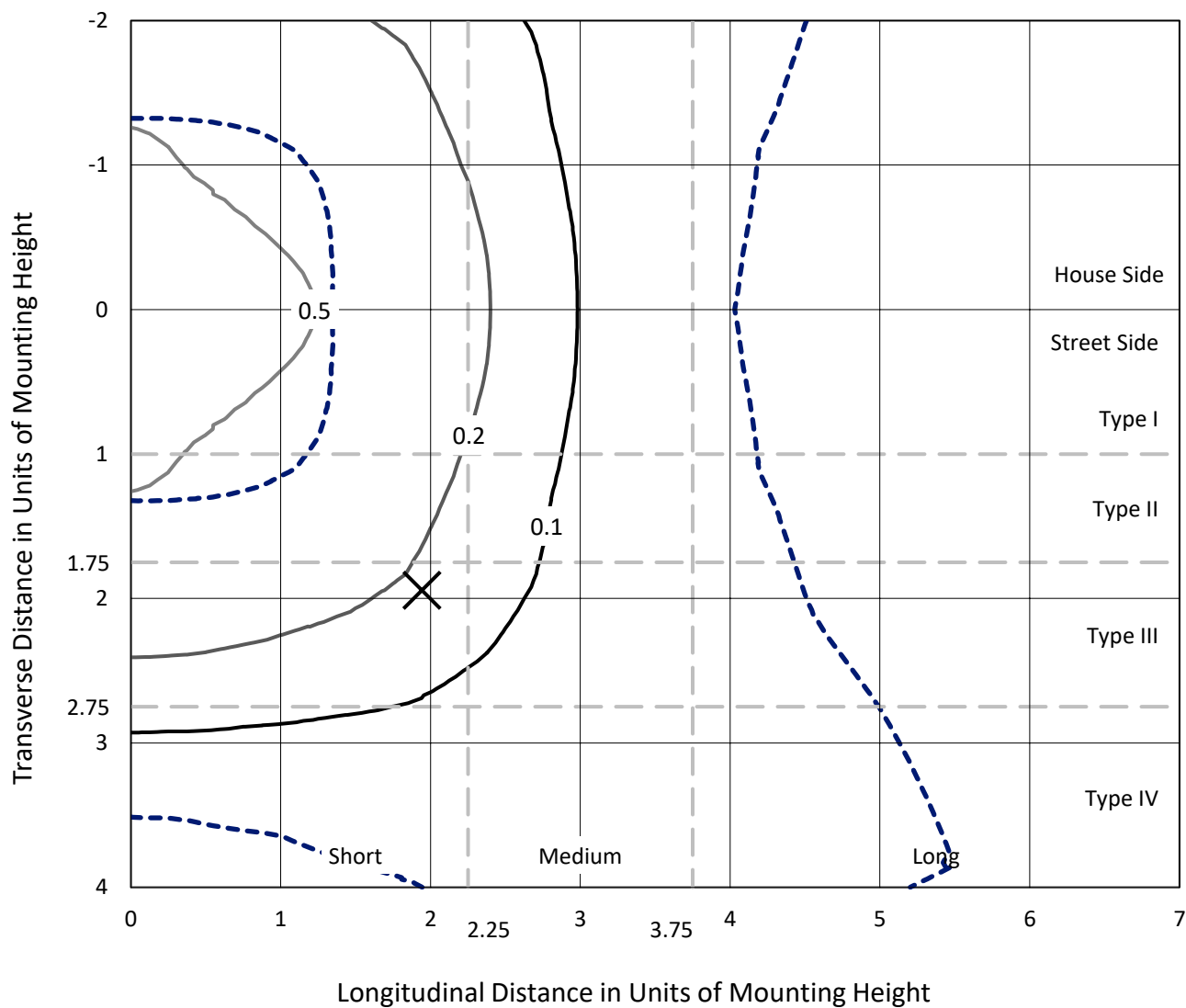
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

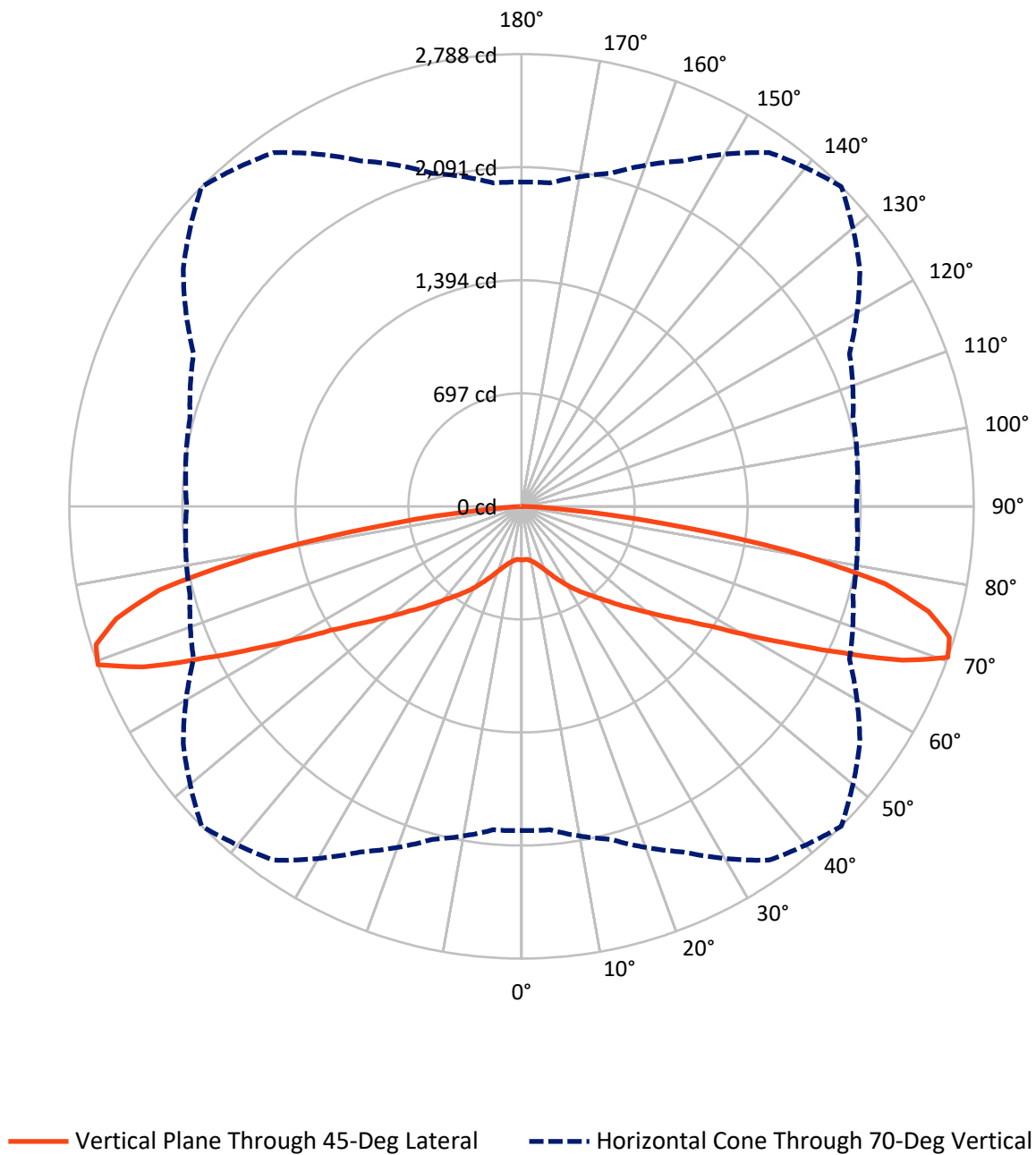
--- 1/2 Max cd



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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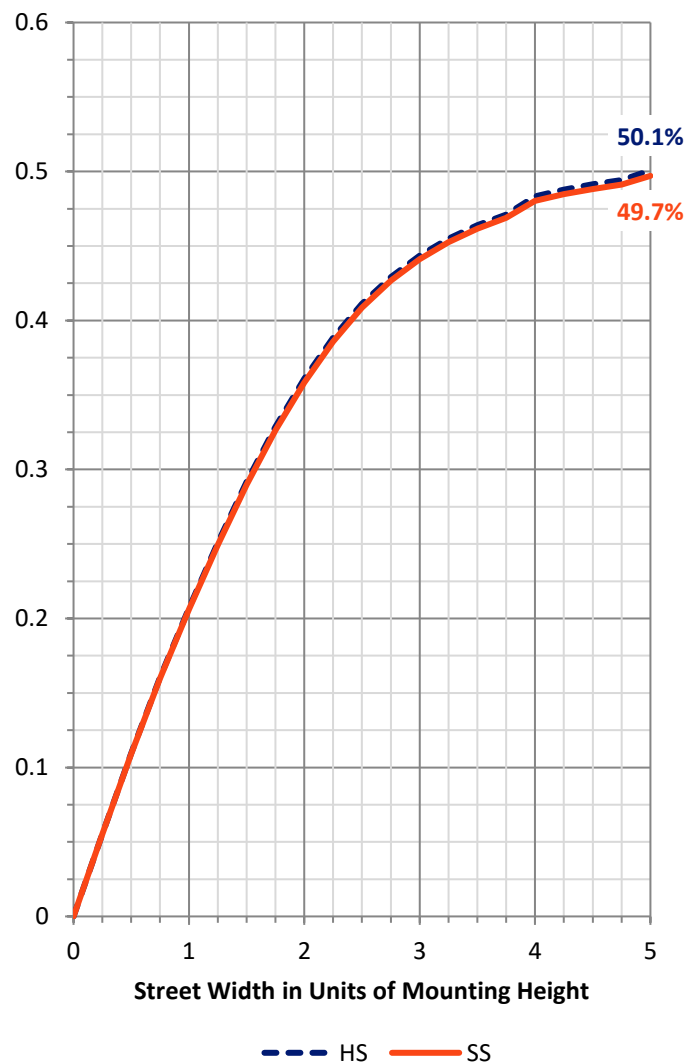
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3564.0	0.0	3564.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3564.0	0.0	3564.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	7128.0	0.0	7128.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.9	0.4
10°-20°	106.3	1.5
20°-30°	223.5	3.1
30°-40°	413.5	5.8
40°-50°	716.0	10.0
50°-60°	1266.8	17.8
60°-70°	2108.9	29.6
70°-80°	1909.3	26.8
80°-90°	351.7	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°	7128.0	100.0
0°-180°	7128.0	100.0

Coefficient of Utilization



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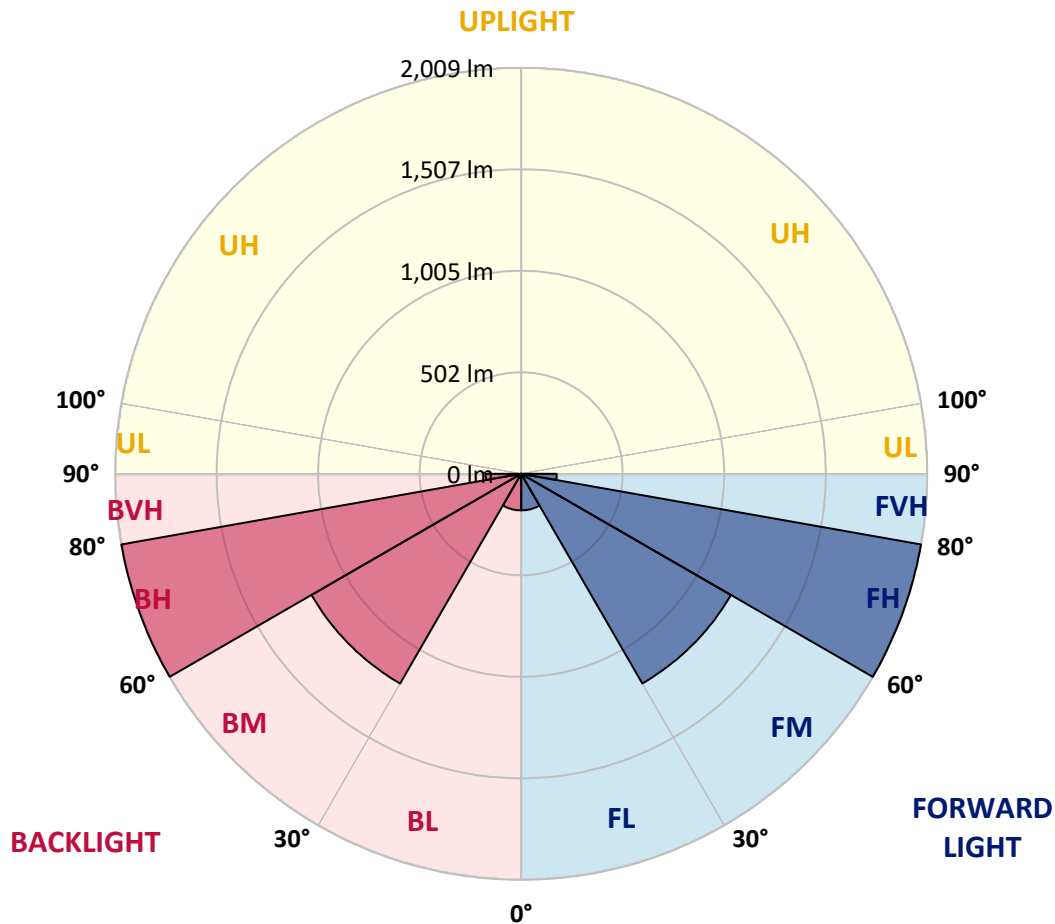
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	180.9	2.5			
FM	(30°-60°)	1198.2	16.8			
FH	(60°-80°)	2009.1	28.2			G2/5000
FVH	(80°-90°)	175.9	2.5			G2/225
BL	(0°-30°)	180.9	2.5	B1/500		
BM	(30°-60°)	1198.2	16.8	B2/2500		
BH	(60°-80°)	2009.1	28.2	B3/2500		G2/5000
BVH	(80°-90°)	175.9	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°	330.6	330.6	330.6	330.6	330.6	330.6	330.6	330.6	330.6	330.6	330.6
2.5°	330.6	329.2	329.2	327.7	327.7	329.2	329.2	330.6	332.0	332.0	332.0
5°	329.2	329.2	329.2	327.7	327.7	327.7	329.2	330.6	332.0	332.0	333.4
7.5°	333.4	334.8	333.4	332.0	332.0	333.4	334.8	336.2	337.6	339.0	337.6
10°	343.2	343.2	343.2	341.8	343.2	343.2	344.6	344.6	346.0	346.0	344.6
12.5°	353.1	353.1	353.1	354.5	354.5	355.9	357.3	355.9	354.5	353.1	353.1
15°	364.3	364.3	364.3	367.1	369.9	372.8	371.4	369.9	365.7	362.9	362.9
17.5°	381.2	381.2	381.2	385.4	391.0	393.9	392.5	386.8	385.4	384.0	384.0
20°	403.7	403.7	406.5	407.9	416.4	420.6	416.4	410.7	410.7	407.9	409.3
22.5°	431.8	433.2	431.8	437.5	445.9	451.5	445.9	443.1	440.3	440.3	440.3
25°	468.4	468.4	465.6	468.4	478.3	488.1	482.5	478.3	475.4	476.9	479.7
27.5°	505.0	506.4	505.0	503.6	514.8	526.1	519.1	514.8	517.6	519.1	519.1
30°	545.8	550.0	547.2	547.2	551.4	568.3	561.3	558.4	562.7	562.7	564.1
32.5°	596.4	597.8	595.0	593.6	597.8	610.5	603.5	604.9	610.5	614.7	614.7
35°	645.7	647.1	641.4	640.0	647.1	652.7	651.3	655.5	662.5	669.6	669.6
37.5°	700.5	696.3	694.9	690.7	692.1	697.7	699.1	709.0	721.6	728.6	730.1
40°	755.4	758.2	749.7	741.3	742.7	746.9	756.8	768.0	784.9	796.2	799.0
42.5°	831.3	829.9	818.7	803.2	800.4	806.0	822.9	842.6	863.7	874.9	876.3
45°	928.4	927.0	911.5	891.8	877.7	876.3	891.8	917.1	949.5	969.2	970.6
47.5°	1048.0	1045.1	1018.4	976.2	945.3	946.7	963.6	1001.5	1042.3	1070.5	1073.3
50°	1197.1	1190.0	1153.5	1088.7	1040.9	1035.3	1048.0	1100.0	1157.7	1192.8	1198.5
52.5°	1364.5	1353.2	1312.4	1223.8	1160.5	1136.6	1149.2	1218.2	1287.1	1327.9	1329.3
55°	1533.2	1530.4	1486.8	1399.6	1305.4	1251.9	1277.2	1354.6	1440.4	1485.4	1489.6
57.5°	1710.5	1703.5	1665.5	1583.9	1477.0	1402.4	1429.2	1515.0	1600.8	1650.0	1658.4
60°	1863.8	1866.6	1837.1	1785.0	1696.4	1616.2	1626.1	1697.8	1786.4	1831.5	1838.5
62.5°	2021.4	2015.7	2008.7	1977.7	1935.5	1869.4	1844.1	1896.2	1967.9	2004.5	2007.3
65°	2215.5	2214.1	2202.8	2185.9	2200.0	2176.1	2114.2	2122.6	2146.5	2173.3	2180.3
67.5°	2226.7	2225.3	2278.8	2370.2	2501.0	2533.4	2366.0	2256.3	2219.7	2205.6	2201.4
70°	1998.8	2001.7	2125.4	2350.5	2662.8	2788.0	2546.0	2230.9	2115.6	2079.0	2065.0
72.5°	1658.4	1675.3	1832.9	2156.4	2638.9	2758.4	2557.3	2119.8	1937.0	1854.0	1852.6
75°	1243.5	1254.7	1408.1	1789.3	2422.3	2592.5	2401.2	1908.8	1668.3	1578.3	1547.3
77.5°	808.8	814.5	953.7	1299.7	1928.5	2291.4	2143.7	1590.9	1325.1	1211.1	1180.2
80°	431.8	448.7	552.8	796.2	1221.0	1671.1	1747.1	1184.4	867.9	731.5	714.6
82.5°	187.1	192.7	246.2	388.2	637.2	904.5	1163.3	741.3	482.5	364.3	343.2
85°	25.3	23.9	43.6	78.8	150.5	298.2	454.3	384.0	233.5	163.2	161.8
87.5°	2.8	2.8	2.8	4.2	4.2	4.2	21.1	33.8	18.3	14.1	8.4
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)