

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: P333358-940

Luminaire Tested: **S125DIW-S375D1340U940-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333358-940
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-S375D1340U940-4F0-1E-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: 6155.8 lumens
Efficiency: N/A
Efficacy: 132.1 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

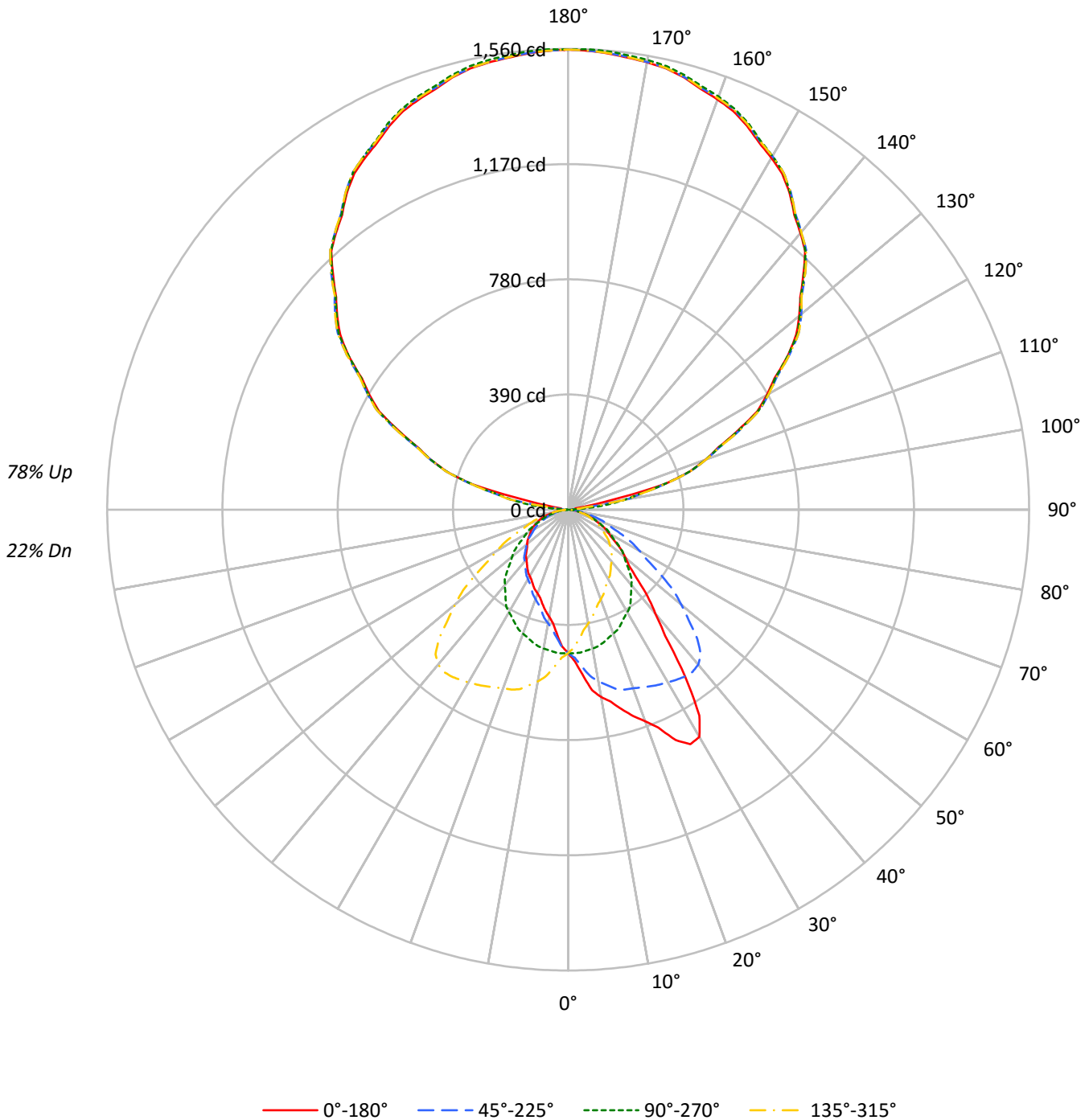
Input Watts (W): 46.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	3135	3135	3135	3135
5°	3630	3146	2755	3146
10°	4224	3129	2413	3129
15°	4676	3107	2226	3107
20°	5234	3070	2076	3070
25°	6131	3029	2003	3029
30°	6623	2988	1939	2988
35°	5445	2912	1898	2912
40°	3871	2807	1851	2807
45°	2974	2665	1825	2665
50°	2538	2488	1822	2488
55°	2260	2315	1838	2315
60°	2038	2126	1885	2126
65°	1883	1936	1933	1936
70°	1713	1739	1962	1739
75°	1510	1532	1941	1532
80°	1272	1250	1778	1250
85°	1008	897	1438	897



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.7	0.8
10°-20°	139.1	2.3
20°-30°	225.9	3.7
30°-40°	275.6	4.5
40°-50°	250.7	4.1
50°-60°	199.7	3.2
60°-70°	139.1	2.3
70°-80°	74.2	1.2
80°-90°	22.0	0.4
90°-100°	56.6	0.9
100°-110°	348.8	5.7
110°-120°	632.6	10.3
120°-130°	811.9	13.2
130°-140°	873.3	14.2
140°-150°	819.7	13.3
150°-160°	663.1	10.8
160°-170°	428.8	7.0
170°-180°	147.9	2.4
0°-30°	411.8	6.7
0°-40°	687.4	11.2
0°-60°	1137.8	18.5
0°-90°	1373.1	22.3
90°-120°	1038.1	16.9
90°-150°	3542.9	57.6
90°-180°	4783.0	77.7
0°-180°	6155.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	485	485	485	485	485	
5°	560	485	425	485	560	56
15°	699	465	333	465	699	200
25°	860	425	281	425	860	393
35°	691	369	241	369	691	423
45°	326	292	200	292	326	261
55°	201	206	163	206	201	181
65°	123	127	126	127	123	122
75°	60	61	78	61	60	65
85°	14	12	19	12	14	16
90°	28	1	28	1	28	12
95°	24	66	24	66	24	20
105°	343	340	343	340	343	310
115°	633	637	633	637	633	628
125°	906	906	906	906	906	806
135°	1126	1130	1126	1130	1126	869
145°	1307	1310	1307	1310	1307	816
155°	1433	1443	1433	1443	1433	660
165°	1515	1523	1515	1523	1515	427
175°	1550	1558	1550	1558	1550	148
180°	1558	1558	1558	1558	1558	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4
2.5°	513.4	512.8	512.1	510.9	511.8	509.0	507.7	505.4	502.6	501.6	500.4
5°	560.0	561.1	562.1	557.8	558.2	555.3	548.7	543.3	539.0	533.4	529.5
7.5°	616.1	613.7	613.4	610.6	605.8	601.9	595.0	586.2	577.7	567.9	559.9
10°	644.1	644.4	642.5	639.2	634.0	630.3	621.3	612.6	602.1	589.7	580.9
12.5°	665.2	666.1	663.7	659.2	656.7	648.5	641.3	631.1	618.6	608.7	595.2
15°	699.3	697.1	695.4	689.8	685.5	676.9	665.6	654.8	641.2	628.7	616.1
17.5°	732.2	734.1	730.9	725.9	712.4	702.3	687.2	672.4	655.5	638.6	623.7
20°	761.5	763.2	758.5	749.6	733.5	723.4	703.5	684.5	664.9	643.3	626.8
22.5°	798.2	796.8	790.4	776.9	763.0	744.4	722.7	699.6	675.1	650.7	628.7
25°	860.4	851.8	847.8	831.2	812.9	785.4	755.8	722.0	691.5	659.2	631.2
27.5°	895.0	892.2	887.9	876.3	857.0	827.7	792.7	751.5	708.6	667.7	631.0
30°	888.1	888.5	888.9	885.2	872.8	850.8	815.9	771.7	720.5	674.6	632.1
32.5°	826.7	834.2	841.4	849.9	853.4	849.1	827.3	787.3	734.7	682.5	631.5
35°	690.6	692.9	716.2	739.3	770.6	795.0	811.2	793.4	749.2	689.2	630.7
37.5°	538.5	549.7	565.8	591.8	637.0	677.5	729.6	753.5	739.2	691.4	629.3
40°	459.1	469.4	479.9	506.5	544.6	593.6	652.7	703.2	715.0	684.5	624.3
42.5°	397.8	405.9	417.6	437.6	469.4	512.8	569.4	635.3	675.9	664.4	613.9
45°	325.6	330.7	339.7	355.6	378.7	412.7	462.5	534.7	597.5	618.3	589.3
47.5°	278.7	278.7	285.7	296.6	313.3	342.1	379.1	435.5	502.7	552.3	550.0
50°	252.6	251.6	257.2	266.6	279.8	299.0	334.2	379.3	443.8	500.1	515.8
52.5°	230.2	230.3	233.7	240.8	251.8	268.1	294.4	335.2	390.2	448.0	477.5
55°	200.7	199.8	203.8	208.5	216.6	227.3	246.2	277.3	322.1	378.9	417.2
57.5°	173.6	175.9	177.5	180.7	187.4	194.7	210.6	233.4	268.9	317.7	358.2
60°	157.8	160.1	161.3	164.6	170.0	176.2	188.5	207.1	236.9	279.0	319.1
62.5°	143.7	145.4	145.9	148.8	153.2	159.2	168.9	184.5	208.1	244.9	284.2
65°	123.2	123.2	124.0	127.2	129.2	134.6	142.0	153.3	172.3	200.9	234.5
67.5°	103.5	104.5	104.3	105.7	107.5	111.7	117.0	126.4	140.4	161.3	188.2
70°	90.7	91.5	91.3	92.3	94.3	97.0	101.4	110.2	120.3	138.2	161.3
72.5°	79.1	79.5	78.9	80.3	81.5	83.8	88.7	93.5	102.8	118.0	137.0
75°	60.5	61.0	61.4	62.2	63.5	64.7	67.1	71.9	78.1	89.4	101.6
77.5°	45.4	44.6	45.7	45.5	46.2	47.2	49.3	51.8	56.9	64.1	73.5
80°	34.2	34.4	34.4	34.6	35.7	36.3	38.1	39.9	43.9	49.2	55.8
82.5°	25.0	25.5	25.1	25.6	26.4	26.8	27.9	29.4	31.7	35.9	40.7
85°	13.6	12.6	13.0	13.4	13.4	13.6	14.4	15.1	16.3	17.9	19.8
87.5°	9.5	9.6	9.7	9.5	9.5	9.4	9.7	9.5	9.7	10.0	10.3
90°	27.7	26.9	26.1	25.4	24.6	23.6	22.3	21.0	19.8	18.5	16.7
92.5°	25.9	25.5	25.1	24.8	24.4	23.6	22.3	21.0	19.8	18.5	16.9
95°	24.3	24.3	24.3	24.3	24.3	23.6	22.3	21.0	19.8	18.5	28.2
97.5°	24.3	24.3	24.3	24.3	24.3	27.8	35.1	42.4	49.6	56.8	76.1
100°	24.3	25.2	26.3	27.3	28.4	48.0	86.2	124.4	162.6	200.9	199.8
102.5°	145.3	162.6	180.1	197.6	215.0	227.4	234.6	241.8	249.1	256.3	255.7
105°	342.9	343.1	343.4	343.7	343.9	344.0	344.0	344.0	344.0	344.0	344.0
107.5°	432.3	433.0	433.8	434.5	435.3	435.7	435.7	435.6	435.5	435.5	435.0
110°	494.2	493.9	493.7	493.4	493.1	493.4	494.2	494.9	495.7	496.4	496.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	549.6	549.9	550.3	550.6	551.0	551.7	552.7	553.6	554.6	555.5	555.3
115°	632.7	634.2	635.8	637.3	638.8	640.2	641.1	642.2	643.2	644.3	644.0
117.5°	721.4	722.0	722.7	723.4	724.0	725.1	726.4	727.7	729.1	730.4	729.4
120°	775.9	777.1	778.4	779.7	781.0	781.9	782.4	782.9	783.5	783.9	783.2
122.5°	827.6	829.0	830.5	832.1	833.5	834.6	835.0	835.5	836.1	836.6	836.2
125°	906.3	907.0	907.9	908.7	909.4	910.3	911.3	912.3	913.4	914.4	914.4
127.5°	972.6	974.5	976.4	978.3	980.2	981.4	982.0	982.6	983.1	983.6	983.8
130°	1020.7	1021.9	1023.1	1024.5	1025.7	1026.8	1027.5	1028.3	1029.1	1029.8	1029.6
132.5°	1065.0	1066.2	1067.6	1068.8	1070.1	1070.8	1070.9	1071.1	1071.3	1071.4	1072.0
135°	1125.7	1127.2	1128.7	1130.3	1131.8	1132.8	1133.4	1133.9	1134.4	1134.9	1135.4
137.5°	1186.6	1187.9	1189.3	1190.6	1191.9	1192.6	1192.5	1192.4	1192.3	1192.2	1192.7
140°	1222.6	1224.2	1225.7	1227.3	1228.8	1229.3	1228.8	1228.3	1227.8	1227.3	1227.5
142.5°	1256.9	1258.4	1259.9	1261.4	1263.0	1263.7	1263.6	1263.5	1263.4	1263.3	1262.9
145°	1307.0	1308.5	1310.0	1311.5	1313.1	1313.8	1313.5	1313.2	1313.0	1312.7	1312.7
147.5°	1348.3	1350.1	1351.9	1353.8	1355.7	1356.5	1356.1	1355.8	1355.5	1355.2	1354.9
150°	1375.0	1377.1	1379.1	1381.2	1383.2	1384.0	1383.5	1383.0	1382.5	1382.0	1381.4
152.5°	1400.0	1401.9	1403.7	1405.5	1407.4	1408.0	1407.6	1407.0	1406.5	1406.0	1405.5
155°	1432.8	1434.9	1436.9	1439.0	1441.0	1441.6	1440.8	1440.1	1439.3	1438.6	1438.1
157.5°	1460.3	1462.3	1464.4	1466.4	1468.5	1469.1	1468.3	1467.5	1466.6	1465.8	1465.8
160°	1477.8	1479.9	1481.9	1484.0	1486.0	1486.6	1485.5	1484.5	1483.5	1482.5	1482.2
162.5°	1493.5	1495.8	1498.0	1500.3	1502.5	1503.0	1501.6	1500.0	1498.6	1497.2	1496.9
165°	1514.7	1516.8	1518.9	1520.9	1523.0	1523.2	1521.7	1520.1	1518.6	1517.1	1516.8
167.5°	1529.6	1531.9	1534.2	1536.4	1538.7	1539.0	1537.1	1535.3	1533.5	1531.6	1531.3
170°	1537.8	1540.2	1542.5	1544.8	1547.1	1547.2	1545.2	1543.1	1541.1	1539.0	1538.7
172.5°	1543.4	1545.7	1548.0	1550.3	1552.6	1552.8	1551.0	1549.2	1547.3	1545.4	1545.0
175°	1550.5	1552.8	1555.1	1557.5	1559.8	1559.9	1557.8	1555.8	1553.7	1551.7	1551.5
177.5°	1554.7	1556.3	1558.0	1559.6	1561.3	1561.4	1560.0	1558.5	1557.1	1555.6	1555.4
180°	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4
2.5°	499.4	498.3	497.0	494.6	491.9	490.4	488.1	486.6	483.7	481.2	478.5
5°	524.8	519.4	514.5	508.1	501.1	496.6	491.2	485.3	479.0	472.7	465.7
7.5°	551.1	541.5	531.3	520.2	509.3	499.4	489.8	480.5	471.8	461.2	452.3
10°	568.6	556.7	543.9	529.0	514.2	501.5	488.6	477.2	465.7	453.3	442.4
12.5°	586.3	570.4	552.3	535.8	518.3	502.8	487.6	473.1	458.6	444.9	432.1
15°	598.8	584.8	568.1	544.6	524.8	503.5	483.4	464.7	447.1	431.9	415.8
17.5°	607.0	588.9	571.0	548.5	522.5	498.8	475.9	454.4	434.7	415.4	399.9
20°	608.4	589.9	571.1	549.1	522.5	495.3	472.4	446.7	425.5	405.5	386.6
22.5°	608.0	586.9	566.5	543.9	517.9	492.8	465.2	439.0	415.9	396.3	376.5
25°	603.3	580.9	555.3	532.4	506.8	480.3	452.3	425.1	401.6	379.2	359.5
27.5°	599.4	570.3	541.4	514.7	490.0	465.7	438.8	411.0	385.0	362.2	343.8
30°	594.7	562.7	530.1	502.3	477.0	453.3	427.9	400.7	373.5	351.3	331.5
32.5°	590.4	553.1	518.8	488.5	461.6	438.6	415.3	389.4	362.7	340.1	320.3
35°	582.1	539.0	499.6	465.5	436.8	413.1	393.5	369.4	344.9	323.1	304.2
37.5°	571.6	520.5	478.2	442.4	411.0	386.0	367.8	349.3	325.7	304.7	287.6
40°	563.3	507.3	462.5	425.9	393.3	367.4	350.4	333.0	313.4	293.8	275.7
42.5°	552.9	495.4	446.7	407.2	375.1	349.7	332.0	317.2	299.9	281.6	264.8
45°	533.9	473.9	421.2	378.7	346.2	321.2	302.9	291.8	278.7	261.4	247.3
47.5°	505.8	448.1	393.5	349.7	316.1	293.0	275.8	265.1	256.0	243.2	230.2
50°	480.9	428.8	373.5	330.1	296.5	273.2	257.3	247.6	239.9	230.0	219.0
52.5°	453.1	404.6	353.9	310.9	277.7	254.8	239.2	230.7	224.2	217.1	206.3
55°	408.8	367.6	320.6	279.8	249.1	226.7	213.0	205.6	200.3	194.9	188.3
57.5°	360.1	327.8	286.2	248.9	220.6	200.2	187.5	180.3	176.1	173.3	169.5
60°	325.7	298.2	262.3	228.3	200.7	182.5	170.2	164.6	161.1	158.9	156.0
62.5°	293.9	271.3	238.1	207.1	182.9	165.8	154.7	149.3	146.0	144.8	142.5
65°	247.1	229.5	202.2	176.4	155.8	141.2	131.9	126.7	124.7	123.4	123.6
67.5°	200.8	190.2	168.2	146.2	129.7	117.5	110.0	106.1	105.0	103.4	103.4
70°	172.6	164.6	146.1	126.9	112.3	102.8	96.2	92.1	91.0	90.2	90.1
72.5°	147.8	140.7	124.7	109.3	96.1	87.8	82.4	79.9	78.2	77.8	77.7
75°	111.0	107.2	94.3	82.2	73.1	67.4	63.7	61.4	60.2	59.9	60.2
77.5°	78.9	75.5	67.4	58.8	53.1	48.7	45.6	44.8	43.4	43.4	43.2
80°	59.3	57.1	51.9	45.1	40.4	36.6	35.0	33.6	33.2	32.5	33.2
82.5°	43.0	40.6	37.1	32.7	28.8	26.7	25.0	24.5	24.3	24.0	24.1
85°	21.2	21.4	19.4	16.1	14.4	13.2	12.1	12.1	11.9	11.8	11.9
87.5°	10.3	9.5	8.6	7.7	6.4	5.5	4.9	4.7	4.6	4.8	5.4
90°	14.9	13.1	11.3	9.4	7.3	5.3	3.2	1.2	3.2	5.3	7.3
92.5°	15.2	13.7	12.1	12.0	13.5	14.9	16.3	17.7	16.3	14.9	13.5
95°	38.0	47.7	57.4	62.7	63.5	64.3	65.0	65.8	65.0	64.3	63.5
97.5°	95.4	114.7	133.9	142.9	141.5	140.2	138.8	137.4	138.8	140.2	141.5
100°	198.9	197.8	196.8	195.9	195.1	194.3	193.6	192.8	193.6	194.3	195.1
102.5°	255.1	254.5	253.9	253.1	252.1	251.1	250.1	249.1	250.1	251.1	252.1
105°	344.0	344.0	344.0	343.6	342.5	341.5	340.5	339.5	340.5	341.5	342.5
107.5°	434.4	434.0	433.5	433.2	433.2	433.2	433.2	433.2	433.2	433.2	433.2
110°	495.4	494.9	494.4	494.2	494.2	494.2	494.2	494.2	494.2	494.2	494.2



TEST NUMBER: P333358-940

CATALOG NUMBER: S125DIW-S375D1340U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	554.9	554.6	554.4	553.8	553.2	552.7	552.1	551.4	552.1	552.7	553.2
115°	643.7	643.5	643.2	642.5	641.1	639.9	638.6	637.3	638.6	639.9	641.1
117.5°	728.4	727.5	726.5	726.0	726.0	726.1	726.1	726.2	726.1	726.1	726.0
120°	782.4	781.6	780.9	780.6	780.9	781.1	781.4	781.6	781.4	781.1	780.9
122.5°	835.9	835.5	835.2	834.5	833.5	832.5	831.5	830.5	831.5	832.5	833.5
125°	914.4	914.4	914.4	913.5	911.7	909.9	908.1	906.3	908.1	909.9	911.7
127.5°	984.0	984.1	984.3	983.7	982.4	981.1	979.9	978.6	979.9	981.1	982.4
130°	1029.3	1029.1	1028.9	1028.1	1026.8	1025.5	1024.2	1022.9	1024.2	1025.5	1026.8
132.5°	1072.5	1073.1	1073.7	1073.2	1071.7	1070.2	1068.7	1067.3	1068.7	1070.2	1071.7
135°	1136.0	1136.5	1136.9	1136.5	1134.9	1133.4	1131.8	1130.3	1131.8	1133.4	1134.9
137.5°	1193.1	1193.6	1194.0	1193.6	1192.2	1190.9	1189.5	1188.3	1189.5	1190.9	1192.2
140°	1227.8	1228.1	1228.3	1228.2	1227.6	1227.2	1226.6	1226.1	1226.6	1227.2	1227.6
142.5°	1262.6	1262.2	1261.9	1261.5	1261.2	1260.9	1260.6	1260.3	1260.6	1260.9	1261.2
145°	1312.7	1312.7	1312.7	1312.4	1312.0	1311.4	1310.9	1310.4	1310.9	1311.4	1312.0
147.5°	1354.6	1354.2	1354.0	1353.9	1354.0	1354.1	1354.2	1354.2	1354.2	1354.1	1354.0
150°	1381.0	1380.5	1379.9	1379.9	1380.5	1381.0	1381.4	1382.0	1381.4	1381.0	1380.5
152.5°	1405.0	1404.4	1403.9	1404.3	1405.4	1406.5	1407.7	1408.7	1407.7	1406.5	1405.4
155°	1437.5	1437.0	1436.5	1437.0	1438.6	1440.1	1441.6	1443.1	1441.6	1440.1	1438.6
157.5°	1465.7	1465.6	1465.6	1466.1	1467.0	1467.8	1468.8	1469.7	1468.8	1467.8	1467.0
160°	1481.9	1481.7	1481.4	1482.0	1483.5	1485.1	1486.7	1488.2	1486.7	1485.1	1483.5
162.5°	1496.7	1496.5	1496.2	1496.8	1498.3	1499.9	1501.5	1503.0	1501.5	1499.9	1498.3
165°	1516.5	1516.3	1516.0	1516.7	1518.2	1519.7	1521.3	1522.9	1521.3	1519.7	1518.2
167.5°	1531.1	1530.8	1530.6	1531.2	1532.9	1534.5	1536.1	1537.6	1536.1	1534.5	1532.9
170°	1538.5	1538.2	1537.9	1538.7	1540.5	1542.3	1544.2	1546.0	1544.2	1542.3	1540.5
172.5°	1544.5	1544.1	1543.6	1544.3	1546.0	1547.9	1549.7	1551.5	1549.7	1547.9	1546.0
175°	1551.2	1551.0	1550.7	1551.3	1552.8	1554.4	1555.9	1557.5	1555.9	1554.4	1552.8
177.5°	1555.2	1555.1	1554.8	1555.3	1556.6	1557.8	1559.0	1560.2	1559.0	1557.8	1556.6
180°	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5



TEST NUMBER: P333358-940

CATALOG NUMBER: S125DIW-S375D1340U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4
2.5°	477.1	475.2	473.8	470.5	468.6	466.2	464.2	466.4	464.0	465.0	463.5
5°	462.2	456.4	452.3	446.3	441.1	436.4	432.9	432.3	430.6	429.8	427.3
7.5°	444.3	437.0	430.0	422.1	415.5	408.8	404.6	401.0	398.7	395.6	393.4
10°	433.7	424.0	415.8	406.4	398.1	390.8	385.1	382.2	379.5	375.6	374.2
12.5°	420.7	410.7	400.6	390.5	382.5	374.5	369.6	365.2	363.4	359.0	358.6
15°	405.1	390.0	380.1	369.9	358.9	352.3	348.2	343.5	341.4	338.3	336.1
17.5°	386.5	373.0	360.7	350.0	340.6	335.1	329.9	326.7	323.2	321.1	317.4
20°	372.9	360.2	347.8	336.4	329.2	322.9	318.8	315.7	311.9	310.9	307.2
22.5°	361.6	347.5	335.6	326.1	318.3	311.0	306.6	304.4	301.9	298.7	298.0
25°	343.0	328.4	318.3	308.9	301.8	295.2	292.2	289.5	287.0	284.7	283.9
27.5°	327.1	314.0	302.0	293.5	287.3	281.3	278.7	275.4	273.6	271.7	269.5
30°	315.8	302.5	291.9	283.7	277.1	271.8	268.9	266.6	265.0	263.3	262.1
32.5°	304.3	291.9	281.8	273.7	267.1	263.1	260.5	258.9	257.1	255.1	253.5
35°	289.1	275.4	265.6	258.6	253.4	250.3	247.4	246.0	244.0	244.0	242.3
37.5°	271.9	260.1	251.4	245.0	240.4	237.6	234.5	233.5	232.2	231.3	230.8
40°	261.7	250.7	242.5	236.1	231.2	228.9	226.4	224.8	224.0	222.9	222.6
42.5°	251.1	240.7	232.8	226.9	222.6	220.7	218.4	217.2	215.5	214.2	213.9
45°	235.1	225.0	217.8	213.0	209.4	207.1	205.6	203.1	202.3	200.7	200.5
47.5°	219.9	210.2	203.1	199.2	196.0	194.1	191.9	189.4	188.4	187.6	187.5
50°	208.5	199.7	193.1	189.4	186.3	183.6	181.3	179.7	179.1	179.1	179.5
52.5°	197.0	189.4	183.9	179.3	176.4	173.5	171.4	170.4	169.5	170.5	171.2
55°	180.1	172.5	168.4	164.0	161.1	157.8	156.8	156.4	155.8	157.4	158.3
57.5°	162.2	156.9	152.0	147.8	145.2	143.2	141.9	141.6	142.8	143.6	146.2
60°	150.8	144.6	140.4	137.1	133.9	132.7	132.2	131.9	132.7	134.9	138.5
62.5°	138.3	133.3	128.6	126.2	123.9	121.8	121.7	122.0	123.6	126.3	129.7
65°	119.9	115.6	112.5	109.6	107.7	106.6	106.9	107.7	109.6	113.2	117.0
67.5°	101.2	98.3	95.5	93.2	91.4	91.4	91.8	93.1	95.2	99.2	102.8
70°	89.3	86.0	83.6	82.7	81.1	80.3	81.6	83.6	85.5	89.3	92.3
72.5°	77.2	74.4	72.6	71.9	71.2	70.6	71.1	73.3	75.8	79.5	83.1
75°	59.3	58.3	57.1	56.3	55.6	56.1	56.4	58.5	60.5	64.5	68.6
77.5°	43.3	42.3	41.5	41.3	40.9	41.2	42.4	43.9	45.8	48.7	51.8
80°	32.7	32.4	31.9	31.7	31.7	31.9	33.6	34.6	36.5	39.1	41.6
82.5°	23.9	23.6	23.5	23.5	23.6	23.7	24.7	26.0	27.6	29.6	31.7
85°	12.6	12.1	12.8	13.0	12.6	13.2	13.6	14.4	15.1	16.1	17.1
87.5°	6.0	6.7	6.9	7.4	7.8	8.5	8.6	9.5	10.1	10.6	10.7
90°	9.4	11.3	13.1	14.9	16.7	18.5	19.8	21.0	22.3	23.6	24.6
92.5°	12.0	12.1	13.7	15.2	16.9	18.5	19.8	21.0	22.3	23.6	24.4
95°	62.7	57.4	47.7	38.0	28.2	18.5	19.8	21.0	22.3	23.6	24.3
97.5°	142.9	133.9	114.7	95.4	76.1	56.8	49.6	42.4	35.1	27.8	24.3
100°	195.9	196.8	197.8	198.9	199.8	200.9	162.6	124.4	86.2	48.0	28.4
102.5°	253.1	253.9	254.5	255.1	255.7	256.3	249.1	241.8	234.6	227.4	215.0
105°	343.6	344.0	344.0	344.0	344.0	344.0	344.0	344.0	344.0	344.0	343.9
107.5°	433.2	433.5	434.0	434.4	435.0	435.5	435.5	435.6	435.7	435.7	435.3
110°	494.2	494.4	494.9	495.4	496.0	496.4	495.7	494.9	494.2	493.4	493.1



TEST NUMBER: P333358-940

CATALOG NUMBER: S125DIW-S375D1340U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	553.8	554.4	554.6	554.9	555.3	555.5	554.6	553.6	552.7	551.7	551.0
115°	642.5	643.2	643.5	643.7	644.0	644.3	643.2	642.2	641.1	640.2	638.8
117.5°	726.0	726.5	727.5	728.4	729.4	730.4	729.1	727.7	726.4	725.1	724.0
120°	780.6	780.9	781.6	782.4	783.2	783.9	783.5	782.9	782.4	781.9	781.0
122.5°	834.5	835.2	835.5	835.9	836.2	836.6	836.1	835.5	835.0	834.6	833.5
125°	913.5	914.4	914.4	914.4	914.4	914.4	913.4	912.3	911.3	910.3	909.4
127.5°	983.7	984.3	984.1	984.0	983.8	983.6	983.1	982.6	982.0	981.4	980.2
130°	1028.1	1028.9	1029.1	1029.3	1029.6	1029.8	1029.1	1028.3	1027.5	1026.8	1025.7
132.5°	1073.2	1073.7	1073.1	1072.5	1072.0	1071.4	1071.3	1071.1	1070.9	1070.8	1070.1
135°	1136.5	1136.9	1136.5	1136.0	1135.4	1134.9	1134.4	1133.9	1133.4	1132.8	1131.8
137.5°	1193.6	1194.0	1193.6	1193.1	1192.7	1192.2	1192.3	1192.4	1192.5	1192.6	1191.9
140°	1228.2	1228.3	1228.1	1227.8	1227.5	1227.3	1227.8	1228.3	1228.8	1229.3	1228.8
142.5°	1261.5	1261.9	1262.2	1262.6	1262.9	1263.3	1263.4	1263.5	1263.6	1263.7	1263.0
145°	1312.4	1312.7	1312.7	1312.7	1312.7	1312.7	1313.0	1313.2	1313.5	1313.8	1313.1
147.5°	1353.9	1354.0	1354.2	1354.6	1354.9	1355.2	1355.5	1355.8	1356.1	1356.5	1355.7
150°	1379.9	1379.9	1380.5	1381.0	1381.4	1382.0	1382.5	1383.0	1383.5	1384.0	1383.2
152.5°	1404.3	1403.9	1404.4	1405.0	1405.5	1406.0	1406.5	1407.0	1407.6	1408.0	1407.4
155°	1437.0	1436.5	1437.0	1437.5	1438.1	1438.6	1439.3	1440.1	1440.8	1441.6	1441.0
157.5°	1466.1	1465.6	1465.6	1465.7	1465.8	1465.8	1466.6	1467.5	1468.3	1469.1	1468.5
160°	1482.0	1481.4	1481.7	1481.9	1482.2	1482.5	1483.5	1484.5	1485.5	1486.6	1486.0
162.5°	1496.8	1496.2	1496.5	1496.7	1496.9	1497.2	1498.6	1500.0	1501.6	1503.0	1502.5
165°	1516.7	1516.0	1516.3	1516.5	1516.8	1517.1	1518.6	1520.1	1521.7	1523.2	1523.0
167.5°	1531.2	1530.6	1530.8	1531.1	1531.3	1531.6	1533.5	1535.3	1537.1	1539.0	1538.7
170°	1538.7	1537.9	1538.2	1538.5	1538.7	1539.0	1541.1	1543.1	1545.2	1547.2	1547.1
172.5°	1544.3	1543.6	1544.1	1544.5	1545.0	1545.4	1547.3	1549.2	1551.0	1552.8	1552.6
175°	1551.3	1550.7	1551.0	1551.2	1551.5	1551.7	1553.7	1555.8	1557.8	1559.9	1559.8
177.5°	1555.3	1554.8	1555.1	1555.2	1555.4	1555.6	1557.1	1558.5	1560.0	1561.4	1561.3
180°	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5



TEST NUMBER: P333358-940

CATALOG NUMBER: S125DIW-S375D1340U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4
2.5°	462.5	463.7	462.7	464.0	462.7	463.7	462.5	463.5	465.0	464.0	466.4
5°	426.3	424.5	425.7	424.9	425.7	424.5	426.3	427.3	429.8	430.6	432.3
7.5°	392.9	391.1	389.1	388.1	389.1	391.1	392.9	393.4	395.6	398.7	401.0
10°	371.9	369.6	369.4	368.0	369.4	369.6	371.9	374.2	375.6	379.5	382.2
12.5°	356.6	354.5	352.1	351.5	352.1	354.5	356.6	358.6	359.0	363.4	365.2
15°	334.8	333.1	331.7	333.0	331.7	333.1	334.8	336.1	338.3	341.4	343.5
17.5°	316.7	315.4	315.1	313.6	315.1	315.4	316.7	317.4	321.1	323.2	326.7
20°	305.3	304.3	304.8	302.0	304.8	304.3	305.3	307.2	310.9	311.9	315.7
22.5°	296.3	294.3	294.0	293.5	294.0	294.3	296.3	298.0	298.7	301.9	304.4
25°	282.0	281.1	280.0	281.1	280.0	281.1	282.0	283.9	284.7	287.0	289.5
27.5°	269.7	268.4	268.1	268.3	268.1	268.4	269.7	269.5	271.7	273.6	275.4
30°	262.1	260.0	260.2	260.0	260.2	260.0	262.1	262.1	263.3	265.0	266.6
32.5°	253.9	252.4	252.2	251.8	252.2	252.4	253.9	253.5	255.1	257.1	258.9
35°	241.7	241.7	240.7	240.7	240.7	241.7	241.7	242.3	244.0	244.0	246.0
37.5°	230.2	230.1	229.4	229.5	229.4	230.1	230.2	230.8	231.3	232.2	233.5
40°	221.7	221.5	220.9	219.6	220.9	221.5	221.7	222.6	222.9	224.0	224.8
42.5°	213.5	212.8	212.5	212.0	212.5	212.8	213.5	213.9	214.2	215.5	217.2
45°	200.5	200.5	200.1	199.8	200.1	200.5	200.5	200.5	200.7	202.3	203.1
47.5°	187.9	188.2	189.0	188.9	189.0	188.2	187.9	187.5	187.6	188.4	189.4
50°	180.3	180.5	181.1	181.3	181.1	180.5	180.3	179.5	179.1	179.1	179.7
52.5°	171.9	173.1	173.9	173.7	173.9	173.1	171.9	171.2	170.5	169.5	170.4
55°	160.1	161.6	163.0	163.2	163.0	161.6	160.1	158.3	157.4	155.8	156.4
57.5°	148.5	150.4	151.9	152.5	151.9	150.4	148.5	146.2	143.6	142.8	141.6
60°	140.5	143.2	145.1	145.9	145.1	143.2	140.5	138.5	134.9	132.7	131.9
62.5°	133.0	136.0	137.8	137.9	137.8	136.0	133.0	129.7	126.3	123.6	122.0
65°	120.6	123.6	125.3	126.5	125.3	123.6	120.6	117.0	113.2	109.6	107.7
67.5°	107.2	110.3	112.1	113.1	112.1	110.3	107.2	102.8	99.2	95.2	93.1
70°	97.5	100.6	103.0	103.9	103.0	100.6	97.5	92.3	89.3	85.5	83.6
72.5°	87.9	90.7	92.6	93.6	92.6	90.7	87.9	83.1	79.5	75.8	73.3
75°	71.2	75.0	76.9	77.8	76.9	75.0	71.2	68.6	64.5	60.5	58.5
77.5°	54.9	58.3	59.5	60.0	59.5	58.3	54.9	51.8	48.7	45.8	43.9
80°	44.1	46.2	47.6	47.8	47.6	46.2	44.1	41.6	39.1	36.5	34.6
82.5°	33.9	35.6	36.0	36.6	36.0	35.6	33.9	31.7	29.6	27.6	26.0
85°	18.5	19.4	19.6	19.4	19.6	19.4	18.5	17.1	16.1	15.1	14.4
87.5°	11.1	11.1	11.3	11.8	11.3	11.1	11.1	10.7	10.6	10.1	9.5
90°	25.4	26.1	26.9	27.7	26.9	26.1	25.4	24.6	23.6	22.3	21.0
92.5°	24.8	25.1	25.5	25.9	25.5	25.1	24.8	24.4	23.6	22.3	21.0
95°	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	23.6	22.3	21.0
97.5°	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	27.8	35.1	42.4
100°	27.3	26.3	25.2	24.3	25.2	26.3	27.3	28.4	48.0	86.2	124.4
102.5°	197.6	180.1	162.6	145.3	162.6	180.1	197.6	215.0	227.4	234.6	241.8
105°	343.7	343.4	343.1	342.9	343.1	343.4	343.7	343.9	344.0	344.0	344.0
107.5°	434.5	433.8	433.0	432.3	433.0	433.8	434.5	435.3	435.7	435.7	435.6
110°	493.4	493.7	493.9	494.2	493.9	493.7	493.4	493.1	493.4	494.2	494.9



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CATALOG NUMBER: S125DIW-S375D1340U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	550.6	550.3	549.9	549.6	549.9	550.3	550.6	551.0	551.7	552.7	553.6
115°	637.3	635.8	634.2	632.7	634.2	635.8	637.3	638.8	640.2	641.1	642.2
117.5°	723.4	722.7	722.0	721.4	722.0	722.7	723.4	724.0	725.1	726.4	727.7
120°	779.7	778.4	777.1	775.9	777.1	778.4	779.7	781.0	781.9	782.4	782.9
122.5°	832.1	830.5	829.0	827.6	829.0	830.5	832.1	833.5	834.6	835.0	835.5
125°	908.7	907.9	907.0	906.3	907.0	907.9	908.7	909.4	910.3	911.3	912.3
127.5°	978.3	976.4	974.5	972.6	974.5	976.4	978.3	980.2	981.4	982.0	982.6
130°	1024.5	1023.1	1021.9	1020.7	1021.9	1023.1	1024.5	1025.7	1026.8	1027.5	1028.3
132.5°	1068.8	1067.6	1066.2	1065.0	1066.2	1067.6	1068.8	1070.1	1070.8	1070.9	1071.1
135°	1130.3	1128.7	1127.2	1125.7	1127.2	1128.7	1130.3	1131.8	1132.8	1133.4	1133.9
137.5°	1190.6	1189.3	1187.9	1186.6	1187.9	1189.3	1190.6	1191.9	1192.6	1192.5	1192.4
140°	1227.3	1225.7	1224.2	1222.6	1224.2	1225.7	1227.3	1228.8	1229.3	1228.8	1228.3
142.5°	1261.4	1259.9	1258.4	1256.9	1258.4	1259.9	1261.4	1263.0	1263.7	1263.6	1263.5
145°	1311.5	1310.0	1308.5	1307.0	1308.5	1310.0	1311.5	1313.1	1313.8	1313.5	1313.2
147.5°	1353.8	1351.9	1350.1	1348.3	1350.1	1351.9	1353.8	1355.7	1356.5	1356.1	1355.8
150°	1381.2	1379.1	1377.1	1375.0	1377.1	1379.1	1381.2	1383.2	1384.0	1383.5	1383.0
152.5°	1405.5	1403.7	1401.9	1400.0	1401.9	1403.7	1405.5	1407.4	1408.0	1407.6	1407.0
155°	1439.0	1436.9	1434.9	1432.8	1434.9	1436.9	1439.0	1441.0	1441.6	1440.8	1440.1
157.5°	1466.4	1464.4	1462.3	1460.3	1462.3	1464.4	1466.4	1468.5	1469.1	1468.3	1467.5
160°	1484.0	1481.9	1479.9	1477.8	1479.9	1481.9	1484.0	1486.0	1486.6	1485.5	1484.5
162.5°	1500.3	1498.0	1495.8	1493.5	1495.8	1498.0	1500.3	1502.5	1503.0	1501.6	1500.0
165°	1520.9	1518.9	1516.8	1514.7	1516.8	1518.9	1520.9	1523.0	1523.2	1521.7	1520.1
167.5°	1536.4	1534.2	1531.9	1529.6	1531.9	1534.2	1536.4	1538.7	1539.0	1537.1	1535.3
170°	1544.8	1542.5	1540.2	1537.8	1540.2	1542.5	1544.8	1547.1	1547.2	1545.2	1543.1
172.5°	1550.3	1548.0	1545.7	1543.4	1545.7	1548.0	1550.3	1552.6	1552.8	1551.0	1549.2
175°	1557.5	1555.1	1552.8	1550.5	1552.8	1555.1	1557.5	1559.8	1559.9	1557.8	1555.8
177.5°	1559.6	1558.0	1556.3	1554.7	1556.3	1558.0	1559.6	1561.3	1561.4	1560.0	1558.5
180°	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5



TEST NUMBER: P333358-940

CATALOG NUMBER: S125DIW-S375D1340U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4
2.5°	464.2	466.2	468.6	470.5	473.8	475.2	477.1	478.5	481.2	483.7	486.6
5°	432.9	436.4	441.1	446.3	452.3	456.4	462.2	465.7	472.7	479.0	485.3
7.5°	404.6	408.8	415.5	422.1	430.0	437.0	444.3	452.3	461.2	471.8	480.5
10°	385.1	390.8	398.1	406.4	415.8	424.0	433.7	442.4	453.3	465.7	477.2
12.5°	369.6	374.5	382.5	390.5	400.6	410.7	420.7	432.1	444.9	458.6	473.1
15°	348.2	352.3	358.9	369.9	380.1	390.0	405.1	415.8	431.9	447.1	464.7
17.5°	329.9	335.1	340.6	350.0	360.7	373.0	386.5	399.9	415.4	434.7	454.4
20°	318.8	322.9	329.2	336.4	347.8	360.2	372.9	386.6	405.5	425.5	446.7
22.5°	306.6	311.0	318.3	326.1	335.6	347.5	361.6	376.5	396.3	415.9	439.0
25°	292.2	295.2	301.8	308.9	318.3	328.4	343.0	359.5	379.2	401.6	425.1
27.5°	278.7	281.3	287.3	293.5	302.0	314.0	327.1	343.8	362.2	385.0	411.0
30°	268.9	271.8	277.1	283.7	291.9	302.5	315.8	331.5	351.3	373.5	400.7
32.5°	260.5	263.1	267.1	273.7	281.8	291.9	304.3	320.3	340.1	362.7	389.4
35°	247.4	250.3	253.4	258.6	265.6	275.4	289.1	304.2	323.1	344.9	369.4
37.5°	234.5	237.6	240.4	245.0	251.4	260.1	271.9	287.6	304.7	325.7	349.3
40°	226.4	228.9	231.2	236.1	242.5	250.7	261.7	275.7	293.8	313.4	333.0
42.5°	218.4	220.7	222.6	226.9	232.8	240.7	251.1	264.8	281.6	299.9	317.2
45°	205.6	207.1	209.4	213.0	217.8	225.0	235.1	247.3	261.4	278.7	291.8
47.5°	191.9	194.1	196.0	199.2	203.1	210.2	219.9	230.2	243.2	256.0	265.1
50°	181.3	183.6	186.3	189.4	193.1	199.7	208.5	219.0	230.0	239.9	247.6
52.5°	171.4	173.5	176.4	179.3	183.9	189.4	197.0	206.3	217.1	224.2	230.7
55°	156.8	157.8	161.1	164.0	168.4	172.5	180.1	188.3	194.9	200.3	205.6
57.5°	141.9	143.2	145.2	147.8	152.0	156.9	162.2	169.5	173.3	176.1	180.3
60°	132.2	132.7	133.9	137.1	140.4	144.6	150.8	156.0	158.9	161.1	164.6
62.5°	121.7	121.8	123.9	126.2	128.6	133.3	138.3	142.5	144.8	146.0	149.3
65°	106.9	106.6	107.7	109.6	112.5	115.6	119.9	123.6	123.4	124.7	126.7
67.5°	91.8	91.4	91.4	93.2	95.5	98.3	101.2	103.4	103.4	105.0	106.1
70°	81.6	80.3	81.1	82.7	83.6	86.0	89.3	90.1	90.2	91.0	92.1
72.5°	71.1	70.6	71.2	71.9	72.6	74.4	77.2	77.7	77.8	78.2	79.9
75°	56.4	56.1	55.6	56.3	57.1	58.3	59.3	60.2	59.9	60.2	61.4
77.5°	42.4	41.2	40.9	41.3	41.5	42.3	43.3	43.2	43.4	43.4	44.8
80°	33.6	31.9	31.7	31.7	31.9	32.4	32.7	33.2	32.5	33.2	33.6
82.5°	24.7	23.7	23.6	23.5	23.5	23.6	23.9	24.1	24.0	24.3	24.5
85°	13.6	13.2	12.6	13.0	12.8	12.1	12.6	11.9	11.8	11.9	12.1
87.5°	8.6	8.5	7.8	7.4	6.9	6.7	6.0	5.4	4.8	4.6	4.7
90°	19.8	18.5	16.7	14.9	13.1	11.3	9.4	7.3	5.3	3.2	1.2
92.5°	19.8	18.5	16.9	15.2	13.7	12.1	12.0	13.5	14.9	16.3	17.7
95°	19.8	18.5	28.2	38.0	47.7	57.4	62.7	63.5	64.3	65.0	65.8
97.5°	49.6	56.8	76.1	95.4	114.7	133.9	142.9	141.5	140.2	138.8	137.4
100°	162.6	200.9	199.8	198.9	197.8	196.8	195.9	195.1	194.3	193.6	192.8
102.5°	249.1	256.3	255.7	255.1	254.5	253.9	253.1	252.1	251.1	250.1	249.1
105°	344.0	344.0	344.0	344.0	344.0	344.0	343.6	342.5	341.5	340.5	339.5
107.5°	435.5	435.5	435.0	434.4	434.0	433.5	433.2	433.2	433.2	433.2	433.2
110°	495.7	496.4	496.0	495.4	494.9	494.4	494.2	494.2	494.2	494.2	494.2



TEST NUMBER: P333358-940

CATALOG NUMBER: S125DIW-S375D1340U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	554.6	555.5	555.3	554.9	554.6	554.4	553.8	553.2	552.7	552.1	551.4
115°	643.2	644.3	644.0	643.7	643.5	643.2	642.5	641.1	639.9	638.6	637.3
117.5°	729.1	730.4	729.4	728.4	727.5	726.5	726.0	726.0	726.1	726.1	726.2
120°	783.5	783.9	783.2	782.4	781.6	780.9	780.6	780.9	781.1	781.4	781.6
122.5°	836.1	836.6	836.2	835.9	835.5	835.2	834.5	833.5	832.5	831.5	830.5
125°	913.4	914.4	914.4	914.4	914.4	914.4	913.5	911.7	909.9	908.1	906.3
127.5°	983.1	983.6	983.8	984.0	984.1	984.3	983.7	982.4	981.1	979.9	978.6
130°	1029.1	1029.8	1029.6	1029.3	1029.1	1028.9	1028.1	1026.8	1025.5	1024.2	1022.9
132.5°	1071.3	1071.4	1072.0	1072.5	1073.1	1073.7	1073.2	1071.7	1070.2	1068.7	1067.3
135°	1134.4	1134.9	1135.4	1136.0	1136.5	1136.9	1136.5	1134.9	1133.4	1131.8	1130.3
137.5°	1192.3	1192.2	1192.7	1193.1	1193.6	1194.0	1193.6	1192.2	1190.9	1189.5	1188.3
140°	1227.8	1227.3	1227.5	1227.8	1228.1	1228.3	1228.2	1227.6	1227.2	1226.6	1226.1
142.5°	1263.4	1263.3	1262.9	1262.6	1262.2	1261.9	1261.5	1261.2	1260.9	1260.6	1260.3
145°	1313.0	1312.7	1312.7	1312.7	1312.7	1312.7	1312.4	1312.0	1311.4	1310.9	1310.4
147.5°	1355.5	1355.2	1354.9	1354.6	1354.2	1354.0	1353.9	1354.0	1354.1	1354.2	1354.2
150°	1382.5	1382.0	1381.4	1381.0	1380.5	1379.9	1379.9	1380.5	1381.0	1381.4	1382.0
152.5°	1406.5	1406.0	1405.5	1405.0	1404.4	1403.9	1404.3	1405.4	1406.5	1407.7	1408.7
155°	1439.3	1438.6	1438.1	1437.5	1437.0	1436.5	1437.0	1438.6	1440.1	1441.6	1443.1
157.5°	1466.6	1465.8	1465.8	1465.7	1465.6	1465.6	1466.1	1467.0	1467.8	1468.8	1469.7
160°	1483.5	1482.5	1482.2	1481.9	1481.7	1481.4	1482.0	1483.5	1485.1	1486.7	1488.2
162.5°	1498.6	1497.2	1496.9	1496.7	1496.5	1496.2	1496.8	1498.3	1499.9	1501.5	1503.0
165°	1518.6	1517.1	1516.8	1516.5	1516.3	1516.0	1516.7	1518.2	1519.7	1521.3	1522.9
167.5°	1533.5	1531.6	1531.3	1531.1	1530.8	1530.6	1531.2	1532.9	1534.5	1536.1	1537.6
170°	1541.1	1539.0	1538.7	1538.5	1538.2	1537.9	1538.7	1540.5	1542.3	1544.2	1546.0
172.5°	1547.3	1545.4	1545.0	1544.5	1544.1	1543.6	1544.3	1546.0	1547.9	1549.7	1551.5
175°	1553.7	1551.7	1551.5	1551.2	1551.0	1550.7	1551.3	1552.8	1554.4	1555.9	1557.5
177.5°	1557.1	1555.6	1555.4	1555.2	1555.1	1554.8	1555.3	1556.6	1557.8	1559.0	1560.2
180°	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5



TEST NUMBER: P333358-940

CATALOG NUMBER: S125DIW-S375D1340U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4
2.5°	488.1	490.4	491.9	494.6	497.0	498.3	499.4	500.4	501.6	502.6	505.4
5°	491.2	496.6	501.1	508.1	514.5	519.4	524.8	529.5	533.4	539.0	543.3
7.5°	489.8	499.4	509.3	520.2	531.3	541.5	551.1	559.9	567.9	577.7	586.2
10°	488.6	501.5	514.2	529.0	543.9	556.7	568.6	580.9	589.7	602.1	612.6
12.5°	487.6	502.8	518.3	535.8	552.3	570.4	586.3	595.2	608.7	618.6	631.1
15°	483.4	503.5	524.8	544.6	568.1	584.8	598.8	616.1	628.7	641.2	654.8
17.5°	475.9	498.8	522.5	548.5	571.0	588.9	607.0	623.7	638.6	655.5	672.4
20°	472.4	495.3	522.5	549.1	571.1	589.9	608.4	626.8	643.3	664.9	684.5
22.5°	465.2	492.8	517.9	543.9	566.5	586.9	608.0	628.7	650.7	675.1	699.6
25°	452.3	480.3	506.8	532.4	555.3	580.9	603.3	631.2	659.2	691.5	722.0
27.5°	438.8	465.7	490.0	514.7	541.4	570.3	599.4	631.0	667.7	708.6	751.5
30°	427.9	453.3	477.0	502.3	530.1	562.7	594.7	632.1	674.6	720.5	771.7
32.5°	415.3	438.6	461.6	488.5	518.8	553.1	590.4	631.5	682.5	734.7	787.3
35°	393.5	413.1	436.8	465.5	499.6	539.0	582.1	630.7	689.2	749.2	793.4
37.5°	367.8	386.0	411.0	442.4	478.2	520.5	571.6	629.3	691.4	739.2	753.5
40°	350.4	367.4	393.3	425.9	462.5	507.3	563.3	624.3	684.5	715.0	703.2
42.5°	332.0	349.7	375.1	407.2	446.7	495.4	552.9	613.9	664.4	675.9	635.3
45°	302.9	321.2	346.2	378.7	421.2	473.9	533.9	589.3	618.3	597.5	534.7
47.5°	275.8	293.0	316.1	349.7	393.5	448.1	505.8	550.0	552.3	502.7	435.5
50°	257.3	273.2	296.5	330.1	373.5	428.8	480.9	515.8	500.1	443.8	379.3
52.5°	239.2	254.8	277.7	310.9	353.9	404.6	453.1	477.5	448.0	390.2	335.2
55°	213.0	226.7	249.1	279.8	320.6	367.6	408.8	417.2	378.9	322.1	277.3
57.5°	187.5	200.2	220.6	248.9	286.2	327.8	360.1	358.2	317.7	268.9	233.4
60°	170.2	182.5	200.7	228.3	262.3	298.2	325.7	319.1	279.0	236.9	207.1
62.5°	154.7	165.8	182.9	207.1	238.1	271.3	293.9	284.2	244.9	208.1	184.5
65°	131.9	141.2	155.8	176.4	202.2	229.5	247.1	234.5	200.9	172.3	153.3
67.5°	110.0	117.5	129.7	146.2	168.2	190.2	200.8	188.2	161.3	140.4	126.4
70°	96.2	102.8	112.3	126.9	146.1	164.6	172.6	161.3	138.2	120.3	110.2
72.5°	82.4	87.8	96.1	109.3	124.7	140.7	147.8	137.0	118.0	102.8	93.5
75°	63.7	67.4	73.1	82.2	94.3	107.2	111.0	101.6	89.4	78.1	71.9
77.5°	45.6	48.7	53.1	58.8	67.4	75.5	78.9	73.5	64.1	56.9	51.8
80°	35.0	36.6	40.4	45.1	51.9	57.1	59.3	55.8	49.2	43.9	39.9
82.5°	25.0	26.7	28.8	32.7	37.1	40.6	43.0	40.7	35.9	31.7	29.4
85°	12.1	13.2	14.4	16.1	19.4	21.4	21.2	19.8	17.9	16.3	15.1
87.5°	4.9	5.5	6.4	7.7	8.6	9.5	10.3	10.3	10.0	9.7	9.5
90°	3.2	5.3	7.3	9.4	11.3	13.1	14.9	16.7	18.5	19.8	21.0
92.5°	16.3	14.9	13.5	12.0	12.1	13.7	15.2	16.9	18.5	19.8	21.0
95°	65.0	64.3	63.5	62.7	57.4	47.7	38.0	28.2	18.5	19.8	21.0
97.5°	138.8	140.2	141.5	142.9	133.9	114.7	95.4	76.1	56.8	49.6	42.4
100°	193.6	194.3	195.1	195.9	196.8	197.8	198.9	199.8	200.9	162.6	124.4
102.5°	250.1	251.1	252.1	253.1	253.9	254.5	255.1	255.7	256.3	249.1	241.8
105°	340.5	341.5	342.5	343.6	344.0	344.0	344.0	344.0	344.0	344.0	344.0
107.5°	433.2	433.2	433.2	433.2	433.5	434.0	434.4	435.0	435.5	435.5	435.6
110°	494.2	494.2	494.2	494.2	494.4	494.9	495.4	496.0	496.4	495.7	494.9



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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	552.1	552.7	553.2	553.8	554.4	554.6	554.9	555.3	555.5	554.6	553.6
115°	638.6	639.9	641.1	642.5	643.2	643.5	643.7	644.0	644.3	643.2	642.2
117.5°	726.1	726.1	726.0	726.0	726.5	727.5	728.4	729.4	730.4	729.1	727.7
120°	781.4	781.1	780.9	780.6	780.9	781.6	782.4	783.2	783.9	783.5	782.9
122.5°	831.5	832.5	833.5	834.5	835.2	835.5	835.9	836.2	836.6	836.1	835.5
125°	908.1	909.9	911.7	913.5	914.4	914.4	914.4	914.4	914.4	913.4	912.3
127.5°	979.9	981.1	982.4	983.7	984.3	984.1	984.0	983.8	983.6	983.1	982.6
130°	1024.2	1025.5	1026.8	1028.1	1028.9	1029.1	1029.3	1029.6	1029.8	1029.1	1028.3
132.5°	1068.7	1070.2	1071.7	1073.2	1073.7	1073.1	1072.5	1072.0	1071.4	1071.3	1071.1
135°	1131.8	1133.4	1134.9	1136.5	1136.9	1136.5	1136.0	1135.4	1134.9	1134.4	1133.9
137.5°	1189.5	1190.9	1192.2	1193.6	1194.0	1193.6	1193.1	1192.7	1192.2	1192.3	1192.4
140°	1226.6	1227.2	1227.6	1228.2	1228.3	1228.1	1227.8	1227.5	1227.3	1227.8	1228.3
142.5°	1260.6	1260.9	1261.2	1261.5	1261.9	1262.2	1262.6	1262.9	1263.3	1263.4	1263.5
145°	1310.9	1311.4	1312.0	1312.4	1312.7	1312.7	1312.7	1312.7	1312.7	1313.0	1313.2
147.5°	1354.2	1354.1	1354.0	1353.9	1354.0	1354.2	1354.6	1354.9	1355.2	1355.5	1355.8
150°	1381.4	1381.0	1380.5	1379.9	1379.9	1380.5	1381.0	1381.4	1382.0	1382.5	1383.0
152.5°	1407.7	1406.5	1405.4	1404.3	1403.9	1404.4	1405.0	1405.5	1406.0	1406.5	1407.0
155°	1441.6	1440.1	1438.6	1437.0	1436.5	1437.0	1437.5	1438.1	1438.6	1439.3	1440.1
157.5°	1468.8	1467.8	1467.0	1466.1	1465.6	1465.6	1465.7	1465.8	1465.8	1466.6	1467.5
160°	1486.7	1485.1	1483.5	1482.0	1481.4	1481.7	1481.9	1482.2	1482.5	1483.5	1484.5
162.5°	1501.5	1499.9	1498.3	1496.8	1496.2	1496.5	1496.7	1496.9	1497.2	1498.6	1500.0
165°	1521.3	1519.7	1518.2	1516.7	1516.0	1516.3	1516.5	1516.8	1517.1	1518.6	1520.1
167.5°	1536.1	1534.5	1532.9	1531.2	1530.6	1530.8	1531.1	1531.3	1531.6	1533.5	1535.3
170°	1544.2	1542.3	1540.5	1538.7	1537.9	1538.2	1538.5	1538.7	1539.0	1541.1	1543.1
172.5°	1549.7	1547.9	1546.0	1544.3	1543.6	1544.1	1544.5	1545.0	1545.4	1547.3	1549.2
175°	1555.9	1554.4	1552.8	1551.3	1550.7	1551.0	1551.2	1551.5	1551.7	1553.7	1555.8
177.5°	1559.0	1557.8	1556.6	1555.3	1554.8	1555.1	1555.2	1555.4	1555.6	1557.1	1558.5
180°	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	485.4	485.4	485.4	485.4	485.4	485.4	485.4
2.5°	507.7	509.0	511.8	510.9	512.1	512.8	513.4
5°	548.7	555.3	558.2	557.8	562.1	561.1	560.0
7.5°	595.0	601.9	605.8	610.6	613.4	613.7	616.1
10°	621.3	630.3	634.0	639.2	642.5	644.4	644.1
12.5°	641.3	648.5	656.7	659.2	663.7	666.1	665.2
15°	665.6	676.9	685.5	689.8	695.4	697.1	699.3
17.5°	687.2	702.3	712.4	725.9	730.9	734.1	732.2
20°	703.5	723.4	733.5	749.6	758.5	763.2	761.5
22.5°	722.7	744.4	763.0	776.9	790.4	796.8	798.2
25°	755.8	785.4	812.9	831.2	847.8	851.8	860.4
27.5°	792.7	827.7	857.0	876.3	887.9	892.2	895.0
30°	815.9	850.8	872.8	885.2	888.9	888.5	888.1
32.5°	827.3	849.1	853.4	849.9	841.4	834.2	826.7
35°	811.2	795.0	770.6	739.3	716.2	692.9	690.6
37.5°	729.6	677.5	637.0	591.8	565.8	549.7	538.5
40°	652.7	593.6	544.6	506.5	479.9	469.4	459.1
42.5°	569.4	512.8	469.4	437.6	417.6	405.9	397.8
45°	462.5	412.7	378.7	355.6	339.7	330.7	325.6
47.5°	379.1	342.1	313.3	296.6	285.7	278.7	278.7
50°	334.2	299.0	279.8	266.6	257.2	251.6	252.6
52.5°	294.4	268.1	251.8	240.8	233.7	230.3	230.2
55°	246.2	227.3	216.6	208.5	203.8	199.8	200.7
57.5°	210.6	194.7	187.4	180.7	177.5	175.9	173.6
60°	188.5	176.2	170.0	164.6	161.3	160.1	157.8
62.5°	168.9	159.2	153.2	148.8	145.9	145.4	143.7
65°	142.0	134.6	129.2	127.2	124.0	123.2	123.2
67.5°	117.0	111.7	107.5	105.7	104.3	104.5	103.5
70°	101.4	97.0	94.3	92.3	91.3	91.5	90.7
72.5°	88.7	83.8	81.5	80.3	78.9	79.5	79.1
75°	67.1	64.7	63.5	62.2	61.4	61.0	60.5
77.5°	49.3	47.2	46.2	45.5	45.7	44.6	45.4
80°	38.1	36.3	35.7	34.6	34.4	34.4	34.2
82.5°	27.9	26.8	26.4	25.6	25.1	25.5	25.0
85°	14.4	13.6	13.4	13.4	13.0	12.6	13.6
87.5°	9.7	9.4	9.5	9.5	9.7	9.6	9.5
90°	22.3	23.6	24.6	25.4	26.1	26.9	27.7
92.5°	22.3	23.6	24.4	24.8	25.1	25.5	25.9
95°	22.3	23.6	24.3	24.3	24.3	24.3	24.3
97.5°	35.1	27.8	24.3	24.3	24.3	24.3	24.3
100°	86.2	48.0	28.4	27.3	26.3	25.2	24.3
102.5°	234.6	227.4	215.0	197.6	180.1	162.6	145.3
105°	344.0	344.0	343.9	343.7	343.4	343.1	342.9
107.5°	435.7	435.7	435.3	434.5	433.8	433.0	432.3
110°	494.2	493.4	493.1	493.4	493.7	493.9	494.2



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	552.7	551.7	551.0	550.6	550.3	549.9	549.6
115°	641.1	640.2	638.8	637.3	635.8	634.2	632.7
117.5°	726.4	725.1	724.0	723.4	722.7	722.0	721.4
120°	782.4	781.9	781.0	779.7	778.4	777.1	775.9
122.5°	835.0	834.6	833.5	832.1	830.5	829.0	827.6
125°	911.3	910.3	909.4	908.7	907.9	907.0	906.3
127.5°	982.0	981.4	980.2	978.3	976.4	974.5	972.6
130°	1027.5	1026.8	1025.7	1024.5	1023.1	1021.9	1020.7
132.5°	1070.9	1070.8	1070.1	1068.8	1067.6	1066.2	1065.0
135°	1133.4	1132.8	1131.8	1130.3	1128.7	1127.2	1125.7
137.5°	1192.5	1192.6	1191.9	1190.6	1189.3	1187.9	1186.6
140°	1228.8	1229.3	1228.8	1227.3	1225.7	1224.2	1222.6
142.5°	1263.6	1263.7	1263.0	1261.4	1259.9	1258.4	1256.9
145°	1313.5	1313.8	1313.1	1311.5	1310.0	1308.5	1307.0
147.5°	1356.1	1356.5	1355.7	1353.8	1351.9	1350.1	1348.3
150°	1383.5	1384.0	1383.2	1381.2	1379.1	1377.1	1375.0
152.5°	1407.6	1408.0	1407.4	1405.5	1403.7	1401.9	1400.0
155°	1440.8	1441.6	1441.0	1439.0	1436.9	1434.9	1432.8
157.5°	1468.3	1469.1	1468.5	1466.4	1464.4	1462.3	1460.3
160°	1485.5	1486.6	1486.0	1484.0	1481.9	1479.9	1477.8
162.5°	1501.6	1503.0	1502.5	1500.3	1498.0	1495.8	1493.5
165°	1521.7	1523.2	1523.0	1520.9	1518.9	1516.8	1514.7
167.5°	1537.1	1539.0	1538.7	1536.4	1534.2	1531.9	1529.6
170°	1545.2	1547.2	1547.1	1544.8	1542.5	1540.2	1537.8
172.5°	1551.0	1552.8	1552.6	1550.3	1548.0	1545.7	1543.4
175°	1557.8	1559.9	1559.8	1557.5	1555.1	1552.8	1550.5
177.5°	1560.0	1561.4	1561.3	1559.6	1558.0	1556.3	1554.7
180°	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5

(END OF REPORT)