

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: P1208777

Luminaire Tested: UPW-SA2-070-730-U-SLL

Issue Date: 11/4/2025

Test Information

Test Method: LM-79-2024
Report Number: P1208777
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2303-947-1)
Test Lab: INNOVATIONS CENTER
Issue Date: 2/20/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: UPW-SA2-070-730-U-SLL
Description: UNDERPASS WALL MOUNT LUMINAIRE
(2) 70 CRI, 3000K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR
LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8506 lumens
Efficiency: N/A
Efficacy: 128.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G3

Input Watts (W): 66
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

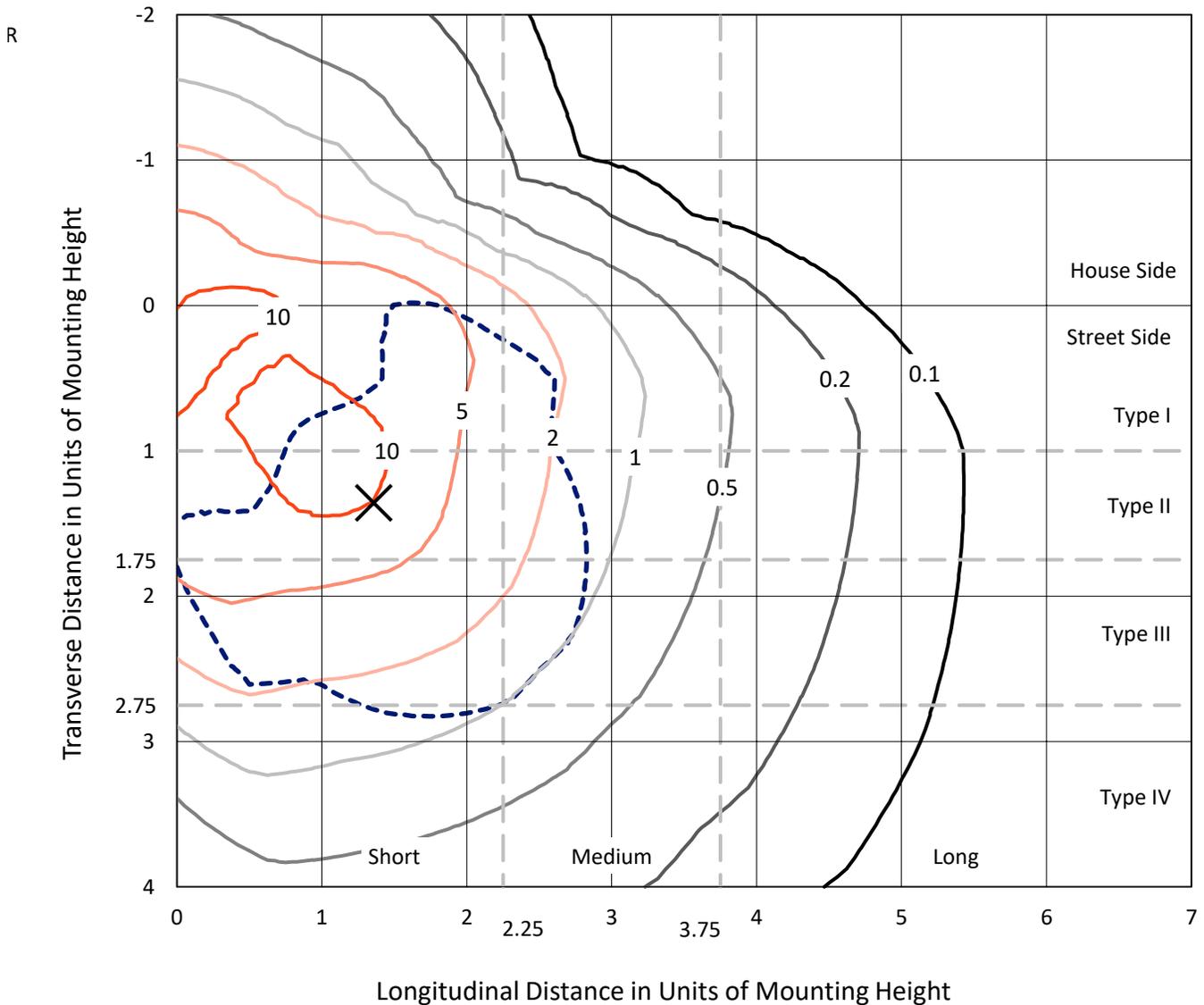


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

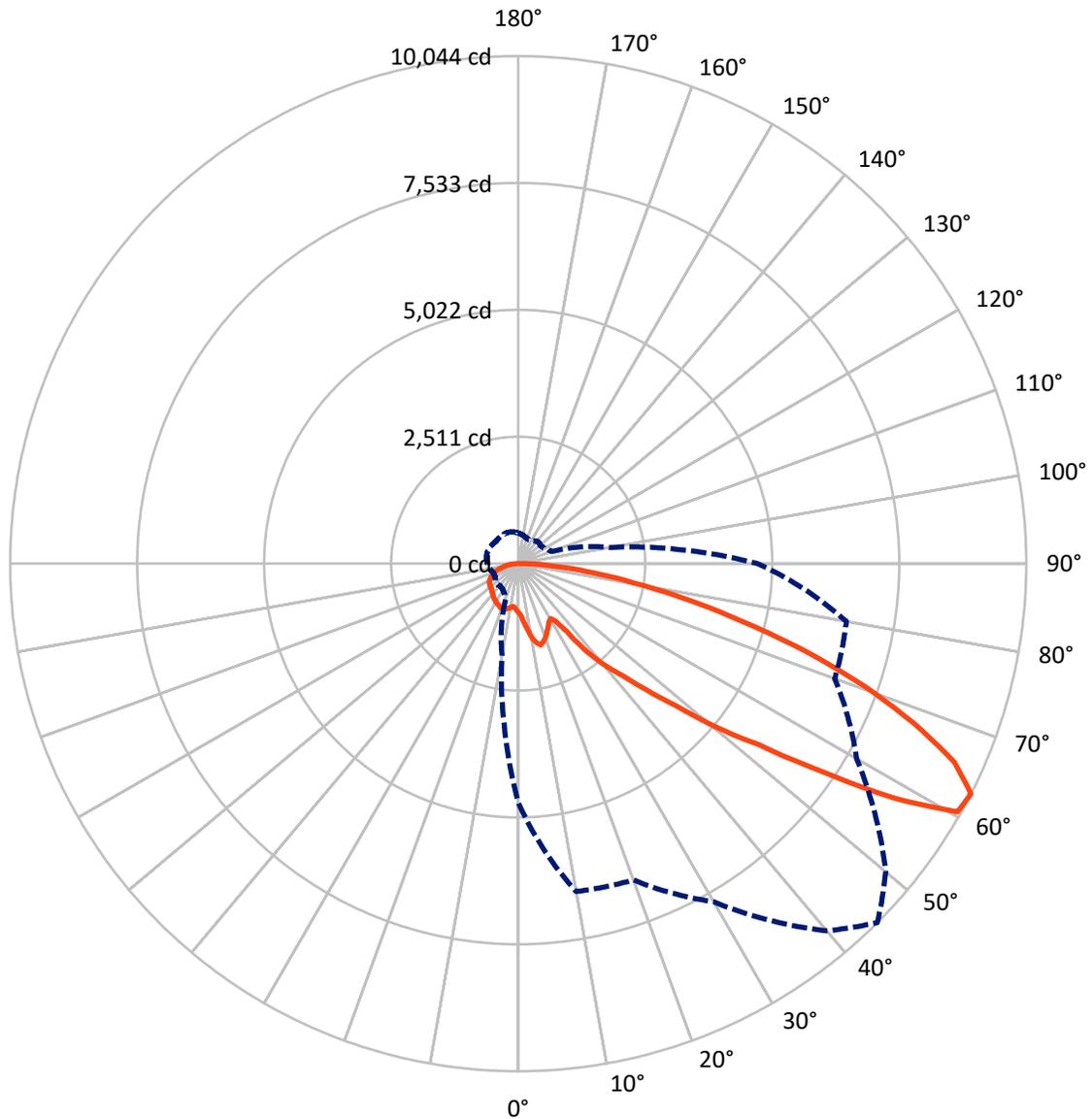


Based on 10 foot mounting height. Maximum calculated value = 14.6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2084.5	0.0	2084.5
	% Fixture	24.5	0.0	24.5
Street Side	Lumens	6421.5	0.0	6421.5
	% Fixture	75.5	0.0	75.5
Total	Lumens	8506.0	0.0	8506.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.7	1.1
10°-20°	326.3	3.8
20°-30°	530.8	6.2
30°-40°	723.9	8.5
40°-50°	1096.1	12.9
50°-60°	1884.9	22.2
60°-70°	2210.5	26.0
70°-80°	1318.3	15.5
80°-90°	318.4	3.7
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°	8506.0	100.0
0°-180°	8506.0	100.0



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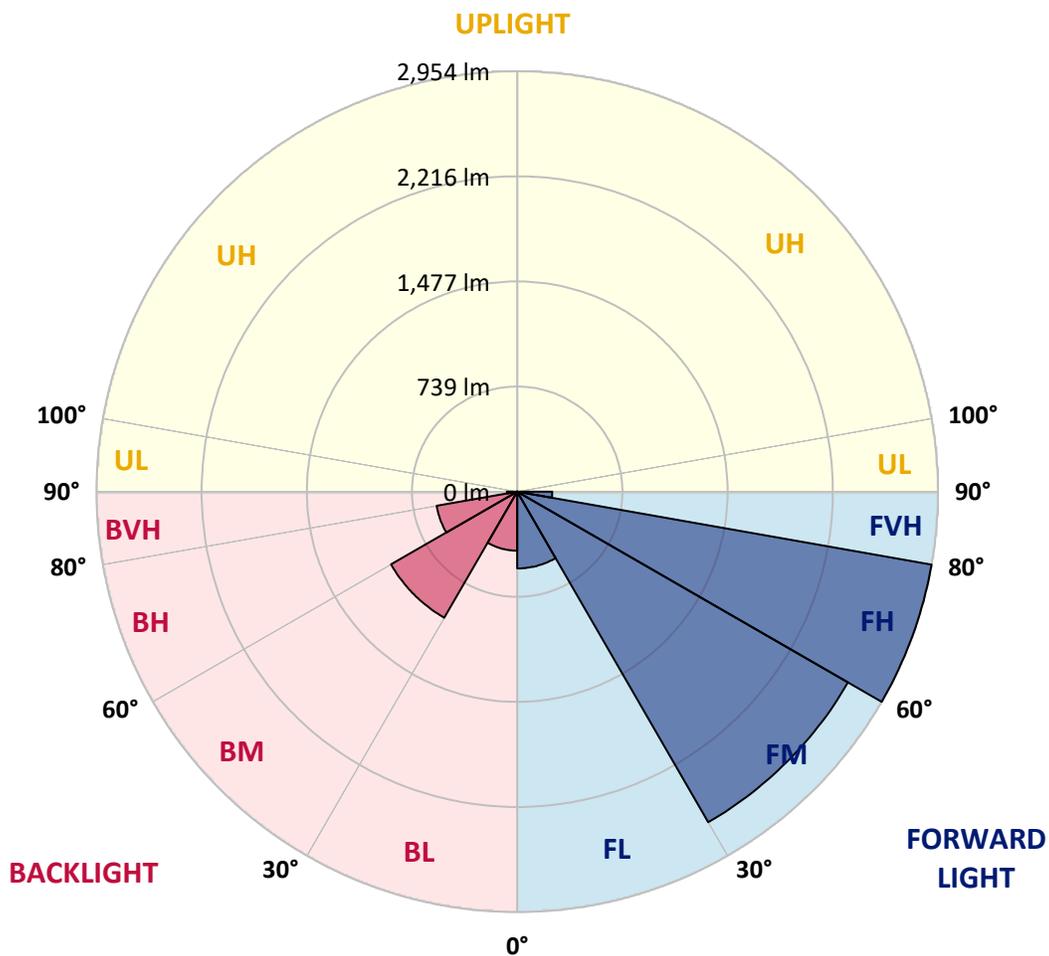
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	539.2	6.3			
FM	(30°-60°)	2681.8	31.5			
FH	(60°-80°)	2954.4	34.7			G2/5000
FVH	(80°-90°)	246.1	2.9			G3/500
BL	(0°-30°)	414.7	4.9	B1/500		
BM	(30°-60°)	1023.1	12.0	B2/2500		
BH	(60°-80°)	574.4	6.8	B2/1000		G2/1000
BVH	(80°-90°)	72.4	0.9			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	968.6	968.6	968.6	968.6	968.6	968.6	968.6	968.6	968.6	968.6	968.6
2.5°	1009.5	1013.8	1018.1	1019.9	1021.7	1023.4	1025.2	1026.5	1028.0	1024.7	1028.0
5°	1079.9	1093.2	1106.5	1118.0	1129.5	1138.2	1146.9	1151.1	1155.5	1162.6	1155.5
7.5°	1175.4	1193.5	1211.8	1236.8	1261.9	1278.9	1295.8	1303.2	1310.7	1312.7	1310.7
10°	1244.8	1291.4	1337.9	1365.6	1393.4	1413.6	1433.9	1451.3	1468.8	1488.6	1468.8
12.5°	1328.9	1381.9	1434.9	1474.8	1514.7	1540.4	1566.1	1583.3	1600.6	1606.5	1600.6
15°	1412.1	1470.0	1527.8	1565.2	1602.7	1622.6	1642.6	1651.2	1659.7	1670.2	1659.7
17.5°	1503.8	1547.2	1590.5	1615.2	1639.9	1640.8	1641.6	1630.9	1620.2	1617.9	1620.2
20°	1568.9	1604.8	1640.7	1641.2	1641.6	1620.3	1598.9	1580.2	1561.7	1553.2	1561.7
22.5°	1616.9	1641.6	1666.2	1640.8	1615.5	1568.0	1520.4	1493.5	1466.5	1459.1	1466.5
25°	1682.0	1685.8	1689.7	1638.0	1586.5	1520.2	1453.9	1419.3	1384.6	1376.4	1384.6
27.5°	1723.9	1711.9	1699.8	1621.6	1543.3	1465.4	1387.7	1348.2	1308.8	1297.5	1308.8
30°	1784.7	1741.3	1697.7	1596.9	1496.0	1417.7	1339.4	1306.4	1273.4	1263.3	1273.4
32.5°	1846.0	1773.6	1701.1	1593.0	1484.8	1430.2	1375.7	1366.7	1357.7	1350.8	1357.7
35°	1896.4	1815.0	1733.7	1652.2	1570.8	1579.1	1587.5	1616.7	1646.1	1645.4	1646.1
37.5°	1984.8	1901.5	1818.3	1804.8	1791.4	1896.4	2001.4	2085.8	2170.0	2213.9	2170.0
40°	2107.9	2049.4	1991.0	2039.7	2088.4	2234.4	2380.4	2480.2	2580.1	2653.1	2580.1
42.5°	2279.5	2246.2	2212.9	2273.9	2334.8	2495.1	2655.2	2791.3	2927.2	3029.5	2927.2
45°	2573.7	2539.4	2505.0	2534.0	2562.9	2763.5	2964.1	3177.2	3390.3	3570.4	3390.3
47.5°	3066.1	2986.2	2906.4	2882.1	2857.6	3127.9	3398.1	3709.5	4021.1	4206.3	4021.1
50°	3717.2	3592.4	3467.7	3353.8	3240.0	3621.3	4002.7	4456.3	4909.9	5100.8	4909.9
52.5°	4316.1	4201.6	4087.0	3886.9	3686.8	4138.1	4589.4	5178.5	5767.5	5950.6	5767.5
55°	4835.6	4883.5	4931.4	4660.7	4390.0	4890.6	5391.2	6145.9	6900.4	7223.4	6900.4
57.5°	5210.1	5636.2	6062.3	5773.0	5483.7	5951.0	6418.3	7315.3	8212.3	8752.9	8212.3
60°	5146.0	5999.9	6853.9	6725.4	6597.0	6996.2	7395.5	8368.7	9342.0	9973.5	9342.0
62.5°	4727.7	5657.1	6586.6	6622.8	6659.0	7192.2	7725.3	8605.2	9485.1	10043.8	9485.1
65°	4207.7	5082.5	5957.3	6011.0	6064.7	6681.1	7297.6	8160.6	9023.6	9474.4	9023.6
67.5°	3609.8	4519.5	5429.2	5461.6	5494.1	6057.6	6621.0	7397.8	8174.6	8433.5	8174.6
70°	3095.6	3962.1	4828.7	4899.8	4970.8	5462.8	5954.6	6529.8	7105.0	7252.9	7105.0
72.5°	2482.0	3353.5	4225.1	4333.7	4442.2	4802.7	5163.1	5565.3	5967.3	5953.5	5967.3
75°	1826.1	2642.8	3459.6	3609.8	3760.0	3981.0	4202.0	4414.4	4626.8	4566.6	4626.8
77.5°	1266.2	1926.7	2587.3	2746.3	2905.4	3061.3	3217.2	3366.9	3516.7	3422.1	3516.7
80°	698.2	1168.8	1639.6	1818.5	1997.6	2160.6	2323.4	2400.7	2477.9	2318.5	2477.9
82.5°	345.5	608.4	871.2	1049.3	1227.4	1392.5	1557.5	1605.9	1654.2	1501.9	1654.2
85°	135.9	267.9	399.7	532.7	665.6	795.6	925.7	930.6	935.7	826.1	935.7
87.5°	49.0	102.9	156.8	225.3	293.7	363.6	433.5	431.0	428.4	353.6	428.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	968.6	968.6	968.6	968.6	968.6	968.6	968.6	968.6	968.6	968.6	968.6
2.5°	1026.5	1025.2	1023.4	1021.7	1019.9	1018.1	1013.8	1009.5	1006.9	1005.9	1002.4
5°	1151.1	1146.9	1138.2	1129.5	1118.0	1106.5	1093.2	1079.9	1072.0	1061.0	1045.5
7.5°	1303.2	1295.8	1278.9	1261.9	1236.8	1211.8	1193.5	1175.4	1139.6	1109.5	1084.7
10°	1451.3	1433.9	1413.6	1393.4	1365.6	1337.9	1291.4	1244.8	1215.2	1180.1	1137.9
12.5°	1583.3	1566.1	1540.4	1514.7	1474.8	1434.9	1381.9	1328.9	1283.4	1233.8	1182.9
15°	1651.2	1642.6	1622.6	1602.7	1565.2	1527.8	1470.0	1412.1	1356.7	1294.2	1227.1
17.5°	1630.9	1641.6	1640.8	1639.9	1615.2	1590.5	1547.2	1503.8	1422.7	1342.7	1263.2
20°	1580.2	1598.9	1620.3	1641.6	1641.2	1640.7	1604.8	1568.9	1487.1	1400.4	1304.0
22.5°	1493.5	1520.4	1568.0	1615.5	1640.8	1666.2	1641.6	1616.9	1531.5	1438.2	1326.5
25°	1419.3	1453.9	1520.2	1586.5	1638.0	1689.7	1685.8	1682.0	1579.8	1470.7	1340.8
27.5°	1348.2	1387.7	1465.4	1543.3	1621.6	1699.8	1711.9	1723.9	1631.8	1526.6	1380.3
30°	1306.4	1339.4	1417.7	1496.0	1596.9	1697.7	1741.3	1784.7	1689.9	1578.0	1414.0
32.5°	1366.7	1375.7	1430.2	1484.8	1593.0	1701.1	1773.6	1846.0	1743.8	1621.9	1435.8
35°	1616.7	1587.5	1579.1	1570.8	1652.2	1733.7	1815.0	1896.4	1796.0	1667.3	1455.9
37.5°	2085.8	2001.4	1896.4	1791.4	1804.8	1818.3	1901.5	1984.8	1864.8	1712.0	1471.5
40°	2480.2	2380.4	2234.4	2088.4	2039.7	1991.0	2049.4	2107.9	1976.0	1792.0	1506.9
42.5°	2791.3	2655.2	2495.1	2334.8	2273.9	2212.9	2246.2	2279.5	2097.6	1866.2	1540.5
45°	3177.2	2964.1	2763.5	2562.9	2534.0	2505.0	2539.4	2573.7	2294.3	1969.1	1586.6
47.5°	3709.5	3398.1	3127.9	2857.6	2882.1	2906.4	2986.2	3066.1	2623.7	2134.8	1660.2
50°	4456.3	4002.7	3621.3	3240.0	3353.8	3467.7	3592.4	3717.2	3095.1	2400.0	1790.1
52.5°	5178.5	4589.4	4138.1	3686.8	3886.9	4087.0	4201.6	4316.1	3506.2	2614.6	1889.7
55°	6145.9	5391.2	4890.6	4390.0	4660.7	4931.4	4883.5	4835.6	3782.3	2702.3	1915.8
57.5°	7315.3	6418.3	5951.0	5483.7	5773.0	6062.3	5636.2	5210.1	3822.6	2540.7	1793.8
60°	8368.7	7395.5	6996.2	6597.0	6725.4	6853.9	5999.9	5146.0	3584.8	2185.6	1528.3
62.5°	8605.2	7725.3	7192.2	6659.0	6622.8	6586.6	5657.1	4727.7	3191.5	1835.8	1270.1
65°	8160.6	7297.6	6681.1	6064.7	6011.0	5957.3	5082.5	4207.7	2754.8	1506.9	1033.3
67.5°	7397.8	6621.0	6057.6	5494.1	5461.6	5429.2	4519.5	3609.8	2295.4	1201.7	812.9
70°	6529.8	5954.6	5462.8	4970.8	4899.8	4828.7	3962.1	3095.6	1880.9	924.2	631.6
72.5°	5565.3	5163.1	4802.7	4442.2	4333.7	4225.1	3353.5	2482.0	1451.3	676.8	476.4
75°	4414.4	4202.0	3981.0	3760.0	3609.8	3459.6	2642.8	1826.1	1044.5	477.2	352.3
77.5°	3366.9	3217.2	3061.3	2905.4	2746.3	2587.3	1926.7	1266.2	719.4	332.9	259.5
80°	2400.7	2323.4	2160.6	1997.6	1818.5	1639.6	1168.8	698.2	414.1	214.8	179.2
82.5°	1605.9	1557.5	1392.5	1227.4	1049.3	871.2	608.4	345.5	220.8	135.2	120.6
85°	930.6	925.7	795.6	665.6	532.7	399.7	267.9	135.9	99.8	75.9	71.9
87.5°	431.0	433.5	363.6	293.7	225.3	156.8	102.9	49.0	38.0	31.6	30.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	968.6	968.6	968.6	968.6	968.6	968.6	968.6	968.6	968.6	968.6	968.6
2.5°	998.9	992.5	986.2	981.8	977.2	972.0	963.7	959.5	955.3	951.3	947.3
5°	1030.0	1015.3	1000.8	988.5	976.2	965.3	955.1	943.7	932.3	922.4	912.6
7.5°	1059.9	1036.3	1012.8	994.8	976.7	959.6	942.8	929.4	915.9	904.9	894.0
10°	1095.8	1062.9	1030.2	1010.1	990.0	974.3	947.7	933.6	919.4	908.8	898.1
12.5°	1131.9	1090.5	1049.2	1020.1	991.0	969.1	958.0	951.4	944.9	937.2	929.5
15°	1159.9	1107.4	1055.0	1021.5	988.1	965.3	958.9	961.1	963.4	965.9	968.4
17.5°	1183.7	1115.4	1047.1	1007.8	968.6	946.3	956.7	964.3	971.7	983.1	994.5
20°	1207.4	1121.5	1035.4	988.0	940.6	918.7	923.4	941.1	958.7	980.1	1001.7
22.5°	1214.8	1112.9	1010.9	957.3	903.8	882.1	900.9	922.5	944.1	966.6	989.1
25°	1210.8	1094.7	978.6	924.0	869.3	851.2	870.3	891.5	912.7	934.4	956.1
27.5°	1234.0	1099.2	964.4	903.8	843.2	823.7	842.0	859.9	877.9	896.9	915.9
30°	1250.0	1101.8	953.6	889.9	826.2	805.1	811.1	823.5	835.7	852.5	869.0
32.5°	1249.8	1089.2	928.5	868.7	808.9	789.9	795.8	801.0	806.1	818.0	829.9
35°	1244.5	1071.2	897.8	843.1	788.2	773.8	772.0	771.7	771.4	776.7	782.1
37.5°	1231.0	1044.5	857.9	805.6	753.3	742.9	738.9	735.6	732.1	735.7	739.1
40°	1221.7	1018.6	815.6	765.1	714.6	711.0	708.2	703.4	698.7	699.1	699.4
42.5°	1214.8	997.2	779.5	731.1	682.7	675.9	668.3	666.0	663.7	662.5	661.1
45°	1204.2	980.0	755.7	707.0	658.3	638.3	638.0	632.9	627.9	629.7	631.4
47.5°	1185.6	962.1	738.6	694.5	650.4	618.8	607.0	604.4	601.7	604.6	607.4
50°	1180.4	955.5	730.8	690.3	650.0	603.6	581.4	579.8	578.1	586.3	594.3
52.5°	1164.9	939.1	713.1	681.9	650.7	604.6	574.4	570.3	566.1	578.0	589.8
55°	1129.3	905.1	681.1	669.6	658.0	630.7	578.0	564.4	550.9	565.4	579.9
57.5°	1047.1	854.5	661.8	654.6	647.3	647.8	588.2	562.4	536.6	550.9	565.1
60°	870.9	759.5	648.1	626.3	604.6	625.5	590.3	560.3	530.2	538.5	546.8
62.5°	704.4	651.5	598.7	581.3	563.9	588.4	575.9	550.4	524.9	524.0	523.0
65°	559.7	549.2	538.8	535.0	531.2	537.6	544.7	528.0	511.4	504.0	496.7
67.5°	424.1	433.6	443.0	461.4	479.9	482.4	499.1	489.9	480.8	475.1	469.4
70°	338.9	351.7	364.5	391.8	419.2	432.5	447.4	448.7	449.8	445.6	441.3
72.5°	276.1	287.3	298.5	329.4	360.3	389.3	405.3	405.3	405.4	403.4	401.3
75°	227.4	235.6	243.8	272.4	301.1	337.9	354.7	356.3	357.9	356.6	355.3
77.5°	186.1	190.1	194.1	220.2	246.2	289.5	306.8	310.7	314.6	313.1	311.6
80°	143.5	146.3	149.1	170.7	192.5	231.0	251.2	256.9	262.5	262.2	261.6
82.5°	106.0	107.5	109.1	125.6	142.1	169.7	191.4	200.3	209.1	215.6	222.0
85°	68.0	68.8	69.6	79.9	90.3	107.4	129.5	145.8	162.1	174.0	185.8
87.5°	28.7	27.8	26.8	32.1	37.3	46.6	73.4	90.0	106.7	112.7	118.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1208777

CATALOG NUMBER: UPW-SA2-070-730-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	968.6	968.6	968.6	968.6	968.6	968.6	968.6	968.6	968.6	968.6	968.6
2.5°	943.4	939.6	936.8	933.9	928.3	922.8	919.7	916.5	915.5	914.5	916.7
5°	906.4	900.2	893.5	886.9	881.8	876.6	872.6	868.6	866.9	865.2	865.8
7.5°	885.1	876.2	869.9	863.6	862.4	861.2	858.6	856.0	855.7	855.5	856.3
10°	889.9	881.9	877.5	873.1	871.7	870.3	870.2	870.0	872.6	875.3	877.5
12.5°	921.3	913.3	913.6	914.0	907.0	900.2	898.4	896.6	900.0	903.2	904.5
15°	966.3	964.1	956.2	948.2	940.0	931.8	929.1	926.3	926.1	925.9	924.7
17.5°	999.2	1004.0	994.7	985.3	972.1	958.9	952.7	946.6	943.8	941.1	939.7
20°	1009.6	1017.6	1008.6	999.5	984.8	970.1	960.3	950.6	949.2	947.7	947.6
22.5°	996.1	1003.0	998.0	992.9	977.0	961.0	950.5	939.9	935.5	931.1	933.0
25°	965.9	975.8	974.5	973.4	956.9	940.3	928.7	917.1	914.9	912.7	912.2
27.5°	926.9	938.0	939.6	941.1	928.7	916.4	905.5	894.7	892.8	890.9	893.4
30°	880.4	891.8	895.8	899.7	891.8	884.0	876.6	869.3	869.7	870.0	873.7
32.5°	840.7	851.5	857.5	863.6	862.3	861.0	858.2	855.3	851.5	847.7	849.0
35°	791.9	801.8	813.5	825.1	826.6	828.1	829.3	830.3	830.3	830.3	833.5
37.5°	747.6	756.2	768.3	780.4	789.1	797.7	801.7	805.6	808.8	811.8	813.1
40°	707.1	714.8	726.2	737.6	753.7	769.8	778.6	787.6	787.9	788.2	786.3
42.5°	667.7	674.1	691.5	708.7	726.6	744.5	752.4	760.3	763.7	767.1	768.0
45°	639.6	647.8	662.7	677.8	698.3	718.8	728.6	738.4	740.1	741.9	741.5
47.5°	615.8	624.1	642.4	660.7	680.7	700.8	711.1	721.5	723.0	724.5	725.8
50°	603.8	613.3	629.2	645.0	666.4	687.7	702.0	716.3	715.8	715.3	711.5
52.5°	597.1	604.4	619.2	634.0	657.4	680.8	694.7	708.4	709.6	710.8	708.7
55°	588.6	597.4	613.9	630.2	651.1	671.9	685.2	698.5	699.8	701.3	697.2
57.5°	580.3	595.5	612.2	628.8	650.1	671.3	682.7	694.1	691.5	689.0	685.7
60°	568.5	590.3	606.0	621.7	641.4	661.1	669.0	676.8	673.8	670.6	663.6
62.5°	546.4	569.6	587.6	605.5	623.5	641.4	647.0	652.6	649.6	646.6	638.7
65°	517.2	537.8	556.9	576.0	590.9	605.7	612.6	619.3	614.5	609.5	601.6
67.5°	489.5	509.5	524.2	539.0	553.7	568.4	574.1	579.7	574.2	568.9	558.5
70°	456.1	470.7	489.6	508.6	516.7	524.9	528.0	531.2	526.0	520.9	514.3
72.5°	415.9	430.4	442.9	455.3	463.0	470.7	474.3	478.0	472.2	466.5	457.6
75°	367.8	380.2	391.6	403.0	411.4	419.7	421.9	424.0	416.8	409.7	400.4
77.5°	319.2	326.8	331.7	336.5	346.0	355.5	357.3	359.1	353.7	348.4	339.7
80°	265.2	268.8	270.1	271.4	278.4	285.4	287.3	289.2	286.6	284.0	276.8
82.5°	224.3	226.7	216.3	205.8	211.4	216.9	221.3	225.5	224.3	223.2	217.2
85°	178.8	171.9	144.9	117.9	128.5	139.3	146.4	153.5	154.8	155.9	151.7
87.5°	109.4	100.0	80.2	60.4	69.0	77.8	84.8	92.0	87.4	82.7	73.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1208777

CATALOG NUMBER: UPW-SA2-070-730-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	968.6	968.6	968.6	968.6	968.6	968.6	968.6	968.6	968.6	968.6	968.6
2.5°	919.0	922.1	919.0	916.7	914.5	915.5	916.5	919.7	922.8	928.3	933.9
5°	866.2	866.0	866.2	865.8	865.2	866.9	868.6	872.6	876.6	881.8	886.9
7.5°	856.9	853.6	856.9	856.3	855.5	855.7	856.0	858.6	861.2	862.4	863.6
10°	879.8	878.3	879.8	877.5	875.3	872.6	870.0	870.2	870.3	871.7	873.1
12.5°	905.7	903.0	905.7	904.5	903.2	900.0	896.6	898.4	900.2	907.0	914.0
15°	923.5	922.1	923.5	924.7	925.9	926.1	926.3	929.1	931.8	940.0	948.2
17.5°	938.4	940.1	938.4	939.7	941.1	943.8	946.6	952.7	958.9	972.1	985.3
20°	947.5	946.8	947.5	947.6	947.7	949.2	950.6	960.3	970.1	984.8	999.5
22.5°	934.9	941.1	934.9	933.0	931.1	935.5	939.9	950.5	961.0	977.0	992.9
25°	911.6	908.8	911.6	912.2	912.7	914.9	917.1	928.7	940.3	956.9	973.4
27.5°	895.6	897.3	895.6	893.4	890.9	892.8	894.7	905.5	916.4	928.7	941.1
30°	877.4	884.0	877.4	873.7	870.0	869.7	869.3	876.6	884.0	891.8	899.7
32.5°	850.3	855.5	850.3	849.0	847.7	851.5	855.3	858.2	861.0	862.3	863.6
35°	836.5	843.2	836.5	833.5	830.3	830.3	830.3	829.3	828.1	826.6	825.1
37.5°	814.5	814.6	814.5	813.1	811.8	808.8	805.6	801.7	797.7	789.1	780.4
40°	784.4	785.2	784.4	786.3	788.2	787.9	787.6	778.6	769.8	753.7	737.6
42.5°	768.8	770.9	768.8	768.0	767.1	763.7	760.3	752.4	744.5	726.6	708.7
45°	741.0	738.6	741.0	741.5	741.9	740.1	738.4	728.6	718.8	698.3	677.8
47.5°	727.0	729.1	727.0	725.8	724.5	723.0	721.5	711.1	700.8	680.7	660.7
50°	707.7	706.3	707.7	711.5	715.3	715.8	716.3	702.0	687.7	666.4	645.0
52.5°	706.5	707.2	706.5	708.7	710.8	709.6	708.4	694.7	680.8	657.4	634.0
55°	693.0	690.1	693.0	697.2	701.3	699.8	698.5	685.2	671.9	651.1	630.2
57.5°	682.5	683.5	682.5	685.7	689.0	691.5	694.1	682.7	671.3	650.1	628.8
60°	656.7	651.1	656.7	663.6	670.6	673.8	676.8	669.0	661.1	641.4	621.7
62.5°	630.7	620.7	630.7	638.7	646.6	649.6	652.6	647.0	641.4	623.5	605.5
65°	593.6	588.4	593.6	601.6	609.5	614.5	619.3	612.6	605.7	590.9	576.0
67.5°	548.0	539.9	548.0	558.5	568.9	574.2	579.7	574.1	568.4	553.7	539.0
70°	507.6	501.9	507.6	514.3	520.9	526.0	531.2	528.0	524.9	516.7	508.6
72.5°	448.7	443.0	448.7	457.6	466.5	472.2	478.0	474.3	470.7	463.0	455.3
75°	391.2	383.1	391.2	400.4	409.7	416.8	424.0	421.9	419.7	411.4	403.0
77.5°	331.0	323.2	331.0	339.7	348.4	353.7	359.1	357.3	355.5	346.0	336.5
80°	269.8	259.5	269.8	276.8	284.0	286.6	289.2	287.3	285.4	278.4	271.4
82.5°	211.2	202.5	211.2	217.2	223.2	224.3	225.5	221.3	216.9	211.4	205.8
85°	147.5	140.7	147.5	151.7	155.9	154.8	153.5	146.4	139.3	128.5	117.9
87.5°	63.7	53.2	63.7	73.2	82.7	87.4	92.0	84.8	77.8	69.0	60.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	968.6	968.6	968.6	968.6	968.6	968.6	968.6	968.6	968.6	968.6	968.6
2.5°	936.8	939.6	943.4	947.3	951.3	955.3	959.5	963.7	972.0	977.2	981.8
5°	893.5	900.2	906.4	912.6	922.4	932.3	943.7	955.1	965.3	976.2	988.5
7.5°	869.9	876.2	885.1	894.0	904.9	915.9	929.4	942.8	959.6	976.7	994.8
10°	877.5	881.9	889.9	898.1	908.8	919.4	933.6	947.7	974.3	990.0	1010.1
12.5°	913.6	913.3	921.3	929.5	937.2	944.9	951.4	958.0	969.1	991.0	1020.1
15°	956.2	964.1	966.3	968.4	965.9	963.4	961.1	958.9	965.3	988.1	1021.5
17.5°	994.7	1004.0	999.2	994.5	983.1	971.7	964.3	956.7	946.3	968.6	1007.8
20°	1008.6	1017.6	1009.6	1001.7	980.1	958.7	941.1	923.4	918.7	940.6	988.0
22.5°	998.0	1003.0	996.1	989.1	966.6	944.1	922.5	900.9	882.1	903.8	957.3
25°	974.5	975.8	965.9	956.1	934.4	912.7	891.5	870.3	851.2	869.3	924.0
27.5°	939.6	938.0	926.9	915.9	896.9	877.9	859.9	842.0	823.7	843.2	903.8
30°	895.8	891.8	880.4	869.0	852.5	835.7	823.5	811.1	805.1	826.2	889.9
32.5°	857.5	851.5	840.7	829.9	818.0	806.1	801.0	795.8	789.9	808.9	868.7
35°	813.5	801.8	791.9	782.1	776.7	771.4	771.7	772.0	773.8	788.2	843.1
37.5°	768.3	756.2	747.6	739.1	735.7	732.1	735.6	738.9	742.9	753.3	805.6
40°	726.2	714.8	707.1	699.4	699.1	698.7	703.4	708.2	711.0	714.6	765.1
42.5°	691.5	674.1	667.7	661.1	662.5	663.7	666.0	668.3	675.9	682.7	731.1
45°	662.7	647.8	639.6	631.4	629.7	627.9	632.9	638.0	638.3	658.3	707.0
47.5°	642.4	624.1	615.8	607.4	604.6	601.7	604.4	607.0	618.8	650.4	694.5
50°	629.2	613.3	603.8	594.3	586.3	578.1	579.8	581.4	603.6	650.0	690.3
52.5°	619.2	604.4	597.1	589.8	578.0	566.1	570.3	574.4	604.6	650.7	681.9
55°	613.9	597.4	588.6	579.9	565.4	550.9	564.4	578.0	630.7	658.0	669.6
57.5°	612.2	595.5	580.3	565.1	550.9	536.6	562.4	588.2	647.8	647.3	654.6
60°	606.0	590.3	568.5	546.8	538.5	530.2	560.3	590.3	625.5	604.6	626.3
62.5°	587.6	569.6	546.4	523.0	524.0	524.9	550.4	575.9	588.4	563.9	581.3
65°	556.9	537.8	517.2	496.7	504.0	511.4	528.0	544.7	537.6	531.2	535.0
67.5°	524.2	509.5	489.5	469.4	475.1	480.8	489.9	499.1	482.4	479.9	461.4
70°	489.6	470.7	456.1	441.3	445.6	449.8	448.7	447.4	432.5	419.2	391.8
72.5°	442.9	430.4	415.9	401.3	403.4	405.4	405.3	405.3	389.3	360.3	329.4
75°	391.6	380.2	367.8	355.3	356.6	357.9	356.3	354.7	337.9	301.1	272.4
77.5°	331.7	326.8	319.2	311.6	313.1	314.6	310.7	306.8	289.5	246.2	220.2
80°	270.1	268.8	265.2	261.6	262.2	262.5	256.9	251.2	231.0	192.5	170.7
82.5°	216.3	226.7	224.3	222.0	215.6	209.1	200.3	191.4	169.7	142.1	125.6
85°	144.9	171.9	178.8	185.8	174.0	162.1	145.8	129.5	107.4	90.3	79.9
87.5°	80.2	100.0	109.4	118.8	112.7	106.7	90.0	73.4	46.6	37.3	32.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1208777

CATALOG NUMBER: UPW-SA2-070-730-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	968.6	968.6	968.6	968.6	968.6	968.6	968.6
2.5°	986.2	992.5	998.9	1002.4	1005.9	1006.9	1009.5
5°	1000.8	1015.3	1030.0	1045.5	1061.0	1072.0	1079.9
7.5°	1012.8	1036.3	1059.9	1084.7	1109.5	1139.6	1175.4
10°	1030.2	1062.9	1095.8	1137.9	1180.1	1215.2	1244.8
12.5°	1049.2	1090.5	1131.9	1182.9	1233.8	1283.4	1328.9
15°	1055.0	1107.4	1159.9	1227.1	1294.2	1356.7	1412.1
17.5°	1047.1	1115.4	1183.7	1263.2	1342.7	1422.7	1503.8
20°	1035.4	1121.5	1207.4	1304.0	1400.4	1487.1	1568.9
22.5°	1010.9	1112.9	1214.8	1326.5	1438.2	1531.5	1616.9
25°	978.6	1094.7	1210.8	1340.8	1470.7	1579.8	1682.0
27.5°	964.4	1099.2	1234.0	1380.3	1526.6	1631.8	1723.9
30°	953.6	1101.8	1250.0	1414.0	1578.0	1689.9	1784.7
32.5°	928.5	1089.2	1249.8	1435.8	1621.9	1743.8	1846.0
35°	897.8	1071.2	1244.5	1455.9	1667.3	1796.0	1896.4
37.5°	857.9	1044.5	1231.0	1471.5	1712.0	1864.8	1984.8
40°	815.6	1018.6	1221.7	1506.9	1792.0	1976.0	2107.9
42.5°	779.5	997.2	1214.8	1540.5	1866.2	2097.6	2279.5
45°	755.7	980.0	1204.2	1586.6	1969.1	2294.3	2573.7
47.5°	738.6	962.1	1185.6	1660.2	2134.8	2623.7	3066.1
50°	730.8	955.5	1180.4	1790.1	2400.0	3095.1	3717.2
52.5°	713.1	939.1	1164.9	1889.7	2614.6	3506.2	4316.1
55°	681.1	905.1	1129.3	1915.8	2702.3	3782.3	4835.6
57.5°	661.8	854.5	1047.1	1793.8	2540.7	3822.6	5210.1
60°	648.1	759.5	870.9	1528.3	2185.6	3584.8	5146.0
62.5°	598.7	651.5	704.4	1270.1	1835.8	3191.5	4727.7
65°	538.8	549.2	559.7	1033.3	1506.9	2754.8	4207.7
67.5°	443.0	433.6	424.1	812.9	1201.7	2295.4	3609.8
70°	364.5	351.7	338.9	631.6	924.2	1880.9	3095.6
72.5°	298.5	287.3	276.1	476.4	676.8	1451.3	2482.0
75°	243.8	235.6	227.4	352.3	477.2	1044.5	1826.1
77.5°	194.1	190.1	186.1	259.5	332.9	719.4	1266.2
80°	149.1	146.3	143.5	179.2	214.8	414.1	698.2
82.5°	109.1	107.5	106.0	120.6	135.2	220.8	345.5
85°	69.6	68.8	68.0	71.9	75.9	99.8	135.9
87.5°	26.8	27.8	28.7	30.2	31.6	38.0	49.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)