

Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P1208294

Luminaire Tested: UPW-SA1-060-730-U-T1

Issue Date: 11/4/2025

Test Information

Test Method: LM-79-2024
Report Number: P1208294
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-5)
Test Lab: INNOVATIONS CENTER
Issue Date: 2/20/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: UPW-SA1-060-730-U-T1
Description: UNDERPASS WALL MOUNT LUMINAIRE
(1) 70 CRI, 3000K, 1050mA LIGHTSQUARE WITH 16 LEDS AND TYPE I OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6910 lumens
Efficiency: N/A
Efficacy: 117.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type I - Short
BUG Rating: B3 - U0 - G3

Input Watts (W): 59
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: 28.75 FT



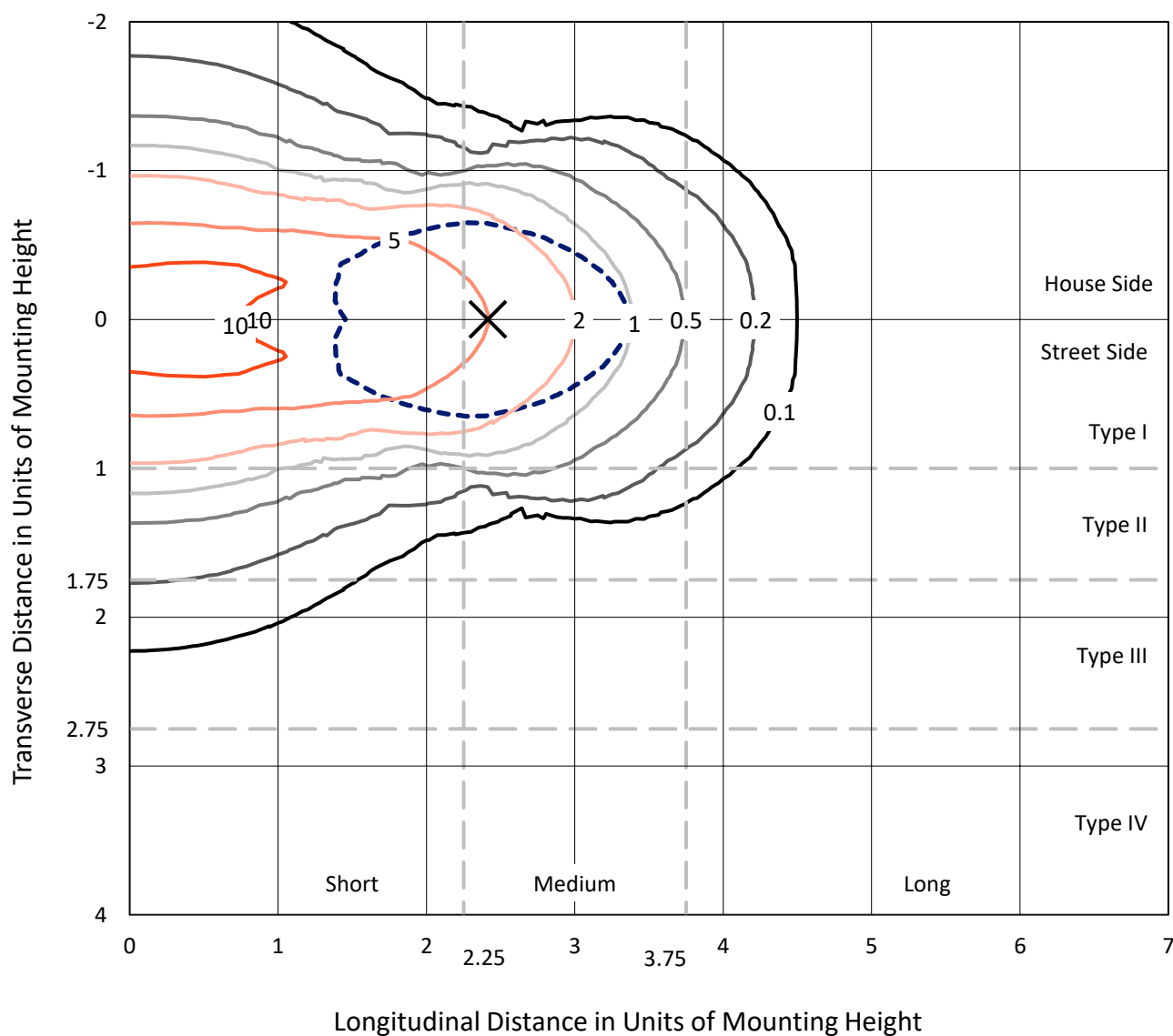
REPORT NUMBER: P1208294

CATALOG NUMBER: UPW-SA1-060-730-U-T1

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



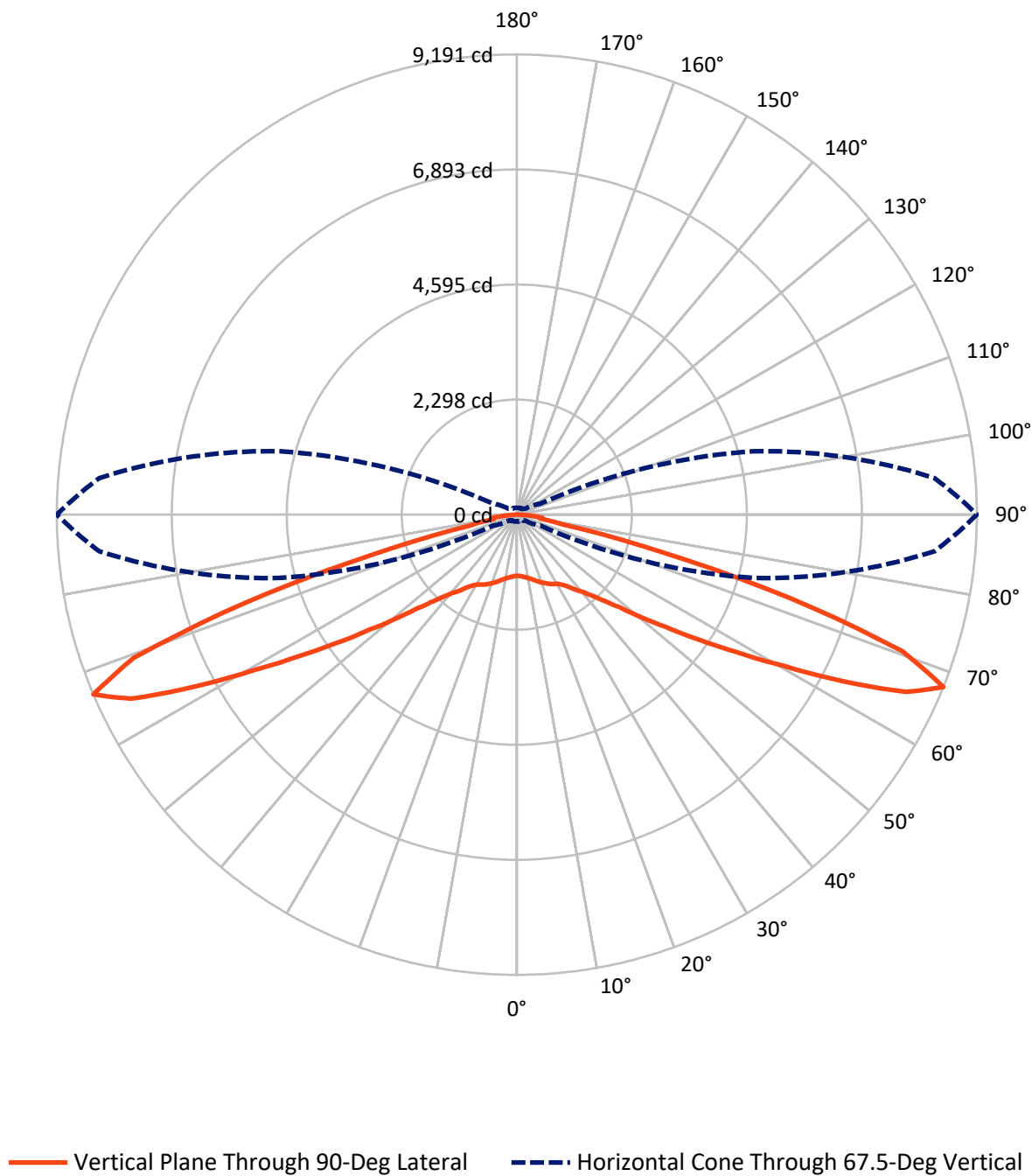
Based on 10 foot mounting height. Maximum calculated value = 12.8 fc

Type I - Short - N/A

REPORT NUMBER: P1208294

CATALOG NUMBER: UPW-SA1-060-730-U-T1

Luminous Intensity Polar Plot



REPORT NUMBER: P1208294

CATALOG NUMBER: UPW-SA1-060-730-U-T1

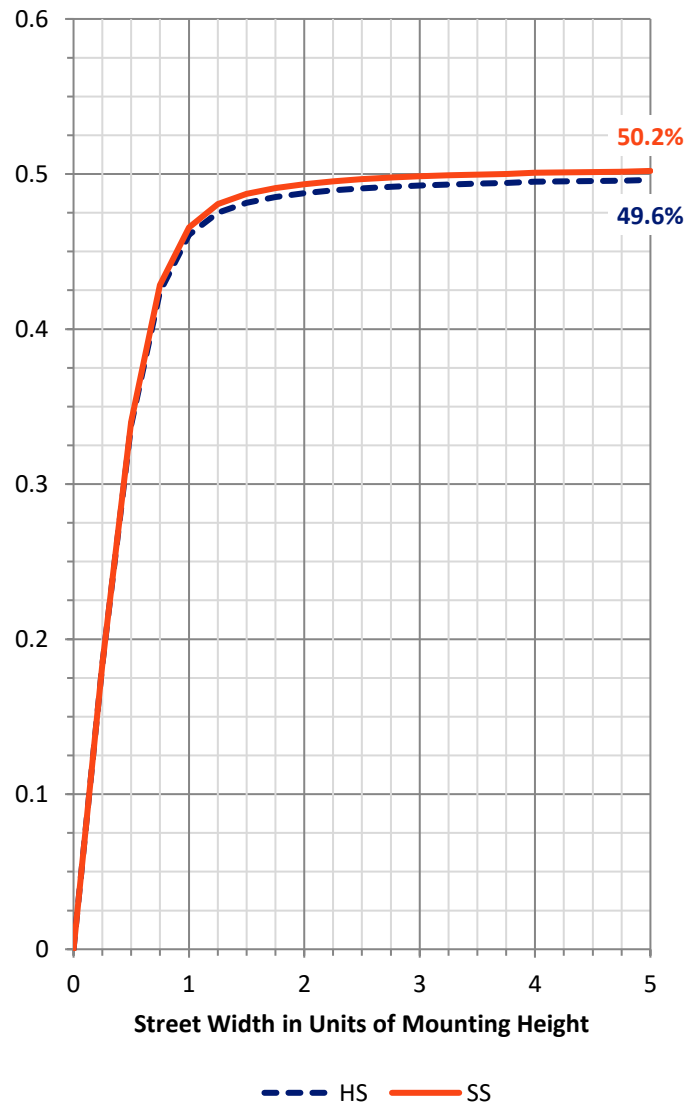
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3455.0	0.0	3455.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3455.0	0.0	3455.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	6910.0	0.0	6910.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.0	1.8
10°-20°	390.2	5.6
20°-30°	653.1	9.5
30°-40°	884.8	12.8
40°-50°	1120.7	16.2
50°-60°	1400.1	20.3
60°-70°	1645.7	23.8
70°-80°	629.6	9.1
80°-90°	63.8	0.9
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°	6910.0	100.0
0°-180°	6910.0	100.0

Coefficient of Utilization



REPORT NUMBER: P1208294

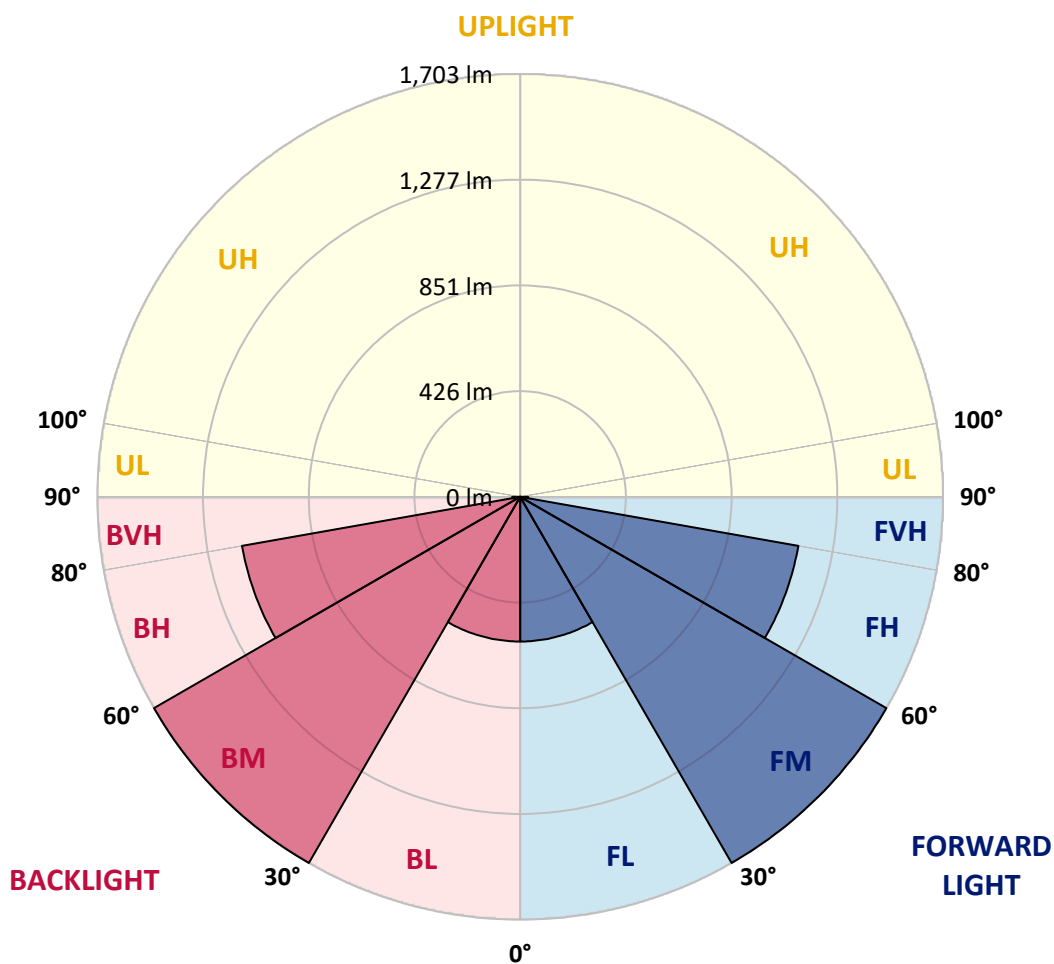
CATALOG NUMBER: UPW-SA1-060-730-U-T1

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	582.6	8.4			
FM	(30°-60°)	1702.8	24.6			
FH	(60°-80°)	1137.7	16.5			G1/1800
FVH	(80°-90°)	31.9	0.5			G1/100
BL	(0°-30°)	582.6	8.4	B2/1000		
BM	(30°-60°)	1702.8	24.6	B2/2500		
BH	(60°-80°)	1137.7	16.5	B3/2500		G3/2500
BVH	(80°-90°)	31.9	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type I Short



REPORT NUMBER: P1208294

CATALOG NUMBER: UPW-SA1-060-730-U-T1

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1223.3	1223.3	1223.3	1223.3	1223.3	1223.3	1223.3	1223.3	1223.3	1223.3	1223.3
2.5°	1239.0	1238.2	1238.6	1238.2	1239.4	1238.6	1234.0	1230.2	1227.1	1227.5	1226.3
5°	1265.4	1265.8	1266.1	1264.2	1266.9	1265.4	1258.1	1252.0	1245.9	1243.6	1242.8
7.5°	1287.2	1289.1	1290.2	1292.2	1296.8	1296.8	1292.9	1284.1	1270.7	1263.1	1262.7
10°	1309.0	1310.5	1314.0	1320.1	1327.7	1335.0	1333.5	1321.6	1304.4	1291.4	1288.3
12.5°	1316.6	1318.6	1330.0	1347.6	1364.9	1379.0	1379.0	1369.5	1347.3	1327.4	1321.6
15°	1289.9	1293.3	1314.0	1351.5	1396.6	1427.6	1434.5	1421.1	1397.4	1366.8	1359.9
17.5°	1236.7	1245.1	1275.3	1330.8	1405.8	1470.1	1490.0	1483.5	1452.9	1413.8	1405.8
20°	1179.7	1188.8	1221.0	1294.5	1398.1	1495.0	1552.7	1554.3	1516.4	1459.8	1447.9
22.5°	1116.9	1123.8	1165.1	1251.2	1375.2	1500.7	1606.7	1633.1	1581.8	1505.7	1488.8
25°	1046.5	1054.2	1097.4	1190.4	1332.0	1494.2	1656.0	1714.2	1650.3	1554.6	1533.2
27.5°	979.2	982.2	1028.5	1123.0	1274.9	1477.4	1692.4	1788.8	1726.1	1595.2	1568.0
30°	914.5	921.8	962.7	1056.1	1209.5	1444.4	1723.8	1873.8	1807.6	1637.7	1602.9
32.5°	846.0	854.8	899.2	993.7	1144.1	1395.1	1742.9	1966.7	1921.2	1706.6	1669.4
35°	780.2	785.9	830.7	922.5	1080.2	1337.7	1746.3	2071.6	2067.8	1811.0	1761.7
37.5°	712.8	721.3	766.4	854.4	1012.5	1276.9	1729.1	2182.9	2244.5	1956.0	1902.8
40°	648.2	655.5	699.8	788.6	935.5	1202.6	1688.2	2284.7	2450.8	2105.3	2029.9
42.5°	577.8	579.7	628.3	718.6	860.2	1116.5	1629.3	2375.4	2680.7	2305.4	2211.6
45°	497.8	502.8	547.9	636.7	773.7	1020.1	1549.3	2450.4	2972.3	2582.8	2455.0
47.5°	417.8	422.0	463.4	551.0	679.2	909.5	1426.1	2516.2	3271.5	2935.2	2767.6
50°	339.8	342.1	375.7	453.4	572.8	793.2	1273.4	2537.3	3609.8	3434.2	3220.3
52.5°	268.6	272.1	297.7	358.5	459.2	655.8	1108.5	2485.2	4004.7	4025.7	3724.2
55°	217.7	218.9	238.0	282.8	358.9	512.0	909.5	2340.2	4429.4	4783.7	4399.2
57.5°	187.5	188.3	199.0	223.8	276.3	386.1	705.6	2065.8	4810.9	5671.8	5177.4
60°	170.3	170.7	176.8	191.3	218.9	296.2	505.5	1678.6	5187.4	6660.2	6144.7
62.5°	159.6	159.6	163.8	171.8	185.2	227.3	366.2	1211.0	5445.3	7663.0	7337.0
65°	149.2	149.2	152.3	158.0	165.3	186.0	270.5	789.8	5438.8	8393.5	8536.2
67.5°	137.4	137.4	139.7	145.4	149.6	159.9	208.9	517.3	4885.5	8377.4	9190.5
70°	123.2	123.2	126.3	131.2	134.7	141.2	164.9	353.9	3589.1	7153.0	8173.5
72.5°	109.1	109.4	111.3	116.3	119.0	122.8	137.0	247.9	2201.7	4870.6	5715.0
75°	93.4	94.1	96.0	101.0	103.3	104.8	115.6	176.8	1113.9	2626.0	2989.9
77.5°	75.4	76.9	78.1	83.4	84.9	87.2	95.3	127.8	489.0	943.6	952.0
80°	55.1	57.0	60.5	65.4	66.6	68.1	72.7	90.7	221.5	430.8	468.0
82.5°	40.6	43.2	39.0	45.5	45.5	43.6	51.3	60.8	101.8	426.6	510.4
85°	22.2	22.6	20.3	23.3	24.9	24.5	27.2	29.8	49.4	284.7	293.5
87.5°	5.4	5.7	6.1	7.3	8.8	8.8	9.6	8.4	16.1	92.2	52.8
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)