

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: P333610

Luminaire Tested: **S125RDIP-S1270D365U835-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333610
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-7,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125RDIP-S1270D365U835-4F0-1E-UDD-A
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1270 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 365 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6385.0 lumens
Efficiency: N/A
Efficacy: 128.2 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

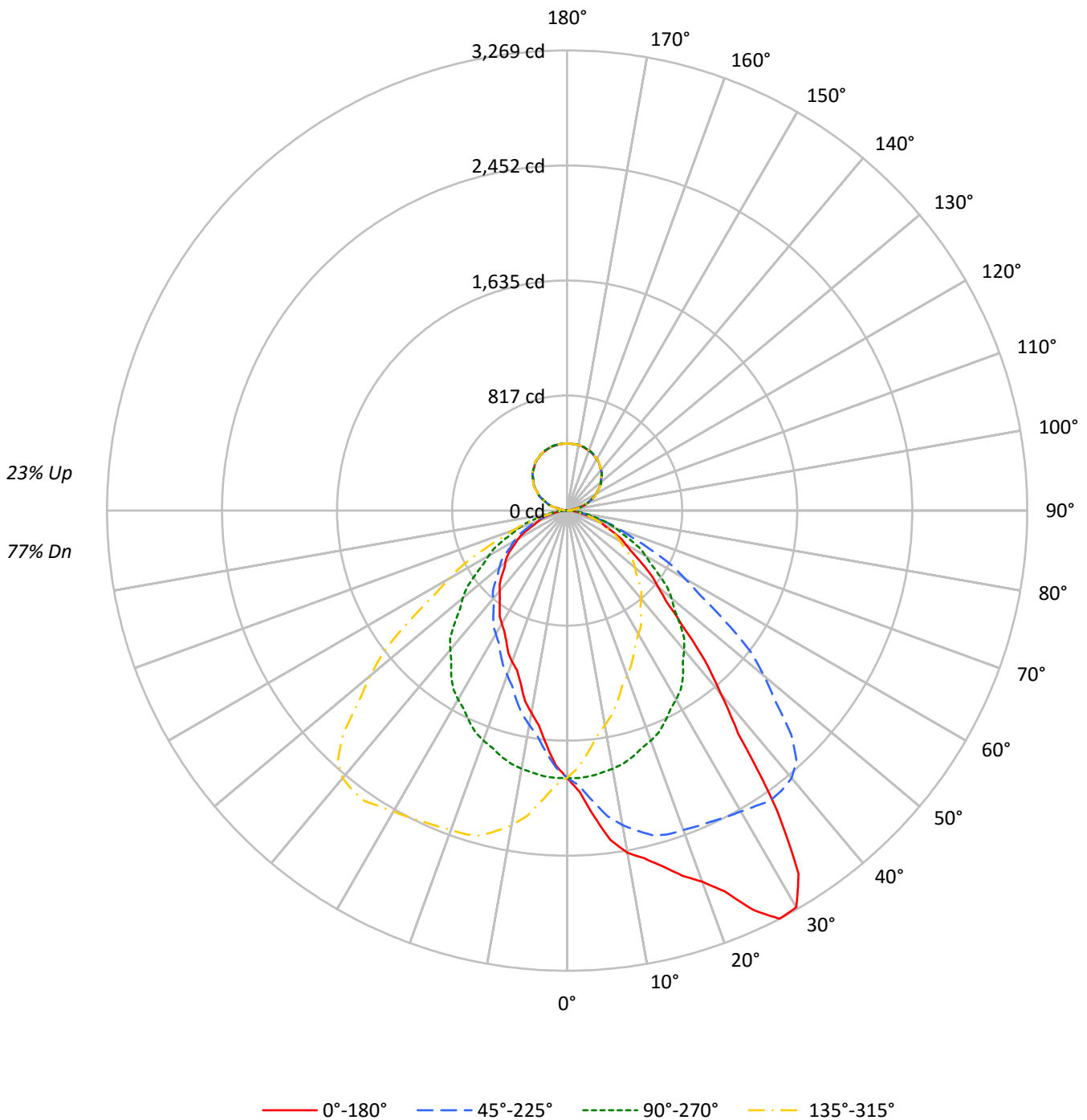
Input Watts (W): 49.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	108	108	108	108	98	98	98	89	89	89	81	81	81	77
1	105	100	97	93	100	96	92	89	87	85	82	80	78	76	73	71	70	66
2	96	88	82	77	91	85	79	74	77	73	69	71	67	64	65	62	60	57
3	88	78	71	65	83	75	68	63	69	63	59	63	59	55	58	54	51	49
4	81	70	62	56	77	67	60	54	62	56	51	57	52	48	52	48	45	42
5	74	62	54	48	71	60	52	47	55	49	44	51	46	42	47	43	39	37
6	69	56	48	42	65	54	47	41	50	44	39	46	41	37	43	38	35	32
7	64	51	43	37	61	49	42	36	46	39	35	42	37	33	39	35	31	29
8	59	47	39	33	56	45	38	32	42	35	31	39	33	29	36	31	28	26
9	55	43	35	30	53	41	34	29	38	32	28	36	30	27	33	29	25	23
10	52	39	32	27	49	38	31	26	36	29	25	33	28	24	31	26	23	21

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12264	12264	12264	12264
5°	14110	12280	10845	12280
10°	16184	12218	9569	12218
15°	17481	12092	8506	12092
20°	19276	11947	7854	11947
25°	22308	11754	7288	11754
30°	24276	11551	6918	11551
35°	20478	11315	6576	11315
40°	14300	10890	6283	10890
45°	10609	10316	5994	10316
50°	8459	9720	5749	9720
55°	7179	8979	5530	8979
60°	6203	8317	5176	8317
65°	5527	7600	4455	7600
70°	4857	6962	4062	6962
75°	4202	6029	3813	6029
80°	3187	5073	3187	5073
85°	2660	3987	3001	3987



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	182.1	2.9
10°-20°	533.6	8.4
20°-30°	846.1	13.3
30°-40°	1020.3	16.0
40°-50°	911.2	14.3
50°-60°	698.8	10.9
60°-70°	454.1	7.1
70°-80°	220.8	3.5
80°-90°	53.7	0.8
90°-100°	17.3	0.3
100°-110°	106.8	1.7
110°-120°	193.7	3.0
120°-130°	248.6	3.9
130°-140°	267.4	4.2
140°-150°	251.0	3.9
150°-160°	203.0	3.2
160°-170°	131.3	2.1
170°-180°	45.3	0.7
0°-30°	1561.8	24.5
0°-40°	2582.2	40.4
0°-60°	4192.1	65.7
0°-90°	4920.7	77.1
90°-120°	317.8	5.0
90°-150°	1084.7	17.0
90°-180°	1464.0	22.9
0°-180°	6385.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1899	1899	1899	1899	1899	
5°	2176	1894	1673	1894	2176	217
15°	2614	1808	1272	1808	2614	749
25°	3130	1649	1023	1649	3130	1437
35°	2597	1435	834	1435	2597	1569
45°	1162	1130	656	1130	1162	927
55°	638	797	491	797	638	579
65°	362	497	292	497	362	360
75°	168	242	153	242	168	179
85°	36	54	40	54	36	41
90°	8	0	8	0	8	6
95°	7	20	7	20	7	6
105°	105	104	105	104	105	95
115°	194	195	194	195	194	192
125°	278	278	278	278	278	247
135°	345	346	345	346	345	266
145°	400	401	400	401	400	250
155°	439	442	439	442	439	202
165°	464	466	464	466	464	131
175°	475	477	475	477	475	45
180°	477	477	477	477	477	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9
2.5°	1997.4	1996.2	1998.7	1991.8	1992.4	1981.8	1981.8	1973.7	1963.1	1955.0	1951.3
5°	2176.4	2178.0	2174.8	2163.1	2155.4	2143.7	2130.4	2107.0	2087.5	2068.8	2054.0
7.5°	2360.7	2361.8	2351.5	2347.9	2328.2	2313.9	2284.4	2252.6	2224.4	2188.6	2161.1
10°	2467.9	2467.2	2456.2	2447.7	2430.5	2408.7	2379.9	2342.4	2307.4	2268.4	2231.0
12.5°	2530.3	2528.3	2524.8	2514.4	2498.5	2479.2	2454.7	2417.9	2374.7	2332.0	2288.3
15°	2614.5	2609.0	2598.9	2585.6	2563.0	2540.4	2513.1	2480.4	2439.1	2390.8	2350.2
17.5°	2718.6	2718.8	2703.2	2684.8	2654.1	2614.2	2572.1	2519.2	2463.1	2409.9	2366.8
20°	2804.7	2802.3	2786.8	2750.9	2715.8	2665.9	2617.6	2552.9	2484.3	2414.9	2361.1
22.5°	2928.2	2922.1	2905.9	2858.8	2804.4	2740.1	2666.2	2587.2	2504.3	2425.5	2354.9
25°	3130.5	3125.8	3093.9	3039.3	2962.9	2863.9	2767.3	2658.9	2539.7	2436.0	2350.2
27.5°	3269.0	3263.8	3240.1	3194.8	3124.3	3020.1	2889.3	2744.5	2595.6	2453.0	2329.3
30°	3255.2	3266.9	3263.8	3242.8	3189.8	3096.2	2975.4	2812.5	2635.5	2467.9	2320.6
32.5°	3059.4	3069.9	3097.3	3138.6	3141.7	3104.3	3014.1	2863.6	2680.4	2489.8	2313.7
35°	2597.3	2611.4	2664.4	2747.8	2856.9	2948.1	2966.8	2885.8	2721.3	2516.3	2303.5
37.5°	1996.8	2073.5	2118.1	2205.9	2370.8	2538.6	2699.9	2759.3	2689.3	2505.4	2286.8
40°	1696.2	1714.9	1794.4	1893.4	2032.2	2206.8	2436.8	2602.8	2608.2	2480.4	2260.6
42.5°	1451.8	1475.5	1530.0	1609.1	1727.9	1902.5	2139.9	2359.0	2460.5	2411.8	2226.3
45°	1161.5	1179.4	1219.2	1280.0	1371.2	1515.4	1719.6	1972.9	2174.1	2252.8	2134.3
47.5°	954.1	963.8	998.4	1044.7	1112.2	1217.3	1375.4	1595.3	1836.5	2005.7	1989.0
50°	841.9	852.8	879.3	914.4	971.3	1060.1	1186.4	1369.6	1618.3	1824.8	1866.2
52.5°	754.6	763.6	780.1	813.3	860.3	928.6	1030.5	1196.2	1420.0	1639.6	1735.2
55°	637.6	643.9	657.1	675.8	713.3	762.4	850.4	965.0	1145.9	1367.3	1507.6
57.5°	541.3	544.4	552.8	570.1	596.0	631.9	695.5	792.6	922.3	1121.7	1276.5
60°	480.2	483.3	494.2	505.9	526.2	558.9	608.8	676.6	801.3	965.8	1122.5
62.5°	431.5	433.4	438.1	449.8	467.6	492.8	532.1	587.4	686.6	831.1	979.1
65°	361.7	362.5	364.0	373.4	384.3	403.0	428.7	467.7	542.5	651.7	782.6
67.5°	294.7	295.7	301.2	304.5	315.9	325.7	340.8	370.6	423.3	496.9	598.7
70°	257.2	256.5	261.9	265.8	269.7	281.4	291.5	315.7	348.4	404.6	489.5
72.5°	222.3	220.3	222.6	224.0	229.2	237.1	247.3	262.1	287.3	326.0	391.0
75°	168.4	169.2	169.2	170.7	174.6	177.7	180.8	188.6	202.7	228.4	263.5
77.5°	118.2	116.9	120.2	120.7	123.0	126.4	129.1	132.2	138.0	148.6	166.7
80°	85.7	85.7	86.5	88.9	88.1	89.6	93.5	96.7	103.7	109.9	116.1
82.5°	65.8	65.2	65.9	66.4	66.3	67.8	69.2	69.8	72.5	75.6	80.0
85°	35.9	35.9	36.6	36.6	37.4	37.4	38.2	38.2	38.2	39.0	39.8
87.5°	15.4	14.7	14.1	14.0	14.6	15.8	15.1	14.4	14.3	14.2	14.7
90°	8.5	8.2	8.0	7.8	7.5	7.2	6.8	6.4	6.0	5.7	5.1
92.5°	7.9	7.8	7.7	7.6	7.5	7.2	6.8	6.4	6.0	5.7	5.2
95°	7.4	7.4	7.4	7.4	7.4	7.2	6.8	6.4	6.0	5.7	8.6
97.5°	7.4	7.4	7.4	7.4	7.4	8.5	10.7	13.0	15.2	17.4	23.3
100°	7.4	7.7	8.1	8.4	8.7	14.7	26.4	38.1	49.8	61.5	61.2
102.5°	44.5	49.8	55.2	60.5	65.8	69.6	71.8	74.0	76.3	78.5	78.3
105°	105.0	105.1	105.1	105.2	105.3	105.3	105.3	105.3	105.3	105.3	105.3
107.5°	132.3	132.6	132.8	133.1	133.3	133.4	133.4	133.4	133.3	133.3	133.2
110°	151.3	151.2	151.1	151.1	151.0	151.1	151.3	151.5	151.8	152.0	151.8



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	168.3	168.4	168.5	168.6	168.7	168.9	169.2	169.5	169.8	170.1	170.0
115°	193.7	194.2	194.7	195.1	195.6	196.0	196.3	196.6	196.9	197.2	197.2
117.5°	220.9	221.1	221.3	221.5	221.7	222.0	222.4	222.8	223.2	223.6	223.3
120°	237.5	237.9	238.3	238.7	239.1	239.4	239.5	239.7	239.9	240.0	239.8
122.5°	253.4	253.8	254.3	254.7	255.2	255.5	255.7	255.8	256.0	256.1	256.0
125°	277.5	277.7	278.0	278.2	278.4	278.7	279.0	279.3	279.6	280.0	280.0
127.5°	297.8	298.4	298.9	299.5	300.1	300.5	300.6	300.8	301.0	301.2	301.2
130°	312.5	312.9	313.3	313.7	314.0	314.4	314.6	314.8	315.1	315.3	315.2
132.5°	326.1	326.4	326.8	327.2	327.6	327.8	327.9	327.9	328.0	328.0	328.2
135°	344.6	345.1	345.6	346.1	346.5	346.8	347.0	347.2	347.3	347.5	347.6
137.5°	363.3	363.7	364.1	364.5	364.9	365.1	365.1	365.1	365.0	365.0	365.1
140°	374.3	374.8	375.3	375.8	376.2	376.4	376.2	376.1	375.9	375.8	375.8
142.5°	384.8	385.3	385.7	386.2	386.7	386.9	386.9	386.8	386.8	386.8	386.7
145°	400.1	400.6	401.1	401.6	402.0	402.2	402.1	402.1	402.0	401.9	401.9
147.5°	412.8	413.4	413.9	414.5	415.1	415.3	415.2	415.1	415.0	414.9	414.8
150°	421.0	421.6	422.3	422.9	423.5	423.7	423.6	423.4	423.3	423.1	423.0
152.5°	428.6	429.2	429.8	430.3	430.9	431.1	430.9	430.8	430.6	430.5	430.3
155°	438.7	439.3	439.9	440.6	441.2	441.4	441.1	440.9	440.7	440.4	440.3
157.5°	447.1	447.7	448.3	449.0	449.6	449.8	449.5	449.3	449.0	448.8	448.8
160°	452.5	453.1	453.7	454.3	455.0	455.1	454.8	454.5	454.2	453.9	453.8
162.5°	457.3	458.0	458.6	459.3	460.0	460.2	459.7	459.3	458.8	458.4	458.3
165°	463.8	464.4	465.0	465.7	466.3	466.4	465.9	465.4	464.9	464.5	464.4
167.5°	468.3	469.0	469.7	470.4	471.1	471.2	470.6	470.1	469.5	468.9	468.9
170°	470.8	471.5	472.3	473.0	473.7	473.7	473.1	472.4	471.8	471.2	471.1
172.5°	472.5	473.2	473.9	474.7	475.4	475.4	474.9	474.3	473.7	473.2	473.0
175°	474.7	475.4	476.1	476.8	477.6	477.6	477.0	476.3	475.7	475.1	475.0
177.5°	476.0	476.5	477.0	477.5	478.0	478.0	477.6	477.2	476.7	476.3	476.2
180°	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9
2.5°	1951.3	1946.9	1938.8	1931.3	1922.0	1913.9	1908.2	1901.4	1892.7	1882.1	1873.3
5°	2037.6	2020.5	1997.9	1978.4	1953.5	1934.0	1913.7	1894.2	1874.7	1849.8	1828.0
7.5°	2133.4	2098.0	2063.5	2020.2	1980.9	1945.8	1912.1	1878.0	1844.6	1809.2	1775.1
10°	2192.0	2149.1	2101.6	2047.0	1997.1	1949.6	1905.9	1863.0	1817.8	1778.1	1735.2
12.5°	2246.9	2191.5	2137.1	2068.2	2008.3	1950.2	1894.7	1841.2	1792.9	1741.3	1695.3
15°	2296.4	2241.9	2181.1	2096.9	2013.5	1943.3	1877.8	1808.5	1748.4	1690.8	1639.3
17.5°	2315.6	2258.4	2187.8	2106.9	2015.7	1927.4	1843.1	1767.0	1696.4	1629.2	1571.3
20°	2308.1	2252.8	2180.3	2103.1	2005.7	1913.7	1822.5	1738.3	1659.6	1588.6	1527.1
22.5°	2290.1	2232.8	2162.8	2081.3	1988.8	1891.3	1793.8	1704.0	1621.5	1548.1	1480.9
25°	2262.9	2185.0	2113.3	2033.7	1945.7	1849.0	1748.4	1649.4	1561.4	1486.5	1413.3
27.5°	2234.7	2137.4	2046.2	1967.2	1874.1	1787.9	1690.9	1589.4	1496.8	1420.6	1345.4
30°	2209.1	2100.0	1999.4	1909.8	1821.7	1739.9	1647.9	1548.9	1453.8	1375.1	1298.7
32.5°	2177.3	2061.3	1950.8	1847.4	1762.5	1681.3	1598.0	1503.4	1410.8	1329.5	1251.9
35°	2137.4	1989.3	1869.3	1759.4	1665.0	1586.3	1511.5	1435.1	1342.3	1258.1	1182.5
37.5°	2085.0	1917.0	1778.1	1658.3	1558.9	1479.8	1420.7	1350.9	1266.2	1185.6	1115.5
40°	2053.2	1864.6	1712.6	1594.1	1489.6	1406.2	1350.9	1291.7	1214.5	1138.9	1068.7
42.5°	2010.8	1816.6	1646.5	1523.0	1417.9	1337.6	1281.7	1229.9	1165.2	1094.0	1018.8
45°	1927.7	1723.5	1545.0	1412.5	1306.5	1227.7	1175.5	1129.5	1080.4	1014.9	949.4
47.5°	1819.5	1626.4	1439.6	1294.9	1191.1	1118.0	1067.3	1031.0	995.9	940.2	876.6
50°	1732.9	1546.6	1364.1	1223.8	1113.1	1043.8	996.2	967.4	935.4	884.7	831.7
52.5°	1630.6	1464.2	1285.6	1142.1	1037.7	972.7	927.0	898.2	871.8	830.5	780.0
55°	1469.4	1323.6	1159.9	1029.7	933.9	868.4	824.7	797.4	781.9	746.8	707.0
57.5°	1283.4	1178.9	1034.6	909.1	824.3	759.6	727.6	704.4	686.8	662.0	633.9
60°	1153.7	1080.4	951.0	831.7	753.8	692.2	663.4	643.9	627.5	606.5	584.6
62.5°	1022.1	968.8	856.2	753.8	682.1	630.5	603.5	585.9	567.0	552.8	531.6
65°	845.8	798.2	720.3	640.0	573.7	532.4	512.9	497.3	485.6	470.0	455.2
67.5°	657.9	638.6	584.8	529.4	481.9	445.1	428.3	417.4	403.3	394.0	383.8
70°	542.5	533.2	495.0	458.4	413.9	389.0	373.4	368.7	351.6	342.2	335.2
72.5°	440.3	435.9	413.9	388.5	357.2	335.3	321.0	315.7	304.8	297.3	292.8
75°	301.7	303.2	299.3	283.0	271.3	257.2	244.8	241.6	233.9	227.6	223.7
77.5°	190.8	198.8	199.1	198.3	193.6	185.1	179.9	177.6	169.9	167.6	166.7
80°	131.0	139.5	147.3	146.5	145.0	142.7	138.8	136.4	132.5	130.2	128.6
82.5°	87.3	95.3	101.8	106.0	105.7	103.4	100.7	99.6	98.8	97.1	96.8
85°	41.3	42.9	45.2	50.7	54.6	55.3	54.6	53.8	51.4	52.2	53.0
87.5°	15.3	15.1	15.7	15.5	14.8	17.8	19.5	20.0	18.9	17.8	16.7
90°	4.6	4.0	3.5	2.9	2.2	1.6	1.0	0.4	1.0	1.6	2.2
92.5°	4.7	4.2	3.7	3.7	4.1	4.6	5.0	5.4	5.0	4.6	4.1
95°	11.6	14.6	17.6	19.2	19.4	19.7	19.9	20.1	19.9	19.7	19.4
97.5°	29.2	35.1	41.0	43.8	43.3	42.9	42.5	42.1	42.5	42.9	43.3
100°	60.9	60.6	60.2	60.0	59.7	59.5	59.3	59.0	59.3	59.5	59.7
102.5°	78.1	77.9	77.7	77.5	77.2	76.9	76.6	76.3	76.6	76.9	77.2
105°	105.3	105.3	105.3	105.2	104.9	104.6	104.2	103.9	104.2	104.6	104.9
107.5°	133.0	132.9	132.7	132.6	132.6	132.6	132.6	132.6	132.6	132.6	132.6
110°	151.7	151.5	151.4	151.3	151.3	151.3	151.3	151.3	151.3	151.3	151.3



TEST NUMBER: P333610

CATALOG NUMBER: S125RDIP-S1270D365U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	169.9	169.8	169.7	169.6	169.4	169.2	169.0	168.8	169.0	169.2	169.4
115°	197.1	197.0	196.9	196.7	196.3	195.9	195.5	195.1	195.5	195.9	196.3
117.5°	223.0	222.7	222.4	222.3	222.3	222.3	222.3	222.3	222.3	222.3	222.3
120°	239.5	239.3	239.1	239.0	239.1	239.2	239.2	239.3	239.2	239.2	239.1
122.5°	255.9	255.8	255.7	255.5	255.2	254.9	254.6	254.3	254.6	254.9	255.2
125°	280.0	280.0	280.0	279.7	279.1	278.6	278.0	277.5	278.0	278.6	279.1
127.5°	301.3	301.3	301.4	301.2	300.8	300.4	300.0	299.6	300.0	300.4	300.8
130°	315.1	315.1	315.0	314.8	314.4	314.0	313.6	313.2	313.6	314.0	314.4
132.5°	328.4	328.6	328.7	328.6	328.1	327.7	327.2	326.8	327.2	327.7	328.1
135°	347.8	347.9	348.1	347.9	347.5	347.0	346.5	346.1	346.5	347.0	347.5
137.5°	365.3	365.4	365.6	365.4	365.0	364.6	364.2	363.8	364.2	364.6	365.0
140°	375.9	376.0	376.1	376.0	375.9	375.7	375.6	375.4	375.6	375.7	375.9
142.5°	386.6	386.5	386.3	386.2	386.1	386.1	386.0	385.9	386.0	386.1	386.1
145°	401.9	401.9	401.9	401.8	401.7	401.5	401.4	401.2	401.4	401.5	401.7
147.5°	414.7	414.6	414.5	414.5	414.5	414.6	414.6	414.6	414.6	414.6	414.5
150°	422.8	422.6	422.5	422.5	422.6	422.8	423.0	423.1	423.0	422.8	422.6
152.5°	430.2	430.0	429.8	429.9	430.3	430.6	431.0	431.3	431.0	430.6	430.3
155°	440.1	440.0	439.8	440.0	440.4	440.9	441.4	441.9	441.4	440.9	440.4
157.5°	448.8	448.7	448.7	448.9	449.1	449.4	449.7	450.0	449.7	449.4	449.1
160°	453.7	453.6	453.6	453.8	454.2	454.7	455.2	455.6	455.2	454.7	454.2
162.5°	458.2	458.2	458.1	458.3	458.7	459.2	459.7	460.2	459.7	459.2	458.7
165°	464.3	464.2	464.2	464.4	464.8	465.3	465.8	466.2	465.8	465.3	464.8
167.5°	468.8	468.7	468.6	468.8	469.3	469.8	470.3	470.8	470.3	469.8	469.3
170°	471.0	471.0	470.9	471.1	471.7	472.2	472.8	473.3	472.8	472.2	471.7
172.5°	472.9	472.7	472.6	472.8	473.4	473.9	474.5	475.0	474.5	473.9	473.4
175°	474.9	474.8	474.8	475.0	475.4	475.9	476.4	476.8	476.4	475.9	475.4
177.5°	476.2	476.1	476.0	476.2	476.6	476.9	477.3	477.7	477.3	476.9	476.6
180°	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8



TEST NUMBER: P333610

CATALOG NUMBER: S125RDIP-S1270D365U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9
2.5°	1867.1	1858.4	1852.1	1839.6	1830.9	1827.2	1820.3	1818.4	1825.3	1820.3	1819.7
5°	1811.6	1789.0	1771.1	1753.1	1733.6	1721.2	1702.5	1699.3	1694.7	1687.6	1686.1
7.5°	1745.0	1715.6	1692.5	1662.9	1637.1	1616.4	1593.0	1581.9	1575.9	1566.8	1554.7
10°	1700.1	1665.0	1633.9	1604.2	1572.3	1546.6	1523.2	1505.2	1493.5	1482.6	1478.0
12.5°	1655.8	1620.1	1580.2	1544.4	1508.7	1479.8	1453.9	1442.3	1429.3	1416.5	1405.6
15°	1587.1	1539.5	1495.9	1454.6	1424.2	1393.0	1368.0	1350.9	1331.4	1326.0	1304.9
17.5°	1514.1	1467.5	1416.4	1372.9	1337.6	1303.3	1275.9	1256.4	1241.8	1221.7	1212.0
20°	1468.6	1413.3	1363.4	1323.6	1284.6	1244.1	1216.0	1199.7	1185.6	1169.3	1161.5
22.5°	1420.0	1365.9	1314.7	1268.1	1228.5	1188.6	1168.6	1151.7	1135.7	1120.6	1110.3
25°	1348.6	1294.0	1240.2	1191.9	1150.6	1121.7	1098.3	1078.8	1070.3	1055.5	1044.5
27.5°	1277.9	1219.9	1164.1	1115.9	1083.5	1055.0	1035.8	1020.4	1004.9	992.0	982.5
30°	1232.4	1173.2	1112.4	1074.2	1039.9	1012.6	991.5	976.7	965.0	953.3	946.3
32.5°	1186.9	1125.8	1071.8	1030.5	998.1	974.5	952.9	938.7	926.4	913.4	905.2
35°	1113.9	1051.6	1007.9	967.4	935.4	913.6	898.8	878.5	868.4	859.0	850.4
37.5°	1046.1	988.1	940.9	905.3	877.6	855.9	836.7	825.8	813.3	804.9	797.8
40°	996.2	943.2	900.3	862.9	842.7	818.5	800.6	786.5	777.2	766.3	758.5
42.5°	951.3	902.1	860.4	826.8	801.5	781.1	763.8	749.7	737.9	730.1	723.5
45°	887.9	838.8	798.2	767.0	743.7	724.2	706.2	699.2	683.6	674.3	671.2
47.5°	822.2	778.3	739.1	710.4	686.4	668.0	651.2	636.9	628.3	619.1	614.1
50°	778.0	735.9	699.2	671.2	647.8	627.5	611.9	602.6	590.9	582.3	576.1
52.5°	733.7	694.7	658.1	631.2	611.0	590.7	573.3	563.9	552.8	547.4	543.0
55°	670.4	629.1	597.9	571.4	550.3	531.6	515.3	505.9	498.9	493.4	491.9
57.5°	598.7	565.9	536.9	513.1	491.2	473.6	459.3	450.4	444.2	443.4	438.7
60°	551.9	522.3	495.8	470.0	451.3	435.0	422.5	412.4	406.1	405.3	403.8
62.5°	505.1	476.7	452.1	429.5	412.7	396.9	385.1	373.7	370.0	366.1	362.6
65°	435.7	410.0	389.8	371.8	353.9	340.6	329.0	321.9	313.4	308.7	300.1
67.5°	367.6	347.7	328.2	313.1	299.0	286.4	276.7	266.3	260.5	256.8	250.5
70°	322.7	307.1	287.6	271.3	260.4	250.2	242.4	230.7	226.8	223.7	220.6
72.5°	280.3	266.6	250.2	237.0	226.1	216.5	207.5	202.0	198.2	195.0	193.2
75°	220.6	207.4	193.3	184.0	176.2	168.4	163.7	159.8	158.2	157.5	154.3
77.5°	162.0	155.0	143.7	136.3	131.1	128.0	123.8	121.8	121.6	118.2	117.1
80°	123.9	120.0	110.7	107.6	103.7	100.6	98.2	94.3	90.4	88.9	86.5
82.5°	92.1	88.2	84.5	79.5	76.2	74.4	72.0	70.6	71.1	68.9	67.8
85°	49.1	45.2	43.7	42.9	41.3	42.9	42.1	41.3	40.5	39.8	40.5
87.5°	16.2	16.3	15.8	17.1	15.4	16.1	16.2	15.6	15.7	15.8	15.2
90°	2.9	3.5	4.0	4.6	5.1	5.7	6.0	6.4	6.8	7.2	7.5
92.5°	3.7	3.7	4.2	4.7	5.2	5.7	6.0	6.4	6.8	7.2	7.5
95°	19.2	17.6	14.6	11.6	8.6	5.7	6.0	6.4	6.8	7.2	7.4
97.5°	43.8	41.0	35.1	29.2	23.3	17.4	15.2	13.0	10.7	8.5	7.4
100°	60.0	60.2	60.6	60.9	61.2	61.5	49.8	38.1	26.4	14.7	8.7
102.5°	77.5	77.7	77.9	78.1	78.3	78.5	76.3	74.0	71.8	69.6	65.8
105°	105.2	105.3	105.3	105.3	105.3	105.3	105.3	105.3	105.3	105.3	105.3
107.5°	132.6	132.7	132.9	133.0	133.2	133.3	133.3	133.4	133.4	133.4	133.3
110°	151.3	151.4	151.5	151.7	151.8	152.0	151.8	151.5	151.3	151.1	151.0



TEST NUMBER: P333610

CATALOG NUMBER: S125RDIP-S1270D365U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	169.6	169.7	169.8	169.9	170.0	170.1	169.8	169.5	169.2	168.9	168.7
115°	196.7	196.9	197.0	197.1	197.2	197.2	196.9	196.6	196.3	196.0	195.6
117.5°	222.3	222.4	222.7	223.0	223.3	223.6	223.2	222.8	222.4	222.0	221.7
120°	239.0	239.1	239.3	239.5	239.8	240.0	239.9	239.7	239.5	239.4	239.1
122.5°	255.5	255.7	255.8	255.9	256.0	256.1	256.0	255.8	255.7	255.5	255.2
125°	279.7	280.0	280.0	280.0	280.0	280.0	279.6	279.3	279.0	278.7	278.4
127.5°	301.2	301.4	301.3	301.3	301.2	301.2	301.0	300.8	300.6	300.5	300.1
130°	314.8	315.0	315.1	315.1	315.2	315.3	315.1	314.8	314.6	314.4	314.0
132.5°	328.6	328.7	328.6	328.4	328.2	328.0	328.0	327.9	327.9	327.8	327.6
135°	347.9	348.1	347.9	347.8	347.6	347.5	347.3	347.2	347.0	346.8	346.5
137.5°	365.4	365.6	365.4	365.3	365.1	365.0	365.0	365.1	365.1	365.1	364.9
140°	376.0	376.1	376.0	375.9	375.8	375.8	375.9	376.1	376.2	376.4	376.2
142.5°	386.2	386.3	386.5	386.6	386.7	386.8	386.8	386.8	386.9	386.9	386.7
145°	401.8	401.9	401.9	401.9	401.9	401.9	402.0	402.1	402.1	402.2	402.0
147.5°	414.5	414.5	414.6	414.7	414.8	414.9	415.0	415.1	415.2	415.3	415.1
150°	422.5	422.5	422.6	422.8	423.0	423.1	423.3	423.4	423.6	423.7	423.5
152.5°	429.9	429.8	430.0	430.2	430.3	430.5	430.6	430.8	430.9	431.1	430.9
155°	440.0	439.8	440.0	440.1	440.3	440.4	440.7	440.9	441.1	441.4	441.2
157.5°	448.9	448.7	448.7	448.8	448.8	448.8	449.0	449.3	449.5	449.8	449.6
160°	453.8	453.6	453.6	453.7	453.8	453.9	454.2	454.5	454.8	455.1	455.0
162.5°	458.3	458.1	458.2	458.2	458.3	458.4	458.8	459.3	459.7	460.2	460.0
165°	464.4	464.2	464.2	464.3	464.4	464.5	464.9	465.4	465.9	466.4	466.3
167.5°	468.8	468.6	468.7	468.8	468.9	468.9	469.5	470.1	470.6	471.2	471.1
170°	471.1	470.9	471.0	471.0	471.1	471.2	471.8	472.4	473.1	473.7	473.7
172.5°	472.8	472.6	472.7	472.9	473.0	473.2	473.7	474.3	474.9	475.4	475.4
175°	475.0	474.8	474.8	474.9	475.0	475.1	475.7	476.3	477.0	477.6	477.6
177.5°	476.2	476.0	476.1	476.2	476.2	476.3	476.7	477.2	477.6	478.0	478.0
180°	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8



TEST NUMBER: P333610

CATALOG NUMBER: S125RDIP-S1270D365U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9
2.5°	1819.1	1812.2	1810.3	1812.8	1810.3	1812.2	1819.1	1819.7	1820.3	1825.3	1818.4
5°	1678.3	1670.5	1674.4	1672.8	1674.4	1670.5	1678.3	1686.1	1687.6	1694.7	1699.3
7.5°	1554.5	1544.8	1534.5	1537.8	1534.5	1544.8	1554.5	1554.7	1566.8	1575.9	1581.9
10°	1467.8	1460.0	1455.3	1459.2	1455.3	1460.0	1467.8	1478.0	1482.6	1493.5	1505.2
12.5°	1394.9	1390.2	1386.1	1384.4	1386.1	1390.2	1394.9	1405.6	1416.5	1429.3	1442.3
15°	1295.5	1286.2	1282.3	1272.2	1282.3	1286.2	1295.5	1304.9	1326.0	1331.4	1350.9
17.5°	1204.0	1200.9	1190.8	1186.4	1190.8	1200.9	1204.0	1212.0	1221.7	1241.8	1256.4
20°	1149.8	1146.7	1136.5	1142.8	1136.5	1146.7	1149.8	1161.5	1169.3	1185.6	1199.7
22.5°	1104.9	1098.0	1094.7	1092.9	1094.7	1098.0	1104.9	1110.3	1120.6	1135.7	1151.7
25°	1041.4	1031.3	1027.4	1022.7	1027.4	1031.3	1041.4	1044.5	1055.5	1070.3	1078.8
27.5°	978.1	972.7	967.5	966.3	967.5	972.7	978.1	982.5	992.0	1004.9	1020.4
30°	937.0	931.5	927.6	927.6	927.6	931.5	937.0	946.3	953.3	965.0	976.7
32.5°	900.2	896.0	892.1	891.5	892.1	896.0	900.2	905.2	913.4	926.4	938.7
35°	846.6	840.3	838.8	834.1	838.8	840.3	846.6	850.4	859.0	868.4	878.5
37.5°	790.9	785.7	785.6	785.1	785.6	785.7	790.9	797.8	804.9	813.3	825.8
40°	755.3	751.4	750.7	745.2	750.7	751.4	755.3	758.5	766.3	777.2	786.5
42.5°	717.3	715.3	712.6	710.3	712.6	715.3	717.3	723.5	730.1	737.9	749.7
45°	665.7	660.2	660.2	656.3	660.2	660.2	665.7	671.2	674.3	683.6	699.2
47.5°	612.4	608.2	608.6	604.6	608.6	608.2	612.4	614.1	619.1	628.3	636.9
50°	576.8	574.5	573.7	572.2	573.7	574.5	576.8	576.1	582.3	590.9	602.6
52.5°	541.3	540.2	543.2	539.7	543.2	540.2	541.3	543.0	547.4	552.8	563.9
55°	493.4	491.1	495.8	491.1	495.8	491.1	493.4	491.9	493.4	498.9	505.9
57.5°	438.4	436.2	440.4	438.1	440.4	436.2	438.4	438.7	443.4	444.2	450.4
60°	402.2	397.6	399.9	400.7	399.9	397.6	402.2	403.8	405.3	406.1	412.4
62.5°	359.2	356.4	358.1	354.5	358.1	356.4	359.2	362.6	366.1	370.0	373.7
65°	298.6	296.2	293.1	291.5	293.1	296.2	298.6	300.1	308.7	313.4	321.9
67.5°	250.8	245.2	245.1	246.3	245.1	245.2	250.8	250.5	256.8	260.5	266.3
70°	215.9	215.9	215.1	215.1	215.1	215.9	215.9	220.6	223.7	226.8	230.7
72.5°	191.6	191.0	189.6	189.0	189.6	191.0	191.6	193.2	195.0	198.2	202.0
75°	154.3	155.1	153.6	152.8	153.6	155.1	154.3	154.3	157.5	158.2	159.8
77.5°	114.0	110.7	112.4	110.7	112.4	110.7	114.0	117.1	118.2	121.6	121.8
80°	86.5	85.7	88.1	85.7	88.1	85.7	86.5	86.5	88.9	90.4	94.3
82.5°	68.4	67.7	68.8	67.0	68.8	67.7	68.4	67.8	68.9	71.1	70.6
85°	41.3	40.5	39.8	40.5	39.8	40.5	41.3	40.5	39.8	40.5	41.3
87.5°	15.9	15.3	15.4	15.4	15.4	15.3	15.9	15.2	15.8	15.7	15.6
90°	7.8	8.0	8.2	8.5	8.2	8.0	7.8	7.5	7.2	6.8	6.4
92.5°	7.6	7.7	7.8	7.9	7.8	7.7	7.6	7.5	7.2	6.8	6.4
95°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.2	6.8	6.4
97.5°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	8.5	10.7	13.0
100°	8.4	8.1	7.7	7.4	7.7	8.1	8.4	8.7	14.7	26.4	38.1
102.5°	60.5	55.2	49.8	44.5	49.8	55.2	60.5	65.8	69.6	71.8	74.0
105°	105.2	105.1	105.1	105.0	105.1	105.1	105.2	105.3	105.3	105.3	105.3
107.5°	133.1	132.8	132.6	132.3	132.6	132.8	133.1	133.3	133.4	133.4	133.4
110°	151.1	151.1	151.2	151.3	151.2	151.1	151.1	151.0	151.1	151.3	151.5



TEST NUMBER: P333610

CATALOG NUMBER: S125RDIP-S1270D365U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	168.6	168.5	168.4	168.3	168.4	168.5	168.6	168.7	168.9	169.2	169.5
115°	195.1	194.7	194.2	193.7	194.2	194.7	195.1	195.6	196.0	196.3	196.6
117.5°	221.5	221.3	221.1	220.9	221.1	221.3	221.5	221.7	222.0	222.4	222.8
120°	238.7	238.3	237.9	237.5	237.9	238.3	238.7	239.1	239.4	239.5	239.7
122.5°	254.7	254.3	253.8	253.4	253.8	254.3	254.7	255.2	255.5	255.7	255.8
125°	278.2	278.0	277.7	277.5	277.7	278.0	278.2	278.4	278.7	279.0	279.3
127.5°	299.5	298.9	298.4	297.8	298.4	298.9	299.5	300.1	300.5	300.6	300.8
130°	313.7	313.3	312.9	312.5	312.9	313.3	313.7	314.0	314.4	314.6	314.8
132.5°	327.2	326.8	326.4	326.1	326.4	326.8	327.2	327.6	327.8	327.9	327.9
135°	346.1	345.6	345.1	344.6	345.1	345.6	346.1	346.5	346.8	347.0	347.2
137.5°	364.5	364.1	363.7	363.3	363.7	364.1	364.5	364.9	365.1	365.1	365.1
140°	375.8	375.3	374.8	374.3	374.8	375.3	375.8	376.2	376.4	376.2	376.1
142.5°	386.2	385.7	385.3	384.8	385.3	385.7	386.2	386.7	386.9	386.9	386.8
145°	401.6	401.1	400.6	400.1	400.6	401.1	401.6	402.0	402.2	402.1	402.1
147.5°	414.5	413.9	413.4	412.8	413.4	413.9	414.5	415.1	415.3	415.2	415.1
150°	422.9	422.3	421.6	421.0	421.6	422.3	422.9	423.5	423.7	423.6	423.4
152.5°	430.3	429.8	429.2	428.6	429.2	429.8	430.3	430.9	431.1	430.9	430.8
155°	440.6	439.9	439.3	438.7	439.3	439.9	440.6	441.2	441.4	441.1	440.9
157.5°	449.0	448.3	447.7	447.1	447.7	448.3	449.0	449.6	449.8	449.5	449.3
160°	454.3	453.7	453.1	452.5	453.1	453.7	454.3	455.0	455.1	454.8	454.5
162.5°	459.3	458.6	458.0	457.3	458.0	458.6	459.3	460.0	460.2	459.7	459.3
165°	465.7	465.0	464.4	463.8	464.4	465.0	465.7	466.3	466.4	465.9	465.4
167.5°	470.4	469.7	469.0	468.3	469.0	469.7	470.4	471.1	471.2	470.6	470.1
170°	473.0	472.3	471.5	470.8	471.5	472.3	473.0	473.7	473.7	473.1	472.4
172.5°	474.7	473.9	473.2	472.5	473.2	473.9	474.7	475.4	475.4	474.9	474.3
175°	476.8	476.1	475.4	474.7	475.4	476.1	476.8	477.6	477.6	477.0	476.3
177.5°	477.5	477.0	476.5	476.0	476.5	477.0	477.5	478.0	478.0	477.6	477.2
180°	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8



TEST NUMBER: P333610

CATALOG NUMBER: S125RDIP-S1270D365U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9
2.5°	1820.3	1827.2	1830.9	1839.6	1852.1	1858.4	1867.1	1873.3	1882.1	1892.7	1901.4
5°	1702.5	1721.2	1733.6	1753.1	1771.1	1789.0	1811.6	1828.0	1849.8	1874.7	1894.2
7.5°	1593.0	1616.4	1637.1	1662.9	1692.5	1715.6	1745.0	1775.1	1809.2	1844.6	1878.0
10°	1523.2	1546.6	1572.3	1604.2	1633.9	1665.0	1700.1	1735.2	1778.1	1817.8	1863.0
12.5°	1453.9	1479.8	1508.7	1544.4	1580.2	1620.1	1655.8	1695.3	1741.3	1792.9	1841.2
15°	1368.0	1393.0	1424.2	1454.6	1495.9	1539.5	1587.1	1639.3	1690.8	1748.4	1808.5
17.5°	1275.9	1303.3	1337.6	1372.9	1416.4	1467.5	1514.1	1571.3	1629.2	1696.4	1767.0
20°	1216.0	1244.1	1284.6	1323.6	1363.4	1413.3	1468.6	1527.1	1588.6	1659.6	1738.3
22.5°	1168.6	1188.6	1228.5	1268.1	1314.7	1365.9	1420.0	1480.9	1548.1	1621.5	1704.0
25°	1098.3	1121.7	1150.6	1191.9	1240.2	1294.0	1348.6	1413.3	1486.5	1561.4	1649.4
27.5°	1035.8	1055.0	1083.5	1115.9	1164.1	1219.9	1277.9	1345.4	1420.6	1496.8	1589.4
30°	991.5	1012.6	1039.9	1074.2	1112.4	1173.2	1232.4	1298.7	1375.1	1453.8	1548.9
32.5°	952.9	974.5	998.1	1030.5	1071.8	1125.8	1186.9	1251.9	1329.5	1410.8	1503.4
35°	898.8	913.6	935.4	967.4	1007.9	1051.6	1113.9	1182.5	1258.1	1342.3	1435.1
37.5°	836.7	855.9	877.6	905.3	940.9	988.1	1046.1	1115.5	1185.6	1266.2	1350.9
40°	800.6	818.5	842.7	862.9	900.3	943.2	996.2	1068.7	1138.9	1214.5	1291.7
42.5°	763.8	781.1	801.5	826.8	860.4	902.1	951.3	1018.8	1094.0	1165.2	1229.9
45°	706.2	724.2	743.7	767.0	798.2	838.8	887.9	949.4	1014.9	1080.4	1129.5
47.5°	651.2	668.0	686.4	710.4	739.1	778.3	822.2	876.6	940.2	995.9	1031.0
50°	611.9	627.5	647.8	671.2	699.2	735.9	778.0	831.7	884.7	935.4	967.4
52.5°	573.3	590.7	611.0	631.2	658.1	694.7	733.7	780.0	830.5	871.8	898.2
55°	515.3	531.6	550.3	571.4	597.9	629.1	670.4	707.0	746.8	781.9	797.4
57.5°	459.3	473.6	491.2	513.1	536.9	565.9	598.7	633.9	662.0	686.8	704.4
60°	422.5	435.0	451.3	470.0	495.8	522.3	551.9	584.6	606.5	627.5	643.9
62.5°	385.1	396.9	412.7	429.5	452.1	476.7	505.1	531.6	552.8	567.0	585.9
65°	329.0	340.6	353.9	371.8	389.8	410.0	435.7	455.2	470.0	485.6	497.3
67.5°	276.7	286.4	299.0	313.1	328.2	347.7	367.6	383.8	394.0	403.3	417.4
70°	242.4	250.2	260.4	271.3	287.6	307.1	322.7	335.2	342.2	351.6	368.7
72.5°	207.5	216.5	226.1	237.0	250.2	266.6	280.3	292.8	297.3	304.8	315.7
75°	163.7	168.4	176.2	184.0	193.3	207.4	220.6	223.7	227.6	233.9	241.6
77.5°	123.8	128.0	131.1	136.3	143.7	155.0	162.0	166.7	167.6	169.9	177.6
80°	98.2	100.6	103.7	107.6	110.7	120.0	123.9	128.6	130.2	132.5	136.4
82.5°	72.0	74.4	76.2	79.5	84.5	88.2	92.1	96.8	97.1	98.8	99.6
85°	42.1	42.9	41.3	42.9	43.7	45.2	49.1	53.0	52.2	51.4	53.8
87.5°	16.2	16.1	15.4	17.1	15.8	16.3	16.2	16.7	17.8	18.9	20.0
90°	6.0	5.7	5.1	4.6	4.0	3.5	2.9	2.2	1.6	1.0	0.4
92.5°	6.0	5.7	5.2	4.7	4.2	3.7	3.7	4.1	4.6	5.0	5.4
95°	6.0	5.7	8.6	11.6	14.6	17.6	19.2	19.4	19.7	19.9	20.1
97.5°	15.2	17.4	23.3	29.2	35.1	41.0	43.8	43.3	42.9	42.5	42.1
100°	49.8	61.5	61.2	60.9	60.6	60.2	60.0	59.7	59.5	59.3	59.0
102.5°	76.3	78.5	78.3	78.1	77.9	77.7	77.5	77.2	76.9	76.6	76.3
105°	105.3	105.3	105.3	105.3	105.3	105.3	105.2	104.9	104.6	104.2	103.9
107.5°	133.3	133.3	133.2	133.0	132.9	132.7	132.6	132.6	132.6	132.6	132.6
110°	151.8	152.0	151.8	151.7	151.5	151.4	151.3	151.3	151.3	151.3	151.3



TEST NUMBER: P333610

CATALOG NUMBER: S125RDIP-S1270D365U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	169.8	170.1	170.0	169.9	169.8	169.7	169.6	169.4	169.2	169.0	168.8
115°	196.9	197.2	197.2	197.1	197.0	196.9	196.7	196.3	195.9	195.5	195.1
117.5°	223.2	223.6	223.3	223.0	222.7	222.4	222.3	222.3	222.3	222.3	222.3
120°	239.9	240.0	239.8	239.5	239.3	239.1	239.0	239.1	239.2	239.2	239.3
122.5°	256.0	256.1	256.0	255.9	255.8	255.7	255.5	255.2	254.9	254.6	254.3
125°	279.6	280.0	280.0	280.0	280.0	280.0	279.7	279.1	278.6	278.0	277.5
127.5°	301.0	301.2	301.2	301.3	301.3	301.4	301.2	300.8	300.4	300.0	299.6
130°	315.1	315.3	315.2	315.1	315.1	315.0	314.8	314.4	314.0	313.6	313.2
132.5°	328.0	328.0	328.2	328.4	328.6	328.7	328.6	328.1	327.7	327.2	326.8
135°	347.3	347.5	347.6	347.8	347.9	348.1	347.9	347.5	347.0	346.5	346.1
137.5°	365.0	365.0	365.1	365.3	365.4	365.6	365.4	365.0	364.6	364.2	363.8
140°	375.9	375.8	375.8	375.9	376.0	376.1	376.0	375.9	375.7	375.6	375.4
142.5°	386.8	386.8	386.7	386.6	386.5	386.3	386.2	386.1	386.1	386.0	385.9
145°	402.0	401.9	401.9	401.9	401.9	401.9	401.8	401.7	401.5	401.4	401.2
147.5°	415.0	414.9	414.8	414.7	414.6	414.5	414.5	414.5	414.6	414.6	414.6
150°	423.3	423.1	423.0	422.8	422.6	422.5	422.5	422.6	422.8	423.0	423.1
152.5°	430.6	430.5	430.3	430.2	430.0	429.8	429.9	430.3	430.6	431.0	431.3
155°	440.7	440.4	440.3	440.1	440.0	439.8	440.0	440.4	440.9	441.4	441.9
157.5°	449.0	448.8	448.8	448.8	448.7	448.7	448.9	449.1	449.4	449.7	450.0
160°	454.2	453.9	453.8	453.7	453.6	453.6	453.8	454.2	454.7	455.2	455.6
162.5°	458.8	458.4	458.3	458.2	458.2	458.1	458.3	458.7	459.2	459.7	460.2
165°	464.9	464.5	464.4	464.3	464.2	464.2	464.4	464.8	465.3	465.8	466.2
167.5°	469.5	468.9	468.9	468.8	468.7	468.6	468.8	469.3	469.8	470.3	470.8
170°	471.8	471.2	471.1	471.0	471.0	470.9	471.1	471.7	472.2	472.8	473.3
172.5°	473.7	473.2	473.0	472.9	472.7	472.6	472.8	473.4	473.9	474.5	475.0
175°	475.7	475.1	475.0	474.9	474.8	474.8	475.0	475.4	475.9	476.4	476.8
177.5°	476.7	476.3	476.2	476.2	476.1	476.0	476.2	476.6	476.9	477.3	477.7
180°	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8



TEST NUMBER: P333610

CATALOG NUMBER: S125RDIP-S1270D365U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9
2.5°	1908.2	1913.9	1922.0	1931.3	1938.8	1946.9	1951.3	1951.3	1955.0	1963.1	1973.7
5°	1913.7	1934.0	1953.5	1978.4	1997.9	2020.5	2037.6	2054.0	2068.8	2087.5	2107.0
7.5°	1912.1	1945.8	1980.9	2020.2	2063.5	2098.0	2133.4	2161.1	2188.6	2224.4	2252.6
10°	1905.9	1949.6	1997.1	2047.0	2101.6	2149.1	2192.0	2231.0	2268.4	2307.4	2342.4
12.5°	1894.7	1950.2	2008.3	2068.2	2137.1	2191.5	2246.9	2288.3	2332.0	2374.7	2417.9
15°	1877.8	1943.3	2013.5	2096.9	2181.1	2241.9	2296.4	2350.2	2390.8	2439.1	2480.4
17.5°	1843.1	1927.4	2015.7	2106.9	2187.8	2258.4	2315.6	2366.8	2409.9	2463.1	2519.2
20°	1822.5	1913.7	2005.7	2103.1	2180.3	2252.8	2308.1	2361.1	2414.9	2484.3	2552.9
22.5°	1793.8	1891.3	1988.8	2081.3	2162.8	2232.8	2290.1	2354.9	2425.5	2504.3	2587.2
25°	1748.4	1849.0	1945.7	2033.7	2113.3	2185.0	2262.9	2350.2	2436.0	2539.7	2658.9
27.5°	1690.9	1787.9	1874.1	1967.2	2046.2	2137.4	2234.7	2329.3	2453.0	2595.6	2744.5
30°	1647.9	1739.9	1821.7	1909.8	1999.4	2100.0	2209.1	2320.6	2467.9	2635.5	2812.5
32.5°	1598.0	1681.3	1762.5	1847.4	1950.8	2061.3	2177.3	2313.7	2489.8	2680.4	2863.6
35°	1511.5	1586.3	1665.0	1759.4	1869.3	1989.3	2137.4	2303.5	2516.3	2721.3	2885.8
37.5°	1420.7	1479.8	1558.9	1658.3	1778.1	1917.0	2085.0	2286.8	2505.4	2689.3	2759.3
40°	1350.9	1406.2	1489.6	1594.1	1712.6	1864.6	2053.2	2260.6	2480.4	2608.2	2602.8
42.5°	1281.7	1337.6	1417.9	1523.0	1646.5	1816.6	2010.8	2226.3	2411.8	2460.5	2359.0
45°	1175.5	1227.7	1306.5	1412.5	1545.0	1723.5	1927.7	2134.3	2252.8	2174.1	1972.9
47.5°	1067.3	1118.0	1191.1	1294.9	1439.6	1626.4	1819.5	1989.0	2005.7	1836.5	1595.3
50°	996.2	1043.8	1113.1	1223.8	1364.1	1546.6	1732.9	1866.2	1824.8	1618.3	1369.6
52.5°	927.0	972.7	1037.7	1142.1	1285.6	1464.2	1630.6	1735.2	1639.6	1420.0	1196.2
55°	824.7	868.4	933.9	1029.7	1159.9	1323.6	1469.4	1507.6	1367.3	1145.9	965.0
57.5°	727.6	759.6	824.3	909.1	1034.6	1178.9	1283.4	1276.5	1121.7	922.3	792.6
60°	663.4	692.2	753.8	831.7	951.0	1080.4	1153.7	1122.5	965.8	801.3	676.6
62.5°	603.5	630.5	682.1	753.8	856.2	968.8	1022.1	979.1	831.1	686.6	587.4
65°	512.9	532.4	573.7	640.0	720.3	798.2	845.8	782.6	651.7	542.5	467.7
67.5°	428.3	445.1	481.9	529.4	584.8	638.6	657.9	598.7	496.9	423.3	370.6
70°	373.4	389.0	413.9	458.4	495.0	533.2	542.5	489.5	404.6	348.4	315.7
72.5°	321.0	335.3	357.2	388.5	413.9	435.9	440.3	391.0	326.0	287.3	262.1
75°	244.8	257.2	271.3	283.0	299.3	303.2	301.7	263.5	228.4	202.7	188.6
77.5°	179.9	185.1	193.6	198.3	199.1	198.8	190.8	166.7	148.6	138.0	132.2
80°	138.8	142.7	145.0	146.5	147.3	139.5	131.0	116.1	109.9	103.7	96.7
82.5°	100.7	103.4	105.7	106.0	101.8	95.3	87.3	80.0	75.6	72.5	69.8
85°	54.6	55.3	54.6	50.7	45.2	42.9	41.3	39.8	39.0	38.2	38.2
87.5°	19.5	17.8	14.8	15.5	15.7	15.1	15.3	14.7	14.2	14.3	14.4
90°	1.0	1.6	2.2	2.9	3.5	4.0	4.6	5.1	5.7	6.0	6.4
92.5°	5.0	4.6	4.1	3.7	3.7	4.2	4.7	5.2	5.7	6.0	6.4
95°	19.9	19.7	19.4	19.2	17.6	14.6	11.6	8.6	5.7	6.0	6.4
97.5°	42.5	42.9	43.3	43.8	41.0	35.1	29.2	23.3	17.4	15.2	13.0
100°	59.3	59.5	59.7	60.0	60.2	60.6	60.9	61.2	61.5	49.8	38.1
102.5°	76.6	76.9	77.2	77.5	77.7	77.9	78.1	78.3	78.5	76.3	74.0
105°	104.2	104.6	104.9	105.2	105.3	105.3	105.3	105.3	105.3	105.3	105.3
107.5°	132.6	132.6	132.6	132.6	132.7	132.9	133.0	133.2	133.3	133.3	133.4
110°	151.3	151.3	151.3	151.3	151.4	151.5	151.7	151.8	152.0	151.8	151.5



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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	169.0	169.2	169.4	169.6	169.7	169.8	169.9	170.0	170.1	169.8	169.5
115°	195.5	195.9	196.3	196.7	196.9	197.0	197.1	197.2	197.2	196.9	196.6
117.5°	222.3	222.3	222.3	222.3	222.4	222.7	223.0	223.3	223.6	223.2	222.8
120°	239.2	239.2	239.1	239.0	239.1	239.3	239.5	239.8	240.0	239.9	239.7
122.5°	254.6	254.9	255.2	255.5	255.7	255.8	255.9	256.0	256.1	256.0	255.8
125°	278.0	278.6	279.1	279.7	280.0	280.0	280.0	280.0	280.0	279.6	279.3
127.5°	300.0	300.4	300.8	301.2	301.4	301.3	301.3	301.2	301.2	301.0	300.8
130°	313.6	314.0	314.4	314.8	315.0	315.1	315.1	315.2	315.3	315.1	314.8
132.5°	327.2	327.7	328.1	328.6	328.7	328.6	328.4	328.2	328.0	328.0	327.9
135°	346.5	347.0	347.5	347.9	348.1	347.9	347.8	347.6	347.5	347.3	347.2
137.5°	364.2	364.6	365.0	365.4	365.6	365.4	365.3	365.1	365.0	365.0	365.1
140°	375.6	375.7	375.9	376.0	376.1	376.0	375.9	375.8	375.8	375.9	376.1
142.5°	386.0	386.1	386.1	386.2	386.3	386.5	386.6	386.7	386.8	386.8	386.8
145°	401.4	401.5	401.7	401.8	401.9	401.9	401.9	401.9	401.9	402.0	402.1
147.5°	414.6	414.6	414.5	414.5	414.5	414.6	414.7	414.8	414.9	415.0	415.1
150°	423.0	422.8	422.6	422.5	422.5	422.6	422.8	423.0	423.1	423.3	423.4
152.5°	431.0	430.6	430.3	429.9	429.8	430.0	430.2	430.3	430.5	430.6	430.8
155°	441.4	440.9	440.4	440.0	439.8	440.0	440.1	440.3	440.4	440.7	440.9
157.5°	449.7	449.4	449.1	448.9	448.7	448.7	448.8	448.8	448.8	449.0	449.3
160°	455.2	454.7	454.2	453.8	453.6	453.6	453.7	453.8	453.9	454.2	454.5
162.5°	459.7	459.2	458.7	458.3	458.1	458.2	458.2	458.3	458.4	458.8	459.3
165°	465.8	465.3	464.8	464.4	464.2	464.2	464.3	464.4	464.5	464.9	465.4
167.5°	470.3	469.8	469.3	468.8	468.6	468.7	468.8	468.9	468.9	469.5	470.1
170°	472.8	472.2	471.7	471.1	470.9	471.0	471.0	471.1	471.2	471.8	472.4
172.5°	474.5	473.9	473.4	472.8	472.6	472.7	472.9	473.0	473.2	473.7	474.3
175°	476.4	475.9	475.4	475.0	474.8	474.8	474.9	475.0	475.1	475.7	476.3
177.5°	477.3	476.9	476.6	476.2	476.0	476.1	476.2	476.2	476.3	476.7	477.2
180°	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9	1898.9
2.5°	1981.8	1981.8	1992.4	1991.8	1998.7	1996.2	1997.4
5°	2130.4	2143.7	2155.4	2163.1	2174.8	2178.0	2176.4
7.5°	2284.4	2313.9	2328.2	2347.9	2351.5	2361.8	2360.7
10°	2379.9	2408.7	2430.5	2447.7	2456.2	2467.2	2467.9
12.5°	2454.7	2479.2	2498.5	2514.4	2524.8	2528.3	2530.3
15°	2513.1	2540.4	2563.0	2585.6	2598.9	2609.0	2614.5
17.5°	2572.1	2614.2	2654.1	2684.8	2703.2	2718.8	2718.6
20°	2617.6	2665.9	2715.8	2750.9	2786.8	2802.3	2804.7
22.5°	2666.2	2740.1	2804.4	2858.8	2905.9	2922.1	2928.2
25°	2767.3	2863.9	2962.9	3039.3	3093.9	3125.8	3130.5
27.5°	2889.3	3020.1	3124.3	3194.8	3240.1	3263.8	3269.0
30°	2975.4	3096.2	3189.8	3242.8	3263.8	3266.9	3255.2
32.5°	3014.1	3104.3	3141.7	3138.6	3097.3	3069.9	3059.4
35°	2966.8	2948.1	2856.9	2747.8	2664.4	2611.4	2597.3
37.5°	2699.9	2538.6	2370.8	2205.9	2118.1	2073.5	1996.8
40°	2436.8	2206.8	2032.2	1893.4	1794.4	1714.9	1696.2
42.5°	2139.9	1902.5	1727.9	1609.1	1530.0	1475.5	1451.8
45°	1719.6	1515.4	1371.2	1280.0	1219.2	1179.4	1161.5
47.5°	1375.4	1217.3	1112.2	1044.7	998.4	963.8	954.1
50°	1186.4	1060.1	971.3	914.4	879.3	852.8	841.9
52.5°	1030.5	928.6	860.3	813.3	780.1	763.6	754.6
55°	850.4	762.4	713.3	675.8	657.1	643.9	637.6
57.5°	695.5	631.9	596.0	570.1	552.8	544.4	541.3
60°	608.8	558.9	526.2	505.9	494.2	483.3	480.2
62.5°	532.1	492.8	467.6	449.8	438.1	433.4	431.5
65°	428.7	403.0	384.3	373.4	364.0	362.5	361.7
67.5°	340.8	325.7	315.9	304.5	301.2	295.7	294.7
70°	291.5	281.4	269.7	265.8	261.9	256.5	257.2
72.5°	247.3	237.1	229.2	224.0	222.6	220.3	222.3
75°	180.8	177.7	174.6	170.7	169.2	169.2	168.4
77.5°	129.1	126.4	123.0	120.7	120.2	116.9	118.2
80°	93.5	89.6	88.1	88.9	86.5	85.7	85.7
82.5°	69.2	67.8	66.3	66.4	65.9	65.2	65.8
85°	38.2	37.4	37.4	36.6	36.6	35.9	35.9
87.5°	15.1	15.8	14.6	14.0	14.1	14.7	15.4
90°	6.8	7.2	7.5	7.8	8.0	8.2	8.5
92.5°	6.8	7.2	7.5	7.6	7.7	7.8	7.9
95°	6.8	7.2	7.4	7.4	7.4	7.4	7.4
97.5°	10.7	8.5	7.4	7.4	7.4	7.4	7.4
100°	26.4	14.7	8.7	8.4	8.1	7.7	7.4
102.5°	71.8	69.6	65.8	60.5	55.2	49.8	44.5
105°	105.3	105.3	105.3	105.2	105.1	105.1	105.0
107.5°	133.4	133.4	133.3	133.1	132.8	132.6	132.3
110°	151.3	151.1	151.0	151.1	151.1	151.2	151.3



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	169.2	168.9	168.7	168.6	168.5	168.4	168.3
115°	196.3	196.0	195.6	195.1	194.7	194.2	193.7
117.5°	222.4	222.0	221.7	221.5	221.3	221.1	220.9
120°	239.5	239.4	239.1	238.7	238.3	237.9	237.5
122.5°	255.7	255.5	255.2	254.7	254.3	253.8	253.4
125°	279.0	278.7	278.4	278.2	278.0	277.7	277.5
127.5°	300.6	300.5	300.1	299.5	298.9	298.4	297.8
130°	314.6	314.4	314.0	313.7	313.3	312.9	312.5
132.5°	327.9	327.8	327.6	327.2	326.8	326.4	326.1
135°	347.0	346.8	346.5	346.1	345.6	345.1	344.6
137.5°	365.1	365.1	364.9	364.5	364.1	363.7	363.3
140°	376.2	376.4	376.2	375.8	375.3	374.8	374.3
142.5°	386.9	386.9	386.7	386.2	385.7	385.3	384.8
145°	402.1	402.2	402.0	401.6	401.1	400.6	400.1
147.5°	415.2	415.3	415.1	414.5	413.9	413.4	412.8
150°	423.6	423.7	423.5	422.9	422.3	421.6	421.0
152.5°	430.9	431.1	430.9	430.3	429.8	429.2	428.6
155°	441.1	441.4	441.2	440.6	439.9	439.3	438.7
157.5°	449.5	449.8	449.6	449.0	448.3	447.7	447.1
160°	454.8	455.1	455.0	454.3	453.7	453.1	452.5
162.5°	459.7	460.2	460.0	459.3	458.6	458.0	457.3
165°	465.9	466.4	466.3	465.7	465.0	464.4	463.8
167.5°	470.6	471.2	471.1	470.4	469.7	469.0	468.3
170°	473.1	473.7	473.7	473.0	472.3	471.5	470.8
172.5°	474.9	475.4	475.4	474.7	473.9	473.2	472.5
175°	477.0	477.6	477.6	476.8	476.1	475.4	474.7
177.5°	477.6	478.0	478.0	477.5	477.0	476.5	476.0
180°	476.8	476.8	476.8	476.8	476.8	476.8	476.8

(END OF REPORT)