

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: P333359-940

Luminaire Tested: **S125DIW-S375D1340U940-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333359-940  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-11,  
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-A1  
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 375 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 1340 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5520.6 lumens  
Efficiency: N/A  
Efficacy: 118.5 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

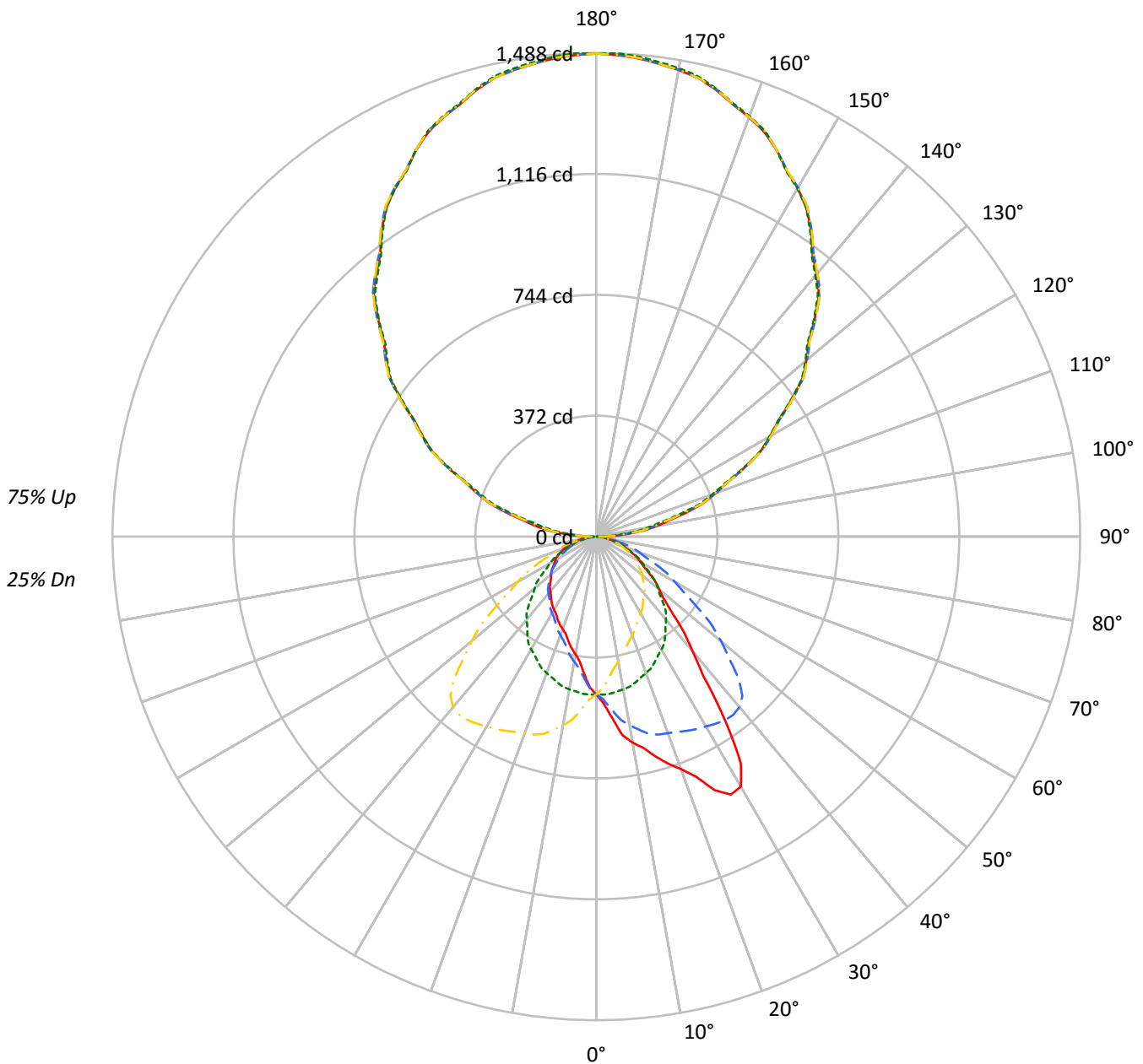
Input Watts (W): 46.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - - - 90°-270°    - - - 135°-315°



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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	90	90	90	90	69	69	69	50	50	50	33	33	33	25
1	92	88	84	81	82	79	76	73	61	59	57	44	43	42	29	29	28	21
2	84	77	71	66	75	69	64	60	53	50	47	39	37	35	26	25	24	18
3	77	68	61	55	68	61	55	50	47	43	40	35	32	30	23	22	20	15
4	70	60	52	47	62	54	47	42	42	37	34	31	28	26	21	19	18	13
5	64	53	45	40	57	48	41	36	37	33	29	28	24	22	19	17	15	11
6	59	48	40	34	52	43	36	31	33	29	25	25	22	19	17	15	13	10
7	54	43	35	30	48	38	32	27	30	25	22	23	19	17	15	13	12	9
8	50	39	31	26	45	35	28	24	27	23	19	21	17	15	14	12	11	8
9	47	35	28	23	42	32	25	21	25	20	17	19	16	13	13	11	10	7
10	44	32	25	21	39	29	23	19	23	18	15	17	14	12	12	10	9	7

**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	2.5
20°-30°	225.9	4.1
30°-40°	275.6	5.0
40°-50°	250.7	4.5
50°-60°	199.7	3.6
60°-70°	139.1	2.5
70°-80°	74.2	1.3
80°-90°	22.0	0.4
90°-100°	99.5	1.8
100°-110°	294.0	5.3
110°-120°	497.9	9.0
120°-130°	655.3	11.9
130°-140°	734.3	13.3
140°-150°	719.7	13.0
150°-160°	604.5	10.9
160°-170°	401.8	7.3
170°-180°	140.6	2.5
0°-30°	411.8	7.5
0°-40°	687.4	12.5
0°-60°	1137.8	20.6
0°-90°	1373.1	24.9
90°-120°	891.4	16.1
90°-150°	3000.7	54.4
90°-180°	4148.0	75.1
0°-180°	5520.6	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	16
95°	100	75	100	75	100	101
105°	287	264	287	264	287	304
115°	503	499	503	499	503	498
125°	732	728	732	728	732	654
135°	950	946	950	946	950	733
145°	1151	1146	1151	1146	1151	718
155°	1312	1312	1312	1312	1312	604
165°	1423	1426	1423	1426	1423	401
175°	1477	1483	1477	1483	1477	140
180°	1486	1486	1486	1486	1486	



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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	9.7	9.7	9.5	9.5	9.4	9.7	9.5	9.7	10.0	10.3
90°	27.7	27.0	26.2	25.4	24.7	23.6	22.4	21.0	19.8	18.5	16.7
92.5°	54.6	54.0	53.5	52.9	52.3	51.2	49.5	47.8	46.1	44.4	42.2
95°	99.5	99.0	98.4	97.9	97.4	96.3	94.4	92.6	90.9	89.1	86.5
97.5°	150.9	150.5	150.3	149.9	149.6	148.6	146.9	145.2	143.5	141.8	138.3
100°	189.7	189.2	188.7	188.2	187.6	186.2	183.9	181.6	179.3	177.0	173.6
102.5°	228.5	227.8	227.1	226.4	225.7	224.1	221.5	219.0	216.5	214.0	212.3
105°	286.9	286.1	285.3	284.5	283.7	282.6	281.1	279.6	278.0	276.4	274.9
107.5°	346.5	346.6	346.6	346.7	346.8	346.4	345.6	344.8	344.1	343.3	342.1
110°	390.9	391.2	391.5	391.7	392.0	391.7	390.9	390.2	389.4	388.6	387.9



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	434.4	434.9	435.4	435.9	436.3	436.3	436.0	435.6	435.2	434.9	433.9
115°	503.2	503.5	503.6	503.9	504.2	504.4	504.7	505.0	505.2	505.5	505.0
117.5°	570.2	571.3	572.3	573.4	574.4	574.8	574.5	574.4	574.2	574.0	573.5
120°	616.5	617.5	618.6	619.6	620.6	621.2	621.2	621.2	621.2	621.2	620.9
122.5°	662.8	663.6	664.4	665.2	666.1	666.6	666.8	667.0	667.2	667.4	666.7
125°	732.2	732.5	732.7	733.0	733.3	733.6	734.1	734.6	735.1	735.7	735.4
127.5°	798.8	799.3	799.9	800.4	800.8	801.3	801.5	801.7	802.0	802.3	802.0
130°	843.2	843.7	844.3	844.8	845.3	845.7	846.0	846.1	846.4	846.7	846.1
132.5°	884.8	885.6	886.3	887.1	887.8	888.2	888.5	888.8	889.0	889.3	889.4
135°	949.7	950.7	951.7	952.7	953.8	954.3	954.3	954.3	954.3	954.3	954.0
137.5°	1013.1	1014.3	1015.6	1016.9	1018.2	1018.7	1018.3	1018.1	1017.7	1017.4	1016.9
140°	1053.7	1055.1	1056.3	1057.6	1058.9	1059.3	1058.7	1058.3	1057.7	1057.2	1056.4
142.5°	1092.6	1093.9	1095.2	1096.4	1097.8	1098.2	1098.0	1097.6	1097.3	1097.0	1096.0
145°	1150.9	1151.6	1152.4	1153.2	1154.0	1154.4	1154.4	1154.4	1154.4	1154.4	1153.6
147.5°	1200.7	1202.4	1204.2	1205.9	1207.6	1208.2	1207.6	1206.9	1206.4	1205.8	1205.1
150°	1237.7	1238.1	1238.7	1239.2	1239.7	1240.0	1240.0	1240.0	1240.0	1240.0	1238.9
152.5°	1268.2	1269.1	1270.1	1271.0	1271.9	1272.0	1271.4	1270.8	1270.2	1269.6	1269.2
155°	1311.7	1313.0	1314.3	1315.5	1316.8	1317.0	1315.9	1314.9	1313.8	1312.9	1312.6
157.5°	1348.0	1349.7	1351.4	1353.1	1354.8	1355.1	1354.1	1353.1	1352.0	1351.0	1350.8
160°	1373.0	1374.3	1375.6	1376.9	1378.1	1378.2	1377.2	1376.2	1375.2	1374.1	1373.9
162.5°	1394.3	1395.8	1397.2	1398.7	1400.3	1400.3	1399.1	1397.9	1396.7	1395.4	1395.3
165°	1422.7	1424.2	1425.8	1427.4	1428.9	1429.1	1428.2	1427.1	1426.1	1425.0	1424.8
167.5°	1445.4	1447.0	1448.6	1450.2	1451.8	1451.8	1450.3	1448.8	1447.2	1445.6	1445.6
170°	1457.4	1459.2	1461.1	1462.9	1464.6	1464.7	1463.2	1461.7	1460.2	1458.6	1458.6
172.5°	1467.6	1469.2	1470.8	1472.4	1474.0	1474.0	1472.5	1471.0	1469.4	1467.8	1467.8
175°	1477.1	1478.9	1480.7	1482.5	1484.3	1484.4	1482.9	1481.3	1479.8	1478.3	1478.3
177.5°	1482.6	1484.1	1485.5	1486.9	1488.4	1488.5	1487.3	1486.0	1484.8	1483.5	1483.8
180°	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4



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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°	40.0	37.8	35.6	33.7	32.3	30.9	29.4	28.0	29.4	30.9	32.3
95°	83.9	81.3	78.8	77.2	76.7	76.2	75.7	75.2	75.7	76.2	76.7
97.5°	134.7	131.2	127.6	125.7	125.6	125.4	125.1	124.9	125.1	125.4	125.6
100°	170.3	166.9	163.6	161.9	161.9	161.9	161.9	161.9	161.9	161.9	161.9
102.5°	210.6	208.9	207.2	205.8	204.8	203.8	202.8	201.7	202.8	203.8	204.8
105°	273.4	271.8	270.3	268.9	267.6	266.3	265.0	263.8	265.0	266.3	267.6
107.5°	340.9	339.7	338.6	337.3	336.1	334.7	333.5	332.2	333.5	334.7	336.1
110°	387.1	386.4	385.6	384.5	383.3	382.0	380.7	379.4	380.7	382.0	383.3





TEST NUMBER: P333359-940

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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	432.9	431.9	431.1	430.2	429.5	428.8	428.2	427.5	428.2	428.8	429.5
115°	504.4	503.9	503.5	502.7	501.6	500.6	499.5	498.6	499.5	500.6	501.6
117.5°	573.0	572.6	572.1	571.7	571.1	570.7	570.2	569.8	570.2	570.7	571.1
120°	620.6	620.4	620.1	619.4	618.0	616.8	615.5	614.2	615.5	616.8	618.0
122.5°	666.1	665.4	664.8	664.1	663.7	663.3	662.8	662.4	662.8	663.3	663.7
125°	735.1	734.9	734.6	733.7	732.2	730.7	729.1	727.5	729.1	730.7	732.2
127.5°	801.6	801.4	801.0	800.5	799.6	798.7	797.8	796.9	797.8	798.7	799.6
130°	845.7	845.2	844.6	843.7	842.5	841.2	839.9	838.6	839.9	841.2	842.5
132.5°	889.5	889.6	889.7	888.7	886.5	884.5	882.3	880.2	882.3	884.5	886.5
135°	953.8	953.5	953.2	952.3	950.8	949.2	947.7	946.2	947.7	949.2	950.8
137.5°	1016.3	1015.7	1015.1	1014.1	1012.6	1011.2	1009.7	1008.2	1009.7	1011.2	1012.6
140°	1055.7	1054.9	1054.1	1053.1	1051.9	1050.5	1049.3	1047.9	1049.3	1050.5	1051.9
142.5°	1095.0	1094.0	1093.1	1092.1	1091.0	1089.9	1088.9	1087.8	1088.9	1089.9	1091.0
145°	1152.8	1152.1	1151.3	1150.4	1149.3	1148.3	1147.3	1146.3	1147.3	1148.3	1149.3
147.5°	1204.5	1203.9	1203.3	1202.7	1202.1	1201.6	1201.0	1200.4	1201.0	1201.6	1202.1
150°	1238.0	1236.9	1235.8	1235.5	1235.7	1236.0	1236.3	1236.5	1236.3	1236.0	1235.7
152.5°	1268.7	1268.4	1267.9	1267.6	1267.2	1266.9	1266.5	1266.1	1266.5	1266.9	1267.2
155°	1312.3	1312.1	1311.8	1311.7	1311.7	1311.7	1311.7	1311.7	1311.7	1311.7	1311.7
157.5°	1350.5	1350.2	1350.0	1350.1	1350.7	1351.3	1351.8	1352.4	1351.8	1351.3	1350.7
160°	1373.7	1373.4	1373.1	1373.4	1374.1	1374.9	1375.7	1376.4	1375.7	1374.9	1374.1
162.5°	1395.3	1395.3	1395.3	1395.5	1396.1	1396.6	1397.2	1397.8	1397.2	1396.6	1396.1
165°	1424.5	1424.2	1424.1	1424.2	1424.7	1425.1	1425.7	1426.2	1425.7	1425.1	1424.7
167.5°	1445.6	1445.6	1445.6	1446.2	1447.2	1448.2	1449.2	1450.3	1449.2	1448.2	1447.2
170°	1458.6	1458.6	1458.6	1459.1	1460.2	1461.2	1462.2	1463.2	1462.2	1461.2	1460.2
172.5°	1467.8	1467.8	1467.8	1468.4	1469.4	1470.4	1471.4	1472.5	1471.4	1470.4	1469.4
175°	1478.3	1478.3	1478.3	1478.8	1479.8	1480.9	1481.8	1482.9	1481.8	1480.9	1479.8
177.5°	1484.0	1484.2	1484.4	1484.9	1485.8	1486.6	1487.4	1488.2	1487.4	1486.6	1485.8
180°	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4



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**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	10.7	10.7
90°	9.4	11.3	13.1	14.9	16.7	18.5	19.8	21.0	22.4	23.6	24.7
92.5°	33.7	35.6	37.8	40.0	42.2	44.4	46.1	47.8	49.5	51.2	52.3
95°	77.2	78.8	81.3	83.9	86.5	89.1	90.9	92.6	94.4	96.3	97.4
97.5°	125.7	127.6	131.2	134.7	138.3	141.8	143.5	145.2	146.9	148.6	149.6
100°	161.9	163.6	166.9	170.3	173.6	177.0	179.3	181.6	183.9	186.2	187.6
102.5°	205.8	207.2	208.9	210.6	212.3	214.0	216.5	219.0	221.5	224.1	225.7
105°	268.9	270.3	271.8	273.4	274.9	276.4	278.0	279.6	281.1	282.6	283.7
107.5°	337.3	338.6	339.7	340.9	342.1	343.3	344.1	344.8	345.6	346.4	346.8
110°	384.5	385.6	386.4	387.1	387.9	388.6	389.4	390.2	390.9	391.7	392.0



TEST NUMBER: P333359-940

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**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	430.2	431.1	431.9	432.9	433.9	434.9	435.2	435.6	436.0	436.3	436.3
115°	502.7	503.5	503.9	504.4	505.0	505.5	505.2	505.0	504.7	504.4	504.2
117.5°	571.7	572.1	572.6	573.0	573.5	574.0	574.2	574.4	574.5	574.8	574.4
120°	619.4	620.1	620.4	620.6	620.9	621.2	621.2	621.2	621.2	621.2	620.6
122.5°	664.1	664.8	665.4	666.1	666.7	667.4	667.2	667.0	666.8	666.6	666.1
125°	733.7	734.6	734.9	735.1	735.4	735.7	735.1	734.6	734.1	733.6	733.3
127.5°	800.5	801.0	801.4	801.6	802.0	802.3	802.0	801.7	801.5	801.3	800.8
130°	843.7	844.6	845.2	845.7	846.1	846.7	846.4	846.1	846.0	845.7	845.3
132.5°	888.7	889.7	889.6	889.5	889.4	889.3	889.0	888.8	888.5	888.2	887.8
135°	952.3	953.2	953.5	953.8	954.0	954.3	954.3	954.3	954.3	954.3	953.8
137.5°	1014.1	1015.1	1015.7	1016.3	1016.9	1017.4	1017.7	1018.1	1018.3	1018.7	1018.2
140°	1053.1	1054.1	1054.9	1055.7	1056.4	1057.2	1057.7	1058.3	1058.7	1059.3	1058.9
142.5°	1092.1	1093.1	1094.0	1095.0	1096.0	1097.0	1097.3	1097.6	1098.0	1098.2	1097.8
145°	1150.4	1151.3	1152.1	1152.8	1153.6	1154.4	1154.4	1154.4	1154.4	1154.4	1154.0
147.5°	1202.7	1203.3	1203.9	1204.5	1205.1	1205.8	1206.4	1206.9	1207.6	1208.2	1207.6
150°	1235.5	1235.8	1236.9	1238.0	1238.9	1240.0	1240.0	1240.0	1240.0	1240.0	1239.7
152.5°	1267.6	1267.9	1268.4	1268.7	1269.2	1269.6	1270.2	1270.8	1271.4	1272.0	1271.9
155°	1311.7	1311.8	1312.1	1312.3	1312.6	1312.9	1313.8	1314.9	1315.9	1317.0	1316.8
157.5°	1350.1	1350.0	1350.2	1350.5	1350.8	1351.0	1352.0	1353.1	1354.1	1355.1	1354.8
160°	1373.4	1373.1	1373.4	1373.7	1373.9	1374.1	1375.2	1376.2	1377.2	1378.2	1378.1
162.5°	1395.5	1395.3	1395.3	1395.3	1395.3	1395.4	1396.7	1397.9	1399.1	1400.3	1400.3
165°	1424.2	1424.1	1424.2	1424.5	1424.8	1425.0	1426.1	1427.1	1428.2	1429.1	1428.9
167.5°	1446.2	1445.6	1445.6	1445.6	1445.6	1445.6	1447.2	1448.8	1450.3	1451.8	1451.8
170°	1459.1	1458.6	1458.6	1458.6	1458.6	1458.6	1460.2	1461.7	1463.2	1464.7	1464.6
172.5°	1468.4	1467.8	1467.8	1467.8	1467.8	1467.8	1469.4	1471.0	1472.5	1474.0	1474.0
175°	1478.8	1478.3	1478.3	1478.3	1478.3	1478.3	1479.8	1481.3	1482.9	1484.4	1484.3
177.5°	1484.9	1484.4	1484.2	1484.0	1483.8	1483.5	1484.8	1486.0	1487.3	1488.5	1488.4
180°	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4



TEST NUMBER: P333359-940

CATALOG NUMBER: S125DIW-S375D1340U940-4F0-1E-UDD-A1

**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	11.9	11.3	11.1	11.1	10.7	10.7	10.1	9.5
90°	25.4	26.2	27.0	27.7	27.0	26.2	25.4	24.7	23.6	22.4	21.0
92.5°	52.9	53.5	54.0	54.6	54.0	53.5	52.9	52.3	51.2	49.5	47.8
95°	97.9	98.4	99.0	99.5	99.0	98.4	97.9	97.4	96.3	94.4	92.6
97.5°	149.9	150.3	150.5	150.9	150.5	150.3	149.9	149.6	148.6	146.9	145.2
100°	188.2	188.7	189.2	189.7	189.2	188.7	188.2	187.6	186.2	183.9	181.6
102.5°	226.4	227.1	227.8	228.5	227.8	227.1	226.4	225.7	224.1	221.5	219.0
105°	284.5	285.3	286.1	286.9	286.1	285.3	284.5	283.7	282.6	281.1	279.6
107.5°	346.7	346.6	346.6	346.5	346.6	346.6	346.7	346.8	346.4	345.6	344.8
110°	391.7	391.5	391.2	390.9	391.2	391.5	391.7	392.0	391.7	390.9	390.2



TEST NUMBER: P333359-940

CATALOG NUMBER: S125DIW-S375D1340U940-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	435.9	435.4	434.9	434.4	434.9	435.4	435.9	436.3	436.3	436.0	435.6
115°	503.9	503.6	503.5	503.2	503.5	503.6	503.9	504.2	504.4	504.7	505.0
117.5°	573.4	572.3	571.3	570.2	571.3	572.3	573.4	574.4	574.8	574.5	574.4
120°	619.6	618.6	617.5	616.5	617.5	618.6	619.6	620.6	621.2	621.2	621.2
122.5°	665.2	664.4	663.6	662.8	663.6	664.4	665.2	666.1	666.6	666.8	667.0
125°	733.0	732.7	732.5	732.2	732.5	732.7	733.0	733.3	733.6	734.1	734.6
127.5°	800.4	799.9	799.3	798.8	799.3	799.9	800.4	800.8	801.3	801.5	801.7
130°	844.8	844.3	843.7	843.2	843.7	844.3	844.8	845.3	845.7	846.0	846.1
132.5°	887.1	886.3	885.6	884.8	885.6	886.3	887.1	887.8	888.2	888.5	888.8
135°	952.7	951.7	950.7	949.7	950.7	951.7	952.7	953.8	954.3	954.3	954.3
137.5°	1016.9	1015.6	1014.3	1013.1	1014.3	1015.6	1016.9	1018.2	1018.7	1018.3	1018.1
140°	1057.6	1056.3	1055.1	1053.7	1055.1	1056.3	1057.6	1058.9	1059.3	1058.7	1058.3
142.5°	1096.4	1095.2	1093.9	1092.6	1093.9	1095.2	1096.4	1097.8	1098.2	1098.0	1097.6
145°	1153.2	1152.4	1151.6	1150.9	1151.6	1152.4	1153.2	1154.0	1154.4	1154.4	1154.4
147.5°	1205.9	1204.2	1202.4	1200.7	1202.4	1204.2	1205.9	1207.6	1208.2	1207.6	1206.9
150°	1239.2	1238.7	1238.1	1237.7	1238.1	1238.7	1239.2	1239.7	1240.0	1240.0	1240.0
152.5°	1271.0	1270.1	1269.1	1268.2	1269.1	1270.1	1271.0	1271.9	1272.0	1271.4	1270.8
155°	1315.5	1314.3	1313.0	1311.7	1313.0	1314.3	1315.5	1316.8	1317.0	1315.9	1314.9
157.5°	1353.1	1351.4	1349.7	1348.0	1349.7	1351.4	1353.1	1354.8	1355.1	1354.1	1353.1
160°	1376.9	1375.6	1374.3	1373.0	1374.3	1375.6	1376.9	1378.1	1378.2	1377.2	1376.2
162.5°	1398.7	1397.2	1395.8	1394.3	1395.8	1397.2	1398.7	1400.3	1400.3	1399.1	1397.9
165°	1427.4	1425.8	1424.2	1422.7	1424.2	1425.8	1427.4	1428.9	1429.1	1428.2	1427.1
167.5°	1450.2	1448.6	1447.0	1445.4	1447.0	1448.6	1450.2	1451.8	1451.8	1450.3	1448.8
170°	1462.9	1461.1	1459.2	1457.4	1459.2	1461.1	1462.9	1464.6	1464.7	1463.2	1461.7
172.5°	1472.4	1470.8	1469.2	1467.6	1469.2	1470.8	1472.4	1474.0	1474.0	1472.5	1471.0
175°	1482.5	1480.7	1478.9	1477.1	1478.9	1480.7	1482.5	1484.3	1484.4	1482.9	1481.3
177.5°	1486.9	1485.5	1484.1	1482.6	1484.1	1485.5	1486.9	1488.4	1488.5	1487.3	1486.0
180°	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4



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**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°	46.1	44.4	42.2	40.0	37.8	35.6	33.7	32.3	30.9	29.4	28.0
95°	90.9	89.1	86.5	83.9	81.3	78.8	77.2	76.7	76.2	75.7	75.2
97.5°	143.5	141.8	138.3	134.7	131.2	127.6	125.7	125.6	125.4	125.1	124.9
100°	179.3	177.0	173.6	170.3	166.9	163.6	161.9	161.9	161.9	161.9	161.9
102.5°	216.5	214.0	212.3	210.6	208.9	207.2	205.8	204.8	203.8	202.8	201.7
105°	278.0	276.4	274.9	273.4	271.8	270.3	268.9	267.6	266.3	265.0	263.8
107.5°	344.1	343.3	342.1	340.9	339.7	338.6	337.3	336.1	334.7	333.5	332.2
110°	389.4	388.6	387.9	387.1	386.4	385.6	384.5	383.3	382.0	380.7	379.4



TEST NUMBER: P333359-940

CATALOG NUMBER: S125DIW-S375D1340U940-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	435.2	434.9	433.9	432.9	431.9	431.1	430.2	429.5	428.8	428.2	427.5
115°	505.2	505.5	505.0	504.4	503.9	503.5	502.7	501.6	500.6	499.5	498.6
117.5°	574.2	574.0	573.5	573.0	572.6	572.1	571.7	571.1	570.7	570.2	569.8
120°	621.2	621.2	620.9	620.6	620.4	620.1	619.4	618.0	616.8	615.5	614.2
122.5°	667.2	667.4	666.7	666.1	665.4	664.8	664.1	663.7	663.3	662.8	662.4
125°	735.1	735.7	735.4	735.1	734.9	734.6	733.7	732.2	730.7	729.1	727.5
127.5°	802.0	802.3	802.0	801.6	801.4	801.0	800.5	799.6	798.7	797.8	796.9
130°	846.4	846.7	846.1	845.7	845.2	844.6	843.7	842.5	841.2	839.9	838.6
132.5°	889.0	889.3	889.4	889.5	889.6	889.7	888.7	886.5	884.5	882.3	880.2
135°	954.3	954.3	954.0	953.8	953.5	953.2	952.3	950.8	949.2	947.7	946.2
137.5°	1017.7	1017.4	1016.9	1016.3	1015.7	1015.1	1014.1	1012.6	1011.2	1009.7	1008.2
140°	1057.7	1057.2	1056.4	1055.7	1054.9	1054.1	1053.1	1051.9	1050.5	1049.3	1047.9
142.5°	1097.3	1097.0	1096.0	1095.0	1094.0	1093.1	1092.1	1091.0	1089.9	1088.9	1087.8
145°	1154.4	1154.4	1153.6	1152.8	1152.1	1151.3	1150.4	1149.3	1148.3	1147.3	1146.3
147.5°	1206.4	1205.8	1205.1	1204.5	1203.9	1203.3	1202.7	1202.1	1201.6	1201.0	1200.4
150°	1240.0	1240.0	1238.9	1238.0	1236.9	1235.8	1235.5	1235.7	1236.0	1236.3	1236.5
152.5°	1270.2	1269.6	1269.2	1268.7	1268.4	1267.9	1267.6	1267.2	1266.9	1266.5	1266.1
155°	1313.8	1312.9	1312.6	1312.3	1312.1	1311.8	1311.7	1311.7	1311.7	1311.7	1311.7
157.5°	1352.0	1351.0	1350.8	1350.5	1350.2	1350.0	1350.1	1350.7	1351.3	1351.8	1352.4
160°	1375.2	1374.1	1373.9	1373.7	1373.4	1373.1	1373.4	1374.1	1374.9	1375.7	1376.4
162.5°	1396.7	1395.4	1395.3	1395.3	1395.3	1395.3	1395.5	1396.1	1396.6	1397.2	1397.8
165°	1426.1	1425.0	1424.8	1424.5	1424.2	1424.1	1424.2	1424.7	1425.1	1425.7	1426.2
167.5°	1447.2	1445.6	1445.6	1445.6	1445.6	1445.6	1446.2	1447.2	1448.2	1449.2	1450.3
170°	1460.2	1458.6	1458.6	1458.6	1458.6	1458.6	1459.1	1460.2	1461.2	1462.2	1463.2
172.5°	1469.4	1467.8	1467.8	1467.8	1467.8	1467.8	1468.4	1469.4	1470.4	1471.4	1472.5
175°	1479.8	1478.3	1478.3	1478.3	1478.3	1478.3	1478.8	1479.8	1480.9	1481.8	1482.9
177.5°	1484.8	1483.5	1483.8	1484.0	1484.2	1484.4	1484.9	1485.8	1486.6	1487.4	1488.2
180°	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4



TEST NUMBER: P333359-940

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**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°	29.4	30.9	32.3	33.7	35.6	37.8	40.0	42.2	44.4	46.1	47.8
95°	75.7	76.2	76.7	77.2	78.8	81.3	83.9	86.5	89.1	90.9	92.6
97.5°	125.1	125.4	125.6	125.7	127.6	131.2	134.7	138.3	141.8	143.5	145.2
100°	161.9	161.9	161.9	161.9	163.6	166.9	170.3	173.6	177.0	179.3	181.6
102.5°	202.8	203.8	204.8	205.8	207.2	208.9	210.6	212.3	214.0	216.5	219.0
105°	265.0	266.3	267.6	268.9	270.3	271.8	273.4	274.9	276.4	278.0	279.6
107.5°	333.5	334.7	336.1	337.3	338.6	339.7	340.9	342.1	343.3	344.1	344.8
110°	380.7	382.0	383.3	384.5	385.6	386.4	387.1	387.9	388.6	389.4	390.2





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**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	428.2	428.8	429.5	430.2	431.1	431.9	432.9	433.9	434.9	435.2	435.6
115°	499.5	500.6	501.6	502.7	503.5	503.9	504.4	505.0	505.5	505.2	505.0
117.5°	570.2	570.7	571.1	571.7	572.1	572.6	573.0	573.5	574.0	574.2	574.4
120°	615.5	616.8	618.0	619.4	620.1	620.4	620.6	620.9	621.2	621.2	621.2
122.5°	662.8	663.3	663.7	664.1	664.8	665.4	666.1	666.7	667.4	667.2	667.0
125°	729.1	730.7	732.2	733.7	734.6	734.9	735.1	735.4	735.7	735.1	734.6
127.5°	797.8	798.7	799.6	800.5	801.0	801.4	801.6	802.0	802.3	802.0	801.7
130°	839.9	841.2	842.5	843.7	844.6	845.2	845.7	846.1	846.7	846.4	846.1
132.5°	882.3	884.5	886.5	888.7	889.7	889.6	889.5	889.4	889.3	889.0	888.8
135°	947.7	949.2	950.8	952.3	953.2	953.5	953.8	954.0	954.3	954.3	954.3
137.5°	1009.7	1011.2	1012.6	1014.1	1015.1	1015.7	1016.3	1016.9	1017.4	1017.7	1018.1
140°	1049.3	1050.5	1051.9	1053.1	1054.1	1054.9	1055.7	1056.4	1057.2	1057.7	1058.3
142.5°	1088.9	1089.9	1091.0	1092.1	1093.1	1094.0	1095.0	1096.0	1097.0	1097.3	1097.6
145°	1147.3	1148.3	1149.3	1150.4	1151.3	1152.1	1152.8	1153.6	1154.4	1154.4	1154.4
147.5°	1201.0	1201.6	1202.1	1202.7	1203.3	1203.9	1204.5	1205.1	1205.8	1206.4	1206.9
150°	1236.3	1236.0	1235.7	1235.5	1235.8	1236.9	1238.0	1238.9	1240.0	1240.0	1240.0
152.5°	1266.5	1266.9	1267.2	1267.6	1267.9	1268.4	1268.7	1269.2	1269.6	1270.2	1270.8
155°	1311.7	1311.7	1311.7	1311.7	1311.8	1312.1	1312.3	1312.6	1312.9	1313.8	1314.9
157.5°	1351.8	1351.3	1350.7	1350.1	1350.0	1350.2	1350.5	1350.8	1351.0	1352.0	1353.1
160°	1375.7	1374.9	1374.1	1373.4	1373.1	1373.4	1373.7	1373.9	1374.1	1375.2	1376.2
162.5°	1397.2	1396.6	1396.1	1395.5	1395.3	1395.3	1395.3	1395.3	1395.4	1396.7	1397.9
165°	1425.7	1425.1	1424.7	1424.2	1424.1	1424.2	1424.5	1424.8	1425.0	1426.1	1427.1
167.5°	1449.2	1448.2	1447.2	1446.2	1445.6	1445.6	1445.6	1445.6	1445.6	1447.2	1448.8
170°	1462.2	1461.2	1460.2	1459.1	1458.6	1458.6	1458.6	1458.6	1458.6	1460.2	1461.7
172.5°	1471.4	1470.4	1469.4	1468.4	1467.8	1467.8	1467.8	1467.8	1467.8	1469.4	1471.0
175°	1481.8	1480.9	1479.8	1478.8	1478.3	1478.3	1478.3	1478.3	1478.3	1479.8	1481.3
177.5°	1487.4	1486.6	1485.8	1484.9	1484.4	1484.2	1484.0	1483.8	1483.5	1484.8	1486.0
180°	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4



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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	9.7	9.5
90°	22.4	23.6	24.7	25.4	26.2	27.0	27.7
92.5°	49.5	51.2	52.3	52.9	53.5	54.0	54.6
95°	94.4	96.3	97.4	97.9	98.4	99.0	99.5
97.5°	146.9	148.6	149.6	149.9	150.3	150.5	150.9
100°	183.9	186.2	187.6	188.2	188.7	189.2	189.7
102.5°	221.5	224.1	225.7	226.4	227.1	227.8	228.5
105°	281.1	282.6	283.7	284.5	285.3	286.1	286.9
107.5°	345.6	346.4	346.8	346.7	346.6	346.6	346.5
110°	390.9	391.7	392.0	391.7	391.5	391.2	390.9



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	436.0	436.3	436.3	435.9	435.4	434.9	434.4
115°	504.7	504.4	504.2	503.9	503.6	503.5	503.2
117.5°	574.5	574.8	574.4	573.4	572.3	571.3	570.2
120°	621.2	621.2	620.6	619.6	618.6	617.5	616.5
122.5°	666.8	666.6	666.1	665.2	664.4	663.6	662.8
125°	734.1	733.6	733.3	733.0	732.7	732.5	732.2
127.5°	801.5	801.3	800.8	800.4	799.9	799.3	798.8
130°	846.0	845.7	845.3	844.8	844.3	843.7	843.2
132.5°	888.5	888.2	887.8	887.1	886.3	885.6	884.8
135°	954.3	954.3	953.8	952.7	951.7	950.7	949.7
137.5°	1018.3	1018.7	1018.2	1016.9	1015.6	1014.3	1013.1
140°	1058.7	1059.3	1058.9	1057.6	1056.3	1055.1	1053.7
142.5°	1098.0	1098.2	1097.8	1096.4	1095.2	1093.9	1092.6
145°	1154.4	1154.4	1154.0	1153.2	1152.4	1151.6	1150.9
147.5°	1207.6	1208.2	1207.6	1205.9	1204.2	1202.4	1200.7
150°	1240.0	1240.0	1239.7	1239.2	1238.7	1238.1	1237.7
152.5°	1271.4	1272.0	1271.9	1271.0	1270.1	1269.1	1268.2
155°	1315.9	1317.0	1316.8	1315.5	1314.3	1313.0	1311.7
157.5°	1354.1	1355.1	1354.8	1353.1	1351.4	1349.7	1348.0
160°	1377.2	1378.2	1378.1	1376.9	1375.6	1374.3	1373.0
162.5°	1399.1	1400.3	1400.3	1398.7	1397.2	1395.8	1394.3
165°	1428.2	1429.1	1428.9	1427.4	1425.8	1424.2	1422.7
167.5°	1450.3	1451.8	1451.8	1450.2	1448.6	1447.0	1445.4
170°	1463.2	1464.7	1464.6	1462.9	1461.1	1459.2	1457.4
172.5°	1472.5	1474.0	1474.0	1472.4	1470.8	1469.2	1467.6
175°	1482.9	1484.4	1484.3	1482.5	1480.7	1478.9	1477.1
177.5°	1487.3	1488.5	1488.4	1486.9	1485.5	1484.1	1482.6
180°	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4

(END OF REPORT)