

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: P510967

Luminaire Tested: **USSL-P-C016-D-U-T5-7030**

Issue Date: 4/7/2021

Test Information

Test Method: LM-79-08
Report Number: P510967
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-T5-7030
Description: PREVAIL AREA AND WALL LUMINAIRE
(1) 70 CRI, 3000K, 880mA LED AND TYPE V OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6999 lumens
Efficiency: N/A
Efficacy: 142.5 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

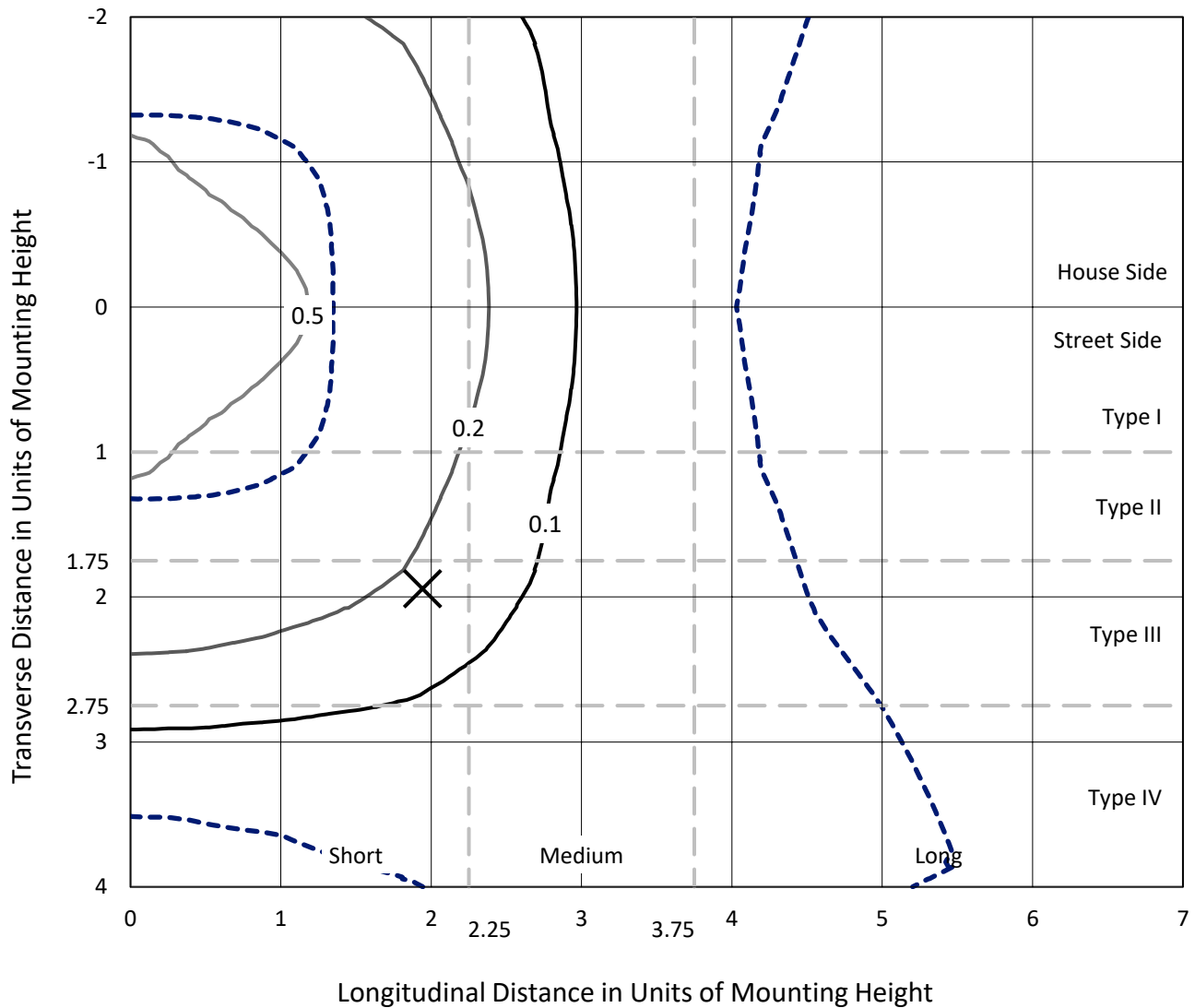
Input Watts (W): 49.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P510967
CATALOG NUMBER: USSLP-C016-D-U-T5-7030

Iso-Footcandle Lines of Horizontal Illumination

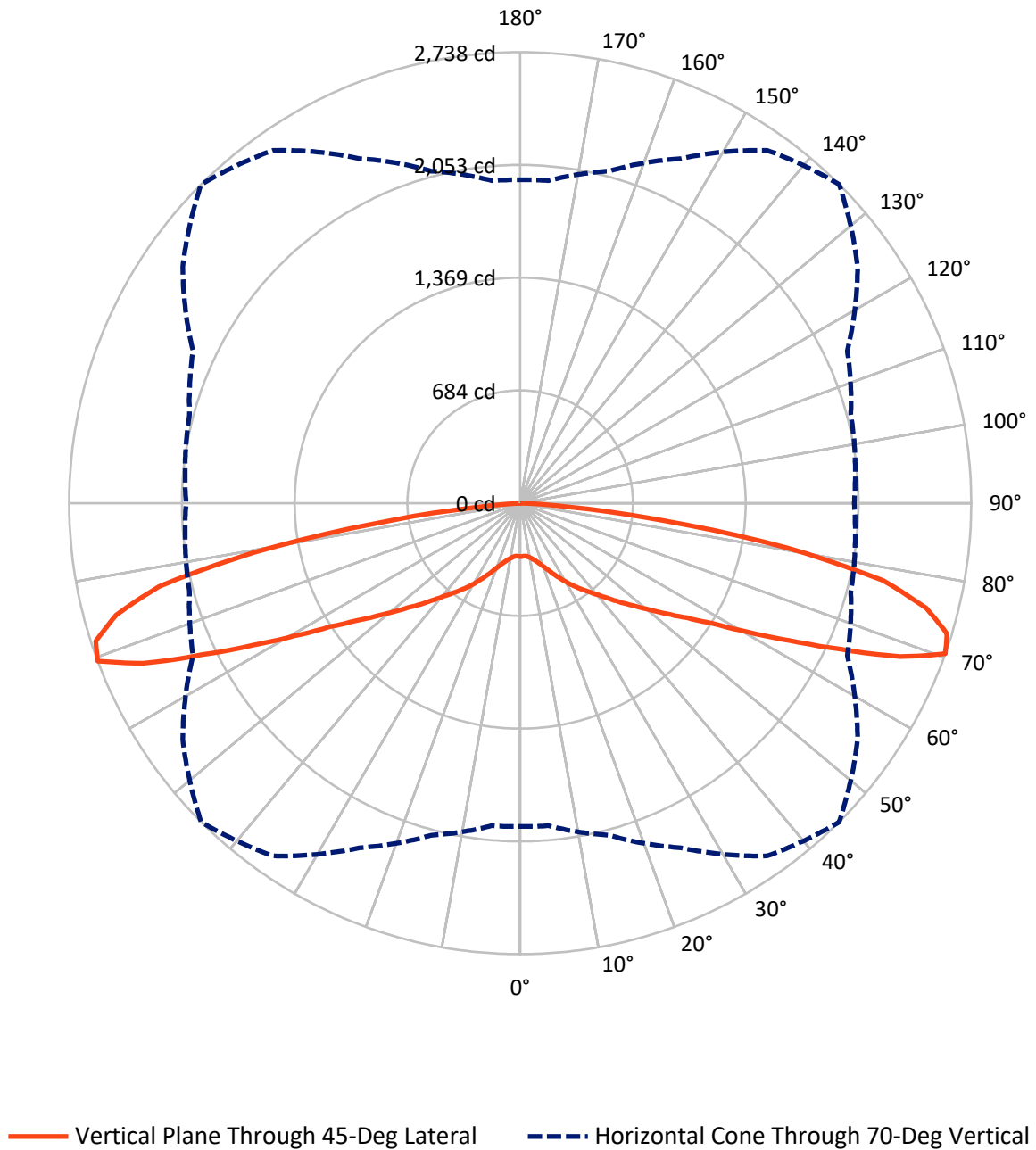
✕ Max cd
- - - 1/2 Max cd



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

REPORT NUMBER: P510967
CATALOG NUMBER: USSL-P-C016-D-U-T5-7030

Luminous Intensity Polar Plot



REPORT NUMBER: P510967

CATALOG NUMBER: USSL-P-C016-D-U-T5-7030

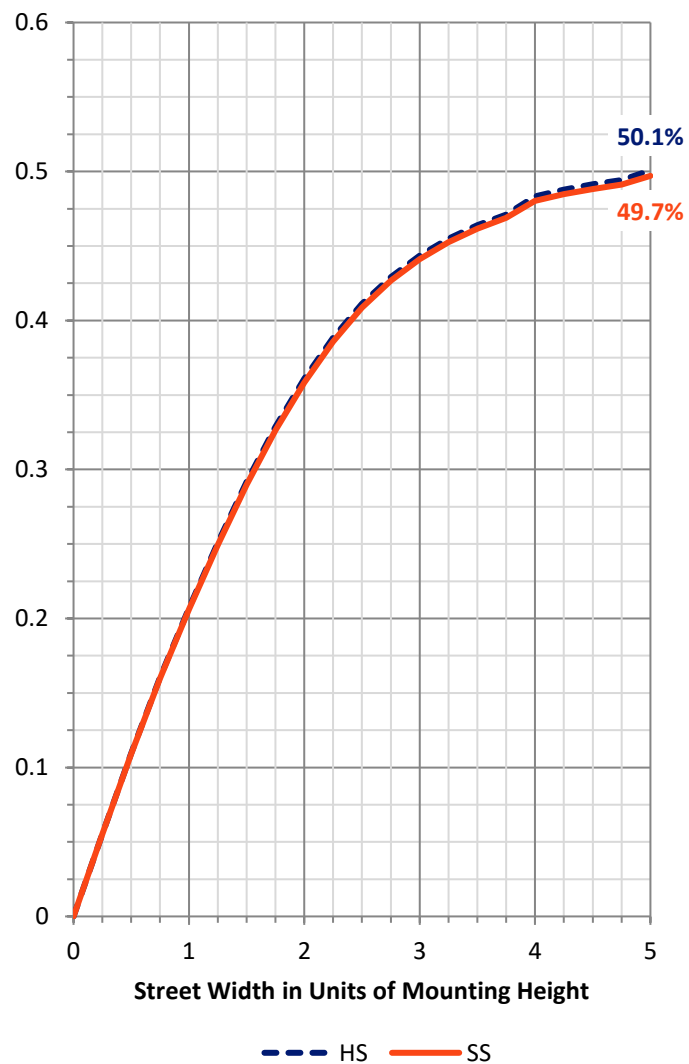
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3499.5	0.0	3499.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3499.5	0.0	3499.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	6999.0	0.0	6999.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.4	0.4
10°-20°	104.4	1.5
20°-30°	219.5	3.1
30°-40°	406.0	5.8
40°-50°	703.1	10.0
50°-60°	1243.9	17.8
60°-70°	2070.7	29.6
70°-80°	1874.7	26.8
80°-90°	345.4	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°	6999.0	100.0
0°-180°	6999.0	100.0

Coefficient of Utilization



REPORT NUMBER: P510967

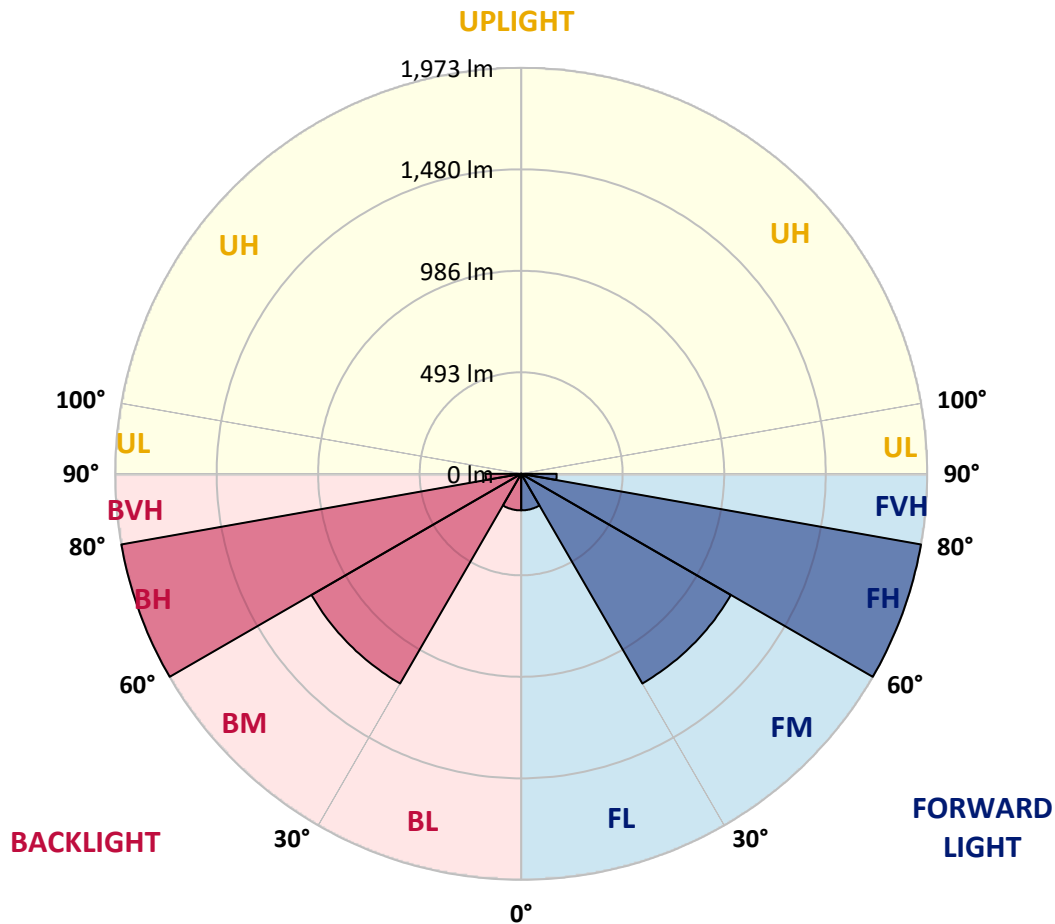
CATALOG NUMBER: USSL-P-C016-D-U-T5-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	177.6	2.5			
FM	(30°-60°)	1176.5	16.8			
FH	(60°-80°)	1972.7	28.2			G2/5000
FVH	(80°-90°)	172.7	2.5			G2/225
BL	(0°-30°)	177.6	2.5	B1/500		
BM	(30°-60°)	1176.5	16.8	B2/2500		
BH	(60°-80°)	1972.7	28.2	B3/2500		G2/5000
BVH	(80°-90°)	172.7	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



REPORT NUMBER: P510967

CATALOG NUMBER: USSL-P-C016-D-U-T5-7030

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	324.6	324.6	324.6	324.6	324.6	324.6	324.6	324.6	324.6	324.6	324.6
2.5°	324.6	323.2	323.2	321.8	321.8	323.2	323.2	324.6	326.0	326.0	326.0
5°	323.2	323.2	323.2	321.8	321.8	321.8	323.2	324.6	326.0	326.0	327.3
7.5°	327.3	328.7	327.3	326.0	326.0	327.3	328.7	330.1	331.5	332.9	331.5
10°	337.0	337.0	337.0	335.6	337.0	337.0	338.4	338.4	339.8	339.8	338.4
12.5°	346.7	346.7	346.7	348.1	348.1	349.4	350.8	349.4	348.1	346.7	346.7
15°	357.7	357.7	357.7	360.5	363.3	366.0	364.6	363.3	359.1	356.3	356.3
17.5°	374.3	374.3	374.3	378.4	384.0	386.7	385.4	379.8	378.4	377.1	377.1
20°	396.4	396.4	399.2	400.5	408.8	413.0	408.8	403.3	403.3	400.5	401.9
22.5°	424.0	425.4	424.0	429.6	437.8	443.4	437.8	435.1	432.3	432.3	432.3
25°	459.9	459.9	457.2	459.9	469.6	479.3	473.7	469.6	466.8	468.2	471.0
27.5°	495.8	497.2	495.8	494.5	505.5	516.6	509.7	505.5	508.3	509.7	509.7
30°	535.9	540.0	537.3	537.3	541.4	558.0	551.1	548.3	552.5	552.5	553.9
32.5°	585.6	587.0	584.2	582.9	587.0	599.4	592.5	593.9	599.4	603.6	603.6
35°	634.0	635.3	629.8	628.4	635.3	640.9	639.5	643.6	650.5	657.4	657.4
37.5°	687.8	683.7	682.3	678.2	679.5	685.1	686.5	696.1	708.6	715.5	716.8
40°	741.7	744.5	736.2	727.9	729.3	733.4	743.1	754.1	770.7	781.8	784.5
42.5°	816.3	814.9	803.9	788.7	785.9	791.4	808.0	827.3	848.1	859.1	860.5
45°	911.6	910.2	895.0	875.7	861.9	860.5	875.7	900.5	932.3	951.6	953.0
47.5°	1029.0	1026.2	1000.0	958.5	928.2	929.5	946.1	983.4	1023.5	1051.1	1053.8
50°	1175.4	1168.5	1132.6	1069.0	1022.1	1016.6	1029.0	1080.1	1136.7	1171.3	1176.8
52.5°	1339.8	1328.7	1288.7	1201.6	1139.5	1116.0	1128.4	1196.1	1263.8	1303.8	1305.2
55°	1505.5	1502.7	1459.9	1374.3	1281.7	1229.3	1254.1	1330.1	1414.3	1458.5	1462.7
57.5°	1679.5	1672.6	1635.3	1555.2	1450.3	1377.0	1403.3	1487.5	1571.8	1620.1	1628.4
60°	1830.1	1832.8	1803.8	1752.7	1665.7	1587.0	1596.7	1667.1	1754.1	1798.3	1805.2
62.5°	1984.8	1979.2	1972.3	1942.0	1900.5	1835.6	1810.7	1861.8	1932.3	1968.2	1971.0
65°	2175.4	2174.0	2162.9	2146.4	2160.2	2136.7	2075.9	2084.2	2107.7	2133.9	2140.8
67.5°	2186.4	2185.0	2237.5	2327.3	2455.8	2487.5	2323.2	2215.4	2179.5	2165.7	2161.6
70°	1962.7	1965.4	2087.0	2308.0	2614.6	2737.5	2500.0	2190.6	2077.3	2041.4	2027.6
72.5°	1628.4	1645.0	1799.7	2117.4	2591.1	2708.5	2511.0	2081.5	1901.9	1820.4	1819.0
75°	1221.0	1232.0	1382.6	1756.9	2378.4	2545.5	2357.7	1874.3	1638.1	1549.7	1519.3
77.5°	794.2	799.7	936.4	1276.2	1893.6	2250.0	2104.9	1562.1	1301.1	1189.2	1158.8
80°	424.0	440.6	542.8	781.8	1198.9	1640.9	1715.4	1163.0	852.2	718.2	701.6
82.5°	183.7	189.2	241.7	381.2	625.7	888.1	1142.2	727.9	473.7	357.7	337.0
85°	24.9	23.5	42.8	77.3	147.8	292.8	446.1	377.1	229.3	160.2	158.8
87.5°	2.8	2.8	2.8	4.1	4.1	4.1	20.7	33.1	18.0	13.8	8.3
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)