

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: P560822

Luminaire Tested: **SDL-PA1-60-830-U-T2R-HSS**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P560822
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-18)
Test Lab: INNOVATION CENTER
Issue Date: 7/26/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: SDL-PA1-60-830-U-T2R-HSS
Description: Springdale
(1) 80 CRI, 3000K, 800mA LIGHT ENGINE WITH 24 LEDS AND TYPE II R OPTICS
WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4850.3 lumens
Efficiency: N/A
Efficacy: 77.7 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')
IES Classification: Type II - Medium
BUG Rating: B0 - U0 - G1

Input Watts (W): 62.4
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

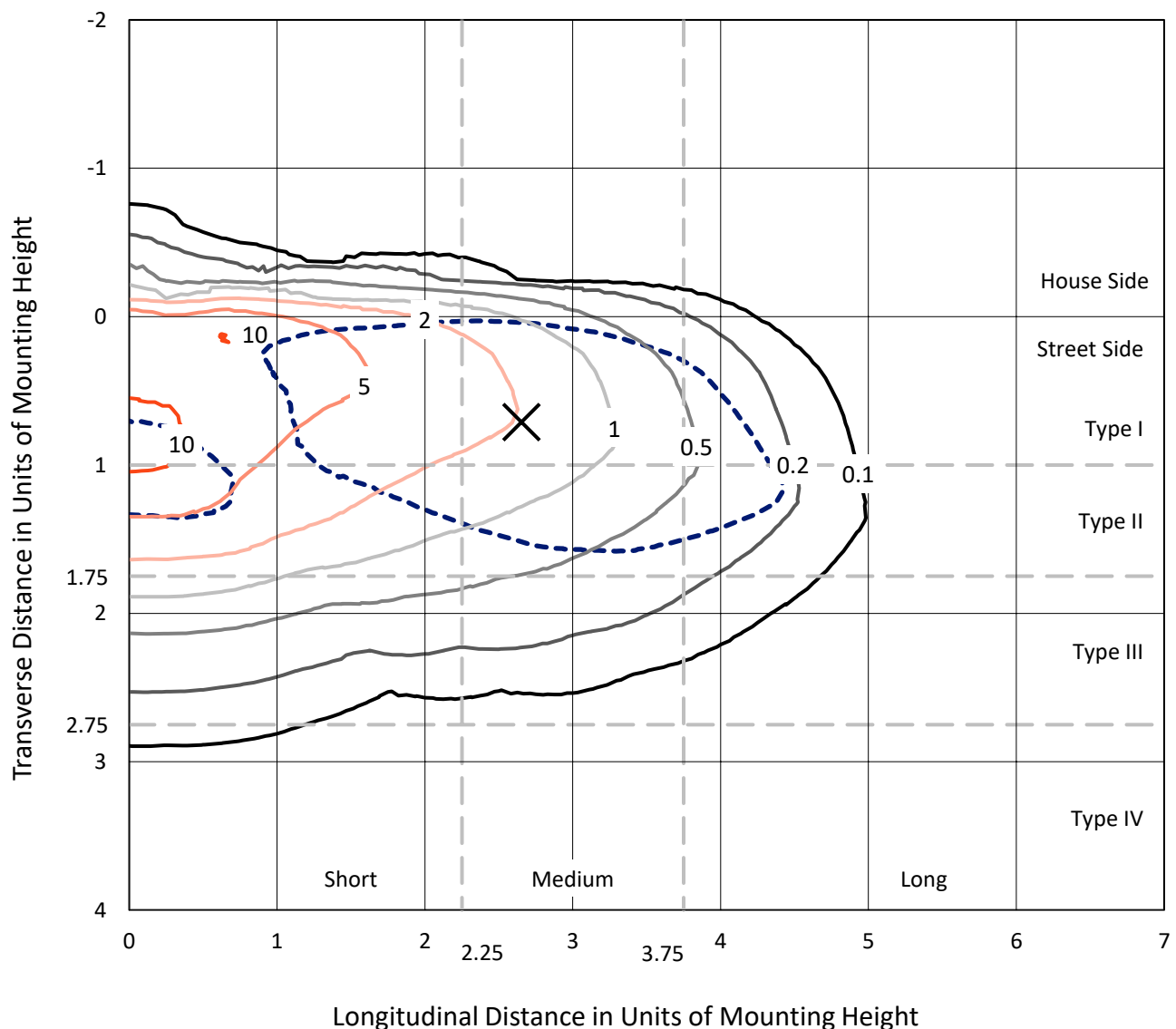


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

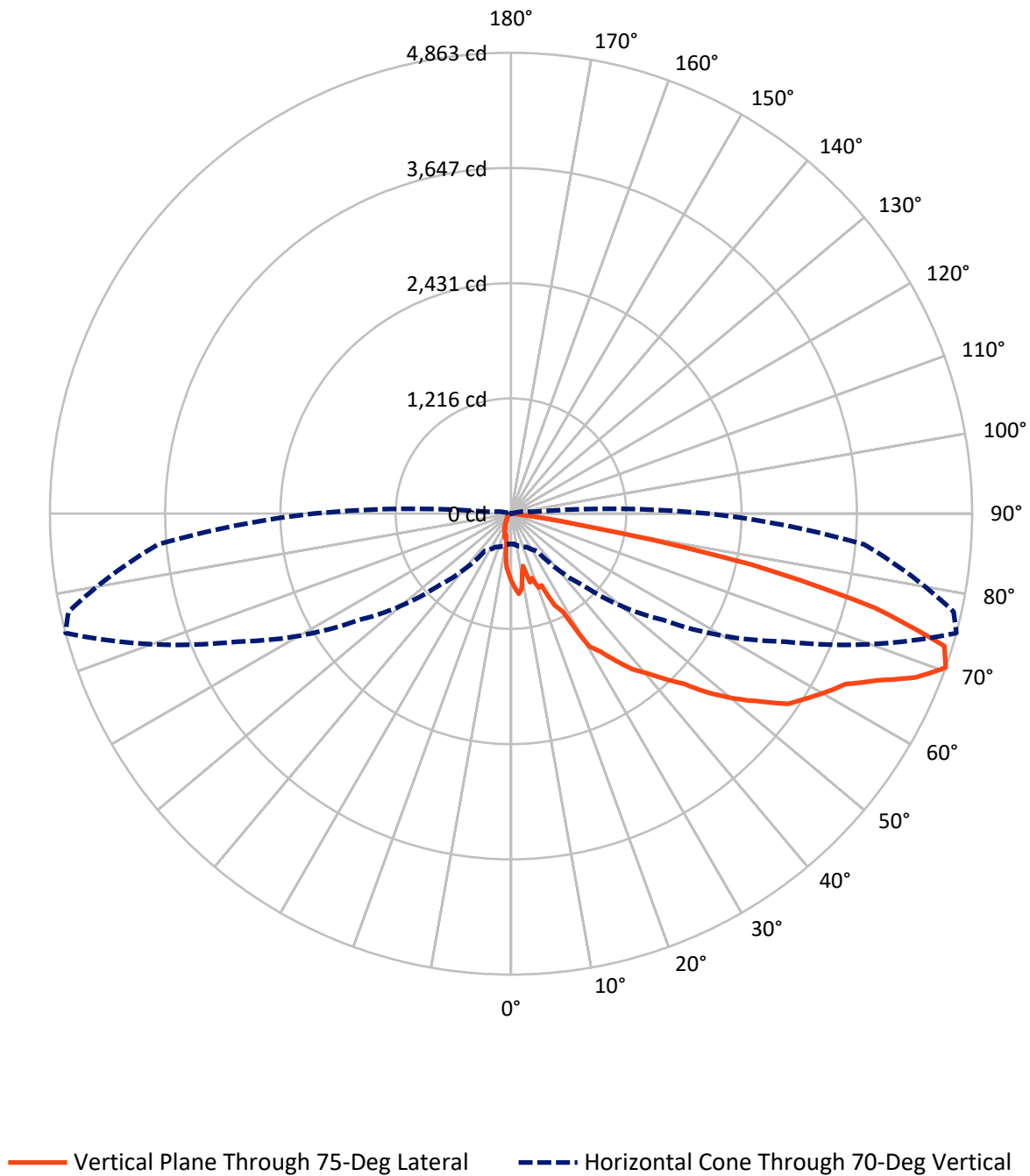


Based on 10 foot mounting height. Maximum calculated value = 13.3 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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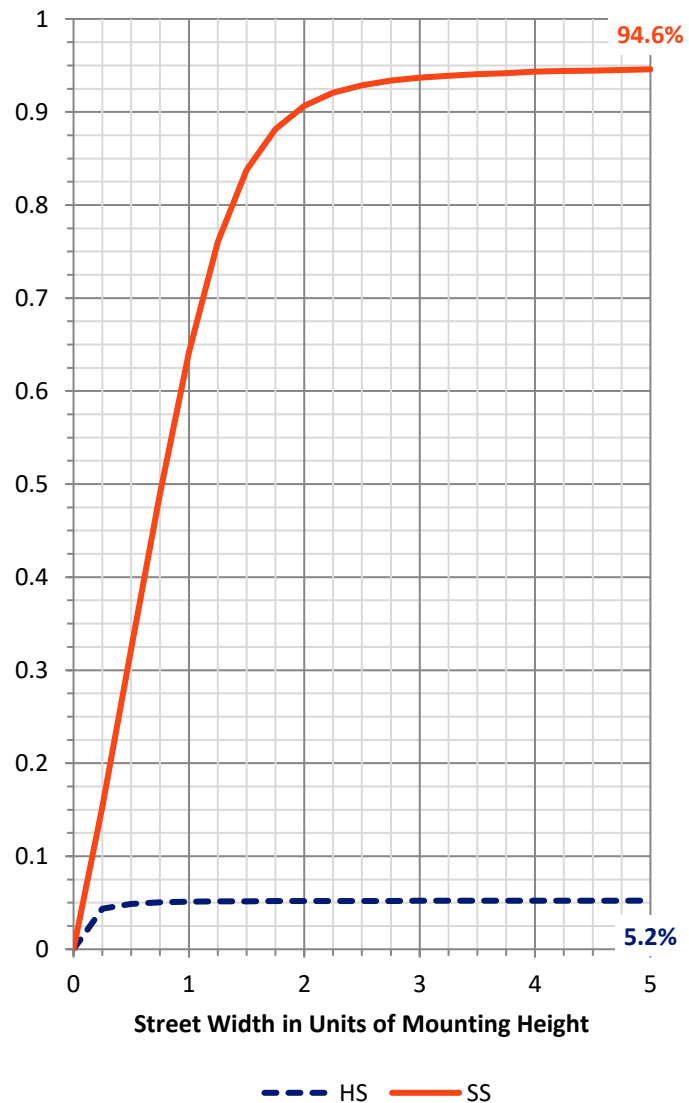
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	256.2	0.0	256.2
	% Fixture	5.3	0.0	5.3
Street Side	Lumens	4594.1	0.0	4594.1
	% Fixture	94.7	0.0	94.7
Total	Lumens	4850.3	0.0	4850.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.2	1.2
10°-20°	140.0	2.9
20°-30°	266.1	5.5
30°-40°	591.2	12.2
40°-50°	953.1	19.7
50°-60°	1148.8	23.7
60°-70°	1041.1	21.5
70°-80°	620.5	12.8
80°-90°	33.4	0.7
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°	4850.3	100.0
0°-180°	4850.3	100.0

Coefficient of Utilization



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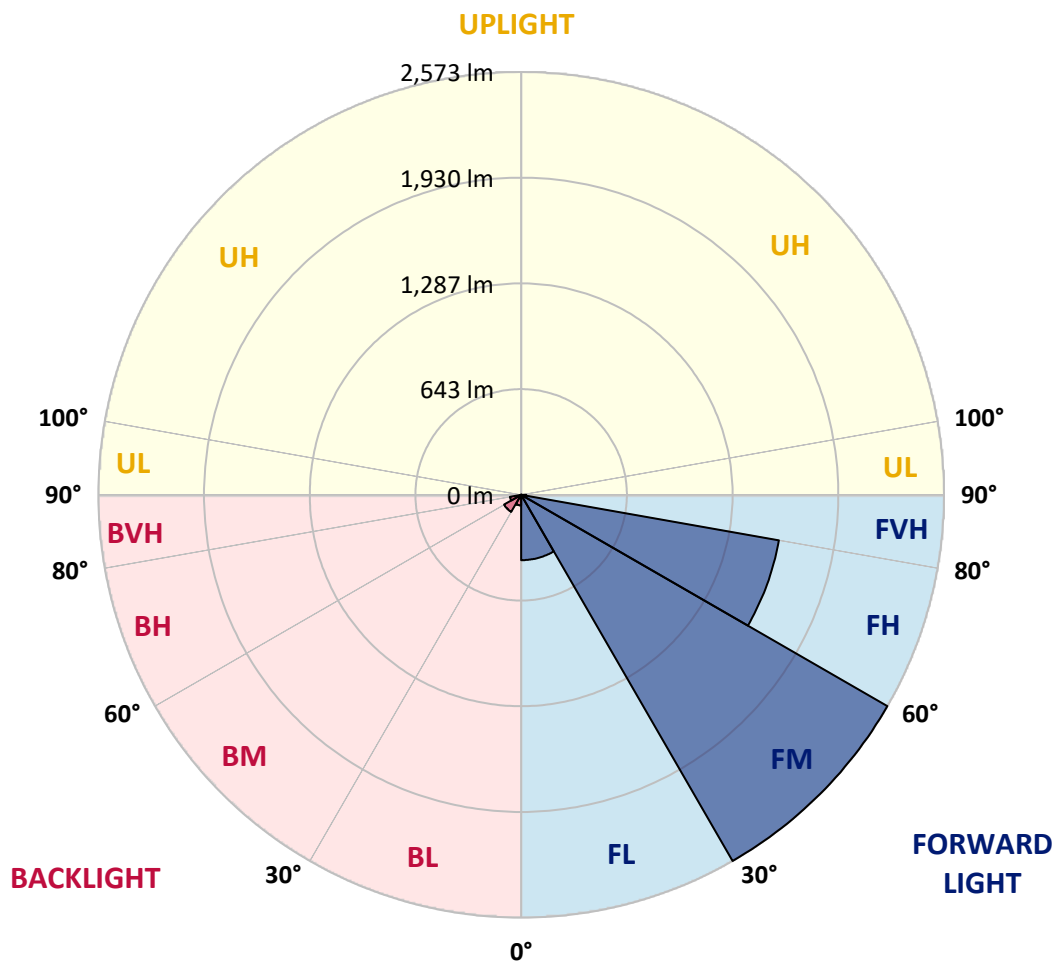
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	397.8	8.2			
FM	(30°-60°)	2573.1	53.1			
FH	(60°-80°)	1592.6	32.8			G1/1800
FVH	(80°-90°)	30.6	0.6			G1/100
BL	(0°-30°)	64.4	1.3	B0/110		
BM	(30°-60°)	119.9	2.5	B0/220		
BH	(60°-80°)	69.0	1.4	B0/110		G0/110
BVH	(80°-90°)	2.9	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1

Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7
2.5°	789.8	807.2	824.5	831.0	839.7	846.2	852.7	859.2	865.7	870.1	876.6
5°	898.3	896.1	894.0	891.8	891.8	889.6	887.4	885.3	883.1	878.8	876.6
7.5°	787.6	844.1	898.3	900.5	902.6	902.6	904.8	917.8	930.8	941.7	954.7
10°	1024.1	1024.1	1024.1	1024.1	1024.1	1022.0	1022.0	1024.1	1024.1	1026.3	1026.3
12.5°	861.4	874.4	885.3	924.3	961.2	1000.3	1037.2	1045.8	1054.5	1061.0	1069.7
15°	1041.5	1045.8	1050.2	1052.4	1054.5	1054.5	1056.7	1024.1	991.6	959.1	926.5
17.5°	824.5	828.9	831.0	859.2	887.4	915.7	943.9	959.1	976.4	991.6	1006.8
20°	1056.7	1058.9	1061.0	1063.2	1065.4	1065.4	1067.5	998.1	928.7	859.2	789.8
22.5°	883.1	885.3	885.3	891.8	896.1	902.6	907.0	933.0	959.1	985.1	1011.1
25°	1212.9	1212.9	1210.7	1199.9	1191.2	1180.4	1169.5	1104.4	1039.3	972.1	907.0
27.5°	1128.3	1130.5	1130.5	1121.8	1113.1	1104.4	1095.7	1108.8	1124.0	1137.0	1150.0
30°	1627.3	1627.3	1627.3	1616.5	1603.5	1592.6	1579.6	1484.1	1388.7	1291.0	1195.6
32.5°	2187.2	2148.1	2106.9	2028.8	1950.6	1870.4	1792.3	1733.7	1675.1	1614.3	1555.7
35°	2436.7	2430.2	2423.7	2395.5	2367.2	2336.9	2308.7	2195.8	2083.0	1968.0	1855.2
37.5°	2647.2	2638.5	2627.6	2605.9	2584.2	2562.5	2540.8	2425.8	2308.7	2193.7	2076.5
40°	2816.4	2809.9	2803.4	2786.0	2768.7	2751.3	2733.9	2610.3	2486.6	2362.9	2239.2
42.5°	2937.9	2937.9	2935.7	2922.7	2907.5	2894.5	2879.3	2755.6	2632.0	2508.3	2384.6
45°	3029.0	3029.0	3029.0	3020.4	3009.5	3000.8	2990.0	2881.5	2775.2	2666.7	2558.2
47.5°	3042.1	3044.2	3046.4	3046.4	3046.4	3046.4	3046.4	2944.4	2844.6	2742.6	2640.6
50°	2922.7	2929.2	2935.7	2946.6	2959.6	2970.5	2981.3	2931.4	2879.3	2829.4	2777.3
52.5°	2603.8	2632.0	2658.0	2686.2	2714.4	2740.5	2768.7	2749.1	2729.6	2710.1	2690.5
55°	1981.0	1998.4	2013.6	2093.9	2174.1	2254.4	2334.7	2369.4	2402.0	2436.7	2469.2
57.5°	1538.4	1544.9	1549.2	1601.3	1653.4	1703.3	1755.4	1842.2	1929.0	2013.6	2100.4
60°	1236.8	1236.8	1236.8	1267.2	1295.4	1325.7	1354.0	1432.1	1510.2	1588.3	1666.4
62.5°	920.0	928.7	937.4	967.7	995.9	1026.3	1054.5	1093.6	1132.6	1171.7	1210.7
65°	637.9	648.8	657.4	677.0	698.7	718.2	737.7	770.3	805.0	837.5	870.1
67.5°	449.1	453.5	457.8	468.7	477.4	488.2	496.9	518.6	538.1	559.8	579.3
70°	319.0	321.1	321.1	329.8	338.5	347.2	355.8	364.5	373.2	379.7	388.4
72.5°	232.2	234.3	236.5	243.0	247.4	253.9	258.2	262.5	266.9	271.2	275.6
75°	119.3	123.7	125.8	143.2	160.6	177.9	195.3	197.5	199.6	199.6	201.8
77.5°	99.8	102.0	102.0	104.2	106.3	108.5	110.7	121.5	134.5	145.4	156.2
80°	71.6	71.6	69.4	73.8	78.1	82.5	86.8	91.1	95.5	97.6	102.0
82.5°	41.2	43.4	43.4	45.6	47.7	49.9	52.1	56.4	62.9	67.3	71.6
85°	4.3	6.5	8.7	13.0	17.4	21.7	26.0	32.5	36.9	43.4	47.7
87.5°	2.2	2.2	2.2	2.2	4.3	4.3	4.3	6.5	6.5	8.7	8.7
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):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7
2.5°	880.9	885.3	887.4	891.8	889.6	885.3	883.1	878.8	872.3	865.7	857.1
5°	872.3	867.9	863.6	859.2	852.7	848.4	841.9	835.4	826.7	820.2	811.5
7.5°	954.7	952.5	952.5	950.4	943.9	939.5	933.0	926.5	915.7	904.8	894.0
10°	978.6	930.8	880.9	833.2	844.1	854.9	865.7	876.6	844.1	811.5	776.8
12.5°	1048.0	1026.3	1004.6	982.9	948.2	911.3	876.6	839.7	822.4	802.8	785.5
15°	902.6	880.9	857.1	833.2	848.4	863.6	878.8	894.0	844.1	792.0	742.1
17.5°	987.3	965.6	946.0	924.3	863.6	802.8	739.9	679.1	731.2	781.1	833.2
20°	807.2	824.5	839.7	857.1	878.8	900.5	920.0	941.7	915.7	889.6	863.6
22.5°	976.4	943.9	909.1	874.4	889.6	904.8	917.8	933.0	902.6	872.3	839.7
25°	941.7	978.6	1013.3	1048.0	993.8	941.7	887.4	833.2	880.9	928.7	976.4
27.5°	1100.1	1050.2	998.1	948.2	993.8	1039.3	1082.7	1128.3	1087.1	1043.7	1002.4
30°	1189.0	1182.5	1173.9	1167.4	1143.5	1121.8	1097.9	1074.1	1087.1	1100.1	1113.1
32.5°	1482.0	1410.4	1336.6	1262.8	1280.2	1297.5	1312.7	1330.1	1310.6	1291.0	1269.3
35°	1759.7	1664.2	1566.6	1471.1	1469.0	1464.6	1462.4	1458.1	1449.4	1440.7	1432.1
37.5°	1968.0	1859.5	1751.0	1642.5	1644.7	1644.7	1646.9	1646.9	1616.5	1586.1	1555.7
40°	2139.4	2039.6	1939.8	1840.0	1831.3	1822.6	1814.0	1805.3	1764.0	1720.7	1679.4
42.5°	2284.8	2187.2	2087.3	1987.5	1972.3	1959.3	1944.1	1929.0	1894.2	1857.3	1822.6
45°	2443.2	2328.2	2213.2	2098.2	2085.2	2072.2	2059.1	2046.1	2017.9	1989.7	1961.5
47.5°	2525.6	2410.6	2293.5	2178.5	2169.8	2158.9	2150.3	2139.4	2124.2	2106.9	2091.7
50°	2642.8	2510.5	2375.9	2241.4	2237.1	2232.7	2226.2	2221.9	2217.5	2215.4	2211.0
52.5°	2588.6	2484.4	2382.4	2278.3	2280.5	2280.5	2282.6	2282.6	2293.5	2304.3	2315.2
55°	2415.0	2362.9	2308.7	2254.4	2265.3	2278.3	2289.1	2300.0	2328.2	2354.2	2382.4
57.5°	2109.0	2117.7	2126.4	2135.1	2174.1	2211.0	2250.1	2287.0	2328.2	2367.2	2408.5
60°	1714.1	1761.9	1807.4	1855.2	1946.3	2037.4	2128.6	2219.7	2282.6	2343.4	2406.3
62.5°	1278.0	1345.3	1412.5	1479.8	1620.8	1764.0	1905.1	2046.1	2141.6	2234.9	2330.4
65°	933.0	995.9	1056.7	1119.6	1288.9	1458.1	1627.3	1796.6	1933.3	2067.8	2204.5
67.5°	624.9	670.5	713.9	759.4	930.8	1102.3	1273.7	1445.1	1633.9	1822.6	2009.2
70°	412.3	434.0	457.8	479.5	627.1	772.4	920.0	1065.4	1288.9	1510.2	1733.7
72.5°	282.1	288.6	295.1	301.6	401.4	501.2	601.0	700.8	926.5	1152.2	1375.7
75°	201.8	199.6	199.6	197.5	256.0	314.6	371.0	429.6	605.4	779.0	954.7
77.5°	154.1	149.7	147.5	143.2	171.4	199.6	227.8	256.0	338.5	423.1	505.6
80°	97.6	93.3	86.8	82.5	93.3	104.2	115.0	125.8	138.9	151.9	164.9
82.5°	71.6	71.6	71.6	71.6	71.6	73.8	73.8	73.8	69.4	65.1	58.6
85°	45.6	43.4	41.2	39.1	34.7	30.4	26.0	21.7	23.9	26.0	26.0
87.5°	8.7	6.5	6.5	4.3	4.3	4.3	4.3	4.3	6.5	6.5	8.7
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°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7
2.5°	850.6	841.9	833.2	824.5	815.8	807.2	798.5	789.8	781.1	768.1	757.3
5°	802.8	826.7	852.7	876.6	900.5	887.4	874.4	861.4	848.4	826.7	805.0
7.5°	883.1	854.9	828.9	802.8	774.6	781.1	787.6	794.1	800.7	781.1	755.1
10°	744.2	729.1	713.9	698.7	683.5	674.8	664.0	655.3	644.4	698.7	677.0
12.5°	765.9	759.4	752.9	744.2	737.7	694.3	653.1	609.7	566.3	549.0	555.5
15°	690.0	683.5	677.0	670.5	664.0	685.7	709.5	731.2	752.9	748.6	744.2
17.5°	883.1	854.9	828.9	800.7	772.4	759.4	744.2	731.2	716.0	692.2	685.7
20°	837.5	807.2	776.8	746.4	716.0	746.4	774.6	805.0	833.2	883.1	867.9
22.5°	809.3	859.2	911.3	961.2	1011.1	963.4	917.8	870.1	822.4	837.5	763.8
25°	1024.1	987.3	952.5	915.7	878.8	926.5	974.2	1022.0	1069.7	1048.0	1013.3
27.5°	959.1	995.9	1030.7	1067.5	1102.3	1119.6	1139.1	1156.5	1173.9	1130.5	1139.1
30°	1126.1	1171.7	1215.1	1260.7	1304.0	1384.3	1462.4	1542.7	1620.8	1603.5	1534.0
32.5°	1249.8	1325.7	1401.7	1475.5	1551.4	1597.0	1644.7	1690.3	1735.8	1740.2	1653.4
35°	1423.4	1475.5	1527.5	1579.6	1631.7	1701.1	1768.4	1837.8	1905.1	1866.0	1768.4
37.5°	1525.4	1579.6	1636.0	1690.3	1744.5	1829.1	1913.8	1996.2	2080.8	1996.2	1889.9
40°	1636.0	1694.6	1755.4	1814.0	1872.5	1959.3	2043.9	2130.7	2215.4	2211.0	2065.6
42.5°	1785.7	1844.3	1905.1	1963.7	2022.3	2113.4	2204.5	2293.5	2384.6	2382.4	2217.5
45°	1933.3	1987.5	2039.6	2093.9	2145.9	2250.1	2354.2	2458.4	2562.5	2573.4	2386.8
47.5°	2074.3	2122.1	2169.8	2217.5	2265.3	2408.5	2549.5	2692.7	2833.8	2766.5	2564.7
50°	2206.7	2254.4	2302.2	2349.9	2397.6	2564.7	2733.9	2901.0	3068.1	2979.1	2762.2
52.5°	2326.0	2384.6	2445.4	2503.9	2562.5	2744.8	2927.1	3109.3	3291.6	3200.5	2977.0
55°	2408.5	2490.9	2571.2	2653.7	2733.9	2935.7	3139.7	3341.5	3543.3	3439.1	3180.9
57.5°	2447.5	2545.2	2645.0	2742.6	2840.3	3048.6	3259.0	3467.3	3675.6	3571.5	3306.8
60°	2467.1	2579.9	2692.7	2803.4	2916.2	3141.9	3369.7	3595.4	3821.0	3732.1	3463.0
62.5°	2423.7	2566.9	2712.2	2855.5	2998.7	3239.5	3480.4	3719.0	3959.9	3901.3	3645.3
65°	2339.0	2527.8	2718.8	2907.5	3096.3	3382.7	3669.1	3953.4	4239.8	4176.9	3920.8
67.5°	2198.0	2445.4	2692.7	2940.1	3187.4	3543.3	3897.0	4252.8	4606.5	4543.6	4250.6
70°	1955.0	2265.3	2575.6	2883.7	3193.9	3610.5	4029.3	4445.9	4862.5	4780.1	4432.9
72.5°	1601.3	1950.6	2300.0	2647.2	2996.5	3441.3	3888.3	4333.1	4777.9	4621.7	4226.8
75°	1128.3	1447.3	1766.2	2083.0	2402.0	2792.5	3183.1	3571.5	3962.1	3762.4	3376.2
77.5°	588.0	785.5	980.7	1178.2	1373.5	1679.4	1983.2	2289.1	2592.9	2234.9	1944.1
80°	177.9	260.4	340.7	423.1	503.4	575.0	646.6	716.0	787.6	585.8	486.0
82.5°	54.2	71.6	86.8	104.2	119.3	119.3	119.3	117.2	117.2	93.3	78.1
85°	28.2	30.4	30.4	32.5	32.5	32.5	30.4	30.4	28.2	28.2	23.9
87.5°	8.7	8.7	10.8	10.8	10.8	10.8	10.8	8.7	8.7	8.7	8.7
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: P560822

CATALOG NUMBER: SDL-PA1-60-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7
2.5°	748.6	737.7	726.9	713.9	700.8	687.8	674.8	661.8	648.8	635.8	624.9
5°	785.5	763.8	742.1	718.2	692.2	666.1	642.3	618.4	592.4	568.5	546.8
7.5°	729.1	703.0	670.5	637.9	605.4	572.8	538.1	505.6	470.8	436.1	407.9
10°	653.1	631.4	596.7	559.8	520.8	479.5	434.0	388.4	342.8	297.3	277.7
12.5°	559.8	566.3	529.4	492.5	451.3	410.1	366.7	323.3	277.7	234.3	221.3
15°	739.9	735.6	687.8	640.1	577.2	514.2	451.3	386.2	323.3	258.2	225.7
17.5°	677.0	670.5	618.4	566.3	509.9	453.5	394.9	334.1	275.6	214.8	184.4
20°	854.9	839.7	774.6	707.4	624.9	540.3	457.8	375.4	292.9	210.5	175.8
22.5°	690.0	616.2	564.1	512.1	447.0	379.7	325.5	269.1	214.8	158.4	136.7
25°	976.4	941.7	852.7	761.6	646.6	531.6	438.3	345.0	251.7	158.4	132.4
27.5°	1147.8	1156.5	1035.0	913.5	768.1	622.7	501.2	379.7	258.2	136.7	117.2
30°	1464.6	1395.2	1252.0	1106.6	902.6	696.5	553.3	410.1	266.9	123.7	106.3
32.5°	1568.8	1482.0	1319.2	1154.3	915.7	674.8	531.6	388.4	243.0	99.8	89.0
35°	1672.9	1575.3	1388.7	1202.1	928.7	653.1	509.9	368.9	225.7	82.5	75.9
37.5°	1783.6	1677.3	1469.0	1258.5	941.7	624.9	488.2	349.3	212.6	73.8	67.3
40°	1922.4	1777.1	1547.1	1314.9	954.7	594.5	462.2	332.0	199.6	67.3	60.8
42.5°	2054.8	1889.9	1633.9	1375.7	969.9	564.1	438.3	314.6	188.8	62.9	56.4
45°	2202.3	2015.7	1738.0	1458.1	991.6	525.1	407.9	290.8	173.6	56.4	49.9
47.5°	2362.9	2161.1	1850.8	1540.6	1013.3	486.0	377.5	271.2	162.7	54.2	47.7
50°	2545.2	2328.2	1987.5	1644.7	1056.7	466.5	362.4	258.2	154.1	49.9	43.4
52.5°	2755.6	2532.2	2150.3	1766.2	1108.8	449.1	349.3	247.4	147.5	45.6	39.1
55°	2924.9	2666.7	2243.6	1818.3	1119.6	418.8	325.5	230.0	136.7	41.2	36.9
57.5°	3044.2	2779.5	2332.5	1885.6	1139.1	390.6	301.6	214.8	125.8	36.9	32.5
60°	3191.8	2922.7	2443.2	1961.5	1163.0	364.5	282.1	199.6	115.0	32.5	28.2
62.5°	3389.2	3133.2	2601.6	2067.8	1202.1	334.1	258.2	182.3	104.2	28.2	26.0
65°	3662.6	3406.6	2788.2	2169.8	1239.0	305.9	236.5	167.1	95.5	26.0	23.9
67.5°	3955.5	3662.6	2935.7	2206.7	1239.0	271.2	210.5	147.5	86.8	23.9	21.7
70°	4085.7	3738.6	2911.9	2083.0	1150.0	217.0	169.2	119.3	71.6	21.7	19.5
72.5°	3834.0	3439.1	2588.6	1738.0	937.4	136.7	106.3	78.1	47.7	17.4	15.2
75°	2987.8	2601.6	1931.1	1258.5	664.0	67.3	54.2	41.2	26.0	13.0	10.8
77.5°	1655.6	1364.8	991.6	618.4	329.8	39.1	32.5	26.0	17.4	10.8	10.8
80°	388.4	288.6	210.5	130.2	78.1	23.9	19.5	17.4	13.0	8.7	8.7
82.5°	62.9	47.7	34.7	21.7	17.4	13.0	10.8	10.8	8.7	6.5	6.5
85°	19.5	15.2	13.0	8.7	8.7	6.5	6.5	6.5	4.3	4.3	4.3
87.5°	6.5	6.5	6.5	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
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: P560822

CATALOG NUMBER: SDL-PA1-60-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7
2.5°	611.9	601.0	588.0	579.3	570.7	559.8	551.1	542.4	533.8	525.1	516.4
5°	525.1	501.2	479.5	451.3	420.9	392.7	362.4	349.3	338.5	325.5	312.5
7.5°	379.7	351.5	323.3	312.5	301.6	288.6	277.7	266.9	256.0	245.2	234.3
10°	260.4	240.8	221.3	212.6	204.0	193.1	184.4	175.8	167.1	156.2	147.5
12.5°	208.3	193.1	180.1	164.9	149.7	134.5	119.3	115.0	110.7	104.2	99.8
15°	190.9	158.4	123.7	112.8	104.2	93.3	82.5	80.3	80.3	78.1	75.9
17.5°	154.1	123.7	93.3	89.0	82.5	78.1	71.6	67.3	62.9	58.6	54.2
20°	141.0	106.3	71.6	69.4	67.3	62.9	60.8	58.6	58.6	56.4	54.2
22.5°	117.2	95.5	73.8	67.3	60.8	54.2	47.7	47.7	49.9	49.9	49.9
25°	106.3	80.3	54.2	54.2	52.1	52.1	49.9	47.7	43.4	41.2	36.9
27.5°	97.6	78.1	58.6	54.2	49.9	45.6	41.2	41.2	39.1	39.1	36.9
30°	91.1	73.8	56.4	52.1	49.9	45.6	41.2	39.1	36.9	32.5	30.4
32.5°	80.3	69.4	58.6	54.2	47.7	43.4	36.9	34.7	32.5	28.2	26.0
35°	69.4	60.8	54.2	49.9	43.4	39.1	32.5	30.4	28.2	26.0	23.9
37.5°	60.8	54.2	47.7	43.4	39.1	32.5	28.2	26.0	23.9	21.7	19.5
40°	54.2	47.7	41.2	36.9	32.5	28.2	23.9	21.7	21.7	19.5	17.4
42.5°	49.9	43.4	36.9	32.5	30.4	26.0	21.7	19.5	17.4	15.2	13.0
45°	45.6	39.1	32.5	30.4	26.0	23.9	19.5	17.4	15.2	13.0	10.8
47.5°	41.2	34.7	28.2	26.0	23.9	19.5	17.4	15.2	13.0	10.8	8.7
50°	39.1	32.5	26.0	23.9	21.7	17.4	15.2	13.0	13.0	10.8	8.7
52.5°	34.7	28.2	21.7	19.5	17.4	15.2	13.0	10.8	10.8	8.7	6.5
55°	30.4	26.0	19.5	17.4	15.2	13.0	10.8	8.7	8.7	6.5	4.3
57.5°	28.2	21.7	17.4	15.2	13.0	10.8	8.7	8.7	6.5	6.5	4.3
60°	23.9	19.5	15.2	13.0	10.8	8.7	6.5	6.5	4.3	4.3	2.2
62.5°	21.7	19.5	15.2	13.0	10.8	8.7	6.5	6.5	4.3	4.3	2.2
65°	19.5	17.4	13.0	10.8	10.8	8.7	6.5	6.5	4.3	4.3	2.2
67.5°	19.5	15.2	13.0	10.8	8.7	6.5	4.3	4.3	4.3	2.2	2.2
70°	15.2	13.0	8.7	8.7	6.5	6.5	4.3	4.3	4.3	2.2	2.2
72.5°	13.0	10.8	8.7	8.7	6.5	6.5	4.3	4.3	4.3	2.2	2.2
75°	10.8	8.7	6.5	6.5	6.5	4.3	4.3	4.3	4.3	2.2	2.2
77.5°	8.7	8.7	6.5	6.5	6.5	4.3	4.3	4.3	4.3	2.2	2.2
80°	6.5	6.5	4.3	4.3	4.3	4.3	4.3	4.3	4.3	2.2	2.2
82.5°	6.5	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	2.2	2.2
85°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	2.2	2.2
87.5°	4.3	4.3	4.3	4.3	6.5	6.5	6.5	6.5	4.3	4.3	2.2
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: P560822

CATALOG NUMBER: SDL-PA1-60-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7
2.5°	507.7	496.9	488.2	477.4	462.2	444.8	429.6	412.3	410.1	407.9	403.6
5°	305.9	299.4	292.9	286.4	282.1	277.7	273.4	269.1	264.7	262.5	258.2
7.5°	225.7	217.0	208.3	199.6	193.1	188.8	182.3	175.8	171.4	164.9	160.6
10°	138.9	128.0	119.3	108.5	112.8	117.2	119.3	123.7	123.7	121.5	121.5
12.5°	99.8	99.8	99.8	99.8	99.8	99.8	97.6	97.6	97.6	95.5	95.5
15°	73.8	71.6	69.4	67.3	67.3	67.3	65.1	65.1	69.4	71.6	75.9
17.5°	56.4	58.6	58.6	60.8	62.9	65.1	65.1	67.3	67.3	69.4	69.4
20°	54.2	54.2	52.1	52.1	49.9	49.9	47.7	45.6	47.7	52.1	54.2
22.5°	47.7	43.4	41.2	36.9	39.1	43.4	45.6	47.7	47.7	47.7	47.7
25°	39.1	39.1	41.2	41.2	39.1	36.9	34.7	32.5	34.7	36.9	36.9
27.5°	34.7	32.5	30.4	28.2	30.4	30.4	32.5	32.5	32.5	32.5	30.4
30°	30.4	30.4	28.2	28.2	28.2	26.0	26.0	23.9	26.0	26.0	28.2
32.5°	26.0	23.9	23.9	21.7	21.7	23.9	23.9	23.9	23.9	23.9	23.9
35°	23.9	21.7	21.7	19.5	19.5	19.5	19.5	19.5	21.7	21.7	23.9
37.5°	19.5	17.4	17.4	15.2	15.2	17.4	17.4	17.4	17.4	19.5	19.5
40°	17.4	15.2	15.2	13.0	13.0	15.2	15.2	15.2	15.2	17.4	17.4
42.5°	13.0	13.0	10.8	10.8	10.8	13.0	13.0	13.0	13.0	15.2	15.2
45°	10.8	10.8	8.7	8.7	8.7	10.8	10.8	10.8	10.8	10.8	10.8
47.5°	8.7	8.7	6.5	6.5	6.5	8.7	8.7	8.7	8.7	8.7	8.7
50°	8.7	6.5	6.5	4.3	4.3	6.5	6.5	6.5	6.5	6.5	6.5
52.5°	6.5	6.5	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
55°	4.3	4.3	2.2	2.2	2.2	4.3	4.3	4.3	4.3	4.3	2.2
57.5°	4.3	4.3	2.2	2.2	2.2	4.3	4.3	4.3	4.3	4.3	2.2
60°	2.2	2.2	2.2	2.2	2.2	4.3	4.3	4.3	4.3	4.3	2.2
62.5°	2.2	2.2	2.2	2.2	2.2	4.3	4.3	4.3	4.3	4.3	4.3
65°	2.2	2.2	2.2	2.2	4.3	4.3	6.5	6.5	6.5	6.5	4.3
67.5°	2.2	2.2	2.2	2.2	4.3	4.3	6.5	6.5	6.5	4.3	4.3
70°	2.2	4.3	4.3	4.3	4.3	6.5	6.5	6.5	6.5	6.5	4.3
72.5°	2.2	4.3	4.3	4.3	4.3	6.5	6.5	6.5	6.5	6.5	4.3
75°	4.3	4.3	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	4.3
77.5°	4.3	4.3	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	4.3
80°	4.3	4.3	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	4.3
82.5°	4.3	4.3	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	4.3
85°	4.3	6.5	6.5	8.7	8.7	8.7	6.5	6.5	6.5	6.5	4.3
87.5°	4.3	6.5	6.5	8.7	8.7	8.7	6.5	6.5	6.5	6.5	4.3
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: P560822

CATALOG NUMBER: SDL-PA1-60-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7
2.5°	401.4	397.1	392.7	386.2	381.9	386.2	390.6	386.2	381.9	386.2	392.7
5°	253.9	251.7	251.7	249.5	247.4	247.4	245.2	247.4	247.4	249.5	251.7
7.5°	154.1	151.9	149.7	145.4	143.2	147.5	149.7	147.5	143.2	145.4	149.7
10°	119.3	119.3	117.2	117.2	115.0	115.0	115.0	115.0	115.0	117.2	117.2
12.5°	93.3	91.1	89.0	86.8	84.6	89.0	91.1	89.0	84.6	86.8	89.0
15°	78.1	78.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
17.5°	69.4	67.3	67.3	65.1	62.9	62.9	60.8	62.9	62.9	65.1	67.3
20°	56.4	56.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
22.5°	47.7	45.6	45.6	43.4	41.2	41.2	39.1	41.2	41.2	43.4	45.6
25°	39.1	39.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
27.5°	30.4	30.4	30.4	28.2	28.2	28.2	28.2	28.2	28.2	28.2	30.4
30°	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
32.5°	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
35°	23.9	23.9	23.9	21.7	21.7	21.7	21.7	21.7	21.7	21.7	23.9
37.5°	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
40°	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
42.5°	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
45°	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
47.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
50°	6.5	6.5	6.5	4.3	4.3	4.3	4.3	4.3	4.3	4.3	6.5
52.5°	4.3	4.3	4.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	4.3
55°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
57.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
60°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
62.5°	4.3	4.3	4.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	4.3
65°	4.3	4.3	2.2	2.2	0.0	0.0	0.0	0.0	0.0	2.2	2.2
67.5°	2.2	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
70°	4.3	4.3	2.2	2.2	0.0	0.0	0.0	0.0	0.0	2.2	2.2
72.5°	4.3	4.3	2.2	2.2	0.0	0.0	0.0	0.0	0.0	2.2	2.2
75°	4.3	4.3	2.2	2.2	0.0	0.0	0.0	0.0	0.0	2.2	2.2
77.5°	4.3	4.3	4.3	2.2	2.2	2.2	0.0	2.2	2.2	2.2	4.3
80°	4.3	4.3	4.3	2.2	2.2	2.2	0.0	2.2	2.2	2.2	4.3
82.5°	4.3	4.3	4.3	2.2	2.2	2.2	0.0	2.2	2.2	2.2	4.3
85°	4.3	4.3	4.3	2.2	2.2	2.2	0.0	2.2	2.2	2.2	4.3
87.5°	4.3	4.3	4.3	2.2	2.2	2.2	0.0	2.2	2.2	2.2	4.3
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: P560822

CATALOG NUMBER: SDL-PA1-60-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7
2.5°	397.1	401.4	403.6	407.9	410.1	412.3	429.6	444.8	462.2	477.4	488.2
5°	251.7	253.9	258.2	262.5	264.7	269.1	273.4	277.7	282.1	286.4	292.9
7.5°	151.9	154.1	160.6	164.9	171.4	175.8	182.3	188.8	193.1	199.6	208.3
10°	119.3	119.3	121.5	121.5	123.7	123.7	119.3	117.2	112.8	108.5	119.3
12.5°	91.1	93.3	95.5	95.5	97.6	97.6	97.6	99.8	99.8	99.8	99.8
15°	78.1	78.1	75.9	71.6	69.4	65.1	65.1	67.3	67.3	67.3	69.4
17.5°	67.3	69.4	69.4	69.4	67.3	67.3	65.1	65.1	62.9	60.8	58.6
20°	56.4	56.4	54.2	52.1	47.7	45.6	47.7	49.9	49.9	52.1	52.1
22.5°	45.6	47.7	47.7	47.7	47.7	47.7	45.6	43.4	39.1	36.9	41.2
25°	39.1	39.1	36.9	36.9	34.7	32.5	34.7	36.9	39.1	41.2	41.2
27.5°	30.4	30.4	30.4	32.5	32.5	32.5	32.5	30.4	30.4	28.2	30.4
30°	28.2	28.2	28.2	26.0	26.0	23.9	26.0	26.0	28.2	28.2	28.2
32.5°	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	21.7	21.7	23.9
35°	23.9	23.9	23.9	21.7	21.7	19.5	19.5	19.5	19.5	19.5	21.7
37.5°	19.5	19.5	19.5	19.5	17.4	17.4	17.4	17.4	15.2	15.2	17.4
40°	17.4	17.4	17.4	17.4	15.2	15.2	15.2	15.2	13.0	13.0	15.2
42.5°	15.2	15.2	15.2	15.2	13.0	13.0	13.0	13.0	10.8	10.8	10.8
45°	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	8.7	8.7	8.7
47.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	6.5	6.5	6.5
50°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	4.3	4.3	6.5
52.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
55°	2.2	2.2	2.2	4.3	4.3	4.3	4.3	4.3	2.2	2.2	2.2
57.5°	2.2	2.2	2.2	4.3	4.3	4.3	4.3	4.3	2.2	2.2	2.2
60°	2.2	2.2	2.2	4.3	4.3	4.3	4.3	4.3	2.2	2.2	2.2
62.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	2.2	2.2	2.2
65°	4.3	4.3	4.3	6.5	6.5	6.5	6.5	4.3	4.3	2.2	2.2
67.5°	2.2	2.2	4.3	4.3	6.5	6.5	6.5	4.3	4.3	2.2	2.2
70°	4.3	4.3	4.3	6.5	6.5	6.5	6.5	6.5	4.3	4.3	4.3
72.5°	4.3	4.3	4.3	6.5	6.5	6.5	6.5	6.5	4.3	4.3	4.3
75°	4.3	4.3	4.3	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
77.5°	4.3	4.3	4.3	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
80°	4.3	4.3	4.3	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
82.5°	4.3	4.3	4.3	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
85°	4.3	4.3	4.3	6.5	6.5	6.5	6.5	8.7	8.7	8.7	6.5
87.5°	4.3	4.3	4.3	6.5	6.5	6.5	6.5	8.7	8.7	8.7	6.5
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: P560822

CATALOG NUMBER: SDL-PA1-60-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7
2.5°	496.9	507.7	516.4	525.1	533.8	542.4	551.1	559.8	570.7	579.3	588.0
5°	299.4	305.9	312.5	325.5	338.5	349.3	362.4	392.7	420.9	451.3	479.5
7.5°	217.0	225.7	234.3	245.2	256.0	266.9	277.7	288.6	301.6	312.5	323.3
10°	128.0	138.9	147.5	156.2	167.1	175.8	184.4	193.1	204.0	212.6	221.3
12.5°	99.8	99.8	99.8	104.2	110.7	115.0	119.3	134.5	149.7	164.9	180.1
15°	71.6	73.8	75.9	78.1	80.3	80.3	82.5	93.3	104.2	112.8	123.7
17.5°	58.6	56.4	54.2	58.6	62.9	67.3	71.6	78.1	82.5	89.0	93.3
20°	54.2	54.2	54.2	56.4	58.6	58.6	60.8	62.9	67.3	69.4	71.6
22.5°	43.4	47.7	49.9	49.9	49.9	47.7	47.7	54.2	60.8	67.3	73.8
25°	39.1	39.1	36.9	41.2	43.4	47.7	49.9	52.1	52.1	54.2	54.2
27.5°	32.5	34.7	36.9	39.1	39.1	41.2	41.2	45.6	49.9	54.2	58.6
30°	30.4	30.4	30.4	32.5	36.9	39.1	41.2	45.6	49.9	52.1	56.4
32.5°	23.9	26.0	26.0	28.2	32.5	34.7	36.9	43.4	47.7	54.2	58.6
35°	21.7	23.9	23.9	26.0	28.2	30.4	32.5	39.1	43.4	49.9	54.2
37.5°	17.4	19.5	19.5	21.7	23.9	26.0	28.2	32.5	39.1	43.4	47.7
40°	15.2	17.4	17.4	19.5	21.7	21.7	23.9	28.2	32.5	36.9	41.2
42.5°	13.0	13.0	13.0	15.2	17.4	19.5	21.7	26.0	30.4	32.5	36.9
45°	10.8	10.8	10.8	13.0	15.2	17.4	19.5	23.9	26.0	30.4	32.5
47.5°	8.7	8.7	8.7	10.8	13.0	15.2	17.4	19.5	23.9	26.0	28.2
50°	6.5	8.7	8.7	10.8	13.0	13.0	15.2	17.4	21.7	23.9	26.0
52.5°	6.5	6.5	6.5	8.7	10.8	10.8	13.0	15.2	17.4	19.5	21.7
55°	4.3	4.3	4.3	6.5	8.7	8.7	10.8	13.0	15.2	17.4	19.5
57.5°	4.3	4.3	4.3	6.5	6.5	8.7	8.7	10.8	13.0	15.2	17.4
60°	2.2	2.2	2.2	4.3	4.3	6.5	6.5	8.7	10.8	13.0	15.2
62.5°	2.2	2.2	2.2	4.3	4.3	6.5	6.5	8.7	10.8	13.0	15.2
65°	2.2	2.2	2.2	4.3	4.3	6.5	6.5	8.7	10.8	10.8	13.0
67.5°	2.2	2.2	2.2	2.2	4.3	4.3	4.3	6.5	8.7	10.8	13.0
70°	4.3	2.2	2.2	2.2	4.3	4.3	4.3	6.5	6.5	8.7	8.7
72.5°	4.3	2.2	2.2	2.2	4.3	4.3	4.3	6.5	6.5	8.7	8.7
75°	4.3	4.3	2.2	2.2	4.3	4.3	4.3	4.3	6.5	6.5	6.5
77.5°	4.3	4.3	2.2	2.2	4.3	4.3	4.3	4.3	6.5	6.5	6.5
80°	4.3	4.3	2.2	2.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3
82.5°	4.3	4.3	2.2	2.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3
85°	6.5	4.3	2.2	2.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3
87.5°	6.5	4.3	2.2	4.3	4.3	6.5	6.5	6.5	6.5	4.3	4.3
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: P560822

CATALOG NUMBER: SDL-PA1-60-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7
2.5°	601.0	611.9	624.9	635.8	648.8	661.8	674.8	687.8	700.8	713.9	726.9
5°	501.2	525.1	546.8	568.5	592.4	618.4	642.3	666.1	692.2	718.2	742.1
7.5°	351.5	379.7	407.9	436.1	470.8	505.6	538.1	572.8	605.4	637.9	670.5
10°	240.8	260.4	277.7	297.3	342.8	388.4	434.0	479.5	520.8	559.8	596.7
12.5°	193.1	208.3	221.3	234.3	277.7	323.3	366.7	410.1	451.3	492.5	529.4
15°	158.4	190.9	225.7	258.2	323.3	386.2	451.3	514.2	577.2	640.1	687.8
17.5°	123.7	154.1	184.4	214.8	275.6	334.1	394.9	453.5	509.9	566.3	618.4
20°	106.3	141.0	175.8	210.5	292.9	375.4	457.8	540.3	624.9	707.4	774.6
22.5°	95.5	117.2	136.7	158.4	214.8	269.1	325.5	379.7	447.0	512.1	564.1
25°	80.3	106.3	132.4	158.4	251.7	345.0	438.3	531.6	646.6	761.6	852.7
27.5°	78.1	97.6	117.2	136.7	258.2	379.7	501.2	622.7	768.1	913.5	1035.0
30°	73.8	91.1	106.3	123.7	266.9	410.1	553.3	696.5	902.6	1106.6	1252.0
32.5°	69.4	80.3	89.0	99.8	243.0	388.4	531.6	674.8	915.7	1154.3	1319.2
35°	60.8	69.4	75.9	82.5	225.7	368.9	509.9	653.1	928.7	1202.1	1388.7
37.5°	54.2	60.8	67.3	73.8	212.6	349.3	488.2	624.9	941.7	1258.5	1469.0
40°	47.7	54.2	60.8	67.3	199.6	332.0	462.2	594.5	954.7	1314.9	1547.1
42.5°	43.4	49.9	56.4	62.9	188.8	314.6	438.3	564.1	969.9	1375.7	1633.9
45°	39.1	45.6	49.9	56.4	173.6	290.8	407.9	525.1	991.6	1458.1	1738.0
47.5°	34.7	41.2	47.7	54.2	162.7	271.2	377.5	486.0	1013.3	1540.6	1850.8
50°	32.5	39.1	43.4	49.9	154.1	258.2	362.4	466.5	1056.7	1644.7	1987.5
52.5°	28.2	34.7	39.1	45.6	147.5	247.4	349.3	449.1	1108.8	1766.2	2150.3
55°	26.0	30.4	36.9	41.2	136.7	230.0	325.5	418.8	1119.6	1818.3	2243.6
57.5°	21.7	28.2	32.5	36.9	125.8	214.8	301.6	390.6	1139.1	1885.6	2332.5
60°	19.5	23.9	28.2	32.5	115.0	199.6	282.1	364.5	1163.0	1961.5	2443.2
62.5°	19.5	21.7	26.0	28.2	104.2	182.3	258.2	334.1	1202.1	2067.8	2601.6
65°	17.4	19.5	23.9	26.0	95.5	167.1	236.5	305.9	1239.0	2169.8	2788.2
67.5°	15.2	19.5	21.7	23.9	86.8	147.5	210.5	271.2	1239.0	2206.7	2935.7
70°	13.0	15.2	19.5	21.7	71.6	119.3	169.2	217.0	1150.0	2083.0	2911.9
72.5°	10.8	13.0	15.2	17.4	47.7	78.1	106.3	136.7	937.4	1738.0	2588.6
75°	8.7	10.8	10.8	13.0	26.0	41.2	54.2	67.3	664.0	1258.5	1931.1
77.5°	8.7	8.7	10.8	10.8	17.4	26.0	32.5	39.1	329.8	618.4	991.6
80°	6.5	6.5	8.7	8.7	13.0	17.4	19.5	23.9	78.1	130.2	210.5
82.5°	4.3	6.5	6.5	6.5	8.7	10.8	10.8	13.0	17.4	21.7	34.7
85°	4.3	4.3	4.3	4.3	4.3	6.5	6.5	6.5	8.7	8.7	13.0
87.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	6.5
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: P560822

CATALOG NUMBER: SDL-PA1-60-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7
2.5°	737.7	748.6	757.3	768.1	781.1	789.8	798.5	807.2	815.8	824.5	833.2
5°	763.8	785.5	805.0	826.7	848.4	861.4	874.4	887.4	900.5	876.6	852.7
7.5°	703.0	729.1	755.1	781.1	800.7	794.1	787.6	781.1	774.6	802.8	828.9
10°	631.4	653.1	677.0	698.7	644.4	655.3	664.0	674.8	683.5	698.7	713.9
12.5°	566.3	559.8	555.5	549.0	566.3	609.7	653.1	694.3	737.7	744.2	752.9
15°	735.6	739.9	744.2	748.6	752.9	731.2	709.5	685.7	664.0	670.5	677.0
17.5°	670.5	677.0	685.7	692.2	716.0	731.2	744.2	759.4	772.4	800.7	828.9
20°	839.7	854.9	867.9	883.1	833.2	805.0	774.6	746.4	716.0	746.4	776.8
22.5°	616.2	690.0	763.8	837.5	822.4	870.1	917.8	963.4	1011.1	961.2	911.3
25°	941.7	976.4	1013.3	1048.0	1069.7	1022.0	974.2	926.5	878.8	915.7	952.5
27.5°	1156.5	1147.8	1139.1	1130.5	1173.9	1156.5	1139.1	1119.6	1102.3	1067.5	1030.7
30°	1395.2	1464.6	1534.0	1603.5	1620.8	1542.7	1462.4	1384.3	1304.0	1260.7	1215.1
32.5°	1482.0	1568.8	1653.4	1740.2	1735.8	1690.3	1644.7	1597.0	1551.4	1475.5	1401.7
35°	1575.3	1672.9	1768.4	1866.0	1905.1	1837.8	1768.4	1701.1	1631.7	1579.6	1527.5
37.5°	1677.3	1783.6	1889.9	1996.2	2080.8	1996.2	1913.8	1829.1	1744.5	1690.3	1636.0
40°	1777.1	1922.4	2065.6	2211.0	2215.4	2130.7	2043.9	1959.3	1872.5	1814.0	1755.4
42.5°	1889.9	2054.8	2217.5	2382.4	2384.6	2293.5	2204.5	2113.4	2022.3	1963.7	1905.1
45°	2015.7	2202.3	2386.8	2573.4	2562.5	2458.4	2354.2	2250.1	2145.9	2093.9	2039.6
47.5°	2161.1	2362.9	2564.7	2766.5	2833.8	2692.7	2549.5	2408.5	2265.3	2217.5	2169.8
50°	2328.2	2545.2	2762.2	2979.1	3068.1	2901.0	2733.9	2564.7	2397.6	2349.9	2302.2
52.5°	2532.2	2755.6	2977.0	3200.5	3291.6	3109.3	2927.1	2744.8	2562.5	2503.9	2445.4
55°	2666.7	2924.9	3180.9	3439.1	3543.3	3341.5	3139.7	2935.7	2733.9	2653.7	2571.2
57.5°	2779.5	3044.2	3306.8	3571.5	3675.6	3467.3	3259.0	3048.6	2840.3	2742.6	2645.0
60°	2922.7	3191.8	3463.0	3732.1	3821.0	3595.4	3369.7	3141.9	2916.2	2803.4	2692.7
62.5°	3133.2	3389.2	3645.3	3901.3	3959.9	3719.0	3480.4	3239.5	2998.7	2855.5	2712.2
65°	3406.6	3662.6	3920.8	4176.9	4239.8	3953.4	3669.1	3382.7	3096.3	2907.5	2718.8
67.5°	3662.6	3955.5	4250.6	4543.6	4606.5	4252.8	3897.0	3543.3	3187.4	2940.1	2692.7
70°	3738.6	4085.7	4432.9	4780.1	4862.5	4445.9	4029.3	3610.5	3193.9	2883.7	2575.6
72.5°	3439.1	3834.0	4226.8	4621.7	4777.9	4333.1	3888.3	3441.3	2996.5	2647.2	2300.0
75°	2601.6	2987.8	3376.2	3762.4	3962.1	3571.5	3183.1	2792.5	2402.0	2083.0	1766.2
77.5°	1364.8	1655.6	1944.1	2234.9	2592.9	2289.1	1983.2	1679.4	1373.5	1178.2	980.7
80°	288.6	388.4	486.0	585.8	787.6	716.0	646.6	575.0	503.4	423.1	340.7
82.5°	47.7	62.9	78.1	93.3	117.2	117.2	119.3	119.3	119.3	104.2	86.8
85°	15.2	19.5	23.9	28.2	28.2	30.4	30.4	32.5	32.5	32.5	30.4
87.5°	6.5	6.5	8.7	8.7	8.7	8.7	10.8	10.8	10.8	10.8	10.8
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: P560822

CATALOG NUMBER: SDL-PA1-60-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7
2.5°	841.9	850.6	857.1	865.7	872.3	878.8	883.1	885.3	889.6	891.8	887.4
5°	826.7	802.8	811.5	820.2	826.7	835.4	841.9	848.4	852.7	859.2	863.6
7.5°	857.1	883.1	894.0	904.8	915.7	926.5	933.0	939.5	943.9	950.4	952.5
10°	729.1	744.2	776.8	811.5	844.1	876.6	865.7	854.9	844.1	833.2	880.9
12.5°	759.4	765.9	785.5	802.8	822.4	839.7	876.6	911.3	948.2	982.9	1004.6
15°	683.5	690.0	742.1	792.0	844.1	894.0	878.8	863.6	848.4	833.2	857.1
17.5°	854.9	883.1	833.2	781.1	731.2	679.1	739.9	802.8	863.6	924.3	946.0
20°	807.2	837.5	863.6	889.6	915.7	941.7	920.0	900.5	878.8	857.1	839.7
22.5°	859.2	809.3	839.7	872.3	902.6	933.0	917.8	904.8	889.6	874.4	909.1
25°	987.3	1024.1	976.4	928.7	880.9	833.2	887.4	941.7	993.8	1048.0	1013.3
27.5°	995.9	959.1	1002.4	1043.7	1087.1	1128.3	1082.7	1039.3	993.8	948.2	998.1
30°	1171.7	1126.1	1113.1	1100.1	1087.1	1074.1	1097.9	1121.8	1143.5	1167.4	1173.9
32.5°	1325.7	1249.8	1269.3	1291.0	1310.6	1330.1	1312.7	1297.5	1280.2	1262.8	1336.6
35°	1475.5	1423.4	1432.1	1440.7	1449.4	1458.1	1462.4	1464.6	1469.0	1471.1	1566.6
37.5°	1579.6	1525.4	1555.7	1586.1	1616.5	1646.9	1646.9	1644.7	1644.7	1642.5	1751.0
40°	1694.6	1636.0	1679.4	1720.7	1764.0	1805.3	1814.0	1822.6	1831.3	1840.0	1939.8
42.5°	1844.3	1785.7	1822.6	1857.3	1894.2	1929.0	1944.1	1959.3	1972.3	1987.5	2087.3
45°	1987.5	1933.3	1961.5	1989.7	2017.9	2046.1	2059.1	2072.2	2085.2	2098.2	2213.2
47.5°	2122.1	2074.3	2091.7	2106.9	2124.2	2139.4	2150.3	2158.9	2169.8	2178.5	2293.5
50°	2254.4	2206.7	2211.0	2215.4	2217.5	2221.9	2226.2	2232.7	2237.1	2241.4	2375.9
52.5°	2384.6	2326.0	2315.2	2304.3	2293.5	2282.6	2282.6	2280.5	2280.5	2278.3	2382.4
55°	2490.9	2408.5	2382.4	2354.2	2328.2	2300.0	2289.1	2278.3	2265.3	2254.4	2308.7
57.5°	2545.2	2447.5	2408.5	2367.2	2328.2	2287.0	2250.1	2211.0	2174.1	2135.1	2126.4
60°	2579.9	2467.1	2406.3	2343.4	2282.6	2219.7	2128.6	2037.4	1946.3	1855.2	1807.4
62.5°	2566.9	2423.7	2330.4	2234.9	2141.6	2046.1	1905.1	1764.0	1620.8	1479.8	1412.5
65°	2527.8	2339.0	2204.5	2067.8	1933.3	1796.6	1627.3	1458.1	1288.9	1119.6	1056.7
67.5°	2445.4	2198.0	2009.2	1822.6	1633.9	1445.1	1273.7	1102.3	930.8	759.4	713.9
70°	2265.3	1955.0	1733.7	1510.2	1288.9	1065.4	920.0	772.4	627.1	479.5	457.8
72.5°	1950.6	1601.3	1375.7	1152.2	926.5	700.8	601.0	501.2	401.4	301.6	295.1
75°	1447.3	1128.3	954.7	779.0	605.4	429.6	371.0	314.6	256.0	197.5	199.6
77.5°	785.5	588.0	505.6	423.1	338.5	256.0	227.8	199.6	171.4	143.2	147.5
80°	260.4	177.9	164.9	151.9	138.9	125.8	115.0	104.2	93.3	82.5	86.8
82.5°	71.6	54.2	58.6	65.1	69.4	73.8	73.8	73.8	71.6	71.6	71.6
85°	30.4	28.2	26.0	26.0	23.9	21.7	26.0	30.4	34.7	39.1	41.2
87.5°	8.7	8.7	8.7	6.5	6.5	4.3	4.3	4.3	4.3	4.3	6.5
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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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7	711.7
2.5°	885.3	880.9	876.6	870.1	865.7	859.2	852.7	846.2	839.7	831.0	824.5
5°	867.9	872.3	876.6	878.8	883.1	885.3	887.4	889.6	891.8	891.8	894.0
7.5°	952.5	954.7	954.7	941.7	930.8	917.8	904.8	902.6	902.6	900.5	898.3
10°	930.8	978.6	1026.3	1026.3	1024.1	1024.1	1022.0	1022.0	1024.1	1024.1	1024.1
12.5°	1026.3	1048.0	1069.7	1061.0	1054.5	1045.8	1037.2	1000.3	961.2	924.3	885.3
15°	880.9	902.6	926.5	959.1	991.6	1024.1	1056.7	1054.5	1054.5	1052.4	1050.2
17.5°	965.6	987.3	1006.8	991.6	976.4	959.1	943.9	915.7	887.4	859.2	831.0
20°	824.5	807.2	789.8	859.2	928.7	998.1	1067.5	1065.4	1065.4	1063.2	1061.0
22.5°	943.9	976.4	1011.1	985.1	959.1	933.0	907.0	902.6	896.1	891.8	885.3
25°	978.6	941.7	907.0	972.1	1039.3	1104.4	1169.5	1180.4	1191.2	1199.9	1210.7
27.5°	1050.2	1100.1	1150.0	1137.0	1124.0	1108.8	1095.7	1104.4	1113.1	1121.8	1130.5
30°	1182.5	1189.0	1195.6	1291.0	1388.7	1484.1	1579.6	1592.6	1603.5	1616.5	1627.3
32.5°	1410.4	1482.0	1555.7	1614.3	1675.1	1733.7	1792.3	1870.4	1950.6	2028.8	2106.9
35°	1664.2	1759.7	1855.2	1968.0	2083.0	2195.8	2308.7	2336.9	2367.2	2395.5	2423.7
37.5°	1859.5	1968.0	2076.5	2193.7	2308.7	2425.8	2540.8	2562.5	2584.2	2605.9	2627.6
40°	2039.6	2139.4	2239.2	2362.9	2486.6	2610.3	2733.9	2751.3	2768.7	2786.0	2803.4
42.5°	2187.2	2284.8	2384.6	2508.3	2632.0	2755.6	2879.3	2894.5	2907.5	2922.7	2935.7
45°	2328.2	2443.2	2558.2	2666.7	2775.2	2881.5	2990.0	3000.8	3009.5	3020.4	3029.0
47.5°	2410.6	2525.6	2640.6	2742.6	2844.6	2944.4	3046.4	3046.4	3046.4	3046.4	3046.4
50°	2510.5	2642.8	2777.3	2829.4	2879.3	2931.4	2981.3	2970.5	2959.6	2946.6	2935.7
52.5°	2484.4	2588.6	2690.5	2710.1	2729.6	2749.1	2768.7	2740.5	2714.4	2686.2	2658.0
55°	2362.9	2415.0	2469.2	2436.7	2402.0	2369.4	2334.7	2254.4	2174.1	2093.9	2013.6
57.5°	2117.7	2109.0	2100.4	2013.6	1929.0	1842.2	1755.4	1703.3	1653.4	1601.3	1549.2
60°	1761.9	1714.1	1666.4	1588.3	1510.2	1432.1	1354.0	1325.7	1295.4	1267.2	1236.8
62.5°	1345.3	1278.0	1210.7	1171.7	1132.6	1093.6	1054.5	1026.3	995.9	967.7	937.4
65°	995.9	933.0	870.1	837.5	805.0	770.3	737.7	718.2	698.7	677.0	657.4
67.5°	670.5	624.9	579.3	559.8	538.1	518.6	496.9	488.2	477.4	468.7	457.8
70°	434.0	412.3	388.4	379.7	373.2	364.5	355.8	347.2	338.5	329.8	321.1
72.5°	288.6	282.1	275.6	271.2	266.9	262.5	258.2	253.9	247.4	243.0	236.5
75°	199.6	201.8	201.8	199.6	199.6	197.5	195.3	177.9	160.6	143.2	125.8
77.5°	149.7	154.1	156.2	145.4	134.5	121.5	110.7	108.5	106.3	104.2	102.0
80°	93.3	97.6	102.0	97.6	95.5	91.1	86.8	82.5	78.1	73.8	69.4
82.5°	71.6	71.6	71.6	67.3	62.9	56.4	52.1	49.9	47.7	45.6	43.4
85°	43.4	45.6	47.7	43.4	36.9	32.5	26.0	21.7	17.4	13.0	8.7
87.5°	6.5	8.7	8.7	8.7	6.5	6.5	4.3	4.3	4.3	2.2	2.2
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):

	357.5°	360°
0°	711.7	711.7
2.5°	807.2	789.8
5°	896.1	898.3
7.5°	844.1	787.6
10°	1024.1	1024.1
12.5°	874.4	861.4
15°	1045.8	1041.5
17.5°	828.9	824.5
20°	1058.9	1056.7
22.5°	885.3	883.1
25°	1212.9	1212.9
27.5°	1130.5	1128.3
30°	1627.3	1627.3
32.5°	2148.1	2187.2
35°	2430.2	2436.7
37.5°	2638.5	2647.2
40°	2809.9	2816.4
42.5°	2937.9	2937.9
45°	3029.0	3029.0
47.5°	3044.2	3042.1
50°	2929.2	2922.7
52.5°	2632.0	2603.8
55°	1998.4	1981.0
57.5°	1544.9	1538.4
60°	1236.8	1236.8
62.5°	928.7	920.0
65°	648.8	637.9
67.5°	453.5	449.1
70°	321.1	319.0
72.5°	234.3	232.2
75°	123.7	119.3
77.5°	102.0	99.8
80°	71.6	71.6
82.5°	43.4	41.2
85°	6.5	4.3
87.5°	2.2	2.2
90°	0.0	0.0

(END OF REPORT)