

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: P333617-927

Luminaire Tested: **S125RDIP-S1270D590U927-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333617-927
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: S125RDIP-S1270D590U927-4F0-1E-UDD-A1
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1270 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 590 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5519.0 lumens
Efficiency: N/A
Efficacy: 100.2 lumens/watt
Spacing Criteria (0/90/45): 1.4 / 1.22 / 1.47
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')
CIE Type: Semi-Direct

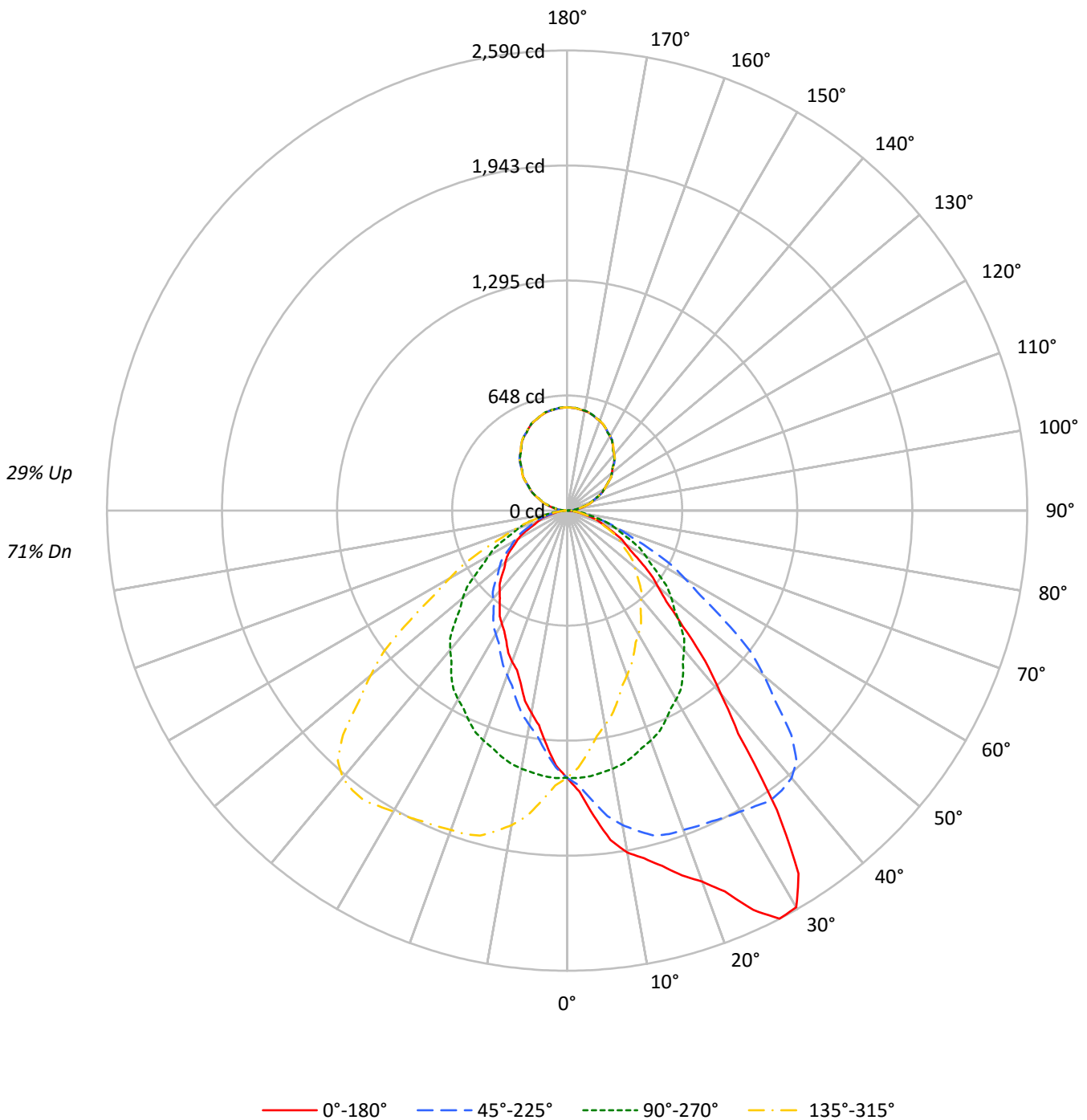
Input Watts (W): 55.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333617-927

CATALOG NUMBER: S125RDIP-S1270D590U927-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P333617-927

CATALOG NUMBER: S125RDIP-S1270D590U927-4F0-1E-UDD-A1

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	112	112	112	112	106	106	106	106	95	95	95	85	85	85	75	75	75	71
1	103	99	95	92	97	94	90	87	84	82	79	75	74	72	67	66	65	61
2	94	87	81	76	89	83	77	73	74	70	67	67	64	61	60	58	55	52
3	86	77	70	64	82	73	67	61	66	61	57	60	56	52	54	50	48	44
4	79	68	61	55	75	65	58	53	59	53	49	53	49	45	48	45	41	39
5	73	61	53	47	69	59	51	46	53	47	42	48	43	39	44	40	36	34
6	67	55	47	41	64	53	45	40	48	42	37	44	39	35	40	35	32	30
7	63	50	42	36	59	48	41	35	44	38	33	40	35	31	36	32	29	26
8	58	46	38	32	55	44	36	31	40	34	30	37	31	28	33	29	26	24
9	54	42	34	29	51	40	33	28	37	31	27	34	29	25	31	27	23	21
10	51	38	31	26	48	37	30	26	34	28	24	31	26	23	29	24	21	19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9715	9715	9715	9715
5°	11177	9728	8591	9728
10°	12821	9678	7581	9678
15°	13848	9579	6738	9579
20°	15270	9465	6222	9465
25°	17672	9311	5773	9311
30°	19231	9150	5480	9150
35°	16222	8964	5210	8964
40°	11328	8627	4977	8627
45°	8404	8173	4748	8173
50°	6701	7700	4554	7700
55°	5687	7113	4380	7113
60°	4914	6589	4100	6589
65°	4378	6021	3529	6021
70°	3846	5516	3218	5516
75°	3329	4776	3019	4776
80°	2525	4020	2525	4020
85°	2104	3157	2379	3157



TEST NUMBER: P333617-927

CATALOG NUMBER: S125RDIP-S1270D590U927-4F0-1E-UDD-A1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.3	2.6
10°-20°	422.7	7.7
20°-30°	670.3	12.1
30°-40°	808.3	14.6
40°-50°	721.8	13.1
50°-60°	553.6	10.0
60°-70°	359.7	6.5
70°-80°	174.9	3.2
80°-90°	43.0	0.8
90°-100°	38.9	0.7
100°-110°	114.9	2.1
110°-120°	194.5	3.5
120°-130°	256.0	4.6
130°-140°	286.9	5.2
140°-150°	281.2	5.1
150°-160°	236.2	4.3
160°-170°	157.0	2.8
170°-180°	54.9	1.0
0°-30°	1237.3	22.4
0°-40°	2045.6	37.1
0°-60°	3320.9	60.2
0°-90°	3898.6	70.6
90°-120°	348.3	6.3
90°-150°	1172.4	21.2
90°-180°	1620.0	29.4
0°-180°	5519.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1504	1504	1504	1504	1504	
5°	1724	1501	1325	1501	1724	172
15°	2071	1433	1008	1433	2071	593
25°	2480	1307	810	1307	2480	1139
35°	2058	1137	661	1137	2058	1243
45°	920	895	520	895	920	734
55°	505	632	389	632	505	458
65°	286	394	231	394	286	285
75°	133	191	121	191	133	142
85°	28	43	32	43	28	33
90°	11	0	11	0	11	8
95°	39	29	39	29	39	40
105°	112	103	112	103	112	119
115°	197	195	197	195	197	194
125°	286	284	286	284	286	255
135°	371	370	371	370	371	286
145°	450	448	450	448	450	281
155°	512	512	512	512	512	236
165°	556	557	556	557	556	157
175°	577	579	577	579	577	55
180°	581	581	581	581	581	



TEST NUMBER: P333617-927

CATALOG NUMBER: S125RDIP-S1270D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3
2.5°	1582.3	1581.4	1583.3	1577.9	1578.3	1569.9	1569.9	1563.5	1555.1	1548.7	1545.8
5°	1724.1	1725.4	1722.8	1713.6	1707.5	1698.2	1687.7	1669.1	1653.7	1638.9	1627.1
7.5°	1870.1	1871.0	1862.8	1860.0	1844.4	1833.0	1809.7	1784.5	1762.1	1733.8	1712.0
10°	1955.0	1954.5	1945.8	1939.0	1925.4	1908.1	1885.3	1855.6	1827.9	1797.0	1767.4
12.5°	2004.5	2002.9	2000.1	1991.9	1979.3	1964.0	1944.6	1915.4	1881.2	1847.4	1812.8
15°	2071.2	2066.8	2058.8	2048.3	2030.4	2012.5	1990.8	1964.9	1932.2	1893.9	1861.8
17.5°	2153.6	2153.8	2141.4	2126.9	2102.5	2070.9	2037.6	1995.7	1951.2	1909.1	1874.9
20°	2221.8	2219.9	2207.7	2179.2	2151.4	2111.9	2073.6	2022.4	1968.0	1913.0	1870.4
22.5°	2319.7	2314.8	2302.0	2264.7	2221.6	2170.7	2112.1	2049.5	1983.9	1921.4	1865.5
25°	2479.9	2476.2	2450.9	2407.7	2347.2	2268.7	2192.2	2106.3	2011.9	1929.8	1861.8
27.5°	2589.6	2585.5	2566.7	2530.9	2475.0	2392.5	2288.9	2174.1	2056.2	1943.2	1845.2
30°	2578.7	2588.0	2585.5	2568.9	2526.9	2452.8	2357.1	2228.0	2087.8	1955.0	1838.3
32.5°	2423.6	2431.9	2453.6	2486.3	2488.8	2459.2	2387.7	2268.5	2123.4	1972.4	1832.9
35°	2057.5	2068.7	2110.7	2176.8	2263.2	2335.4	2350.2	2286.1	2155.8	1993.4	1824.8
37.5°	1581.8	1642.6	1677.9	1747.5	1878.1	2011.0	2138.8	2185.9	2130.4	1984.7	1811.6
40°	1343.7	1358.5	1421.5	1499.9	1609.9	1748.2	1930.4	2061.9	2066.2	1964.9	1790.8
42.5°	1150.1	1168.9	1212.0	1274.7	1368.8	1507.1	1695.2	1868.8	1949.2	1910.6	1763.6
45°	920.1	934.3	965.8	1014.0	1086.2	1200.5	1362.2	1562.9	1722.3	1784.6	1690.8
47.5°	755.8	763.5	790.9	827.6	881.1	964.3	1089.6	1263.8	1454.8	1588.9	1575.7
50°	666.9	675.6	696.6	724.4	769.4	839.8	939.8	1085.0	1282.0	1445.6	1478.4
52.5°	597.8	604.9	618.0	644.3	681.5	735.6	816.3	947.6	1124.9	1298.9	1374.6
55°	505.1	510.1	520.5	535.4	565.1	604.0	673.7	764.5	907.8	1083.2	1194.3
57.5°	428.8	431.3	437.9	451.6	472.1	500.6	551.0	627.9	730.6	888.6	1011.2
60°	380.4	382.9	391.5	400.8	416.8	442.8	482.3	536.0	634.8	765.1	889.2
62.5°	341.8	343.3	347.1	356.3	370.4	390.4	421.5	465.3	543.9	658.4	775.6
65°	286.5	287.2	288.4	295.8	304.4	319.2	339.6	370.5	429.8	516.3	620.0
67.5°	233.5	234.2	238.6	241.2	250.3	258.0	270.0	293.6	335.3	393.6	474.3
70°	203.7	203.2	207.5	210.6	213.7	222.9	230.9	250.1	276.0	320.5	387.8
72.5°	176.1	174.5	176.3	177.4	181.6	187.8	195.9	207.6	227.6	258.3	309.7
75°	133.4	134.0	134.0	135.2	138.3	140.8	143.2	149.4	160.6	180.9	208.7
77.5°	93.6	92.6	95.2	95.6	97.4	100.1	102.3	104.7	109.3	117.7	132.1
80°	67.9	67.9	68.5	70.4	69.8	71.0	74.1	76.6	82.1	87.1	92.0
82.5°	52.1	51.7	52.2	52.6	52.5	53.7	54.8	55.3	57.4	59.9	63.4
85°	28.4	28.4	29.0	29.0	29.6	29.6	30.3	30.3	30.3	30.9	31.5
87.5°	13.1	12.5	12.0	11.9	12.3	13.2	12.6	12.0	11.9	11.8	12.2
90°	10.9	10.5	10.2	10.0	9.7	9.3	8.7	8.2	7.8	7.2	6.5
92.5°	21.3	21.1	20.9	20.7	20.4	20.0	19.3	18.7	18.0	17.3	16.5
95°	38.9	38.7	38.5	38.3	38.0	37.6	36.9	36.2	35.5	34.8	33.8
97.5°	58.9	58.8	58.7	58.5	58.5	58.1	57.4	56.7	56.1	55.4	54.0
100°	74.1	73.9	73.8	73.5	73.3	72.7	71.9	71.0	70.0	69.2	67.8
102.5°	89.3	89.0	88.7	88.5	88.2	87.5	86.6	85.6	84.6	83.6	82.9
105°	112.1	111.8	111.5	111.1	110.9	110.4	109.8	109.2	108.6	108.0	107.4
107.5°	135.4	135.4	135.5	135.5	135.5	135.3	135.1	134.8	134.4	134.1	133.6
110°	152.7	152.8	153.0	153.0	153.1	153.0	152.7	152.4	152.2	151.9	151.5



TEST NUMBER: P333617-927

CATALOG NUMBER: S125RDIP-S1270D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	169.8	169.9	170.1	170.3	170.5	170.5	170.3	170.2	170.1	169.9	169.5
115°	196.6	196.7	196.8	196.9	197.0	197.1	197.2	197.3	197.4	197.5	197.3
117.5°	222.8	223.2	223.6	224.0	224.4	224.6	224.5	224.4	224.3	224.3	224.0
120°	240.9	241.3	241.7	242.1	242.5	242.6	242.6	242.6	242.6	242.6	242.6
122.5°	259.0	259.3	259.6	259.9	260.2	260.5	260.5	260.6	260.7	260.8	260.5
125°	286.1	286.1	286.3	286.4	286.5	286.6	286.8	287.0	287.2	287.4	287.3
127.5°	312.1	312.3	312.5	312.7	312.9	313.1	313.1	313.2	313.4	313.5	313.3
130°	329.5	329.6	329.9	330.0	330.3	330.4	330.5	330.6	330.7	330.8	330.6
132.5°	345.7	346.0	346.3	346.6	346.8	347.1	347.1	347.2	347.4	347.5	347.5
135°	371.1	371.5	371.9	372.2	372.6	372.8	372.8	372.8	372.8	372.8	372.7
137.5°	395.8	396.3	396.8	397.3	397.8	398.0	397.8	397.8	397.6	397.5	397.3
140°	411.7	412.2	412.7	413.2	413.7	413.8	413.7	413.4	413.3	413.0	412.7
142.5°	426.9	427.4	427.9	428.4	428.9	429.0	429.0	428.8	428.7	428.6	428.3
145°	449.6	450.0	450.3	450.6	450.8	451.0	451.0	451.0	451.0	451.0	450.8
147.5°	469.1	469.8	470.5	471.1	471.8	472.1	471.8	471.6	471.3	471.1	470.9
150°	483.5	483.8	483.9	484.2	484.3	484.4	484.4	484.4	484.4	484.4	484.0
152.5°	495.5	495.8	496.2	496.5	496.9	497.0	496.8	496.5	496.3	496.1	495.8
155°	512.5	512.9	513.5	514.0	514.5	514.5	514.1	513.7	513.3	512.9	512.9
157.5°	526.6	527.4	528.0	528.6	529.3	529.4	529.0	528.6	528.2	527.8	527.8
160°	536.5	536.9	537.4	538.0	538.4	538.4	538.1	537.7	537.3	536.9	536.8
162.5°	544.7	545.3	545.9	546.5	547.1	547.2	546.6	546.1	545.7	545.2	545.2
165°	555.9	556.4	557.1	557.7	558.3	558.4	557.9	557.5	557.1	556.7	556.7
167.5°	564.7	565.3	565.9	566.6	567.2	567.2	566.6	566.0	565.4	564.8	564.8
170°	569.4	570.1	570.8	571.6	572.2	572.3	571.6	571.1	570.5	569.9	569.9
172.5°	573.4	574.0	574.6	575.3	575.9	575.9	575.3	574.7	574.1	573.5	573.5
175°	577.1	577.8	578.5	579.2	579.9	580.0	579.3	578.8	578.1	577.6	577.6
177.5°	579.2	579.8	580.4	581.0	581.5	581.5	581.1	580.6	580.1	579.6	579.7
180°	580.7	580.7	580.7	580.7	580.7	580.7	580.7	580.7	580.7	580.7	580.7



TEST NUMBER: P333617-927

CATALOG NUMBER: S125RDIP-S1270D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3
2.5°	1545.8	1542.3	1535.9	1529.9	1522.6	1516.2	1511.6	1506.3	1499.4	1491.0	1484.0
5°	1614.2	1600.6	1582.7	1567.3	1547.5	1532.1	1516.0	1500.6	1485.1	1465.4	1448.1
7.5°	1690.0	1662.0	1634.7	1600.4	1569.2	1541.4	1514.7	1487.7	1461.3	1433.2	1406.2
10°	1736.5	1702.5	1664.9	1621.6	1582.1	1544.4	1509.8	1475.8	1440.0	1408.6	1374.6
12.5°	1780.0	1736.1	1693.0	1638.4	1590.9	1544.9	1500.9	1458.6	1420.3	1379.4	1343.0
15°	1819.2	1776.0	1727.8	1661.1	1595.1	1539.4	1487.6	1432.7	1385.1	1339.4	1298.6
17.5°	1834.4	1789.1	1733.1	1669.0	1596.8	1526.9	1460.1	1399.8	1343.9	1290.6	1244.8
20°	1828.4	1784.6	1727.2	1666.0	1588.9	1516.0	1443.8	1377.1	1314.7	1258.5	1209.7
22.5°	1814.2	1768.8	1713.3	1648.8	1575.5	1498.3	1421.0	1349.9	1284.5	1226.4	1173.1
25°	1792.6	1730.9	1674.1	1611.1	1541.3	1464.7	1385.1	1306.6	1236.9	1177.6	1119.6
27.5°	1770.3	1693.2	1621.0	1558.4	1484.6	1416.3	1339.5	1259.1	1185.7	1125.4	1065.8
30°	1750.0	1663.6	1583.9	1512.9	1443.1	1378.3	1305.4	1227.0	1151.7	1089.3	1028.8
32.5°	1724.8	1632.9	1545.4	1463.5	1396.2	1331.9	1265.9	1191.0	1117.6	1053.2	991.7
35°	1693.2	1575.9	1480.8	1393.8	1319.0	1256.6	1197.4	1136.9	1063.3	996.6	936.8
37.5°	1651.7	1518.6	1408.6	1313.7	1234.9	1172.3	1125.5	1070.2	1003.1	939.2	883.7
40°	1626.5	1477.1	1356.7	1262.8	1180.0	1114.0	1070.2	1023.3	962.1	902.2	846.6
42.5°	1592.9	1439.1	1304.3	1206.5	1123.2	1059.6	1015.3	974.3	923.1	866.6	807.1
45°	1527.1	1365.3	1223.9	1119.0	1035.0	972.6	931.2	894.8	855.9	804.0	752.1
47.5°	1441.4	1288.4	1140.4	1025.8	943.6	885.7	845.5	816.7	788.9	744.8	694.4
50°	1372.8	1225.2	1080.6	969.5	881.8	826.9	789.2	766.4	741.0	700.8	658.9
52.5°	1291.7	1159.9	1018.4	904.8	822.0	770.6	734.4	711.5	690.6	657.9	617.9
55°	1164.0	1048.5	918.9	815.7	739.8	687.9	653.3	631.7	619.4	591.6	560.1
57.5°	1016.7	933.9	819.6	720.2	653.0	601.7	576.4	558.0	544.1	524.4	502.2
60°	913.9	855.9	753.4	658.9	597.1	548.3	525.5	510.1	497.1	480.5	463.1
62.5°	809.7	767.5	678.3	597.1	540.3	499.5	478.1	464.1	449.2	437.9	421.1
65°	670.0	632.3	570.6	507.0	454.5	421.8	406.3	394.0	384.7	372.3	360.6
67.5°	521.2	505.9	463.3	419.4	381.8	352.6	339.3	330.7	319.5	312.1	304.0
70°	429.8	422.4	392.1	363.1	327.9	308.2	295.8	292.1	278.5	271.1	265.5
72.5°	348.8	345.3	327.9	307.8	283.0	265.6	254.3	250.1	241.5	235.5	232.0
75°	239.0	240.2	237.1	224.2	214.9	203.7	193.9	191.4	185.3	180.3	177.2
77.5°	151.1	157.5	157.7	157.1	153.4	146.6	142.5	140.7	134.6	132.8	132.1
80°	103.8	110.5	116.7	116.1	114.9	113.0	110.0	108.1	105.0	103.1	101.9
82.5°	69.2	75.5	80.6	84.0	83.7	81.9	79.8	78.9	78.3	76.9	76.7
85°	32.7	34.0	35.8	40.2	43.3	43.8	43.3	42.6	40.7	41.4	42.0
87.5°	12.5	12.4	12.8	12.6	12.0	14.3	15.5	15.9	15.1	14.3	13.4
90°	5.9	5.1	4.4	3.6	2.9	2.1	1.3	0.5	1.3	2.1	2.9
92.5°	15.6	14.7	13.9	13.2	12.6	12.0	11.5	10.9	11.5	12.0	12.6
95°	32.8	31.8	30.8	30.2	29.9	29.8	29.5	29.4	29.5	29.8	29.9
97.5°	52.6	51.3	49.8	49.1	49.0	49.0	48.9	48.8	48.9	49.0	49.0
100°	66.5	65.2	63.9	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
102.5°	82.3	81.6	81.0	80.4	80.0	79.6	79.2	78.8	79.2	79.6	80.0
105°	106.8	106.2	105.6	105.0	104.6	104.0	103.5	103.1	103.5	104.0	104.6
107.5°	133.2	132.8	132.3	131.8	131.3	130.8	130.3	129.8	130.3	130.8	131.3
110°	151.2	150.9	150.7	150.3	149.7	149.2	148.7	148.2	148.7	149.2	149.7



TEST NUMBER: P333617-927

CATALOG NUMBER: S125RDIP-S1270D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	169.1	168.8	168.4	168.1	167.8	167.5	167.3	167.0	167.3	167.5	167.8
115°	197.1	196.9	196.7	196.4	196.0	195.6	195.2	194.8	195.2	195.6	196.0
117.5°	223.9	223.7	223.6	223.3	223.2	223.0	222.8	222.6	222.8	223.0	223.2
120°	242.5	242.4	242.2	242.0	241.5	241.0	240.5	240.0	240.5	241.0	241.5
122.5°	260.2	260.0	259.7	259.5	259.3	259.1	259.0	258.8	259.0	259.1	259.3
125°	287.2	287.1	287.0	286.7	286.1	285.4	284.9	284.2	284.9	285.4	286.1
127.5°	313.2	313.1	313.0	312.8	312.4	312.0	311.7	311.4	311.7	312.0	312.4
130°	330.4	330.2	330.0	329.6	329.2	328.7	328.1	327.6	328.1	328.7	329.2
132.5°	347.5	347.5	347.6	347.2	346.3	345.5	344.8	343.9	344.8	345.5	346.3
135°	372.6	372.6	372.4	372.1	371.5	370.9	370.3	369.6	370.3	370.9	371.5
137.5°	397.0	396.9	396.6	396.2	395.6	395.1	394.5	393.9	394.5	395.1	395.6
140°	412.5	412.2	411.9	411.5	410.9	410.4	410.0	409.4	410.0	410.4	410.9
142.5°	427.9	427.5	427.1	426.7	426.3	425.8	425.4	425.0	425.4	425.8	426.3
145°	450.4	450.1	449.8	449.5	449.1	448.7	448.2	447.8	448.2	448.7	449.1
147.5°	470.6	470.3	470.1	469.9	469.7	469.4	469.2	469.0	469.2	469.4	469.7
150°	483.6	483.2	482.8	482.7	482.8	482.9	483.0	483.1	483.0	482.9	482.8
152.5°	495.7	495.5	495.4	495.2	495.1	495.0	494.8	494.6	494.8	495.0	495.1
155°	512.7	512.6	512.5	512.5	512.5	512.5	512.5	512.5	512.5	512.5	512.5
157.5°	527.7	527.5	527.4	527.5	527.8	527.9	528.1	528.4	528.1	527.9	527.8
160°	536.7	536.5	536.5	536.5	536.9	537.2	537.5	537.8	537.5	537.2	536.9
162.5°	545.2	545.1	545.1	545.2	545.4	545.7	545.9	546.1	545.9	545.7	545.4
165°	556.6	556.4	556.3	556.4	556.6	556.8	557.0	557.2	557.0	556.8	556.6
167.5°	564.8	564.8	564.8	565.0	565.4	565.8	566.3	566.6	566.3	565.8	565.4
170°	569.9	569.9	569.9	570.1	570.5	570.8	571.2	571.6	571.2	570.8	570.5
172.5°	573.5	573.5	573.5	573.7	574.1	574.5	574.9	575.3	574.9	574.5	574.1
175°	577.6	577.6	577.6	577.7	578.1	578.5	578.9	579.3	578.9	578.5	578.1
177.5°	579.8	579.9	580.0	580.1	580.5	580.8	581.1	581.5	581.1	580.8	580.5
180°	580.7	580.7	580.7	580.7	580.7	580.7	580.7	580.7	580.7	580.7	580.7



TEST NUMBER: P333617-927

CATALOG NUMBER: S125RDIP-S1270D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3
2.5°	1479.1	1472.2	1467.2	1457.3	1450.4	1447.5	1442.0	1440.5	1446.0	1442.0	1441.5
5°	1435.1	1417.2	1403.0	1388.8	1373.3	1363.5	1348.7	1346.2	1342.5	1336.9	1335.7
7.5°	1382.4	1359.1	1340.8	1317.3	1296.9	1280.5	1261.9	1253.2	1248.4	1241.2	1231.6
10°	1346.8	1319.0	1294.3	1270.8	1245.5	1225.2	1206.7	1192.4	1183.1	1174.5	1170.8
12.5°	1311.7	1283.4	1251.8	1223.4	1195.2	1172.3	1151.8	1142.6	1132.3	1122.1	1113.5
15°	1257.3	1219.6	1185.0	1152.3	1128.2	1103.5	1083.7	1070.2	1054.7	1050.4	1033.7
17.5°	1199.4	1162.5	1122.0	1087.6	1059.6	1032.5	1010.7	995.3	983.7	967.8	960.1
20°	1163.4	1119.6	1080.1	1048.5	1017.6	985.6	963.3	950.4	939.2	926.3	920.1
22.5°	1124.9	1082.0	1041.5	1004.6	973.2	941.6	925.7	912.4	899.7	887.7	879.6
25°	1068.3	1025.1	982.5	944.2	911.5	888.6	870.1	854.6	847.9	836.1	827.4
27.5°	1012.3	966.4	922.2	884.0	858.3	835.8	820.5	808.3	796.1	785.8	778.3
30°	976.3	929.4	881.2	851.0	823.8	802.2	785.4	773.7	764.5	755.2	749.6
32.5°	940.2	891.8	849.1	816.3	790.7	772.0	754.9	743.6	733.9	723.6	717.1
35°	882.4	833.1	798.4	766.4	741.0	723.7	712.0	695.9	687.9	680.5	673.7
37.5°	828.7	782.8	745.4	717.2	695.2	678.0	662.8	654.2	644.3	637.6	632.0
40°	789.2	747.2	713.2	683.6	667.6	648.4	634.2	623.1	615.7	607.0	600.9
42.5°	753.6	714.6	681.6	655.0	634.9	618.8	605.1	593.9	584.6	578.4	573.1
45°	703.4	664.5	632.3	607.6	589.1	573.7	559.4	553.9	541.5	534.2	531.7
47.5°	651.3	616.6	585.5	562.8	543.8	529.2	515.9	504.5	497.7	490.4	486.5
50°	616.3	583.0	553.9	531.7	513.2	497.1	484.7	477.4	468.1	461.3	456.4
52.5°	581.2	550.3	521.3	500.0	484.0	467.9	454.2	446.7	437.9	433.6	430.2
55°	531.1	498.4	473.6	452.7	435.9	421.1	408.2	400.8	395.2	390.9	389.7
57.5°	474.3	448.3	425.3	406.5	389.1	375.2	363.8	356.8	351.9	351.3	347.5
60°	437.2	413.8	392.8	372.3	357.5	344.6	334.7	326.7	321.7	321.1	319.9
62.5°	400.1	377.6	358.1	340.2	326.9	314.4	305.1	296.0	293.1	290.0	287.2
65°	345.2	324.8	308.8	294.5	280.4	269.8	260.6	255.0	248.3	244.5	237.7
67.5°	291.2	275.4	260.0	248.0	236.9	226.9	219.2	211.0	206.4	203.4	198.4
70°	255.6	243.3	227.8	214.9	206.3	198.2	192.0	182.8	179.7	177.2	174.8
72.5°	222.0	211.2	198.2	187.7	179.1	171.5	164.4	160.0	157.0	154.5	153.0
75°	174.8	164.3	153.1	145.8	139.6	133.4	129.7	126.6	125.3	124.8	122.2
77.5°	128.3	122.8	113.8	108.0	103.9	101.4	98.1	96.5	96.3	93.6	92.8
80°	98.2	95.1	87.7	85.2	82.1	79.7	77.8	74.7	71.6	70.4	68.5
82.5°	73.0	69.9	66.9	63.0	60.4	58.9	57.0	55.9	56.3	54.6	53.7
85°	38.9	35.8	34.6	34.0	32.7	34.0	33.4	32.7	32.1	31.5	32.1
87.5°	13.1	13.2	12.9	14.0	12.7	13.3	13.4	13.0	13.1	13.2	12.8
90°	3.6	4.4	5.1	5.9	6.5	7.2	7.8	8.2	8.7	9.3	9.7
92.5°	13.2	13.9	14.7	15.6	16.5	17.3	18.0	18.7	19.3	20.0	20.4
95°	30.2	30.8	31.8	32.8	33.8	34.8	35.5	36.2	36.9	37.6	38.0
97.5°	49.1	49.8	51.3	52.6	54.0	55.4	56.1	56.7	57.4	58.1	58.5
100°	63.3	63.9	65.2	66.5	67.8	69.2	70.0	71.0	71.9	72.7	73.3
102.5°	80.4	81.0	81.6	82.3	82.9	83.6	84.6	85.6	86.6	87.5	88.2
105°	105.0	105.6	106.2	106.8	107.4	108.0	108.6	109.2	109.8	110.4	110.9
107.5°	131.8	132.3	132.8	133.2	133.6	134.1	134.4	134.8	135.1	135.3	135.5
110°	150.3	150.7	150.9	151.2	151.5	151.9	152.2	152.4	152.7	153.0	153.1



TEST NUMBER: P333617-927

CATALOG NUMBER: S125RDIP-S1270D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	168.1	168.4	168.8	169.1	169.5	169.9	170.1	170.2	170.3	170.5	170.5
115°	196.4	196.7	196.9	197.1	197.3	197.5	197.4	197.3	197.2	197.1	197.0
117.5°	223.3	223.6	223.7	223.9	224.0	224.3	224.3	224.4	224.5	224.6	224.4
120°	242.0	242.2	242.4	242.5	242.6	242.6	242.6	242.6	242.6	242.6	242.5
122.5°	259.5	259.7	260.0	260.2	260.5	260.8	260.7	260.6	260.5	260.5	260.2
125°	286.7	287.0	287.1	287.2	287.3	287.4	287.2	287.0	286.8	286.6	286.5
127.5°	312.8	313.0	313.1	313.2	313.3	313.5	313.4	313.2	313.1	313.1	312.9
130°	329.6	330.0	330.2	330.4	330.6	330.8	330.7	330.6	330.5	330.4	330.3
132.5°	347.2	347.6	347.5	347.5	347.5	347.5	347.4	347.2	347.1	347.1	346.8
135°	372.1	372.4	372.6	372.6	372.7	372.8	372.8	372.8	372.8	372.8	372.6
137.5°	396.2	396.6	396.9	397.0	397.3	397.5	397.6	397.8	397.8	398.0	397.8
140°	411.5	411.9	412.2	412.5	412.7	413.0	413.3	413.4	413.7	413.8	413.7
142.5°	426.7	427.1	427.5	427.9	428.3	428.6	428.7	428.8	429.0	429.0	428.9
145°	449.5	449.8	450.1	450.4	450.8	451.0	451.0	451.0	451.0	451.0	450.8
147.5°	469.9	470.1	470.3	470.6	470.9	471.1	471.3	471.6	471.8	472.1	471.8
150°	482.7	482.8	483.2	483.6	484.0	484.4	484.4	484.4	484.4	484.4	484.3
152.5°	495.2	495.4	495.5	495.7	495.8	496.1	496.3	496.5	496.8	497.0	496.9
155°	512.5	512.5	512.6	512.7	512.9	512.9	513.3	513.7	514.1	514.5	514.5
157.5°	527.5	527.4	527.5	527.7	527.8	527.8	528.2	528.6	529.0	529.4	529.3
160°	536.5	536.5	536.5	536.7	536.8	536.9	537.3	537.7	538.1	538.4	538.4
162.5°	545.2	545.1	545.1	545.2	545.2	545.2	545.7	546.1	546.6	547.2	547.1
165°	556.4	556.3	556.4	556.6	556.7	556.7	557.1	557.5	557.9	558.4	558.3
167.5°	565.0	564.8	564.8	564.8	564.8	564.8	565.4	566.0	566.6	567.2	567.2
170°	570.1	569.9	569.9	569.9	569.9	569.9	570.5	571.1	571.6	572.3	572.2
172.5°	573.7	573.5	573.5	573.5	573.5	573.5	574.1	574.7	575.3	575.9	575.9
175°	577.7	577.6	577.6	577.6	577.6	577.6	578.1	578.8	579.3	580.0	579.9
177.5°	580.1	580.0	579.9	579.8	579.7	579.6	580.1	580.6	581.1	581.5	581.5
180°	580.7	580.7	580.7	580.7	580.7	580.7	580.7	580.7	580.7	580.7	580.7



TEST NUMBER: P333617-927

CATALOG NUMBER: S125RDIP-S1270D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3
2.5°	1441.1	1435.6	1434.1	1436.1	1434.1	1435.6	1441.1	1441.5	1442.0	1446.0	1440.5
5°	1329.5	1323.3	1326.4	1325.2	1326.4	1323.3	1329.5	1335.7	1336.9	1342.5	1346.2
7.5°	1231.4	1223.8	1215.6	1218.2	1215.6	1223.8	1231.4	1231.6	1241.2	1248.4	1253.2
10°	1162.8	1156.6	1152.9	1156.0	1152.9	1156.6	1162.8	1170.8	1174.5	1183.1	1192.4
12.5°	1105.0	1101.3	1098.0	1096.7	1098.0	1101.3	1105.0	1113.5	1122.1	1132.3	1142.6
15°	1026.3	1018.9	1015.8	1007.8	1015.8	1018.9	1026.3	1033.7	1050.4	1054.7	1070.2
17.5°	953.8	951.3	943.3	939.8	943.3	951.3	953.8	960.1	967.8	983.7	995.3
20°	910.9	908.4	900.3	905.3	900.3	908.4	910.9	920.1	926.3	939.2	950.4
22.5°	875.3	869.8	867.2	865.8	867.2	869.8	875.3	879.6	887.7	899.7	912.4
25°	825.0	817.0	813.9	810.2	813.9	817.0	825.0	827.4	836.1	847.9	854.6
27.5°	774.8	770.6	766.4	765.5	766.4	770.6	774.8	778.3	785.8	796.1	808.3
30°	742.3	737.9	734.8	734.8	734.8	737.9	742.3	749.6	755.2	764.5	773.7
32.5°	713.1	709.8	706.7	706.2	706.7	709.8	713.1	717.1	723.6	733.9	743.6
35°	670.7	665.7	664.5	660.8	664.5	665.7	670.7	673.7	680.5	687.9	695.9
37.5°	626.5	622.4	622.3	621.9	622.3	622.4	626.5	632.0	637.6	644.3	654.2
40°	598.3	595.2	594.7	590.3	594.7	595.2	598.3	600.9	607.0	615.7	623.1
42.5°	568.2	566.6	564.5	562.7	564.5	566.6	568.2	573.1	578.4	584.6	593.9
45°	527.4	523.0	523.0	519.9	523.0	523.0	527.4	531.7	534.2	541.5	553.9
47.5°	485.1	481.8	482.1	479.0	482.1	481.8	485.1	486.5	490.4	497.7	504.5
50°	456.9	455.1	454.5	453.3	454.5	455.1	456.9	456.4	461.3	468.1	477.4
52.5°	428.8	427.9	430.3	427.5	430.3	427.9	428.8	430.2	433.6	437.9	446.7
55°	390.9	389.0	392.8	389.0	392.8	389.0	390.9	389.7	390.9	395.2	400.8
57.5°	347.3	345.5	348.9	347.1	348.9	345.5	347.3	347.5	351.3	351.9	356.8
60°	318.6	315.0	316.8	317.4	316.8	315.0	318.6	319.9	321.1	321.7	326.7
62.5°	284.6	282.3	283.7	280.8	283.7	282.3	284.6	287.2	290.0	293.1	296.0
65°	236.5	234.6	232.2	230.9	232.2	234.6	236.5	237.7	244.5	248.3	255.0
67.5°	198.7	194.2	194.2	195.1	194.2	194.2	198.7	198.4	203.4	206.4	211.0
70°	171.0	171.0	170.4	170.4	170.4	171.0	171.0	174.8	177.2	179.7	182.8
72.5°	151.8	151.3	150.2	149.7	150.2	151.3	151.8	153.0	154.5	157.0	160.0
75°	122.2	122.9	121.7	121.0	121.7	122.9	122.2	122.2	124.8	125.3	126.6
77.5°	90.3	87.7	89.0	87.7	89.0	87.7	90.3	92.8	93.6	96.3	96.5
80°	68.5	67.9	69.8	67.9	69.8	67.9	68.5	68.5	70.4	71.6	74.7
82.5°	54.2	53.6	54.5	53.1	54.5	53.6	54.2	53.7	54.6	56.3	55.9
85°	32.7	32.1	31.5	32.1	31.5	32.1	32.7	32.1	31.5	32.1	32.7
87.5°	13.4	12.9	13.0	13.1	13.0	12.9	13.4	12.8	13.2	13.1	13.0
90°	10.0	10.2	10.5	10.9	10.5	10.2	10.0	9.7	9.3	8.7	8.2
92.5°	20.7	20.9	21.1	21.3	21.1	20.9	20.7	20.4	20.0	19.3	18.7
95°	38.3	38.5	38.7	38.9	38.7	38.5	38.3	38.0	37.6	36.9	36.2
97.5°	58.5	58.7	58.8	58.9	58.8	58.7	58.5	58.5	58.1	57.4	56.7
100°	73.5	73.8	73.9	74.1	73.9	73.8	73.5	73.3	72.7	71.9	71.0
102.5°	88.5	88.7	89.0	89.3	89.0	88.7	88.5	88.2	87.5	86.6	85.6
105°	111.1	111.5	111.8	112.1	111.8	111.5	111.1	110.9	110.4	109.8	109.2
107.5°	135.5	135.5	135.4	135.4	135.4	135.5	135.5	135.5	135.3	135.1	134.8
110°	153.0	153.0	152.8	152.7	152.8	153.0	153.0	153.1	153.0	152.7	152.4



TEST NUMBER: P333617-927

CATALOG NUMBER: S125RDIP-S1270D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	170.3	170.1	169.9	169.8	169.9	170.1	170.3	170.5	170.5	170.3	170.2
115°	196.9	196.8	196.7	196.6	196.7	196.8	196.9	197.0	197.1	197.2	197.3
117.5°	224.0	223.6	223.2	222.8	223.2	223.6	224.0	224.4	224.6	224.5	224.4
120°	242.1	241.7	241.3	240.9	241.3	241.7	242.1	242.5	242.6	242.6	242.6
122.5°	259.9	259.6	259.3	259.0	259.3	259.6	259.9	260.2	260.5	260.5	260.6
125°	286.4	286.3	286.1	286.1	286.1	286.3	286.4	286.5	286.6	286.8	287.0
127.5°	312.7	312.5	312.3	312.1	312.3	312.5	312.7	312.9	313.1	313.1	313.2
130°	330.0	329.9	329.6	329.5	329.6	329.9	330.0	330.3	330.4	330.5	330.6
132.5°	346.6	346.3	346.0	345.7	346.0	346.3	346.6	346.8	347.1	347.1	347.2
135°	372.2	371.9	371.5	371.1	371.5	371.9	372.2	372.6	372.8	372.8	372.8
137.5°	397.3	396.8	396.3	395.8	396.3	396.8	397.3	397.8	398.0	397.8	397.8
140°	413.2	412.7	412.2	411.7	412.2	412.7	413.2	413.7	413.8	413.7	413.4
142.5°	428.4	427.9	427.4	426.9	427.4	427.9	428.4	428.9	429.0	429.0	428.8
145°	450.6	450.3	450.0	449.6	450.0	450.3	450.6	450.8	451.0	451.0	451.0
147.5°	471.1	470.5	469.8	469.1	469.8	470.5	471.1	471.8	472.1	471.8	471.6
150°	484.2	483.9	483.8	483.5	483.8	483.9	484.2	484.3	484.4	484.4	484.4
152.5°	496.5	496.2	495.8	495.5	495.8	496.2	496.5	496.9	497.0	496.8	496.5
155°	514.0	513.5	512.9	512.5	512.9	513.5	514.0	514.5	514.5	514.1	513.7
157.5°	528.6	528.0	527.4	526.6	527.4	528.0	528.6	529.3	529.4	529.0	528.6
160°	538.0	537.4	536.9	536.5	536.9	537.4	538.0	538.4	538.4	538.1	537.7
162.5°	546.5	545.9	545.3	544.7	545.3	545.9	546.5	547.1	547.2	546.6	546.1
165°	557.7	557.1	556.4	555.9	556.4	557.1	557.7	558.3	558.4	557.9	557.5
167.5°	566.6	565.9	565.3	564.7	565.3	565.9	566.6	567.2	567.2	566.6	566.0
170°	571.6	570.8	570.1	569.4	570.1	570.8	571.6	572.2	572.3	571.6	571.1
172.5°	575.3	574.6	574.0	573.4	574.0	574.6	575.3	575.9	575.9	575.3	574.7
175°	579.2	578.5	577.8	577.1	577.8	578.5	579.2	579.9	580.0	579.3	578.8
177.5°	581.0	580.4	579.8	579.2	579.8	580.4	581.0	581.5	581.5	581.1	580.6
180°	580.7	580.7	580.7	580.7	580.7	580.7	580.7	580.7	580.7	580.7	580.7



TEST NUMBER: P333617-927

CATALOG NUMBER: S125RDIP-S1270D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3
2.5°	1442.0	1447.5	1450.4	1457.3	1467.2	1472.2	1479.1	1484.0	1491.0	1499.4	1506.3
5°	1348.7	1363.5	1373.3	1388.8	1403.0	1417.2	1435.1	1448.1	1465.4	1485.1	1500.6
7.5°	1261.9	1280.5	1296.9	1317.3	1340.8	1359.1	1382.4	1406.2	1433.2	1461.3	1487.7
10°	1206.7	1225.2	1245.5	1270.8	1294.3	1319.0	1346.8	1374.6	1408.6	1440.0	1475.8
12.5°	1151.8	1172.3	1195.2	1223.4	1251.8	1283.4	1311.7	1343.0	1379.4	1420.3	1458.6
15°	1083.7	1103.5	1128.2	1152.3	1185.0	1219.6	1257.3	1298.6	1339.4	1385.1	1432.7
17.5°	1010.7	1032.5	1059.6	1087.6	1122.0	1162.5	1199.4	1244.8	1290.6	1343.9	1399.8
20°	963.3	985.6	1017.6	1048.5	1080.1	1119.6	1163.4	1209.7	1258.5	1314.7	1377.1
22.5°	925.7	941.6	973.2	1004.6	1041.5	1082.0	1124.9	1173.1	1226.4	1284.5	1349.9
25°	870.1	888.6	911.5	944.2	982.5	1025.1	1068.3	1119.6	1177.6	1236.9	1306.6
27.5°	820.5	835.8	858.3	884.0	922.2	966.4	1012.3	1065.8	1125.4	1185.7	1259.1
30°	785.4	802.2	823.8	851.0	881.2	929.4	976.3	1028.8	1089.3	1151.7	1227.0
32.5°	754.9	772.0	790.7	816.3	849.1	891.8	940.2	991.7	1053.2	1117.6	1191.0
35°	712.0	723.7	741.0	766.4	798.4	833.1	882.4	936.8	996.6	1063.3	1136.9
37.5°	662.8	678.0	695.2	717.2	745.4	782.8	828.7	883.7	939.2	1003.1	1070.2
40°	634.2	648.4	667.6	683.6	713.2	747.2	789.2	846.6	902.2	962.1	1023.3
42.5°	605.1	618.8	634.9	655.0	681.6	714.6	753.6	807.1	866.6	923.1	974.3
45°	559.4	573.7	589.1	607.6	632.3	664.5	703.4	752.1	804.0	855.9	894.8
47.5°	515.9	529.2	543.8	562.8	585.5	616.6	651.3	694.4	744.8	788.9	816.7
50°	484.7	497.1	513.2	531.7	553.9	583.0	616.3	658.9	700.8	741.0	766.4
52.5°	454.2	467.9	484.0	500.0	521.3	550.3	581.2	617.9	657.9	690.6	711.5
55°	408.2	421.1	435.9	452.7	473.6	498.4	531.1	560.1	591.6	619.4	631.7
57.5°	363.8	375.2	389.1	406.5	425.3	448.3	474.3	502.2	524.4	544.1	558.0
60°	334.7	344.6	357.5	372.3	392.8	413.8	437.2	463.1	480.5	497.1	510.1
62.5°	305.1	314.4	326.9	340.2	358.1	377.6	400.1	421.1	437.9	449.2	464.1
65°	260.6	269.8	280.4	294.5	308.8	324.8	345.2	360.6	372.3	384.7	394.0
67.5°	219.2	226.9	236.9	248.0	260.0	275.4	291.2	304.0	312.1	319.5	330.7
70°	192.0	198.2	206.3	214.9	227.8	243.3	255.6	265.5	271.1	278.5	292.1
72.5°	164.4	171.5	179.1	187.7	198.2	211.2	222.0	232.0	235.5	241.5	250.1
75°	129.7	133.4	139.6	145.8	153.1	164.3	174.8	177.2	180.3	185.3	191.4
77.5°	98.1	101.4	103.9	108.0	113.8	122.8	128.3	132.1	132.8	134.6	140.7
80°	77.8	79.7	82.1	85.2	87.7	95.1	98.2	101.9	103.1	105.0	108.1
82.5°	57.0	58.9	60.4	63.0	66.9	69.9	73.0	76.7	76.9	78.3	78.9
85°	33.4	34.0	32.7	34.0	34.6	35.8	38.9	42.0	41.4	40.7	42.6
87.5°	13.4	13.3	12.7	14.0	12.9	13.2	13.1	13.4	14.3	15.1	15.9
90°	7.8	7.2	6.5	5.9	5.1	4.4	3.6	2.9	2.1	1.3	0.5
92.5°	18.0	17.3	16.5	15.6	14.7	13.9	13.2	12.6	12.0	11.5	10.9
95°	35.5	34.8	33.8	32.8	31.8	30.8	30.2	29.9	29.8	29.5	29.4
97.5°	56.1	55.4	54.0	52.6	51.3	49.8	49.1	49.0	49.0	48.9	48.8
100°	70.0	69.2	67.8	66.5	65.2	63.9	63.3	63.3	63.3	63.3	63.3
102.5°	84.6	83.6	82.9	82.3	81.6	81.0	80.4	80.0	79.6	79.2	78.8
105°	108.6	108.0	107.4	106.8	106.2	105.6	105.0	104.6	104.0	103.5	103.1
107.5°	134.4	134.1	133.6	133.2	132.8	132.3	131.8	131.3	130.8	130.3	129.8
110°	152.2	151.9	151.5	151.2	150.9	150.7	150.3	149.7	149.2	148.7	148.2



TEST NUMBER: P333617-927

CATALOG NUMBER: S125RDIP-S1270D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	170.1	169.9	169.5	169.1	168.8	168.4	168.1	167.8	167.5	167.3	167.0
115°	197.4	197.5	197.3	197.1	196.9	196.7	196.4	196.0	195.6	195.2	194.8
117.5°	224.3	224.3	224.0	223.9	223.7	223.6	223.3	223.2	223.0	222.8	222.6
120°	242.6	242.6	242.6	242.5	242.4	242.2	242.0	241.5	241.0	240.5	240.0
122.5°	260.7	260.8	260.5	260.2	260.0	259.7	259.5	259.3	259.1	259.0	258.8
125°	287.2	287.4	287.3	287.2	287.1	287.0	286.7	286.1	285.4	284.9	284.2
127.5°	313.4	313.5	313.3	313.2	313.1	313.0	312.8	312.4	312.0	311.7	311.4
130°	330.7	330.8	330.6	330.4	330.2	330.0	329.6	329.2	328.7	328.1	327.6
132.5°	347.4	347.5	347.5	347.5	347.5	347.6	347.2	346.3	345.5	344.8	343.9
135°	372.8	372.8	372.7	372.6	372.6	372.4	372.1	371.5	370.9	370.3	369.6
137.5°	397.6	397.5	397.3	397.0	396.9	396.6	396.2	395.6	395.1	394.5	393.9
140°	413.3	413.0	412.7	412.5	412.2	411.9	411.5	410.9	410.4	410.0	409.4
142.5°	428.7	428.6	428.3	427.9	427.5	427.1	426.7	426.3	425.8	425.4	425.0
145°	451.0	451.0	450.8	450.4	450.1	449.8	449.5	449.1	448.7	448.2	447.8
147.5°	471.3	471.1	470.9	470.6	470.3	470.1	469.9	469.7	469.4	469.2	469.0
150°	484.4	484.4	484.0	483.6	483.2	482.8	482.7	482.8	482.9	483.0	483.1
152.5°	496.3	496.1	495.8	495.7	495.5	495.4	495.2	495.1	495.0	494.8	494.6
155°	513.3	512.9	512.9	512.7	512.6	512.5	512.5	512.5	512.5	512.5	512.5
157.5°	528.2	527.8	527.8	527.7	527.5	527.4	527.5	527.8	527.9	528.1	528.4
160°	537.3	536.9	536.8	536.7	536.5	536.5	536.5	536.9	537.2	537.5	537.8
162.5°	545.7	545.2	545.2	545.2	545.1	545.1	545.2	545.4	545.7	545.9	546.1
165°	557.1	556.7	556.7	556.6	556.4	556.3	556.4	556.6	556.8	557.0	557.2
167.5°	565.4	564.8	564.8	564.8	564.8	564.8	565.0	565.4	565.8	566.3	566.6
170°	570.5	569.9	569.9	569.9	569.9	569.9	570.1	570.5	570.8	571.2	571.6
172.5°	574.1	573.5	573.5	573.5	573.5	573.5	573.7	574.1	574.5	574.9	575.3
175°	578.1	577.6	577.6	577.6	577.6	577.6	577.7	578.1	578.5	578.9	579.3
177.5°	580.1	579.6	579.7	579.8	579.9	580.0	580.1	580.5	580.8	581.1	581.5
180°	580.7	580.7	580.7	580.7	580.7	580.7	580.7	580.7	580.7	580.7	580.7



TEST NUMBER: P333617-927

CATALOG NUMBER: S125RDIP-S1270D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3
2.5°	1511.6	1516.2	1522.6	1529.9	1535.9	1542.3	1545.8	1545.8	1548.7	1555.1	1563.5
5°	1516.0	1532.1	1547.5	1567.3	1582.7	1600.6	1614.2	1627.1	1638.9	1653.7	1669.1
7.5°	1514.7	1541.4	1569.2	1600.4	1634.7	1662.0	1690.0	1712.0	1733.8	1762.1	1784.5
10°	1509.8	1544.4	1582.1	1621.6	1664.9	1702.5	1736.5	1767.4	1797.0	1827.9	1855.6
12.5°	1500.9	1544.9	1590.9	1638.4	1693.0	1736.1	1780.0	1812.8	1847.4	1881.2	1915.4
15°	1487.6	1539.4	1595.1	1661.1	1727.8	1776.0	1819.2	1861.8	1893.9	1932.2	1964.9
17.5°	1460.1	1526.9	1596.8	1669.0	1733.1	1789.1	1834.4	1874.9	1909.1	1951.2	1995.7
20°	1443.8	1516.0	1588.9	1666.0	1727.2	1784.6	1828.4	1870.4	1913.0	1968.0	2022.4
22.5°	1421.0	1498.3	1575.5	1648.8	1713.3	1768.8	1814.2	1865.5	1921.4	1983.9	2049.5
25°	1385.1	1464.7	1541.3	1611.1	1674.1	1730.9	1792.6	1861.8	1929.8	2011.9	2106.3
27.5°	1339.5	1416.3	1484.6	1558.4	1621.0	1693.2	1770.3	1845.2	1943.2	2056.2	2174.1
30°	1305.4	1378.3	1443.1	1512.9	1583.9	1663.6	1750.0	1838.3	1955.0	2087.8	2228.0
32.5°	1265.9	1331.9	1396.2	1463.5	1545.4	1632.9	1724.8	1832.9	1972.4	2123.4	2268.5
35°	1197.4	1256.6	1319.0	1393.8	1480.8	1575.9	1693.2	1824.8	1993.4	2155.8	2286.1
37.5°	1125.5	1172.3	1234.9	1313.7	1408.6	1518.6	1651.7	1811.6	1984.7	2130.4	2185.9
40°	1070.2	1114.0	1180.0	1262.8	1356.7	1477.1	1626.5	1790.8	1964.9	2066.2	2061.9
42.5°	1015.3	1059.6	1123.2	1206.5	1304.3	1439.1	1592.9	1763.6	1910.6	1949.2	1868.8
45°	931.2	972.6	1035.0	1119.0	1223.9	1365.3	1527.1	1690.8	1784.6	1722.3	1562.9
47.5°	845.5	885.7	943.6	1025.8	1140.4	1288.4	1441.4	1575.7	1588.9	1454.8	1263.8
50°	789.2	826.9	881.8	969.5	1080.6	1225.2	1372.8	1478.4	1445.6	1282.0	1085.0
52.5°	734.4	770.6	822.0	904.8	1018.4	1159.9	1291.7	1374.6	1298.9	1124.9	947.6
55°	653.3	687.9	739.8	815.7	918.9	1048.5	1164.0	1194.3	1083.2	907.8	764.5
57.5°	576.4	601.7	653.0	720.2	819.6	933.9	1016.7	1011.2	888.6	730.6	627.9
60°	525.5	548.3	597.1	658.9	753.4	855.9	913.9	889.2	765.1	634.8	536.0
62.5°	478.1	499.5	540.3	597.1	678.3	767.5	809.7	775.6	658.4	543.9	465.3
65°	406.3	421.8	454.5	507.0	570.6	632.3	670.0	620.0	516.3	429.8	370.5
67.5°	339.3	352.6	381.8	419.4	463.3	505.9	521.2	474.3	393.6	335.3	293.6
70°	295.8	308.2	327.9	363.1	392.1	422.4	429.8	387.8	320.5	276.0	250.1
72.5°	254.3	265.6	283.0	307.8	327.9	345.3	348.8	309.7	258.3	227.6	207.6
75°	193.9	203.7	214.9	224.2	237.1	240.2	239.0	208.7	180.9	160.6	149.4
77.5°	142.5	146.6	153.4	157.1	157.7	157.5	151.1	132.1	117.7	109.3	104.7
80°	110.0	113.0	114.9	116.1	116.7	110.5	103.8	92.0	87.1	82.1	76.6
82.5°	79.8	81.9	83.7	84.0	80.6	75.5	69.2	63.4	59.9	57.4	55.3
85°	43.3	43.8	43.3	40.2	35.8	34.0	32.7	31.5	30.9	30.3	30.3
87.5°	15.5	14.3	12.0	12.6	12.8	12.4	12.5	12.2	11.8	11.9	12.0
90°	1.3	2.1	2.9	3.6	4.4	5.1	5.9	6.5	7.2	7.8	8.2
92.5°	11.5	12.0	12.6	13.2	13.9	14.7	15.6	16.5	17.3	18.0	18.7
95°	29.5	29.8	29.9	30.2	30.8	31.8	32.8	33.8	34.8	35.5	36.2
97.5°	48.9	49.0	49.0	49.1	49.8	51.3	52.6	54.0	55.4	56.1	56.7
100°	63.3	63.3	63.3	63.3	63.9	65.2	66.5	67.8	69.2	70.0	71.0
102.5°	79.2	79.6	80.0	80.4	81.0	81.6	82.3	82.9	83.6	84.6	85.6
105°	103.5	104.0	104.6	105.0	105.6	106.2	106.8	107.4	108.0	108.6	109.2
107.5°	130.3	130.8	131.3	131.8	132.3	132.8	133.2	133.6	134.1	134.4	134.8
110°	148.7	149.2	149.7	150.3	150.7	150.9	151.2	151.5	151.9	152.2	152.4



TEST NUMBER: P333617-927

CATALOG NUMBER: S125RDIP-S1270D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	167.3	167.5	167.8	168.1	168.4	168.8	169.1	169.5	169.9	170.1	170.2
115°	195.2	195.6	196.0	196.4	196.7	196.9	197.1	197.3	197.5	197.4	197.3
117.5°	222.8	223.0	223.2	223.3	223.6	223.7	223.9	224.0	224.3	224.3	224.4
120°	240.5	241.0	241.5	242.0	242.2	242.4	242.5	242.6	242.6	242.6	242.6
122.5°	259.0	259.1	259.3	259.5	259.7	260.0	260.2	260.5	260.8	260.7	260.6
125°	284.9	285.4	286.1	286.7	287.0	287.1	287.2	287.3	287.4	287.2	287.0
127.5°	311.7	312.0	312.4	312.8	313.0	313.1	313.2	313.3	313.5	313.4	313.2
130°	328.1	328.7	329.2	329.6	330.0	330.2	330.4	330.6	330.8	330.7	330.6
132.5°	344.8	345.5	346.3	347.2	347.6	347.5	347.5	347.5	347.5	347.4	347.2
135°	370.3	370.9	371.5	372.1	372.4	372.6	372.6	372.7	372.8	372.8	372.8
137.5°	394.5	395.1	395.6	396.2	396.6	396.9	397.0	397.3	397.5	397.6	397.8
140°	410.0	410.4	410.9	411.5	411.9	412.2	412.5	412.7	413.0	413.3	413.4
142.5°	425.4	425.8	426.3	426.7	427.1	427.5	427.9	428.3	428.6	428.7	428.8
145°	448.2	448.7	449.1	449.5	449.8	450.1	450.4	450.8	451.0	451.0	451.0
147.5°	469.2	469.4	469.7	469.9	470.1	470.3	470.6	470.9	471.1	471.3	471.6
150°	483.0	482.9	482.8	482.7	482.8	483.2	483.6	484.0	484.4	484.4	484.4
152.5°	494.8	495.0	495.1	495.2	495.4	495.5	495.7	495.8	496.1	496.3	496.5
155°	512.5	512.5	512.5	512.5	512.5	512.6	512.7	512.9	512.9	513.3	513.7
157.5°	528.1	527.9	527.8	527.5	527.4	527.5	527.7	527.8	527.8	528.2	528.6
160°	537.5	537.2	536.9	536.5	536.5	536.5	536.7	536.8	536.9	537.3	537.7
162.5°	545.9	545.7	545.4	545.2	545.1	545.1	545.2	545.2	545.2	545.7	546.1
165°	557.0	556.8	556.6	556.4	556.3	556.4	556.6	556.7	556.7	557.1	557.5
167.5°	566.3	565.8	565.4	565.0	564.8	564.8	564.8	564.8	564.8	565.4	566.0
170°	571.2	570.8	570.5	570.1	569.9	569.9	569.9	569.9	569.9	570.5	571.1
172.5°	574.9	574.5	574.1	573.7	573.5	573.5	573.5	573.5	573.5	574.1	574.7
175°	578.9	578.5	578.1	577.7	577.6	577.6	577.6	577.6	577.6	578.1	578.8
177.5°	581.1	580.8	580.5	580.1	580.0	579.9	579.8	579.7	579.6	580.1	580.6
180°	580.7	580.7	580.7	580.7	580.7	580.7	580.7	580.7	580.7	580.7	580.7



TEST NUMBER: P333617-927

CATALOG NUMBER: S125RDIP-S1270D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3
2.5°	1569.9	1569.9	1578.3	1577.9	1583.3	1581.4	1582.3
5°	1687.7	1698.2	1707.5	1713.6	1722.8	1725.4	1724.1
7.5°	1809.7	1833.0	1844.4	1860.0	1862.8	1871.0	1870.1
10°	1885.3	1908.1	1925.4	1939.0	1945.8	1954.5	1955.0
12.5°	1944.6	1964.0	1979.3	1991.9	2000.1	2002.9	2004.5
15°	1990.8	2012.5	2030.4	2048.3	2058.8	2066.8	2071.2
17.5°	2037.6	2070.9	2102.5	2126.9	2141.4	2153.8	2153.6
20°	2073.6	2111.9	2151.4	2179.2	2207.7	2219.9	2221.8
22.5°	2112.1	2170.7	2221.6	2264.7	2302.0	2314.8	2319.7
25°	2192.2	2268.7	2347.2	2407.7	2450.9	2476.2	2479.9
27.5°	2288.9	2392.5	2475.0	2530.9	2566.7	2585.5	2589.6
30°	2357.1	2452.8	2526.9	2568.9	2585.5	2588.0	2578.7
32.5°	2387.7	2459.2	2488.8	2486.3	2453.6	2431.9	2423.6
35°	2350.2	2335.4	2263.2	2176.8	2110.7	2068.7	2057.5
37.5°	2138.8	2011.0	1878.1	1747.5	1677.9	1642.6	1581.8
40°	1930.4	1748.2	1609.9	1499.9	1421.5	1358.5	1343.7
42.5°	1695.2	1507.1	1368.8	1274.7	1212.0	1168.9	1150.1
45°	1362.2	1200.5	1086.2	1014.0	965.8	934.3	920.1
47.5°	1089.6	964.3	881.1	827.6	790.9	763.5	755.8
50°	939.8	839.8	769.4	724.4	696.6	675.6	666.9
52.5°	816.3	735.6	681.5	644.3	618.0	604.9	597.8
55°	673.7	604.0	565.1	535.4	520.5	510.1	505.1
57.5°	551.0	500.6	472.1	451.6	437.9	431.3	428.8
60°	482.3	442.8	416.8	400.8	391.5	382.9	380.4
62.5°	421.5	390.4	370.4	356.3	347.1	343.3	341.8
65°	339.6	319.2	304.4	295.8	288.4	287.2	286.5
67.5°	270.0	258.0	250.3	241.2	238.6	234.2	233.5
70°	230.9	222.9	213.7	210.6	207.5	203.2	203.7
72.5°	195.9	187.8	181.6	177.4	176.3	174.5	176.1
75°	143.2	140.8	138.3	135.2	134.0	134.0	133.4
77.5°	102.3	100.1	97.4	95.6	95.2	92.6	93.6
80°	74.1	71.0	69.8	70.4	68.5	67.9	67.9
82.5°	54.8	53.7	52.5	52.6	52.2	51.7	52.1
85°	30.3	29.6	29.6	29.0	29.0	28.4	28.4
87.5°	12.6	13.2	12.3	11.9	12.0	12.5	13.1
90°	8.7	9.3	9.7	10.0	10.2	10.5	10.9
92.5°	19.3	20.0	20.4	20.7	20.9	21.1	21.3
95°	36.9	37.6	38.0	38.3	38.5	38.7	38.9
97.5°	57.4	58.1	58.5	58.5	58.7	58.8	58.9
100°	71.9	72.7	73.3	73.5	73.8	73.9	74.1
102.5°	86.6	87.5	88.2	88.5	88.7	89.0	89.3
105°	109.8	110.4	110.9	111.1	111.5	111.8	112.1
107.5°	135.1	135.3	135.5	135.5	135.5	135.4	135.4
110°	152.7	153.0	153.1	153.0	153.0	152.8	152.7



TEST NUMBER: P333617-927

CATALOG NUMBER: S125RDIP-S1270D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	170.3	170.5	170.5	170.3	170.1	169.9	169.8
115°	197.2	197.1	197.0	196.9	196.8	196.7	196.6
117.5°	224.5	224.6	224.4	224.0	223.6	223.2	222.8
120°	242.6	242.6	242.5	242.1	241.7	241.3	240.9
122.5°	260.5	260.5	260.2	259.9	259.6	259.3	259.0
125°	286.8	286.6	286.5	286.4	286.3	286.1	286.1
127.5°	313.1	313.1	312.9	312.7	312.5	312.3	312.1
130°	330.5	330.4	330.3	330.0	329.9	329.6	329.5
132.5°	347.1	347.1	346.8	346.6	346.3	346.0	345.7
135°	372.8	372.8	372.6	372.2	371.9	371.5	371.1
137.5°	397.8	398.0	397.8	397.3	396.8	396.3	395.8
140°	413.7	413.8	413.7	413.2	412.7	412.2	411.7
142.5°	429.0	429.0	428.9	428.4	427.9	427.4	426.9
145°	451.0	451.0	450.8	450.6	450.3	450.0	449.6
147.5°	471.8	472.1	471.8	471.1	470.5	469.8	469.1
150°	484.4	484.4	484.3	484.2	483.9	483.8	483.5
152.5°	496.8	497.0	496.9	496.5	496.2	495.8	495.5
155°	514.1	514.5	514.5	514.0	513.5	512.9	512.5
157.5°	529.0	529.4	529.3	528.6	528.0	527.4	526.6
160°	538.1	538.4	538.4	538.0	537.4	536.9	536.5
162.5°	546.6	547.2	547.1	546.5	545.9	545.3	544.7
165°	557.9	558.4	558.3	557.7	557.1	556.4	555.9
167.5°	566.6	567.2	567.2	566.6	565.9	565.3	564.7
170°	571.6	572.3	572.2	571.6	570.8	570.1	569.4
172.5°	575.3	575.9	575.9	575.3	574.6	574.0	573.4
175°	579.3	580.0	579.9	579.2	578.5	577.8	577.1
177.5°	581.1	581.5	581.5	581.0	580.4	579.8	579.2
180°	580.7	580.7	580.7	580.7	580.7	580.7	580.7

(END OF REPORT)