

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: P561064

Luminaire Tested: **SDL-PA1-80-730-U-T2R-HSS**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P561064
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-PA1-80-730-U-T2R-HSS
Description: Springdale
(1) 70 CRI, 3000K, 1050mA 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: 6919.6 lumens
Efficiency: N/A
Efficacy: 84.4 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 - G2

Input Watts (W): 82
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

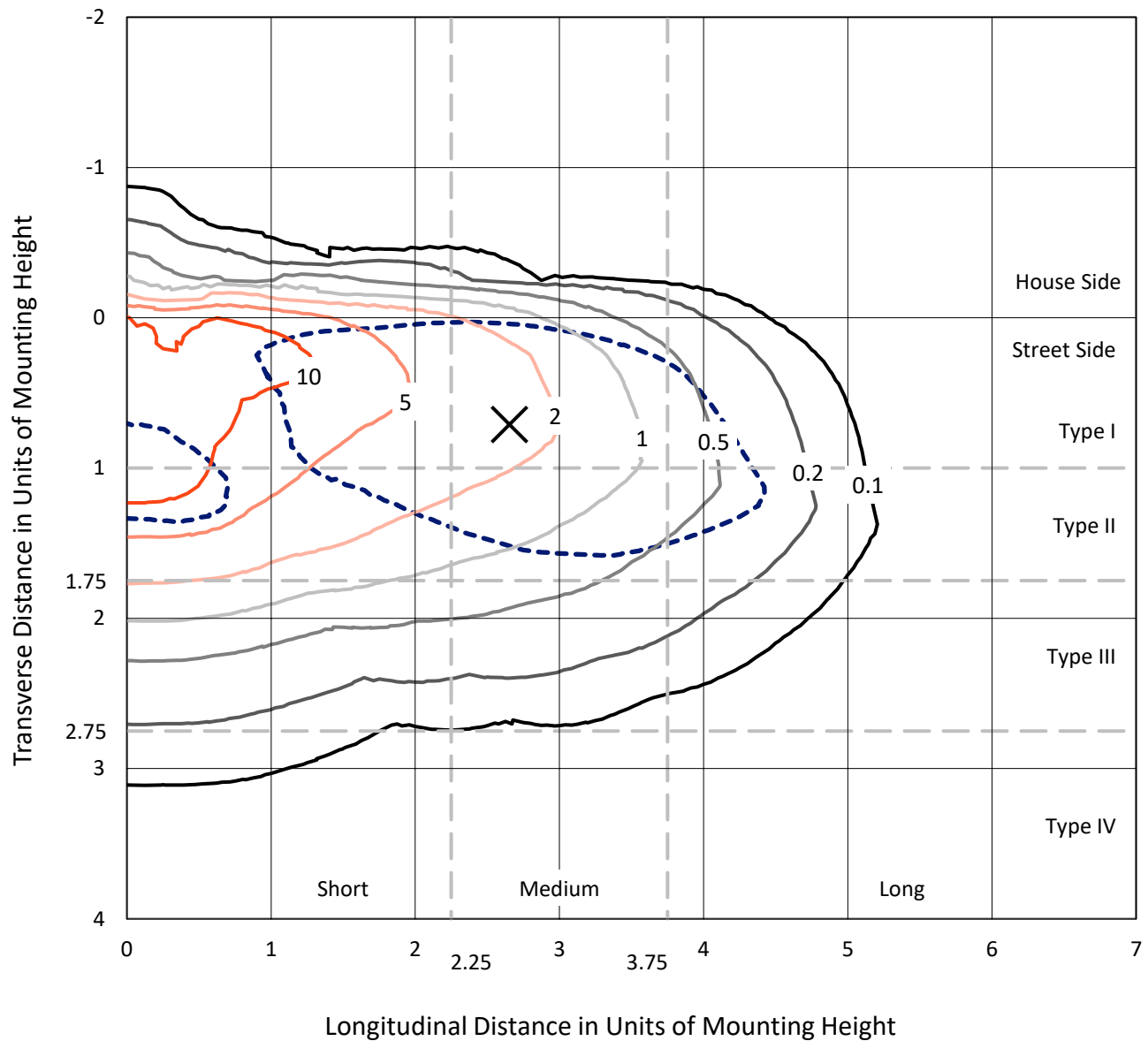


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

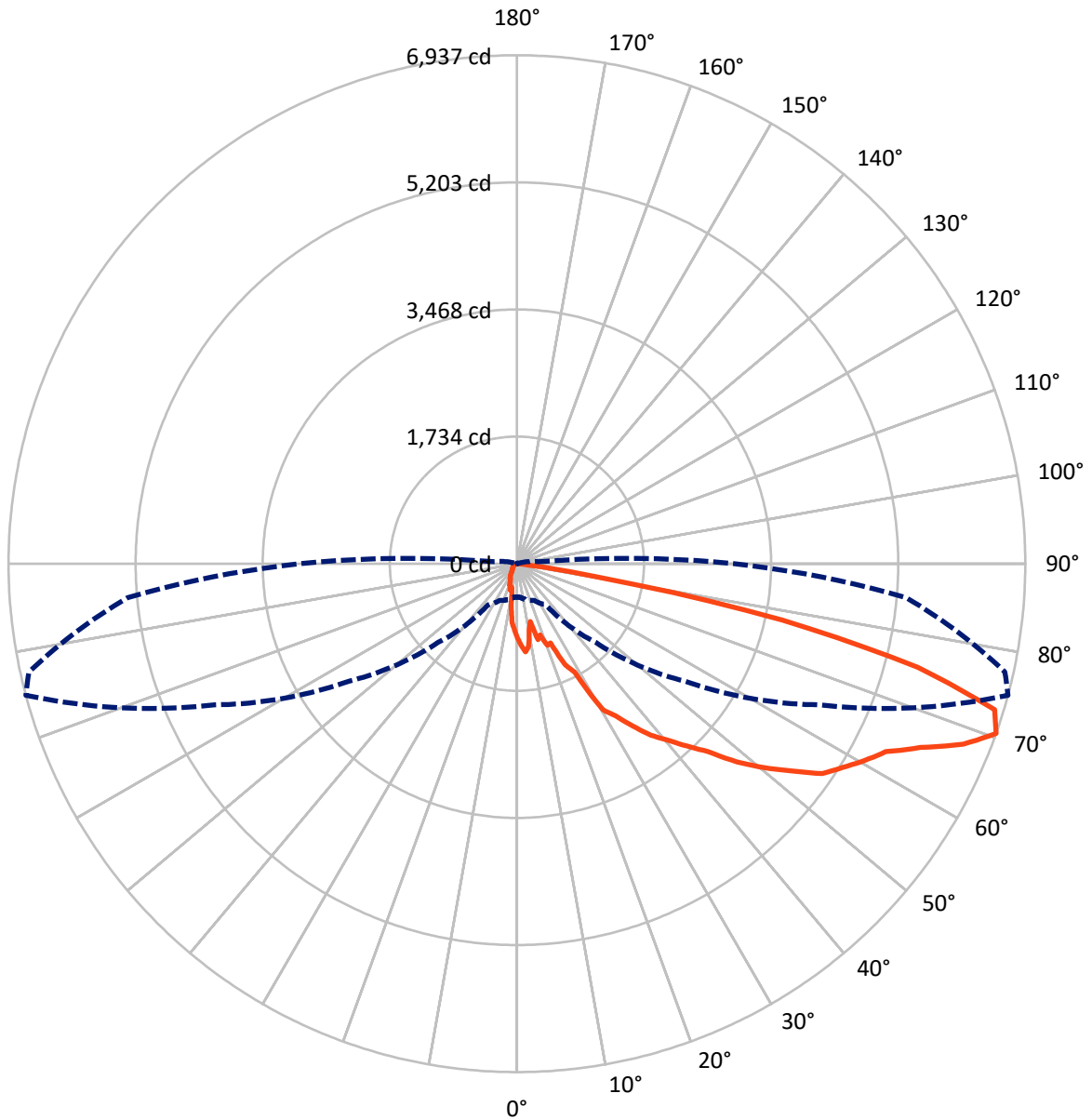


Based on 10 foot mounting height. Maximum calculated value = 18.9 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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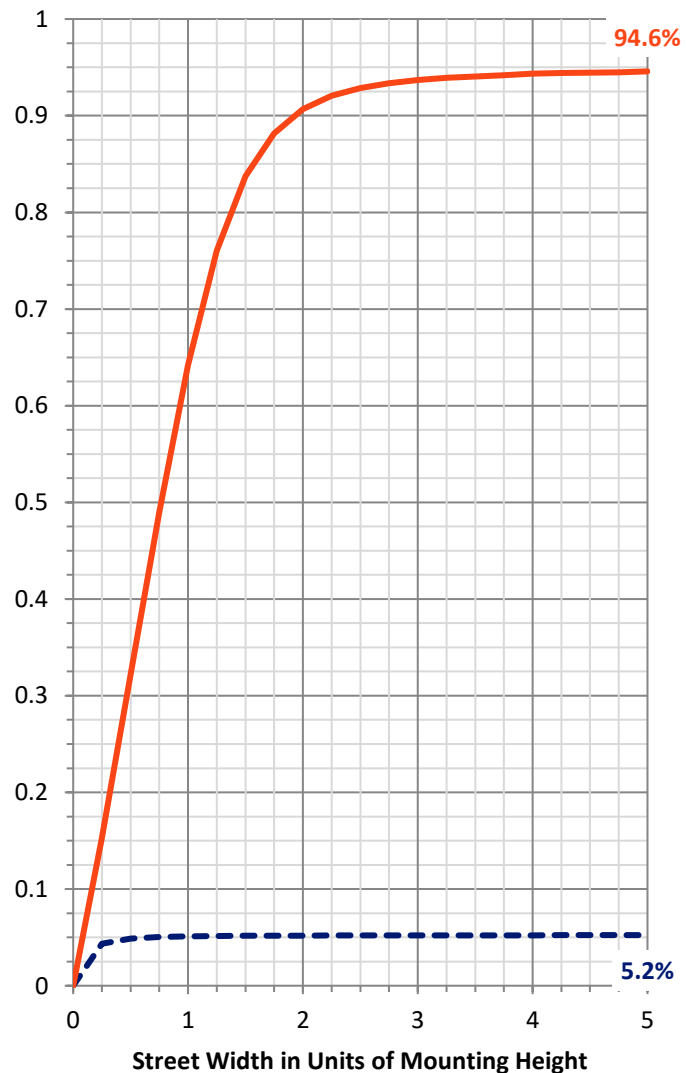
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	365.6	0.0	365.6
	% Fixture	5.3	0.0	5.3
Street Side	Lumens	6554.0	0.0	6554.0
	% Fixture	94.7	0.0	94.7
Total	Lumens	6919.6	0.0	6919.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.2	1.2
10°-20°	199.7	2.9
20°-30°	379.6	5.5
30°-40°	843.4	12.2
40°-50°	1359.7	19.7
50°-60°	1638.8	23.7
60°-70°	1485.3	21.5
70°-80°	885.2	12.8
80°-90°	47.7	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°	6919.6	100.0
0°-180°	6919.6	100.0

Coefficient of Utilization



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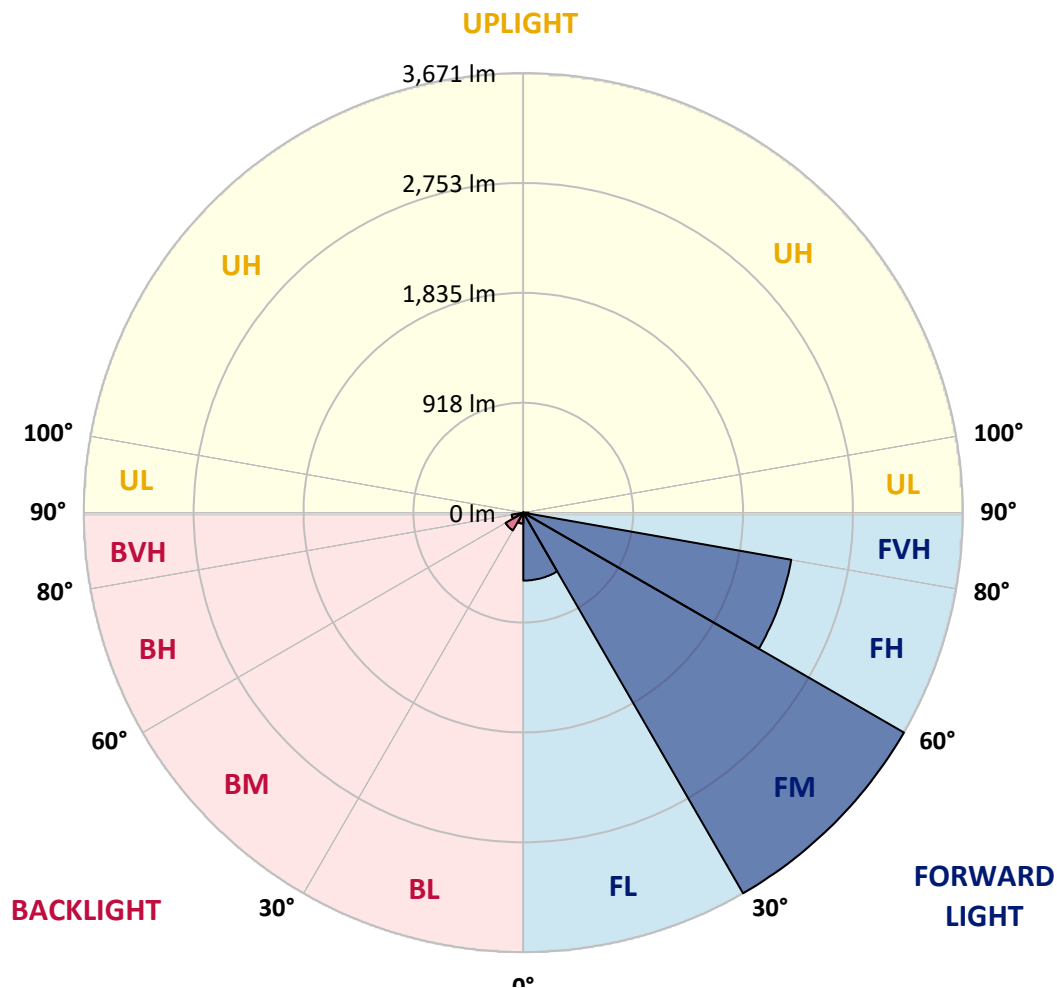
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	567.5	8.2			
FM	(30°-60°)	3670.9	53.1			
FH	(60°-80°)	2272.0	32.8			G2/5000
FVH	(80°-90°)	43.6	0.6			G1/100
BL	(0°-30°)	91.9	1.3	B0/110		
BM	(30°-60°)	171.1	2.5	B0/220		
BH	(60°-80°)	98.5	1.4	B0/110		G0/110
BVH	(80°-90°)	4.1	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-G2

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°	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3
2.5°	1126.7	1151.5	1176.3	1185.6	1197.9	1207.2	1216.5	1225.8	1235.1	1241.3	1250.6
5°	1281.5	1278.4	1275.3	1272.2	1272.2	1269.1	1266.0	1263.0	1259.9	1253.7	1250.6
7.5°	1123.7	1204.1	1281.5	1284.6	1287.7	1287.7	1290.8	1309.4	1328.0	1343.4	1362.0
10°	1461.1	1461.1	1461.1	1461.1	1461.1	1458.0	1458.0	1461.1	1461.1	1464.2	1464.2
12.5°	1228.9	1247.5	1263.0	1318.7	1371.3	1427.0	1479.6	1492.0	1504.4	1513.7	1526.1
15°	1485.8	1492.0	1498.2	1501.3	1504.4	1504.4	1507.5	1461.1	1414.6	1368.2	1321.8
17.5°	1176.3	1182.5	1185.6	1225.8	1266.0	1306.3	1346.5	1368.2	1393.0	1414.6	1436.3
20°	1507.5	1510.6	1513.7	1516.8	1519.9	1519.9	1523.0	1423.9	1324.9	1225.8	1126.7
22.5°	1259.9	1263.0	1263.0	1272.2	1278.4	1287.7	1293.9	1331.1	1368.2	1405.3	1442.5
25°	1730.4	1730.4	1727.3	1711.8	1699.4	1683.9	1668.5	1575.6	1482.7	1386.8	1293.9
27.5°	1609.6	1612.7	1612.7	1600.4	1588.0	1575.6	1563.2	1581.8	1603.5	1622.0	1640.6
30°	2321.6	2321.6	2321.6	2306.1	2287.5	2272.1	2253.5	2117.3	1981.1	1841.8	1705.6
32.5°	3120.2	3064.5	3005.7	2894.3	2782.8	2668.3	2556.9	2473.3	2389.7	2303.0	2219.4
35°	3476.2	3466.9	3457.6	3417.4	3377.2	3333.8	3293.6	3132.6	2971.6	2807.6	2646.6
37.5°	3776.5	3764.1	3748.6	3717.7	3686.7	3655.7	3624.8	3460.7	3293.6	3129.5	2962.4
40°	4017.9	4008.6	3999.3	3974.6	3949.8	3925.1	3900.3	3723.8	3547.4	3371.0	3194.5
42.5°	4191.3	4191.3	4188.2	4169.6	4147.9	4129.4	4107.7	3931.2	3754.8	3578.4	3401.9
45°	4321.3	4321.3	4321.3	4308.9	4293.4	4281.0	4265.6	4110.8	3959.1	3804.3	3649.6
47.5°	4339.8	4342.9	4346.0	4346.0	4346.0	4346.0	4346.0	4200.5	4058.2	3912.7	3767.2
50°	4169.6	4178.9	4188.2	4203.6	4222.2	4237.7	4253.2	4182.0	4107.7	4036.5	3962.2
52.5°	3714.6	3754.8	3791.9	3832.2	3872.4	3909.6	3949.8	3922.0	3894.1	3866.2	3838.4
55°	2826.2	2850.9	2872.6	2987.1	3101.7	3216.2	3330.7	3380.2	3426.7	3476.2	3522.6
57.5°	2194.7	2204.0	2210.2	2284.5	2358.7	2429.9	2504.2	2628.1	2751.9	2872.6	2996.4
60°	1764.4	1764.4	1764.4	1807.8	1848.0	1891.3	1931.6	2043.0	2154.4	2265.9	2377.3
62.5°	1312.5	1324.9	1337.2	1380.6	1420.8	1464.2	1504.4	1560.1	1615.8	1671.6	1727.3
65°	910.1	925.5	937.9	965.8	996.7	1024.6	1052.5	1098.9	1148.4	1194.9	1241.3
67.5°	640.8	647.0	653.1	668.6	681.0	696.5	708.9	739.8	767.7	798.6	826.5
70°	455.0	458.1	458.1	470.5	482.9	495.3	507.7	520.0	532.4	541.7	554.1
72.5°	331.2	334.3	337.4	346.7	352.9	362.2	368.4	374.6	380.7	386.9	393.1
75°	170.3	176.4	179.5	204.3	229.1	253.8	278.6	281.7	284.8	284.8	287.9
77.5°	142.4	145.5	145.5	148.6	151.7	154.8	157.9	173.3	191.9	207.4	222.9
80°	102.2	102.2	99.1	105.2	111.4	117.6	123.8	130.0	136.2	139.3	145.5
82.5°	58.8	61.9	61.9	65.0	68.1	71.2	74.3	80.5	89.8	96.0	102.2
85°	6.2	9.3	12.4	18.6	24.8	31.0	37.1	46.4	52.6	61.9	68.1
87.5°	3.1	3.1	3.1	3.1	6.2	6.2	6.2	9.3	9.3	12.4	12.4
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):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3
2.5°	1256.8	1263.0	1266.0	1272.2	1269.1	1263.0	1259.9	1253.7	1244.4	1235.1	1222.7
5°	1244.4	1238.2	1232.0	1225.8	1216.5	1210.3	1201.0	1191.8	1179.4	1170.1	1157.7
7.5°	1362.0	1358.9	1358.9	1355.8	1346.5	1340.3	1331.1	1321.8	1306.3	1290.8	1275.3
10°	1396.1	1328.0	1256.8	1188.7	1204.1	1219.6	1235.1	1250.6	1204.1	1157.7	1108.2
12.5°	1495.1	1464.2	1433.2	1402.2	1352.7	1300.1	1250.6	1197.9	1173.2	1145.3	1120.6
15°	1287.7	1256.8	1222.7	1188.7	1210.3	1232.0	1253.7	1275.3	1204.1	1129.8	1058.6
17.5°	1408.4	1377.5	1349.6	1318.7	1232.0	1145.3	1055.6	968.9	1043.2	1114.4	1188.7
20°	1151.5	1176.3	1197.9	1222.7	1253.7	1284.6	1312.5	1343.4	1306.3	1269.1	1232.0
22.5°	1393.0	1346.5	1297.0	1247.5	1269.1	1290.8	1309.4	1331.1	1287.7	1244.4	1197.9
25°	1343.4	1396.1	1445.6	1495.1	1417.7	1343.4	1266.0	1188.7	1256.8	1324.9	1393.0
27.5°	1569.4	1498.2	1423.9	1352.7	1417.7	1482.7	1544.6	1609.6	1550.8	1488.9	1430.1
30°	1696.3	1687.0	1674.6	1665.4	1631.3	1600.4	1566.3	1532.3	1550.8	1569.4	1588.0
32.5°	2114.2	2012.1	1906.8	1801.6	1826.3	1851.1	1872.8	1897.5	1869.7	1841.8	1810.8
35°	2510.4	2374.2	2234.9	2098.7	2095.6	2089.4	2086.3	2080.2	2067.8	2055.4	2043.0
37.5°	2807.6	2652.8	2498.0	2343.3	2346.4	2346.4	2349.5	2349.5	2306.1	2262.8	2219.4
40°	3052.1	2909.7	2767.3	2625.0	2612.6	2600.2	2587.8	2575.4	2516.6	2454.7	2395.9
42.5°	3259.5	3120.2	2977.8	2835.4	2813.8	2795.2	2773.5	2751.9	2702.3	2649.7	2600.2
45°	3485.5	3321.4	3157.4	2993.3	2974.7	2956.2	2937.6	2919.0	2878.8	2838.5	2798.3
47.5°	3603.1	3439.1	3271.9	3107.8	3095.5	3080.0	3067.6	3052.1	3030.5	3005.7	2984.0
50°	3770.3	3581.5	3389.5	3197.6	3191.4	3185.2	3175.9	3169.8	3163.6	3160.5	3154.3
52.5°	3692.9	3544.3	3398.8	3250.2	3253.3	3253.3	3256.4	3256.4	3271.9	3287.4	3302.9
55°	3445.3	3371.0	3293.6	3216.2	3231.7	3250.2	3265.7	3281.2	3321.4	3358.6	3398.8
57.5°	3008.8	3021.2	3033.6	3045.9	3101.7	3154.3	3210.0	3262.6	3321.4	3377.2	3436.0
60°	2445.4	2513.5	2578.5	2646.6	2776.6	2906.6	3036.7	3166.7	3256.4	3343.1	3432.9
62.5°	1823.2	1919.2	2015.1	2111.1	2312.3	2516.6	2717.8	2919.0	3055.2	3188.3	3324.5
65°	1331.1	1420.8	1507.5	1597.3	1838.7	2080.2	2321.6	2563.0	2758.1	2950.0	3145.0
67.5°	891.5	956.5	1018.4	1083.4	1328.0	1572.5	1817.0	2061.6	2330.9	2600.2	2866.4
70°	588.1	619.1	653.1	684.1	894.6	1102.0	1312.5	1519.9	1838.7	2154.4	2473.3
72.5°	402.4	411.7	421.0	430.3	572.7	715.1	857.4	999.8	1321.8	1643.7	1962.5
75°	287.9	284.8	284.8	281.7	365.3	448.8	529.3	612.9	863.6	1111.3	1362.0
77.5°	219.8	213.6	210.5	204.3	244.5	284.8	325.0	365.3	482.9	603.6	721.2
80°	139.3	133.1	123.8	117.6	133.1	148.6	164.1	179.5	198.1	216.7	235.3
82.5°	102.2	102.2	102.2	102.2	102.2	105.2	105.2	105.2	99.1	92.9	83.6
85°	65.0	61.9	58.8	55.7	49.5	43.3	37.1	31.0	34.1	37.1	37.1
87.5°	12.4	9.3	9.3	6.2	6.2	6.2	6.2	6.2	9.3	9.3	12.4
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°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3
2.5°	1213.4	1201.0	1188.7	1176.3	1163.9	1151.5	1139.1	1126.7	1114.4	1095.8	1080.3
5°	1145.3	1179.4	1216.5	1250.6	1284.6	1266.0	1247.5	1228.9	1210.3	1179.4	1148.4
7.5°	1259.9	1219.6	1182.5	1145.3	1105.1	1114.4	1123.7	1132.9	1142.2	1114.4	1077.2
10°	1061.7	1040.1	1018.4	996.7	975.1	962.7	947.2	934.8	919.4	996.7	965.8
12.5°	1092.7	1083.4	1074.1	1061.7	1052.5	990.5	931.7	869.8	807.9	783.2	792.4
15°	984.4	975.1	965.8	956.5	947.2	978.2	1012.2	1043.2	1074.1	1067.9	1061.7
17.5°	1259.9	1219.6	1182.5	1142.2	1102.0	1083.4	1061.7	1043.2	1021.5	987.5	978.2
20°	1194.9	1151.5	1108.2	1064.8	1021.5	1064.8	1105.1	1148.4	1188.7	1259.9	1238.2
22.5°	1154.6	1225.8	1300.1	1371.3	1442.5	1374.4	1309.4	1241.3	1173.2	1194.9	1089.6
25°	1461.1	1408.4	1358.9	1306.3	1253.7	1321.8	1389.9	1458.0	1526.1	1495.1	1445.6
27.5°	1368.2	1420.8	1470.3	1523.0	1572.5	1597.3	1625.1	1649.9	1674.6	1612.7	1625.1
30°	1606.5	1671.6	1733.5	1798.5	1860.4	1974.9	2086.3	2200.9	2312.3	2287.5	2188.5
32.5°	1783.0	1891.3	1999.7	2104.9	2213.3	2278.3	2346.4	2411.4	2476.4	2482.6	2358.7
35°	2030.6	2104.9	2179.2	2253.5	2327.8	2426.8	2522.8	2621.9	2717.8	2662.1	2522.8
37.5°	2176.1	2253.5	2334.0	2411.4	2488.8	2609.5	2730.2	2847.8	2968.6	2847.8	2696.2
40°	2334.0	2417.6	2504.2	2587.8	2671.4	2795.2	2915.9	3039.7	3160.5	3154.3	2946.9
42.5°	2547.6	2631.1	2717.8	2801.4	2885.0	3015.0	3145.0	3271.9	3401.9	3398.8	3163.6
45°	2758.1	2835.4	2909.7	2987.1	3061.4	3210.0	3358.6	3507.2	3655.7	3671.2	3405.0
47.5°	2959.3	3027.4	3095.5	3163.6	3231.7	3436.0	3637.2	3841.5	4042.7	3946.7	3658.8
50°	3148.1	3216.2	3284.3	3352.4	3420.5	3658.8	3900.3	4138.6	4377.0	4250.1	3940.5
52.5°	3318.3	3401.9	3488.6	3572.2	3655.7	3915.8	4175.8	4435.8	4695.8	4565.8	4247.0
55°	3436.0	3553.6	3668.1	3785.8	3900.3	4188.2	4479.1	4767.0	5054.9	4906.3	4538.0
57.5°	3491.7	3631.0	3773.4	3912.7	4052.0	4349.1	4649.4	4946.6	5243.7	5095.1	4717.5
60°	3519.5	3680.5	3841.5	3999.3	4160.3	4482.2	4807.3	5129.2	5451.1	5324.2	4940.4
62.5°	3457.6	3661.9	3869.3	4073.6	4277.9	4621.5	4965.1	5305.6	5649.2	5565.6	5200.4
65°	3336.9	3606.2	3878.6	4147.9	4417.2	4825.8	5234.4	5639.9	6048.5	5958.8	5593.5
67.5°	3135.7	3488.6	3841.5	4194.4	4547.2	5054.9	5559.5	6067.1	6571.7	6481.9	6064.0
70°	2789.0	3231.7	3674.3	4113.9	4556.5	5150.9	5748.3	6342.6	6936.9	6819.3	6324.0
72.5°	2284.5	2782.8	3281.2	3776.5	4274.8	4909.4	5547.1	6181.6	6816.2	6593.3	6030.0
75°	1609.6	2064.7	2519.7	2971.6	3426.7	3983.9	4541.0	5095.1	5652.3	5367.5	4816.5
77.5°	838.9	1120.6	1399.2	1680.8	1959.4	2395.9	2829.3	3265.7	3699.1	3188.3	2773.5
80°	253.8	371.5	486.0	603.6	718.1	820.3	922.4	1021.5	1123.7	835.8	693.4
82.5°	77.4	102.2	123.8	148.6	170.3	170.3	170.3	167.2	167.2	133.1	111.4
85°	40.2	43.3	43.3	46.4	46.4	46.4	43.3	43.3	40.2	40.2	34.1
87.5°	12.4	12.4	15.5	15.5	15.5	15.5	15.5	12.4	12.4	12.4	12.4
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: P561064

CATALOG NUMBER: SDL-PA1-80-730-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3
2.5°	1067.9	1052.5	1037.0	1018.4	999.8	981.3	962.7	944.1	925.5	907.0	891.5
5°	1120.6	1089.6	1058.6	1024.6	987.5	950.3	916.3	882.2	845.1	811.0	780.1
7.5°	1040.1	1002.9	956.5	910.1	863.6	817.2	767.7	721.2	671.7	622.2	581.9
10°	931.7	900.8	851.3	798.6	742.9	684.1	619.1	554.1	489.1	424.1	396.2
12.5°	798.6	807.9	755.3	702.7	643.9	585.0	523.1	461.2	396.2	334.3	315.7
15°	1055.6	1049.4	981.3	913.2	823.4	733.6	643.9	551.0	461.2	368.4	321.9
17.5°	965.8	956.5	882.2	807.9	727.4	647.0	563.4	476.7	393.1	306.5	263.1
20°	1219.6	1197.9	1105.1	1009.1	891.5	770.8	653.1	535.5	417.9	300.3	250.7
22.5°	984.4	879.1	804.8	730.5	637.7	541.7	464.3	383.8	306.5	226.0	195.0
25°	1393.0	1343.4	1216.5	1086.5	922.4	758.4	625.3	492.2	359.1	226.0	188.8
27.5°	1637.5	1649.9	1476.5	1303.2	1095.8	888.4	715.1	541.7	368.4	195.0	167.2
30°	2089.4	1990.4	1786.1	1578.7	1287.7	993.6	789.3	585.0	380.7	176.4	151.7
32.5°	2238.0	2114.2	1882.0	1646.8	1306.3	962.7	758.4	554.1	346.7	142.4	126.9
35°	2386.6	2247.3	1981.1	1714.9	1324.9	931.7	727.4	526.2	321.9	117.6	108.3
37.5°	2544.5	2392.8	2095.6	1795.4	1343.4	891.5	696.5	498.4	303.4	105.2	96.0
40°	2742.6	2535.2	2207.1	1875.9	1362.0	848.2	659.3	473.6	284.8	96.0	86.7
42.5°	2931.4	2696.2	2330.9	1962.5	1383.7	804.8	625.3	448.8	269.3	89.8	80.5
45°	3141.9	2875.7	2479.5	2080.2	1414.6	749.1	581.9	414.8	247.6	80.5	71.2
47.5°	3371.0	3083.1	2640.4	2197.8	1445.6	693.4	538.6	386.9	232.2	77.4	68.1
50°	3631.0	3321.4	2835.4	2346.4	1507.5	665.5	516.9	368.4	219.8	71.2	61.9
52.5°	3931.2	3612.4	3067.6	2519.7	1581.8	640.8	498.4	352.9	210.5	65.0	55.7
55°	4172.7	3804.3	3200.7	2594.0	1597.3	597.4	464.3	328.1	195.0	58.8	52.6
57.5°	4342.9	3965.3	3327.6	2690.0	1625.1	557.2	430.3	306.5	179.5	52.6	46.4
60°	4553.4	4169.6	3485.5	2798.3	1659.2	520.0	402.4	284.8	164.1	46.4	40.2
62.5°	4835.1	4469.9	3711.5	2950.0	1714.9	476.7	368.4	260.0	148.6	40.2	37.1
65°	5225.1	4859.9	3977.7	3095.5	1767.5	436.5	337.4	238.4	136.2	37.1	34.1
67.5°	5643.0	5225.1	4188.2	3148.1	1767.5	386.9	300.3	210.5	123.8	34.1	31.0
70°	5828.8	5333.5	4154.1	2971.6	1640.6	309.5	241.4	170.3	102.2	31.0	27.9
72.5°	5469.7	4906.3	3692.9	2479.5	1337.2	195.0	151.7	111.4	68.1	24.8	21.7
75°	4262.5	3711.5	2755.0	1795.4	947.2	96.0	77.4	58.8	37.1	18.6	15.5
77.5°	2361.8	1947.0	1414.6	882.2	470.5	55.7	46.4	37.1	24.8	15.5	15.5
80°	554.1	411.7	300.3	185.7	111.4	34.1	27.9	24.8	18.6	12.4	12.4
82.5°	89.8	68.1	49.5	31.0	24.8	18.6	15.5	15.5	12.4	9.3	9.3
85°	27.9	21.7	18.6	12.4	12.4	9.3	9.3	9.3	6.2	6.2	6.2
87.5°	9.3	9.3	9.3	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
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: P561064

CATALOG NUMBER: SDL-PA1-80-730-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3
2.5°	872.9	857.4	838.9	826.5	814.1	798.6	786.2	773.9	761.5	749.1	736.7
5°	749.1	715.1	684.1	643.9	600.5	560.3	516.9	498.4	482.9	464.3	445.7
7.5°	541.7	501.5	461.2	445.7	430.3	411.7	396.2	380.7	365.3	349.8	334.3
10°	371.5	343.6	315.7	303.4	291.0	275.5	263.1	250.7	238.4	222.9	210.5
12.5°	297.2	275.5	256.9	235.3	213.6	191.9	170.3	164.1	157.9	148.6	142.4
15°	272.4	226.0	176.4	161.0	148.6	133.1	117.6	114.5	114.5	111.4	108.3
17.5°	219.8	176.4	133.1	126.9	117.6	111.4	102.2	96.0	89.8	83.6	77.4
20°	201.2	151.7	102.2	99.1	96.0	89.8	86.7	83.6	83.6	80.5	77.4
22.5°	167.2	136.2	105.2	96.0	86.7	77.4	68.1	68.1	71.2	71.2	71.2
25°	151.7	114.5	77.4	77.4	74.3	74.3	71.2	68.1	61.9	58.8	52.6
27.5°	139.3	111.4	83.6	77.4	71.2	65.0	58.8	58.8	55.7	55.7	52.6
30°	130.0	105.2	80.5	74.3	71.2	65.0	58.8	55.7	52.6	46.4	43.3
32.5°	114.5	99.1	83.6	77.4	68.1	61.9	52.6	49.5	46.4	40.2	37.1
35°	99.1	86.7	77.4	71.2	61.9	55.7	46.4	43.3	40.2	37.1	34.1
37.5°	86.7	77.4	68.1	61.9	55.7	46.4	40.2	37.1	34.1	31.0	27.9
40°	77.4	68.1	58.8	52.6	46.4	40.2	34.1	31.0	31.0	27.9	24.8
42.5°	71.2	61.9	52.6	46.4	43.3	37.1	31.0	27.9	24.8	21.7	18.6
45°	65.0	55.7	46.4	43.3	37.1	34.1	27.9	24.8	21.7	18.6	15.5
47.5°	58.8	49.5	40.2	37.1	34.1	27.9	24.8	21.7	18.6	15.5	12.4
50°	55.7	46.4	37.1	34.1	31.0	24.8	21.7	18.6	18.6	15.5	12.4
52.5°	49.5	40.2	31.0	27.9	24.8	21.7	18.6	15.5	15.5	12.4	9.3
55°	43.3	37.1	27.9	24.8	21.7	18.6	15.5	12.4	12.4	9.3	6.2
57.5°	40.2	31.0	24.8	21.7	18.6	15.5	12.4	12.4	9.3	9.3	6.2
60°	34.1	27.9	21.7	18.6	15.5	12.4	9.3	9.3	6.2	6.2	3.1
62.5°	31.0	27.9	21.7	18.6	15.5	12.4	9.3	9.3	6.2	6.2	3.1
65°	27.9	24.8	18.6	15.5	15.5	12.4	9.3	9.3	6.2	6.2	3.1
67.5°	27.9	21.7	18.6	15.5	12.4	9.3	6.2	6.2	6.2	3.1	3.1
70°	21.7	18.6	12.4	12.4	9.3	9.3	6.2	6.2	6.2	3.1	3.1
72.5°	18.6	15.5	12.4	12.4	9.3	9.3	6.2	6.2	6.2	3.1	3.1
75°	15.5	12.4	9.3	9.3	9.3	6.2	6.2	6.2	6.2	3.1	3.1
77.5°	12.4	12.4	9.3	9.3	9.3	6.2	6.2	6.2	6.2	3.1	3.1
80°	9.3	9.3	6.2	6.2	6.2	6.2	6.2	6.2	6.2	3.1	3.1
82.5°	9.3	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	3.1	3.1
85°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	3.1	3.1
87.5°	6.2	6.2	6.2	6.2	9.3	9.3	9.3	9.3	6.2	6.2	3.1
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: P561064

CATALOG NUMBER: SDL-PA1-80-730-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3
2.5°	724.3	708.9	696.5	681.0	659.3	634.6	612.9	588.1	585.0	581.9	575.8
5°	436.5	427.2	417.9	408.6	402.4	396.2	390.0	383.8	377.6	374.6	368.4
7.5°	321.9	309.5	297.2	284.8	275.5	269.3	260.0	250.7	244.5	235.3	229.1
10°	198.1	182.6	170.3	154.8	161.0	167.2	170.3	176.4	176.4	173.3	173.3
12.5°	142.4	142.4	142.4	142.4	142.4	142.4	139.3	139.3	139.3	136.2	136.2
15°	105.2	102.2	99.1	96.0	96.0	96.0	92.9	92.9	99.1	102.2	108.3
17.5°	80.5	83.6	83.6	86.7	89.8	92.9	92.9	96.0	96.0	99.1	99.1
20°	77.4	77.4	74.3	74.3	71.2	71.2	68.1	65.0	68.1	74.3	77.4
22.5°	68.1	61.9	58.8	52.6	55.7	61.9	65.0	68.1	68.1	68.1	68.1
25°	55.7	55.7	58.8	58.8	55.7	52.6	49.5	46.4	49.5	52.6	52.6
27.5°	49.5	46.4	43.3	40.2	43.3	43.3	46.4	46.4	46.4	46.4	43.3
30°	43.3	43.3	40.2	40.2	40.2	37.1	37.1	34.1	37.1	37.1	40.2
32.5°	37.1	34.1	34.1	31.0	31.0	34.1	34.1	34.1	34.1	34.1	34.1
35°	34.1	31.0	31.0	27.9	27.9	27.9	27.9	27.9	31.0	31.0	34.1
37.5°	27.9	24.8	24.8	21.7	21.7	24.8	24.8	24.8	24.8	27.9	27.9
40°	24.8	21.7	21.7	18.6	18.6	21.7	21.7	21.7	21.7	24.8	24.8
42.5°	18.6	18.6	15.5	15.5	15.5	18.6	18.6	18.6	18.6	21.7	21.7
45°	15.5	15.5	12.4	12.4	12.4	15.5	15.5	15.5	15.5	15.5	15.5
47.5°	12.4	12.4	9.3	9.3	9.3	12.4	12.4	12.4	12.4	12.4	12.4
50°	12.4	9.3	9.3	6.2	6.2	9.3	9.3	9.3	9.3	9.3	9.3
52.5°	9.3	9.3	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
55°	6.2	6.2	3.1	3.1	3.1	6.2	6.2	6.2	6.2	6.2	3.1
57.5°	6.2	6.2	3.1	3.1	3.1	6.2	6.2	6.2	6.2	6.2	3.1
60°	3.1	3.1	3.1	3.1	3.1	6.2	6.2	6.2	6.2	6.2	3.1
62.5°	3.1	3.1	3.1	3.1	3.1	6.2	6.2	6.2	6.2	6.2	6.2
65°	3.1	3.1	3.1	3.1	6.2	6.2	9.3	9.3	9.3	9.3	6.2
67.5°	3.1	3.1	3.1	3.1	6.2	6.2	9.3	9.3	9.3	6.2	6.2
70°	3.1	6.2	6.2	6.2	6.2	9.3	9.3	9.3	9.3	9.3	6.2
72.5°	3.1	6.2	6.2	6.2	6.2	9.3	9.3	9.3	9.3	9.3	6.2
75°	6.2	6.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	6.2
77.5°	6.2	6.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	6.2
80°	6.2	6.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	6.2
82.5°	6.2	6.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	6.2
85°	6.2	9.3	9.3	12.4	12.4	12.4	9.3	9.3	9.3	9.3	6.2
87.5°	6.2	9.3	9.3	12.4	12.4	12.4	9.3	9.3	9.3	9.3	6.2
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: P561064

CATALOG NUMBER: SDL-PA1-80-730-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3
2.5°	572.7	566.5	560.3	551.0	544.8	551.0	557.2	551.0	544.8	551.0	560.3
5°	362.2	359.1	359.1	356.0	352.9	352.9	349.8	352.9	352.9	356.0	359.1
7.5°	219.8	216.7	213.6	207.4	204.3	210.5	213.6	210.5	204.3	207.4	213.6
10°	170.3	170.3	167.2	167.2	164.1	164.1	164.1	164.1	164.1	167.2	167.2
12.5°	133.1	130.0	126.9	123.8	120.7	126.9	130.0	126.9	120.7	123.8	126.9
15°	111.4	111.4	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5
17.5°	99.1	96.0	96.0	92.9	89.8	89.8	86.7	89.8	89.8	92.9	96.0
20°	80.5	80.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
22.5°	68.1	65.0	65.0	61.9	58.8	58.8	55.7	58.8	58.8	61.9	65.0
25°	55.7	55.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
27.5°	43.3	43.3	43.3	40.2	40.2	40.2	40.2	40.2	40.2	40.2	43.3
30°	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
32.5°	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
35°	34.1	34.1	34.1	31.0	31.0	31.0	31.0	31.0	31.0	31.0	34.1
37.5°	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
40°	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
42.5°	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
45°	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
47.5°	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
50°	9.3	9.3	9.3	6.2	6.2	6.2	6.2	6.2	6.2	6.2	9.3
52.5°	6.2	6.2	6.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	6.2
55°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
57.5°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
60°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
62.5°	6.2	6.2	6.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	6.2
65°	6.2	6.2	3.1	3.1	0.0	0.0	0.0	0.0	0.0	3.1	3.1
67.5°	3.1	3.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
70°	6.2	6.2	3.1	3.1	0.0	0.0	0.0	0.0	0.0	3.1	3.1
72.5°	6.2	6.2	3.1	3.1	0.0	0.0	0.0	0.0	0.0	3.1	3.1
75°	6.2	6.2	3.1	3.1	0.0	0.0	0.0	0.0	0.0	3.1	3.1
77.5°	6.2	6.2	6.2	3.1	3.1	3.1	0.0	3.1	3.1	3.1	6.2
80°	6.2	6.2	6.2	3.1	3.1	3.1	0.0	3.1	3.1	3.1	6.2
82.5°	6.2	6.2	6.2	3.1	3.1	3.1	0.0	3.1	3.1	3.1	6.2
85°	6.2	6.2	6.2	3.1	3.1	3.1	0.0	3.1	3.1	3.1	6.2
87.5°	6.2	6.2	6.2	3.1	3.1	3.1	0.0	3.1	3.1	3.1	6.2
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: P561064

CATALOG NUMBER: SDL-PA1-80-730-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3
2.5°	566.5	572.7	575.8	581.9	585.0	588.1	612.9	634.6	659.3	681.0	696.5
5°	359.1	362.2	368.4	374.6	377.6	383.8	390.0	396.2	402.4	408.6	417.9
7.5°	216.7	219.8	229.1	235.3	244.5	250.7	260.0	269.3	275.5	284.8	297.2
10°	170.3	170.3	173.3	173.3	176.4	176.4	170.3	167.2	161.0	154.8	170.3
12.5°	130.0	133.1	136.2	136.2	139.3	139.3	139.3	142.4	142.4	142.4	142.4
15°	111.4	111.4	108.3	102.2	99.1	92.9	92.9	96.0	96.0	96.0	99.1
17.5°	96.0	99.1	99.1	99.1	96.0	96.0	92.9	92.9	89.8	86.7	83.6
20°	80.5	80.5	77.4	74.3	68.1	65.0	68.1	71.2	71.2	74.3	74.3
22.5°	65.0	68.1	68.1	68.1	68.1	68.1	65.0	61.9	55.7	52.6	58.8
25°	55.7	55.7	52.6	52.6	49.5	46.4	49.5	52.6	55.7	58.8	58.8
27.5°	43.3	43.3	43.3	46.4	46.4	46.4	46.4	43.3	43.3	40.2	43.3
30°	40.2	40.2	40.2	37.1	37.1	34.1	37.1	37.1	40.2	40.2	40.2
32.5°	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	31.0	31.0	34.1
35°	34.1	34.1	34.1	31.0	31.0	27.9	27.9	27.9	27.9	27.9	31.0
37.5°	27.9	27.9	27.9	27.9	24.8	24.8	24.8	24.8	21.7	21.7	24.8
40°	24.8	24.8	24.8	24.8	21.7	21.7	21.7	21.7	18.6	18.6	21.7
42.5°	21.7	21.7	21.7	21.7	18.6	18.6	18.6	18.6	15.5	15.5	15.5
45°	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	12.4	12.4	12.4
47.5°	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	9.3	9.3	9.3
50°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	6.2	6.2	9.3
52.5°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
55°	3.1	3.1	3.1	6.2	6.2	6.2	6.2	6.2	3.1	3.1	3.1
57.5°	3.1	3.1	3.1	6.2	6.2	6.2	6.2	6.2	3.1	3.1	3.1
60°	3.1	3.1	3.1	6.2	6.2	6.2	6.2	6.2	3.1	3.1	3.1
62.5°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	3.1	3.1	3.1
65°	6.2	6.2	6.2	9.3	9.3	9.3	9.3	6.2	6.2	3.1	3.1
67.5°	3.1	3.1	6.2	6.2	9.3	9.3	9.3	6.2	6.2	3.1	3.1
70°	6.2	6.2	6.2	9.3	9.3	9.3	9.3	9.3	6.2	6.2	6.2
72.5°	6.2	6.2	6.2	9.3	9.3	9.3	9.3	9.3	6.2	6.2	6.2
75°	6.2	6.2	6.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
77.5°	6.2	6.2	6.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
80°	6.2	6.2	6.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
82.5°	6.2	6.2	6.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
85°	6.2	6.2	6.2	9.3	9.3	9.3	9.3	12.4	12.4	12.4	9.3
87.5°	6.2	6.2	6.2	9.3	9.3	9.3	9.3	12.4	12.4	12.4	9.3
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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CATALOG NUMBER: SDL-PA1-80-730-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3
2.5°	708.9	724.3	736.7	749.1	761.5	773.9	786.2	798.6	814.1	826.5	838.9
5°	427.2	436.5	445.7	464.3	482.9	498.4	516.9	560.3	600.5	643.9	684.1
7.5°	309.5	321.9	334.3	349.8	365.3	380.7	396.2	411.7	430.3	445.7	461.2
10°	182.6	198.1	210.5	222.9	238.4	250.7	263.1	275.5	291.0	303.4	315.7
12.5°	142.4	142.4	142.4	148.6	157.9	164.1	170.3	191.9	213.6	235.3	256.9
15°	102.2	105.2	108.3	111.4	114.5	114.5	117.6	133.1	148.6	161.0	176.4
17.5°	83.6	80.5	77.4	83.6	89.8	96.0	102.2	111.4	117.6	126.9	133.1
20°	77.4	77.4	77.4	80.5	83.6	83.6	86.7	89.8	96.0	99.1	102.2
22.5°	61.9	68.1	71.2	71.2	71.2	68.1	68.1	77.4	86.7	96.0	105.2
25°	55.7	55.7	52.6	58.8	61.9	68.1	71.2	74.3	74.3	77.4	77.4
27.5°	46.4	49.5	52.6	55.7	55.7	58.8	58.8	65.0	71.2	77.4	83.6
30°	43.3	43.3	43.3	46.4	52.6	55.7	58.8	65.0	71.2	74.3	80.5
32.5°	34.1	37.1	37.1	40.2	46.4	49.5	52.6	61.9	68.1	77.4	83.6
35°	31.0	34.1	34.1	37.1	40.2	43.3	46.4	55.7	61.9	71.2	77.4
37.5°	24.8	27.9	27.9	31.0	34.1	37.1	40.2	46.4	55.7	61.9	68.1
40°	21.7	24.8	24.8	27.9	31.0	31.0	34.1	40.2	46.4	52.6	58.8
42.5°	18.6	18.6	18.6	21.7	24.8	27.9	31.0	37.1	43.3	46.4	52.6
45°	15.5	15.5	15.5	18.6	21.7	24.8	27.9	34.1	37.1	43.3	46.4
47.5°	12.4	12.4	12.4	15.5	18.6	21.7	24.8	27.9	34.1	37.1	40.2
50°	9.3	12.4	12.4	15.5	18.6	18.6	21.7	24.8	31.0	34.1	37.1
52.5°	9.3	9.3	9.3	12.4	15.5	15.5	18.6	21.7	24.8	27.9	31.0
55°	6.2	6.2	6.2	9.3	12.4	12.4	15.5	18.6	21.7	24.8	27.9
57.5°	6.2	6.2	6.2	9.3	9.3	12.4	12.4	15.5	18.6	21.7	24.8
60°	3.1	3.1	3.1	6.2	6.2	9.3	9.3	12.4	15.5	18.6	21.7
62.5°	3.1	3.1	3.1	6.2	6.2	9.3	9.3	12.4	15.5	18.6	21.7
65°	3.1	3.1	3.1	6.2	6.2	9.3	9.3	12.4	15.5	15.5	18.6
67.5°	3.1	3.1	3.1	3.1	6.2	6.2	6.2	9.3	12.4	15.5	18.6
70°	6.2	3.1	3.1	3.1	6.2	6.2	6.2	9.3	9.3	12.4	12.4
72.5°	6.2	3.1	3.1	3.1	6.2	6.2	6.2	9.3	9.3	12.4	12.4
75°	6.2	6.2	3.1	3.1	6.2	6.2	6.2	6.2	9.3	9.3	9.3
77.5°	6.2	6.2	3.1	3.1	6.2	6.2	6.2	6.2	9.3	9.3	9.3
80°	6.2	6.2	3.1	3.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2
82.5°	6.2	6.2	3.1	3.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2
85°	9.3	6.2	3.1	3.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2
87.5°	9.3	6.2	3.1	6.2	6.2	9.3	9.3	9.3	9.3	6.2	6.2
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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CATALOG NUMBER: SDL-PA1-80-730-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3
2.5°	857.4	872.9	891.5	907.0	925.5	944.1	962.7	981.3	999.8	1018.4	1037.0
5°	715.1	749.1	780.1	811.0	845.1	882.2	916.3	950.3	987.5	1024.6	1058.6
7.5°	501.5	541.7	581.9	622.2	671.7	721.2	767.7	817.2	863.6	910.1	956.5
10°	343.6	371.5	396.2	424.1	489.1	554.1	619.1	684.1	742.9	798.6	851.3
12.5°	275.5	297.2	315.7	334.3	396.2	461.2	523.1	585.0	643.9	702.7	755.3
15°	226.0	272.4	321.9	368.4	461.2	551.0	643.9	733.6	823.4	913.2	981.3
17.5°	176.4	219.8	263.1	306.5	393.1	476.7	563.4	647.0	727.4	807.9	882.2
20°	151.7	201.2	250.7	300.3	417.9	535.5	653.1	770.8	891.5	1009.1	1105.1
22.5°	136.2	167.2	195.0	226.0	306.5	383.8	464.3	541.7	637.7	730.5	804.8
25°	114.5	151.7	188.8	226.0	359.1	492.2	625.3	758.4	922.4	1086.5	1216.5
27.5°	111.4	139.3	167.2	195.0	368.4	541.7	715.1	888.4	1095.8	1303.2	1476.5
30°	105.2	130.0	151.7	176.4	380.7	585.0	789.3	993.6	1287.7	1578.7	1786.1
32.5°	99.1	114.5	126.9	142.4	346.7	554.1	758.4	962.7	1306.3	1646.8	1882.0
35°	86.7	99.1	108.3	117.6	321.9	526.2	727.4	931.7	1324.9	1714.9	1981.1
37.5°	77.4	86.7	96.0	105.2	303.4	498.4	696.5	891.5	1343.4	1795.4	2095.6
40°	68.1	77.4	86.7	96.0	284.8	473.6	659.3	848.2	1362.0	1875.9	2207.1
42.5°	61.9	71.2	80.5	89.8	269.3	448.8	625.3	804.8	1383.7	1962.5	2330.9
45°	55.7	65.0	71.2	80.5	247.6	414.8	581.9	749.1	1414.6	2080.2	2479.5
47.5°	49.5	58.8	68.1	77.4	232.2	386.9	538.6	693.4	1445.6	2197.8	2640.4
50°	46.4	55.7	61.9	71.2	219.8	368.4	516.9	665.5	1507.5	2346.4	2835.4
52.5°	40.2	49.5	55.7	65.0	210.5	352.9	498.4	640.8	1581.8	2519.7	3067.6
55°	37.1	43.3	52.6	58.8	195.0	328.1	464.3	597.4	1597.3	2594.0	3200.7
57.5°	31.0	40.2	46.4	52.6	179.5	306.5	430.3	557.2	1625.1	2690.0	3327.6
60°	27.9	34.1	40.2	46.4	164.1	284.8	402.4	520.0	1659.2	2798.3	3485.5
62.5°	27.9	31.0	37.1	40.2	148.6	260.0	368.4	476.7	1714.9	2950.0	3711.5
65°	24.8	27.9	34.1	37.1	136.2	238.4	337.4	436.5	1767.5	3095.5	3977.7
67.5°	21.7	27.9	31.0	34.1	123.8	210.5	300.3	386.9	1767.5	3148.1	4188.2
70°	18.6	21.7	27.9	31.0	102.2	170.3	241.4	309.5	1640.6	2971.6	4154.1
72.5°	15.5	18.6	21.7	24.8	68.1	111.4	151.7	195.0	1337.2	2479.5	3692.9
75°	12.4	15.5	15.5	18.6	37.1	58.8	77.4	96.0	947.2	1795.4	2755.0
77.5°	12.4	12.4	15.5	15.5	24.8	37.1	46.4	55.7	470.5	882.2	1414.6
80°	9.3	9.3	12.4	12.4	18.6	24.8	27.9	34.1	111.4	185.7	300.3
82.5°	6.2	9.3	9.3	9.3	12.4	15.5	15.5	18.6	24.8	31.0	49.5
85°	6.2	6.2	6.2	6.2	6.2	9.3	9.3	9.3	12.4	12.4	18.6
87.5°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	9.3
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: P561064

CATALOG NUMBER: SDL-PA1-80-730-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3
2.5°	1052.5	1067.9	1080.3	1095.8	1114.4	1126.7	1139.1	1151.5	1163.9	1176.3	1188.7
5°	1089.6	1120.6	1148.4	1179.4	1210.3	1228.9	1247.5	1266.0	1284.6	1250.6	1216.5
7.5°	1002.9	1040.1	1077.2	1114.4	1142.2	1132.9	1123.7	1114.4	1105.1	1145.3	1182.5
10°	900.8	931.7	965.8	996.7	919.4	934.8	947.2	962.7	975.1	996.7	1018.4
12.5°	807.9	798.6	792.4	783.2	807.9	869.8	931.7	990.5	1052.5	1061.7	1074.1
15°	1049.4	1055.6	1061.7	1067.9	1074.1	1043.2	1012.2	978.2	947.2	956.5	965.8
17.5°	956.5	965.8	978.2	987.5	1021.5	1043.2	1061.7	1083.4	1102.0	1142.2	1182.5
20°	1197.9	1219.6	1238.2	1259.9	1188.7	1148.4	1105.1	1064.8	1021.5	1064.8	1108.2
22.5°	879.1	984.4	1089.6	1194.9	1173.2	1241.3	1309.4	1374.4	1442.5	1371.3	1300.1
25°	1343.4	1393.0	1445.6	1495.1	1526.1	1458.0	1389.9	1321.8	1253.7	1306.3	1358.9
27.5°	1649.9	1637.5	1625.1	1612.7	1674.6	1649.9	1625.1	1597.3	1572.5	1523.0	1470.3
30°	1990.4	2089.4	2188.5	2287.5	2312.3	2200.9	2086.3	1974.9	1860.4	1798.5	1733.5
32.5°	2114.2	2238.0	2358.7	2482.6	2476.4	2411.4	2346.4	2278.3	2213.3	2104.9	1999.7
35°	2247.3	2386.6	2522.8	2662.1	2717.8	2621.9	2522.8	2426.8	2327.8	2253.5	2179.2
37.5°	2392.8	2544.5	2696.2	2847.8	2968.6	2847.8	2730.2	2609.5	2488.8	2411.4	2334.0
40°	2535.2	2742.6	2946.9	3154.3	3160.5	3039.7	2915.9	2795.2	2671.4	2587.8	2504.2
42.5°	2696.2	2931.4	3163.6	3398.8	3401.9	3271.9	3145.0	3015.0	2885.0	2801.4	2717.8
45°	2875.7	3141.9	3405.0	3671.2	3655.7	3507.2	3358.6	3210.0	3061.4	2987.1	2909.7
47.5°	3083.1	3371.0	3658.8	3946.7	4042.7	3841.5	3637.2	3436.0	3231.7	3163.6	3095.5
50°	3321.4	3631.0	3940.5	4250.1	4377.0	4138.6	3900.3	3658.8	3420.5	3352.4	3284.3
52.5°	3612.4	3931.2	4247.0	4565.8	4695.8	4435.8	4175.8	3915.8	3655.7	3572.2	3488.6
55°	3804.3	4172.7	4538.0	4906.3	5054.9	4767.0	4479.1	4188.2	3900.3	3785.8	3668.1
57.5°	3965.3	4342.9	4717.5	5095.1	5243.7	4946.6	4649.4	4349.1	4052.0	3912.7	3773.4
60°	4169.6	4553.4	4940.4	5324.2	5451.1	5129.2	4807.3	4482.2	4160.3	3999.3	3841.5
62.5°	4469.9	4835.1	5200.4	5565.6	5649.2	5305.6	4965.1	4621.5	4277.9	4073.6	3869.3
65°	4859.9	5225.1	5593.5	5958.8	6048.5	5639.9	5234.4	4825.8	4417.2	4147.9	3878.6
67.5°	5225.1	5643.0	6064.0	6481.9	6571.7	6067.1	5559.5	5054.9	4547.2	4194.4	3841.5
70°	5333.5	5828.8	6324.0	6819.3	6936.9	6342.6	5748.3	5150.9	4556.5	4113.9	3674.3
72.5°	4906.3	5469.7	6030.0	6593.3	6816.2	6181.6	5547.1	4909.4	4274.8	3776.5	3281.2
75°	3711.5	4262.5	4816.5	5367.5	5652.3	5095.1	4541.0	3983.9	3426.7	2971.6	2519.7
77.5°	1947.0	2361.8	2773.5	3188.3	3699.1	3265.7	2829.3	2395.9	1959.4	1680.8	1399.2
80°	411.7	554.1	693.4	835.8	1123.7	1021.5	922.4	820.3	718.1	603.6	486.0
82.5°	68.1	89.8	111.4	133.1	167.2	167.2	170.3	170.3	170.3	148.6	123.8
85°	21.7	27.9	34.1	40.2	40.2	43.3	43.3	46.4	46.4	46.4	43.3
87.5°	9.3	9.3	12.4	12.4	12.4	12.4	15.5	15.5	15.5	15.5	15.5
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):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3
2.5°	1201.0	1213.4	1222.7	1235.1	1244.4	1253.7	1259.9	1263.0	1269.1	1272.2	1266.0
5°	1179.4	1145.3	1157.7	1170.1	1179.4	1191.8	1201.0	1210.3	1216.5	1225.8	1232.0
7.5°	1222.7	1259.9	1275.3	1290.8	1306.3	1321.8	1331.1	1340.3	1346.5	1355.8	1358.9
10°	1040.1	1061.7	1108.2	1157.7	1204.1	1250.6	1235.1	1219.6	1204.1	1188.7	1256.8
12.5°	1083.4	1092.7	1120.6	1145.3	1173.2	1197.9	1250.6	1300.1	1352.7	1402.2	1433.2
15°	975.1	984.4	1058.6	1129.8	1204.1	1275.3	1253.7	1232.0	1210.3	1188.7	1222.7
17.5°	1219.6	1259.9	1188.7	1114.4	1043.2	968.9	1055.6	1145.3	1232.0	1318.7	1349.6
20°	1151.5	1194.9	1232.0	1269.1	1306.3	1343.4	1312.5	1284.6	1253.7	1222.7	1197.9
22.5°	1225.8	1154.6	1197.9	1244.4	1287.7	1331.1	1309.4	1290.8	1269.1	1247.5	1297.0
25°	1408.4	1461.1	1393.0	1324.9	1256.8	1188.7	1266.0	1343.4	1417.7	1495.1	1445.6
27.5°	1420.8	1368.2	1430.1	1488.9	1550.8	1609.6	1544.6	1482.7	1417.7	1352.7	1423.9
30°	1671.6	1606.5	1588.0	1569.4	1550.8	1532.3	1566.3	1600.4	1631.3	1665.4	1674.6
32.5°	1891.3	1783.0	1810.8	1841.8	1869.7	1897.5	1872.8	1851.1	1826.3	1801.6	1906.8
35°	2104.9	2030.6	2043.0	2055.4	2067.8	2080.2	2086.3	2089.4	2095.6	2098.7	2234.9
37.5°	2253.5	2176.1	2219.4	2262.8	2306.1	2349.5	2349.5	2346.4	2346.4	2343.3	2498.0
40°	2417.6	2334.0	2395.9	2454.7	2516.6	2575.4	2587.8	2600.2	2612.6	2625.0	2767.3
42.5°	2631.1	2547.6	2600.2	2649.7	2702.3	2751.9	2773.5	2795.2	2813.8	2835.4	2977.8
45°	2835.4	2758.1	2798.3	2838.5	2878.8	2919.0	2937.6	2956.2	2974.7	2993.3	3157.4
47.5°	3027.4	2959.3	2984.0	3005.7	3030.5	3052.1	3067.6	3080.0	3095.5	3107.8	3271.9
50°	3216.2	3148.1	3154.3	3160.5	3163.6	3169.8	3175.9	3185.2	3191.4	3197.6	3389.5
52.5°	3401.9	3318.3	3302.9	3287.4	3271.9	3256.4	3256.4	3253.3	3253.3	3250.2	3398.8
55°	3553.6	3436.0	3398.8	3358.6	3321.4	3281.2	3265.7	3250.2	3231.7	3216.2	3293.6
57.5°	3631.0	3491.7	3436.0	3377.2	3321.4	3262.6	3210.0	3154.3	3101.7	3045.9	3033.6
60°	3680.5	3519.5	3432.9	3343.1	3256.4	3166.7	3036.7	2906.6	2776.6	2646.6	2578.5
62.5°	3661.9	3457.6	3324.5	3188.3	3055.2	2919.0	2717.8	2516.6	2312.3	2111.1	2015.1
65°	3606.2	3336.9	3145.0	2950.0	2758.1	2563.0	2321.6	2080.2	1838.7	1597.3	1507.5
67.5°	3488.6	3135.7	2866.4	2600.2	2330.9	2061.6	1817.0	1572.5	1328.0	1083.4	1018.4
70°	3231.7	2789.0	2473.3	2154.4	1838.7	1519.9	1312.5	1102.0	894.6	684.1	653.1
72.5°	2782.8	2284.5	1962.5	1643.7	1321.8	999.8	857.4	715.1	572.7	430.3	421.0
75°	2064.7	1609.6	1362.0	1111.3	863.6	612.9	529.3	448.8	365.3	281.7	284.8
77.5°	1120.6	838.9	721.2	603.6	482.9	365.3	325.0	284.8	244.5	204.3	210.5
80°	371.5	253.8	235.3	216.7	198.1	179.5	164.1	148.6	133.1	117.6	123.8
82.5°	102.2	77.4	83.6	92.9	99.1	105.2	105.2	105.2	102.2	102.2	102.2
85°	43.3	40.2	37.1	37.1	34.1	31.0	37.1	43.3	49.5	55.7	58.8
87.5°	12.4	12.4	12.4	9.3	9.3	6.2	6.2	6.2	6.2	6.2	9.3
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):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3	1015.3
2.5°	1263.0	1256.8	1250.6	1241.3	1235.1	1225.8	1216.5	1207.2	1197.9	1185.6	1176.3
5°	1238.2	1244.4	1250.6	1253.7	1259.9	1263.0	1266.0	1269.1	1272.2	1272.2	1275.3
7.5°	1358.9	1362.0	1362.0	1343.4	1328.0	1309.4	1290.8	1287.7	1287.7	1284.6	1281.5
10°	1328.0	1396.1	1464.2	1464.2	1461.1	1461.1	1458.0	1458.0	1461.1	1461.1	1461.1
12.5°	1464.2	1495.1	1526.1	1513.7	1504.4	1492.0	1479.6	1427.0	1371.3	1318.7	1263.0
15°	1256.8	1287.7	1321.8	1368.2	1414.6	1461.1	1507.5	1504.4	1504.4	1501.3	1498.2
17.5°	1377.5	1408.4	1436.3	1414.6	1393.0	1368.2	1346.5	1306.3	1266.0	1225.8	1185.6
20°	1176.3	1151.5	1126.7	1225.8	1324.9	1423.9	1523.0	1519.9	1519.9	1516.8	1513.7
22.5°	1346.5	1393.0	1442.5	1405.3	1368.2	1331.1	1293.9	1287.7	1278.4	1272.2	1263.0
25°	1396.1	1343.4	1293.9	1386.8	1482.7	1575.6	1668.5	1683.9	1699.4	1711.8	1727.3
27.5°	1498.2	1569.4	1640.6	1622.0	1603.5	1581.8	1563.2	1575.6	1588.0	1600.4	1612.7
30°	1687.0	1696.3	1705.6	1841.8	1981.1	2117.3	2253.5	2272.1	2287.5	2306.1	2321.6
32.5°	2012.1	2114.2	2219.4	2303.0	2389.7	2473.3	2556.9	2668.3	2782.8	2894.3	3005.7
35°	2374.2	2510.4	2646.6	2807.6	2971.6	3132.6	3293.6	3333.8	3377.2	3417.4	3457.6
37.5°	2652.8	2807.6	2962.4	3129.5	3293.6	3460.7	3624.8	3655.7	3686.7	3717.7	3748.6
40°	2909.7	3052.1	3194.5	3371.0	3547.4	3723.8	3900.3	3925.1	3949.8	3974.6	3999.3
42.5°	3120.2	3259.5	3401.9	3578.4	3754.8	3931.2	4107.7	4129.4	4147.9	4169.6	4188.2
45°	3321.4	3485.5	3649.6	3804.3	3959.1	4110.8	4265.6	4281.0	4293.4	4308.9	4321.3
47.5°	3439.1	3603.1	3767.2	3912.7	4058.2	4200.5	4346.0	4346.0	4346.0	4346.0	4346.0
50°	3581.5	3770.3	3962.2	4036.5	4107.7	4182.0	4253.2	4237.7	4222.2	4203.6	4188.2
52.5°	3544.3	3692.9	3838.4	3866.2	3894.1	3922.0	3949.8	3909.6	3872.4	3832.2	3791.9
55°	3371.0	3445.3	3522.6	3476.2	3426.7	3380.2	3330.7	3216.2	3101.7	2987.1	2872.6
57.5°	3021.2	3008.8	2996.4	2872.6	2751.9	2628.1	2504.2	2429.9	2358.7	2284.5	2210.2
60°	2513.5	2445.4	2377.3	2265.9	2154.4	2043.0	1931.6	1891.3	1848.0	1807.8	1764.4
62.5°	1919.2	1823.2	1727.3	1671.6	1615.8	1560.1	1504.4	1464.2	1420.8	1380.6	1337.2
65°	1420.8	1331.1	1241.3	1194.9	1148.4	1098.9	1052.5	1024.6	996.7	965.8	937.9
67.5°	956.5	891.5	826.5	798.6	767.7	739.8	708.9	696.5	681.0	668.6	653.1
70°	619.1	588.1	554.1	541.7	532.4	520.0	507.7	495.3	482.9	470.5	458.1
72.5°	411.7	402.4	393.1	386.9	380.7	374.6	368.4	362.2	352.9	346.7	337.4
75°	284.8	287.9	287.9	284.8	284.8	281.7	278.6	253.8	229.1	204.3	179.5
77.5°	213.6	219.8	222.9	207.4	191.9	173.3	157.9	154.8	151.7	148.6	145.5
80°	133.1	139.3	145.5	139.3	136.2	130.0	123.8	117.6	111.4	105.2	99.1
82.5°	102.2	102.2	102.2	96.0	89.8	80.5	74.3	71.2	68.1	65.0	61.9
85°	61.9	65.0	68.1	61.9	52.6	46.4	37.1	31.0	24.8	18.6	12.4
87.5°	9.3	12.4	12.4	12.4	9.3	9.3	6.2	6.2	6.2	3.1	3.1
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°	1015.3	1015.3
2.5°	1151.5	1126.7
5°	1278.4	1281.5
7.5°	1204.1	1123.7
10°	1461.1	1461.1
12.5°	1247.5	1228.9
15°	1492.0	1485.8
17.5°	1182.5	1176.3
20°	1510.6	1507.5
22.5°	1263.0	1259.9
25°	1730.4	1730.4
27.5°	1612.7	1609.6
30°	2321.6	2321.6
32.5°	3064.5	3120.2
35°	3466.9	3476.2
37.5°	3764.1	3776.5
40°	4008.6	4017.9
42.5°	4191.3	4191.3
45°	4321.3	4321.3
47.5°	4342.9	4339.8
50°	4178.9	4169.6
52.5°	3754.8	3714.6
55°	2850.9	2826.2
57.5°	2204.0	2194.7
60°	1764.4	1764.4
62.5°	1324.9	1312.5
65°	925.5	910.1
67.5°	647.0	640.8
70°	458.1	455.0
72.5°	334.3	331.2
75°	176.4	170.3
77.5°	145.5	142.4
80°	102.2	102.2
82.5°	61.9	58.8
85°	9.3	6.2
87.5°	3.1	3.1
90°	0.0	0.0



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