

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: P559832

Luminaire Tested: **SDL-PA1-100-730-U-T2R-HSS**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P559832
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-PA1-100-730-U-T2R-HSS
Description: Springdale
(1) 70 CRI, 3000K, 1200mA 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: 7652.7 lumens
Efficiency: N/A
Efficacy: 81.6 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): 93.8
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



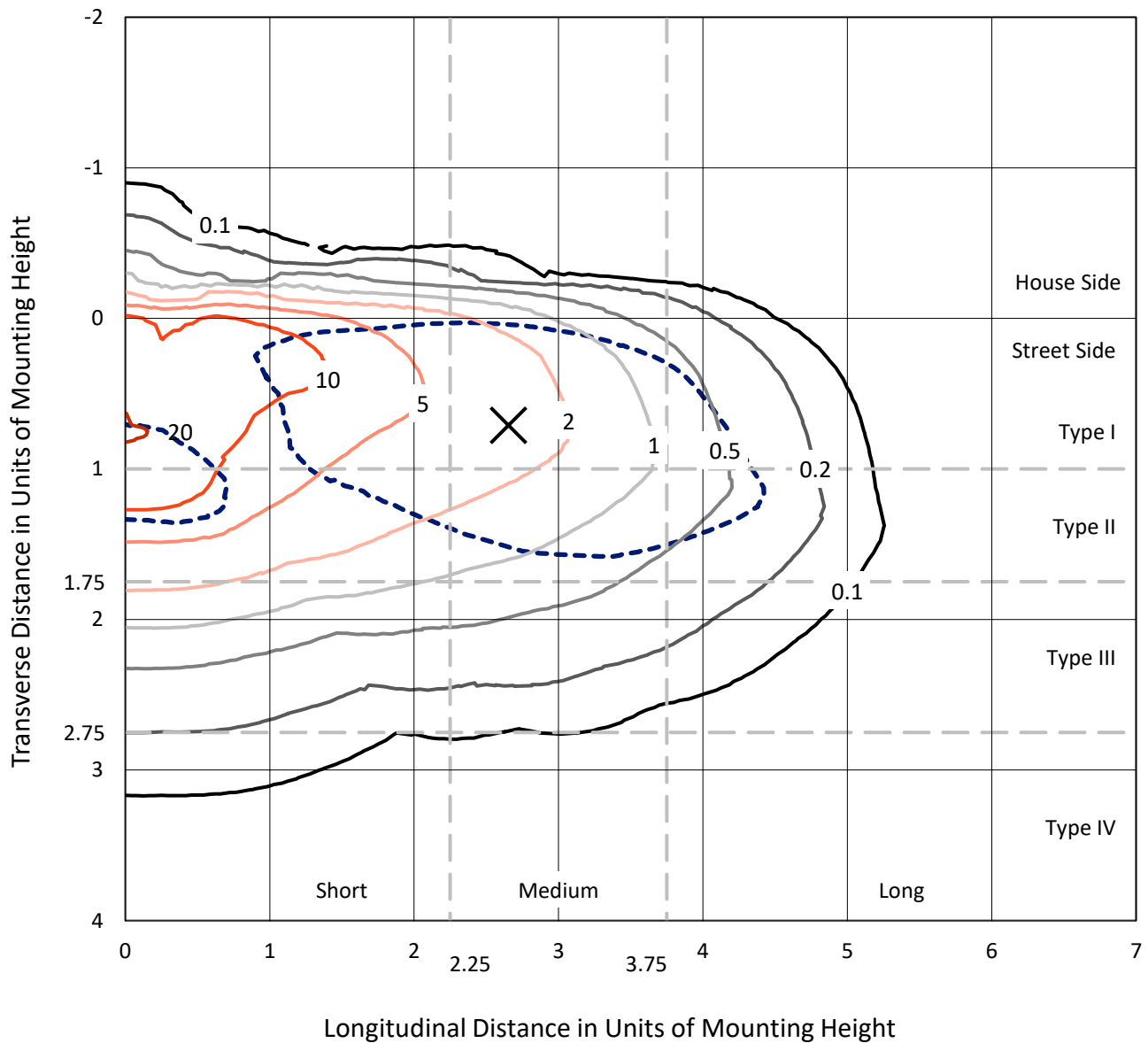
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

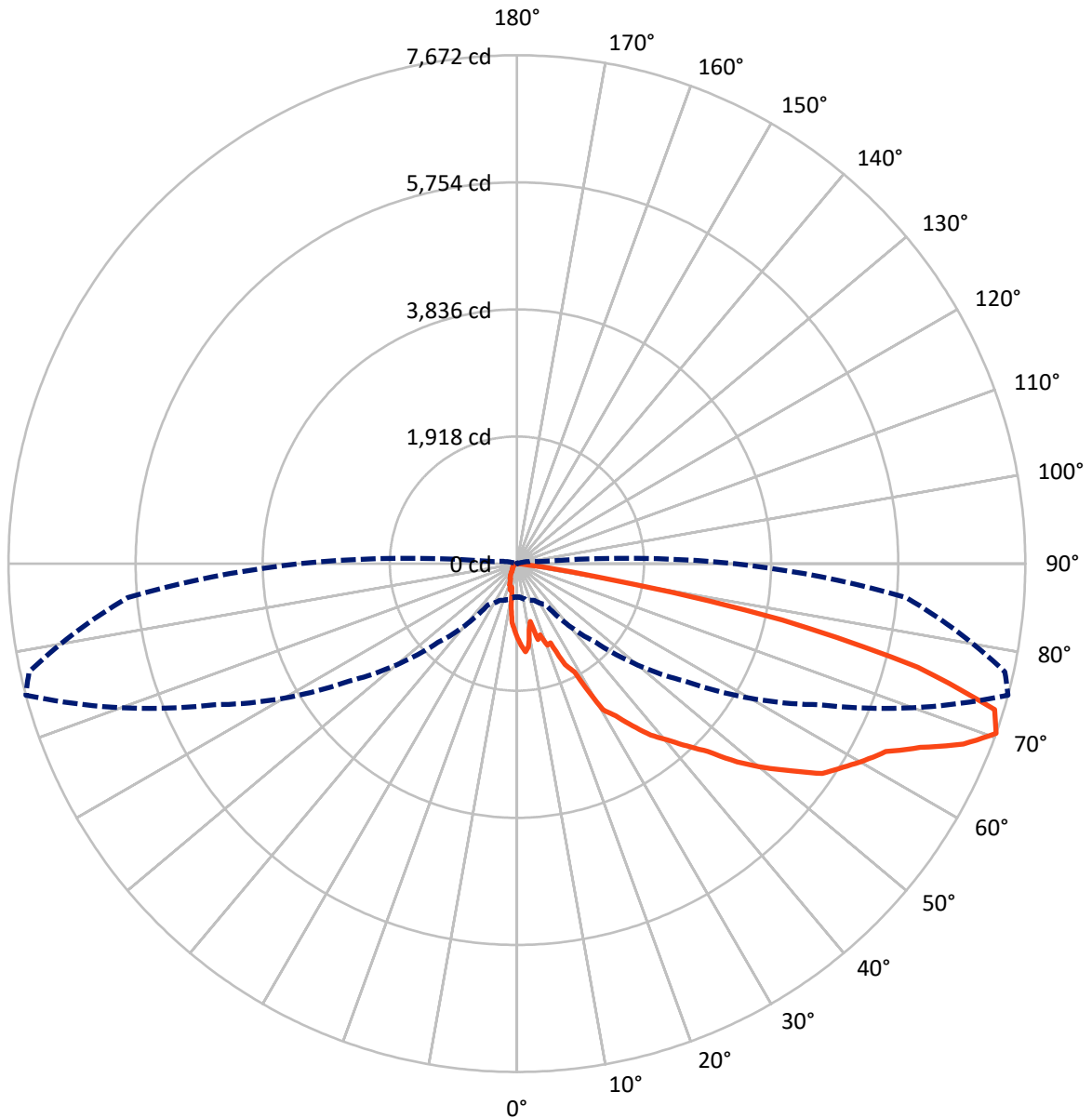


Based on 10 foot mounting height. Maximum calculated value = 21 fc

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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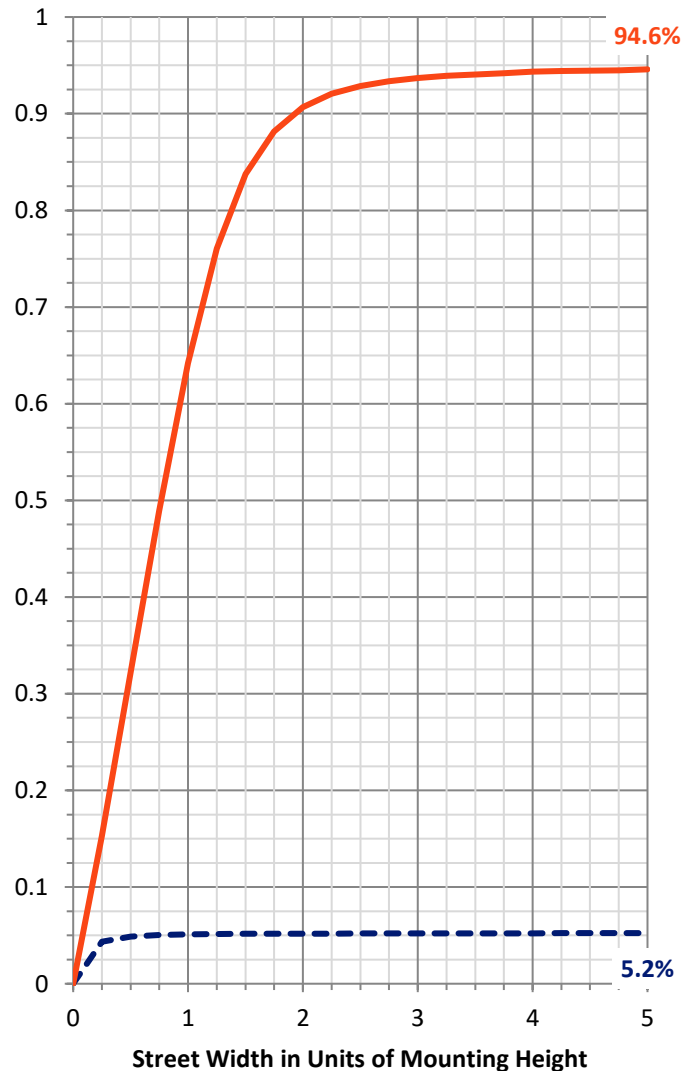
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	404.3	0.0	404.3
	% Fixture	5.3	0.0	5.3
Street Side	Lumens	7248.4	0.0	7248.4
	% Fixture	94.7	0.0	94.7
Total	Lumens	7652.7	0.0	7652.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.7	1.2
10°-20°	220.8	2.9
20°-30°	419.8	5.5
30°-40°	932.7	12.2
40°-50°	1503.8	19.7
50°-60°	1812.5	23.7
60°-70°	1642.7	21.5
70°-80°	979.0	12.8
80°-90°	52.8	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°	7652.7	100.0
0°-180°	7652.7	100.0



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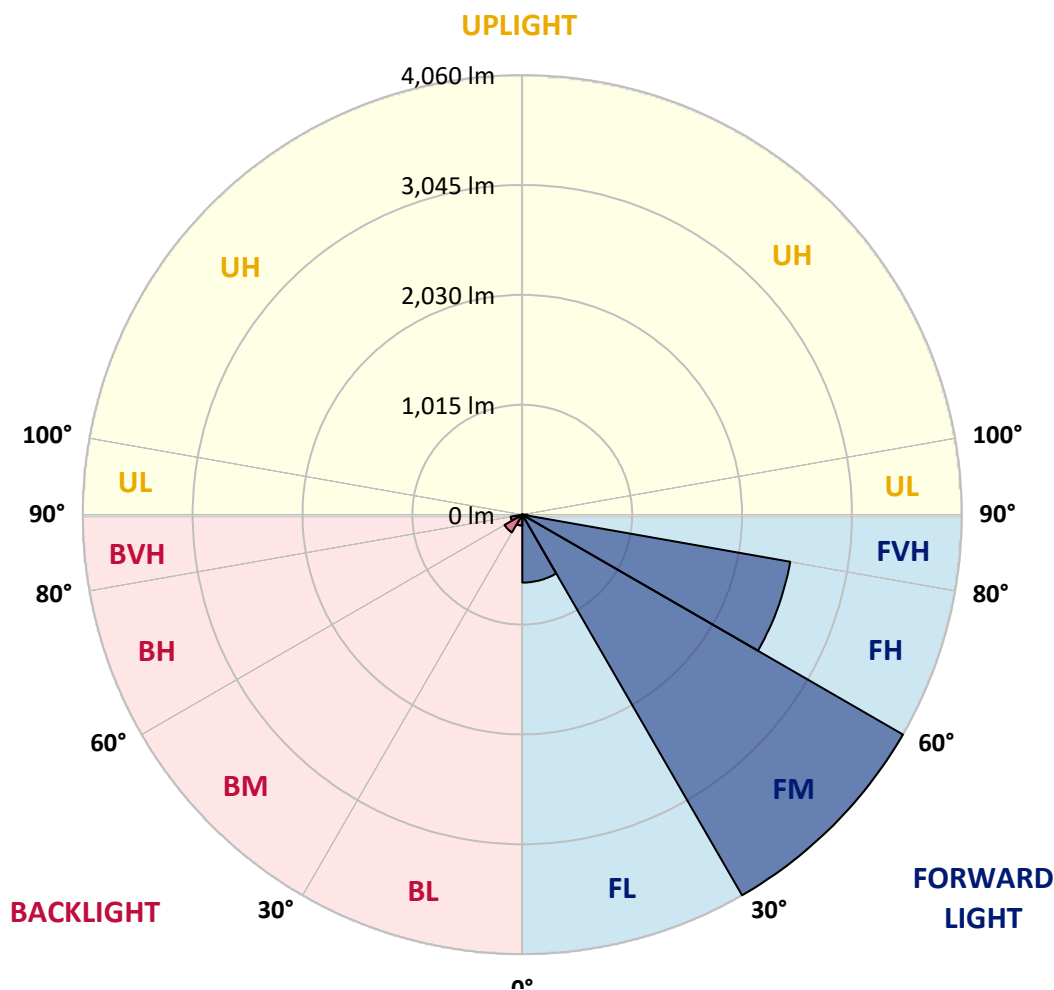
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	627.7	8.2			
FM	(30°-60°)	4059.8	53.1			
FH	(60°-80°)	2512.7	32.8			G2/5000
FVH	(80°-90°)	48.2	0.6			G1/100
BL	(0°-30°)	101.6	1.3	B0/110		
BM	(30°-60°)	189.2	2.5	B0/220		
BH	(60°-80°)	108.9	1.4	B0/110		G0/110
BVH	(80°-90°)	4.5	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°	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9
2.5°	1246.1	1273.5	1300.9	1311.2	1324.9	1335.1	1345.4	1355.7	1366.0	1372.8	1383.1
5°	1417.3	1413.9	1410.5	1407.0	1407.0	1403.6	1400.2	1396.8	1393.3	1386.5	1383.1
7.5°	1242.7	1331.7	1417.3	1420.7	1424.1	1424.1	1427.6	1448.1	1468.7	1485.8	1506.3
10°	1615.9	1615.9	1615.9	1615.9	1615.9	1612.4	1612.4	1615.9	1615.9	1619.3	1619.3
12.5°	1359.1	1379.6	1396.8	1458.4	1516.6	1578.2	1636.4	1650.1	1663.8	1674.1	1687.8
15°	1643.2	1650.1	1656.9	1660.4	1663.8	1663.8	1667.2	1615.9	1564.5	1513.2	1461.8
17.5°	1300.9	1307.8	1311.2	1355.7	1400.2	1444.7	1489.2	1513.2	1540.5	1564.5	1588.5
20°	1667.2	1670.6	1674.1	1677.5	1680.9	1680.9	1684.3	1574.8	1465.2	1355.7	1246.1
22.5°	1393.3	1396.8	1396.8	1407.0	1413.9	1424.1	1431.0	1472.1	1513.2	1554.2	1595.3
25°	1913.7	1913.7	1910.3	1893.2	1879.5	1862.3	1845.2	1742.5	1639.8	1533.7	1431.0
27.5°	1780.2	1783.6	1783.6	1769.9	1756.2	1742.5	1728.8	1749.4	1773.3	1793.9	1814.4
30°	2567.6	2567.6	2567.6	2550.5	2529.9	2512.8	2492.3	2341.6	2191.0	2036.9	1886.3
32.5°	3450.8	3389.2	3324.2	3200.9	3077.7	2951.0	2827.8	2735.3	2642.9	2547.0	2454.6
35°	3844.5	3834.2	3824.0	3779.5	3735.0	3687.0	3642.5	3464.5	3286.5	3105.1	2927.0
37.5°	4176.6	4162.9	4145.8	4111.5	4077.3	4043.1	4008.8	3827.4	3642.5	3461.1	3276.2
40°	4443.6	4433.3	4423.1	4395.7	4368.3	4340.9	4313.5	4118.4	3923.3	3728.1	3533.0
42.5°	4635.3	4635.3	4631.9	4611.4	4587.4	4566.9	4542.9	4347.8	4152.6	3957.5	3762.4
45°	4779.1	4779.1	4779.1	4765.4	4748.3	4734.6	4717.5	4546.3	4378.6	4207.4	4036.2
47.5°	4799.7	4803.1	4806.5	4806.5	4806.5	4806.5	4806.5	4645.6	4488.1	4327.2	4166.3
50°	4611.4	4621.6	4631.9	4649.0	4669.6	4686.7	4703.8	4625.1	4542.9	4464.2	4382.0
52.5°	4108.1	4152.6	4193.7	4238.2	4282.7	4323.8	4368.3	4337.5	4306.7	4275.9	4245.1
55°	3125.6	3153.0	3176.9	3303.6	3430.3	3556.9	3683.6	3738.4	3789.7	3844.5	3895.9
57.5°	2427.2	2437.5	2444.3	2526.5	2608.7	2687.4	2769.6	2906.5	3043.4	3176.9	3313.9
60°	1951.4	1951.4	1951.4	1999.3	2043.8	2091.7	2136.2	2259.5	2382.7	2506.0	2629.2
62.5°	1451.5	1465.2	1478.9	1526.9	1571.4	1619.3	1663.8	1725.4	1787.0	1848.7	1910.3
65°	1006.5	1023.6	1037.3	1068.1	1102.3	1133.2	1164.0	1215.3	1270.1	1321.4	1372.8
67.5°	708.7	715.5	722.3	739.5	753.2	770.3	784.0	818.2	849.0	883.2	914.1
70°	503.2	506.7	506.7	520.4	534.1	547.7	561.4	575.1	588.8	599.1	612.8
72.5°	366.3	369.7	373.2	383.4	390.3	400.5	407.4	414.2	421.1	427.9	434.8
75°	188.3	195.1	198.6	225.9	253.3	280.7	308.1	311.5	315.0	315.0	318.4
77.5°	157.5	160.9	160.9	164.3	167.7	171.2	174.6	191.7	212.3	229.4	246.5
80°	113.0	113.0	109.5	116.4	123.2	130.1	136.9	143.8	150.6	154.1	160.9
82.5°	65.0	68.5	68.5	71.9	75.3	78.7	82.2	89.0	99.3	106.1	113.0
85°	6.8	10.3	13.7	20.5	27.4	34.2	41.1	51.4	58.2	68.5	75.3
87.5°	3.4	3.4	3.4	3.4	6.8	6.8	6.8	10.3	10.3	13.7	13.7
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°	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9
2.5°	1389.9	1396.8	1400.2	1407.0	1403.6	1396.8	1393.3	1386.5	1376.2	1366.0	1352.3
5°	1376.2	1369.4	1362.5	1355.7	1345.4	1338.6	1328.3	1318.0	1304.3	1294.1	1280.4
7.5°	1506.3	1502.9	1502.9	1499.5	1489.2	1482.3	1472.1	1461.8	1444.7	1427.6	1410.5
10°	1544.0	1468.7	1389.9	1314.6	1331.7	1348.8	1366.0	1383.1	1331.7	1280.4	1225.6
12.5°	1653.5	1619.3	1585.1	1550.8	1496.0	1437.8	1383.1	1324.9	1297.5	1266.7	1239.3
15°	1424.1	1389.9	1352.3	1314.6	1338.6	1362.5	1386.5	1410.5	1331.7	1249.6	1170.8
17.5°	1557.7	1523.4	1492.6	1458.4	1362.5	1266.7	1167.4	1071.5	1153.7	1232.4	1314.6
20°	1273.5	1300.9	1324.9	1352.3	1386.5	1420.7	1451.5	1485.8	1444.7	1403.6	1362.5
22.5°	1540.5	1489.2	1434.4	1379.6	1403.6	1427.6	1448.1	1472.1	1424.1	1376.2	1324.9
25°	1485.8	1544.0	1598.7	1653.5	1567.9	1485.8	1400.2	1314.6	1389.9	1465.2	1540.5
27.5°	1735.7	1656.9	1574.8	1496.0	1567.9	1639.8	1708.3	1780.2	1715.1	1646.7	1581.6
30°	1876.0	1865.8	1852.1	1841.8	1804.2	1769.9	1732.3	1694.6	1715.1	1735.7	1756.2
32.5°	2338.2	2225.2	2108.8	1992.4	2019.8	2047.2	2071.2	2098.6	2067.8	2036.9	2002.7
35°	2776.4	2625.8	2471.7	2321.1	2317.7	2310.8	2307.4	2300.5	2286.9	2273.2	2259.5
37.5°	3105.1	2933.9	2762.7	2591.5	2595.0	2595.0	2598.4	2598.4	2550.5	2502.5	2454.6
40°	3375.5	3218.0	3060.6	2903.1	2889.4	2875.7	2862.0	2848.3	2783.3	2714.8	2649.7
42.5°	3604.9	3450.8	3293.3	3135.9	3111.9	3091.4	3067.4	3043.4	2988.7	2930.5	2875.7
45°	3854.8	3673.3	3491.9	3310.5	3289.9	3269.4	3248.8	3228.3	3183.8	3139.3	3094.8
47.5°	3984.9	3803.4	3618.6	3437.1	3423.4	3406.3	3392.6	3375.5	3351.5	3324.2	3300.2
50°	4169.7	3960.9	3748.7	3536.4	3529.6	3522.7	3512.4	3505.6	3498.8	3495.3	3488.5
52.5°	4084.2	3919.8	3758.9	3594.6	3598.0	3598.0	3601.5	3601.5	3618.6	3635.7	3652.8
55°	3810.3	3728.1	3642.5	3556.9	3574.1	3594.6	3611.7	3628.8	3673.3	3714.4	3758.9
57.5°	3327.6	3341.3	3355.0	3368.7	3430.3	3488.5	3550.1	3608.3	3673.3	3735.0	3800.0
60°	2704.5	2779.8	2851.7	2927.0	3070.8	3214.6	3358.4	3502.2	3601.5	3697.3	3796.6
62.5°	2016.4	2122.5	2228.7	2334.8	2557.3	2783.3	3005.8	3228.3	3378.9	3526.1	3676.8
65°	1472.1	1571.4	1667.2	1766.5	2033.5	2300.5	2567.6	2834.6	3050.3	3262.5	3478.2
67.5°	985.9	1057.8	1126.3	1198.2	1468.7	1739.1	2009.6	2280.0	2577.8	2875.7	3170.1
70°	650.5	684.7	722.3	756.6	989.4	1218.7	1451.5	1680.9	2033.5	2382.7	2735.3
72.5°	445.0	455.3	465.6	475.9	633.3	790.8	948.3	1105.8	1461.8	1817.8	2170.5
75°	318.4	315.0	315.0	311.5	404.0	496.4	585.4	677.8	955.1	1229.0	1506.3
77.5°	243.1	236.2	232.8	225.9	270.5	315.0	359.5	404.0	534.1	667.6	797.7
80°	154.1	147.2	136.9	130.1	147.2	164.3	181.4	198.6	219.1	239.6	260.2
82.5°	113.0	113.0	113.0	113.0	113.0	116.4	116.4	116.4	109.5	102.7	92.4
85°	71.9	68.5	65.0	61.6	54.8	47.9	41.1	34.2	37.7	41.1	41.1
87.5°	13.7	10.3	10.3	6.8	6.8	6.8	6.8	6.8	10.3	10.3	13.7
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°	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9
2.5°	1342.0	1328.3	1314.6	1300.9	1287.2	1273.5	1259.8	1246.1	1232.4	1211.9	1194.8
5°	1266.7	1304.3	1345.4	1383.1	1420.7	1400.2	1379.6	1359.1	1338.6	1304.3	1270.1
7.5°	1393.3	1348.8	1307.8	1266.7	1222.2	1232.4	1242.7	1253.0	1263.2	1232.4	1191.4
10°	1174.2	1150.3	1126.3	1102.3	1078.4	1064.7	1047.6	1033.9	1016.8	1102.3	1068.1
12.5°	1208.5	1198.2	1187.9	1174.2	1164.0	1095.5	1030.5	962.0	893.5	866.1	876.4
15°	1088.7	1078.4	1068.1	1057.8	1047.6	1081.8	1119.5	1153.7	1187.9	1181.1	1174.2
17.5°	1393.3	1348.8	1307.8	1263.2	1218.7	1198.2	1174.2	1153.7	1129.7	1092.1	1081.8
20°	1321.4	1273.5	1225.6	1177.7	1129.7	1177.7	1222.2	1270.1	1314.6	1393.3	1369.4
22.5°	1276.9	1355.7	1437.8	1516.6	1595.3	1520.0	1448.1	1372.8	1297.5	1321.4	1205.0
25°	1615.9	1557.7	1502.9	1444.7	1386.5	1461.8	1537.1	1612.4	1687.8	1653.5	1598.7
27.5°	1513.2	1571.4	1626.1	1684.3	1739.1	1766.5	1797.3	1824.7	1852.1	1783.6	1797.3
30°	1776.8	1848.7	1917.1	1989.0	2057.5	2184.2	2307.4	2434.1	2557.3	2529.9	2420.4
32.5°	1971.9	2091.7	2211.5	2327.9	2447.8	2519.6	2595.0	2666.9	2738.7	2745.6	2608.7
35°	2245.8	2327.9	2410.1	2492.3	2574.4	2684.0	2790.1	2899.6	3005.8	2944.2	2790.1
37.5°	2406.7	2492.3	2581.3	2666.9	2752.4	2886.0	3019.5	3149.6	3283.1	3149.6	2981.8
40°	2581.3	2673.7	2769.6	2862.0	2954.4	3091.4	3224.9	3361.8	3495.3	3488.5	3259.1
42.5°	2817.5	2909.9	3005.8	3098.2	3190.6	3334.4	3478.2	3618.6	3762.4	3758.9	3498.8
45°	3050.3	3135.9	3218.0	3303.6	3385.8	3550.1	3714.4	3878.8	4043.1	4060.2	3765.8
47.5°	3272.8	3348.1	3423.4	3498.8	3574.1	3800.0	4022.5	4248.5	4471.0	4364.9	4046.5
50°	3481.6	3556.9	3632.3	3707.6	3782.9	4046.5	4313.5	4577.1	4840.7	4700.4	4358.0
52.5°	3669.9	3762.4	3858.2	3950.6	4043.1	4330.6	4618.2	4905.8	5193.4	5049.6	4697.0
55°	3800.0	3930.1	4056.8	4186.9	4313.5	4631.9	4953.7	5272.1	5590.5	5426.1	5018.8
57.5°	3861.6	4015.7	4173.2	4327.2	4481.3	4809.9	5142.0	5470.6	5799.3	5635.0	5217.3
60°	3892.4	4070.5	4248.5	4423.1	4601.1	4957.1	5316.6	5672.6	6028.7	5888.3	5463.8
62.5°	3824.0	4049.9	4279.3	4505.2	4731.2	5111.2	5491.2	5867.8	6247.8	6155.3	5751.4
65°	3690.5	3988.3	4289.6	4587.4	4885.2	5337.1	5789.0	6237.5	6689.4	6590.1	6186.1
67.5°	3467.9	3858.2	4248.5	4638.8	5029.0	5590.5	6148.5	6709.9	7268.0	7168.7	6706.5
70°	3084.5	3574.1	4063.6	4549.7	5039.3	5696.6	6357.3	7014.6	7671.9	7541.8	6994.1
72.5°	2526.5	3077.7	3628.8	4176.6	4727.8	5429.6	6134.8	6836.6	7538.4	7291.9	6668.9
75°	1780.2	2283.4	2786.7	3286.5	3789.7	4406.0	5022.2	5635.0	6251.2	5936.2	5326.9
77.5°	927.8	1239.3	1547.4	1858.9	2167.0	2649.7	3129.0	3611.7	4091.0	3526.1	3067.4
80°	280.7	410.8	537.5	667.6	794.2	907.2	1020.2	1129.7	1242.7	924.3	766.8
82.5°	85.6	113.0	136.9	164.3	188.3	188.3	188.3	184.9	184.9	147.2	123.2
85°	44.5	47.9	47.9	51.4	51.4	51.4	47.9	47.9	44.5	44.5	37.7
87.5°	13.7	13.7	17.1	17.1	17.1	17.1	17.1	13.7	13.7	13.7	13.7
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: P559832

CATALOG NUMBER: SDL-PA1-100-730-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9
2.5°	1181.1	1164.0	1146.9	1126.3	1105.8	1085.2	1064.7	1044.1	1023.6	1003.1	985.9
5°	1239.3	1205.0	1170.8	1133.2	1092.1	1051.0	1013.3	975.7	934.6	896.9	862.7
7.5°	1150.3	1109.2	1057.8	1006.5	955.1	903.8	849.0	797.7	742.9	688.1	643.6
10°	1030.5	996.2	941.4	883.2	821.6	756.6	684.7	612.8	540.9	469.0	438.2
12.5°	883.2	893.5	835.3	777.1	712.1	647.0	578.6	510.1	438.2	369.7	349.2
15°	1167.4	1160.5	1085.2	1009.9	910.6	811.4	712.1	609.4	510.1	407.4	356.0
17.5°	1068.1	1057.8	975.7	893.5	804.5	715.5	623.1	527.2	434.8	338.9	291.0
20°	1348.8	1324.9	1222.2	1116.0	985.9	852.4	722.3	592.3	462.2	332.1	277.3
22.5°	1088.7	972.3	890.1	807.9	705.2	599.1	513.5	424.5	338.9	249.9	215.7
25°	1540.5	1485.8	1345.4	1201.6	1020.2	838.7	691.5	544.3	397.1	249.9	208.8
27.5°	1811.0	1824.7	1633.0	1441.3	1211.9	982.5	790.8	599.1	407.4	215.7	184.9
30°	2310.8	2201.3	1975.3	1746.0	1424.1	1098.9	873.0	647.0	421.1	195.1	167.7
32.5°	2475.1	2338.2	2081.4	1821.3	1444.7	1064.7	838.7	612.8	383.4	157.5	140.4
35°	2639.5	2485.4	2191.0	1896.6	1465.2	1030.5	804.5	582.0	356.0	130.1	119.8
37.5°	2814.1	2646.3	2317.7	1985.6	1485.8	985.9	770.3	551.2	335.5	116.4	106.1
40°	3033.2	2803.8	2440.9	2074.6	1506.3	938.0	729.2	523.8	315.0	106.1	95.9
42.5°	3242.0	2981.8	2577.8	2170.5	1530.3	890.1	691.5	496.4	297.8	99.3	89.0
45°	3474.8	3180.4	2742.2	2300.5	1564.5	828.5	643.6	458.7	273.9	89.0	78.7
47.5°	3728.1	3409.7	2920.2	2430.6	1598.7	766.8	595.7	427.9	256.8	85.6	75.3
50°	4015.7	3673.3	3135.9	2595.0	1667.2	736.0	571.7	407.4	243.1	78.7	68.5
52.5°	4347.8	3995.1	3392.6	2786.7	1749.4	708.7	551.2	390.3	232.8	71.9	61.6
55°	4614.8	4207.4	3539.8	2868.8	1766.5	660.7	513.5	362.9	215.7	65.0	58.2
57.5°	4803.1	4385.4	3680.2	2975.0	1797.3	616.2	475.9	338.9	198.6	58.2	51.4
60°	5035.9	4611.4	3854.8	3094.8	1835.0	575.1	445.0	315.0	181.4	51.4	44.5
62.5°	5347.4	4943.4	4104.7	3262.5	1896.6	527.2	407.4	287.6	164.3	44.5	41.1
65°	5778.8	5374.8	4399.1	3423.4	1954.8	482.7	373.2	263.6	150.6	41.1	37.7
67.5°	6240.9	5778.8	4631.9	3481.6	1954.8	427.9	332.1	232.8	136.9	37.7	34.2
70°	6446.3	5898.6	4594.3	3286.5	1814.4	342.3	267.0	188.3	113.0	34.2	30.8
72.5°	6049.2	5426.1	4084.2	2742.2	1478.9	215.7	167.7	123.2	75.3	27.4	24.0
75°	4714.1	4104.7	3046.9	1985.6	1047.6	106.1	85.6	65.0	41.1	20.5	17.1
77.5°	2612.1	2153.3	1564.5	975.7	520.4	61.6	51.4	41.1	27.4	17.1	17.1
80°	612.8	455.3	332.1	205.4	123.2	37.7	30.8	27.4	20.5	13.7	13.7
82.5°	99.3	75.3	54.8	34.2	27.4	20.5	17.1	17.1	13.7	10.3	10.3
85°	30.8	24.0	20.5	13.7	13.7	10.3	10.3	10.3	6.8	6.8	6.8
87.5°	10.3	10.3	10.3	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
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: P559832

CATALOG NUMBER: SDL-PA1-100-730-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9
2.5°	965.4	948.3	927.8	914.1	900.4	883.2	869.6	855.9	842.2	828.5	814.8
5°	828.5	790.8	756.6	712.1	664.1	619.6	571.7	551.2	534.1	513.5	493.0
7.5°	599.1	554.6	510.1	493.0	475.9	455.3	438.2	421.1	404.0	386.8	369.7
10°	410.8	380.0	349.2	335.5	321.8	304.7	291.0	277.3	263.6	246.5	232.8
12.5°	328.6	304.7	284.1	260.2	236.2	212.3	188.3	181.4	174.6	164.3	157.5
15°	301.3	249.9	195.1	178.0	164.3	147.2	130.1	126.7	126.7	123.2	119.8
17.5°	243.1	195.1	147.2	140.4	130.1	123.2	113.0	106.1	99.3	92.4	85.6
20°	222.5	167.7	113.0	109.5	106.1	99.3	95.9	92.4	92.4	89.0	85.6
22.5°	184.9	150.6	116.4	106.1	95.9	85.6	75.3	75.3	78.7	78.7	78.7
25°	167.7	126.7	85.6	85.6	82.2	82.2	78.7	75.3	68.5	65.0	58.2
27.5°	154.1	123.2	92.4	85.6	78.7	71.9	65.0	65.0	61.6	61.6	58.2
30°	143.8	116.4	89.0	82.2	78.7	71.9	65.0	61.6	58.2	51.4	47.9
32.5°	126.7	109.5	92.4	85.6	75.3	68.5	58.2	54.8	51.4	44.5	41.1
35°	109.5	95.9	85.6	78.7	68.5	61.6	51.4	47.9	44.5	41.1	37.7
37.5°	95.9	85.6	75.3	68.5	61.6	51.4	44.5	41.1	37.7	34.2	30.8
40°	85.6	75.3	65.0	58.2	51.4	44.5	37.7	34.2	34.2	30.8	27.4
42.5°	78.7	68.5	58.2	51.4	47.9	41.1	34.2	30.8	27.4	24.0	20.5
45°	71.9	61.6	51.4	47.9	41.1	37.7	30.8	27.4	24.0	20.5	17.1
47.5°	65.0	54.8	44.5	41.1	37.7	30.8	27.4	24.0	20.5	17.1	13.7
50°	61.6	51.4	41.1	37.7	34.2	27.4	24.0	20.5	20.5	17.1	13.7
52.5°	54.8	44.5	34.2	30.8	27.4	24.0	20.5	17.1	17.1	13.7	10.3
55°	47.9	41.1	30.8	27.4	24.0	20.5	17.1	13.7	13.7	10.3	6.8
57.5°	44.5	34.2	27.4	24.0	20.5	17.1	13.7	13.7	10.3	10.3	6.8
60°	37.7	30.8	24.0	20.5	17.1	13.7	10.3	10.3	6.8	6.8	3.4
62.5°	34.2	30.8	24.0	20.5	17.1	13.7	10.3	10.3	6.8	6.8	3.4
65°	30.8	27.4	20.5	17.1	17.1	13.7	10.3	10.3	6.8	6.8	3.4
67.5°	30.8	24.0	20.5	17.1	13.7	10.3	6.8	6.8	6.8	3.4	3.4
70°	24.0	20.5	13.7	13.7	10.3	10.3	6.8	6.8	6.8	3.4	3.4
72.5°	20.5	17.1	13.7	13.7	10.3	10.3	6.8	6.8	6.8	3.4	3.4
75°	17.1	13.7	10.3	10.3	10.3	6.8	6.8	6.8	6.8	3.4	3.4
77.5°	13.7	13.7	10.3	10.3	10.3	6.8	6.8	6.8	6.8	3.4	3.4
80°	10.3	10.3	6.8	6.8	6.8	6.8	6.8	6.8	6.8	3.4	3.4
82.5°	10.3	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	3.4	3.4
85°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	3.4	3.4
87.5°	6.8	6.8	6.8	6.8	10.3	10.3	10.3	10.3	6.8	6.8	3.4
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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CATALOG NUMBER: SDL-PA1-100-730-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9
2.5°	801.1	784.0	770.3	753.2	729.2	701.8	677.8	650.5	647.0	643.6	636.8
5°	482.7	472.4	462.2	451.9	445.0	438.2	431.4	424.5	417.7	414.2	407.4
7.5°	356.0	342.3	328.6	315.0	304.7	297.8	287.6	277.3	270.5	260.2	253.3
10°	219.1	202.0	188.3	171.2	178.0	184.9	188.3	195.1	195.1	191.7	191.7
12.5°	157.5	157.5	157.5	157.5	157.5	157.5	154.1	154.1	154.1	150.6	150.6
15°	116.4	113.0	109.5	106.1	106.1	106.1	102.7	102.7	109.5	113.0	119.8
17.5°	89.0	92.4	92.4	95.9	99.3	102.7	102.7	106.1	106.1	109.5	109.5
20°	85.6	85.6	82.2	82.2	78.7	78.7	75.3	71.9	75.3	82.2	85.6
22.5°	75.3	68.5	65.0	58.2	61.6	68.5	71.9	75.3	75.3	75.3	75.3
25°	61.6	61.6	65.0	65.0	61.6	58.2	54.8	51.4	54.8	58.2	58.2
27.5°	54.8	51.4	47.9	44.5	47.9	47.9	51.4	51.4	51.4	51.4	47.9
30°	47.9	47.9	44.5	44.5	44.5	41.1	41.1	37.7	41.1	41.1	44.5
32.5°	41.1	37.7	37.7	34.2	34.2	37.7	37.7	37.7	37.7	37.7	37.7
35°	37.7	34.2	34.2	30.8	30.8	30.8	30.8	30.8	34.2	34.2	37.7
37.5°	30.8	27.4	27.4	24.0	24.0	27.4	27.4	27.4	27.4	30.8	30.8
40°	27.4	24.0	24.0	20.5	20.5	24.0	24.0	24.0	24.0	27.4	27.4
42.5°	20.5	20.5	17.1	17.1	17.1	20.5	20.5	20.5	20.5	24.0	24.0
45°	17.1	17.1	13.7	13.7	13.7	17.1	17.1	17.1	17.1	17.1	17.1
47.5°	13.7	13.7	10.3	10.3	10.3	13.7	13.7	13.7	13.7	13.7	13.7
50°	13.7	10.3	10.3	6.8	6.8	10.3	10.3	10.3	10.3	10.3	10.3
52.5°	10.3	10.3	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
55°	6.8	6.8	3.4	3.4	3.4	6.8	6.8	6.8	6.8	6.8	3.4
57.5°	6.8	6.8	3.4	3.4	3.4	6.8	6.8	6.8	6.8	6.8	3.4
60°	3.4	3.4	3.4	3.4	3.4	6.8	6.8	6.8	6.8	6.8	3.4
62.5°	3.4	3.4	3.4	3.4	3.4	6.8	6.8	6.8	6.8	6.8	6.8
65°	3.4	3.4	3.4	3.4	6.8	6.8	10.3	10.3	10.3	10.3	6.8
67.5°	3.4	3.4	3.4	3.4	6.8	6.8	10.3	10.3	10.3	6.8	6.8
70°	3.4	6.8	6.8	6.8	6.8	10.3	10.3	10.3	10.3	10.3	6.8
72.5°	3.4	6.8	6.8	6.8	6.8	10.3	10.3	10.3	10.3	10.3	6.8
75°	6.8	6.8	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	6.8
77.5°	6.8	6.8	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	6.8
80°	6.8	6.8	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	6.8
82.5°	6.8	6.8	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	6.8
85°	6.8	10.3	10.3	13.7	13.7	13.7	10.3	10.3	10.3	10.3	6.8
87.5°	6.8	10.3	10.3	13.7	13.7	13.7	10.3	10.3	10.3	10.3	6.8
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: P559832

CATALOG NUMBER: SDL-PA1-100-730-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9
2.5°	633.3	626.5	619.6	609.4	602.5	609.4	616.2	609.4	602.5	609.4	619.6
5°	400.5	397.1	397.1	393.7	390.3	390.3	386.8	390.3	390.3	393.7	397.1
7.5°	243.1	239.6	236.2	229.4	225.9	232.8	236.2	232.8	225.9	229.4	236.2
10°	188.3	188.3	184.9	184.9	181.4	181.4	181.4	181.4	181.4	184.9	184.9
12.5°	147.2	143.8	140.4	136.9	133.5	140.4	143.8	140.4	133.5	136.9	140.4
15°	123.2	123.2	126.7	126.7	126.7	126.7	126.7	126.7	126.7	126.7	126.7
17.5°	109.5	106.1	106.1	102.7	99.3	99.3	95.9	99.3	99.3	102.7	106.1
20°	89.0	89.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
22.5°	75.3	71.9	71.9	68.5	65.0	65.0	61.6	65.0	65.0	68.5	71.9
25°	61.6	61.6	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
27.5°	47.9	47.9	47.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	47.9
30°	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
32.5°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
35°	37.7	37.7	37.7	34.2	34.2	34.2	34.2	34.2	34.2	34.2	37.7
37.5°	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
40°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
42.5°	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
45°	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
47.5°	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
50°	10.3	10.3	10.3	6.8	6.8	6.8	6.8	6.8	6.8	6.8	10.3
52.5°	6.8	6.8	6.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	6.8
55°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
57.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
60°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
62.5°	6.8	6.8	6.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	6.8
65°	6.8	6.8	3.4	3.4	0.0	0.0	0.0	0.0	0.0	3.4	3.4
67.5°	3.4	3.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
70°	6.8	6.8	3.4	3.4	0.0	0.0	0.0	0.0	0.0	3.4	3.4
72.5°	6.8	6.8	3.4	3.4	0.0	0.0	0.0	0.0	0.0	3.4	3.4
75°	6.8	6.8	3.4	3.4	0.0	0.0	0.0	0.0	0.0	3.4	3.4
77.5°	6.8	6.8	6.8	3.4	3.4	3.4	0.0	3.4	3.4	3.4	6.8
80°	6.8	6.8	6.8	3.4	3.4	3.4	0.0	3.4	3.4	3.4	6.8
82.5°	6.8	6.8	6.8	3.4	3.4	3.4	0.0	3.4	3.4	3.4	6.8
85°	6.8	6.8	6.8	3.4	3.4	3.4	0.0	3.4	3.4	3.4	6.8
87.5°	6.8	6.8	6.8	3.4	3.4	3.4	0.0	3.4	3.4	3.4	6.8
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: P559832

CATALOG NUMBER: SDL-PA1-100-730-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9
2.5°	626.5	633.3	636.8	643.6	647.0	650.5	677.8	701.8	729.2	753.2	770.3
5°	397.1	400.5	407.4	414.2	417.7	424.5	431.4	438.2	445.0	451.9	462.2
7.5°	239.6	243.1	253.3	260.2	270.5	277.3	287.6	297.8	304.7	315.0	328.6
10°	188.3	188.3	191.7	191.7	195.1	195.1	188.3	184.9	178.0	171.2	188.3
12.5°	143.8	147.2	150.6	150.6	154.1	154.1	154.1	157.5	157.5	157.5	157.5
15°	123.2	123.2	119.8	113.0	109.5	102.7	102.7	106.1	106.1	106.1	109.5
17.5°	106.1	109.5	109.5	109.5	106.1	106.1	102.7	102.7	99.3	95.9	92.4
20°	89.0	89.0	85.6	82.2	75.3	71.9	75.3	78.7	78.7	82.2	82.2
22.5°	71.9	75.3	75.3	75.3	75.3	75.3	71.9	68.5	61.6	58.2	65.0
25°	61.6	61.6	58.2	58.2	54.8	51.4	54.8	58.2	61.6	65.0	65.0
27.5°	47.9	47.9	47.9	51.4	51.4	51.4	51.4	47.9	47.9	44.5	47.9
30°	44.5	44.5	44.5	41.1	41.1	37.7	41.1	41.1	44.5	44.5	44.5
32.5°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	34.2	34.2	37.7
35°	37.7	37.7	37.7	34.2	34.2	30.8	30.8	30.8	30.8	30.8	34.2
37.5°	30.8	30.8	30.8	30.8	27.4	27.4	27.4	27.4	24.0	24.0	27.4
40°	27.4	27.4	27.4	27.4	24.0	24.0	24.0	24.0	20.5	20.5	24.0
42.5°	24.0	24.0	24.0	24.0	20.5	20.5	20.5	20.5	17.1	17.1	17.1
45°	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	13.7	13.7	13.7
47.5°	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	10.3	10.3	10.3
50°	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	6.8	6.8	10.3
52.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
55°	3.4	3.4	3.4	6.8	6.8	6.8	6.8	6.8	3.4	3.4	3.4
57.5°	3.4	3.4	3.4	6.8	6.8	6.8	6.8	6.8	3.4	3.4	3.4
60°	3.4	3.4	3.4	6.8	6.8	6.8	6.8	6.8	3.4	3.4	3.4
62.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	3.4	3.4	3.4
65°	6.8	6.8	6.8	10.3	10.3	10.3	10.3	6.8	6.8	3.4	3.4
67.5°	3.4	3.4	6.8	6.8	10.3	10.3	10.3	6.8	6.8	3.4	3.4
70°	6.8	6.8	6.8	10.3	10.3	10.3	10.3	10.3	6.8	6.8	6.8
72.5°	6.8	6.8	6.8	10.3	10.3	10.3	10.3	10.3	6.8	6.8	6.8
75°	6.8	6.8	6.8	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
77.5°	6.8	6.8	6.8	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
80°	6.8	6.8	6.8	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
82.5°	6.8	6.8	6.8	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
85°	6.8	6.8	6.8	10.3	10.3	10.3	10.3	13.7	13.7	13.7	10.3
87.5°	6.8	6.8	6.8	10.3	10.3	10.3	10.3	13.7	13.7	13.7	10.3
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-PA1-100-730-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9
2.5°	784.0	801.1	814.8	828.5	842.2	855.9	869.6	883.2	900.4	914.1	927.8
5°	472.4	482.7	493.0	513.5	534.1	551.2	571.7	619.6	664.1	712.1	756.6
7.5°	342.3	356.0	369.7	386.8	404.0	421.1	438.2	455.3	475.9	493.0	510.1
10°	202.0	219.1	232.8	246.5	263.6	277.3	291.0	304.7	321.8	335.5	349.2
12.5°	157.5	157.5	157.5	164.3	174.6	181.4	188.3	212.3	236.2	260.2	284.1
15°	113.0	116.4	119.8	123.2	126.7	126.7	130.1	147.2	164.3	178.0	195.1
17.5°	92.4	89.0	85.6	92.4	99.3	106.1	113.0	123.2	130.1	140.4	147.2
20°	85.6	85.6	85.6	89.0	92.4	92.4	95.9	99.3	106.1	109.5	113.0
22.5°	68.5	75.3	78.7	78.7	78.7	75.3	75.3	85.6	95.9	106.1	116.4
25°	61.6	61.6	58.2	65.0	68.5	75.3	78.7	82.2	82.2	85.6	85.6
27.5°	51.4	54.8	58.2	61.6	61.6	65.0	65.0	71.9	78.7	85.6	92.4
30°	47.9	47.9	47.9	51.4	58.2	61.6	65.0	71.9	78.7	82.2	89.0
32.5°	37.7	41.1	41.1	44.5	51.4	54.8	58.2	68.5	75.3	85.6	92.4
35°	34.2	37.7	37.7	41.1	44.5	47.9	51.4	61.6	68.5	78.7	85.6
37.5°	27.4	30.8	30.8	34.2	37.7	41.1	44.5	51.4	61.6	68.5	75.3
40°	24.0	27.4	27.4	30.8	34.2	34.2	37.7	44.5	51.4	58.2	65.0
42.5°	20.5	20.5	20.5	24.0	27.4	30.8	34.2	41.1	47.9	51.4	58.2
45°	17.1	17.1	17.1	20.5	24.0	27.4	30.8	37.7	41.1	47.9	51.4
47.5°	13.7	13.7	13.7	17.1	20.5	24.0	27.4	30.8	37.7	41.1	44.5
50°	10.3	13.7	13.7	17.1	20.5	20.5	24.0	27.4	34.2	37.7	41.1
52.5°	10.3	10.3	10.3	13.7	17.1	17.1	20.5	24.0	27.4	30.8	34.2
55°	6.8	6.8	6.8	10.3	13.7	13.7	17.1	20.5	24.0	27.4	30.8
57.5°	6.8	6.8	6.8	10.3	10.3	13.7	13.7	17.1	20.5	24.0	27.4
60°	3.4	3.4	3.4	6.8	6.8	10.3	10.3	13.7	17.1	20.5	24.0
62.5°	3.4	3.4	3.4	6.8	6.8	10.3	10.3	13.7	17.1	20.5	24.0
65°	3.4	3.4	3.4	6.8	6.8	10.3	10.3	13.7	17.1	17.1	20.5
67.5°	3.4	3.4	3.4	3.4	6.8	6.8	6.8	10.3	13.7	17.1	20.5
70°	6.8	3.4	3.4	3.4	6.8	6.8	6.8	10.3	10.3	13.7	13.7
72.5°	6.8	3.4	3.4	3.4	6.8	6.8	6.8	10.3	10.3	13.7	13.7
75°	6.8	6.8	3.4	3.4	6.8	6.8	6.8	6.8	10.3	10.3	10.3
77.5°	6.8	6.8	3.4	3.4	6.8	6.8	6.8	6.8	10.3	10.3	10.3
80°	6.8	6.8	3.4	3.4	6.8	6.8	6.8	6.8	6.8	6.8	6.8
82.5°	6.8	6.8	3.4	3.4	6.8	6.8	6.8	6.8	6.8	6.8	6.8
85°	10.3	6.8	3.4	3.4	6.8	6.8	6.8	6.8	6.8	6.8	6.8
87.5°	10.3	6.8	3.4	6.8	6.8	10.3	10.3	10.3	10.3	6.8	6.8
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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CATALOG NUMBER: SDL-PA1-100-730-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9
2.5°	948.3	965.4	985.9	1003.1	1023.6	1044.1	1064.7	1085.2	1105.8	1126.3	1146.9
5°	790.8	828.5	862.7	896.9	934.6	975.7	1013.3	1051.0	1092.1	1133.2	1170.8
7.5°	554.6	599.1	643.6	688.1	742.9	797.7	849.0	903.8	955.1	1006.5	1057.8
10°	380.0	410.8	438.2	469.0	540.9	612.8	684.7	756.6	821.6	883.2	941.4
12.5°	304.7	328.6	349.2	369.7	438.2	510.1	578.6	647.0	712.1	777.1	835.3
15°	249.9	301.3	356.0	407.4	510.1	609.4	712.1	811.4	910.6	1009.9	1085.2
17.5°	195.1	243.1	291.0	338.9	434.8	527.2	623.1	715.5	804.5	893.5	975.7
20°	167.7	222.5	277.3	332.1	462.2	592.3	722.3	852.4	985.9	1116.0	1222.2
22.5°	150.6	184.9	215.7	249.9	338.9	424.5	513.5	599.1	705.2	807.9	890.1
25°	126.7	167.7	208.8	249.9	397.1	544.3	691.5	838.7	1020.2	1201.6	1345.4
27.5°	123.2	154.1	184.9	215.7	407.4	599.1	790.8	982.5	1211.9	1441.3	1633.0
30°	116.4	143.8	167.7	195.1	421.1	647.0	873.0	1098.9	1424.1	1746.0	1975.3
32.5°	109.5	126.7	140.4	157.5	383.4	612.8	838.7	1064.7	1444.7	1821.3	2081.4
35°	95.9	109.5	119.8	130.1	356.0	582.0	804.5	1030.5	1465.2	1896.6	2191.0
37.5°	85.6	95.9	106.1	116.4	335.5	551.2	770.3	985.9	1485.8	1985.6	2317.7
40°	75.3	85.6	95.9	106.1	315.0	523.8	729.2	938.0	1506.3	2074.6	2440.9
42.5°	68.5	78.7	89.0	99.3	297.8	496.4	691.5	890.1	1530.3	2170.5	2577.8
45°	61.6	71.9	78.7	89.0	273.9	458.7	643.6	828.5	1564.5	2300.5	2742.2
47.5°	54.8	65.0	75.3	85.6	256.8	427.9	595.7	766.8	1598.7	2430.6	2920.2
50°	51.4	61.6	68.5	78.7	243.1	407.4	571.7	736.0	1667.2	2595.0	3135.9
52.5°	44.5	54.8	61.6	71.9	232.8	390.3	551.2	708.7	1749.4	2786.7	3392.6
55°	41.1	47.9	58.2	65.0	215.7	362.9	513.5	660.7	1766.5	2868.8	3539.8
57.5°	34.2	44.5	51.4	58.2	198.6	338.9	475.9	616.2	1797.3	2975.0	3680.2
60°	30.8	37.7	44.5	51.4	181.4	315.0	445.0	575.1	1835.0	3094.8	3854.8
62.5°	30.8	34.2	41.1	44.5	164.3	287.6	407.4	527.2	1896.6	3262.5	4104.7
65°	27.4	30.8	37.7	41.1	150.6	263.6	373.2	482.7	1954.8	3423.4	4399.1
67.5°	24.0	30.8	34.2	37.7	136.9	232.8	332.1	427.9	1954.8	3481.6	4631.9
70°	20.5	24.0	30.8	34.2	113.0	188.3	267.0	342.3	1814.4	3286.5	4594.3
72.5°	17.1	20.5	24.0	27.4	75.3	123.2	167.7	215.7	1478.9	2742.2	4084.2
75°	13.7	17.1	17.1	20.5	41.1	65.0	85.6	106.1	1047.6	1985.6	3046.9
77.5°	13.7	13.7	17.1	17.1	27.4	41.1	51.4	61.6	520.4	975.7	1564.5
80°	10.3	10.3	13.7	13.7	20.5	27.4	30.8	37.7	123.2	205.4	332.1
82.5°	6.8	10.3	10.3	10.3	13.7	17.1	17.1	20.5	27.4	34.2	54.8
85°	6.8	6.8	6.8	6.8	6.8	10.3	10.3	10.3	13.7	13.7	20.5
87.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	10.3
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-PA1-100-730-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9
2.5°	1164.0	1181.1	1194.8	1211.9	1232.4	1246.1	1259.8	1273.5	1287.2	1300.9	1314.6
5°	1205.0	1239.3	1270.1	1304.3	1338.6	1359.1	1379.6	1400.2	1420.7	1383.1	1345.4
7.5°	1109.2	1150.3	1191.4	1232.4	1263.2	1253.0	1242.7	1232.4	1222.2	1266.7	1307.8
10°	996.2	1030.5	1068.1	1102.3	1016.8	1033.9	1047.6	1064.7	1078.4	1102.3	1126.3
12.5°	893.5	883.2	876.4	866.1	893.5	962.0	1030.5	1095.5	1164.0	1174.2	1187.9
15°	1160.5	1167.4	1174.2	1181.1	1187.9	1153.7	1119.5	1081.8	1047.6	1057.8	1068.1
17.5°	1057.8	1068.1	1081.8	1092.1	1129.7	1153.7	1174.2	1198.2	1218.7	1263.2	1307.8
20°	1324.9	1348.8	1369.4	1393.3	1314.6	1270.1	1222.2	1177.7	1129.7	1177.7	1225.6
22.5°	972.3	1088.7	1205.0	1321.4	1297.5	1372.8	1448.1	1520.0	1595.3	1516.6	1437.8
25°	1485.8	1540.5	1598.7	1653.5	1687.8	1612.4	1537.1	1461.8	1386.5	1444.7	1502.9
27.5°	1824.7	1811.0	1797.3	1783.6	1852.1	1824.7	1797.3	1766.5	1739.1	1684.3	1626.1
30°	2201.3	2310.8	2420.4	2529.9	2557.3	2434.1	2307.4	2184.2	2057.5	1989.0	1917.1
32.5°	2338.2	2475.1	2608.7	2745.6	2738.7	2666.9	2595.0	2519.6	2447.8	2327.9	2211.5
35°	2485.4	2639.5	2790.1	2944.2	3005.8	2899.6	2790.1	2684.0	2574.4	2492.3	2410.1
37.5°	2646.3	2814.1	2981.8	3149.6	3283.1	3149.6	3019.5	2886.0	2752.4	2666.9	2581.3
40°	2803.8	3033.2	3259.1	3488.5	3495.3	3361.8	3224.9	3091.4	2954.4	2862.0	2769.6
42.5°	2981.8	3242.0	3498.8	3758.9	3762.4	3618.6	3478.2	3334.4	3190.6	3098.2	3005.8
45°	3180.4	3474.8	3765.8	4060.2	4043.1	3878.8	3714.4	3550.1	3385.8	3303.6	3218.0
47.5°	3409.7	3728.1	4046.5	4364.9	4471.0	4248.5	4022.5	3800.0	3574.1	3498.8	3423.4
50°	3673.3	4015.7	4358.0	4700.4	4840.7	4577.1	4313.5	4046.5	3782.9	3707.6	3632.3
52.5°	3995.1	4347.8	4697.0	5049.6	5193.4	4905.8	4618.2	4330.6	4043.1	3950.6	3858.2
55°	4207.4	4614.8	5018.8	5426.1	5590.5	5272.1	4953.7	4631.9	4313.5	4186.9	4056.8
57.5°	4385.4	4803.1	5217.3	5635.0	5799.3	5470.6	5142.0	4809.9	4481.3	4327.2	4173.2
60°	4611.4	5035.9	5463.8	5888.3	6028.7	5672.6	5316.6	4957.1	4601.1	4423.1	4248.5
62.5°	4943.4	5347.4	5751.4	6155.3	6247.8	5867.8	5491.2	5111.2	4731.2	4505.2	4279.3
65°	5374.8	5778.8	6186.1	6590.1	6689.4	6237.5	5789.0	5337.1	4885.2	4587.4	4289.6
67.5°	5778.8	6240.9	6706.5	7168.7	7268.0	6709.9	6148.5	5590.5	5029.0	4638.8	4248.5
70°	5898.6	6446.3	6994.1	7541.8	7671.9	7014.6	6357.3	5696.6	5039.3	4549.7	4063.6
72.5°	5426.1	6049.2	6668.9	7291.9	7538.4	6836.6	6134.8	5429.6	4727.8	4176.6	3628.8
75°	4104.7	4714.1	5326.9	5936.2	6251.2	5635.0	5022.2	4406.0	3789.7	3286.5	2786.7
77.5°	2153.3	2612.1	3067.4	3526.1	4091.0	3611.7	3129.0	2649.7	2167.0	1858.9	1547.4
80°	455.3	612.8	766.8	924.3	1242.7	1129.7	1020.2	907.2	794.2	667.6	537.5
82.5°	75.3	99.3	123.2	147.2	184.9	184.9	188.3	188.3	188.3	164.3	136.9
85°	24.0	30.8	37.7	44.5	44.5	47.9	47.9	51.4	51.4	51.4	47.9
87.5°	10.3	10.3	13.7	13.7	13.7	13.7	17.1	17.1	17.1	17.1	17.1
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):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9
2.5°	1328.3	1342.0	1352.3	1366.0	1376.2	1386.5	1393.3	1396.8	1403.6	1407.0	1400.2
5°	1304.3	1266.7	1280.4	1294.1	1304.3	1318.0	1328.3	1338.6	1345.4	1355.7	1362.5
7.5°	1352.3	1393.3	1410.5	1427.6	1444.7	1461.8	1472.1	1482.3	1489.2	1499.5	1502.9
10°	1150.3	1174.2	1225.6	1280.4	1331.7	1383.1	1366.0	1348.8	1331.7	1314.6	1389.9
12.5°	1198.2	1208.5	1239.3	1266.7	1297.5	1324.9	1383.1	1437.8	1496.0	1550.8	1585.1
15°	1078.4	1088.7	1170.8	1249.6	1331.7	1410.5	1386.5	1362.5	1338.6	1314.6	1352.3
17.5°	1348.8	1393.3	1314.6	1232.4	1153.7	1071.5	1167.4	1266.7	1362.5	1458.4	1492.6
20°	1273.5	1321.4	1362.5	1403.6	1444.7	1485.8	1451.5	1420.7	1386.5	1352.3	1324.9
22.5°	1355.7	1276.9	1324.9	1376.2	1424.1	1472.1	1448.1	1427.6	1403.6	1379.6	1434.4
25°	1557.7	1615.9	1540.5	1465.2	1389.9	1314.6	1400.2	1485.8	1567.9	1653.5	1598.7
27.5°	1571.4	1513.2	1581.6	1646.7	1715.1	1780.2	1708.3	1639.8	1567.9	1496.0	1574.8
30°	1848.7	1776.8	1756.2	1735.7	1715.1	1694.6	1732.3	1769.9	1804.2	1841.8	1852.1
32.5°	2091.7	1971.9	2002.7	2036.9	2067.8	2098.6	2071.2	2047.2	2019.8	1992.4	2108.8
35°	2327.9	2245.8	2259.5	2273.2	2286.9	2300.5	2307.4	2310.8	2317.7	2321.1	2471.7
37.5°	2492.3	2406.7	2454.6	2502.5	2550.5	2598.4	2598.4	2595.0	2595.0	2591.5	2762.7
40°	2673.7	2581.3	2649.7	2714.8	2783.3	2848.3	2862.0	2875.7	2889.4	2903.1	3060.6
42.5°	2909.9	2817.5	2875.7	2930.5	2988.7	3043.4	3067.4	3091.4	3111.9	3135.9	3293.3
45°	3135.9	3050.3	3094.8	3139.3	3183.8	3228.3	3248.8	3269.4	3289.9	3310.5	3491.9
47.5°	3348.1	3272.8	3300.2	3324.2	3351.5	3375.5	3392.6	3406.3	3423.4	3437.1	3618.6
50°	3556.9	3481.6	3488.5	3495.3	3498.8	3505.6	3512.4	3522.7	3529.6	3536.4	3748.7
52.5°	3762.4	3669.9	3652.8	3635.7	3618.6	3601.5	3601.5	3598.0	3598.0	3594.6	3758.9
55°	3930.1	3800.0	3758.9	3714.4	3673.3	3628.8	3611.7	3594.6	3574.1	3556.9	3642.5
57.5°	4015.7	3861.6	3800.0	3735.0	3673.3	3608.3	3550.1	3488.5	3430.3	3368.7	3355.0
60°	4070.5	3892.4	3796.6	3697.3	3601.5	3502.2	3358.4	3214.6	3070.8	2927.0	2851.7
62.5°	4049.9	3824.0	3676.8	3526.1	3378.9	3228.3	3005.8	2783.3	2557.3	2334.8	2228.7
65°	3988.3	3690.5	3478.2	3262.5	3050.3	2834.6	2567.6	2300.5	2033.5	1766.5	1667.2
67.5°	3858.2	3467.9	3170.1	2875.7	2577.8	2280.0	2009.6	1739.1	1468.7	1198.2	1126.3
70°	3574.1	3084.5	2735.3	2382.7	2033.5	1680.9	1451.5	1218.7	989.4	756.6	722.3
72.5°	3077.7	2526.5	2170.5	1817.8	1461.8	1105.8	948.3	790.8	633.3	475.9	465.6
75°	2283.4	1780.2	1506.3	1229.0	955.1	677.8	585.4	496.4	404.0	311.5	315.0
77.5°	1239.3	927.8	797.7	667.6	534.1	404.0	359.5	315.0	270.5	225.9	232.8
80°	410.8	280.7	260.2	239.6	219.1	198.6	181.4	164.3	147.2	130.1	136.9
82.5°	113.0	85.6	92.4	102.7	109.5	116.4	116.4	116.4	113.0	113.0	113.0
85°	47.9	44.5	41.1	41.1	37.7	34.2	41.1	47.9	54.8	61.6	65.0
87.5°	13.7	13.7	13.7	10.3	10.3	6.8	6.8	6.8	6.8	6.8	10.3
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°	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9
2.5°	1396.8	1389.9	1383.1	1372.8	1366.0	1355.7	1345.4	1335.1	1324.9	1311.2	1300.9
5°	1369.4	1376.2	1383.1	1386.5	1393.3	1396.8	1400.2	1403.6	1407.0	1407.0	1410.5
7.5°	1502.9	1506.3	1506.3	1485.8	1468.7	1448.1	1427.6	1424.1	1424.1	1420.7	1417.3
10°	1468.7	1544.0	1619.3	1619.3	1615.9	1615.9	1612.4	1612.4	1615.9	1615.9	1615.9
12.5°	1619.3	1653.5	1687.8	1674.1	1663.8	1650.1	1636.4	1578.2	1516.6	1458.4	1396.8
15°	1389.9	1424.1	1461.8	1513.2	1564.5	1615.9	1667.2	1663.8	1663.8	1660.4	1656.9
17.5°	1523.4	1557.7	1588.5	1564.5	1540.5	1513.2	1489.2	1444.7	1400.2	1355.7	1311.2
20°	1300.9	1273.5	1246.1	1355.7	1465.2	1574.8	1684.3	1680.9	1680.9	1677.5	1674.1
22.5°	1489.2	1540.5	1595.3	1554.2	1513.2	1472.1	1431.0	1424.1	1413.9	1407.0	1396.8
25°	1544.0	1485.8	1431.0	1533.7	1639.8	1742.5	1845.2	1862.3	1879.5	1893.2	1910.3
27.5°	1656.9	1735.7	1814.4	1793.9	1773.3	1749.4	1728.8	1742.5	1756.2	1769.9	1783.6
30°	1865.8	1876.0	1886.3	2036.9	2191.0	2341.6	2492.3	2512.8	2529.9	2550.5	2567.6
32.5°	2225.2	2338.2	2454.6	2547.0	2642.9	2735.3	2827.8	2951.0	3077.7	3200.9	3324.2
35°	2625.8	2776.4	2927.0	3105.1	3286.5	3464.5	3642.5	3687.0	3735.0	3779.5	3824.0
37.5°	2933.9	3105.1	3276.2	3461.1	3642.5	3827.4	4008.8	4043.1	4077.3	4111.5	4145.8
40°	3218.0	3375.5	3533.0	3728.1	3923.3	4118.4	4313.5	4340.9	4368.3	4395.7	4423.1
42.5°	3450.8	3604.9	3762.4	3957.5	4152.6	4347.8	4542.9	4566.9	4587.4	4611.4	4631.9
45°	3673.3	3854.8	4036.2	4207.4	4378.6	4546.3	4717.5	4734.6	4748.3	4765.4	4779.1
47.5°	3803.4	3984.9	4166.3	4327.2	4488.1	4645.6	4806.5	4806.5	4806.5	4806.5	4806.5
50°	3960.9	4169.7	4382.0	4464.2	4542.9	4625.1	4703.8	4686.7	4669.6	4649.0	4631.9
52.5°	3919.8	4084.2	4245.1	4275.9	4306.7	4337.5	4368.3	4323.8	4282.7	4238.2	4193.7
55°	3728.1	3810.3	3895.9	3844.5	3789.7	3738.4	3683.6	3556.9	3430.3	3303.6	3176.9
57.5°	3341.3	3327.6	3313.9	3176.9	3043.4	2906.5	2769.6	2687.4	2608.7	2526.5	2444.3
60°	2779.8	2704.5	2629.2	2506.0	2382.7	2259.5	2136.2	2091.7	2043.8	1999.3	1951.4
62.5°	2122.5	2016.4	1910.3	1848.7	1787.0	1725.4	1663.8	1619.3	1571.4	1526.9	1478.9
65°	1571.4	1472.1	1372.8	1321.4	1270.1	1215.3	1164.0	1133.2	1102.3	1068.1	1037.3
67.5°	1057.8	985.9	914.1	883.2	849.0	818.2	784.0	770.3	753.2	739.5	722.3
70°	684.7	650.5	612.8	599.1	588.8	575.1	561.4	547.7	534.1	520.4	506.7
72.5°	455.3	445.0	434.8	427.9	421.1	414.2	407.4	400.5	390.3	383.4	373.2
75°	315.0	318.4	318.4	315.0	315.0	311.5	308.1	280.7	253.3	225.9	198.6
77.5°	236.2	243.1	246.5	229.4	212.3	191.7	174.6	171.2	167.7	164.3	160.9
80°	147.2	154.1	160.9	154.1	150.6	143.8	136.9	130.1	123.2	116.4	109.5
82.5°	113.0	113.0	113.0	106.1	99.3	89.0	82.2	78.7	75.3	71.9	68.5
85°	68.5	71.9	75.3	68.5	58.2	51.4	41.1	34.2	27.4	20.5	13.7
87.5°	10.3	13.7	13.7	13.7	10.3	10.3	6.8	6.8	6.8	3.4	3.4
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: P559832

CATALOG NUMBER: SDL-PA1-100-730-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	1122.9	1122.9
2.5°	1273.5	1246.1
5°	1413.9	1417.3
7.5°	1331.7	1242.7
10°	1615.9	1615.9
12.5°	1379.6	1359.1
15°	1650.1	1643.2
17.5°	1307.8	1300.9
20°	1670.6	1667.2
22.5°	1396.8	1393.3
25°	1913.7	1913.7
27.5°	1783.6	1780.2
30°	2567.6	2567.6
32.5°	3389.2	3450.8
35°	3834.2	3844.5
37.5°	4162.9	4176.6
40°	4433.3	4443.6
42.5°	4635.3	4635.3
45°	4779.1	4779.1
47.5°	4803.1	4799.7
50°	4621.6	4611.4
52.5°	4152.6	4108.1
55°	3153.0	3125.6
57.5°	2437.5	2427.2
60°	1951.4	1951.4
62.5°	1465.2	1451.5
65°	1023.6	1006.5
67.5°	715.5	708.7
70°	506.7	503.2
72.5°	369.7	366.3
75°	195.1	188.3
77.5°	160.9	157.5
80°	113.0	113.0
82.5°	68.5	65.0
85°	10.3	6.8
87.5°	3.4	3.4
90°	0.0	0.0



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