

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: P511064

Luminaire Tested: **USSL-P-C01-D-U-T5-7050**

Issue Date: 4/7/2021

Test Information

Test Method: LM-79-08
Report Number: P511064
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-T5-7050
Description: PREVAIL AREA AND WALL LUMINAIRE
(1) 70 CRI, 5000K, 1650mA LED AND TYPE V OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12450 lumens
Efficiency: N/A
Efficacy: 132.3 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

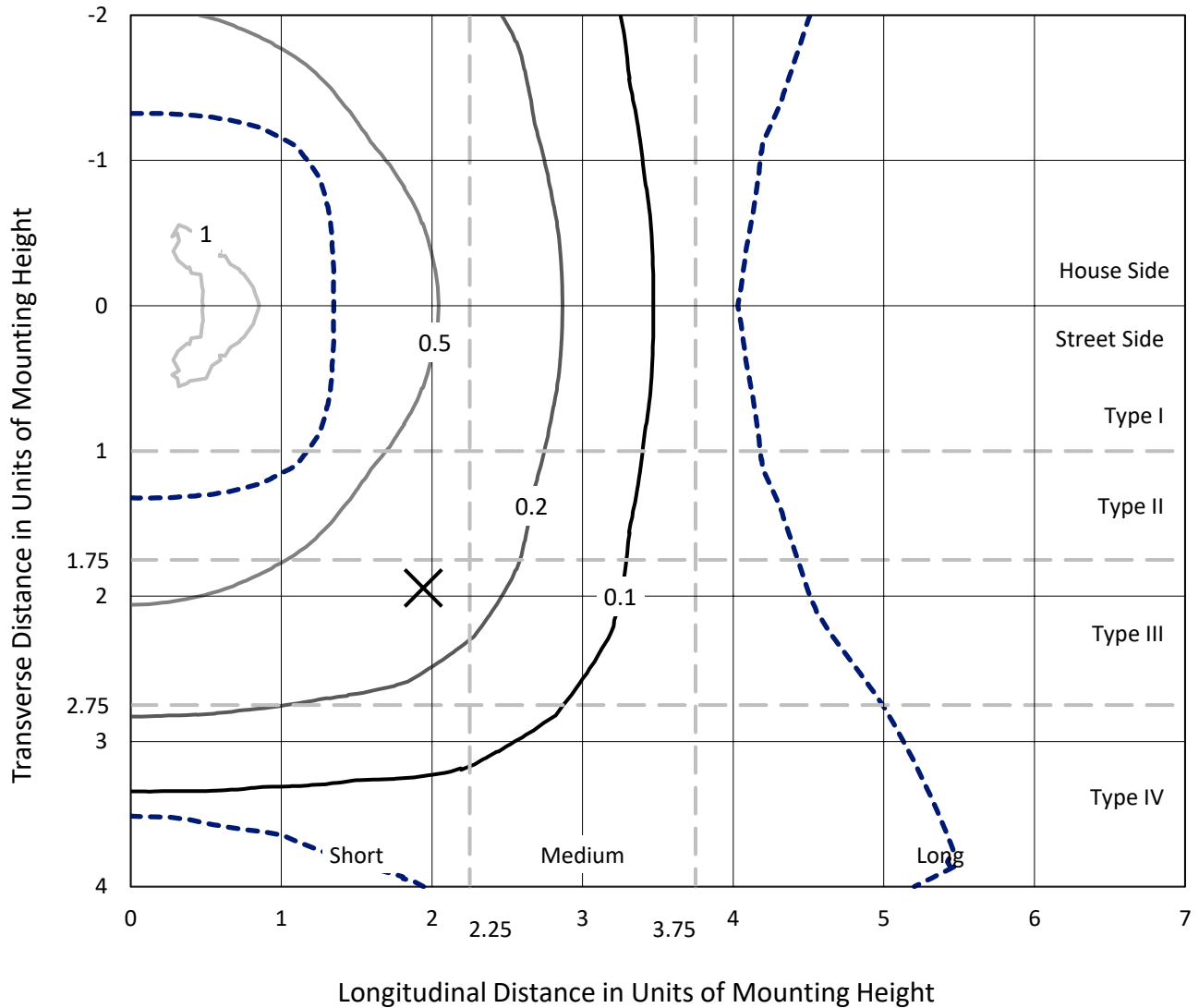
Input Watts (W): 94.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

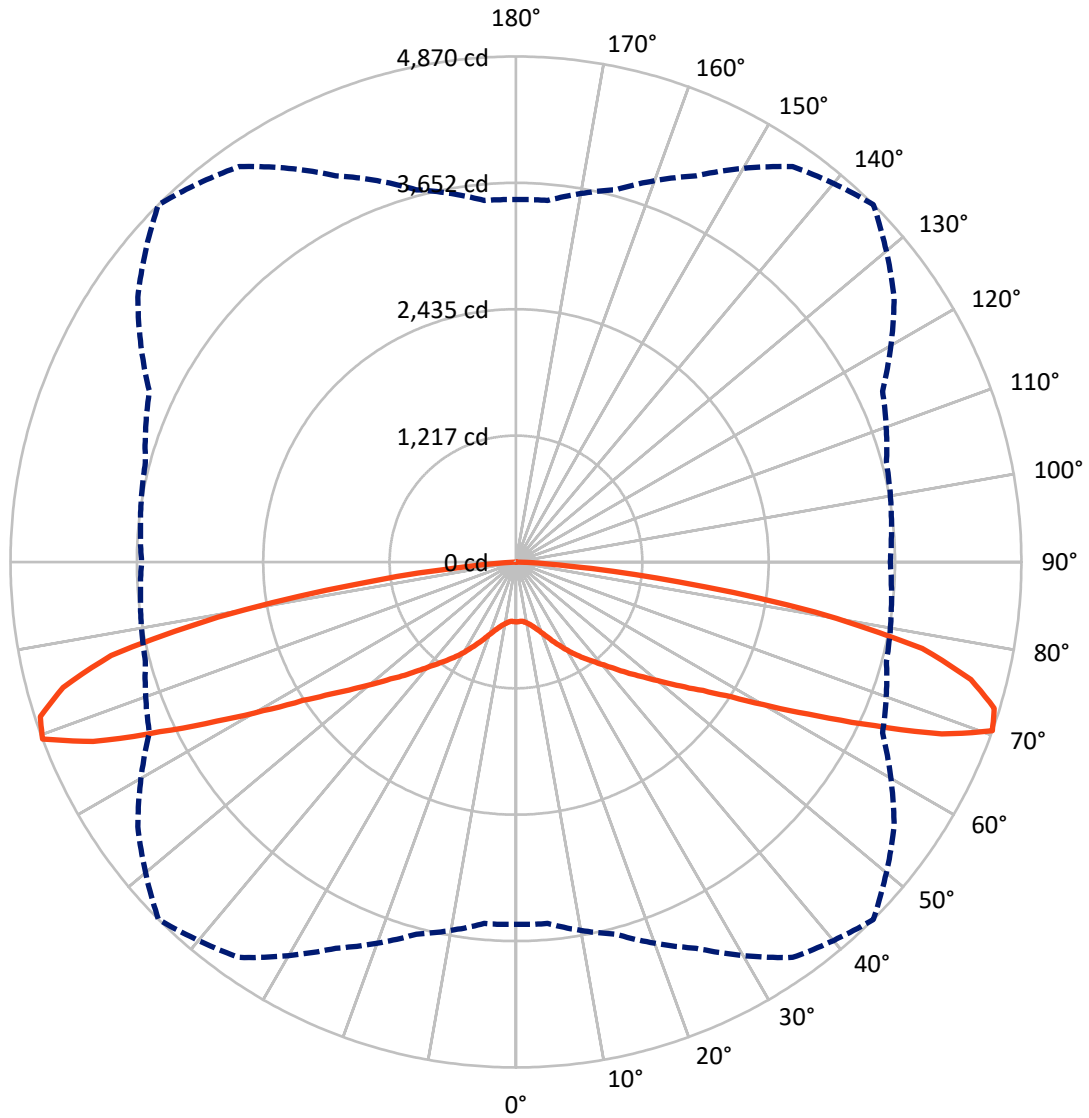
✕ Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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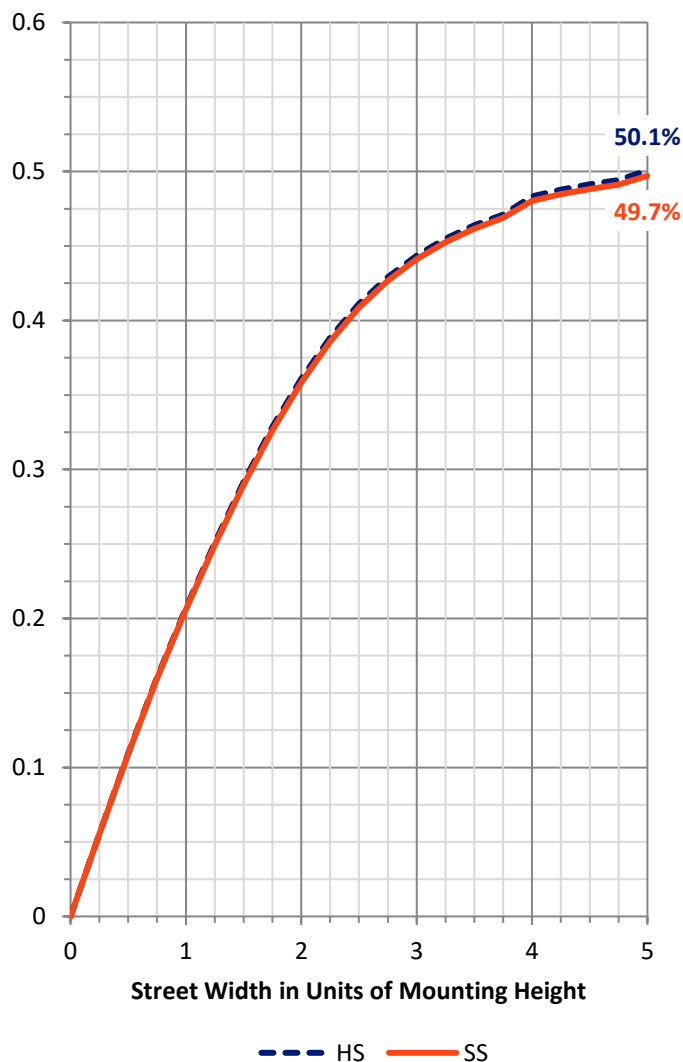
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6225.0	0.0	6225.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	6225.0	0.0	6225.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	12450.0	0.0	12450.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.8	0.4
10°-20°	185.7	1.5
20°-30°	390.4	3.1
30°-40°	722.2	5.8
40°-50°	1250.7	10.0
50°-60°	2212.6	17.8
60°-70°	3683.5	29.6
70°-80°	3334.8	26.8
80°-90°	614.4	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°	12450.0	100.0
0°-180°	12450.0	100.0

Coefficient of Utilization



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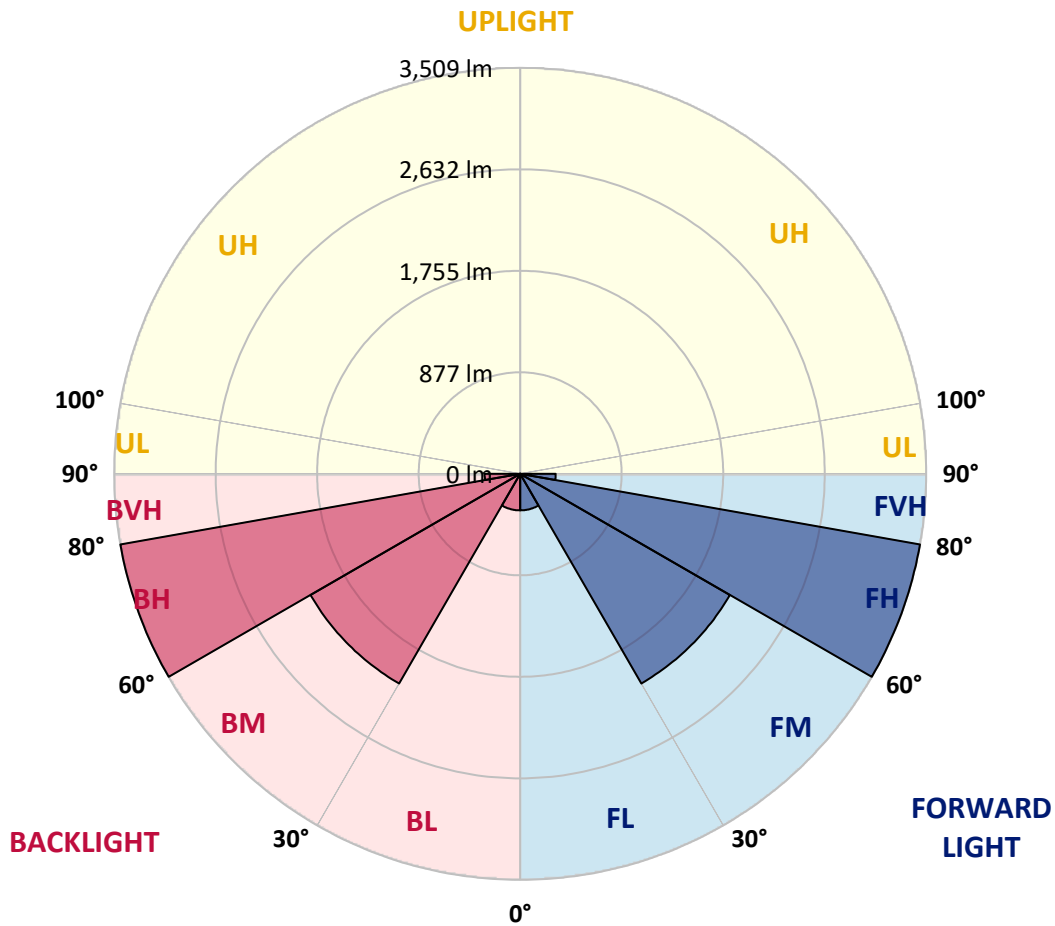
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	316.0	2.5			
FM (30°-60°)	2092.7	16.8			
FH (60°-80°)	3509.1	28.2			G2/5000
FVH (80°-90°)	307.2	2.5			G3/500
BL (0°-30°)	316.0	2.5	B1/500		
BM (30°-60°)	2092.7	16.8	B2/2500		
BH (60°-80°)	3509.1	28.2	B4/5000		G2/5000
BVH (80°-90°)	307.2	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°	577.4	577.4	577.4	577.4	577.4	577.4	577.4	577.4	577.4	577.4	577.4
2.5°	577.4	574.9	574.9	572.5	572.5	574.9	574.9	577.4	579.8	579.8	579.8
5°	574.9	574.9	574.9	572.5	572.5	572.5	574.9	577.4	579.8	579.8	582.3
7.5°	582.3	584.7	582.3	579.8	579.8	582.3	584.7	587.2	589.7	592.1	589.7
10°	599.5	599.5	599.5	597.0	599.5	599.5	601.9	601.9	604.4	604.4	601.9
12.5°	616.7	616.7	616.7	619.1	619.1	621.6	624.1	621.6	619.1	616.7	616.7
15°	636.3	636.3	636.3	641.3	646.2	651.1	648.6	646.2	638.8	633.9	633.9
17.5°	665.8	665.8	665.8	673.2	683.0	687.9	685.5	675.6	673.2	670.7	670.7
20°	705.1	705.1	710.0	712.5	727.2	734.6	727.2	717.4	717.4	712.5	715.0
22.5°	754.3	756.7	754.3	764.1	778.8	788.7	778.8	773.9	769.0	769.0	769.0
25°	818.1	818.1	813.2	818.1	835.3	852.5	842.7	835.3	830.4	832.9	837.8
27.5°	882.0	884.5	882.0	879.6	899.2	918.9	906.6	899.2	904.1	906.6	906.6
30°	953.3	960.6	955.7	955.7	963.1	992.6	980.3	975.4	982.8	982.8	985.2
32.5°	1041.7	1044.2	1039.3	1036.8	1044.2	1066.3	1054.0	1056.5	1066.3	1073.7	1073.7
35°	1127.7	1130.2	1120.3	1117.9	1130.2	1140.0	1137.5	1144.9	1157.2	1169.5	1169.5
37.5°	1223.5	1216.2	1213.7	1206.3	1208.8	1218.6	1221.1	1238.3	1260.4	1272.7	1275.1
40°	1319.4	1324.3	1309.5	1294.8	1297.2	1304.6	1321.8	1341.5	1371.0	1390.6	1395.5
42.5°	1452.0	1449.6	1429.9	1402.9	1398.0	1407.8	1437.3	1471.7	1508.5	1528.2	1530.6
45°	1621.6	1619.1	1592.1	1557.7	1533.1	1530.6	1557.7	1601.9	1658.4	1692.8	1695.3
47.5°	1830.4	1825.5	1778.8	1705.1	1651.0	1653.5	1683.0	1749.3	1820.6	1869.7	1874.6
50°	2090.8	2078.5	2014.7	1901.6	1818.1	1808.3	1830.4	1921.3	2022.0	2083.5	2093.3
52.5°	2383.2	2363.5	2292.3	2137.5	2026.9	1985.2	2007.3	2127.7	2248.1	2319.3	2321.8
55°	2678.0	2673.1	2596.9	2444.6	2280.0	2186.6	2230.9	2366.0	2515.9	2594.5	2601.9
57.5°	2987.6	2975.3	2909.0	2766.5	2579.7	2449.5	2496.2	2646.1	2796.0	2881.9	2896.7
60°	3255.4	3260.3	3208.7	3117.8	2963.0	2823.0	2840.2	2965.5	3120.3	3198.9	3211.2
62.5°	3530.6	3520.7	3508.5	3454.4	3380.7	3265.2	3221.0	3311.9	3437.2	3501.1	3506.0
65°	3869.6	3867.2	3847.5	3818.0	3842.6	3800.8	3692.7	3707.5	3749.2	3795.9	3808.2
67.5°	3889.3	3886.8	3980.2	4139.9	4368.4	4424.9	4132.5	3940.9	3877.0	3852.4	3845.0
70°	3491.3	3496.2	3712.4	4105.5	4650.9	4869.6	4447.0	3896.6	3695.2	3631.3	3606.7
72.5°	2896.7	2926.2	3201.3	3766.4	4609.1	4818.0	4466.6	3702.5	3383.2	3238.2	3235.7
75°	2171.9	2191.6	2459.4	3125.2	4230.8	4528.1	4193.9	3334.0	2913.9	2756.6	2702.6
77.5°	1412.7	1422.5	1665.8	2270.2	3368.4	4002.3	3744.3	2778.8	2314.4	2115.4	2061.3
80°	754.3	783.8	965.6	1390.6	2132.6	2918.8	3051.5	2068.7	1515.9	1277.6	1248.1
82.5°	326.8	336.6	430.0	678.1	1113.0	1579.8	2031.9	1294.8	842.7	636.3	599.5
85°	44.2	41.8	76.2	137.6	262.9	520.9	793.6	670.7	407.8	285.0	282.5
87.5°	4.9	4.9	4.9	7.4	7.4	7.4	36.9	59.0	31.9	24.6	14.7
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)