

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: NEO-RAY

Report Number: P333358-840

Luminaire Tested: **S125DIW-S375D1340U840-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333358-840
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-7,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125DIW-S375D1340U840-4F0-1E-UDD-A
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 375 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 1340 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6971.5 lumens
Efficiency: N/A
Efficacy: 149.6 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.23 / 1.52
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')
CIE Type: Semi-Indirect

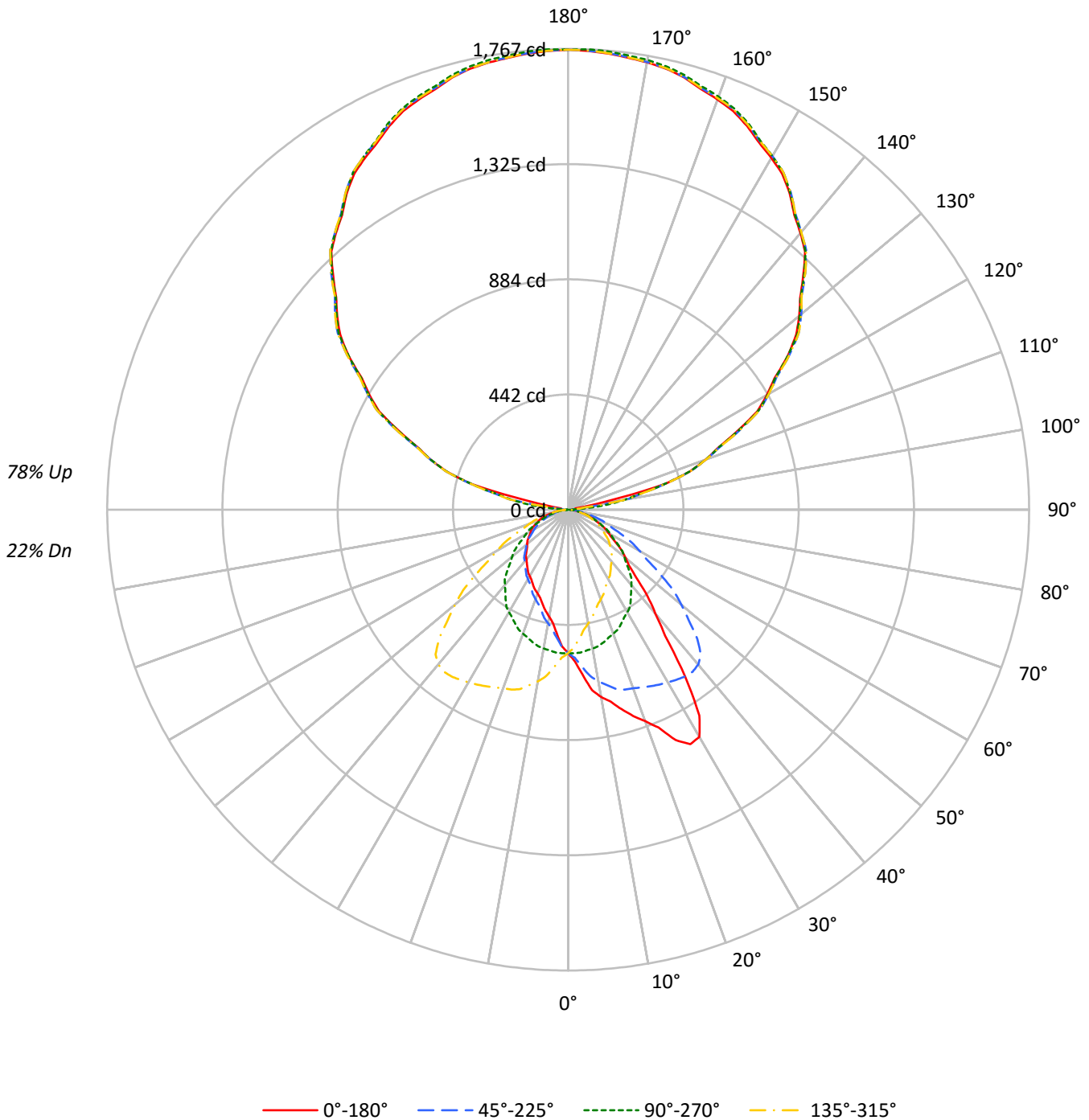
Input Watts (W): 46.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	101	101	101	101	89	89	89	89	68	68	68	49	49	49	31	31	31	22
1	92	88	84	81	81	78	75	72	60	58	56	43	42	40	27	27	26	19
2	83	77	71	66	74	68	63	59	52	49	46	38	36	34	24	23	22	16
3	76	67	60	55	67	60	54	49	46	42	39	33	31	29	21	20	19	14
4	70	59	52	46	61	53	47	42	41	36	33	30	27	24	19	18	16	12
5	64	53	45	39	56	47	41	36	36	32	28	26	23	21	17	15	14	10
6	59	47	39	34	52	42	36	31	33	28	25	24	21	18	16	14	12	9
7	54	42	35	30	48	38	31	27	29	25	21	22	18	16	14	12	11	8
8	50	38	31	26	44	34	28	24	27	22	19	20	17	14	13	11	10	7
9	46	35	28	23	41	31	25	21	24	20	17	18	15	13	12	10	9	6
10	43	32	25	20	38	29	23	18	22	18	15	17	14	11	11	9	8	6

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3551	3551	3551	3551
5°	4112	3563	3120	3563
10°	4783	3545	2733	3545
15°	5295	3518	2521	3518
20°	5927	3477	2351	3477
25°	6944	3430	2268	3430
30°	7500	3384	2196	3384
35°	6166	3299	2149	3299
40°	4383	3179	2097	3179
45°	3368	3018	2067	3018
50°	2875	2817	2063	2817
55°	2559	2622	2081	2622
60°	2308	2408	2134	2408
65°	2133	2193	2190	2193
70°	1939	1969	2221	1969
75°	1712	1737	2201	1737
80°	1443	1417	2012	1417
85°	1149	1015	1623	1015



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.9	0.8
10°-20°	157.6	2.3
20°-30°	255.9	3.7
30°-40°	312.1	4.5
40°-50°	283.9	4.1
50°-60°	226.2	3.2
60°-70°	157.5	2.3
70°-80°	84.0	1.2
80°-90°	24.9	0.4
90°-100°	64.1	0.9
100°-110°	395.0	5.7
110°-120°	716.5	10.3
120°-130°	919.5	13.2
130°-140°	989.0	14.2
140°-150°	928.3	13.3
150°-160°	750.9	10.8
160°-170°	485.7	7.0
170°-180°	167.5	2.4
0°-30°	466.4	6.7
0°-40°	778.5	11.2
0°-60°	1288.6	18.5
0°-90°	1555.0	22.3
90°-120°	1175.6	16.9
90°-150°	4012.4	57.6
90°-180°	5416.0	77.7
0°-180°	6971.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	550	550	550	550	550	
5°	634	550	481	550	634	64
15°	792	526	377	526	792	227
25°	974	481	318	481	974	445
35°	782	418	273	418	782	479
45°	369	330	226	330	369	295
55°	227	233	185	233	227	205
65°	140	144	143	144	140	138
75°	69	70	88	70	69	74
85°	16	14	22	14	16	19
90°	31	1	31	1	31	14
95°	28	74	28	74	28	23
105°	388	384	388	384	388	351
115°	716	722	716	722	716	711
125°	1026	1026	1026	1026	1026	913
135°	1275	1280	1275	1280	1275	984
145°	1480	1484	1480	1484	1480	925
155°	1623	1634	1623	1634	1623	748
165°	1716	1725	1716	1725	1716	484
175°	1756	1764	1756	1764	1756	167
180°	1764	1764	1764	1764	1764	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	549.8	549.8	549.8	549.8	549.8	549.8	549.8	549.8	549.8	549.8	549.8
2.5°	581.5	580.8	580.0	578.6	579.7	576.4	575.0	572.4	569.2	568.0	566.7
5°	634.2	635.4	636.6	631.7	632.2	628.8	621.4	615.3	610.5	604.1	599.7
7.5°	697.7	695.0	694.7	691.6	686.1	681.7	673.9	663.9	654.2	643.2	634.1
10°	729.4	729.7	727.6	723.9	718.0	713.8	703.6	693.8	681.9	667.8	657.8
12.5°	753.4	754.4	751.6	746.6	743.8	734.4	726.3	714.7	700.5	689.3	674.1
15°	791.9	789.4	787.6	781.2	776.4	766.6	753.8	741.5	726.2	712.0	697.7
17.5°	829.2	831.3	827.8	822.0	806.8	795.4	778.2	761.5	742.4	723.3	706.3
20°	862.4	864.3	859.0	848.9	830.7	819.3	796.7	775.2	753.1	728.5	709.8
22.5°	903.9	902.4	895.1	879.9	864.1	843.0	818.5	792.3	764.6	736.9	712.1
25°	974.4	964.6	960.2	941.3	920.6	889.5	856.0	817.7	783.2	746.5	714.8
27.5°	1013.6	1010.5	1005.5	992.4	970.6	937.4	897.8	851.1	802.4	756.2	714.6
30°	1005.7	1006.2	1006.6	1002.5	988.5	963.5	924.0	873.9	816.0	764.0	715.9
32.5°	936.2	944.7	952.9	962.5	966.4	961.6	937.0	891.6	832.0	773.0	715.2
35°	782.1	784.8	811.1	837.3	872.7	900.3	918.7	898.6	848.5	780.5	714.3
37.5°	609.9	622.5	640.8	670.2	721.4	767.3	826.3	853.3	837.2	783.0	712.7
40°	519.9	531.6	543.5	573.6	616.7	672.3	739.2	796.4	809.7	775.2	707.0
42.5°	450.5	459.7	472.9	495.5	531.6	580.8	644.8	719.5	765.5	752.5	695.3
45°	368.7	374.6	384.8	402.7	428.9	467.4	523.8	605.5	676.7	700.2	667.4
47.5°	315.6	315.6	323.6	335.9	354.8	387.5	429.3	493.2	569.3	625.5	622.9
50°	286.1	284.9	291.2	301.9	316.9	338.6	378.5	429.6	502.6	566.3	584.1
52.5°	260.6	260.8	264.7	272.7	285.2	303.7	333.5	379.6	441.9	507.4	540.8
55°	227.3	226.3	230.8	236.1	245.3	257.4	278.8	314.1	364.8	429.1	472.5
57.5°	196.6	199.2	201.0	204.7	212.3	220.5	238.5	264.4	304.6	359.8	405.7
60°	178.7	181.3	182.7	186.4	192.5	199.5	213.5	234.5	268.3	316.0	361.4
62.5°	162.7	164.7	165.2	168.5	173.5	180.3	191.3	208.9	235.7	277.3	321.8
65°	139.6	139.6	140.5	144.0	146.3	152.4	160.8	173.6	195.1	227.5	265.6
67.5°	117.2	118.4	118.2	119.7	121.8	126.5	132.5	143.1	159.1	182.7	213.2
70°	102.7	103.6	103.4	104.5	106.8	109.9	114.8	124.8	136.2	156.5	182.7
72.5°	89.6	90.0	89.4	90.9	92.3	94.9	100.5	105.8	116.4	133.6	155.1
75°	68.6	69.1	69.6	70.5	71.9	73.3	76.0	81.4	88.5	101.3	115.0
77.5°	51.4	50.5	51.7	51.5	52.3	53.4	55.8	58.7	64.4	72.6	83.2
80°	38.8	39.0	39.0	39.2	40.4	41.1	43.1	45.2	49.7	55.7	63.2
82.5°	28.3	28.9	28.5	29.0	29.9	30.4	31.6	33.3	35.9	40.7	46.0
85°	15.5	14.2	14.7	15.1	15.1	15.5	16.4	17.1	18.5	20.3	22.4
87.5°	10.8	10.9	11.0	10.8	10.8	10.6	11.0	10.7	11.0	11.3	11.6
90°	31.4	30.5	29.6	28.8	27.9	26.8	25.2	23.8	22.4	20.9	18.9
92.5°	29.3	28.9	28.5	28.1	27.7	26.8	25.2	23.8	22.4	20.9	19.1
95°	27.5	27.5	27.5	27.5	27.5	26.8	25.2	23.8	22.4	20.9	31.9
97.5°	27.5	27.5	27.5	27.5	27.5	31.5	39.8	48.0	56.1	64.3	86.1
100°	27.5	28.6	29.8	30.9	32.1	54.3	97.7	140.9	184.2	227.5	226.3
102.5°	164.5	184.2	204.0	223.8	243.5	257.5	265.7	273.9	282.1	290.2	289.5
105°	388.3	388.6	388.9	389.2	389.5	389.6	389.6	389.6	389.6	389.6	389.6
107.5°	489.6	490.4	491.3	492.1	493.0	493.4	493.4	493.3	493.2	493.2	492.6
110°	559.7	559.4	559.1	558.8	558.5	558.8	559.7	560.5	561.4	562.2	561.7



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	622.4	622.8	623.2	623.6	624.0	624.8	625.9	626.9	628.0	629.1	628.8
115°	716.5	718.2	720.0	721.8	723.5	725.0	726.1	727.3	728.4	729.6	729.3
117.5°	817.0	817.7	818.5	819.2	819.9	821.1	822.6	824.2	825.7	827.2	826.1
120°	878.7	880.1	881.5	883.0	884.4	885.4	886.1	886.7	887.3	887.8	887.0
122.5°	937.3	938.9	940.6	942.3	943.9	945.1	945.6	946.2	946.8	947.5	947.1
125°	1026.4	1027.2	1028.1	1029.1	1029.9	1030.9	1032.1	1033.2	1034.4	1035.5	1035.5
127.5°	1101.5	1103.6	1105.8	1107.9	1110.0	1111.5	1112.1	1112.8	1113.4	1114.0	1114.2
130°	1155.9	1157.3	1158.7	1160.2	1161.6	1162.9	1163.7	1164.6	1165.5	1166.3	1166.0
132.5°	1206.1	1207.5	1209.0	1210.4	1211.8	1212.6	1212.8	1213.0	1213.3	1213.4	1214.1
135°	1274.9	1276.6	1278.3	1280.1	1281.8	1282.9	1283.5	1284.1	1284.8	1285.3	1285.9
137.5°	1343.8	1345.3	1346.9	1348.4	1349.9	1350.6	1350.5	1350.4	1350.3	1350.2	1350.7
140°	1384.6	1386.4	1388.2	1389.9	1391.6	1392.2	1391.6	1391.1	1390.5	1389.9	1390.2
142.5°	1423.4	1425.1	1426.8	1428.6	1430.4	1431.2	1431.1	1430.9	1430.8	1430.7	1430.3
145°	1480.2	1481.9	1483.6	1485.3	1487.1	1487.8	1487.5	1487.2	1486.9	1486.6	1486.6
147.5°	1526.9	1529.0	1531.1	1533.2	1535.3	1536.2	1535.8	1535.5	1535.1	1534.8	1534.4
150°	1557.2	1559.5	1561.9	1564.2	1566.5	1567.4	1566.8	1566.3	1565.7	1565.1	1564.5
152.5°	1585.5	1587.6	1589.7	1591.7	1593.9	1594.6	1594.1	1593.5	1592.9	1592.3	1591.7
155°	1622.7	1625.0	1627.3	1629.6	1631.9	1632.6	1631.7	1630.9	1630.0	1629.2	1628.6
157.5°	1653.8	1656.1	1658.4	1660.7	1663.0	1663.8	1662.8	1661.9	1660.9	1660.0	1660.0
160°	1673.6	1676.0	1678.3	1680.6	1682.9	1683.5	1682.3	1681.2	1680.0	1678.9	1678.6
162.5°	1691.4	1693.9	1696.5	1699.1	1701.6	1702.1	1700.5	1698.8	1697.2	1695.6	1695.3
165°	1715.5	1717.8	1720.1	1722.4	1724.7	1725.1	1723.3	1721.5	1719.8	1718.1	1717.8
167.5°	1732.2	1734.8	1737.5	1740.0	1742.6	1742.9	1740.8	1738.8	1736.7	1734.5	1734.2
170°	1741.6	1744.2	1746.9	1749.5	1752.1	1752.2	1749.9	1747.6	1745.2	1742.9	1742.6
172.5°	1747.9	1750.5	1753.1	1755.8	1758.4	1758.6	1756.6	1754.4	1752.3	1750.2	1749.7
175°	1756.0	1758.6	1761.2	1763.8	1766.5	1766.6	1764.2	1761.9	1759.6	1757.3	1757.1
177.5°	1760.7	1762.5	1764.4	1766.3	1768.2	1768.3	1766.7	1765.0	1763.4	1761.7	1761.5
180°	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	549.8	549.8	549.8	549.8	549.8	549.8	549.8	549.8	549.8	549.8	549.8
2.5°	565.6	564.3	562.8	560.2	557.0	555.3	552.8	551.1	547.8	544.9	541.9
5°	594.3	588.2	582.7	575.4	567.5	562.4	556.3	549.6	542.5	535.3	527.4
7.5°	624.1	613.3	601.7	589.2	576.8	565.5	554.7	544.2	534.3	522.3	512.2
10°	644.0	630.5	616.0	599.1	582.4	567.9	553.3	540.5	527.4	513.4	501.0
12.5°	664.0	646.0	625.5	606.8	586.9	569.5	552.2	535.7	519.4	503.8	489.4
15°	678.1	662.3	643.4	616.7	594.3	570.3	547.4	526.2	506.3	489.1	470.9
17.5°	687.4	666.9	646.6	621.2	591.8	564.9	539.0	514.6	492.3	470.4	452.9
20°	689.0	668.0	646.8	621.9	591.8	561.0	535.0	505.9	481.9	459.2	437.8
22.5°	688.5	664.7	641.6	615.9	586.5	558.2	526.8	497.2	471.0	448.8	426.4
25°	683.3	657.8	628.8	603.0	574.0	543.9	512.2	481.4	454.8	429.4	407.2
27.5°	678.8	645.9	613.1	582.9	554.9	527.4	497.0	465.4	436.0	410.2	389.3
30°	673.5	637.2	600.4	568.9	540.2	513.4	484.6	453.8	423.0	397.9	375.5
32.5°	668.6	626.4	587.5	553.2	522.8	496.8	470.3	441.0	410.7	385.2	362.7
35°	659.2	610.5	565.8	527.1	494.7	467.9	445.7	418.4	390.6	365.9	344.5
37.5°	647.3	589.5	541.6	501.0	465.4	437.2	416.6	395.6	368.9	345.1	325.7
40°	637.9	574.5	523.8	482.3	445.5	416.1	396.9	377.1	355.0	332.8	312.3
42.5°	626.2	561.1	505.9	461.2	424.7	396.1	376.0	359.2	339.6	318.9	299.9
45°	604.6	536.7	477.0	428.9	392.0	363.8	343.1	330.4	315.7	296.1	280.0
47.5°	572.8	507.5	445.7	396.1	358.0	331.8	312.4	300.2	289.9	275.4	260.7
50°	544.6	485.6	423.0	373.9	335.8	309.4	291.4	280.4	271.7	260.4	248.0
52.5°	513.1	458.2	400.8	352.1	314.5	288.5	270.9	261.3	253.9	245.9	233.7
55°	462.9	416.3	363.0	316.9	282.2	256.7	241.3	232.9	226.8	220.8	213.3
57.5°	407.8	371.2	324.2	281.9	249.8	226.7	212.4	204.2	199.4	196.3	192.0
60°	368.9	337.7	297.1	258.5	227.3	206.7	192.8	186.4	182.5	180.0	176.6
62.5°	332.9	307.2	269.6	234.5	207.1	187.7	175.2	169.1	165.3	164.0	161.4
65°	279.8	259.9	228.9	199.8	176.4	159.9	149.4	143.5	141.2	139.8	140.0
67.5°	227.4	215.4	190.5	165.6	146.9	133.1	124.6	120.2	119.0	117.1	117.1
70°	195.5	186.4	165.4	143.7	127.1	116.4	109.0	104.3	103.1	102.2	102.0
72.5°	167.3	159.4	141.2	123.8	108.9	99.5	93.3	90.5	88.6	88.1	88.0
75°	125.7	121.4	106.8	93.1	82.8	76.3	72.1	69.6	68.2	67.9	68.2
77.5°	89.4	85.5	76.3	66.6	60.1	55.1	51.6	50.7	49.2	49.2	49.0
80°	67.2	64.6	58.8	51.1	45.7	41.5	39.7	38.1	37.6	36.9	37.6
82.5°	48.7	45.9	42.0	37.1	32.6	30.2	28.3	27.8	27.5	27.2	27.3
85°	24.0	24.2	21.9	18.2	16.4	14.9	13.7	13.7	13.5	13.3	13.5
87.5°	11.6	10.8	9.7	8.7	7.3	6.3	5.6	5.4	5.3	5.5	6.2
90°	16.9	14.8	12.8	10.6	8.3	6.0	3.6	1.3	3.6	6.0	8.3
92.5°	17.3	15.6	13.7	13.6	15.2	16.9	18.5	20.1	18.5	16.9	15.2
95°	43.0	54.0	65.0	71.0	71.9	72.8	73.6	74.5	73.6	72.8	71.9
97.5°	108.1	129.9	151.7	161.9	160.3	158.8	157.1	155.6	157.1	158.8	160.3
100°	225.2	224.0	222.9	221.9	221.0	220.0	219.2	218.3	219.2	220.0	221.0
102.5°	288.9	288.2	287.5	286.6	285.5	284.4	283.3	282.2	283.3	284.4	285.5
105°	389.6	389.6	389.6	389.1	387.9	386.8	385.6	384.5	385.6	386.8	387.9
107.5°	492.0	491.5	490.9	490.6	490.6	490.6	490.6	490.6	490.6	490.6	490.6
110°	561.1	560.5	559.9	559.7	559.7	559.7	559.7	559.7	559.7	559.7	559.7



TEST NUMBER: P333358-840

CATALOG NUMBER: S125DIW-S375D1340U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	628.4	628.1	627.8	627.2	626.5	625.9	625.2	624.5	625.2	625.9	626.5
115°	729.0	728.7	728.4	727.6	726.1	724.7	723.2	721.8	723.2	724.7	726.1
117.5°	825.0	823.8	822.7	822.2	822.2	822.3	822.3	822.4	822.3	822.3	822.2
120°	886.1	885.1	884.3	884.0	884.3	884.6	884.9	885.1	884.9	884.6	884.3
122.5°	946.6	946.2	945.8	945.0	943.9	942.8	941.7	940.6	941.7	942.8	943.9
125°	1035.5	1035.5	1035.5	1034.5	1032.5	1030.5	1028.4	1026.4	1028.4	1030.5	1032.5
127.5°	1114.4	1114.5	1114.7	1114.1	1112.6	1111.2	1109.7	1108.2	1109.7	1111.2	1112.6
130°	1165.7	1165.5	1165.2	1164.3	1162.9	1161.3	1159.9	1158.4	1159.9	1161.3	1162.9
132.5°	1214.7	1215.3	1216.0	1215.4	1213.8	1212.0	1210.3	1208.7	1210.3	1212.0	1213.8
135°	1286.5	1287.1	1287.6	1287.1	1285.3	1283.5	1281.8	1280.1	1281.8	1283.5	1285.3
137.5°	1351.2	1351.7	1352.2	1351.7	1350.2	1348.7	1347.2	1345.7	1347.2	1348.7	1350.2
140°	1390.5	1390.8	1391.1	1390.9	1390.3	1389.8	1389.2	1388.6	1389.2	1389.8	1390.3
142.5°	1429.9	1429.5	1429.1	1428.7	1428.4	1427.9	1427.6	1427.2	1427.6	1427.9	1428.4
145°	1486.6	1486.6	1486.6	1486.3	1485.8	1485.2	1484.6	1484.0	1484.6	1485.2	1485.8
147.5°	1534.1	1533.7	1533.4	1533.3	1533.4	1533.5	1533.6	1533.7	1533.6	1533.5	1533.4
150°	1564.0	1563.4	1562.8	1562.8	1563.4	1564.0	1564.5	1565.1	1564.5	1564.0	1563.4
152.5°	1591.1	1590.5	1589.9	1590.3	1591.6	1592.9	1594.2	1595.4	1594.2	1592.9	1591.6
155°	1628.0	1627.4	1626.9	1627.4	1629.2	1630.9	1632.6	1634.4	1632.6	1630.9	1629.2
157.5°	1659.9	1659.8	1659.8	1660.3	1661.3	1662.3	1663.4	1664.5	1663.4	1662.3	1661.3
160°	1678.3	1678.0	1677.7	1678.4	1680.1	1681.9	1683.6	1685.4	1683.6	1681.9	1680.1
162.5°	1695.1	1694.8	1694.5	1695.2	1696.9	1698.6	1700.4	1702.1	1700.4	1698.6	1696.9
165°	1717.5	1717.2	1716.9	1717.7	1719.4	1721.1	1722.8	1724.6	1722.8	1721.1	1719.4
167.5°	1733.9	1733.6	1733.4	1734.1	1736.0	1737.8	1739.6	1741.3	1739.6	1737.8	1736.0
170°	1742.3	1742.0	1741.7	1742.6	1744.6	1746.7	1748.8	1750.8	1748.8	1746.7	1744.6
172.5°	1749.2	1748.7	1748.2	1748.9	1750.9	1753.0	1755.0	1757.1	1755.0	1753.0	1750.9
175°	1756.8	1756.5	1756.2	1756.9	1758.6	1760.4	1762.1	1763.8	1762.1	1760.4	1758.6
177.5°	1761.3	1761.1	1760.8	1761.4	1762.8	1764.2	1765.5	1767.0	1765.5	1764.2	1762.8
180°	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8



TEST NUMBER: P333358-840

CATALOG NUMBER: S125DIW-S375D1340U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	549.8	549.8	549.8	549.8	549.8	549.8	549.8	549.8	549.8	549.8	549.8
2.5°	540.3	538.2	536.5	532.8	530.7	528.0	525.7	528.2	525.5	526.6	524.9
5°	523.4	516.8	512.2	505.4	499.6	494.2	490.3	489.6	487.7	486.8	483.9
7.5°	503.1	494.9	487.0	478.1	470.6	463.0	458.2	454.1	451.5	448.0	445.6
10°	491.2	480.2	470.9	460.2	450.8	442.6	436.2	432.8	429.8	425.4	423.7
12.5°	476.5	465.1	453.7	442.2	433.2	424.1	418.6	413.6	411.5	406.6	406.1
15°	458.8	441.7	430.5	418.9	406.5	399.0	394.4	389.0	386.7	383.1	380.6
17.5°	437.7	422.4	408.5	396.4	385.8	379.5	373.7	370.0	366.0	363.7	359.5
20°	422.3	407.9	393.8	381.0	372.8	365.7	361.0	357.5	353.3	352.1	347.9
22.5°	409.5	393.5	380.1	369.3	360.4	352.2	347.2	344.8	341.9	338.3	337.5
25°	388.5	371.9	360.5	349.8	341.8	334.4	330.9	327.9	325.1	322.4	321.5
27.5°	370.4	355.6	342.0	332.3	325.4	318.6	315.6	311.8	309.8	307.7	305.2
30°	357.7	342.5	330.6	321.3	313.9	307.8	304.5	301.9	300.1	298.2	296.8
32.5°	344.7	330.6	319.1	309.9	302.5	297.9	295.0	293.2	291.1	288.9	287.1
35°	327.4	311.9	300.7	292.9	287.0	283.5	280.2	278.6	276.3	276.3	274.4
37.5°	307.9	294.6	284.7	277.5	272.3	269.1	265.6	264.5	263.0	262.0	261.4
40°	296.4	284.0	274.7	267.4	261.9	259.2	256.4	254.6	253.7	252.5	252.1
42.5°	284.4	272.6	263.7	257.0	252.1	249.9	247.3	246.0	244.1	242.6	242.3
45°	266.2	254.8	246.6	241.3	237.1	234.5	232.9	230.0	229.1	227.3	227.0
47.5°	249.0	238.0	230.0	225.6	222.0	219.8	217.3	214.5	213.4	212.5	212.4
50°	236.1	226.1	218.6	214.5	211.0	207.9	205.3	203.5	202.8	202.8	203.3
52.5°	223.1	214.5	208.2	203.1	199.8	196.5	194.1	193.0	192.0	193.1	193.9
55°	204.0	195.3	190.7	185.7	182.5	178.7	177.5	177.1	176.4	178.2	179.3
57.5°	183.7	177.6	172.2	167.3	164.4	162.2	160.7	160.4	161.7	162.6	165.6
60°	170.8	163.8	159.0	155.2	151.7	150.3	149.8	149.4	150.3	152.8	156.8
62.5°	156.6	151.0	145.6	142.9	140.3	137.9	137.8	138.1	140.0	143.0	146.9
65°	135.8	130.9	127.4	124.1	122.0	120.7	121.1	122.0	124.1	128.2	132.5
67.5°	114.6	111.3	108.2	105.5	103.5	103.5	104.0	105.4	107.9	112.4	116.4
70°	101.1	97.4	94.7	93.6	91.9	91.0	92.4	94.7	96.8	101.1	104.5
72.5°	87.5	84.2	82.2	81.4	80.7	80.0	80.5	83.0	85.8	90.0	94.1
75°	67.2	66.0	64.6	63.7	63.0	63.5	63.9	66.2	68.6	73.0	77.7
77.5°	49.1	47.9	47.0	46.8	46.4	46.7	48.0	49.7	51.9	55.1	58.7
80°	37.1	36.7	36.2	36.0	36.0	36.2	38.1	39.2	41.3	44.3	47.2
82.5°	27.1	26.8	26.7	26.6	26.8	26.9	28.0	29.5	31.2	33.5	36.0
85°	14.2	13.7	14.4	14.7	14.2	14.9	15.5	16.4	17.1	18.2	19.4
87.5°	6.8	7.6	7.8	8.4	8.8	9.6	9.7	10.7	11.4	12.0	12.1
90°	10.6	12.8	14.8	16.9	18.9	20.9	22.4	23.8	25.2	26.8	27.9
92.5°	13.6	13.7	15.6	17.3	19.1	20.9	22.4	23.8	25.2	26.8	27.7
95°	71.0	65.0	54.0	43.0	31.9	20.9	22.4	23.8	25.2	26.8	27.5
97.5°	161.9	151.7	129.9	108.1	86.1	64.3	56.1	48.0	39.8	31.5	27.5
100°	221.9	222.9	224.0	225.2	226.3	227.5	184.2	140.9	97.7	54.3	32.1
102.5°	286.6	287.5	288.2	288.9	289.5	290.2	282.1	273.9	265.7	257.5	243.5
105°	389.1	389.6	389.6	389.6	389.6	389.6	389.6	389.6	389.6	389.6	389.5
107.5°	490.6	490.9	491.5	492.0	492.6	493.2	493.2	493.3	493.4	493.4	493.0
110°	559.7	559.9	560.5	561.1	561.7	562.2	561.4	560.5	559.7	558.8	558.5



TEST NUMBER: P333358-840

CATALOG NUMBER: S125DIW-S375D1340U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	627.2	627.8	628.1	628.4	628.8	629.1	628.0	626.9	625.9	624.8	624.0
115°	727.6	728.4	728.7	729.0	729.3	729.6	728.4	727.3	726.1	725.0	723.5
117.5°	822.2	822.7	823.8	825.0	826.1	827.2	825.7	824.2	822.6	821.1	819.9
120°	884.0	884.3	885.1	886.1	887.0	887.8	887.3	886.7	886.1	885.4	884.4
122.5°	945.0	945.8	946.2	946.6	947.1	947.5	946.8	946.2	945.6	945.1	943.9
125°	1034.5	1035.5	1035.5	1035.5	1035.5	1035.5	1034.4	1033.2	1032.1	1030.9	1029.9
127.5°	1114.1	1114.7	1114.5	1114.4	1114.2	1114.0	1113.4	1112.8	1112.1	1111.5	1110.0
130°	1164.3	1165.2	1165.5	1165.7	1166.0	1166.3	1165.5	1164.6	1163.7	1162.9	1161.6
132.5°	1215.4	1216.0	1215.3	1214.7	1214.1	1213.4	1213.3	1213.0	1212.8	1212.6	1211.8
135°	1287.1	1287.6	1287.1	1286.5	1285.9	1285.3	1284.8	1284.1	1283.5	1282.9	1281.8
137.5°	1351.7	1352.2	1351.7	1351.2	1350.7	1350.2	1350.3	1350.4	1350.5	1350.6	1349.9
140°	1390.9	1391.1	1390.8	1390.5	1390.2	1389.9	1390.5	1391.1	1391.6	1392.2	1391.6
142.5°	1428.7	1429.1	1429.5	1429.9	1430.3	1430.7	1430.8	1430.9	1431.1	1431.2	1430.4
145°	1486.3	1486.6	1486.6	1486.6	1486.6	1486.6	1486.9	1487.2	1487.5	1487.8	1487.1
147.5°	1533.3	1533.4	1533.7	1534.1	1534.4	1534.8	1535.1	1535.5	1535.8	1536.2	1535.3
150°	1562.8	1562.8	1563.4	1564.0	1564.5	1565.1	1565.7	1566.3	1566.8	1567.4	1566.5
152.5°	1590.3	1589.9	1590.5	1591.1	1591.7	1592.3	1592.9	1593.5	1594.1	1594.6	1593.9
155°	1627.4	1626.9	1627.4	1628.0	1628.6	1629.2	1630.0	1630.9	1631.7	1632.6	1631.9
157.5°	1660.3	1659.8	1659.8	1659.9	1660.0	1660.0	1660.9	1661.9	1662.8	1663.8	1663.0
160°	1678.4	1677.7	1678.0	1678.3	1678.6	1678.9	1680.0	1681.2	1682.3	1683.5	1682.9
162.5°	1695.2	1694.5	1694.8	1695.1	1695.3	1695.6	1697.2	1698.8	1700.5	1702.1	1701.6
165°	1717.7	1716.9	1717.2	1717.5	1717.8	1718.1	1719.8	1721.5	1723.3	1725.1	1724.7
167.5°	1734.1	1733.4	1733.6	1733.9	1734.2	1734.5	1736.7	1738.8	1740.8	1742.9	1742.6
170°	1742.6	1741.7	1742.0	1742.3	1742.6	1742.9	1745.2	1747.6	1749.9	1752.2	1752.1
172.5°	1748.9	1748.2	1748.7	1749.2	1749.7	1750.2	1752.3	1754.4	1756.6	1758.6	1758.4
175°	1756.9	1756.2	1756.5	1756.8	1757.1	1757.3	1759.6	1761.9	1764.2	1766.6	1766.5
177.5°	1761.4	1760.8	1761.1	1761.3	1761.5	1761.7	1763.4	1765.0	1766.7	1768.3	1768.2
180°	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8



TEST NUMBER: P333358-840

CATALOG NUMBER: S125DIW-S375D1340U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	549.8	549.8	549.8	549.8	549.8	549.8	549.8	549.8	549.8	549.8	549.8
2.5°	523.8	525.1	524.0	525.5	524.0	525.1	523.8	524.9	526.6	525.5	528.2
5°	482.8	480.7	482.1	481.2	482.1	480.7	482.8	483.9	486.8	487.7	489.6
7.5°	444.9	442.9	440.6	439.5	440.6	442.9	444.9	445.6	448.0	451.5	454.1
10°	421.2	418.6	418.4	416.8	418.4	418.6	421.2	423.7	425.4	429.8	432.8
12.5°	403.8	401.4	398.8	398.1	398.8	401.4	403.8	406.1	406.6	411.5	413.6
15°	379.2	377.3	375.7	377.1	375.7	377.3	379.2	380.6	383.1	386.7	389.0
17.5°	358.7	357.2	356.9	355.2	356.9	357.2	358.7	359.5	363.7	366.0	370.0
20°	345.8	344.7	345.2	342.0	345.2	344.7	345.8	347.9	352.1	353.3	357.5
22.5°	335.6	333.3	333.0	332.3	333.0	333.3	335.6	337.5	338.3	341.9	344.8
25°	319.4	318.3	317.1	318.3	317.1	318.3	319.4	321.5	322.4	325.1	327.9
27.5°	305.4	304.0	303.7	303.9	303.7	304.0	305.4	305.2	307.7	309.8	311.8
30°	296.8	294.5	294.7	294.5	294.7	294.5	296.8	296.8	298.2	300.1	301.9
32.5°	287.5	285.9	285.6	285.2	285.6	285.9	287.5	287.1	288.9	291.1	293.2
35°	273.7	273.7	272.6	272.6	272.6	273.7	273.7	274.4	276.3	276.3	278.6
37.5°	260.7	260.5	259.8	259.9	259.8	260.5	260.7	261.4	262.0	263.0	264.5
40°	251.1	250.9	250.1	248.7	250.1	250.9	251.1	252.1	252.5	253.7	254.6
42.5°	241.8	241.0	240.7	240.1	240.7	241.0	241.8	242.3	242.6	244.1	246.0
45°	227.0	227.0	226.6	226.3	226.6	227.0	227.0	227.0	227.3	229.1	230.0
47.5°	212.8	213.2	214.1	213.9	214.1	213.2	212.8	212.4	212.5	213.4	214.5
50°	204.2	204.4	205.1	205.3	205.1	204.4	204.2	203.3	202.8	202.8	203.5
52.5°	194.7	196.0	196.9	196.7	196.9	196.0	194.7	193.9	193.1	192.0	193.0
55°	181.3	183.0	184.6	184.8	184.6	183.0	181.3	179.3	178.2	176.4	177.1
57.5°	168.1	170.4	172.1	172.7	172.1	170.4	168.1	165.6	162.6	161.7	160.4
60°	159.2	162.2	164.3	165.2	164.3	162.2	159.2	156.8	152.8	150.3	149.4
62.5°	150.6	154.0	156.0	156.2	156.0	154.0	150.6	146.9	143.0	140.0	138.1
65°	136.5	140.0	141.9	143.3	141.9	140.0	136.5	132.5	128.2	124.1	122.0
67.5°	121.4	124.9	126.9	128.1	126.9	124.9	121.4	116.4	112.4	107.9	105.4
70°	110.4	113.9	116.6	117.6	116.6	113.9	110.4	104.5	101.1	96.8	94.7
72.5°	99.6	102.7	104.9	106.0	104.9	102.7	99.6	94.1	90.0	85.8	83.0
75°	80.7	84.9	87.1	88.2	87.1	84.9	80.7	77.7	73.0	68.6	66.2
77.5°	62.2	66.0	67.4	68.0	67.4	66.0	62.2	58.7	55.1	51.9	49.7
80°	49.9	52.3	53.9	54.1	53.9	52.3	49.9	47.2	44.3	41.3	39.2
82.5°	38.4	40.3	40.8	41.4	40.8	40.3	38.4	36.0	33.5	31.2	29.5
85°	21.0	21.9	22.2	21.9	22.2	21.9	21.0	19.4	18.2	17.1	16.4
87.5°	12.6	12.6	12.8	13.3	12.8	12.6	12.6	12.1	12.0	11.4	10.7
90°	28.8	29.6	30.5	31.4	30.5	29.6	28.8	27.9	26.8	25.2	23.8
92.5°	28.1	28.5	28.9	29.3	28.9	28.5	28.1	27.7	26.8	25.2	23.8
95°	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	26.8	25.2	23.8
97.5°	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	31.5	39.8	48.0
100°	30.9	29.8	28.6	27.5	28.6	29.8	30.9	32.1	54.3	97.7	140.9
102.5°	223.8	204.0	184.2	164.5	184.2	204.0	223.8	243.5	257.5	265.7	273.9
105°	389.2	388.9	388.6	388.3	388.6	388.9	389.2	389.5	389.6	389.6	389.6
107.5°	492.1	491.3	490.4	489.6	490.4	491.3	492.1	493.0	493.4	493.4	493.3
110°	558.8	559.1	559.4	559.7	559.4	559.1	558.8	558.5	558.8	559.7	560.5



TEST NUMBER: P333358-840

CATALOG NUMBER: S125DIW-S375D1340U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	623.6	623.2	622.8	622.4	622.8	623.2	623.6	624.0	624.8	625.9	626.9
115°	721.8	720.0	718.2	716.5	718.2	720.0	721.8	723.5	725.0	726.1	727.3
117.5°	819.2	818.5	817.7	817.0	817.7	818.5	819.2	819.9	821.1	822.6	824.2
120°	883.0	881.5	880.1	878.7	880.1	881.5	883.0	884.4	885.4	886.1	886.7
122.5°	942.3	940.6	938.9	937.3	938.9	940.6	942.3	943.9	945.1	945.6	946.2
125°	1029.1	1028.1	1027.2	1026.4	1027.2	1028.1	1029.1	1029.9	1030.9	1032.1	1033.2
127.5°	1107.9	1105.8	1103.6	1101.5	1103.6	1105.8	1107.9	1110.0	1111.5	1112.1	1112.8
130°	1160.2	1158.7	1157.3	1155.9	1157.3	1158.7	1160.2	1161.6	1162.9	1163.7	1164.6
132.5°	1210.4	1209.0	1207.5	1206.1	1207.5	1209.0	1210.4	1211.8	1212.6	1212.8	1213.0
135°	1280.1	1278.3	1276.6	1274.9	1276.6	1278.3	1280.1	1281.8	1282.9	1283.5	1284.1
137.5°	1348.4	1346.9	1345.3	1343.8	1345.3	1346.9	1348.4	1349.9	1350.6	1350.5	1350.4
140°	1389.9	1388.2	1386.4	1384.6	1386.4	1388.2	1389.9	1391.6	1392.2	1391.6	1391.1
142.5°	1428.6	1426.8	1425.1	1423.4	1425.1	1426.8	1428.6	1430.4	1431.2	1431.1	1430.9
145°	1485.3	1483.6	1481.9	1480.2	1481.9	1483.6	1485.3	1487.1	1487.8	1487.5	1487.2
147.5°	1533.2	1531.1	1529.0	1526.9	1529.0	1531.1	1533.2	1535.3	1536.2	1535.8	1535.5
150°	1564.2	1561.9	1559.5	1557.2	1559.5	1561.9	1564.2	1566.5	1567.4	1566.8	1566.3
152.5°	1591.7	1589.7	1587.6	1585.5	1587.6	1589.7	1591.7	1593.9	1594.6	1594.1	1593.5
155°	1629.6	1627.3	1625.0	1622.7	1625.0	1627.3	1629.6	1631.9	1632.6	1631.7	1630.9
157.5°	1660.7	1658.4	1656.1	1653.8	1656.1	1658.4	1660.7	1663.0	1663.8	1662.8	1661.9
160°	1680.6	1678.3	1676.0	1673.6	1676.0	1678.3	1680.6	1682.9	1683.5	1682.3	1681.2
162.5°	1699.1	1696.5	1693.9	1691.4	1693.9	1696.5	1699.1	1701.6	1702.1	1700.5	1698.8
165°	1722.4	1720.1	1717.8	1715.5	1717.8	1720.1	1722.4	1724.7	1725.1	1723.3	1721.5
167.5°	1740.0	1737.5	1734.8	1732.2	1734.8	1737.5	1740.0	1742.6	1742.9	1740.8	1738.8
170°	1749.5	1746.9	1744.2	1741.6	1744.2	1746.9	1749.5	1752.1	1752.2	1749.9	1747.6
172.5°	1755.8	1753.1	1750.5	1747.9	1750.5	1753.1	1755.8	1758.4	1758.6	1756.6	1754.4
175°	1763.8	1761.2	1758.6	1756.0	1758.6	1761.2	1763.8	1766.5	1766.6	1764.2	1761.9
177.5°	1766.3	1764.4	1762.5	1760.7	1762.5	1764.4	1766.3	1768.2	1768.3	1766.7	1765.0
180°	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8



TEST NUMBER: P333358-840

CATALOG NUMBER: S125DIW-S375D1340U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	549.8	549.8	549.8	549.8	549.8	549.8	549.8	549.8	549.8	549.8	549.8
2.5°	525.7	528.0	530.7	532.8	536.5	538.2	540.3	541.9	544.9	547.8	551.1
5°	490.3	494.2	499.6	505.4	512.2	516.8	523.4	527.4	535.3	542.5	549.6
7.5°	458.2	463.0	470.6	478.1	487.0	494.9	503.1	512.2	522.3	534.3	544.2
10°	436.2	442.6	450.8	460.2	470.9	480.2	491.2	501.0	513.4	527.4	540.5
12.5°	418.6	424.1	433.2	442.2	453.7	465.1	476.5	489.4	503.8	519.4	535.7
15°	394.4	399.0	406.5	418.9	430.5	441.7	458.8	470.9	489.1	506.3	526.2
17.5°	373.7	379.5	385.8	396.4	408.5	422.4	437.7	452.9	470.4	492.3	514.6
20°	361.0	365.7	372.8	381.0	393.8	407.9	422.3	437.8	459.2	481.9	505.9
22.5°	347.2	352.2	360.4	369.3	380.1	393.5	409.5	426.4	448.8	471.0	497.2
25°	330.9	334.4	341.8	349.8	360.5	371.9	388.5	407.2	429.4	454.8	481.4
27.5°	315.6	318.6	325.4	332.3	342.0	355.6	370.4	389.3	410.2	436.0	465.4
30°	304.5	307.8	313.9	321.3	330.6	342.5	357.7	375.5	397.9	423.0	453.8
32.5°	295.0	297.9	302.5	309.9	319.1	330.6	344.7	362.7	385.2	410.7	441.0
35°	280.2	283.5	287.0	292.9	300.7	311.9	327.4	344.5	365.9	390.6	418.4
37.5°	265.6	269.1	272.3	277.5	284.7	294.6	307.9	325.7	345.1	368.9	395.6
40°	256.4	259.2	261.9	267.4	274.7	284.0	296.4	312.3	332.8	355.0	377.1
42.5°	247.3	249.9	252.1	257.0	263.7	272.6	284.4	299.9	318.9	339.6	359.2
45°	232.9	234.5	237.1	241.3	246.6	254.8	266.2	280.0	296.1	315.7	330.4
47.5°	217.3	219.8	222.0	225.6	230.0	238.0	249.0	260.7	275.4	289.9	300.2
50°	205.3	207.9	211.0	214.5	218.6	226.1	236.1	248.0	260.4	271.7	280.4
52.5°	194.1	196.5	199.8	203.1	208.2	214.5	223.1	233.7	245.9	253.9	261.3
55°	177.5	178.7	182.5	185.7	190.7	195.3	204.0	213.3	220.8	226.8	232.9
57.5°	160.7	162.2	164.4	167.3	172.2	177.6	183.7	192.0	196.3	199.4	204.2
60°	149.8	150.3	151.7	155.2	159.0	163.8	170.8	176.6	180.0	182.5	186.4
62.5°	137.8	137.9	140.3	142.9	145.6	151.0	156.6	161.4	164.0	165.3	169.1
65°	121.1	120.7	122.0	124.1	127.4	130.9	135.8	140.0	139.8	141.2	143.5
67.5°	104.0	103.5	103.5	105.5	108.2	111.3	114.6	117.1	117.1	119.0	120.2
70°	92.4	91.0	91.9	93.6	94.7	97.4	101.1	102.0	102.2	103.1	104.3
72.5°	80.5	80.0	80.7	81.4	82.2	84.2	87.5	88.0	88.1	88.6	90.5
75°	63.9	63.5	63.0	63.7	64.6	66.0	67.2	68.2	67.9	68.2	69.6
77.5°	48.0	46.7	46.4	46.8	47.0	47.9	49.1	49.0	49.2	49.2	50.7
80°	38.1	36.2	36.0	36.0	36.2	36.7	37.1	37.6	36.9	37.6	38.1
82.5°	28.0	26.9	26.8	26.6	26.7	26.8	27.1	27.3	27.2	27.5	27.8
85°	15.5	14.9	14.2	14.7	14.4	13.7	14.2	13.5	13.3	13.5	13.7
87.5°	9.7	9.6	8.8	8.4	7.8	7.6	6.8	6.2	5.5	5.3	5.4
90°	22.4	20.9	18.9	16.9	14.8	12.8	10.6	8.3	6.0	3.6	1.3
92.5°	22.4	20.9	19.1	17.3	15.6	13.7	13.6	15.2	16.9	18.5	20.1
95°	22.4	20.9	31.9	43.0	54.0	65.0	71.0	71.9	72.8	73.6	74.5
97.5°	56.1	64.3	86.1	108.1	129.9	151.7	161.9	160.3	158.8	157.1	155.6
100°	184.2	227.5	226.3	225.2	224.0	222.9	221.9	221.0	220.0	219.2	218.3
102.5°	282.1	290.2	289.5	288.9	288.2	287.5	286.6	285.5	284.4	283.3	282.2
105°	389.6	389.6	389.6	389.6	389.6	389.6	389.1	387.9	386.8	385.6	384.5
107.5°	493.2	493.2	492.6	492.0	491.5	490.9	490.6	490.6	490.6	490.6	490.6
110°	561.4	562.2	561.7	561.1	560.5	559.9	559.7	559.7	559.7	559.7	559.7



TEST NUMBER: P333358-840

CATALOG NUMBER: S125DIW-S375D1340U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	628.0	629.1	628.8	628.4	628.1	627.8	627.2	626.5	625.9	625.2	624.5
115°	728.4	729.6	729.3	729.0	728.7	728.4	727.6	726.1	724.7	723.2	721.8
117.5°	825.7	827.2	826.1	825.0	823.8	822.7	822.2	822.2	822.3	822.3	822.4
120°	887.3	887.8	887.0	886.1	885.1	884.3	884.0	884.3	884.6	884.9	885.1
122.5°	946.8	947.5	947.1	946.6	946.2	945.8	945.0	943.9	942.8	941.7	940.6
125°	1034.4	1035.5	1035.5	1035.5	1035.5	1035.5	1034.5	1032.5	1030.5	1028.4	1026.4
127.5°	1113.4	1114.0	1114.2	1114.4	1114.5	1114.7	1114.1	1112.6	1111.2	1109.7	1108.2
130°	1165.5	1166.3	1166.0	1165.7	1165.5	1165.2	1164.3	1162.9	1161.3	1159.9	1158.4
132.5°	1213.3	1213.4	1214.1	1214.7	1215.3	1216.0	1215.4	1213.8	1212.0	1210.3	1208.7
135°	1284.8	1285.3	1285.9	1286.5	1287.1	1287.6	1287.1	1285.3	1283.5	1281.8	1280.1
137.5°	1350.3	1350.2	1350.7	1351.2	1351.7	1352.2	1351.7	1350.2	1348.7	1347.2	1345.7
140°	1390.5	1389.9	1390.2	1390.5	1390.8	1391.1	1390.9	1390.3	1389.8	1389.2	1388.6
142.5°	1430.8	1430.7	1430.3	1429.9	1429.5	1429.1	1428.7	1428.4	1427.9	1427.6	1427.2
145°	1486.9	1486.6	1486.6	1486.6	1486.6	1486.6	1486.3	1485.8	1485.2	1484.6	1484.0
147.5°	1535.1	1534.8	1534.4	1534.1	1533.7	1533.4	1533.3	1533.4	1533.5	1533.6	1533.7
150°	1565.7	1565.1	1564.5	1564.0	1563.4	1562.8	1562.8	1563.4	1564.0	1564.5	1565.1
152.5°	1592.9	1592.3	1591.7	1591.1	1590.5	1589.9	1590.3	1591.6	1592.9	1594.2	1595.4
155°	1630.0	1629.2	1628.6	1628.0	1627.4	1626.9	1627.4	1629.2	1630.9	1632.6	1634.4
157.5°	1660.9	1660.0	1660.0	1659.9	1659.8	1659.8	1660.3	1661.3	1662.3	1663.4	1664.5
160°	1680.0	1678.9	1678.6	1678.3	1678.0	1677.7	1678.4	1680.1	1681.9	1683.6	1685.4
162.5°	1697.2	1695.6	1695.3	1695.1	1694.8	1694.5	1695.2	1696.9	1698.6	1700.4	1702.1
165°	1719.8	1718.1	1717.8	1717.5	1717.2	1716.9	1717.7	1719.4	1721.1	1722.8	1724.6
167.5°	1736.7	1734.5	1734.2	1733.9	1733.6	1733.4	1734.1	1736.0	1737.8	1739.6	1741.3
170°	1745.2	1742.9	1742.6	1742.3	1742.0	1741.7	1742.6	1744.6	1746.7	1748.8	1750.8
172.5°	1752.3	1750.2	1749.7	1749.2	1748.7	1748.2	1748.9	1750.9	1753.0	1755.0	1757.1
175°	1759.6	1757.3	1757.1	1756.8	1756.5	1756.2	1756.9	1758.6	1760.4	1762.1	1763.8
177.5°	1763.4	1761.7	1761.5	1761.3	1761.1	1760.8	1761.4	1762.8	1764.2	1765.5	1767.0
180°	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8



TEST NUMBER: P333358-840

CATALOG NUMBER: S125DIW-S375D1340U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	549.8	549.8	549.8	549.8	549.8	549.8	549.8	549.8	549.8	549.8	549.8
2.5°	552.8	555.3	557.0	560.2	562.8	564.3	565.6	566.7	568.0	569.2	572.4
5°	556.3	562.4	567.5	575.4	582.7	588.2	594.3	599.7	604.1	610.5	615.3
7.5°	554.7	565.5	576.8	589.2	601.7	613.3	624.1	634.1	643.2	654.2	663.9
10°	553.3	567.9	582.4	599.1	616.0	630.5	644.0	657.8	667.8	681.9	693.8
12.5°	552.2	569.5	586.9	606.8	625.5	646.0	664.0	674.1	689.3	700.5	714.7
15°	547.4	570.3	594.3	616.7	643.4	662.3	678.1	697.7	712.0	726.2	741.5
17.5°	539.0	564.9	591.8	621.2	646.6	666.9	687.4	706.3	723.3	742.4	761.5
20°	535.0	561.0	591.8	621.9	646.8	668.0	689.0	709.8	728.5	753.1	775.2
22.5°	526.8	558.2	586.5	615.9	641.6	664.7	688.5	712.1	736.9	764.6	792.3
25°	512.2	543.9	574.0	603.0	628.8	657.8	683.3	714.8	746.5	783.2	817.7
27.5°	497.0	527.4	554.9	582.9	613.1	645.9	678.8	714.6	756.2	802.4	851.1
30°	484.6	513.4	540.2	568.9	600.4	637.2	673.5	715.9	764.0	816.0	873.9
32.5°	470.3	496.8	522.8	553.2	587.5	626.4	668.6	715.2	773.0	832.0	891.6
35°	445.7	467.9	494.7	527.1	565.8	610.5	659.2	714.3	780.5	848.5	898.6
37.5°	416.6	437.2	465.4	501.0	541.6	589.5	647.3	712.7	783.0	837.2	853.3
40°	396.9	416.1	445.5	482.3	523.8	574.5	637.9	707.0	775.2	809.7	796.4
42.5°	376.0	396.1	424.7	461.2	505.9	561.1	626.2	695.3	752.5	765.5	719.5
45°	343.1	363.8	392.0	428.9	477.0	536.7	604.6	667.4	700.2	676.7	605.5
47.5°	312.4	331.8	358.0	396.1	445.7	507.5	572.8	622.9	625.5	569.3	493.2
50°	291.4	309.4	335.8	373.9	423.0	485.6	544.6	584.1	566.3	502.6	429.6
52.5°	270.9	288.5	314.5	352.1	400.8	458.2	513.1	540.8	507.4	441.9	379.6
55°	241.3	256.7	282.2	316.9	363.0	416.3	462.9	472.5	429.1	364.8	314.1
57.5°	212.4	226.7	249.8	281.9	324.2	371.2	407.8	405.7	359.8	304.6	264.4
60°	192.8	206.7	227.3	258.5	297.1	337.7	368.9	361.4	316.0	268.3	234.5
62.5°	175.2	187.7	207.1	234.5	269.6	307.2	332.9	321.8	277.3	235.7	208.9
65°	149.4	159.9	176.4	199.8	228.9	259.9	279.8	265.6	227.5	195.1	173.6
67.5°	124.6	133.1	146.9	165.6	190.5	215.4	227.4	213.2	182.7	159.1	143.1
70°	109.0	116.4	127.1	143.7	165.4	186.4	195.5	182.7	156.5	136.2	124.8
72.5°	93.3	99.5	108.9	123.8	141.2	159.4	167.3	155.1	133.6	116.4	105.8
75°	72.1	76.3	82.8	93.1	106.8	121.4	125.7	115.0	101.3	88.5	81.4
77.5°	51.6	55.1	60.1	66.6	76.3	85.5	89.4	83.2	72.6	64.4	58.7
80°	39.7	41.5	45.7	51.1	58.8	64.6	67.2	63.2	55.7	49.7	45.2
82.5°	28.3	30.2	32.6	37.1	42.0	45.9	48.7	46.0	40.7	35.9	33.3
85°	13.7	14.9	16.4	18.2	21.9	24.2	24.0	22.4	20.3	18.5	17.1
87.5°	5.6	6.3	7.3	8.7	9.7	10.8	11.6	11.6	11.3	11.0	10.7
90°	3.6	6.0	8.3	10.6	12.8	14.8	16.9	18.9	20.9	22.4	23.8
92.5°	18.5	16.9	15.2	13.6	13.7	15.6	17.3	19.1	20.9	22.4	23.8
95°	73.6	72.8	71.9	71.0	65.0	54.0	43.0	31.9	20.9	22.4	23.8
97.5°	157.1	158.8	160.3	161.9	151.7	129.9	108.1	86.1	64.3	56.1	48.0
100°	219.2	220.0	221.0	221.9	222.9	224.0	225.2	226.3	227.5	184.2	140.9
102.5°	283.3	284.4	285.5	286.6	287.5	288.2	288.9	289.5	290.2	282.1	273.9
105°	385.6	386.8	387.9	389.1	389.6	389.6	389.6	389.6	389.6	389.6	389.6
107.5°	490.6	490.6	490.6	490.6	490.9	491.5	492.0	492.6	493.2	493.2	493.3
110°	559.7	559.7	559.7	559.7	559.9	560.5	561.1	561.7	562.2	561.4	560.5



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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	625.2	625.9	626.5	627.2	627.8	628.1	628.4	628.8	629.1	628.0	626.9
115°	723.2	724.7	726.1	727.6	728.4	728.7	729.0	729.3	729.6	728.4	727.3
117.5°	822.3	822.3	822.2	822.2	822.7	823.8	825.0	826.1	827.2	825.7	824.2
120°	884.9	884.6	884.3	884.0	884.3	885.1	886.1	887.0	887.8	887.3	886.7
122.5°	941.7	942.8	943.9	945.0	945.8	946.2	946.6	947.1	947.5	946.8	946.2
125°	1028.4	1030.5	1032.5	1034.5	1035.5	1035.5	1035.5	1035.5	1035.5	1034.4	1033.2
127.5°	1109.7	1111.2	1112.6	1114.1	1114.7	1114.5	1114.4	1114.2	1114.0	1113.4	1112.8
130°	1159.9	1161.3	1162.9	1164.3	1165.2	1165.5	1165.7	1166.0	1166.3	1165.5	1164.6
132.5°	1210.3	1212.0	1213.8	1215.4	1216.0	1215.3	1214.7	1214.1	1213.4	1213.3	1213.0
135°	1281.8	1283.5	1285.3	1287.1	1287.6	1287.1	1286.5	1285.9	1285.3	1284.8	1284.1
137.5°	1347.2	1348.7	1350.2	1351.7	1352.2	1351.7	1351.2	1350.7	1350.2	1350.3	1350.4
140°	1389.2	1389.8	1390.3	1390.9	1391.1	1390.8	1390.5	1390.2	1389.9	1390.5	1391.1
142.5°	1427.6	1427.9	1428.4	1428.7	1429.1	1429.5	1429.9	1430.3	1430.7	1430.8	1430.9
145°	1484.6	1485.2	1485.8	1486.3	1486.6	1486.6	1486.6	1486.6	1486.6	1486.9	1487.2
147.5°	1533.6	1533.5	1533.4	1533.3	1533.4	1533.7	1534.1	1534.4	1534.8	1535.1	1535.5
150°	1564.5	1564.0	1563.4	1562.8	1562.8	1563.4	1564.0	1564.5	1565.1	1565.7	1566.3
152.5°	1594.2	1592.9	1591.6	1590.3	1589.9	1590.5	1591.1	1591.7	1592.3	1592.9	1593.5
155°	1632.6	1630.9	1629.2	1627.4	1626.9	1627.4	1628.0	1628.6	1629.2	1630.0	1630.9
157.5°	1663.4	1662.3	1661.3	1660.3	1659.8	1659.8	1659.9	1660.0	1660.0	1660.9	1661.9
160°	1683.6	1681.9	1680.1	1678.4	1677.7	1678.0	1678.3	1678.6	1678.9	1680.0	1681.2
162.5°	1700.4	1698.6	1696.9	1695.2	1694.5	1694.8	1695.1	1695.3	1695.6	1697.2	1698.8
165°	1722.8	1721.1	1719.4	1717.7	1716.9	1717.2	1717.5	1717.8	1718.1	1719.8	1721.5
167.5°	1739.6	1737.8	1736.0	1734.1	1733.4	1733.6	1733.9	1734.2	1734.5	1736.7	1738.8
170°	1748.8	1746.7	1744.6	1742.6	1741.7	1742.0	1742.3	1742.6	1742.9	1745.2	1747.6
172.5°	1755.0	1753.0	1750.9	1748.9	1748.2	1748.7	1749.2	1749.7	1750.2	1752.3	1754.4
175°	1762.1	1760.4	1758.6	1756.9	1756.2	1756.5	1756.8	1757.1	1757.3	1759.6	1761.9
177.5°	1765.5	1764.2	1762.8	1761.4	1760.8	1761.1	1761.3	1761.5	1761.7	1763.4	1765.0
180°	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	549.8	549.8	549.8	549.8	549.8	549.8	549.8
2.5°	575.0	576.4	579.7	578.6	580.0	580.8	581.5
5°	621.4	628.8	632.2	631.7	636.6	635.4	634.2
7.5°	673.9	681.7	686.1	691.6	694.7	695.0	697.7
10°	703.6	713.8	718.0	723.9	727.6	729.7	729.4
12.5°	726.3	734.4	743.8	746.6	751.6	754.4	753.4
15°	753.8	766.6	776.4	781.2	787.6	789.4	791.9
17.5°	778.2	795.4	806.8	822.0	827.8	831.3	829.2
20°	796.7	819.3	830.7	848.9	859.0	864.3	862.4
22.5°	818.5	843.0	864.1	879.9	895.1	902.4	903.9
25°	856.0	889.5	920.6	941.3	960.2	964.6	974.4
27.5°	897.8	937.4	970.6	992.4	1005.5	1010.5	1013.6
30°	924.0	963.5	988.5	1002.5	1006.6	1006.2	1005.7
32.5°	937.0	961.6	966.4	962.5	952.9	944.7	936.2
35°	918.7	900.3	872.7	837.3	811.1	784.8	782.1
37.5°	826.3	767.3	721.4	670.2	640.8	622.5	609.9
40°	739.2	672.3	616.7	573.6	543.5	531.6	519.9
42.5°	644.8	580.8	531.6	495.5	472.9	459.7	450.5
45°	523.8	467.4	428.9	402.7	384.8	374.6	368.7
47.5°	429.3	387.5	354.8	335.9	323.6	315.6	315.6
50°	378.5	338.6	316.9	301.9	291.2	284.9	286.1
52.5°	333.5	303.7	285.2	272.7	264.7	260.8	260.6
55°	278.8	257.4	245.3	236.1	230.8	226.3	227.3
57.5°	238.5	220.5	212.3	204.7	201.0	199.2	196.6
60°	213.5	199.5	192.5	186.4	182.7	181.3	178.7
62.5°	191.3	180.3	173.5	168.5	165.2	164.7	162.7
65°	160.8	152.4	146.3	144.0	140.5	139.6	139.6
67.5°	132.5	126.5	121.8	119.7	118.2	118.4	117.2
70°	114.8	109.9	106.8	104.5	103.4	103.6	102.7
72.5°	100.5	94.9	92.3	90.9	89.4	90.0	89.6
75°	76.0	73.3	71.9	70.5	69.6	69.1	68.6
77.5°	55.8	53.4	52.3	51.5	51.7	50.5	51.4
80°	43.1	41.1	40.4	39.2	39.0	39.0	38.8
82.5°	31.6	30.4	29.9	29.0	28.5	28.9	28.3
85°	16.4	15.5	15.1	15.1	14.7	14.2	15.5
87.5°	11.0	10.6	10.8	10.8	11.0	10.9	10.8
90°	25.2	26.8	27.9	28.8	29.6	30.5	31.4
92.5°	25.2	26.8	27.7	28.1	28.5	28.9	29.3
95°	25.2	26.8	27.5	27.5	27.5	27.5	27.5
97.5°	39.8	31.5	27.5	27.5	27.5	27.5	27.5
100°	97.7	54.3	32.1	30.9	29.8	28.6	27.5
102.5°	265.7	257.5	243.5	223.8	204.0	184.2	164.5
105°	389.6	389.6	389.5	389.2	388.9	388.6	388.3
107.5°	493.4	493.4	493.0	492.1	491.3	490.4	489.6
110°	559.7	558.8	558.5	558.8	559.1	559.4	559.7



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	625.9	624.8	624.0	623.6	623.2	622.8	622.4
115°	726.1	725.0	723.5	721.8	720.0	718.2	716.5
117.5°	822.6	821.1	819.9	819.2	818.5	817.7	817.0
120°	886.1	885.4	884.4	883.0	881.5	880.1	878.7
122.5°	945.6	945.1	943.9	942.3	940.6	938.9	937.3
125°	1032.1	1030.9	1029.9	1029.1	1028.1	1027.2	1026.4
127.5°	1112.1	1111.5	1110.0	1107.9	1105.8	1103.6	1101.5
130°	1163.7	1162.9	1161.6	1160.2	1158.7	1157.3	1155.9
132.5°	1212.8	1212.6	1211.8	1210.4	1209.0	1207.5	1206.1
135°	1283.5	1282.9	1281.8	1280.1	1278.3	1276.6	1274.9
137.5°	1350.5	1350.6	1349.9	1348.4	1346.9	1345.3	1343.8
140°	1391.6	1392.2	1391.6	1389.9	1388.2	1386.4	1384.6
142.5°	1431.1	1431.2	1430.4	1428.6	1426.8	1425.1	1423.4
145°	1487.5	1487.8	1487.1	1485.3	1483.6	1481.9	1480.2
147.5°	1535.8	1536.2	1535.3	1533.2	1531.1	1529.0	1526.9
150°	1566.8	1567.4	1566.5	1564.2	1561.9	1559.5	1557.2
152.5°	1594.1	1594.6	1593.9	1591.7	1589.7	1587.6	1585.5
155°	1631.7	1632.6	1631.9	1629.6	1627.3	1625.0	1622.7
157.5°	1662.8	1663.8	1663.0	1660.7	1658.4	1656.1	1653.8
160°	1682.3	1683.5	1682.9	1680.6	1678.3	1676.0	1673.6
162.5°	1700.5	1702.1	1701.6	1699.1	1696.5	1693.9	1691.4
165°	1723.3	1725.1	1724.7	1722.4	1720.1	1717.8	1715.5
167.5°	1740.8	1742.9	1742.6	1740.0	1737.5	1734.8	1732.2
170°	1749.9	1752.2	1752.1	1749.5	1746.9	1744.2	1741.6
172.5°	1756.6	1758.6	1758.4	1755.8	1753.1	1750.5	1747.9
175°	1764.2	1766.6	1766.5	1763.8	1761.2	1758.6	1756.0
177.5°	1766.7	1768.3	1768.2	1766.3	1764.4	1762.5	1760.7
180°	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8

(END OF REPORT)