

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: P333297-927

Luminaire Tested: **S125DIP-S1270D365U927-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333297-927  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-19,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S125DIP-S1270D365U927-4F0-1E-UDD-A4  
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 1270 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 365 LUMENS PER FOOT, BATWING OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5147.6 lumens  
Efficiency: N/A  
Efficacy: 103.4 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-Direct

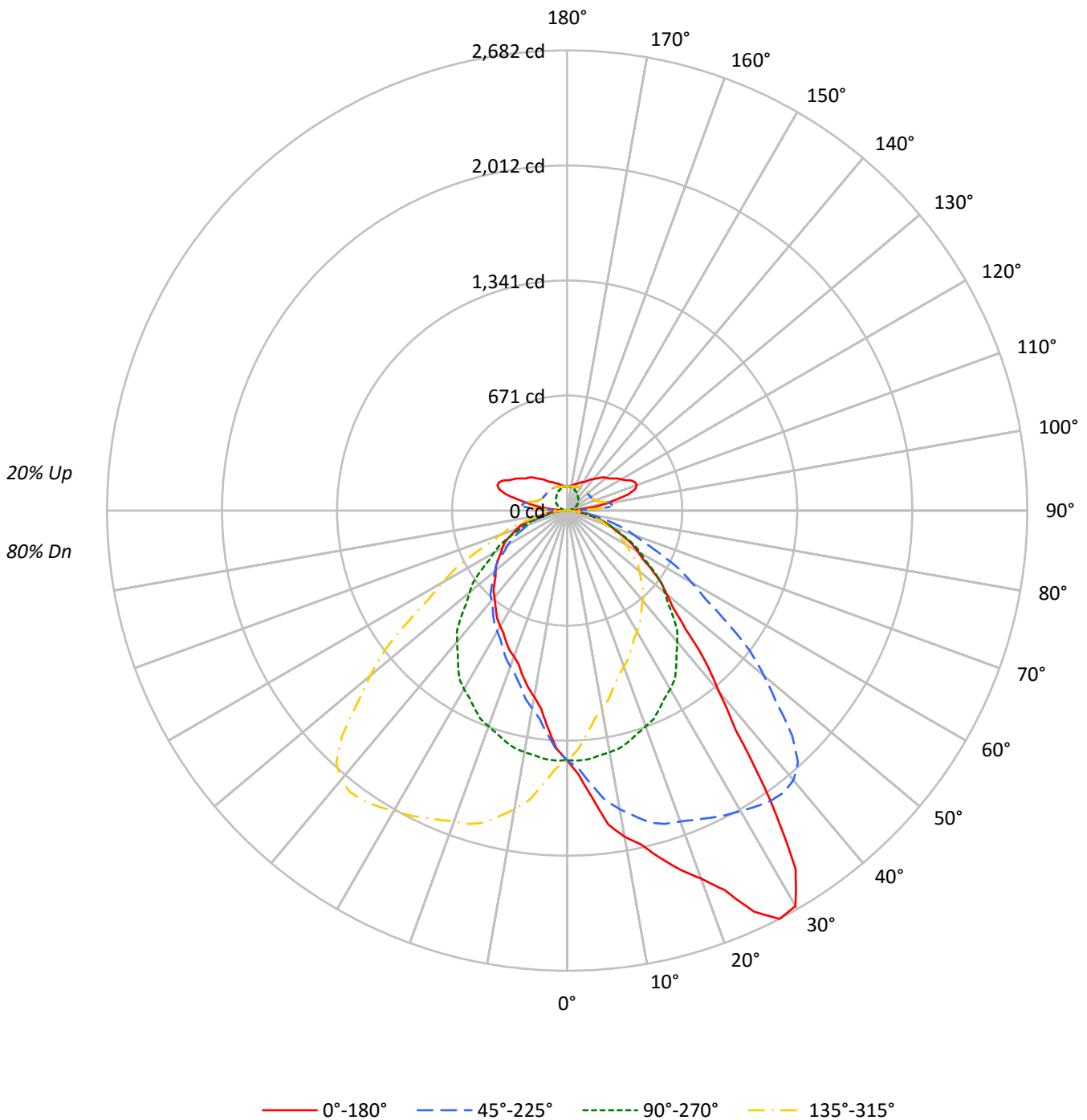
Input Watts (W): 49.8  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	114	114	114	114	109	109	109	109	100	100	100	91	91	91	83	83	83	80
1	105	100	97	93	100	96	93	90	88	86	83	81	79	77	74	73	71	68
2	96	88	82	77	91	85	79	74	78	73	69	72	68	65	66	63	61	57
3	88	78	70	64	83	75	68	62	69	63	59	64	59	55	59	55	52	49
4	80	69	61	55	77	67	59	53	62	55	50	57	52	48	53	48	45	42
5	74	62	53	47	71	60	52	46	55	49	44	51	46	42	47	43	39	37
6	68	56	47	41	65	54	46	40	50	43	38	46	41	37	43	38	35	32
7	63	51	42	36	60	49	41	36	45	39	34	42	37	32	39	35	31	29
8	59	46	38	32	56	45	37	32	42	35	30	39	33	29	36	31	28	26
9	55	42	34	29	53	41	34	29	38	32	27	36	30	26	33	29	25	23
10	51	39	31	26	49	38	31	26	35	29	25	33	28	24	31	26	23	21

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	9396	9396	9396	9396
5°	10881	9428	8255	9428
10°	12660	9379	7233	9379
15°	14014	9310	6672	9310
20°	15687	9201	6222	9201
25°	18377	9079	6002	9079
30°	19848	8957	5812	8957
35°	16320	8729	5687	8729
40°	11600	8413	5550	8413
45°	8912	7986	5471	7986
50°	7607	7458	5460	7458
55°	6773	6939	5507	6939
60°	6110	6373	5647	6373
65°	5644	5804	5793	5804
70°	5130	5212	5876	5212
75°	4531	4591	5827	4591
80°	3812	3745	5326	3745
85°	3016	2697	4305	2697



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	140.1	2.7
10°-20°	417.0	8.1
20°-30°	677.1	13.2
30°-40°	826.0	16.0
40°-50°	751.4	14.6
50°-60°	598.5	11.6
60°-70°	416.9	8.1
70°-80°	222.3	4.3
80°-90°	56.9	1.1
90°-100°	100.7	2.0
100°-110°	216.4	4.2
110°-120°	203.1	3.9
120°-130°	164.6	3.2
130°-140°	132.1	2.6
140°-150°	99.7	1.9
150°-160°	70.1	1.4
160°-170°	41.4	0.8
170°-180°	13.5	0.3
0°-30°	1234.2	24.0
0°-40°	2060.2	40.0
0°-60°	3410.1	66.2
0°-90°	4106.2	79.8
90°-120°	520.1	10.1
90°-150°	916.4	17.8
90°-180°	1041.0	20.2
0°-180°	5147.6	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1455	1455	1455	1455	1455	
5°	1678	1454	1273	1454	1678	169
15°	2096	1392	998	1392	2096	600
25°	2579	1274	842	1274	2579	1178
35°	2070	1107	721	1107	2070	1267
45°	976	874	599	874	976	781
55°	602	616	489	616	602	542
65°	369	380	379	380	369	367
75°	182	184	234	184	182	196
85°	41	36	58	36	41	47
90°	6	0	6	0	6	6
95°	66	9	66	9	66	93
105°	371	32	371	32	371	369
115°	413	57	413	57	413	404
125°	326	78	326	78	326	295
135°	270	92	270	92	270	210
145°	213	107	213	107	213	136
155°	179	122	179	122	179	83
165°	157	133	157	133	157	45
175°	141	139	141	139	141	14
180°	139	139	139	139	139	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9
2.5°	1538.9	1536.9	1534.9	1531.0	1533.9	1525.5	1521.5	1514.7	1506.3	1503.3	1499.8
5°	1678.4	1681.5	1684.6	1671.7	1672.9	1664.2	1644.5	1628.4	1615.4	1598.8	1587.1
7.5°	1846.4	1839.1	1838.5	1830.1	1815.7	1804.0	1783.3	1756.8	1731.3	1702.2	1678.1
10°	1930.4	1931.0	1925.5	1915.6	1900.1	1889.0	1861.9	1835.9	1804.4	1767.4	1740.8
12.5°	1993.6	1996.2	1989.2	1975.9	1968.3	1943.4	1922.1	1891.3	1853.8	1824.2	1783.8
15°	2095.9	2089.1	2084.2	2067.4	2054.5	2028.5	1994.6	1962.5	1921.8	1884.0	1846.4
17.5°	2194.4	2199.9	2190.6	2175.4	2135.2	2104.9	2059.4	2015.3	1964.6	1914.1	1869.2
20°	2282.4	2287.3	2273.1	2246.5	2198.4	2168.1	2108.2	2051.4	1992.7	1927.9	1878.5
22.5°	2392.1	2388.1	2368.9	2328.5	2286.8	2230.9	2166.1	2096.8	2023.4	1950.1	1884.4
25°	2578.8	2552.8	2541.1	2491.1	2436.1	2354.0	2265.1	2163.8	2072.4	1975.5	1891.5
27.5°	2682.3	2674.1	2661.0	2626.2	2568.4	2480.6	2375.8	2252.3	2123.4	2001.1	1891.1
30°	2661.5	2662.8	2664.0	2652.9	2615.9	2549.7	2445.4	2312.6	2159.5	2021.8	1894.6
32.5°	2477.8	2500.2	2521.8	2547.2	2557.6	2544.8	2479.5	2359.6	2201.9	2045.5	1892.6
35°	2070.0	2076.7	2146.5	2215.7	2309.5	2382.4	2431.2	2378.1	2245.3	2065.6	1890.2
37.5°	1614.0	1647.3	1695.6	1773.8	1909.2	2030.5	2186.5	2258.3	2215.4	2072.2	1885.9
40°	1375.9	1406.8	1438.2	1517.9	1632.1	1779.1	1956.3	2107.6	2142.8	2051.4	1871.1
42.5°	1192.1	1216.6	1251.5	1311.4	1406.8	1537.0	1706.4	1904.1	2025.7	1991.2	1840.0
45°	975.7	991.1	1018.3	1065.9	1135.0	1236.9	1386.3	1602.5	1790.8	1853.2	1766.1
47.5°	835.1	835.0	856.1	889.0	938.9	1025.5	1136.0	1305.4	1506.5	1655.3	1648.5
50°	757.1	754.0	770.6	799.1	838.6	896.0	1001.6	1136.9	1330.2	1498.7	1545.6
52.5°	689.9	690.2	700.5	721.5	754.6	803.7	882.6	1004.5	1169.6	1342.6	1431.1
55°	601.5	599.0	610.7	625.0	649.0	681.1	737.9	831.2	965.2	1135.6	1250.5
57.5°	520.5	527.3	532.0	541.9	561.8	583.3	631.2	699.7	806.0	952.2	1073.6
60°	473.0	479.8	483.5	493.4	509.5	528.0	565.1	620.6	710.2	836.1	956.6
62.5°	430.6	435.9	437.0	446.0	459.1	477.1	506.3	552.9	623.7	733.9	851.8
65°	369.3	369.3	371.8	381.0	387.2	403.2	425.5	459.5	516.3	602.1	702.7
67.5°	310.2	313.2	312.6	316.6	322.3	334.9	350.8	378.8	420.9	483.5	564.0
70°	271.7	274.2	273.5	276.6	282.8	290.9	303.8	330.3	360.6	414.4	483.5
72.5°	237.1	238.1	236.5	240.6	244.3	251.4	265.8	280.0	308.2	353.6	410.4
75°	181.6	182.8	184.0	186.5	190.2	193.9	201.3	215.6	234.0	268.0	304.4
77.5°	136.1	133.7	136.7	136.3	138.5	141.3	147.8	155.3	170.6	192.0	220.2
80°	102.5	103.1	103.1	103.8	106.9	108.7	114.2	119.8	131.5	147.6	167.4
82.5°	74.9	76.4	75.5	76.6	79.1	80.5	83.6	88.2	95.0	107.6	121.9
85°	40.7	37.7	38.9	40.2	40.2	40.7	43.3	45.1	48.8	53.7	59.3
87.5°	13.2	14.1	14.6	14.6	15.1	15.0	16.9	16.8	18.2	19.6	21.5
90°	6.4	6.4	6.2	6.2	6.2	5.6	5.3	5.1	4.8	4.5	3.9
92.5°	17.8	18.3	18.7	19.4	23.0	27.1	36.0	49.6	73.0	90.2	91.7
95°	65.8	70.3	72.5	80.9	100.8	124.3	158.8	201.3	242.7	248.0	202.4
97.5°	159.0	162.6	170.7	186.4	203.7	236.4	270.0	299.8	307.1	264.9	180.8
100°	218.4	222.8	233.2	253.3	272.7	301.8	330.7	344.4	322.8	252.8	161.3
102.5°	284.7	288.0	299.3	313.6	334.3	354.0	367.8	359.3	313.4	231.6	146.5
105°	371.0	374.3	379.9	389.1	398.2	401.2	388.9	350.5	283.4	203.0	132.1
107.5°	416.8	419.0	420.9	420.9	416.4	401.7	370.1	318.9	252.6	183.3	126.1
110°	432.0	432.0	430.0	424.7	412.1	388.3	348.9	295.6	235.2	174.1	124.3



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	430.2	428.2	423.3	414.2	395.8	367.7	327.8	277.3	222.2	168.7	124.3
115°	413.2	409.6	401.7	388.3	366.5	336.0	297.6	254.2	208.0	163.0	125.2
117.5°	383.5	381.3	373.5	359.6	337.8	309.7	276.7	239.3	199.6	160.1	127.0
120°	364.2	362.0	354.4	341.0	320.3	295.6	264.8	231.2	194.9	158.8	128.8
122.5°	347.2	345.2	337.6	325.3	306.8	283.8	256.4	225.2	190.8	157.6	130.3
125°	325.6	322.8	316.6	305.1	289.5	269.3	244.9	216.4	185.4	156.2	133.0
127.5°	307.1	305.9	300.1	289.9	275.7	256.8	234.1	207.5	180.3	155.6	135.9
130°	297.1	295.4	289.8	280.5	266.6	248.3	226.5	201.8	177.0	155.1	137.8
132.5°	286.9	285.0	279.9	270.7	256.7	239.2	219.4	196.2	174.3	155.1	139.7
135°	270.5	268.8	263.7	254.5	242.2	226.2	208.3	189.0	171.0	155.1	142.5
137.5°	252.8	251.0	246.3	237.9	226.9	213.3	198.4	182.8	168.2	155.4	145.0
140°	240.5	239.1	234.9	227.6	217.2	205.5	192.6	179.4	166.8	155.7	146.2
142.5°	229.1	227.9	223.9	217.8	209.0	198.8	187.7	176.6	165.7	155.9	146.8
145°	213.3	212.2	209.1	204.4	197.6	190.1	181.4	172.8	164.1	155.7	147.5
147.5°	200.0	199.5	197.7	193.9	188.6	182.9	176.2	169.1	162.3	155.0	147.8
150°	192.6	192.3	191.2	187.8	183.6	178.6	173.3	167.2	161.0	154.2	147.8
152.5°	186.8	186.5	185.4	182.7	179.2	175.2	170.4	164.9	159.4	153.4	147.6
155°	178.9	178.6	177.8	175.8	173.0	169.9	166.0	161.5	156.8	151.8	146.9
157.5°	171.8	171.9	171.1	169.5	167.3	164.9	161.8	158.2	154.3	150.0	146.2
160°	167.2	167.4	166.8	165.5	163.5	161.5	158.8	156.0	152.3	148.9	145.6
162.5°	162.9	163.0	162.8	161.7	160.2	158.4	156.1	153.4	150.5	147.6	144.9
165°	156.8	156.8	156.8	156.2	155.1	153.7	152.0	150.0	147.8	145.6	143.9
167.5°	151.1	151.2	151.5	151.0	150.4	149.4	148.1	146.8	145.2	143.6	142.4
170°	147.8	148.1	148.1	147.8	147.3	146.7	145.8	145.0	143.6	142.5	141.6
172.5°	144.7	145.0	145.4	144.9	144.8	144.5	143.9	143.0	142.0	141.2	140.8
175°	140.9	141.1	141.6	141.4	141.4	141.4	140.9	140.9	140.0	139.7	139.7
177.5°	138.9	138.9	139.5	139.3	139.5	139.5	139.5	139.3	139.1	138.9	138.9
180°	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9



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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9
2.5°	1496.9	1493.4	1489.5	1482.6	1474.2	1469.7	1462.8	1458.3	1449.5	1442.0	1434.2
5°	1572.8	1556.8	1542.0	1522.8	1501.8	1488.2	1472.2	1454.3	1435.8	1416.6	1395.6
7.5°	1651.5	1623.1	1592.2	1559.0	1526.5	1496.6	1468.1	1440.0	1413.9	1382.3	1355.5
10°	1704.4	1668.6	1630.2	1585.2	1541.3	1503.1	1464.1	1430.2	1395.6	1358.5	1325.8
12.5°	1757.2	1709.5	1655.4	1605.9	1553.2	1507.0	1461.2	1417.8	1374.4	1333.3	1295.2
15°	1794.5	1752.5	1702.5	1632.1	1572.8	1509.3	1448.7	1392.5	1340.1	1294.3	1246.2
17.5°	1819.1	1765.0	1711.3	1643.7	1566.1	1494.9	1426.3	1362.0	1302.8	1244.9	1198.5
20°	1823.5	1768.0	1711.7	1645.7	1566.1	1484.5	1415.9	1338.8	1275.2	1215.3	1158.5
22.5°	1822.1	1759.0	1698.0	1629.9	1552.2	1477.1	1394.2	1315.6	1246.5	1187.6	1128.3
25°	1808.1	1740.8	1664.2	1595.7	1519.1	1439.5	1355.5	1274.0	1203.6	1136.2	1077.6
27.5°	1796.5	1709.2	1622.5	1542.5	1468.6	1395.6	1315.2	1231.7	1153.7	1085.4	1030.2
30°	1782.2	1686.5	1588.9	1505.5	1429.6	1358.5	1282.6	1201.1	1119.6	1052.9	993.6
32.5°	1769.3	1657.8	1554.8	1464.0	1383.6	1314.5	1244.5	1167.0	1087.0	1019.3	960.0
35°	1744.5	1615.4	1497.5	1395.0	1309.2	1238.1	1179.5	1107.2	1033.7	968.3	911.5
37.5°	1713.0	1559.9	1433.3	1325.8	1231.7	1156.9	1102.2	1046.8	976.3	913.2	861.8
40°	1688.3	1520.4	1386.3	1276.4	1178.8	1101.1	1050.4	997.9	939.3	880.6	826.2
42.5°	1657.2	1484.8	1338.9	1220.6	1124.0	1048.2	995.1	950.5	898.7	844.1	793.6
45°	1600.0	1420.3	1262.2	1135.0	1037.4	962.7	907.8	874.4	835.5	783.6	741.0
47.5°	1515.9	1342.8	1179.3	1048.1	947.4	878.1	826.6	794.6	767.2	728.6	690.0
50°	1441.3	1285.1	1119.6	989.3	888.6	818.8	771.3	742.3	718.8	689.1	656.4
52.5°	1357.8	1212.4	1060.8	932.0	832.3	763.5	716.9	691.4	671.8	650.6	618.4
55°	1225.2	1101.7	960.8	838.6	746.6	679.3	638.5	616.3	600.2	584.2	564.4
57.5°	1079.0	982.5	857.8	746.0	661.2	600.0	562.0	540.3	527.8	519.6	507.9
60°	976.3	893.6	786.1	684.2	601.5	547.2	510.1	493.4	482.9	476.1	467.5
62.5°	881.0	813.0	713.5	620.5	548.1	496.7	463.7	447.4	437.4	434.1	427.0
65°	740.4	687.9	605.8	528.6	466.8	423.0	395.2	379.8	373.6	369.9	370.5
67.5°	602.0	570.0	504.0	438.2	388.9	352.1	329.9	318.1	315.0	310.0	309.9
70°	517.5	493.4	437.8	380.4	336.5	308.2	288.4	276.0	272.9	270.5	269.9
72.5°	442.9	421.8	373.6	327.6	288.1	263.2	246.9	239.5	234.4	232.9	232.8
75°	332.9	321.2	282.8	246.4	219.2	201.9	190.8	184.0	180.3	179.7	180.3
77.5°	236.6	226.4	202.1	176.3	159.1	146.0	136.6	134.3	130.1	130.2	129.5
80°	177.8	171.0	155.6	135.2	121.0	110.0	105.0	100.7	99.4	97.6	99.4
82.5°	129.0	121.7	111.1	98.2	86.4	79.8	74.9	73.5	72.7	71.9	72.2
85°	63.6	64.2	58.1	48.2	43.3	39.5	36.4	36.4	35.8	35.2	35.8
87.5°	22.5	21.4	19.3	17.7	15.1	13.5	13.0	13.4	12.0	11.6	12.2
90°	3.6	3.1	2.8	2.2	1.7	1.1	0.6	0.3	0.6	1.1	1.7
92.5°	63.8	38.3	23.0	14.8	10.0	6.5	4.1	3.4	4.1	6.5	10.0
95°	125.2	63.5	33.6	21.0	14.8	11.7	9.5	9.3	9.5	11.7	14.8
97.5°	99.9	54.7	34.9	25.9	20.4	17.3	15.7	15.4	15.7	17.3	20.4
100°	90.7	54.3	38.1	29.7	24.3	21.3	20.1	19.6	20.1	21.3	24.3
102.5°	86.9	56.3	41.9	33.7	28.8	25.5	24.6	24.3	24.6	25.5	28.8
105°	85.4	60.4	48.2	40.3	35.8	33.0	31.6	31.6	31.6	33.0	35.8
107.5°	87.9	66.6	54.7	47.7	43.0	40.7	39.4	38.8	39.4	40.7	43.0
110°	90.5	71.1	59.7	52.4	48.2	45.6	44.5	44.0	44.5	45.6	48.2





TEST NUMBER: P333297-927

CATALOG NUMBER: S125DIP-S1270D365U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	93.6	75.3	64.3	57.3	53.1	50.5	49.7	49.1	49.7	50.5	53.1
115°	98.2	82.1	71.7	64.6	60.4	58.0	57.1	56.6	57.1	58.0	60.4
117.5°	103.6	88.9	79.1	72.3	67.5	65.0	64.1	63.3	64.1	65.0	67.5
120°	107.3	93.8	84.0	77.0	72.2	69.7	68.6	67.7	68.6	69.7	72.2
122.5°	111.2	98.5	88.7	81.7	76.5	74.0	73.0	72.5	73.0	74.0	76.5
125°	116.8	104.7	95.5	88.2	82.9	80.3	79.0	78.4	79.0	80.3	82.9
127.5°	121.8	110.7	101.8	94.5	88.9	85.6	83.9	83.0	83.9	85.6	88.9
130°	125.2	114.5	105.8	98.5	92.7	89.0	86.8	86.0	86.8	89.0	92.7
132.5°	128.1	118.1	109.4	102.1	96.0	92.0	89.3	88.2	89.3	92.0	96.0
135°	132.1	122.9	114.2	106.7	100.8	96.3	92.9	91.8	92.9	96.3	100.8
137.5°	135.1	126.4	118.4	110.7	104.9	100.4	97.3	96.4	97.3	100.4	104.9
140°	137.2	128.8	120.6	113.1	107.8	103.3	100.0	99.1	100.0	103.3	107.8
142.5°	138.3	130.3	122.7	115.6	110.5	106.0	102.8	102.3	102.8	106.0	110.5
145°	140.0	133.0	125.7	119.3	114.2	110.3	107.5	106.9	107.5	110.3	114.2
147.5°	141.0	134.7	128.3	122.6	118.3	114.6	112.2	111.9	112.2	114.6	118.3
150°	141.6	135.8	129.6	124.8	121.0	117.3	115.3	114.8	115.3	117.3	121.0
152.5°	142.1	136.9	131.2	126.9	123.2	120.0	118.3	118.0	118.3	120.0	123.2
155°	142.5	138.0	133.2	129.4	126.5	123.7	122.1	122.1	122.1	123.7	126.5
157.5°	142.8	138.9	134.9	131.9	129.4	127.1	125.7	125.8	125.7	127.1	129.4
160°	142.8	139.4	135.8	133.2	131.0	129.0	127.9	128.3	127.9	129.0	131.0
162.5°	142.6	139.9	136.7	134.6	132.8	131.1	130.0	130.2	130.0	131.1	132.8
165°	142.2	140.0	137.8	136.1	134.9	133.6	132.7	133.2	132.7	133.6	134.9
167.5°	141.6	140.0	138.2	137.0	136.3	135.5	135.0	135.3	135.0	135.5	136.3
170°	141.1	140.0	138.6	137.8	137.2	136.7	136.3	136.7	136.3	136.7	137.2
172.5°	140.7	139.7	138.6	138.2	137.8	137.3	137.0	137.5	137.0	137.3	137.8
175°	140.0	139.4	138.6	138.6	138.6	138.3	138.0	138.6	138.0	138.3	138.6
177.5°	139.3	139.1	138.6	138.6	138.9	138.6	138.6	139.1	138.6	138.6	138.9
180°	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9



TEST NUMBER: P333297-927

CATALOG NUMBER: S125DIP-S1270D365U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9
2.5°	1429.7	1424.3	1419.8	1409.9	1404.5	1397.1	1391.2	1397.6	1390.7	1393.6	1389.2
5°	1385.1	1367.8	1355.5	1337.5	1322.2	1307.9	1297.4	1295.5	1290.6	1288.2	1280.7
7.5°	1331.5	1309.9	1288.6	1265.2	1245.4	1225.3	1212.4	1201.8	1194.8	1185.5	1179.2
10°	1299.9	1270.9	1246.2	1217.7	1193.0	1171.5	1154.1	1145.5	1137.5	1125.8	1121.4
12.5°	1260.8	1230.8	1200.7	1170.4	1146.6	1122.5	1107.7	1094.6	1089.1	1075.9	1074.5
15°	1214.0	1168.9	1139.3	1108.4	1075.7	1056.0	1043.6	1029.4	1023.3	1014.0	1007.2
17.5°	1158.2	1117.9	1080.9	1048.9	1020.9	1004.2	988.9	979.1	968.5	962.5	951.3
20°	1117.7	1079.4	1042.4	1008.4	986.8	967.7	955.3	946.0	934.9	931.8	920.8
22.5°	1083.6	1041.4	1005.8	977.3	953.7	932.1	918.8	912.4	904.8	895.3	893.0
25°	1028.2	984.4	954.1	925.7	904.7	884.9	875.7	867.6	860.2	853.4	851.0
27.5°	980.2	941.1	905.1	879.5	861.2	843.2	835.0	825.3	819.8	814.4	807.7
30°	946.7	906.5	875.0	850.3	830.6	814.5	805.9	799.1	794.2	789.2	785.5
32.5°	912.1	874.9	844.4	820.2	800.4	788.3	780.7	775.9	770.4	764.5	759.8
35°	866.4	825.6	796.0	775.0	759.5	750.3	741.6	737.3	731.2	731.2	726.2
37.5°	814.9	779.7	753.5	734.4	720.5	712.3	702.9	699.9	695.9	693.3	691.7
40°	784.3	751.5	726.8	707.7	692.8	686.0	678.7	673.8	671.2	668.1	666.9
42.5°	752.7	721.4	697.7	680.0	667.2	661.4	654.4	651.0	646.0	642.0	641.3
45°	704.6	674.3	652.8	638.5	627.4	620.6	616.3	608.9	606.4	601.5	600.9
47.5°	659.0	630.0	608.8	597.1	587.4	581.9	575.0	567.6	564.8	562.3	562.1
50°	625.0	598.4	578.6	567.5	558.3	550.2	543.4	538.4	536.6	536.6	537.9
52.5°	590.3	567.8	551.0	537.3	528.6	520.1	513.8	510.8	507.9	511.0	513.2
55°	539.7	516.9	504.5	491.5	482.9	473.0	469.9	468.7	466.8	471.8	474.3
57.5°	486.1	470.1	455.6	442.8	435.0	429.3	425.1	424.4	427.9	430.2	438.2
60°	452.0	433.5	420.6	410.7	401.4	397.7	396.5	395.2	397.7	404.5	414.9
62.5°	414.5	399.4	385.5	378.0	371.2	365.1	364.8	365.6	370.5	378.3	388.8
65°	359.4	346.4	337.2	328.5	323.0	319.2	320.5	323.0	328.5	339.1	350.8
67.5°	303.5	294.5	286.3	279.2	273.9	273.9	275.2	278.8	285.4	297.5	308.2
70°	267.4	257.5	250.7	247.6	243.3	240.8	244.5	250.7	256.3	267.4	276.6
72.5°	231.3	222.9	217.6	215.6	213.7	211.7	212.9	219.6	227.1	238.2	249.0
75°	177.8	174.8	171.0	168.6	166.8	167.9	169.2	175.4	181.6	193.3	205.7
77.5°	129.8	126.6	124.4	123.7	122.8	123.3	126.8	131.4	137.4	146.0	155.3
80°	98.2	97.0	95.7	95.1	95.1	95.7	100.7	103.8	109.3	117.3	124.8
82.5°	71.5	70.7	70.5	70.4	70.9	71.0	74.0	78.0	82.6	88.6	95.1
85°	37.7	36.4	38.3	38.9	37.7	39.5	40.7	43.3	45.1	48.2	51.3
87.5°	12.8	13.9	13.5	14.1	14.1	15.2	14.8	16.8	17.8	18.9	18.5
90°	2.2	2.8	3.1	3.6	3.9	4.5	4.8	5.1	5.3	5.6	6.2
92.5°	14.8	23.0	38.3	63.8	91.7	90.2	73.0	49.6	36.0	27.1	23.0
95°	21.0	33.6	63.5	125.2	202.4	248.0	242.7	201.3	158.8	124.3	100.8
97.5°	25.9	34.9	54.7	99.9	180.8	264.9	307.1	299.8	270.0	236.4	203.7
100°	29.7	38.1	54.3	90.7	161.3	252.8	322.8	344.4	330.7	301.8	272.7
102.5°	33.7	41.9	56.3	86.9	146.5	231.6	313.4	359.3	367.8	354.0	334.3
105°	40.3	48.2	60.4	85.4	132.1	203.0	283.4	350.5	388.9	401.2	398.2
107.5°	47.7	54.7	66.6	87.9	126.1	183.3	252.6	318.9	370.1	401.7	416.4
110°	52.4	59.7	71.1	90.5	124.3	174.1	235.2	295.6	348.9	388.3	412.1



TEST NUMBER: P333297-927

CATALOG NUMBER: S125DIP-S1270D365U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	57.3	64.3	75.3	93.6	124.3	168.7	222.2	277.3	327.8	367.7	395.8
115°	64.6	71.7	82.1	98.2	125.2	163.0	208.0	254.2	297.6	336.0	366.5
117.5°	72.3	79.1	88.9	103.6	127.0	160.1	199.6	239.3	276.7	309.7	337.8
120°	77.0	84.0	93.8	107.3	128.8	158.8	194.9	231.2	264.8	295.6	320.3
122.5°	81.7	88.7	98.5	111.2	130.3	157.6	190.8	225.2	256.4	283.8	306.8
125°	88.2	95.5	104.7	116.8	133.0	156.2	185.4	216.4	244.9	269.3	289.5
127.5°	94.5	101.8	110.7	121.8	135.9	155.6	180.3	207.5	234.1	256.8	275.7
130°	98.5	105.8	114.5	125.2	137.8	155.1	177.0	201.8	226.5	248.3	266.6
132.5°	102.1	109.4	118.1	128.1	139.7	155.1	174.3	196.2	219.4	239.2	256.7
135°	106.7	114.2	122.9	132.1	142.5	155.1	171.0	189.0	208.3	226.2	242.2
137.5°	110.7	118.4	126.4	135.1	145.0	155.4	168.2	182.8	198.4	213.3	226.9
140°	113.1	120.6	128.8	137.2	146.2	155.7	166.8	179.4	192.6	205.5	217.2
142.5°	115.6	122.7	130.3	138.3	146.8	155.9	165.7	176.6	187.7	198.8	209.0
145°	119.3	125.7	133.0	140.0	147.5	155.7	164.1	172.8	181.4	190.1	197.6
147.5°	122.6	128.3	134.7	141.0	147.8	155.0	162.3	169.1	176.2	182.9	188.6
150°	124.8	129.6	135.8	141.6	147.8	154.2	161.0	167.2	173.3	178.6	183.6
152.5°	126.9	131.2	136.9	142.1	147.6	153.4	159.4	164.9	170.4	175.2	179.2
155°	129.4	133.2	138.0	142.5	146.9	151.8	156.8	161.5	166.0	169.9	173.0
157.5°	131.9	134.9	138.9	142.8	146.2	150.0	154.3	158.2	161.8	164.9	167.3
160°	133.2	135.8	139.4	142.8	145.6	148.9	152.3	156.0	158.8	161.5	163.5
162.5°	134.6	136.7	139.9	142.6	144.9	147.6	150.5	153.4	156.1	158.4	160.2
165°	136.1	137.8	140.0	142.2	143.9	145.6	147.8	150.0	152.0	153.7	155.1
167.5°	137.0	138.2	140.0	141.6	142.4	143.6	145.2	146.8	148.1	149.4	150.4
170°	137.8	138.6	140.0	141.1	141.6	142.5	143.6	145.0	145.8	146.7	147.3
172.5°	138.2	138.6	139.7	140.7	140.8	141.2	142.0	143.0	143.9	144.5	144.8
175°	138.6	138.6	139.4	140.0	139.7	139.7	140.0	140.9	140.9	141.4	141.4
177.5°	138.6	138.6	139.1	139.3	138.9	138.9	139.1	139.3	139.5	139.5	139.5
180°	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9



TEST NUMBER: P333297-927

CATALOG NUMBER: S125DIP-S1270D365U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9
2.5°	1386.2	1389.6	1386.7	1390.7	1386.7	1389.6	1386.2	1389.2	1393.6	1390.7	1397.6
5°	1277.6	1272.1	1275.8	1273.4	1275.8	1272.1	1277.6	1280.7	1288.2	1290.6	1295.5
7.5°	1177.3	1172.0	1166.0	1163.2	1166.0	1172.0	1177.3	1179.2	1185.5	1194.8	1201.8
10°	1114.6	1107.9	1107.2	1102.9	1107.2	1107.9	1114.6	1121.4	1125.8	1137.5	1145.5
12.5°	1068.7	1062.4	1055.3	1053.5	1055.3	1062.4	1068.7	1074.5	1075.9	1089.1	1094.6
15°	1003.5	998.5	994.2	997.9	994.2	998.5	1003.5	1007.2	1014.0	1023.3	1029.4
17.5°	949.3	945.2	944.4	939.8	944.4	945.2	949.3	951.3	962.5	968.5	979.1
20°	915.2	912.1	913.3	905.3	913.3	912.1	915.2	920.8	931.8	934.9	946.0
22.5°	888.0	881.9	881.2	879.6	881.2	881.9	888.0	893.0	895.3	904.8	912.4
25°	845.4	842.3	839.2	842.3	839.2	842.3	845.4	851.0	853.4	860.2	867.6
27.5°	808.2	804.5	803.7	804.0	803.7	804.5	808.2	807.7	814.4	819.8	825.3
30°	785.5	779.3	779.9	779.3	779.9	779.3	785.5	785.5	789.2	794.2	799.1
32.5°	760.8	756.6	755.7	754.6	755.7	756.6	760.8	759.8	764.5	770.4	775.9
35°	724.4	724.4	721.3	721.3	721.3	724.4	724.4	726.2	731.2	731.2	737.3
37.5°	690.1	689.5	687.7	687.9	687.7	689.5	690.1	691.7	693.3	695.9	699.9
40°	664.5	663.8	661.9	658.3	661.9	663.8	664.5	666.9	668.1	671.2	673.8
42.5°	639.8	637.6	636.8	635.6	636.8	637.6	639.8	641.3	642.0	646.0	651.0
45°	600.9	600.9	599.6	599.0	599.6	600.9	600.9	600.9	601.5	606.4	608.9
47.5°	563.1	564.2	566.5	566.2	566.5	564.2	563.1	562.1	562.3	564.8	567.6
50°	540.3	541.0	542.8	543.4	542.8	541.0	540.3	537.9	536.6	536.6	538.4
52.5°	515.2	518.7	521.1	520.7	521.1	518.7	515.2	513.2	511.0	507.9	510.8
55°	479.8	484.1	488.5	489.1	488.5	484.1	479.8	474.3	471.8	466.8	468.7
57.5°	444.9	450.9	455.5	456.9	455.5	450.9	444.9	438.2	430.2	427.9	424.4
60°	421.1	429.2	434.7	437.2	434.7	429.2	421.1	414.9	404.5	397.7	395.2
62.5°	398.4	407.4	413.0	413.5	413.0	407.4	398.4	388.8	378.3	370.5	365.6
65°	361.2	370.5	375.4	379.1	375.4	370.5	361.2	350.8	339.1	328.5	323.0
67.5°	321.2	330.5	336.0	338.9	336.0	330.5	321.2	308.2	297.5	285.4	278.8
70°	292.1	301.3	308.8	311.2	308.8	301.3	292.1	276.6	267.4	256.3	250.7
72.5°	263.4	271.7	277.7	280.6	277.7	271.7	263.4	249.0	238.2	227.1	219.6
75°	213.7	224.7	230.4	233.5	230.4	224.7	213.7	205.7	193.3	181.6	175.4
77.5°	164.8	174.9	178.2	179.8	178.2	174.9	164.8	155.3	146.0	137.4	131.4
80°	132.1	138.3	142.7	143.2	142.7	138.3	132.1	124.8	117.3	109.3	103.8
82.5°	101.6	106.7	108.1	109.6	108.1	106.7	101.6	95.1	88.6	82.6	78.0
85°	55.6	58.1	58.7	58.1	58.7	58.1	55.6	51.3	48.2	45.1	43.3
87.5°	19.5	19.0	19.1	20.0	19.1	19.0	19.5	18.5	18.9	17.8	16.8
90°	6.2	6.2	6.4	6.4	6.4	6.2	6.2	6.2	5.6	5.3	5.1
92.5°	19.4	18.7	18.3	17.8	18.3	18.7	19.4	23.0	27.1	36.0	49.6
95°	80.9	72.5	70.3	65.8	70.3	72.5	80.9	100.8	124.3	158.8	201.3
97.5°	186.4	170.7	162.6	159.0	162.6	170.7	186.4	203.7	236.4	270.0	299.8
100°	253.3	233.2	222.8	218.4	222.8	233.2	253.3	272.7	301.8	330.7	344.4
102.5°	313.6	299.3	288.0	284.7	288.0	299.3	313.6	334.3	354.0	367.8	359.3
105°	389.1	379.9	374.3	371.0	374.3	379.9	389.1	398.2	401.2	388.9	350.5
107.5°	420.9	420.9	419.0	416.8	419.0	420.9	420.9	416.4	401.7	370.1	318.9
110°	424.7	430.0	432.0	432.0	432.0	430.0	424.7	412.1	388.3	348.9	295.6



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**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	414.2	423.3	428.2	430.2	428.2	423.3	414.2	395.8	367.7	327.8	277.3
115°	388.3	401.7	409.6	413.2	409.6	401.7	388.3	366.5	336.0	297.6	254.2
117.5°	359.6	373.5	381.3	383.5	381.3	373.5	359.6	337.8	309.7	276.7	239.3
120°	341.0	354.4	362.0	364.2	362.0	354.4	341.0	320.3	295.6	264.8	231.2
122.5°	325.3	337.6	345.2	347.2	345.2	337.6	325.3	306.8	283.8	256.4	225.2
125°	305.1	316.6	322.8	325.6	322.8	316.6	305.1	289.5	269.3	244.9	216.4
127.5°	289.9	300.1	305.9	307.1	305.9	300.1	289.9	275.7	256.8	234.1	207.5
130°	280.5	289.8	295.4	297.1	295.4	289.8	280.5	266.6	248.3	226.5	201.8
132.5°	270.7	279.9	285.0	286.9	285.0	279.9	270.7	256.7	239.2	219.4	196.2
135°	254.5	263.7	268.8	270.5	268.8	263.7	254.5	242.2	226.2	208.3	189.0
137.5°	237.9	246.3	251.0	252.8	251.0	246.3	237.9	226.9	213.3	198.4	182.8
140°	227.6	234.9	239.1	240.5	239.1	234.9	227.6	217.2	205.5	192.6	179.4
142.5°	217.8	223.9	227.9	229.1	227.9	223.9	217.8	209.0	198.8	187.7	176.6
145°	204.4	209.1	212.2	213.3	212.2	209.1	204.4	197.6	190.1	181.4	172.8
147.5°	193.9	197.7	199.5	200.0	199.5	197.7	193.9	188.6	182.9	176.2	169.1
150°	187.8	191.2	192.3	192.6	192.3	191.2	187.8	183.6	178.6	173.3	167.2
152.5°	182.7	185.4	186.5	186.8	186.5	185.4	182.7	179.2	175.2	170.4	164.9
155°	175.8	177.8	178.6	178.9	178.6	177.8	175.8	173.0	169.9	166.0	161.5
157.5°	169.5	171.1	171.9	171.8	171.9	171.1	169.5	167.3	164.9	161.8	158.2
160°	165.5	166.8	167.4	167.2	167.4	166.8	165.5	163.5	161.5	158.8	156.0
162.5°	161.7	162.8	163.0	162.9	163.0	162.8	161.7	160.2	158.4	156.1	153.4
165°	156.2	156.8	156.8	156.8	156.8	156.8	156.2	155.1	153.7	152.0	150.0
167.5°	151.0	151.5	151.2	151.1	151.2	151.5	151.0	150.4	149.4	148.1	146.8
170°	147.8	148.1	148.1	147.8	148.1	148.1	147.8	147.3	146.7	145.8	145.0
172.5°	144.9	145.4	145.0	144.7	145.0	145.4	144.9	144.8	144.5	143.9	143.0
175°	141.4	141.6	141.1	140.9	141.1	141.6	141.4	141.4	141.4	140.9	140.9
177.5°	139.3	139.5	138.9	138.9	138.9	139.5	139.3	139.5	139.5	139.5	139.3
180°	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9



TEST NUMBER: P333297-927

CATALOG NUMBER: S125DIP-S1270D365U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9
2.5°	1391.2	1397.1	1404.5	1409.9	1419.8	1424.3	1429.7	1434.2	1442.0	1449.5	1458.3
5°	1297.4	1307.9	1322.2	1337.5	1355.5	1367.8	1385.1	1395.6	1416.6	1435.8	1454.3
7.5°	1212.4	1225.3	1245.4	1265.2	1288.6	1309.9	1331.5	1355.5	1382.3	1413.9	1440.0
10°	1154.1	1171.5	1193.0	1217.7	1246.2	1270.9	1299.9	1325.8	1358.5	1395.6	1430.2
12.5°	1107.7	1122.5	1146.6	1170.4	1200.7	1230.8	1260.8	1295.2	1333.3	1374.4	1417.8
15°	1043.6	1056.0	1075.7	1108.4	1139.3	1168.9	1214.0	1246.2	1294.3	1340.1	1392.5
17.5°	988.9	1004.2	1020.9	1048.9	1080.9	1117.9	1158.2	1198.5	1244.9	1302.8	1362.0
20°	955.3	967.7	986.8	1008.4	1042.4	1079.4	1117.7	1158.5	1215.3	1275.2	1338.8
22.5°	918.8	932.1	953.7	977.3	1005.8	1041.4	1083.6	1128.3	1187.6	1246.5	1315.6
25°	875.7	884.9	904.7	925.7	954.1	984.4	1028.2	1077.6	1136.2	1203.6	1274.0
27.5°	835.0	843.2	861.2	879.5	905.1	941.1	980.2	1030.2	1085.4	1153.7	1231.7
30°	805.9	814.5	830.6	850.3	875.0	906.5	946.7	993.6	1052.9	1119.6	1201.1
32.5°	780.7	788.3	800.4	820.2	844.4	874.9	912.1	960.0	1019.3	1087.0	1167.0
35°	741.6	750.3	759.5	775.0	796.0	825.6	866.4	911.5	968.3	1033.7	1107.2
37.5°	702.9	712.3	720.5	734.4	753.5	779.7	814.9	861.8	913.2	976.3	1046.8
40°	678.7	686.0	692.8	707.7	726.8	751.5	784.3	826.2	880.6	939.3	997.9
42.5°	654.4	661.4	667.2	680.0	697.7	721.4	752.7	793.6	844.1	898.7	950.5
45°	616.3	620.6	627.4	638.5	652.8	674.3	704.6	741.0	783.6	835.5	874.4
47.5°	575.0	581.9	587.4	597.1	608.8	630.0	659.0	690.0	728.6	767.2	794.6
50°	543.4	550.2	558.3	567.5	578.6	598.4	625.0	656.4	689.1	718.8	742.3
52.5°	513.8	520.1	528.6	537.3	551.0	567.8	590.3	618.4	650.6	671.8	691.4
55°	469.9	473.0	482.9	491.5	504.5	516.9	539.7	564.4	584.2	600.2	616.3
57.5°	425.1	429.3	435.0	442.8	455.6	470.1	486.1	507.9	519.6	527.8	540.3
60°	396.5	397.7	401.4	410.7	420.6	433.5	452.0	467.5	476.1	482.9	493.4
62.5°	364.8	365.1	371.2	378.0	385.5	399.4	414.5	427.0	434.1	437.4	447.4
65°	320.5	319.2	323.0	328.5	337.2	346.4	359.4	370.5	369.9	373.6	379.8
67.5°	275.2	273.9	273.9	279.2	286.3	294.5	303.5	309.9	310.0	315.0	318.1
70°	244.5	240.8	243.3	247.6	250.7	257.5	267.4	269.9	270.5	272.9	276.0
72.5°	212.9	211.7	213.7	215.6	217.6	222.9	231.3	232.8	232.9	234.4	239.5
75°	169.2	167.9	166.8	168.6	171.0	174.8	177.8	180.3	179.7	180.3	184.0
77.5°	126.8	123.3	122.8	123.7	124.4	126.6	129.8	129.5	130.2	130.1	134.3
80°	100.7	95.7	95.1	95.1	95.7	97.0	98.2	99.4	97.6	99.4	100.7
82.5°	74.0	71.0	70.9	70.4	70.5	70.7	71.5	72.2	71.9	72.7	73.5
85°	40.7	39.5	37.7	38.9	38.3	36.4	37.7	35.8	35.2	35.8	36.4
87.5°	14.8	15.2	14.1	14.1	13.5	13.9	12.8	12.2	11.6	12.0	13.4
90°	4.8	4.5	3.9	3.6	3.1	2.8	2.2	1.7	1.1	0.6	0.3
92.5°	73.0	90.2	91.7	63.8	38.3	23.0	14.8	10.0	6.5	4.1	3.4
95°	242.7	248.0	202.4	125.2	63.5	33.6	21.0	14.8	11.7	9.5	9.3
97.5°	307.1	264.9	180.8	99.9	54.7	34.9	25.9	20.4	17.3	15.7	15.4
100°	322.8	252.8	161.3	90.7	54.3	38.1	29.7	24.3	21.3	20.1	19.6
102.5°	313.4	231.6	146.5	86.9	56.3	41.9	33.7	28.8	25.5	24.6	24.3
105°	283.4	203.0	132.1	85.4	60.4	48.2	40.3	35.8	33.0	31.6	31.6
107.5°	252.6	183.3	126.1	87.9	66.6	54.7	47.7	43.0	40.7	39.4	38.8
110°	235.2	174.1	124.3	90.5	71.1	59.7	52.4	48.2	45.6	44.5	44.0



TEST NUMBER: P333297-927

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**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	222.2	168.7	124.3	93.6	75.3	64.3	57.3	53.1	50.5	49.7	49.1
115°	208.0	163.0	125.2	98.2	82.1	71.7	64.6	60.4	58.0	57.1	56.6
117.5°	199.6	160.1	127.0	103.6	88.9	79.1	72.3	67.5	65.0	64.1	63.3
120°	194.9	158.8	128.8	107.3	93.8	84.0	77.0	72.2	69.7	68.6	67.7
122.5°	190.8	157.6	130.3	111.2	98.5	88.7	81.7	76.5	74.0	73.0	72.5
125°	185.4	156.2	133.0	116.8	104.7	95.5	88.2	82.9	80.3	79.0	78.4
127.5°	180.3	155.6	135.9	121.8	110.7	101.8	94.5	88.9	85.6	83.9	83.0
130°	177.0	155.1	137.8	125.2	114.5	105.8	98.5	92.7	89.0	86.8	86.0
132.5°	174.3	155.1	139.7	128.1	118.1	109.4	102.1	96.0	92.0	89.3	88.2
135°	171.0	155.1	142.5	132.1	122.9	114.2	106.7	100.8	96.3	92.9	91.8
137.5°	168.2	155.4	145.0	135.1	126.4	118.4	110.7	104.9	100.4	97.3	96.4
140°	166.8	155.7	146.2	137.2	128.8	120.6	113.1	107.8	103.3	100.0	99.1
142.5°	165.7	155.9	146.8	138.3	130.3	122.7	115.6	110.5	106.0	102.8	102.3
145°	164.1	155.7	147.5	140.0	133.0	125.7	119.3	114.2	110.3	107.5	106.9
147.5°	162.3	155.0	147.8	141.0	134.7	128.3	122.6	118.3	114.6	112.2	111.9
150°	161.0	154.2	147.8	141.6	135.8	129.6	124.8	121.0	117.3	115.3	114.8
152.5°	159.4	153.4	147.6	142.1	136.9	131.2	126.9	123.2	120.0	118.3	118.0
155°	156.8	151.8	146.9	142.5	138.0	133.2	129.4	126.5	123.7	122.1	122.1
157.5°	154.3	150.0	146.2	142.8	138.9	134.9	131.9	129.4	127.1	125.7	125.8
160°	152.3	148.9	145.6	142.8	139.4	135.8	133.2	131.0	129.0	127.9	128.3
162.5°	150.5	147.6	144.9	142.6	139.9	136.7	134.6	132.8	131.1	130.0	130.2
165°	147.8	145.6	143.9	142.2	140.0	137.8	136.1	134.9	133.6	132.7	133.2
167.5°	145.2	143.6	142.4	141.6	140.0	138.2	137.0	136.3	135.5	135.0	135.3
170°	143.6	142.5	141.6	141.1	140.0	138.6	137.8	137.2	136.7	136.3	136.7
172.5°	142.0	141.2	140.8	140.7	139.7	138.6	138.2	137.8	137.3	137.0	137.5
175°	140.0	139.7	139.7	140.0	139.4	138.6	138.6	138.6	138.3	138.0	138.6
177.5°	139.1	138.9	138.9	139.3	139.1	138.6	138.6	138.9	138.6	138.6	139.1
180°	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9



TEST NUMBER: P333297-927

CATALOG NUMBER: S125DIP-S1270D365U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9
2.5°	1462.8	1469.7	1474.2	1482.6	1489.5	1493.4	1496.9	1499.8	1503.3	1506.3	1514.7
5°	1472.2	1488.2	1501.8	1522.8	1542.0	1556.8	1572.8	1587.1	1598.8	1615.4	1628.4
7.5°	1468.1	1496.6	1526.5	1559.0	1592.2	1623.1	1651.5	1678.1	1702.2	1731.3	1756.8
10°	1464.1	1503.1	1541.3	1585.2	1630.2	1668.6	1704.4	1740.8	1767.4	1804.4	1835.9
12.5°	1461.2	1507.0	1553.2	1605.9	1655.4	1709.5	1757.2	1783.8	1824.2	1853.8	1891.3
15°	1448.7	1509.3	1572.8	1632.1	1702.5	1752.5	1794.5	1846.4	1884.0	1921.8	1962.5
17.5°	1426.3	1494.9	1566.1	1643.7	1711.3	1765.0	1819.1	1869.2	1914.1	1964.6	2015.3
20°	1415.9	1484.5	1566.1	1645.7	1711.7	1768.0	1823.5	1878.5	1927.9	1992.7	2051.4
22.5°	1394.2	1477.1	1552.2	1629.9	1698.0	1759.0	1822.1	1884.4	1950.1	2023.4	2096.8
25°	1355.5	1439.5	1519.1	1595.7	1664.2	1740.8	1808.1	1891.5	1975.5	2072.4	2163.8
27.5°	1315.2	1395.6	1468.6	1542.5	1622.5	1709.2	1796.5	1891.1	2001.1	2123.4	2252.3
30°	1282.6	1358.5	1429.6	1505.5	1588.9	1686.5	1782.2	1894.6	2021.8	2159.5	2312.6
32.5°	1244.5	1314.5	1383.6	1464.0	1554.8	1657.8	1769.3	1892.6	2045.5	2201.9	2359.6
35°	1179.5	1238.1	1309.2	1395.0	1497.5	1615.4	1744.5	1890.2	2065.6	2245.3	2378.1
37.5°	1102.2	1156.9	1231.7	1325.8	1433.3	1559.9	1713.0	1885.9	2072.2	2215.4	2258.3
40°	1050.4	1101.1	1178.8	1276.4	1386.3	1520.4	1688.3	1871.1	2051.4	2142.8	2107.6
42.5°	995.1	1048.2	1124.0	1220.6	1338.9	1484.8	1657.2	1840.0	1991.2	2025.7	1904.1
45°	907.8	962.7	1037.4	1135.0	1262.2	1420.3	1600.0	1766.1	1853.2	1790.8	1602.5
47.5°	826.6	878.1	947.4	1048.1	1179.3	1342.8	1515.9	1648.5	1655.3	1506.5	1305.4
50°	771.3	818.8	888.6	989.3	1119.6	1285.1	1441.3	1545.6	1498.7	1330.2	1136.9
52.5°	716.9	763.5	832.3	932.0	1060.8	1212.4	1357.8	1431.1	1342.6	1169.6	1004.5
55°	638.5	679.3	746.6	838.6	960.8	1101.7	1225.2	1250.5	1135.6	965.2	831.2
57.5°	562.0	600.0	661.2	746.0	857.8	982.5	1079.0	1073.6	952.2	806.0	699.7
60°	510.1	547.2	601.5	684.2	786.1	893.6	976.3	956.6	836.1	710.2	620.6
62.5°	463.7	496.7	548.1	620.5	713.5	813.0	881.0	851.8	733.9	623.7	552.9
65°	395.2	423.0	466.8	528.6	605.8	687.9	740.4	702.7	602.1	516.3	459.5
67.5°	329.9	352.1	388.9	438.2	504.0	570.0	602.0	564.0	483.5	420.9	378.8
70°	288.4	308.2	336.5	380.4	437.8	493.4	517.5	483.5	414.4	360.6	330.3
72.5°	246.9	263.2	288.1	327.6	373.6	421.8	442.9	410.4	353.6	308.2	280.0
75°	190.8	201.9	219.2	246.4	282.8	321.2	332.9	304.4	268.0	234.0	215.6
77.5°	136.6	146.0	159.1	176.3	202.1	226.4	236.6	220.2	192.0	170.6	155.3
80°	105.0	110.0	121.0	135.2	155.6	171.0	177.8	167.4	147.6	131.5	119.8
82.5°	74.9	79.8	86.4	98.2	111.1	121.7	129.0	121.9	107.6	95.0	88.2
85°	36.4	39.5	43.3	48.2	58.1	64.2	63.6	59.3	53.7	48.8	45.1
87.5°	13.0	13.5	15.1	17.7	19.3	21.4	22.5	21.5	19.6	18.2	16.8
90°	0.6	1.1	1.7	2.2	2.8	3.1	3.6	3.9	4.5	4.8	5.1
92.5°	4.1	6.5	10.0	14.8	23.0	38.3	63.8	91.7	90.2	73.0	49.6
95°	9.5	11.7	14.8	21.0	33.6	63.5	125.2	202.4	248.0	242.7	201.3
97.5°	15.7	17.3	20.4	25.9	34.9	54.7	99.9	180.8	264.9	307.1	299.8
100°	20.1	21.3	24.3	29.7	38.1	54.3	90.7	161.3	252.8	322.8	344.4
102.5°	24.6	25.5	28.8	33.7	41.9	56.3	86.9	146.5	231.6	313.4	359.3
105°	31.6	33.0	35.8	40.3	48.2	60.4	85.4	132.1	203.0	283.4	350.5
107.5°	39.4	40.7	43.0	47.7	54.7	66.6	87.9	126.1	183.3	252.6	318.9
110°	44.5	45.6	48.2	52.4	59.7	71.1	90.5	124.3	174.1	235.2	295.6





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**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	49.7	50.5	53.1	57.3	64.3	75.3	93.6	124.3	168.7	222.2	277.3
115°	57.1	58.0	60.4	64.6	71.7	82.1	98.2	125.2	163.0	208.0	254.2
117.5°	64.1	65.0	67.5	72.3	79.1	88.9	103.6	127.0	160.1	199.6	239.3
120°	68.6	69.7	72.2	77.0	84.0	93.8	107.3	128.8	158.8	194.9	231.2
122.5°	73.0	74.0	76.5	81.7	88.7	98.5	111.2	130.3	157.6	190.8	225.2
125°	79.0	80.3	82.9	88.2	95.5	104.7	116.8	133.0	156.2	185.4	216.4
127.5°	83.9	85.6	88.9	94.5	101.8	110.7	121.8	135.9	155.6	180.3	207.5
130°	86.8	89.0	92.7	98.5	105.8	114.5	125.2	137.8	155.1	177.0	201.8
132.5°	89.3	92.0	96.0	102.1	109.4	118.1	128.1	139.7	155.1	174.3	196.2
135°	92.9	96.3	100.8	106.7	114.2	122.9	132.1	142.5	155.1	171.0	189.0
137.5°	97.3	100.4	104.9	110.7	118.4	126.4	135.1	145.0	155.4	168.2	182.8
140°	100.0	103.3	107.8	113.1	120.6	128.8	137.2	146.2	155.7	166.8	179.4
142.5°	102.8	106.0	110.5	115.6	122.7	130.3	138.3	146.8	155.9	165.7	176.6
145°	107.5	110.3	114.2	119.3	125.7	133.0	140.0	147.5	155.7	164.1	172.8
147.5°	112.2	114.6	118.3	122.6	128.3	134.7	141.0	147.8	155.0	162.3	169.1
150°	115.3	117.3	121.0	124.8	129.6	135.8	141.6	147.8	154.2	161.0	167.2
152.5°	118.3	120.0	123.2	126.9	131.2	136.9	142.1	147.6	153.4	159.4	164.9
155°	122.1	123.7	126.5	129.4	133.2	138.0	142.5	146.9	151.8	156.8	161.5
157.5°	125.7	127.1	129.4	131.9	134.9	138.9	142.8	146.2	150.0	154.3	158.2
160°	127.9	129.0	131.0	133.2	135.8	139.4	142.8	145.6	148.9	152.3	156.0
162.5°	130.0	131.1	132.8	134.6	136.7	139.9	142.6	144.9	147.6	150.5	153.4
165°	132.7	133.6	134.9	136.1	137.8	140.0	142.2	143.9	145.6	147.8	150.0
167.5°	135.0	135.5	136.3	137.0	138.2	140.0	141.6	142.4	143.6	145.2	146.8
170°	136.3	136.7	137.2	137.8	138.6	140.0	141.1	141.6	142.5	143.6	145.0
172.5°	137.0	137.3	137.8	138.2	138.6	139.7	140.7	140.8	141.2	142.0	143.0
175°	138.0	138.3	138.6	138.6	138.6	139.4	140.0	139.7	139.7	140.0	140.9
177.5°	138.6	138.6	138.9	138.6	138.6	139.1	139.3	138.9	138.9	139.1	139.3
180°	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9
2.5°	1521.5	1525.5	1533.9	1531.0	1534.9	1536.9	1538.9
5°	1644.5	1664.2	1672.9	1671.7	1684.6	1681.5	1678.4
7.5°	1783.3	1804.0	1815.7	1830.1	1838.5	1839.1	1846.4
10°	1861.9	1889.0	1900.1	1915.6	1925.5	1931.0	1930.4
12.5°	1922.1	1943.4	1968.3	1975.9	1989.2	1996.2	1993.6
15°	1994.6	2028.5	2054.5	2067.4	2084.2	2089.1	2095.9
17.5°	2059.4	2104.9	2135.2	2175.4	2190.6	2199.9	2194.4
20°	2108.2	2168.1	2198.4	2246.5	2273.1	2287.3	2282.4
22.5°	2166.1	2230.9	2286.8	2328.5	2368.9	2388.1	2392.1
25°	2265.1	2354.0	2436.1	2491.1	2541.1	2552.8	2578.8
27.5°	2375.8	2480.6	2568.4	2626.2	2661.0	2674.1	2682.3
30°	2445.4	2549.7	2615.9	2652.9	2664.0	2662.8	2661.5
32.5°	2479.5	2544.8	2557.6	2547.2	2521.8	2500.2	2477.8
35°	2431.2	2382.4	2309.5	2215.7	2146.5	2076.7	2070.0
37.5°	2186.5	2030.5	1909.2	1773.8	1695.6	1647.3	1614.0
40°	1956.3	1779.1	1632.1	1517.9	1438.2	1406.8	1375.9
42.5°	1706.4	1537.0	1406.8	1311.4	1251.5	1216.6	1192.1
45°	1386.3	1236.9	1135.0	1065.9	1018.3	991.1	975.7
47.5°	1136.0	1025.5	938.9	889.0	856.1	835.0	835.1
50°	1001.6	896.0	838.6	799.1	770.6	754.0	757.1
52.5°	882.6	803.7	754.6	721.5	700.5	690.2	689.9
55°	737.9	681.1	649.0	625.0	610.7	599.0	601.5
57.5°	631.2	583.3	561.8	541.9	532.0	527.3	520.5
60°	565.1	528.0	509.5	493.4	483.5	479.8	473.0
62.5°	506.3	477.1	459.1	446.0	437.0	435.9	430.6
65°	425.5	403.2	387.2	381.0	371.8	369.3	369.3
67.5°	350.8	334.9	322.3	316.6	312.6	313.2	310.2
70°	303.8	290.9	282.8	276.6	273.5	274.2	271.7
72.5°	265.8	251.4	244.3	240.6	236.5	238.1	237.1
75°	201.3	193.9	190.2	186.5	184.0	182.8	181.6
77.5°	147.8	141.3	138.5	136.3	136.7	133.7	136.1
80°	114.2	108.7	106.9	103.8	103.1	103.1	102.5
82.5°	83.6	80.5	79.1	76.6	75.5	76.4	74.9
85°	43.3	40.7	40.2	40.2	38.9	37.7	40.7
87.5°	16.9	15.0	15.1	14.6	14.6	14.1	13.2
90°	5.3	5.6	6.2	6.2	6.2	6.4	6.4
92.5°	36.0	27.1	23.0	19.4	18.7	18.3	17.8
95°	158.8	124.3	100.8	80.9	72.5	70.3	65.8
97.5°	270.0	236.4	203.7	186.4	170.7	162.6	159.0
100°	330.7	301.8	272.7	253.3	233.2	222.8	218.4
102.5°	367.8	354.0	334.3	313.6	299.3	288.0	284.7
105°	388.9	401.2	398.2	389.1	379.9	374.3	371.0
107.5°	370.1	401.7	416.4	420.9	420.9	419.0	416.8
110°	348.9	388.3	412.1	424.7	430.0	432.0	432.0



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	327.8	367.7	395.8	414.2	423.3	428.2	430.2
115°	297.6	336.0	366.5	388.3	401.7	409.6	413.2
117.5°	276.7	309.7	337.8	359.6	373.5	381.3	383.5
120°	264.8	295.6	320.3	341.0	354.4	362.0	364.2
122.5°	256.4	283.8	306.8	325.3	337.6	345.2	347.2
125°	244.9	269.3	289.5	305.1	316.6	322.8	325.6
127.5°	234.1	256.8	275.7	289.9	300.1	305.9	307.1
130°	226.5	248.3	266.6	280.5	289.8	295.4	297.1
132.5°	219.4	239.2	256.7	270.7	279.9	285.0	286.9
135°	208.3	226.2	242.2	254.5	263.7	268.8	270.5
137.5°	198.4	213.3	226.9	237.9	246.3	251.0	252.8
140°	192.6	205.5	217.2	227.6	234.9	239.1	240.5
142.5°	187.7	198.8	209.0	217.8	223.9	227.9	229.1
145°	181.4	190.1	197.6	204.4	209.1	212.2	213.3
147.5°	176.2	182.9	188.6	193.9	197.7	199.5	200.0
150°	173.3	178.6	183.6	187.8	191.2	192.3	192.6
152.5°	170.4	175.2	179.2	182.7	185.4	186.5	186.8
155°	166.0	169.9	173.0	175.8	177.8	178.6	178.9
157.5°	161.8	164.9	167.3	169.5	171.1	171.9	171.8
160°	158.8	161.5	163.5	165.5	166.8	167.4	167.2
162.5°	156.1	158.4	160.2	161.7	162.8	163.0	162.9
165°	152.0	153.7	155.1	156.2	156.8	156.8	156.8
167.5°	148.1	149.4	150.4	151.0	151.5	151.2	151.1
170°	145.8	146.7	147.3	147.8	148.1	148.1	147.8
172.5°	143.9	144.5	144.8	144.9	145.4	145.0	144.7
175°	140.9	141.4	141.4	141.4	141.6	141.1	140.9
177.5°	139.5	139.5	139.5	139.3	139.5	138.9	138.9
180°	138.9	138.9	138.9	138.9	138.9	138.9	138.9

(END OF REPORT)