

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: P1208615

Luminaire Tested: UPW-SA1-070-750-U-SLL

Issue Date: 11/4/2025

Test Information

Test Method: LM-79-2024
Report Number: P1208615
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2303-947-1)
Test Lab: INNOVATIONS CENTER
Issue Date: 2/21/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: UPW-SA1-070-750-U-SLL
Description: UNDERPASS WALL MOUNT LUMINAIRE
(1) 70 CRI, 5000K, 1200mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7958 lumens
Efficiency: N/A
Efficacy: 118.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G3

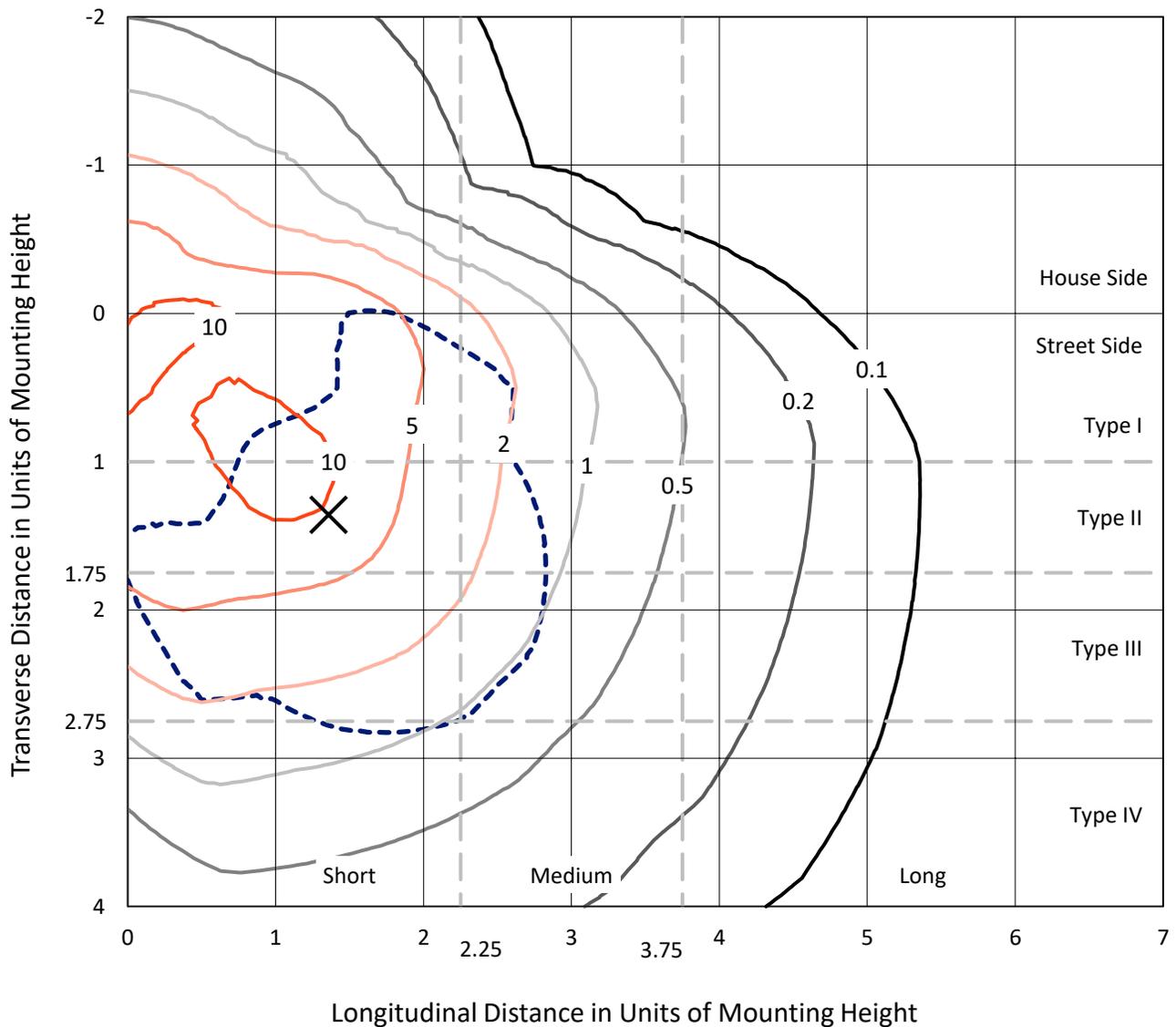
Input Watts (W): 67
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

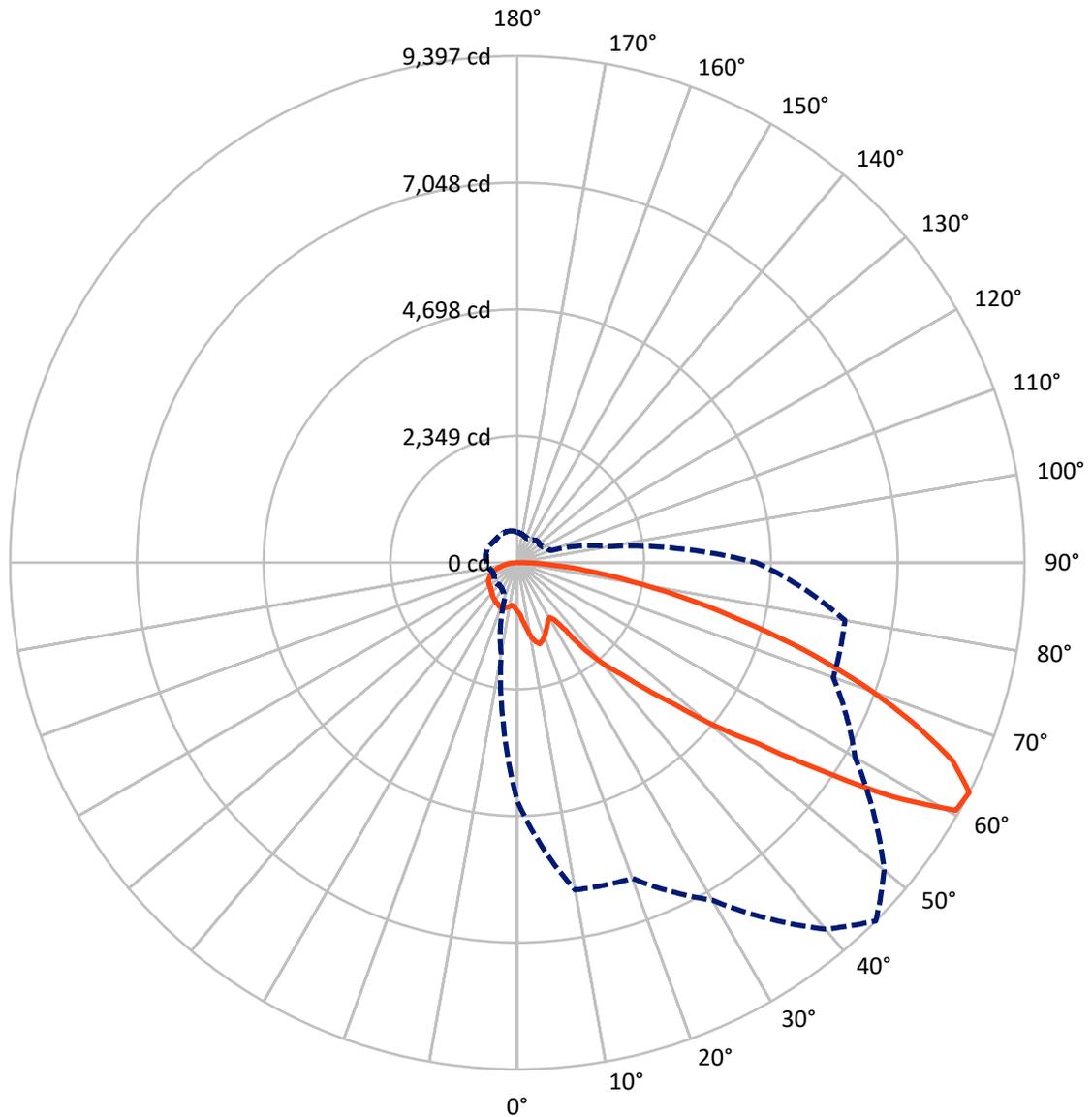
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 13.6 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	1950.2	0.0	1950.2
	% Fixture	24.5	0.0	24.5
Street Side	Lumens	6007.8	0.0	6007.8
	% Fixture	75.5	0.0	75.5
Total	Lumens	7958.0	0.0	7958.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.5	1.1
10°-20°	305.3	3.8
20°-30°	496.6	6.2
30°-40°	677.3	8.5
40°-50°	1025.5	12.9
50°-60°	1763.4	22.2
60°-70°	2068.1	26.0
70°-80°	1233.4	15.5
80°-90°	297.9	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°	7958.0	100.0
0°-180°	7958.0	100.0



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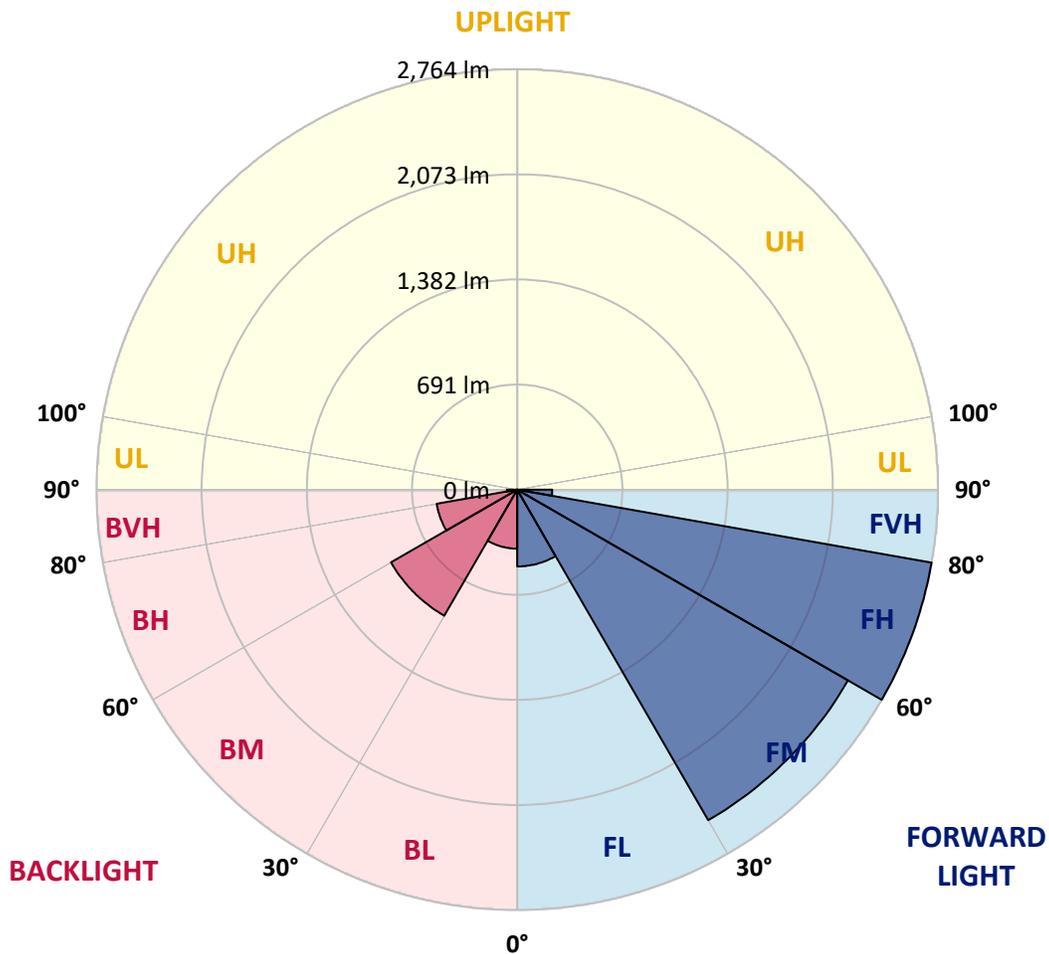
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	504.4	6.3			
FM	(30°-60°)	2509.0	31.5			
FH	(60°-80°)	2764.1	34.7			G2/5000
FVH	(80°-90°)	230.2	2.9			G3/500
BL	(0°-30°)	387.9	4.9	B1/500		
BM	(30°-60°)	957.2	12.0	B1/1000		
BH	(60°-80°)	537.4	6.8	B2/1000		G2/1000
BVH	(80°-90°)	67.7	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°	906.2	906.2	906.2	906.2	906.2	906.2	906.2	906.2	906.2	906.2	906.2
2.5°	944.5	948.5	952.5	954.2	955.9	957.5	959.1	960.4	961.7	958.7	961.7
5°	1010.3	1022.7	1035.2	1045.9	1056.7	1064.9	1073.0	1077.0	1081.1	1087.7	1081.1
7.5°	1099.7	1116.7	1133.7	1157.1	1180.6	1196.5	1212.3	1219.3	1226.2	1228.2	1226.2
10°	1164.6	1208.2	1251.7	1277.6	1303.6	1322.5	1341.6	1357.8	1374.2	1392.7	1374.2
12.5°	1243.3	1292.9	1342.5	1379.8	1417.2	1441.2	1465.2	1481.3	1497.5	1503.0	1497.5
15°	1321.1	1375.3	1429.3	1464.4	1499.4	1518.1	1536.8	1544.8	1552.8	1562.6	1552.8
17.5°	1406.9	1447.5	1488.0	1511.2	1534.3	1535.1	1535.9	1525.8	1515.8	1513.7	1515.8
20°	1467.8	1501.4	1535.0	1535.4	1535.9	1515.9	1495.9	1478.4	1461.1	1453.2	1461.1
22.5°	1512.8	1535.8	1558.8	1535.1	1511.4	1467.0	1422.5	1397.2	1372.0	1365.1	1372.0
25°	1573.7	1577.2	1580.8	1532.5	1484.3	1422.2	1360.2	1327.9	1295.4	1287.8	1295.4
27.5°	1612.8	1601.6	1590.3	1517.1	1443.8	1371.0	1298.3	1261.3	1224.4	1213.9	1224.4
30°	1669.7	1629.1	1588.4	1494.0	1399.6	1326.4	1253.1	1222.2	1191.4	1181.9	1191.4
32.5°	1727.1	1659.3	1591.5	1490.3	1389.1	1338.1	1287.0	1278.7	1270.2	1263.7	1270.2
35°	1774.2	1698.1	1622.0	1545.8	1469.6	1477.4	1485.2	1512.6	1540.1	1539.4	1540.1
37.5°	1856.9	1779.0	1701.1	1688.5	1676.0	1774.2	1872.5	1951.4	2030.2	2071.3	2030.2
40°	1972.1	1917.4	1862.7	1908.3	1953.9	2090.5	2227.1	2320.5	2413.8	2482.1	2413.8
42.5°	2132.6	2101.5	2070.4	2127.4	2184.4	2334.3	2484.1	2611.4	2738.6	2834.3	2738.6
45°	2407.9	2375.8	2343.6	2370.8	2397.8	2585.5	2773.1	2972.5	3171.9	3340.3	3171.9
47.5°	2868.6	2793.9	2719.1	2696.4	2673.5	2926.4	3179.2	3470.5	3762.1	3935.3	3762.1
50°	3477.7	3361.0	3244.3	3137.8	3031.3	3388.0	3744.8	4169.2	4593.6	4772.2	4593.6
52.5°	4038.0	3930.9	3823.7	3636.5	3449.3	3871.5	4293.7	4844.8	5396.0	5567.2	5396.0
55°	4524.1	4568.9	4613.7	4360.4	4107.1	4575.5	5043.9	5749.9	6455.9	6758.1	6455.9
57.5°	4874.5	5273.1	5671.7	5401.0	5130.4	5567.6	6004.8	6844.0	7683.2	8189.0	7683.2
60°	4814.4	5613.4	6412.3	6292.1	6172.0	6545.5	6919.0	7829.5	8740.1	9330.9	8740.1
62.5°	4423.1	5292.6	6162.2	6196.1	6230.0	6728.8	7227.6	8050.8	8874.0	9396.7	8874.0
65°	3936.6	4755.1	5573.5	5623.7	5674.0	6250.7	6827.4	7634.9	8442.3	8864.0	8442.3
67.5°	3377.3	4228.3	5079.4	5109.8	5140.2	5667.3	6194.4	6921.2	7647.9	7890.2	7647.9
70°	2896.1	3706.8	4517.7	4584.1	4650.5	5110.8	5571.0	6109.1	6647.3	6785.6	6647.3
72.5°	2322.1	3137.5	3952.9	4054.5	4156.0	4493.3	4830.4	5206.7	5582.9	5569.9	5582.9
75°	1708.4	2472.5	3236.7	3377.3	3517.8	3724.5	3931.3	4130.0	4328.8	4272.4	4328.8
77.5°	1184.6	1802.6	2420.6	2569.4	2718.3	2864.1	3010.0	3150.0	3290.1	3201.6	3290.1
80°	653.2	1093.5	1533.9	1701.4	1868.9	2021.4	2173.7	2246.0	2318.2	2169.1	2318.2
82.5°	323.3	569.2	815.1	981.7	1148.3	1302.8	1457.2	1502.4	1547.6	1405.2	1547.6
85°	127.2	250.6	374.0	498.4	622.7	744.4	866.0	870.7	875.4	772.8	875.4
87.5°	45.8	96.2	146.7	210.8	274.8	340.2	405.5	403.2	400.8	330.8	400.8
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°	906.2	906.2	906.2	906.2	906.2	906.2	906.2	906.2	906.2	906.2	906.2
2.5°	960.4	959.1	957.5	955.9	954.2	952.5	948.5	944.5	942.0	941.1	937.8
5°	1077.0	1073.0	1064.9	1056.7	1045.9	1035.2	1022.7	1010.3	1002.9	992.7	978.2
7.5°	1219.3	1212.3	1196.5	1180.6	1157.1	1133.7	1116.7	1099.7	1066.2	1038.0	1014.8
10°	1357.8	1341.6	1322.5	1303.6	1277.6	1251.7	1208.2	1164.6	1136.9	1104.1	1064.6
12.5°	1481.3	1465.2	1441.2	1417.2	1379.8	1342.5	1292.9	1243.3	1200.7	1154.4	1106.7
15°	1544.8	1536.8	1518.1	1499.4	1464.4	1429.3	1375.3	1321.1	1269.3	1210.8	1148.0
17.5°	1525.8	1535.9	1535.1	1534.3	1511.2	1488.0	1447.5	1406.9	1331.1	1256.2	1181.8
20°	1478.4	1495.9	1515.9	1535.9	1535.4	1535.0	1501.4	1467.8	1391.3	1310.2	1220.0
22.5°	1397.2	1422.5	1467.0	1511.4	1535.1	1558.8	1535.8	1512.8	1432.8	1345.6	1241.1
25°	1327.9	1360.2	1422.2	1484.3	1532.5	1580.8	1577.2	1573.7	1478.0	1376.0	1254.4
27.5°	1261.3	1298.3	1371.0	1443.8	1517.1	1590.3	1601.6	1612.8	1526.6	1428.3	1291.4
30°	1222.2	1253.1	1326.4	1399.6	1494.0	1588.4	1629.1	1669.7	1581.1	1476.3	1322.9
32.5°	1278.7	1287.0	1338.1	1389.1	1490.3	1591.5	1659.3	1727.1	1631.5	1517.4	1343.3
35°	1512.6	1485.2	1477.4	1469.6	1545.8	1622.0	1698.1	1774.2	1680.3	1559.9	1362.1
37.5°	1951.4	1872.5	1774.2	1676.0	1688.5	1701.1	1779.0	1856.9	1744.7	1601.7	1376.7
40°	2320.5	2227.1	2090.5	1953.9	1908.3	1862.7	1917.4	1972.1	1848.7	1676.6	1409.8
42.5°	2611.4	2484.1	2334.3	2184.4	2127.4	2070.4	2101.5	2132.6	1962.5	1745.9	1441.3
45°	2972.5	2773.1	2585.5	2397.8	2370.8	2343.6	2375.8	2407.9	2146.5	1842.3	1484.4
47.5°	3470.5	3179.2	2926.4	2673.5	2696.4	2719.1	2793.9	2868.6	2454.7	1997.3	1553.2
50°	4169.2	3744.8	3388.0	3031.3	3137.8	3244.3	3361.0	3477.7	2895.7	2245.4	1674.8
52.5°	4844.8	4293.7	3871.5	3449.3	3636.5	3823.7	3930.9	4038.0	3280.3	2446.1	1768.0
55°	5749.9	5043.9	4575.5	4107.1	4360.4	4613.7	4568.9	4524.1	3538.7	2528.2	1792.4
57.5°	6844.0	6004.8	5567.6	5130.4	5401.0	5671.7	5273.1	4874.5	3576.3	2377.0	1678.3
60°	7829.5	6919.0	6545.5	6172.0	6292.1	6412.3	5613.4	4814.4	3353.9	2044.8	1429.9
62.5°	8050.8	7227.6	6728.8	6230.0	6196.1	6162.2	5292.6	4423.1	2985.9	1717.5	1188.2
65°	7634.9	6827.4	6250.7	5674.0	5623.7	5573.5	4755.1	3936.6	2577.3	1409.8	966.7
67.5°	6921.2	6194.4	5667.3	5140.2	5109.8	5079.4	4228.3	3377.3	2147.5	1124.3	760.6
70°	6109.1	5571.0	5110.8	4650.5	4584.1	4517.7	3706.8	2896.1	1759.7	864.6	590.9
72.5°	5206.7	4830.4	4493.3	4156.0	4054.5	3952.9	3137.5	2322.1	1357.8	633.2	445.7
75°	4130.0	3931.3	3724.5	3517.8	3377.3	3236.7	2472.5	1708.4	977.2	446.4	329.6
77.5°	3150.0	3010.0	2864.1	2718.3	2569.4	2420.6	1802.6	1184.6	673.0	311.4	242.8
80°	2246.0	2173.7	2021.4	1868.9	1701.4	1533.9	1093.5	653.2	387.4	201.0	167.6
82.5°	1502.4	1457.2	1302.8	1148.3	981.7	815.1	569.2	323.3	206.6	126.5	112.9
85°	870.7	866.0	744.4	622.7	498.4	374.0	250.6	127.2	93.4	71.0	67.2
87.5°	403.2	405.5	340.2	274.8	210.8	146.7	96.2	45.8	35.6	29.5	28.3
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°	906.2	906.2	906.2	906.2	906.2	906.2	906.2	906.2	906.2	906.2	906.2
2.5°	934.5	928.6	922.7	918.5	914.2	909.3	901.6	897.7	893.8	890.0	886.2
5°	963.6	949.9	936.3	924.8	913.3	903.1	893.6	882.9	872.3	863.0	853.8
7.5°	991.6	969.6	947.6	930.7	913.8	897.8	882.0	869.5	856.9	846.6	836.4
10°	1025.2	994.5	963.9	945.0	926.2	911.6	886.7	873.4	860.2	850.2	840.2
12.5°	1059.0	1020.2	981.6	954.3	927.1	906.7	896.3	890.1	884.0	876.8	869.6
15°	1085.2	1036.1	987.0	955.7	924.5	903.1	897.2	899.2	901.3	903.7	906.1
17.5°	1107.4	1043.5	979.6	942.9	906.2	885.3	895.0	902.1	909.1	919.8	930.4
20°	1129.6	1049.2	968.7	924.4	880.0	859.5	863.9	880.4	896.9	917.0	937.2
22.5°	1136.6	1041.2	945.8	895.7	845.6	825.3	842.8	863.1	883.3	904.4	925.4
25°	1132.8	1024.2	915.6	864.4	813.3	796.4	814.2	834.1	853.9	874.2	894.5
27.5°	1154.5	1028.4	902.2	845.6	788.8	770.6	787.8	804.5	821.3	839.1	856.9
30°	1169.5	1030.8	892.2	832.6	773.0	753.3	758.9	770.4	781.9	797.6	813.0
32.5°	1169.3	1019.0	868.7	812.8	756.8	739.0	744.6	749.4	754.2	765.3	776.4
35°	1164.3	1002.2	840.0	788.8	737.4	723.9	722.2	722.0	721.7	726.7	731.7
37.5°	1151.7	977.2	802.6	753.7	704.8	695.0	691.3	688.2	685.0	688.3	691.5
40°	1143.0	953.0	763.1	715.8	668.6	665.2	662.6	658.1	653.7	654.0	654.4
42.5°	1136.6	932.9	729.3	684.0	638.7	632.3	625.2	623.1	620.9	619.8	618.5
45°	1126.6	916.8	707.0	661.5	615.9	597.2	596.9	592.1	587.4	589.1	590.7
47.5°	1109.2	900.1	691.0	649.7	608.5	579.0	567.9	565.4	562.9	565.6	568.3
50°	1104.4	894.0	683.7	645.8	608.1	564.7	543.9	542.4	540.9	548.5	556.0
52.5°	1089.9	878.6	667.2	638.0	608.8	565.6	537.4	533.5	529.6	540.7	551.8
55°	1056.5	846.8	637.2	626.4	615.6	590.1	540.7	528.0	515.4	529.0	542.5
57.5°	979.6	799.4	619.2	612.4	605.6	606.1	550.3	526.1	502.0	515.4	528.7
60°	814.8	710.6	606.3	586.0	565.6	585.2	552.3	524.2	496.1	503.8	511.5
62.5°	659.0	609.6	560.1	543.8	527.6	550.5	538.8	514.9	491.1	490.2	489.3
65°	523.6	513.9	504.1	500.5	497.0	502.9	509.6	494.0	478.5	471.5	464.7
67.5°	396.8	405.6	414.4	431.7	448.9	451.3	466.9	458.4	449.8	444.5	439.2
70°	317.0	329.1	341.1	366.6	392.2	404.6	418.6	419.8	420.8	416.9	412.8
72.5°	258.4	268.8	279.3	308.2	337.1	364.2	379.2	379.2	379.3	377.4	375.5
75°	212.7	220.5	228.1	254.9	281.7	316.2	331.8	333.3	334.8	333.6	332.4
77.5°	174.1	177.9	181.6	206.0	230.3	270.8	287.1	290.7	294.4	292.9	291.5
80°	134.3	136.9	139.4	159.7	180.1	216.1	235.1	240.4	245.6	245.3	244.7
82.5°	99.2	100.6	102.1	117.5	133.0	158.7	179.1	187.4	195.7	201.7	207.7
85°	63.6	64.4	65.1	74.8	84.5	100.5	121.1	136.4	151.6	162.7	173.9
87.5°	26.9	26.0	25.1	30.1	34.9	43.6	68.7	84.2	99.8	105.5	111.2
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: P1208615

CATALOG NUMBER: UPW-SA1-070-750-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	906.2	906.2	906.2	906.2	906.2	906.2	906.2	906.2	906.2	906.2	906.2
2.5°	882.7	879.1	876.4	873.8	868.5	863.4	860.4	857.5	856.5	855.5	857.7
5°	848.0	842.2	836.0	829.8	824.9	820.1	816.4	812.7	811.1	809.5	810.0
7.5°	828.1	819.8	813.8	808.0	806.8	805.7	803.2	800.8	800.6	800.4	801.1
10°	832.6	825.1	820.9	816.9	815.5	814.2	814.1	813.9	816.4	818.9	820.9
12.5°	861.9	854.5	854.7	855.1	848.6	842.2	840.5	838.8	842.0	845.0	846.2
15°	904.0	902.0	894.6	887.1	879.5	871.7	869.2	866.7	866.4	866.2	865.1
17.5°	934.9	939.3	930.6	921.8	909.4	897.2	891.3	885.6	883.0	880.4	879.2
20°	944.6	952.0	943.6	935.1	921.4	907.6	898.4	889.3	888.0	886.7	886.6
22.5°	931.9	938.4	933.7	928.9	914.1	899.1	889.2	879.4	875.2	871.1	872.9
25°	903.7	912.9	911.7	910.7	895.2	879.7	868.9	858.0	856.0	853.9	853.4
27.5°	867.2	877.6	879.0	880.4	868.9	857.3	847.2	837.0	835.3	833.5	835.8
30°	823.7	834.4	838.1	841.8	834.4	827.1	820.1	813.3	813.7	813.9	817.4
32.5°	786.5	796.7	802.3	808.0	806.7	805.6	802.9	800.2	796.7	793.1	794.3
35°	740.9	750.2	761.1	771.9	773.4	774.8	775.9	776.8	776.8	776.8	779.8
37.5°	699.5	707.5	718.8	730.1	738.2	746.3	750.1	753.7	756.6	759.5	760.7
40°	661.6	668.8	679.5	690.1	705.2	720.2	728.5	736.8	737.2	737.4	735.7
42.5°	624.7	630.7	646.9	663.0	679.8	696.5	703.9	711.3	714.5	717.7	718.5
45°	598.4	606.1	620.0	634.1	653.3	672.5	681.7	690.8	692.4	694.1	693.7
47.5°	576.1	583.8	601.0	618.1	636.9	655.6	665.3	675.0	676.4	677.9	679.0
50°	564.9	573.8	588.7	603.4	623.4	643.4	656.8	670.1	669.7	669.2	665.7
52.5°	558.6	565.4	579.3	593.2	615.1	636.9	649.9	662.7	663.9	665.0	663.0
55°	550.7	558.9	574.3	589.6	609.1	628.6	641.0	653.5	654.7	656.2	652.2
57.5°	542.9	557.2	572.7	588.3	608.2	628.0	638.7	649.4	647.0	644.6	641.6
60°	531.9	552.3	567.0	581.6	600.1	618.5	625.9	633.2	630.4	627.4	620.8
62.5°	511.2	532.9	549.7	566.5	583.3	600.1	605.3	610.5	607.8	604.9	597.5
65°	483.9	503.2	521.1	538.9	552.8	566.7	573.1	579.4	574.9	570.2	562.9
67.5°	457.9	476.7	490.5	504.3	518.0	531.8	537.1	542.3	537.2	532.3	522.5
70°	426.7	440.4	458.1	475.8	483.4	491.1	494.0	497.0	492.2	487.4	481.1
72.5°	389.1	402.7	414.3	426.0	433.2	440.4	443.8	447.2	441.8	436.5	428.1
75°	344.1	355.7	366.4	377.1	384.9	392.6	394.7	396.6	390.0	383.3	374.6
77.5°	298.6	305.8	310.3	314.8	323.7	332.6	334.3	336.0	330.9	325.9	317.8
80°	248.1	251.5	252.7	253.9	260.5	267.0	268.8	270.5	268.1	265.7	259.0
82.5°	209.9	212.1	202.3	192.5	197.8	202.9	207.0	211.0	209.9	208.8	203.2
85°	167.3	160.8	135.5	110.3	120.2	130.3	137.0	143.6	144.8	145.9	141.9
87.5°	102.4	93.6	75.1	56.5	64.6	72.7	79.3	86.1	81.7	77.4	68.5
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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CATALOG NUMBER: UPW-SA1-070-750-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	906.2	906.2	906.2	906.2	906.2	906.2	906.2	906.2	906.2	906.2	906.2
2.5°	859.8	862.7	859.8	857.7	855.5	856.5	857.5	860.4	863.4	868.5	873.8
5°	810.4	810.2	810.4	810.0	809.5	811.1	812.7	816.4	820.1	824.9	829.8
7.5°	801.7	798.6	801.7	801.1	800.4	800.6	800.8	803.2	805.7	806.8	808.0
10°	823.1	821.7	823.1	820.9	818.9	816.4	813.9	814.1	814.2	815.5	816.9
12.5°	847.4	844.9	847.4	846.2	845.0	842.0	838.8	840.5	842.2	848.6	855.1
15°	864.0	862.7	864.0	865.1	866.2	866.4	866.7	869.2	871.7	879.5	887.1
17.5°	878.0	879.6	878.0	879.2	880.4	883.0	885.6	891.3	897.2	909.4	921.8
20°	886.5	885.8	886.5	886.6	886.7	888.0	889.3	898.4	907.6	921.4	935.1
22.5°	874.7	880.4	874.7	872.9	871.1	875.2	879.4	889.2	899.1	914.1	928.9
25°	852.9	850.2	852.9	853.4	853.9	856.0	858.0	868.9	879.7	895.2	910.7
27.5°	837.9	839.5	837.9	835.8	833.5	835.3	837.0	847.2	857.3	868.9	880.4
30°	820.9	827.1	820.9	817.4	813.9	813.7	813.3	820.1	827.1	834.4	841.8
32.5°	795.5	800.4	795.5	794.3	793.1	796.7	800.2	802.9	805.6	806.7	808.0
35°	782.6	788.8	782.6	779.8	776.8	776.8	776.8	775.9	774.8	773.4	771.9
37.5°	762.0	762.2	762.0	760.7	759.5	756.6	753.7	750.1	746.3	738.2	730.1
40°	733.9	734.6	733.9	735.7	737.4	737.2	736.8	728.5	720.2	705.2	690.1
42.5°	719.3	721.3	719.3	718.5	717.7	714.5	711.3	703.9	696.5	679.8	663.0
45°	693.2	691.0	693.2	693.7	694.1	692.4	690.8	681.7	672.5	653.3	634.1
47.5°	680.2	682.1	680.2	679.0	677.9	676.4	675.0	665.3	655.6	636.9	618.1
50°	662.1	660.8	662.1	665.7	669.2	669.7	670.1	656.8	643.4	623.4	603.4
52.5°	661.0	661.7	661.0	663.0	665.0	663.9	662.7	649.9	636.9	615.1	593.2
55°	648.3	645.7	648.3	652.2	656.2	654.7	653.5	641.0	628.6	609.1	589.6
57.5°	638.5	639.4	638.5	641.6	644.6	647.0	649.4	638.7	628.0	608.2	588.3
60°	614.4	609.2	614.4	620.8	627.4	630.4	633.2	625.9	618.5	600.1	581.6
62.5°	590.1	580.7	590.1	597.5	604.9	607.8	610.5	605.3	600.1	583.3	566.5
65°	555.4	550.5	555.4	562.9	570.2	574.9	579.4	573.1	566.7	552.8	538.9
67.5°	512.7	505.1	512.7	522.5	532.3	537.2	542.3	537.1	531.8	518.0	504.3
70°	474.9	469.6	474.9	481.1	487.4	492.2	497.0	494.0	491.1	483.4	475.8
72.5°	419.8	414.4	419.8	428.1	436.5	441.8	447.2	443.8	440.4	433.2	426.0
75°	366.0	358.4	366.0	374.6	383.3	390.0	396.6	394.7	392.6	384.9	377.1
77.5°	309.7	302.4	309.7	317.8	325.9	330.9	336.0	334.3	332.6	323.7	314.8
80°	252.4	242.8	252.4	259.0	265.7	268.1	270.5	268.8	267.0	260.5	253.9
82.5°	197.6	189.4	197.6	203.2	208.8	209.9	211.0	207.0	202.9	197.8	192.5
85°	138.0	131.6	138.0	141.9	145.9	144.8	143.6	137.0	130.3	120.2	110.3
87.5°	59.6	49.8	59.6	68.5	77.4	81.7	86.1	79.3	72.7	64.6	56.5
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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CATALOG NUMBER: UPW-SA1-070-750-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	906.2	906.2	906.2	906.2	906.2	906.2	906.2	906.2	906.2	906.2	906.2
2.5°	876.4	879.1	882.7	886.2	890.0	893.8	897.7	901.6	909.3	914.2	918.5
5°	836.0	842.2	848.0	853.8	863.0	872.3	882.9	893.6	903.1	913.3	924.8
7.5°	813.8	819.8	828.1	836.4	846.6	856.9	869.5	882.0	897.8	913.8	930.7
10°	820.9	825.1	832.6	840.2	850.2	860.2	873.4	886.7	911.6	926.2	945.0
12.5°	854.7	854.5	861.9	869.6	876.8	884.0	890.1	896.3	906.7	927.1	954.3
15°	894.6	902.0	904.0	906.1	903.7	901.3	899.2	897.2	903.1	924.5	955.7
17.5°	930.6	939.3	934.9	930.4	919.8	909.1	902.1	895.0	885.3	906.2	942.9
20°	943.6	952.0	944.6	937.2	917.0	896.9	880.4	863.9	859.5	880.0	924.4
22.5°	933.7	938.4	931.9	925.4	904.4	883.3	863.1	842.8	825.3	845.6	895.7
25°	911.7	912.9	903.7	894.5	874.2	853.9	834.1	814.2	796.4	813.3	864.4
27.5°	879.0	877.6	867.2	856.9	839.1	821.3	804.5	787.8	770.6	788.8	845.6
30°	838.1	834.4	823.7	813.0	797.6	781.9	770.4	758.9	753.3	773.0	832.6
32.5°	802.3	796.7	786.5	776.4	765.3	754.2	749.4	744.6	739.0	756.8	812.8
35°	761.1	750.2	740.9	731.7	726.7	721.7	722.0	722.2	723.9	737.4	788.8
37.5°	718.8	707.5	699.5	691.5	688.3	685.0	688.2	691.3	695.0	704.8	753.7
40°	679.5	668.8	661.6	654.4	654.0	653.7	658.1	662.6	665.2	668.6	715.8
42.5°	646.9	630.7	624.7	618.5	619.8	620.9	623.1	625.2	632.3	638.7	684.0
45°	620.0	606.1	598.4	590.7	589.1	587.4	592.1	596.9	597.2	615.9	661.5
47.5°	601.0	583.8	576.1	568.3	565.6	562.9	565.4	567.9	579.0	608.5	649.7
50°	588.7	573.8	564.9	556.0	548.5	540.9	542.4	543.9	564.7	608.1	645.8
52.5°	579.3	565.4	558.6	551.8	540.7	529.6	533.5	537.4	565.6	608.8	638.0
55°	574.3	558.9	550.7	542.5	529.0	515.4	528.0	540.7	590.1	615.6	626.4
57.5°	572.7	557.2	542.9	528.7	515.4	502.0	526.1	550.3	606.1	605.6	612.4
60°	567.0	552.3	531.9	511.5	503.8	496.1	524.2	552.3	585.2	565.6	586.0
62.5°	549.7	532.9	511.2	489.3	490.2	491.1	514.9	538.8	550.5	527.6	543.8
65°	521.1	503.2	483.9	464.7	471.5	478.5	494.0	509.6	502.9	497.0	500.5
67.5°	490.5	476.7	457.9	439.2	444.5	449.8	458.4	466.9	451.3	448.9	431.7
70°	458.1	440.4	426.7	412.8	416.9	420.8	419.8	418.6	404.6	392.2	366.6
72.5°	414.3	402.7	389.1	375.5	377.4	379.3	379.2	379.2	364.2	337.1	308.2
75°	366.4	355.7	344.1	332.4	333.6	334.8	333.3	331.8	316.2	281.7	254.9
77.5°	310.3	305.8	298.6	291.5	292.9	294.4	290.7	287.1	270.8	230.3	206.0
80°	252.7	251.5	248.1	244.7	245.3	245.6	240.4	235.1	216.1	180.1	159.7
82.5°	202.3	212.1	209.9	207.7	201.7	195.7	187.4	179.1	158.7	133.0	117.5
85°	135.5	160.8	167.3	173.9	162.7	151.6	136.4	121.1	100.5	84.5	74.8
87.5°	75.1	93.6	102.4	111.2	105.5	99.8	84.2	68.7	43.6	34.9	30.1
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: P1208615

CATALOG NUMBER: UPW-SA1-070-750-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	906.2	906.2	906.2	906.2	906.2	906.2	906.2
2.5°	922.7	928.6	934.5	937.8	941.1	942.0	944.5
5°	936.3	949.9	963.6	978.2	992.7	1002.9	1010.3
7.5°	947.6	969.6	991.6	1014.8	1038.0	1066.2	1099.7
10°	963.9	994.5	1025.2	1064.6	1104.1	1136.9	1164.6
12.5°	981.6	1020.2	1059.0	1106.7	1154.4	1200.7	1243.3
15°	987.0	1036.1	1085.2	1148.0	1210.8	1269.3	1321.1
17.5°	979.6	1043.5	1107.4	1181.8	1256.2	1331.1	1406.9
20°	968.7	1049.2	1129.6	1220.0	1310.2	1391.3	1467.8
22.5°	945.8	1041.2	1136.6	1241.1	1345.6	1432.8	1512.8
25°	915.6	1024.2	1132.8	1254.4	1376.0	1478.0	1573.7
27.5°	902.2	1028.4	1154.5	1291.4	1428.3	1526.6	1612.8
30°	892.2	1030.8	1169.5	1322.9	1476.3	1581.1	1669.7
32.5°	868.7	1019.0	1169.3	1343.3	1517.4	1631.5	1727.1
35°	840.0	1002.2	1164.3	1362.1	1559.9	1680.3	1774.2
37.5°	802.6	977.2	1151.7	1376.7	1601.7	1744.7	1856.9
40°	763.1	953.0	1143.0	1409.8	1676.6	1848.7	1972.1
42.5°	729.3	932.9	1136.6	1441.3	1745.9	1962.5	2132.6
45°	707.0	916.8	1126.6	1484.4	1842.3	2146.5	2407.9
47.5°	691.0	900.1	1109.2	1553.2	1997.3	2454.7	2868.6
50°	683.7	894.0	1104.4	1674.8	2245.4	2895.7	3477.7
52.5°	667.2	878.6	1089.9	1768.0	2446.1	3280.3	4038.0
55°	637.2	846.8	1056.5	1792.4	2528.2	3538.7	4524.1
57.5°	619.2	799.4	979.6	1678.3	2377.0	3576.3	4874.5
60°	606.3	710.6	814.8	1429.9	2044.8	3353.9	4814.4
62.5°	560.1	609.6	659.0	1188.2	1717.5	2985.9	4423.1
65°	504.1	513.9	523.6	966.7	1409.8	2577.3	3936.6
67.5°	414.4	405.6	396.8	760.6	1124.3	2147.5	3377.3
70°	341.1	329.1	317.0	590.9	864.6	1759.7	2896.1
72.5°	279.3	268.8	258.4	445.7	633.2	1357.8	2322.1
75°	228.1	220.5	212.7	329.6	446.4	977.2	1708.4
77.5°	181.6	177.9	174.1	242.8	311.4	673.0	1184.6
80°	139.4	136.9	134.3	167.6	201.0	387.4	653.2
82.5°	102.1	100.6	99.2	112.9	126.5	206.6	323.3
85°	65.1	64.4	63.6	67.2	71.0	93.4	127.2
87.5°	25.1	26.0	26.9	28.3	29.5	35.6	45.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)