

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: P333333-930

Luminaire Tested: **S125DIP-S1270D1205U930-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333333-930
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-S1270D1205U930-4F0-1E-UDD-A4
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1270 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 1205 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

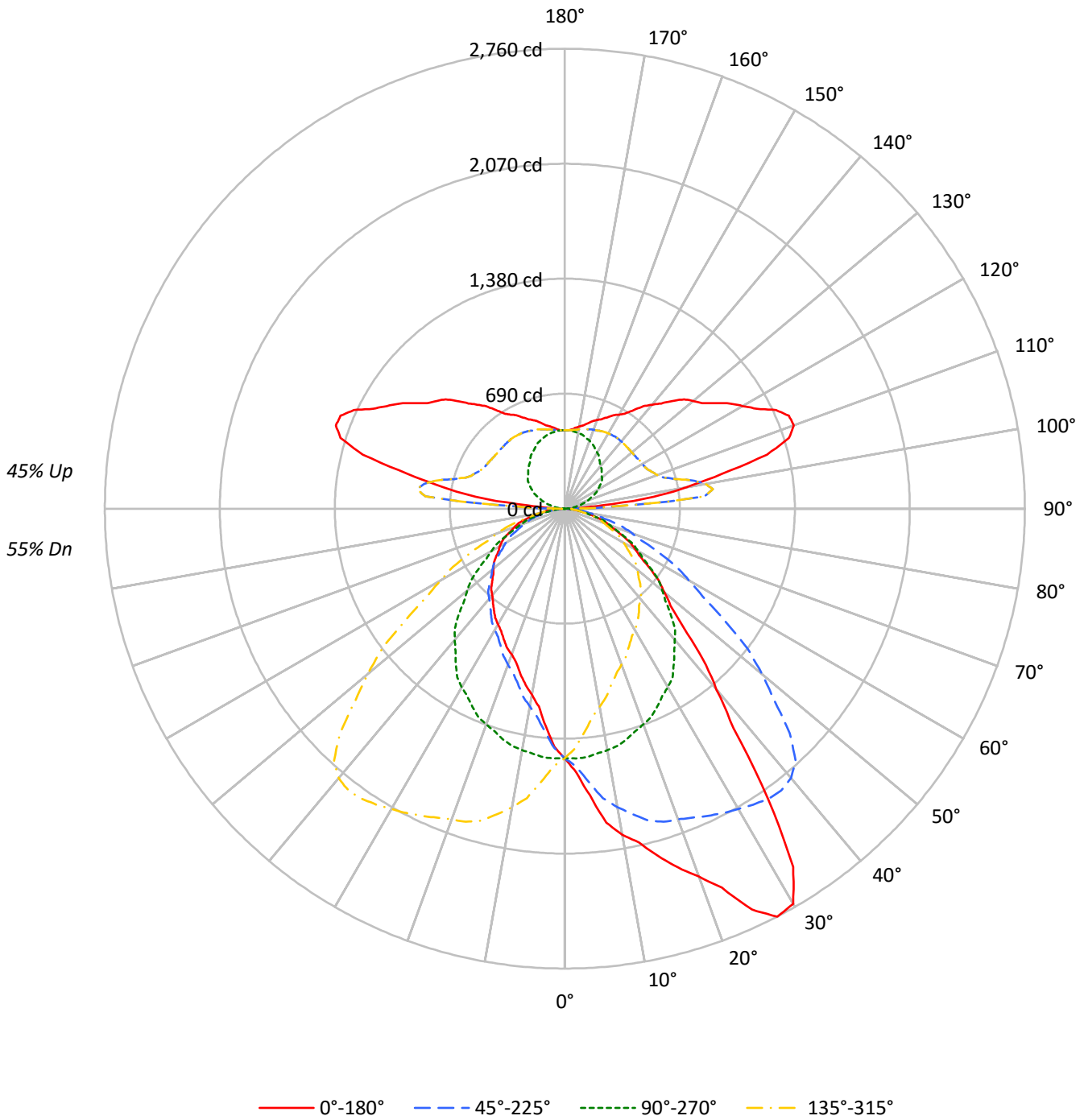
Lumens per Lamp: N/A
Luminaire Lumens: 7751.6 lumens
Efficiency: N/A
Efficacy: 108.1 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.23 / 1.52
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 71.7
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: P333333-930
CATALOG NUMBER: S125DIP-S1270D1205U930-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P333333-930

CATALOG NUMBER: S125DIP-S1270D1205U930-4F0-1E-UDD-A4

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	50	30	10	0	
RCR																						
0	108	108	108	108	100	100	100	100	86	86	86	73	73	73	60	60	60	55				
1	99	95	91	88	92	88	85	82	76	73	71	64	63	61	54	53	51	46				
2	90	83	77	72	84	77	72	68	67	63	59	57	54	51	48	45	44	39				
3	83	73	66	60	76	68	62	57	59	54	50	50	47	44	42	40	37	33				
4	76	65	57	51	70	61	54	48	52	47	43	45	41	37	38	35	32	29				
5	69	58	50	44	64	54	47	42	47	41	37	40	36	33	34	31	28	25				
6	64	52	44	38	59	49	41	36	42	37	32	37	32	29	31	28	25	22				
7	59	47	39	33	55	44	37	32	38	33	29	33	29	25	28	25	22	20				
8	55	43	35	30	51	40	33	28	35	29	25	30	26	23	26	22	20	18				
9	51	39	31	26	48	37	30	25	32	27	23	28	24	20	24	20	18	16				
10	48	36	28	24	44	34	27	23	30	24	20	26	21	18	22	19	16	14				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9671	9671	9671	9671
5°	11199	9703	8496	9703
10°	13029	9653	7444	9653
15°	14422	9582	6867	9582
20°	16144	9470	6403	9470
25°	18912	9344	6178	9344
30°	20427	9219	5982	9219
35°	16796	8984	5852	8984
40°	11938	8658	5712	8658
45°	9171	8219	5630	8219
50°	7829	7675	5620	7675
55°	6971	7142	5668	7142
60°	6288	6559	5813	6559
65°	5809	5974	5963	5974
70°	5280	5365	6048	5365
75°	4664	4726	5996	4726
80°	3924	3853	5482	3853
85°	3105	2779	4431	2779



TEST NUMBER: P333333-930

CATALOG NUMBER: S125DIP-S1270D1205U930-4F0-1E-UDD-A4

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.2	1.9
10°-20°	429.2	5.5
20°-30°	696.9	9.0
30°-40°	850.1	11.0
40°-50°	773.3	10.0
50°-60°	616.0	7.9
60°-70°	429.0	5.5
70°-80°	228.8	3.0
80°-90°	60.4	0.8
90°-100°	340.6	4.4
100°-110°	732.2	9.4
110°-120°	687.1	8.9
120°-130°	556.9	7.2
130°-140°	446.9	5.8
140°-150°	337.2	4.4
150°-160°	237.4	3.1
160°-170°	139.9	1.8
170°-180°	45.5	0.6
0°-30°	1270.2	16.4
0°-40°	2120.3	27.4
0°-60°	3509.7	45.3
0°-90°	4227.8	54.5
90°-120°	1759.9	22.7
90°-150°	3100.9	40.0
90°-180°	3524.0	45.5
0°-180°	7751.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1497	1497	1497	1497	1497	
5°	1727	1497	1310	1497	1727	174
15°	2157	1433	1027	1433	2157	617
25°	2654	1311	867	1311	2654	1212
35°	2130	1140	742	1140	2130	1304
45°	1004	900	616	900	1004	804
55°	619	634	503	634	619	558
65°	380	391	390	391	380	377
75°	187	189	240	189	187	201
85°	42	38	60	38	42	49
90°	22	1	22	1	22	17
95°	223	31	223	31	223	315
105°	1255	107	1255	107	1255	1248
115°	1398	191	1398	191	1398	1366
125°	1102	265	1102	265	1102	997
135°	915	311	915	311	915	709
145°	722	362	722	362	722	459
155°	605	413	605	413	605	282
165°	530	451	530	451	530	152
175°	476	469	476	469	476	46
180°	470	470	470	470	470	



TEST NUMBER: P333333-930

CATALOG NUMBER: S125DIP-S1270D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4
2.5°	1583.8	1581.8	1579.7	1575.6	1578.7	1570.0	1565.9	1558.9	1550.2	1547.2	1543.6
5°	1727.4	1730.6	1733.7	1720.4	1721.7	1712.8	1692.5	1675.9	1662.6	1645.4	1633.4
7.5°	1900.3	1892.8	1892.1	1883.5	1868.7	1856.7	1835.3	1808.1	1781.8	1751.8	1727.0
10°	1986.7	1987.4	1981.7	1971.5	1955.6	1944.2	1916.2	1889.5	1857.1	1818.9	1791.6
12.5°	2051.8	2054.5	2047.2	2033.5	2025.7	2000.1	1978.2	1946.4	1907.9	1877.4	1835.8
15°	2157.0	2150.0	2145.0	2127.8	2114.5	2087.7	2052.8	2019.7	1977.8	1939.0	1900.3
17.5°	2258.5	2264.1	2254.5	2238.9	2197.5	2166.3	2119.5	2074.1	2021.9	1969.9	1923.7
20°	2349.0	2354.1	2339.4	2312.1	2262.5	2231.4	2169.8	2111.3	2050.9	1984.2	1933.3
22.5°	2461.9	2457.8	2438.1	2396.5	2353.5	2296.0	2229.3	2158.0	2082.4	2007.0	1939.4
25°	2654.0	2627.3	2615.2	2563.8	2507.2	2422.7	2331.2	2226.9	2132.9	2033.1	1946.7
27.5°	2760.5	2752.1	2738.7	2702.9	2643.4	2552.9	2445.1	2318.1	2185.4	2059.4	1946.3
30°	2739.2	2740.5	2741.8	2730.3	2692.2	2624.1	2516.7	2380.1	2222.5	2080.8	1949.9
32.5°	2550.1	2573.2	2595.3	2621.5	2632.2	2619.1	2551.8	2428.5	2266.2	2105.2	1947.8
35°	2130.4	2137.3	2209.1	2280.3	2376.9	2451.9	2502.2	2447.4	2310.8	2125.9	1945.4
37.5°	1661.1	1695.4	1745.1	1825.5	1965.0	2089.8	2250.3	2324.2	2280.1	2132.7	1941.0
40°	1416.0	1447.8	1480.2	1562.2	1679.8	1831.0	2013.4	2169.1	2205.3	2111.3	1925.7
42.5°	1226.9	1252.1	1288.0	1349.6	1447.9	1581.8	1756.2	1959.7	2084.8	2049.3	1893.7
45°	1004.1	1020.0	1048.0	1097.0	1168.2	1273.0	1426.8	1649.3	1843.1	1907.2	1817.6
47.5°	859.5	859.4	881.1	914.9	966.3	1055.4	1169.1	1343.5	1550.5	1703.6	1696.6
50°	779.2	776.0	793.1	822.4	863.1	922.2	1030.9	1170.0	1369.0	1542.5	1590.7
52.5°	710.0	710.4	721.0	742.6	776.7	827.1	908.3	1033.8	1203.7	1381.8	1472.8
55°	619.1	616.4	628.5	643.2	668.0	701.0	759.5	855.4	993.4	1168.7	1286.9
57.5°	535.7	542.7	547.5	557.7	578.2	600.3	649.6	720.1	829.5	980.0	1105.0
60°	486.8	493.8	497.7	507.8	524.3	543.4	581.6	638.7	730.9	860.5	984.5
62.5°	443.1	448.6	449.8	459.0	472.5	491.1	521.1	569.1	641.9	755.3	876.7
65°	380.1	380.1	382.6	392.2	398.5	415.0	437.9	472.9	531.3	619.6	723.3
67.5°	319.3	322.4	321.7	325.9	331.7	344.6	361.0	389.9	433.2	497.7	580.5
70°	279.6	282.2	281.5	284.7	291.1	299.4	312.7	340.0	371.1	426.5	497.7
72.5°	244.0	245.1	243.4	247.6	251.4	258.7	273.5	288.1	317.2	363.9	422.4
75°	186.9	188.1	189.4	191.9	195.8	199.6	207.2	221.8	240.8	275.8	313.3
77.5°	140.1	137.6	140.7	140.3	142.5	145.4	152.1	159.9	175.5	197.6	226.7
80°	105.5	106.2	106.2	106.8	110.0	111.9	117.6	123.3	135.3	151.9	172.3
82.5°	77.0	78.7	77.7	78.8	81.4	82.8	86.0	90.7	97.8	110.7	125.5
85°	41.9	38.8	40.0	41.3	41.3	41.9	44.5	46.4	50.2	55.3	61.0
87.5°	16.6	17.6	17.9	17.9	18.4	18.0	19.9	19.6	21.0	22.3	24.0
90°	21.8	21.8	20.9	20.9	20.9	18.9	18.0	17.0	16.1	15.2	13.3
92.5°	60.4	62.0	63.3	65.6	77.7	91.7	121.8	167.9	247.3	305.4	310.4
95°	222.7	237.8	245.3	273.8	341.0	420.6	537.1	681.1	821.3	839.4	684.9
97.5°	538.1	550.2	577.7	630.7	689.3	800.0	913.5	1014.4	1039.3	896.3	611.6
100°	738.9	754.1	789.1	857.4	922.7	1021.2	1118.8	1165.2	1092.3	855.4	545.7
102.5°	963.3	974.6	1012.7	1061.2	1131.1	1197.8	1244.6	1216.0	1060.5	783.4	495.6
105°	1255.2	1266.6	1285.6	1316.8	1347.1	1357.6	1315.9	1186.1	958.7	686.8	447.1
107.5°	1410.2	1417.8	1424.1	1424.2	1408.9	1359.4	1252.4	1079.2	854.9	620.3	426.6
110°	1461.8	1461.8	1455.1	1437.1	1394.5	1313.9	1180.4	1000.4	795.7	589.2	420.6



TEST NUMBER: P333333-930
 CATALOG NUMBER: S125DIP-S1270D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	1455.7	1448.9	1432.4	1401.5	1339.1	1244.2	1109.1	938.2	751.8	571.0	420.6
115°	1398.2	1385.9	1359.4	1313.9	1240.1	1136.8	1007.1	860.2	703.8	551.4	423.5
117.5°	1297.6	1290.1	1263.8	1216.8	1142.9	1048.1	936.4	809.8	675.2	541.7	429.7
120°	1232.5	1224.9	1199.3	1153.9	1083.8	1000.4	896.2	782.5	659.3	537.1	435.8
122.5°	1174.9	1168.1	1142.5	1100.8	1038.3	960.3	867.4	762.1	645.7	533.4	441.1
125°	1101.8	1092.3	1071.5	1032.6	979.6	911.3	828.9	732.3	627.1	528.6	450.0
127.5°	1039.3	1035.1	1015.4	981.0	932.9	869.1	792.1	702.0	610.1	526.4	460.0
130°	1005.1	999.5	980.5	949.3	901.9	840.3	766.4	683.1	598.8	524.8	466.1
132.5°	971.0	964.6	947.1	915.9	868.5	809.2	742.2	664.1	589.6	524.8	472.9
135°	915.2	909.5	892.4	861.1	819.5	765.5	704.8	639.4	578.9	524.8	482.2
137.5°	855.4	849.2	833.5	805.0	767.8	721.9	671.5	618.6	569.2	525.9	490.7
140°	813.8	809.0	794.8	770.2	735.2	695.4	651.8	607.2	564.6	526.7	494.5
142.5°	775.1	771.1	757.7	736.9	707.1	672.6	635.1	597.4	560.8	527.5	496.8
145°	721.9	718.1	707.7	691.5	668.8	643.3	613.8	584.5	555.1	526.7	499.3
147.5°	676.8	675.1	669.0	656.2	638.1	618.8	596.2	572.4	549.3	524.2	500.2
150°	651.8	650.9	647.0	635.7	621.4	604.4	586.4	565.6	544.7	522.0	500.2
152.5°	632.1	631.1	627.3	618.2	606.3	593.0	576.6	558.0	539.4	518.9	499.5
155°	605.4	604.4	601.5	594.9	585.5	575.0	561.7	546.6	530.5	513.5	497.3
157.5°	581.5	581.6	579.0	573.5	566.1	558.0	547.7	535.2	522.2	507.8	494.9
160°	565.6	566.6	564.6	559.9	553.3	546.6	537.1	527.7	515.4	504.0	492.6
162.5°	551.1	551.4	551.0	547.0	541.8	536.0	528.1	519.3	509.3	499.5	490.3
165°	530.5	530.5	530.5	528.6	524.8	520.1	514.4	507.8	500.2	492.6	486.9
167.5°	511.6	511.8	512.5	510.8	508.9	505.5	501.2	496.8	491.3	486.0	481.6
170°	500.2	501.2	501.2	500.2	498.3	496.4	493.6	490.7	486.0	482.2	479.4
172.5°	489.6	490.6	492.0	490.3	490.0	488.9	486.7	483.9	480.7	477.7	476.3
175°	476.5	477.4	479.4	478.4	478.4	478.4	476.5	476.5	473.7	472.7	472.7
177.5°	469.9	469.9	472.1	471.4	472.1	472.1	472.1	471.4	470.7	469.9	469.9
180°	469.9	469.9	469.9	469.9	469.9	469.9	469.9	469.9	469.9	469.9	469.9



TEST NUMBER: P333333-930

CATALOG NUMBER: S125DIP-S1270D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4
2.5°	1540.6	1537.0	1532.9	1525.8	1517.2	1512.6	1505.5	1500.9	1491.8	1484.1	1476.0
5°	1618.7	1602.2	1587.0	1567.2	1545.6	1531.6	1515.2	1496.7	1477.6	1457.9	1436.3
7.5°	1699.7	1670.5	1638.7	1604.5	1571.1	1540.3	1510.9	1482.1	1455.1	1422.6	1395.1
10°	1754.1	1717.3	1677.8	1631.4	1586.3	1546.9	1506.8	1471.9	1436.3	1398.2	1364.5
12.5°	1808.5	1759.4	1703.7	1652.8	1598.6	1550.9	1503.8	1459.2	1414.5	1372.2	1333.0
15°	1846.9	1803.7	1752.2	1679.8	1618.7	1553.3	1491.0	1433.1	1379.2	1332.1	1282.5
17.5°	1872.2	1816.5	1761.2	1691.7	1611.8	1538.6	1467.9	1401.7	1340.8	1281.2	1233.5
20°	1876.7	1819.6	1761.7	1693.7	1611.8	1527.9	1457.3	1377.9	1312.4	1250.8	1192.3
22.5°	1875.3	1810.4	1747.5	1677.5	1597.5	1520.2	1434.9	1354.0	1282.9	1222.3	1161.2
25°	1860.8	1791.6	1712.8	1642.3	1563.4	1481.5	1395.1	1311.2	1238.7	1169.4	1109.1
27.5°	1848.9	1759.1	1669.8	1587.6	1511.5	1436.3	1353.6	1267.6	1187.3	1117.1	1060.2
30°	1834.2	1735.7	1635.2	1549.5	1471.3	1398.2	1320.1	1236.2	1152.3	1083.6	1022.6
32.5°	1821.0	1706.2	1600.2	1506.8	1424.0	1352.9	1280.8	1201.0	1118.7	1049.0	988.0
35°	1795.5	1662.6	1541.2	1435.7	1347.4	1274.2	1213.9	1139.5	1063.9	996.5	938.1
37.5°	1763.0	1605.4	1475.1	1364.5	1267.6	1190.7	1134.4	1077.3	1004.8	939.9	887.0
40°	1737.6	1564.7	1426.8	1313.7	1213.2	1133.2	1081.1	1027.0	966.7	906.3	850.4
42.5°	1705.5	1528.1	1378.0	1256.2	1156.8	1078.8	1024.1	978.2	925.0	868.7	816.8
45°	1646.7	1461.8	1299.0	1168.2	1067.7	990.8	934.3	899.9	859.9	806.5	762.6
47.5°	1560.2	1382.0	1213.7	1078.6	975.0	903.8	850.8	817.8	789.6	749.9	710.1
50°	1483.4	1322.6	1152.3	1018.1	914.5	842.7	793.8	763.9	739.8	709.2	675.6
52.5°	1397.4	1247.8	1091.8	959.2	856.6	785.8	737.8	711.6	691.5	669.6	636.4
55°	1260.9	1133.8	988.9	863.1	768.3	699.1	657.1	634.3	617.8	601.2	580.9
57.5°	1110.5	1011.1	882.8	767.8	680.5	617.5	578.4	556.1	543.2	534.8	522.8
60°	1004.8	919.7	809.0	704.2	619.1	563.1	525.0	507.8	497.0	490.0	481.1
62.5°	906.7	836.7	734.3	638.6	564.1	511.2	477.2	460.5	450.2	446.8	439.4
65°	762.0	708.0	623.5	544.0	480.5	435.4	406.8	390.9	384.5	380.7	381.3
67.5°	619.5	586.6	518.7	450.9	400.2	362.4	339.5	327.3	324.2	319.0	318.9
70°	532.6	507.8	450.6	391.5	346.3	317.2	296.8	284.1	280.9	278.3	277.8
72.5°	455.8	434.1	384.5	337.1	296.5	270.8	254.1	246.5	241.2	239.7	239.6
75°	342.6	330.5	291.1	253.6	225.6	207.8	196.4	189.4	185.6	184.9	185.6
77.5°	243.5	233.0	208.0	181.4	163.7	150.3	140.6	138.2	133.9	134.0	133.3
80°	183.0	176.0	160.1	139.2	124.6	113.2	108.0	103.6	102.3	100.4	102.3
82.5°	132.7	125.2	114.4	101.0	88.9	82.1	77.0	75.7	74.8	73.9	74.4
85°	65.5	66.1	59.8	49.6	44.5	40.7	37.5	37.5	36.9	36.2	36.9
87.5°	24.9	23.4	21.2	19.3	16.4	14.5	13.6	13.9	12.6	12.5	13.4
90°	12.3	10.4	9.5	7.6	5.7	3.8	1.9	1.0	1.9	3.8	5.7
92.5°	216.2	129.4	77.7	50.1	33.8	22.0	14.0	11.6	14.0	22.0	33.8
95°	423.5	215.1	113.7	71.0	50.2	39.8	32.2	31.2	32.2	39.8	50.2
97.5°	338.0	185.3	118.2	87.6	68.8	58.4	53.1	51.9	53.1	58.4	68.8
100°	307.0	183.8	128.8	100.4	82.4	72.0	68.2	66.3	68.2	72.0	82.4
102.5°	294.1	190.6	141.7	114.1	97.6	86.4	83.4	82.3	83.4	86.4	97.6
105°	288.9	204.6	163.0	136.4	121.2	111.8	107.0	107.0	107.0	111.8	121.2
107.5°	297.7	225.4	185.1	161.3	145.5	137.7	133.2	131.3	133.2	137.7	145.5
110°	306.0	240.6	201.8	177.2	163.0	154.4	150.7	148.7	150.7	154.4	163.0



TEST NUMBER: P333333-930
 CATALOG NUMBER: S125DIP-S1270D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	316.6	255.0	217.7	193.8	179.6	171.0	168.0	166.2	168.0	171.0	179.6
115°	332.5	277.6	242.6	218.8	204.6	196.1	193.2	191.4	193.2	196.1	204.6
117.5°	350.7	300.7	267.5	244.6	228.5	220.0	217.0	214.1	217.0	220.0	228.5
120°	362.8	317.4	284.2	260.5	244.4	235.9	232.1	229.3	232.1	235.9	244.4
122.5°	376.5	333.3	300.1	276.5	258.8	250.3	247.3	245.2	247.3	250.3	258.8
125°	395.0	354.3	323.0	298.4	280.4	271.9	267.2	265.2	267.2	271.9	280.4
127.5°	412.1	374.5	344.5	319.8	300.7	289.9	283.8	281.0	283.8	289.9	300.7
130°	423.5	387.4	358.1	333.5	313.6	301.3	293.7	290.8	293.7	301.3	313.6
132.5°	433.3	399.6	370.2	345.6	325.0	311.1	302.0	298.4	302.0	311.1	325.0
135°	447.1	415.9	386.5	360.9	341.0	325.9	314.5	310.7	314.5	325.9	341.0
137.5°	457.4	427.5	400.7	374.4	354.9	339.7	329.1	326.3	329.1	339.7	354.9
140°	464.2	435.8	408.3	382.7	364.8	349.6	338.2	335.3	338.2	349.6	364.8
142.5°	468.0	441.1	415.2	391.1	373.8	358.7	348.1	345.9	348.1	358.7	373.8
145°	473.7	450.0	425.3	403.6	386.5	373.2	363.8	361.9	363.8	373.2	386.5
147.5°	477.1	455.7	434.1	414.9	400.1	387.8	379.7	378.5	379.7	387.8	400.1
150°	479.4	459.4	438.6	422.5	409.3	397.0	390.3	388.4	390.3	397.0	409.3
152.5°	480.9	463.3	443.9	429.3	416.9	406.0	400.1	399.0	400.1	406.0	416.9
155°	482.2	467.0	450.9	437.7	428.2	418.7	413.0	413.0	413.0	418.7	428.2
157.5°	483.1	470.3	456.4	446.4	438.1	429.9	425.3	425.6	425.3	429.9	438.1
160°	483.1	471.8	459.4	450.9	443.4	436.8	432.9	433.9	432.9	436.8	443.4
162.5°	482.4	473.3	462.5	455.5	449.4	443.5	439.8	440.7	439.8	443.5	449.4
165°	481.3	473.7	466.1	460.4	456.6	451.9	449.1	450.9	449.1	451.9	456.6
167.5°	479.0	473.7	467.4	463.8	461.1	458.5	456.8	457.8	456.8	458.5	461.1
170°	477.4	473.7	469.0	466.1	464.2	462.3	461.4	462.3	461.4	462.3	464.2
172.5°	476.0	472.9	469.0	467.6	466.4	464.6	463.7	465.4	463.7	464.6	466.4
175°	473.7	471.8	469.0	469.0	469.0	468.0	467.0	469.0	467.0	468.0	469.0
177.5°	471.4	470.7	469.1	469.1	469.9	469.1	469.1	470.7	469.1	469.1	469.9
180°	469.9	469.9	469.9	469.9	469.9	469.9	469.9	469.9	469.9	469.9	469.9



TEST NUMBER: P333333-930
 CATALOG NUMBER: S125DIP-S1270D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4
2.5°	1471.4	1465.8	1461.3	1451.1	1445.4	1437.9	1431.7	1438.4	1431.3	1434.3	1429.7
5°	1425.6	1407.7	1395.1	1376.6	1360.7	1346.1	1335.3	1333.3	1328.3	1325.8	1318.1
7.5°	1370.4	1348.1	1326.2	1302.1	1281.7	1261.0	1247.8	1236.9	1229.6	1220.1	1213.7
10°	1337.8	1308.0	1282.5	1253.3	1227.8	1205.7	1187.8	1178.9	1170.7	1158.6	1154.1
12.5°	1297.6	1266.7	1235.7	1204.5	1180.1	1155.3	1140.0	1126.6	1120.9	1107.3	1105.9
15°	1249.4	1203.1	1172.6	1140.8	1107.1	1086.8	1074.1	1059.5	1053.1	1043.6	1036.6
17.5°	1192.0	1150.6	1112.5	1079.5	1050.7	1033.6	1017.7	1007.7	996.8	990.6	979.1
20°	1150.3	1110.9	1072.8	1037.9	1015.6	995.9	983.2	973.6	962.2	959.0	947.6
22.5°	1115.2	1071.8	1035.2	1005.8	981.5	959.3	945.6	939.1	931.2	921.5	919.1
25°	1058.2	1013.1	981.9	952.7	931.1	910.8	901.2	892.9	885.3	878.3	875.8
27.5°	1008.9	968.6	931.6	905.1	886.3	867.8	859.4	849.4	843.8	838.1	831.3
30°	974.3	932.9	900.6	875.1	854.8	838.3	829.4	822.4	817.3	812.2	808.5
32.5°	938.7	900.4	869.0	844.2	823.8	811.3	803.5	798.5	792.9	786.8	782.0
35°	891.7	849.7	819.2	797.6	781.7	772.2	763.3	758.8	752.5	752.5	747.4
37.5°	838.7	802.4	775.5	755.8	741.5	733.0	723.4	720.3	716.2	713.5	711.8
40°	807.1	773.5	748.0	728.3	713.1	706.0	698.5	693.4	690.8	687.6	686.4
42.5°	774.6	742.4	718.0	699.9	686.6	680.7	673.5	670.0	664.9	660.7	660.0
45°	725.1	694.0	671.8	657.1	645.7	638.7	634.3	626.6	624.1	619.1	618.4
47.5°	678.2	648.4	626.6	614.6	604.5	598.8	591.8	584.2	581.3	578.7	578.5
50°	643.2	615.9	595.5	584.1	574.5	566.3	559.3	554.2	552.3	552.3	553.6
52.5°	607.6	584.3	567.0	553.0	544.0	535.2	528.8	525.7	522.8	525.9	528.2
55°	555.5	532.0	519.3	505.9	497.0	486.8	483.6	482.4	480.5	485.6	488.1
57.5°	500.3	483.8	468.9	455.7	447.7	441.8	437.5	436.8	440.3	442.7	450.9
60°	465.2	446.1	432.8	422.7	413.1	409.3	408.1	406.8	409.3	416.3	427.1
62.5°	426.6	411.1	396.7	389.1	382.0	375.8	375.4	376.3	381.3	389.3	400.1
65°	369.9	356.5	347.0	338.1	332.4	328.6	329.9	332.4	338.1	348.9	361.0
67.5°	312.3	303.1	294.6	287.4	281.9	281.9	283.2	287.0	293.8	306.2	317.2
70°	275.2	265.1	258.0	254.9	250.4	247.9	251.7	258.0	263.7	275.2	284.7
72.5°	238.1	229.4	224.0	221.8	219.9	217.8	219.2	226.0	233.7	245.2	256.2
75°	183.0	179.9	176.0	173.5	171.6	172.8	174.1	180.5	186.9	198.9	211.7
77.5°	133.6	130.3	128.0	127.3	126.4	126.9	130.5	135.3	141.5	150.3	159.9
80°	101.0	99.8	98.5	97.8	97.8	98.5	103.6	106.8	112.5	120.7	128.4
82.5°	73.6	72.8	72.6	72.5	73.0	73.1	76.1	80.3	85.0	91.2	97.8
85°	38.8	37.5	39.4	40.0	38.8	40.7	41.9	44.5	46.4	49.6	52.7
87.5°	14.2	15.7	15.3	16.2	16.4	17.8	17.4	19.6	20.9	22.1	21.9
90°	7.6	9.5	10.4	12.3	13.3	15.2	16.1	17.0	18.0	18.9	20.9
92.5°	50.1	77.7	129.4	216.2	310.4	305.4	247.3	167.9	121.8	91.7	77.7
95°	71.0	113.7	215.1	423.5	684.9	839.4	821.3	681.1	537.1	420.6	341.0
97.5°	87.6	118.2	185.3	338.0	611.6	896.3	1039.3	1014.4	913.5	800.0	689.3
100°	100.4	128.8	183.8	307.0	545.7	855.4	1092.3	1165.2	1118.8	1021.2	922.7
102.5°	114.1	141.7	190.6	294.1	495.6	783.4	1060.5	1216.0	1244.6	1197.8	1131.1
105°	136.4	163.0	204.6	288.9	447.1	686.8	958.7	1186.1	1315.9	1357.6	1347.1
107.5°	161.3	185.1	225.4	297.7	426.6	620.3	854.9	1079.2	1252.4	1359.4	1408.9
110°	177.2	201.8	240.6	306.0	420.6	589.2	795.7	1000.4	1180.4	1313.9	1394.5



TEST NUMBER: P333333-930

CATALOG NUMBER: S125DIP-S1270D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	193.8	217.7	255.0	316.6	420.6	571.0	751.8	938.2	1109.1	1244.2	1339.1
115°	218.8	242.6	277.6	332.5	423.5	551.4	703.8	860.2	1007.1	1136.8	1240.1
117.5°	244.6	267.5	300.7	350.7	429.7	541.7	675.2	809.8	936.4	1048.1	1142.9
120°	260.5	284.2	317.4	362.8	435.8	537.1	659.3	782.5	896.2	1000.4	1083.8
122.5°	276.5	300.1	333.3	376.5	441.1	533.4	645.7	762.1	867.4	960.3	1038.3
125°	298.4	323.0	354.3	395.0	450.0	528.6	627.1	732.3	828.9	911.3	979.6
127.5°	319.8	344.5	374.5	412.1	460.0	526.4	610.1	702.0	792.1	869.1	932.9
130°	333.5	358.1	387.4	423.5	466.1	524.8	598.8	683.1	766.4	840.3	901.9
132.5°	345.6	370.2	399.6	433.3	472.9	524.8	589.6	664.1	742.2	809.2	868.5
135°	360.9	386.5	415.9	447.1	482.2	524.8	578.9	639.4	704.8	765.5	819.5
137.5°	374.4	400.7	427.5	457.4	490.7	525.9	569.2	618.6	671.5	721.9	767.8
140°	382.7	408.3	435.8	464.2	494.5	526.7	564.6	607.2	651.8	695.4	735.2
142.5°	391.1	415.2	441.1	468.0	496.8	527.5	560.8	597.4	635.1	672.6	707.1
145°	403.6	425.3	450.0	473.7	499.3	526.7	555.1	584.5	613.8	643.3	668.8
147.5°	414.9	434.1	455.7	477.1	500.2	524.2	549.3	572.4	596.2	618.8	638.1
150°	422.5	438.6	459.4	479.4	500.2	522.0	544.7	565.6	586.4	604.4	621.4
152.5°	429.3	443.9	463.3	480.9	499.5	518.9	539.4	558.0	576.6	593.0	606.3
155°	437.7	450.9	467.0	482.2	497.3	513.5	530.5	546.6	561.7	575.0	585.5
157.5°	446.4	456.4	470.3	483.1	494.9	507.8	522.2	535.2	547.7	558.0	566.1
160°	450.9	459.4	471.8	483.1	492.6	504.0	515.4	527.7	537.1	546.6	553.3
162.5°	455.5	462.5	473.3	482.4	490.3	499.5	509.3	519.3	528.1	536.0	541.8
165°	460.4	466.1	473.7	481.3	486.9	492.6	500.2	507.8	514.4	520.1	524.8
167.5°	463.8	467.4	473.7	479.0	481.6	486.0	491.3	496.8	501.2	505.5	508.9
170°	466.1	469.0	473.7	477.4	479.4	482.2	486.0	490.7	493.6	496.4	498.3
172.5°	467.6	469.0	472.9	476.0	476.3	477.7	480.7	483.9	486.7	488.9	490.0
175°	469.0	469.0	471.8	473.7	472.7	472.7	473.7	476.5	476.5	478.4	478.4
177.5°	469.1	469.1	470.7	471.4	469.9	469.9	470.7	471.4	472.1	472.1	472.1
180°	469.9	469.9	469.9	469.9	469.9	469.9	469.9	469.9	469.9	469.9	469.9



TEST NUMBER: P333333-930
 CATALOG NUMBER: S125DIP-S1270D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4
2.5°	1426.7	1430.2	1427.2	1431.3	1427.2	1430.2	1426.7	1429.7	1434.3	1431.3	1438.4
5°	1314.9	1309.2	1313.0	1310.5	1313.0	1309.2	1314.9	1318.1	1325.8	1328.3	1333.3
7.5°	1211.7	1206.2	1200.0	1197.1	1200.0	1206.2	1211.7	1213.7	1220.1	1229.6	1236.9
10°	1147.1	1140.2	1139.5	1135.1	1139.5	1140.2	1147.1	1154.1	1158.6	1170.7	1178.9
12.5°	1099.8	1093.4	1086.1	1084.3	1086.1	1093.4	1099.8	1105.9	1107.3	1120.9	1126.6
15°	1032.7	1027.7	1023.2	1027.0	1023.2	1027.7	1032.7	1036.6	1043.6	1053.1	1059.5
17.5°	977.0	972.7	972.0	967.3	972.0	972.7	977.0	979.1	990.6	996.8	1007.7
20°	941.9	938.7	940.0	931.7	940.0	938.7	941.9	947.6	959.0	962.2	973.6
22.5°	914.0	907.7	906.9	905.3	906.9	907.7	914.0	919.1	921.5	931.2	939.1
25°	870.1	866.9	863.7	866.9	863.7	866.9	870.1	875.8	878.3	885.3	892.9
27.5°	831.8	828.0	827.1	827.4	827.1	828.0	831.8	831.3	838.1	843.8	849.4
30°	808.5	802.1	802.7	802.1	802.7	802.1	808.5	808.5	812.2	817.3	822.4
32.5°	783.0	778.7	777.8	776.7	777.8	778.7	783.0	782.0	786.8	792.9	798.5
35°	745.5	745.5	742.3	742.3	742.3	745.5	745.5	747.4	752.5	752.5	758.8
37.5°	710.3	709.6	707.8	708.0	707.8	709.6	710.3	711.8	713.5	716.2	720.3
40°	683.9	683.2	681.3	677.5	681.3	683.2	683.9	686.4	687.6	690.8	693.4
42.5°	658.4	656.2	655.3	654.1	655.3	656.2	658.4	660.0	660.7	664.9	670.0
45°	618.4	618.4	617.1	616.4	617.1	618.4	618.4	618.4	619.1	624.1	626.6
47.5°	579.5	580.7	583.0	582.7	583.0	580.7	579.5	578.5	578.7	581.3	584.2
50°	556.1	556.8	558.6	559.3	558.6	556.8	556.1	553.6	552.3	552.3	554.2
52.5°	530.2	533.9	536.3	535.9	536.3	533.9	530.2	528.2	525.9	522.8	525.7
55°	493.8	498.2	502.7	503.4	502.7	498.2	493.8	488.1	485.6	480.5	482.4
57.5°	457.9	464.1	468.8	470.3	468.8	464.1	457.9	450.9	442.7	440.3	436.8
60°	433.4	441.7	447.4	450.0	447.4	441.7	433.4	427.1	416.3	409.3	406.8
62.5°	410.0	419.3	425.0	425.6	425.0	419.3	410.0	400.1	389.3	381.3	376.3
65°	371.8	381.3	386.4	390.2	386.4	381.3	371.8	361.0	348.9	338.1	332.4
67.5°	330.6	340.1	345.8	348.8	345.8	340.1	330.6	317.2	306.2	293.8	287.0
70°	300.6	310.1	317.8	320.3	317.8	310.1	300.6	284.7	275.2	263.7	258.0
72.5°	271.1	279.6	285.8	288.8	285.8	279.6	271.1	256.2	245.2	233.7	226.0
75°	219.9	231.3	237.1	240.3	237.1	231.3	219.9	211.7	198.9	186.9	180.5
77.5°	169.6	180.0	183.4	185.1	183.4	180.0	169.6	159.9	150.3	141.5	135.3
80°	136.0	142.4	146.8	147.4	146.8	142.4	136.0	128.4	120.7	112.5	106.8
82.5°	104.5	109.8	111.2	112.8	111.2	109.8	104.5	97.8	91.2	85.0	80.3
85°	57.2	59.8	60.4	59.8	60.4	59.8	57.2	52.7	49.6	46.4	44.5
87.5°	23.0	22.5	22.7	23.6	22.7	22.5	23.0	21.9	22.1	20.9	19.6
90°	20.9	20.9	21.8	21.8	21.8	20.9	20.9	20.9	18.9	18.0	17.0
92.5°	65.6	63.3	62.0	60.4	62.0	63.3	65.6	77.7	91.7	121.8	167.9
95°	273.8	245.3	237.8	222.7	237.8	245.3	273.8	341.0	420.6	537.1	681.1
97.5°	630.7	577.7	550.2	538.1	550.2	577.7	630.7	689.3	800.0	913.5	1014.4
100°	857.4	789.1	754.1	738.9	754.1	789.1	857.4	922.7	1021.2	1118.8	1165.2
102.5°	1061.2	1012.7	974.6	963.3	974.6	1012.7	1061.2	1131.1	1197.8	1244.6	1216.0
105°	1316.8	1285.6	1266.6	1255.2	1266.6	1285.6	1316.8	1347.1	1357.6	1315.9	1186.1
107.5°	1424.2	1424.1	1417.8	1410.2	1417.8	1424.1	1424.2	1408.9	1359.4	1252.4	1079.2
110°	1437.1	1455.1	1461.8	1461.8	1461.8	1455.1	1437.1	1394.5	1313.9	1180.4	1000.4



TEST NUMBER: P333333-930
 CATALOG NUMBER: S125DIP-S1270D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	1401.5	1432.4	1448.9	1455.7	1448.9	1432.4	1401.5	1339.1	1244.2	1109.1	938.2
115°	1313.9	1359.4	1385.9	1398.2	1385.9	1359.4	1313.9	1240.1	1136.8	1007.1	860.2
117.5°	1216.8	1263.8	1290.1	1297.6	1290.1	1263.8	1216.8	1142.9	1048.1	936.4	809.8
120°	1153.9	1199.3	1224.9	1232.5	1224.9	1199.3	1153.9	1083.8	1000.4	896.2	782.5
122.5°	1100.8	1142.5	1168.1	1174.9	1168.1	1142.5	1100.8	1038.3	960.3	867.4	762.1
125°	1032.6	1071.5	1092.3	1101.8	1092.3	1071.5	1032.6	979.6	911.3	828.9	732.3
127.5°	981.0	1015.4	1035.1	1039.3	1035.1	1015.4	981.0	932.9	869.1	792.1	702.0
130°	949.3	980.5	999.5	1005.1	999.5	980.5	949.3	901.9	840.3	766.4	683.1
132.5°	915.9	947.1	964.6	971.0	964.6	947.1	915.9	868.5	809.2	742.2	664.1
135°	861.1	892.4	909.5	915.2	909.5	892.4	861.1	819.5	765.5	704.8	639.4
137.5°	805.0	833.5	849.2	855.4	849.2	833.5	805.0	767.8	721.9	671.5	618.6
140°	770.2	794.8	809.0	813.8	809.0	794.8	770.2	735.2	695.4	651.8	607.2
142.5°	736.9	757.7	771.1	775.1	771.1	757.7	736.9	707.1	672.6	635.1	597.4
145°	691.5	707.7	718.1	721.9	718.1	707.7	691.5	668.8	643.3	613.8	584.5
147.5°	656.2	669.0	675.1	676.8	675.1	669.0	656.2	638.1	618.8	596.2	572.4
150°	635.7	647.0	650.9	651.8	650.9	647.0	635.7	621.4	604.4	586.4	565.6
152.5°	618.2	627.3	631.1	632.1	631.1	627.3	618.2	606.3	593.0	576.6	558.0
155°	594.9	601.5	604.4	605.4	604.4	601.5	594.9	585.5	575.0	561.7	546.6
157.5°	573.5	579.0	581.6	581.5	581.6	579.0	573.5	566.1	558.0	547.7	535.2
160°	559.9	564.6	566.6	565.6	566.6	564.6	559.9	553.3	546.6	537.1	527.7
162.5°	547.0	551.0	551.4	551.1	551.4	551.0	547.0	541.8	536.0	528.1	519.3
165°	528.6	530.5	530.5	530.5	530.5	530.5	528.6	524.8	520.1	514.4	507.8
167.5°	510.8	512.5	511.8	511.6	511.8	512.5	510.8	508.9	505.5	501.2	496.8
170°	500.2	501.2	501.2	500.2	501.2	501.2	500.2	498.3	496.4	493.6	490.7
172.5°	490.3	492.0	490.6	489.6	490.6	492.0	490.3	490.0	488.9	486.7	483.9
175°	478.4	479.4	477.4	476.5	477.4	479.4	478.4	478.4	478.4	476.5	476.5
177.5°	471.4	472.1	469.9	469.9	469.9	472.1	471.4	472.1	472.1	472.1	471.4
180°	469.9	469.9	469.9	469.9	469.9	469.9	469.9	469.9	469.9	469.9	469.9



TEST NUMBER: P333333-930

CATALOG NUMBER: S125DIP-S1270D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4
2.5°	1431.7	1437.9	1445.4	1451.1	1461.3	1465.8	1471.4	1476.0	1484.1	1491.8	1500.9
5°	1335.3	1346.1	1360.7	1376.6	1395.1	1407.7	1425.6	1436.3	1457.9	1477.6	1496.7
7.5°	1247.8	1261.0	1281.7	1302.1	1326.2	1348.1	1370.4	1395.1	1422.6	1455.1	1482.1
10°	1187.8	1205.7	1227.8	1253.3	1282.5	1308.0	1337.8	1364.5	1398.2	1436.3	1471.9
12.5°	1140.0	1155.3	1180.1	1204.5	1235.7	1266.7	1297.6	1333.0	1372.2	1414.5	1459.2
15°	1074.1	1086.8	1107.1	1140.8	1172.6	1203.1	1249.4	1282.5	1332.1	1379.2	1433.1
17.5°	1017.7	1033.6	1050.7	1079.5	1112.5	1150.6	1192.0	1233.5	1281.2	1340.8	1401.7
20°	983.2	995.9	1015.6	1037.9	1072.8	1110.9	1150.3	1192.3	1250.8	1312.4	1377.9
22.5°	945.6	959.3	981.5	1005.8	1035.2	1071.8	1115.2	1161.2	1222.3	1282.9	1354.0
25°	901.2	910.8	931.1	952.7	981.9	1013.1	1058.2	1109.1	1169.4	1238.7	1311.2
27.5°	859.4	867.8	886.3	905.1	931.6	968.6	1008.9	1060.2	1117.1	1187.3	1267.6
30°	829.4	838.3	854.8	875.1	900.6	932.9	974.3	1022.6	1083.6	1152.3	1236.2
32.5°	803.5	811.3	823.8	844.2	869.0	900.4	938.7	988.0	1049.0	1118.7	1201.0
35°	763.3	772.2	781.7	797.6	819.2	849.7	891.7	938.1	996.5	1063.9	1139.5
37.5°	723.4	733.0	741.5	755.8	775.5	802.4	838.7	887.0	939.9	1004.8	1077.3
40°	698.5	706.0	713.1	728.3	748.0	773.5	807.1	850.4	906.3	966.7	1027.0
42.5°	673.5	680.7	686.6	699.9	718.0	742.4	774.6	816.8	868.7	925.0	978.2
45°	634.3	638.7	645.7	657.1	671.8	694.0	725.1	762.6	806.5	859.9	899.9
47.5°	591.8	598.8	604.5	614.6	626.6	648.4	678.2	710.1	749.9	789.6	817.8
50°	559.3	566.3	574.5	584.1	595.5	615.9	643.2	675.6	709.2	739.8	763.9
52.5°	528.8	535.2	544.0	553.0	567.0	584.3	607.6	636.4	669.6	691.5	711.6
55°	483.6	486.8	497.0	505.9	519.3	532.0	555.5	580.9	601.2	617.8	634.3
57.5°	437.5	441.8	447.7	455.7	468.9	483.8	500.3	522.8	534.8	543.2	556.1
60°	408.1	409.3	413.1	422.7	432.8	446.1	465.2	481.1	490.0	497.0	507.8
62.5°	375.4	375.8	382.0	389.1	396.7	411.1	426.6	439.4	446.8	450.2	460.5
65°	329.9	328.6	332.4	338.1	347.0	356.5	369.9	381.3	380.7	384.5	390.9
67.5°	283.2	281.9	281.9	287.4	294.6	303.1	312.3	318.9	319.0	324.2	327.3
70°	251.7	247.9	250.4	254.9	258.0	265.1	275.2	277.8	278.3	280.9	284.1
72.5°	219.2	217.8	219.9	221.8	224.0	229.4	238.1	239.6	239.7	241.2	246.5
75°	174.1	172.8	171.6	173.5	176.0	179.9	183.0	185.6	184.9	185.6	189.4
77.5°	130.5	126.9	126.4	127.3	128.0	130.3	133.6	133.3	134.0	133.9	138.2
80°	103.6	98.5	97.8	97.8	98.5	99.8	101.0	102.3	100.4	102.3	103.6
82.5°	76.1	73.1	73.0	72.5	72.6	72.8	73.6	74.4	73.9	74.8	75.7
85°	41.9	40.7	38.8	40.0	39.4	37.5	38.8	36.9	36.2	36.9	37.5
87.5°	17.4	17.8	16.4	16.2	15.3	15.7	14.2	13.4	12.5	12.6	13.9
90°	16.1	15.2	13.3	12.3	10.4	9.5	7.6	5.7	3.8	1.9	1.0
92.5°	247.3	305.4	310.4	216.2	129.4	77.7	50.1	33.8	22.0	14.0	11.6
95°	821.3	839.4	684.9	423.5	215.1	113.7	71.0	50.2	39.8	32.2	31.2
97.5°	1039.3	896.3	611.6	338.0	185.3	118.2	87.6	68.8	58.4	53.1	51.9
100°	1092.3	855.4	545.7	307.0	183.8	128.8	100.4	82.4	72.0	68.2	66.3
102.5°	1060.5	783.4	495.6	294.1	190.6	141.7	114.1	97.6	86.4	83.4	82.3
105°	958.7	686.8	447.1	288.9	204.6	163.0	136.4	121.2	111.8	107.0	107.0
107.5°	854.9	620.3	426.6	297.7	225.4	185.1	161.3	145.5	137.7	133.2	131.3
110°	795.7	589.2	420.6	306.0	240.6	201.8	177.2	163.0	154.4	150.7	148.7



TEST NUMBER: P333333-930
 CATALOG NUMBER: S125DIP-S1270D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	751.8	571.0	420.6	316.6	255.0	217.7	193.8	179.6	171.0	168.0	166.2
115°	703.8	551.4	423.5	332.5	277.6	242.6	218.8	204.6	196.1	193.2	191.4
117.5°	675.2	541.7	429.7	350.7	300.7	267.5	244.6	228.5	220.0	217.0	214.1
120°	659.3	537.1	435.8	362.8	317.4	284.2	260.5	244.4	235.9	232.1	229.3
122.5°	645.7	533.4	441.1	376.5	333.3	300.1	276.5	258.8	250.3	247.3	245.2
125°	627.1	528.6	450.0	395.0	354.3	323.0	298.4	280.4	271.9	267.2	265.2
127.5°	610.1	526.4	460.0	412.1	374.5	344.5	319.8	300.7	289.9	283.8	281.0
130°	598.8	524.8	466.1	423.5	387.4	358.1	333.5	313.6	301.3	293.7	290.8
132.5°	589.6	524.8	472.9	433.3	399.6	370.2	345.6	325.0	311.1	302.0	298.4
135°	578.9	524.8	482.2	447.1	415.9	386.5	360.9	341.0	325.9	314.5	310.7
137.5°	569.2	525.9	490.7	457.4	427.5	400.7	374.4	354.9	339.7	329.1	326.3
140°	564.6	526.7	494.5	464.2	435.8	408.3	382.7	364.8	349.6	338.2	335.3
142.5°	560.8	527.5	496.8	468.0	441.1	415.2	391.1	373.8	358.7	348.1	345.9
145°	555.1	526.7	499.3	473.7	450.0	425.3	403.6	386.5	373.2	363.8	361.9
147.5°	549.3	524.2	500.2	477.1	455.7	434.1	414.9	400.1	387.8	379.7	378.5
150°	544.7	522.0	500.2	479.4	459.4	438.6	422.5	409.3	397.0	390.3	388.4
152.5°	539.4	518.9	499.5	480.9	463.3	443.9	429.3	416.9	406.0	400.1	399.0
155°	530.5	513.5	497.3	482.2	467.0	450.9	437.7	428.2	418.7	413.0	413.0
157.5°	522.2	507.8	494.9	483.1	470.3	456.4	446.4	438.1	429.9	425.3	425.6
160°	515.4	504.0	492.6	483.1	471.8	459.4	450.9	443.4	436.8	432.9	433.9
162.5°	509.3	499.5	490.3	482.4	473.3	462.5	455.5	449.4	443.5	439.8	440.7
165°	500.2	492.6	486.9	481.3	473.7	466.1	460.4	456.6	451.9	449.1	450.9
167.5°	491.3	486.0	481.6	479.0	473.7	467.4	463.8	461.1	458.5	456.8	457.8
170°	486.0	482.2	479.4	477.4	473.7	469.0	466.1	464.2	462.3	461.4	462.3
172.5°	480.7	477.7	476.3	476.0	472.9	469.0	467.6	466.4	464.6	463.7	465.4
175°	473.7	472.7	472.7	473.7	471.8	469.0	469.0	469.0	468.0	467.0	469.0
177.5°	470.7	469.9	469.9	471.4	470.7	469.1	469.1	469.9	469.1	469.1	470.7
180°	469.9	469.9	469.9	469.9	469.9	469.9	469.9	469.9	469.9	469.9	469.9



TEST NUMBER: P333333-930
 CATALOG NUMBER: S125DIP-S1270D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4
2.5°	1505.5	1512.6	1517.2	1525.8	1532.9	1537.0	1540.6	1543.6	1547.2	1550.2	1558.9
5°	1515.2	1531.6	1545.6	1567.2	1587.0	1602.2	1618.7	1633.4	1645.4	1662.6	1675.9
7.5°	1510.9	1540.3	1571.1	1604.5	1638.7	1670.5	1699.7	1727.0	1751.8	1781.8	1808.1
10°	1506.8	1546.9	1586.3	1631.4	1677.8	1717.3	1754.1	1791.6	1818.9	1857.1	1889.5
12.5°	1503.8	1550.9	1598.6	1652.8	1703.7	1759.4	1808.5	1835.8	1877.4	1907.9	1946.4
15°	1491.0	1553.3	1618.7	1679.8	1752.2	1803.7	1846.9	1900.3	1939.0	1977.8	2019.7
17.5°	1467.9	1538.6	1611.8	1691.7	1761.2	1816.5	1872.2	1923.7	1969.9	2021.9	2074.1
20°	1457.3	1527.9	1611.8	1693.7	1761.7	1819.6	1876.7	1933.3	1984.2	2050.9	2111.3
22.5°	1434.9	1520.2	1597.5	1677.5	1747.5	1810.4	1875.3	1939.4	2007.0	2082.4	2158.0
25°	1395.1	1481.5	1563.4	1642.3	1712.8	1791.6	1860.8	1946.7	2033.1	2132.9	2226.9
27.5°	1353.6	1436.3	1511.5	1587.6	1669.8	1759.1	1848.9	1946.3	2059.4	2185.4	2318.1
30°	1320.1	1398.2	1471.3	1549.5	1635.2	1735.7	1834.2	1949.9	2080.8	2222.5	2380.1
32.5°	1280.8	1352.9	1424.0	1506.8	1600.2	1706.2	1821.0	1947.8	2105.2	2266.2	2428.5
35°	1213.9	1274.2	1347.4	1435.7	1541.2	1662.6	1795.5	1945.4	2125.9	2310.8	2447.4
37.5°	1134.4	1190.7	1267.6	1364.5	1475.1	1605.4	1763.0	1941.0	2132.7	2280.1	2324.2
40°	1081.1	1133.2	1213.2	1313.7	1426.8	1564.7	1737.6	1925.7	2111.3	2205.3	2169.1
42.5°	1024.1	1078.8	1156.8	1256.2	1378.0	1528.1	1705.5	1893.7	2049.3	2084.8	1959.7
45°	934.3	990.8	1067.7	1168.2	1299.0	1461.8	1646.7	1817.6	1907.2	1843.1	1649.3
47.5°	850.8	903.8	975.0	1078.6	1213.7	1382.0	1560.2	1696.6	1703.6	1550.5	1343.5
50°	793.8	842.7	914.5	1018.1	1152.3	1322.6	1483.4	1590.7	1542.5	1369.0	1170.0
52.5°	737.8	785.8	856.6	959.2	1091.8	1247.8	1397.4	1472.8	1381.8	1203.7	1033.8
55°	657.1	699.1	768.3	863.1	988.9	1133.8	1260.9	1286.9	1168.7	993.4	855.4
57.5°	578.4	617.5	680.5	767.8	882.8	1011.1	1110.5	1105.0	980.0	829.5	720.1
60°	525.0	563.1	619.1	704.2	809.0	919.7	1004.8	984.5	860.5	730.9	638.7
62.5°	477.2	511.2	564.1	638.6	734.3	836.7	906.7	876.7	755.3	641.9	569.1
65°	406.8	435.4	480.5	544.0	623.5	708.0	762.0	723.3	619.6	531.3	472.9
67.5°	339.5	362.4	400.2	450.9	518.7	586.6	619.5	580.5	497.7	433.2	389.9
70°	296.8	317.2	346.3	391.5	450.6	507.8	532.6	497.7	426.5	371.1	340.0
72.5°	254.1	270.8	296.5	337.1	384.5	434.1	455.8	422.4	363.9	317.2	288.1
75°	196.4	207.8	225.6	253.6	291.1	330.5	342.6	313.3	275.8	240.8	221.8
77.5°	140.6	150.3	163.7	181.4	208.0	233.0	243.5	226.7	197.6	175.5	159.9
80°	108.0	113.2	124.6	139.2	160.1	176.0	183.0	172.3	151.9	135.3	123.3
82.5°	77.0	82.1	88.9	101.0	114.4	125.2	132.7	125.5	110.7	97.8	90.7
85°	37.5	40.7	44.5	49.6	59.8	66.1	65.5	61.0	55.3	50.2	46.4
87.5°	13.6	14.5	16.4	19.3	21.2	23.4	24.9	24.0	22.3	21.0	19.6
90°	1.9	3.8	5.7	7.6	9.5	10.4	12.3	13.3	15.2	16.1	17.0
92.5°	14.0	22.0	33.8	50.1	77.7	129.4	216.2	310.4	305.4	247.3	167.9
95°	32.2	39.8	50.2	71.0	113.7	215.1	423.5	684.9	839.4	821.3	681.1
97.5°	53.1	58.4	68.8	87.6	118.2	185.3	338.0	611.6	896.3	1039.3	1014.4
100°	68.2	72.0	82.4	100.4	128.8	183.8	307.0	545.7	855.4	1092.3	1165.2
102.5°	83.4	86.4	97.6	114.1	141.7	190.6	294.1	495.6	783.4	1060.5	1216.0
105°	107.0	111.8	121.2	136.4	163.0	204.6	288.9	447.1	686.8	958.7	1186.1
107.5°	133.2	137.7	145.5	161.3	185.1	225.4	297.7	426.6	620.3	854.9	1079.2
110°	150.7	154.4	163.0	177.2	201.8	240.6	306.0	420.6	589.2	795.7	1000.4



TEST NUMBER: P333333-930

CATALOG NUMBER: S125DIP-S1270D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	168.0	171.0	179.6	193.8	217.7	255.0	316.6	420.6	571.0	751.8	938.2
115°	193.2	196.1	204.6	218.8	242.6	277.6	332.5	423.5	551.4	703.8	860.2
117.5°	217.0	220.0	228.5	244.6	267.5	300.7	350.7	429.7	541.7	675.2	809.8
120°	232.1	235.9	244.4	260.5	284.2	317.4	362.8	435.8	537.1	659.3	782.5
122.5°	247.3	250.3	258.8	276.5	300.1	333.3	376.5	441.1	533.4	645.7	762.1
125°	267.2	271.9	280.4	298.4	323.0	354.3	395.0	450.0	528.6	627.1	732.3
127.5°	283.8	289.9	300.7	319.8	344.5	374.5	412.1	460.0	526.4	610.1	702.0
130°	293.7	301.3	313.6	333.5	358.1	387.4	423.5	466.1	524.8	598.8	683.1
132.5°	302.0	311.1	325.0	345.6	370.2	399.6	433.3	472.9	524.8	589.6	664.1
135°	314.5	325.9	341.0	360.9	386.5	415.9	447.1	482.2	524.8	578.9	639.4
137.5°	329.1	339.7	354.9	374.4	400.7	427.5	457.4	490.7	525.9	569.2	618.6
140°	338.2	349.6	364.8	382.7	408.3	435.8	464.2	494.5	526.7	564.6	607.2
142.5°	348.1	358.7	373.8	391.1	415.2	441.1	468.0	496.8	527.5	560.8	597.4
145°	363.8	373.2	386.5	403.6	425.3	450.0	473.7	499.3	526.7	555.1	584.5
147.5°	379.7	387.8	400.1	414.9	434.1	455.7	477.1	500.2	524.2	549.3	572.4
150°	390.3	397.0	409.3	422.5	438.6	459.4	479.4	500.2	522.0	544.7	565.6
152.5°	400.1	406.0	416.9	429.3	443.9	463.3	480.9	499.5	518.9	539.4	558.0
155°	413.0	418.7	428.2	437.7	450.9	467.0	482.2	497.3	513.5	530.5	546.6
157.5°	425.3	429.9	438.1	446.4	456.4	470.3	483.1	494.9	507.8	522.2	535.2
160°	432.9	436.8	443.4	450.9	459.4	471.8	483.1	492.6	504.0	515.4	527.7
162.5°	439.8	443.5	449.4	455.5	462.5	473.3	482.4	490.3	499.5	509.3	519.3
165°	449.1	451.9	456.6	460.4	466.1	473.7	481.3	486.9	492.6	500.2	507.8
167.5°	456.8	458.5	461.1	463.8	467.4	473.7	479.0	481.6	486.0	491.3	496.8
170°	461.4	462.3	464.2	466.1	469.0	473.7	477.4	479.4	482.2	486.0	490.7
172.5°	463.7	464.6	466.4	467.6	469.0	472.9	476.0	476.3	477.7	480.7	483.9
175°	467.0	468.0	469.0	469.0	469.0	471.8	473.7	472.7	472.7	473.7	476.5
177.5°	469.1	469.1	469.9	469.1	469.1	470.7	471.4	469.9	469.9	470.7	471.4
180°	469.9	469.9	469.9	469.9	469.9	469.9	469.9	469.9	469.9	469.9	469.9



TEST NUMBER: P333333-930

CATALOG NUMBER: S125DIP-S1270D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4	1497.4
2.5°	1565.9	1570.0	1578.7	1575.6	1579.7	1581.8	1583.8
5°	1692.5	1712.8	1721.7	1720.4	1733.7	1730.6	1727.4
7.5°	1835.3	1856.7	1868.7	1883.5	1892.1	1892.8	1900.3
10°	1916.2	1944.2	1955.6	1971.5	1981.7	1987.4	1986.7
12.5°	1978.2	2000.1	2025.7	2033.5	2047.2	2054.5	2051.8
15°	2052.8	2087.7	2114.5	2127.8	2145.0	2150.0	2157.0
17.5°	2119.5	2166.3	2197.5	2238.9	2254.5	2264.1	2258.5
20°	2169.8	2231.4	2262.5	2312.1	2339.4	2354.1	2349.0
22.5°	2229.3	2296.0	2353.5	2396.5	2438.1	2457.8	2461.9
25°	2331.2	2422.7	2507.2	2563.8	2615.2	2627.3	2654.0
27.5°	2445.1	2552.9	2643.4	2702.9	2738.7	2752.1	2760.5
30°	2516.7	2624.1	2692.2	2730.3	2741.8	2740.5	2739.2
32.5°	2551.8	2619.1	2632.2	2621.5	2595.3	2573.2	2550.1
35°	2502.2	2451.9	2376.9	2280.3	2209.1	2137.3	2130.4
37.5°	2250.3	2089.8	1965.0	1825.5	1745.1	1695.4	1661.1
40°	2013.4	1831.0	1679.8	1562.2	1480.2	1447.8	1416.0
42.5°	1756.2	1581.8	1447.9	1349.6	1288.0	1252.1	1226.9
45°	1426.8	1273.0	1168.2	1097.0	1048.0	1020.0	1004.1
47.5°	1169.1	1055.4	966.3	914.9	881.1	859.4	859.5
50°	1030.9	922.2	863.1	822.4	793.1	776.0	779.2
52.5°	908.3	827.1	776.7	742.6	721.0	710.4	710.0
55°	759.5	701.0	668.0	643.2	628.5	616.4	619.1
57.5°	649.6	600.3	578.2	557.7	547.5	542.7	535.7
60°	581.6	543.4	524.3	507.8	497.7	493.8	486.8
62.5°	521.1	491.1	472.5	459.0	449.8	448.6	443.1
65°	437.9	415.0	398.5	392.2	382.6	380.1	380.1
67.5°	361.0	344.6	331.7	325.9	321.7	322.4	319.3
70°	312.7	299.4	291.1	284.7	281.5	282.2	279.6
72.5°	273.5	258.7	251.4	247.6	243.4	245.1	244.0
75°	207.2	199.6	195.8	191.9	189.4	188.1	186.9
77.5°	152.1	145.4	142.5	140.3	140.7	137.6	140.1
80°	117.6	111.9	110.0	106.8	106.2	106.2	105.5
82.5°	86.0	82.8	81.4	78.8	77.7	78.7	77.0
85°	44.5	41.9	41.3	41.3	40.0	38.8	41.9
87.5°	19.9	18.0	18.4	17.9	17.9	17.6	16.6
90°	18.0	18.9	20.9	20.9	20.9	21.8	21.8
92.5°	121.8	91.7	77.7	65.6	63.3	62.0	60.4
95°	537.1	420.6	341.0	273.8	245.3	237.8	222.7
97.5°	913.5	800.0	689.3	630.7	577.7	550.2	538.1
100°	1118.8	1021.2	922.7	857.4	789.1	754.1	738.9
102.5°	1244.6	1197.8	1131.1	1061.2	1012.7	974.6	963.3
105°	1315.9	1357.6	1347.1	1316.8	1285.6	1266.6	1255.2
107.5°	1252.4	1359.4	1408.9	1424.2	1424.1	1417.8	1410.2
110°	1180.4	1313.9	1394.5	1437.1	1455.1	1461.8	1461.8



TEST NUMBER: P333333-930

CATALOG NUMBER: S125DIP-S1270D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	1109.1	1244.2	1339.1	1401.5	1432.4	1448.9	1455.7
115°	1007.1	1136.8	1240.1	1313.9	1359.4	1385.9	1398.2
117.5°	936.4	1048.1	1142.9	1216.8	1263.8	1290.1	1297.6
120°	896.2	1000.4	1083.8	1153.9	1199.3	1224.9	1232.5
122.5°	867.4	960.3	1038.3	1100.8	1142.5	1168.1	1174.9
125°	828.9	911.3	979.6	1032.6	1071.5	1092.3	1101.8
127.5°	792.1	869.1	932.9	981.0	1015.4	1035.1	1039.3
130°	766.4	840.3	901.9	949.3	980.5	999.5	1005.1
132.5°	742.2	809.2	868.5	915.9	947.1	964.6	971.0
135°	704.8	765.5	819.5	861.1	892.4	909.5	915.2
137.5°	671.5	721.9	767.8	805.0	833.5	849.2	855.4
140°	651.8	695.4	735.2	770.2	794.8	809.0	813.8
142.5°	635.1	672.6	707.1	736.9	757.7	771.1	775.1
145°	613.8	643.3	668.8	691.5	707.7	718.1	721.9
147.5°	596.2	618.8	638.1	656.2	669.0	675.1	676.8
150°	586.4	604.4	621.4	635.7	647.0	650.9	651.8
152.5°	576.6	593.0	606.3	618.2	627.3	631.1	632.1
155°	561.7	575.0	585.5	594.9	601.5	604.4	605.4
157.5°	547.7	558.0	566.1	573.5	579.0	581.6	581.5
160°	537.1	546.6	553.3	559.9	564.6	566.6	565.6
162.5°	528.1	536.0	541.8	547.0	551.0	551.4	551.1
165°	514.4	520.1	524.8	528.6	530.5	530.5	530.5
167.5°	501.2	505.5	508.9	510.8	512.5	511.8	511.6
170°	493.6	496.4	498.3	500.2	501.2	501.2	500.2
172.5°	486.7	488.9	490.0	490.3	492.0	490.6	489.6
175°	476.5	478.4	478.4	478.4	479.4	477.4	476.5
177.5°	472.1	472.1	472.1	471.4	472.1	469.9	469.9
180°	469.9	469.9	469.9	469.9	469.9	469.9	469.9

(END OF REPORT)