

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: P331687-930

Luminaire Tested: **S122RDIP-S675D725U930-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331687-930
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-2,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S122RDIP-S675D725U930-4F0-1E-UDD-A
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 675 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 725 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4434.0 lumens
Efficiency: N/A
Efficacy: 96.6 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 1.16 / 1.02
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')
CIE Type: General Diffuse

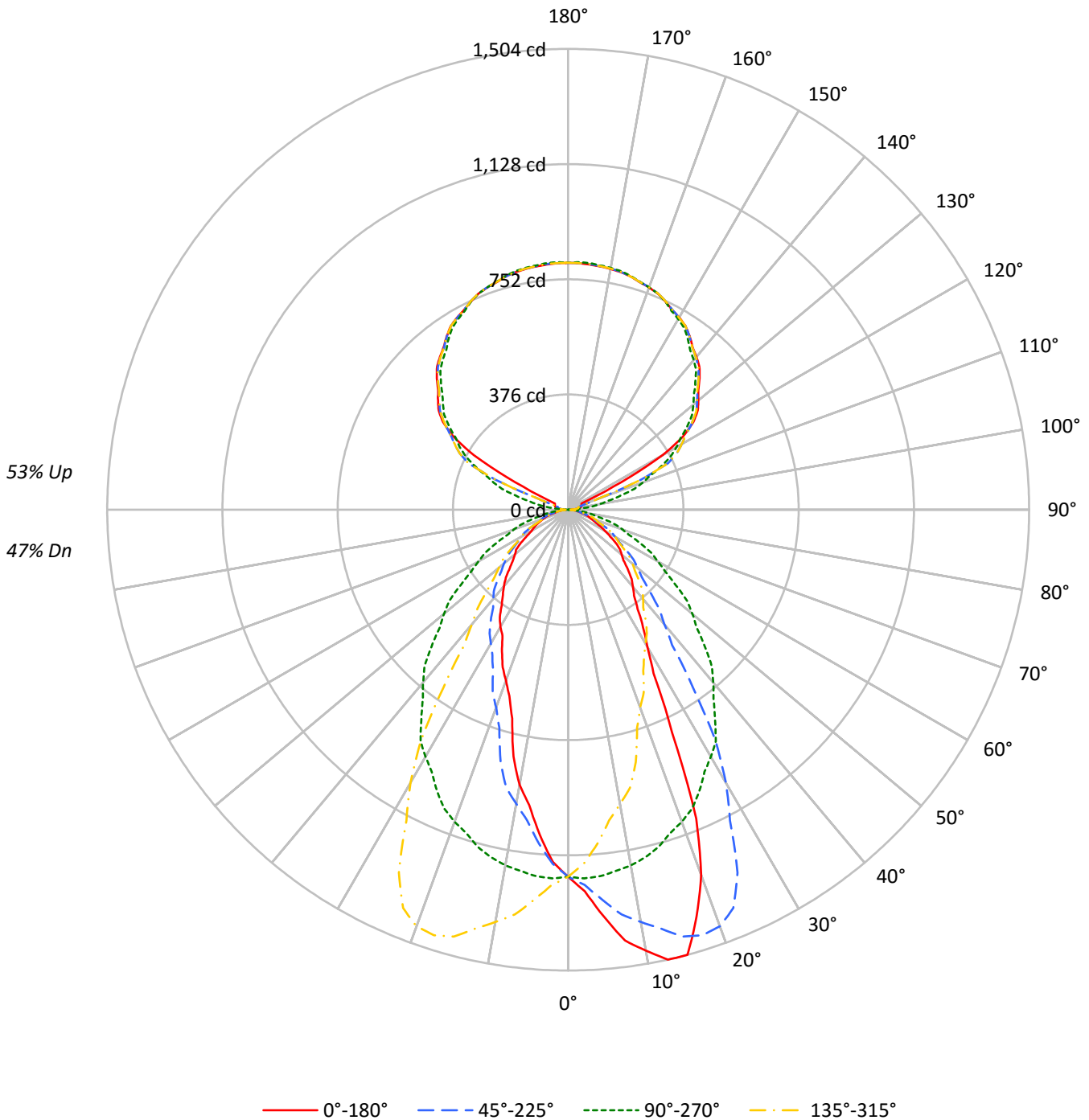
Input Watts (W): 45.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	106	106	106	106	98	98	98	98	82	82	82	67	67	67	53	53	53	47
1	98	94	90	87	90	86	83	80	72	70	68	60	58	57	48	47	46	41
2	90	83	77	72	82	76	71	67	64	61	58	53	51	49	43	42	40	35
3	82	73	67	61	75	68	62	57	58	53	50	48	45	42	39	37	35	31
4	76	66	58	52	69	61	54	49	52	47	43	43	40	37	35	33	31	27
5	70	59	51	45	64	55	48	43	47	42	38	39	35	33	32	30	28	24
6	65	53	45	40	59	49	43	38	42	37	33	36	32	29	30	27	25	22
7	60	48	41	35	55	45	38	33	39	33	30	33	29	26	27	25	22	20
8	56	44	37	32	51	41	35	30	36	30	27	30	26	23	25	22	20	18
9	52	40	33	28	48	38	31	27	33	28	24	28	24	21	24	21	19	16
10	49	37	30	26	45	35	29	24	30	25	22	26	22	20	22	19	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	19339	19339	19339	19339
5°	21598	19460	17253	19460
10°	23963	19323	14955	19323
15°	25142	19041	11784	19041
20°	21795	18620	10198	18620
25°	14295	18045	9103	18045
30°	9622	17350	8240	17350
35°	7792	16472	7433	16472
40°	6930	15517	6877	15517
45°	6272	14397	6140	14397
50°	5707	13288	5687	13288
55°	5365	12056	5295	12056
60°	4489	10924	4434	10924
65°	3786	9922	4290	9922
70°	3498	8861	4050	8861
75°	3269	7711	3737	7711
80°	3013	6341	3329	6341
85°	2779	5020	2927	5020



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.5	2.6
10°-20°	316.4	7.1
20°-30°	407.7	9.2
30°-40°	387.4	8.7
40°-50°	331.9	7.5
50°-60°	252.7	5.7
60°-70°	159.8	3.6
70°-80°	79.8	1.8
80°-90°	22.8	0.5
90°-100°	26.9	0.6
100°-110°	98.6	2.2
110°-120°	263.5	5.9
120°-130°	435.0	9.8
130°-140°	462.7	10.4
140°-150°	430.0	9.7
150°-160°	345.7	7.8
160°-170°	222.8	5.0
170°-180°	76.7	1.7
0°-30°	837.6	18.9
0°-40°	1225.0	27.6
0°-60°	1809.6	40.8
0°-90°	2071.9	46.7
90°-120°	389.0	8.8
90°-150°	1716.8	38.7
90°-180°	2362.0	53.3
0°-180°	4434.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1198	1198	1198	1198	1198	
5°	1333	1201	1064	1201	1333	132
15°	1504	1139	705	1139	1504	406
25°	802	1013	511	1013	802	381
35°	395	836	377	836	395	253
45°	275	630	269	630	275	213
55°	191	428	188	428	191	167
65°	99	260	112	260	99	101
75°	52	124	60	124	52	56
85°	15	27	16	27	15	16
90°	16	1	16	1	16	8
95°	25	38	25	38	25	23
105°	44	177	44	177	44	46
115°	48	335	48	335	48	120
125°	499	474	499	474	499	431
135°	606	587	606	587	606	467
145°	691	681	691	681	691	432
155°	750	749	750	749	750	346
165°	788	790	788	790	788	222
175°	803	808	803	808	803	76
180°	806	806	806	806	806	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8
2.5°	1246.3	1247.3	1248.4	1246.0	1246.0	1244.0	1239.7	1236.4	1227.0	1225.7	1225.7
5°	1332.6	1331.7	1333.4	1328.0	1320.5	1318.8	1310.9	1300.6	1289.7	1277.7	1275.1
7.5°	1418.3	1417.1	1413.7	1412.8	1407.0	1394.5	1381.8	1368.2	1350.2	1332.7	1323.9
10°	1461.6	1475.4	1467.0	1452.5	1455.4	1435.8	1425.4	1407.5	1392.5	1366.3	1360.5
12.5°	1504.2	1509.6	1507.0	1498.7	1494.9	1481.4	1467.4	1451.8	1424.2	1400.6	1380.1
15°	1504.1	1512.0	1514.0	1511.6	1513.6	1512.8	1505.3	1492.4	1468.3	1442.4	1420.0
17.5°	1393.0	1398.5	1412.2	1421.4	1433.1	1457.7	1469.8	1474.6	1471.0	1456.3	1440.5
20°	1268.5	1259.3	1297.6	1317.2	1333.8	1375.4	1411.2	1425.0	1447.0	1446.6	1442.4
22.5°	1092.0	1094.2	1130.5	1153.7	1202.3	1243.9	1284.7	1336.4	1379.1	1407.3	1423.8
25°	802.4	818.2	854.4	886.1	940.1	1017.6	1087.9	1169.5	1246.4	1307.2	1365.1
27.5°	602.6	603.8	632.5	661.7	693.8	757.2	845.8	943.2	1053.0	1143.5	1247.7
30°	516.1	513.6	525.6	543.6	571.0	620.1	686.6	782.4	891.9	1028.3	1149.9
32.5°	454.8	454.9	464.1	477.3	500.1	533.2	578.8	656.6	760.0	894.2	1036.7
35°	395.3	394.9	401.6	411.2	420.8	442.0	473.2	514.0	585.1	710.4	856.1
37.5°	352.8	354.6	357.8	363.8	374.4	386.2	405.0	432.4	483.0	557.1	679.6
40°	328.8	329.6	334.2	339.2	345.4	354.6	370.0	392.0	429.1	488.2	577.6
42.5°	306.8	307.6	310.9	315.5	320.4	329.6	342.3	361.4	391.4	437.6	511.4
45°	274.7	274.7	277.6	279.6	285.1	293.4	303.8	319.6	340.5	374.5	423.6
47.5°	244.5	244.6	246.5	250.1	253.6	260.0	270.3	283.2	298.3	324.7	366.6
50°	227.2	227.6	228.9	231.8	233.9	239.7	247.6	258.9	274.7	295.1	330.0
52.5°	213.3	213.0	214.6	215.8	217.3	221.4	227.3	237.3	251.4	269.1	298.1
55°	190.6	188.9	191.4	193.6	194.8	196.4	199.7	206.0	218.1	233.1	254.7
57.5°	162.3	161.7	163.4	165.3	169.3	173.7	176.5	180.5	186.8	197.5	219.0
60°	139.0	139.0	142.8	144.0	148.5	154.4	160.2	163.5	169.8	176.8	192.7
62.5°	118.4	118.7	120.4	121.7	124.3	131.4	139.6	146.9	152.8	159.6	170.1
65°	99.1	99.9	99.9	100.7	102.4	104.0	107.4	113.2	123.6	133.1	141.0
67.5°	84.1	84.3	84.5	85.4	85.9	87.6	88.9	91.6	94.0	103.1	112.8
70°	74.1	75.3	74.9	75.7	76.1	77.0	78.7	79.9	83.6	85.8	91.6
72.5°	64.7	65.6	65.6	66.1	67.2	67.3	68.6	70.0	72.3	74.1	77.2
75°	52.4	52.0	52.4	53.2	53.6	54.1	54.1	55.8	57.0	58.7	60.7
77.5°	40.4	40.8	40.8	40.8	40.9	41.7	41.6	42.4	43.6	44.4	45.4
80°	32.4	32.9	32.4	32.9	33.3	33.7	33.3	33.7	35.0	35.8	35.8
82.5°	25.1	25.2	25.4	25.5	25.6	25.7	26.3	26.4	27.3	27.1	27.5
85°	15.0	14.6	14.6	14.6	15.0	15.4	15.0	15.0	15.4	15.4	15.4
87.5°	8.5	8.7	8.7	8.6	8.6	8.5	8.4	8.6	8.2	8.3	7.7
90°	15.7	15.5	15.2	15.0	14.7	14.3	13.6	13.0	12.3	11.7	10.6
92.5°	15.7	15.6	15.4	15.2	15.2	14.8	14.5	14.2	13.9	13.5	13.0
95°	25.1	25.2	25.4	25.4	25.6	25.4	24.7	24.1	23.4	22.7	21.9
97.5°	33.5	33.3	33.2	33.0	32.9	32.5	32.0	31.5	31.0	30.4	28.4
100°	39.1	38.8	38.6	38.3	38.1	37.4	36.4	35.3	34.2	33.3	31.1
102.5°	41.9	41.5	41.2	40.8	40.4	39.5	38.2	36.9	35.5	34.2	32.6
105°	44.4	43.8	43.3	42.8	42.2	41.3	39.9	38.4	37.0	35.5	34.2
107.5°	45.6	45.1	44.6	44.0	43.5	44.0	45.4	46.9	48.3	49.8	52.2
110°	46.1	45.6	45.0	44.5	44.0	50.2	63.2	76.1	89.1	102.1	139.5



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	46.6	46.1	45.7	45.3	44.8	68.3	115.6	162.9	210.2	257.4	266.7
115°	47.9	57.2	66.4	75.8	85.1	119.8	179.9	239.9	299.9	359.9	356.6
117.5°	195.3	225.9	256.6	287.2	317.9	340.5	355.0	369.6	384.1	398.6	396.3
120°	355.8	373.2	390.8	408.2	425.7	433.7	432.2	430.6	429.0	427.5	425.2
122.5°	443.9	447.4	450.7	454.1	457.5	458.8	457.8	456.9	455.9	455.0	452.5
125°	498.6	498.2	497.9	497.5	497.1	496.4	495.5	494.6	493.7	492.8	490.3
127.5°	533.2	533.1	533.0	533.0	532.9	532.1	530.8	529.5	528.2	526.8	525.1
130°	554.6	554.7	554.9	555.1	555.1	554.5	553.1	551.6	550.2	548.8	547.4
132.5°	575.6	575.8	575.9	576.0	576.2	575.6	574.4	573.2	571.9	570.7	569.3
135°	605.9	606.2	606.5	606.7	607.0	606.5	605.2	603.9	602.6	601.3	600.1
137.5°	633.6	634.1	634.5	635.0	635.4	635.0	633.7	632.4	631.1	629.9	628.5
140°	650.9	651.5	652.2	652.8	653.5	653.2	652.0	650.9	649.7	648.6	647.1
142.5°	667.6	668.3	669.0	669.6	670.3	670.0	669.0	667.9	666.8	665.8	664.1
145°	691.1	691.8	692.4	693.1	693.7	693.6	692.7	691.8	690.9	689.9	687.7
147.5°	711.8	712.3	712.8	713.4	714.0	713.9	713.2	712.5	711.8	711.2	709.0
150°	724.3	725.0	725.6	726.3	726.9	726.8	726.1	725.3	724.6	723.7	721.7
152.5°	735.1	736.0	736.8	737.7	738.5	738.6	737.8	736.9	736.2	735.4	733.4
155°	750.0	751.1	752.1	753.1	754.2	754.3	753.5	752.8	752.0	751.1	749.6
157.5°	763.7	764.7	765.6	766.7	767.7	767.8	766.9	766.0	765.2	764.3	763.1
160°	771.6	772.5	773.4	774.3	775.2	775.3	774.5	773.7	773.0	772.2	771.4
162.5°	778.1	779.3	780.3	781.5	782.6	782.7	781.8	780.9	780.1	779.2	778.5
165°	787.9	788.8	789.7	790.7	791.6	791.6	790.7	789.7	788.8	787.9	787.5
167.5°	794.1	795.2	796.5	797.6	798.7	798.9	798.0	797.1	796.1	795.2	794.9
170°	797.9	799.0	800.1	801.4	802.5	802.7	801.7	800.8	799.9	799.0	798.7
172.5°	800.6	801.8	803.0	804.1	805.3	805.4	804.5	803.6	802.7	801.8	801.5
175°	803.1	804.4	805.7	807.0	808.3	808.5	807.6	806.7	805.8	804.9	804.5
177.5°	804.6	805.5	806.5	807.4	808.4	808.5	807.7	807.0	806.2	805.5	805.4
180°	806.0	806.0	806.0	806.0	806.0	806.0	806.0	806.0	806.0	806.0	806.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8
2.5°	1226.4	1223.7	1221.4	1215.4	1212.4	1205.7	1204.8	1204.4	1195.7	1187.4	1185.1
5°	1268.5	1261.8	1251.8	1240.2	1228.1	1215.6	1207.3	1200.7	1184.0	1168.2	1159.0
7.5°	1310.9	1296.7	1279.4	1257.4	1238.9	1218.3	1203.0	1189.3	1165.6	1143.0	1127.7
10°	1342.6	1319.2	1296.4	1266.0	1242.3	1219.0	1197.3	1178.6	1151.9	1122.0	1100.7
12.5°	1362.2	1336.6	1305.0	1275.3	1244.6	1215.0	1186.0	1162.0	1130.7	1099.7	1074.5
15°	1388.8	1361.3	1323.0	1280.6	1241.0	1202.3	1169.1	1139.1	1098.3	1061.3	1030.5
17.5°	1410.5	1372.7	1331.5	1282.5	1236.7	1187.5	1144.6	1106.4	1060.9	1016.3	980.0
20°	1417.5	1380.1	1332.6	1283.4	1229.4	1171.5	1125.4	1083.7	1035.0	986.3	944.7
22.5°	1413.2	1384.1	1331.2	1272.5	1217.1	1156.5	1104.3	1056.1	1002.1	952.4	904.1
25°	1383.8	1373.8	1323.9	1259.7	1196.5	1126.2	1065.8	1012.9	951.4	898.1	845.6
27.5°	1315.2	1336.8	1305.9	1237.6	1167.3	1091.8	1024.0	963.8	899.9	840.0	787.7
30°	1249.4	1298.9	1285.6	1222.3	1143.6	1069.6	993.4	930.6	862.3	800.7	749.1
32.5°	1159.1	1241.0	1253.9	1201.0	1119.7	1038.3	958.5	895.9	824.7	759.8	709.5
35°	1015.5	1137.8	1194.0	1160.3	1078.7	990.9	908.5	835.7	764.1	700.0	650.0
37.5°	844.1	1010.7	1104.3	1106.8	1031.8	940.5	850.8	778.5	705.2	642.3	588.3
40°	732.9	913.5	1035.4	1062.5	999.2	900.6	809.8	736.2	664.6	603.0	541.0
42.5°	633.0	812.9	962.9	1009.9	959.6	861.6	770.6	693.6	624.0	565.7	502.4
45°	511.9	669.2	834.5	918.5	890.6	799.9	703.8	630.5	565.2	514.8	454.0
47.5°	431.8	542.7	702.5	816.3	815.8	733.0	638.4	568.3	507.7	460.5	411.2
50°	386.2	482.7	618.0	747.1	757.8	688.4	598.4	529.0	472.4	422.8	383.3
52.5°	345.3	424.9	546.4	670.1	700.9	640.7	553.5	489.3	434.4	388.9	355.0
55°	291.7	353.4	445.7	561.4	608.1	565.6	488.2	428.3	383.7	345.4	316.3
57.5°	246.8	293.0	367.1	460.3	514.5	487.9	424.0	375.3	337.2	302.6	279.6
60°	218.5	256.3	319.2	397.1	457.0	438.2	383.7	338.3	305.9	275.9	254.3
62.5°	191.8	224.4	278.3	341.4	396.4	388.7	344.1	306.1	277.6	250.3	232.0
65°	154.4	178.1	220.1	269.7	313.8	317.6	285.5	259.7	234.3	212.6	196.4
67.5°	122.9	138.4	168.0	209.8	242.8	254.6	235.1	215.3	195.2	178.5	164.4
70°	103.6	116.1	137.8	171.5	201.9	214.3	203.1	187.7	170.2	156.5	144.4
72.5°	84.0	96.1	112.1	136.8	162.9	176.3	172.4	161.4	147.2	135.8	124.4
75°	63.3	67.0	77.9	94.5	114.9	126.5	129.5	123.6	112.3	103.6	96.9
77.5°	46.8	49.0	54.2	62.9	76.2	86.7	90.9	90.3	82.5	77.4	71.2
80°	37.4	38.7	41.2	44.9	55.0	65.3	68.2	68.2	62.9	60.7	54.5
82.5°	28.5	29.4	30.9	32.9	37.6	46.7	50.0	50.6	47.2	44.4	39.5
85°	16.2	15.8	16.6	17.9	18.8	21.2	26.3	27.1	26.3	22.9	21.6
87.5°	7.6	7.7	7.5	6.9	6.9	7.0	8.4	9.8	8.7	8.0	7.7
90°	9.6	8.6	7.5	6.3	4.9	3.4	2.0	0.6	2.0	3.4	4.9
92.5°	12.5	12.0	11.5	11.3	11.4	11.5	11.7	11.7	11.7	11.5	11.4
95°	21.0	20.1	19.1	20.8	25.1	29.4	33.7	37.9	33.7	29.4	25.1
97.5°	26.3	24.1	22.0	27.0	39.1	51.1	63.2	75.3	63.2	51.1	39.1
100°	28.9	26.7	24.5	32.2	50.0	67.8	85.4	103.2	85.4	67.8	50.0
102.5°	71.0	89.4	107.9	119.0	122.8	126.5	130.3	134.0	130.3	126.5	122.8
105°	106.3	141.7	177.1	192.8	189.0	185.1	181.2	177.3	181.2	185.1	189.0
107.5°	134.7	177.1	219.6	239.2	236.0	232.9	229.8	226.7	229.8	232.9	236.0
110°	177.0	214.4	251.8	269.2	266.5	263.8	261.1	258.4	261.1	263.8	266.5



TEST NUMBER: P331687-930

CATALOG NUMBER: S122RDIP-S675D725U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	275.9	285.2	294.4	297.8	295.5	293.0	290.7	288.2	290.7	293.0	295.5
115°	353.4	350.1	346.9	344.1	341.9	339.7	337.5	335.3	337.5	339.7	341.9
117.5°	394.1	391.9	389.6	387.3	384.8	382.4	379.9	377.5	379.9	382.4	384.8
120°	422.8	420.5	418.2	416.0	414.1	412.1	410.2	408.2	410.2	412.1	414.1
122.5°	450.0	447.4	444.8	442.5	440.5	438.5	436.4	434.4	436.4	438.5	440.5
125°	487.9	485.4	483.0	480.9	479.2	477.5	475.8	474.2	475.8	477.5	479.2
127.5°	523.2	521.4	519.5	517.6	515.8	514.0	512.1	510.2	512.1	514.0	515.8
130°	545.9	544.5	543.1	541.4	539.2	537.2	535.2	533.0	535.2	537.2	539.2
132.5°	567.9	566.5	565.0	563.5	561.7	559.9	558.2	556.4	558.2	559.9	561.7
135°	598.9	597.8	596.6	595.0	593.0	590.8	588.8	586.7	588.8	590.8	593.0
137.5°	627.2	625.9	624.6	623.2	621.7	620.3	618.8	617.4	618.8	620.3	621.7
140°	645.7	644.2	642.9	641.6	640.6	639.5	638.5	637.5	638.5	639.5	640.6
142.5°	662.5	660.9	659.3	657.9	657.0	656.2	655.2	654.3	655.2	656.2	657.0
145°	685.5	683.3	681.1	680.1	680.2	680.4	680.4	680.6	680.4	680.4	680.2
147.5°	706.8	704.7	702.5	701.6	702.1	702.6	703.1	703.6	703.1	702.6	702.1
150°	719.6	717.5	715.5	714.9	715.8	716.7	717.6	718.5	717.6	716.7	715.8
152.5°	731.5	729.5	727.6	727.1	728.1	729.1	730.1	731.1	730.1	729.1	728.1
155°	748.0	746.5	744.9	744.8	745.9	747.1	748.3	749.4	748.3	747.1	745.9
157.5°	762.1	761.0	759.9	759.9	760.8	761.8	762.8	763.8	762.8	761.8	760.8
160°	770.6	769.8	769.1	769.1	769.8	770.6	771.4	772.2	771.4	770.6	769.8
162.5°	777.8	777.1	776.5	776.5	777.3	778.1	778.9	779.7	778.9	778.1	777.3
165°	787.2	786.8	786.4	786.5	787.3	788.1	788.9	789.7	788.9	788.1	787.3
167.5°	794.5	794.2	793.8	794.0	794.8	795.6	796.4	797.1	796.4	795.6	794.8
170°	798.5	798.3	797.9	798.3	799.0	799.8	800.5	801.4	800.5	799.8	799.0
172.5°	801.3	801.0	800.8	801.0	801.8	802.6	803.3	804.1	803.3	802.6	801.8
175°	804.3	804.0	803.8	804.1	805.0	805.9	806.8	807.7	806.8	805.9	805.0
177.5°	805.4	805.2	805.1	805.4	806.2	806.9	807.6	808.4	807.6	806.9	806.2
180°	806.0	806.0	806.0	806.0	806.0	806.0	806.0	806.0	806.0	806.0	806.0



TEST NUMBER: P331687-930

CATALOG NUMBER: S122RDIP-S675D725U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8
2.5°	1180.8	1178.4	1174.1	1167.4	1163.4	1156.4	1151.8	1154.5	1155.1	1154.5	1153.8
5°	1149.1	1140.3	1128.2	1116.6	1105.8	1094.1	1087.4	1084.5	1078.7	1075.4	1073.7
7.5°	1110.7	1095.6	1078.6	1058.3	1041.0	1023.0	1013.7	1009.1	997.2	990.8	985.0
10°	1082.1	1058.3	1041.3	1014.6	998.4	974.7	958.5	958.9	942.6	933.4	926.8
12.5°	1050.4	1024.3	996.0	972.0	949.4	930.4	910.9	902.9	885.7	876.9	858.9
15°	998.0	967.6	937.7	905.1	882.3	852.7	824.4	789.9	762.0	737.8	731.2
17.5°	940.7	903.1	873.0	834.9	795.7	746.0	713.2	693.2	676.4	663.7	654.1
20°	901.4	863.2	831.1	773.6	720.8	687.1	663.0	647.6	630.1	616.4	608.9
22.5°	860.1	820.2	776.5	712.4	671.2	644.2	622.6	605.0	593.1	582.4	575.6
25°	801.5	757.8	685.8	641.7	608.5	580.2	565.2	554.3	541.8	527.3	520.7
27.5°	739.6	670.1	618.4	585.6	553.8	535.4	522.0	505.8	494.6	488.1	481.2
30°	693.3	623.9	583.5	547.7	525.2	504.8	489.0	479.9	469.0	457.8	453.2
32.5°	641.7	586.2	547.6	517.7	494.9	477.5	465.0	450.2	442.4	435.5	425.9
35°	577.6	535.7	500.3	476.1	454.4	440.3	425.7	417.0	402.8	397.1	393.3
37.5°	523.3	486.9	460.6	435.0	417.9	402.3	393.4	379.4	373.3	365.3	357.3
40°	492.8	457.0	431.5	410.7	391.6	379.9	368.8	357.5	348.3	344.6	335.0
42.5°	461.5	432.4	406.9	384.1	371.3	359.0	344.8	336.6	327.0	321.0	315.0
45°	418.2	392.5	370.8	352.0	337.9	325.1	315.8	302.1	296.8	284.6	279.6
47.5°	380.3	356.3	335.7	317.9	304.0	295.6	282.3	271.5	262.9	255.4	249.1
50°	353.4	333.4	313.4	297.6	285.1	273.0	259.3	253.9	240.5	236.8	233.1
52.5°	328.7	309.7	291.4	275.9	263.4	251.7	239.6	232.5	223.6	219.8	217.1
55°	294.2	275.9	258.4	244.7	232.2	220.1	212.6	203.9	199.7	196.8	193.6
57.5°	259.6	243.1	229.8	215.8	203.3	193.7	185.0	179.8	175.5	171.6	167.6
60°	237.7	221.8	209.8	196.8	183.9	176.0	169.4	163.1	158.2	152.3	150.7
62.5°	214.3	200.5	189.5	176.8	165.7	158.4	152.1	146.2	140.1	131.7	129.3
65°	182.3	171.5	159.8	149.4	139.4	132.3	123.2	116.5	114.1	113.2	112.8
67.5°	153.4	143.1	133.1	122.5	113.3	106.8	102.2	101.1	99.4	98.9	97.8
70°	134.0	124.4	114.5	104.4	95.7	94.5	92.8	91.2	89.0	88.2	87.4
72.5°	116.7	106.8	96.8	88.8	85.0	83.5	81.9	80.1	78.8	77.9	77.4
75°	89.4	80.3	73.7	70.8	68.6	67.4	64.9	63.7	62.9	61.6	61.1
77.5°	64.4	59.3	56.2	54.4	52.2	50.9	49.4	48.2	47.3	47.0	46.4
80°	49.1	46.6	44.5	42.1	41.2	39.5	39.1	37.9	38.3	37.0	37.0
82.5°	38.2	35.0	33.2	32.0	31.2	29.9	29.4	28.9	28.9	28.0	28.0
85°	19.6	18.8	17.9	17.0	17.0	15.8	16.2	15.8	15.8	15.0	14.6
87.5°	7.6	7.5	7.0	7.3	7.4	7.3	7.4	7.3	7.4	7.5	7.3
90°	6.3	7.5	8.6	9.6	10.6	11.7	12.3	13.0	13.6	14.3	14.7
92.5°	11.3	11.5	12.0	12.5	13.0	13.5	13.9	14.2	14.5	14.8	15.2
95°	20.8	19.1	20.1	21.0	21.9	22.7	23.4	24.1	24.7	25.4	25.6
97.5°	27.0	22.0	24.1	26.3	28.4	30.4	31.0	31.5	32.0	32.5	32.9
100°	32.2	24.5	26.7	28.9	31.1	33.3	34.2	35.3	36.4	37.4	38.1
102.5°	119.0	107.9	89.4	71.0	52.6	34.2	35.5	36.9	38.2	39.5	40.4
105°	192.8	177.1	141.7	106.3	70.9	35.5	37.0	38.4	39.9	41.3	42.2
107.5°	239.2	219.6	177.1	134.7	92.2	49.8	48.3	46.9	45.4	44.0	43.5
110°	269.2	251.8	214.4	177.0	139.5	102.1	89.1	76.1	63.2	50.2	44.0



TEST NUMBER: P331687-930

CATALOG NUMBER: S122RDIP-S675D725U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	297.8	294.4	285.2	275.9	266.7	257.4	210.2	162.9	115.6	68.3	44.8
115°	344.1	346.9	350.1	353.4	356.6	359.9	299.9	239.9	179.9	119.8	85.1
117.5°	387.3	389.6	391.9	394.1	396.3	398.6	384.1	369.6	355.0	340.5	317.9
120°	416.0	418.2	420.5	422.8	425.2	427.5	429.0	430.6	432.2	433.7	425.7
122.5°	442.5	444.8	447.4	450.0	452.5	455.0	455.9	456.9	457.8	458.8	457.5
125°	480.9	483.0	485.4	487.9	490.3	492.8	493.7	494.6	495.5	496.4	497.1
127.5°	517.6	519.5	521.4	523.2	525.1	526.8	528.2	529.5	530.8	532.1	532.9
130°	541.4	543.1	544.5	545.9	547.4	548.8	550.2	551.6	553.1	554.5	555.1
132.5°	563.5	565.0	566.5	567.9	569.3	570.7	571.9	573.2	574.4	575.6	576.2
135°	595.0	596.6	597.8	598.9	600.1	601.3	602.6	603.9	605.2	606.5	607.0
137.5°	623.2	624.6	625.9	627.2	628.5	629.9	631.1	632.4	633.7	635.0	635.4
140°	641.6	642.9	644.2	645.7	647.1	648.6	649.7	650.9	652.0	653.2	653.5
142.5°	657.9	659.3	660.9	662.5	664.1	665.8	666.8	667.9	669.0	670.0	670.3
145°	680.1	681.1	683.3	685.5	687.7	689.9	690.9	691.8	692.7	693.6	693.7
147.5°	701.6	702.5	704.7	706.8	709.0	711.2	711.8	712.5	713.2	713.9	714.0
150°	714.9	715.5	717.5	719.6	721.7	723.7	724.6	725.3	726.1	726.8	726.9
152.5°	727.1	727.6	729.5	731.5	733.4	735.4	736.2	736.9	737.8	738.6	738.5
155°	744.8	744.9	746.5	748.0	749.6	751.1	752.0	752.8	753.5	754.3	754.2
157.5°	759.9	759.9	761.0	762.1	763.1	764.3	765.2	766.0	766.9	767.8	767.7
160°	769.1	769.1	769.8	770.6	771.4	772.2	773.0	773.7	774.5	775.3	775.2
162.5°	776.5	776.5	777.1	777.8	778.5	779.2	780.1	780.9	781.8	782.7	782.6
165°	786.5	786.4	786.8	787.2	787.5	787.9	788.8	789.7	790.7	791.6	791.6
167.5°	794.0	793.8	794.2	794.5	794.9	795.2	796.1	797.1	798.0	798.9	798.7
170°	798.3	797.9	798.3	798.5	798.7	799.0	799.9	800.8	801.7	802.7	802.5
172.5°	801.0	800.8	801.0	801.3	801.5	801.8	802.7	803.6	804.5	805.4	805.3
175°	804.1	803.8	804.0	804.3	804.5	804.9	805.8	806.7	807.6	808.5	808.3
177.5°	805.4	805.1	805.2	805.4	805.4	805.5	806.2	807.0	807.7	808.5	808.4
180°	806.0	806.0	806.0	806.0	806.0	806.0	806.0	806.0	806.0	806.0	806.0



TEST NUMBER: P331687-930

CATALOG NUMBER: S122RDIP-S675D725U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8
2.5°	1150.1	1150.8	1149.8	1150.5	1149.8	1150.8	1150.1	1153.8	1154.5	1155.1	1154.5
5°	1071.6	1066.7	1065.8	1064.5	1065.8	1066.7	1071.6	1073.7	1075.4	1078.7	1084.5
7.5°	978.0	977.1	975.1	972.2	975.1	977.1	978.0	985.0	990.8	997.2	1009.1
10°	917.6	915.6	915.2	912.2	915.2	915.6	917.6	926.8	933.4	942.6	958.9
12.5°	847.1	833.6	832.3	825.0	832.3	833.6	847.1	858.9	876.9	885.7	902.9
15°	721.2	718.8	710.4	705.0	710.4	718.8	721.2	731.2	737.8	762.0	789.9
17.5°	649.3	641.2	638.5	637.4	638.5	641.2	649.3	654.1	663.7	676.4	693.2
20°	603.0	595.6	594.3	593.5	594.3	595.6	603.0	608.9	616.4	630.1	647.6
22.5°	571.0	563.2	560.0	557.5	560.0	563.2	571.0	575.6	582.4	593.1	605.0
25°	516.5	513.6	511.9	511.0	511.9	513.6	516.5	520.7	527.3	541.8	554.3
27.5°	473.8	467.3	466.1	464.0	466.1	467.3	473.8	481.2	488.1	494.6	505.8
30°	449.5	447.4	444.5	442.0	444.5	447.4	449.5	453.2	457.8	469.0	479.9
32.5°	420.9	419.1	416.5	415.3	416.5	419.1	420.9	425.9	435.5	442.4	450.2
35°	389.1	383.3	380.8	377.1	380.8	383.3	389.1	393.3	397.1	402.8	417.0
37.5°	355.6	352.5	349.0	350.3	349.0	352.5	355.6	357.3	365.3	373.3	379.4
40°	329.6	327.5	326.7	326.3	326.7	327.5	329.6	335.0	344.6	348.3	357.5
42.5°	309.0	303.2	301.1	301.0	301.1	303.2	309.0	315.0	321.0	327.0	336.6
45°	277.6	272.1	268.4	268.9	268.4	272.1	277.6	279.6	284.6	296.8	302.1
47.5°	245.5	245.3	243.0	243.7	243.0	245.3	245.5	249.1	255.4	262.9	271.5
50°	230.2	227.6	226.0	226.4	226.0	227.6	230.2	233.1	236.8	240.5	253.9
52.5°	215.5	213.4	212.0	213.8	212.0	213.4	215.5	217.1	219.8	223.6	232.5
55°	191.4	188.9	188.5	188.1	188.5	188.9	191.4	193.6	196.8	199.7	203.9
57.5°	164.5	162.9	160.4	159.3	160.4	162.9	164.5	167.6	171.6	175.5	179.8
60°	145.2	141.9	137.8	137.3	137.8	141.9	145.2	150.7	152.3	158.2	163.1
62.5°	127.6	126.9	126.1	126.0	126.1	126.9	127.6	129.3	131.7	140.1	146.2
65°	111.9	111.5	111.9	112.3	111.9	111.5	111.9	112.8	113.2	114.1	116.5
67.5°	97.6	96.8	96.0	96.4	96.0	96.8	97.6	97.8	98.9	99.4	101.1
70°	86.6	86.2	85.8	85.8	85.8	86.2	86.6	87.4	88.2	89.0	91.2
72.5°	75.9	75.8	75.4	75.1	75.4	75.8	75.9	77.4	77.9	78.8	80.1
75°	60.7	59.9	59.9	59.9	59.9	59.9	60.7	61.1	61.6	62.9	63.7
77.5°	46.3	45.9	45.4	45.1	45.4	45.9	46.3	46.4	47.0	47.3	48.2
80°	36.6	36.2	35.8	35.8	35.8	36.2	36.6	37.0	37.0	38.3	37.9
82.5°	28.0	27.6	27.5	27.1	27.5	27.6	28.0	28.0	28.0	28.9	28.9
85°	15.0	15.4	15.0	15.8	15.0	15.4	15.0	14.6	15.0	15.8	15.8
87.5°	7.3	7.0	7.4	7.2	7.4	7.0	7.3	7.3	7.5	7.4	7.3
90°	15.0	15.2	15.5	15.7	15.5	15.2	15.0	14.7	14.3	13.6	13.0
92.5°	15.2	15.4	15.6	15.7	15.6	15.4	15.2	15.2	14.8	14.5	14.2
95°	25.4	25.4	25.2	25.1	25.2	25.4	25.4	25.6	25.4	24.7	24.1
97.5°	33.0	33.2	33.3	33.5	33.3	33.2	33.0	32.9	32.5	32.0	31.5
100°	38.3	38.6	38.8	39.1	38.8	38.6	38.3	38.1	37.4	36.4	35.3
102.5°	40.8	41.2	41.5	41.9	41.5	41.2	40.8	40.4	39.5	38.2	36.9
105°	42.8	43.3	43.8	44.4	43.8	43.3	42.8	42.2	41.3	39.9	38.4
107.5°	44.0	44.6	45.1	45.6	45.1	44.6	44.0	43.5	44.0	45.4	46.9
110°	44.5	45.0	45.6	46.1	45.6	45.0	44.5	44.0	50.2	63.2	76.1



TEST NUMBER: P331687-930

CATALOG NUMBER: S122RDIP-S675D725U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	45.3	45.7	46.1	46.6	46.1	45.7	45.3	44.8	68.3	115.6	162.9
115°	75.8	66.4	57.2	47.9	57.2	66.4	75.8	85.1	119.8	179.9	239.9
117.5°	287.2	256.6	225.9	195.3	225.9	256.6	287.2	317.9	340.5	355.0	369.6
120°	408.2	390.8	373.2	355.8	373.2	390.8	408.2	425.7	433.7	432.2	430.6
122.5°	454.1	450.7	447.4	443.9	447.4	450.7	454.1	457.5	458.8	457.8	456.9
125°	497.5	497.9	498.2	498.6	498.2	497.9	497.5	497.1	496.4	495.5	494.6
127.5°	533.0	533.0	533.1	533.2	533.1	533.0	533.0	532.9	532.1	530.8	529.5
130°	555.1	554.9	554.7	554.6	554.7	554.9	555.1	555.1	554.5	553.1	551.6
132.5°	576.0	575.9	575.8	575.6	575.8	575.9	576.0	576.2	575.6	574.4	573.2
135°	606.7	606.5	606.2	605.9	606.2	606.5	606.7	607.0	606.5	605.2	603.9
137.5°	635.0	634.5	634.1	633.6	634.1	634.5	635.0	635.4	635.0	633.7	632.4
140°	652.8	652.2	651.5	650.9	651.5	652.2	652.8	653.5	653.2	652.0	650.9
142.5°	669.6	669.0	668.3	667.6	668.3	669.0	669.6	670.3	670.0	669.0	667.9
145°	693.1	692.4	691.8	691.1	691.8	692.4	693.1	693.7	693.6	692.7	691.8
147.5°	713.4	712.8	712.3	711.8	712.3	712.8	713.4	714.0	713.9	713.2	712.5
150°	726.3	725.6	725.0	724.3	725.0	725.6	726.3	726.9	726.8	726.1	725.3
152.5°	737.7	736.8	736.0	735.1	736.0	736.8	737.7	738.5	738.6	737.8	736.9
155°	753.1	752.1	751.1	750.0	751.1	752.1	753.1	754.2	754.3	753.5	752.8
157.5°	766.7	765.6	764.7	763.7	764.7	765.6	766.7	767.7	767.8	766.9	766.0
160°	774.3	773.4	772.5	771.6	772.5	773.4	774.3	775.2	775.3	774.5	773.7
162.5°	781.5	780.3	779.3	778.1	779.3	780.3	781.5	782.6	782.7	781.8	780.9
165°	790.7	789.7	788.8	787.9	788.8	789.7	790.7	791.6	791.6	790.7	789.7
167.5°	797.6	796.5	795.2	794.1	795.2	796.5	797.6	798.7	798.9	798.0	797.1
170°	801.4	800.1	799.0	797.9	799.0	800.1	801.4	802.5	802.7	801.7	800.8
172.5°	804.1	803.0	801.8	800.6	801.8	803.0	804.1	805.3	805.4	804.5	803.6
175°	807.0	805.7	804.4	803.1	804.4	805.7	807.0	808.3	808.5	807.6	806.7
177.5°	807.4	806.5	805.5	804.6	805.5	806.5	807.4	808.4	808.5	807.7	807.0
180°	806.0	806.0	806.0	806.0	806.0	806.0	806.0	806.0	806.0	806.0	806.0



TEST NUMBER: P331687-930

CATALOG NUMBER: S122RDIP-S675D725U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8
2.5°	1151.8	1156.4	1163.4	1167.4	1174.1	1178.4	1180.8	1185.1	1187.4	1195.7	1204.4
5°	1087.4	1094.1	1105.8	1116.6	1128.2	1140.3	1149.1	1159.0	1168.2	1184.0	1200.7
7.5°	1013.7	1023.0	1041.0	1058.3	1078.6	1095.6	1110.7	1127.7	1143.0	1165.6	1189.3
10°	958.5	974.7	998.4	1014.6	1041.3	1058.3	1082.1	1100.7	1122.0	1151.9	1178.6
12.5°	910.9	930.4	949.4	972.0	996.0	1024.3	1050.4	1074.5	1099.7	1130.7	1162.0
15°	824.4	852.7	882.3	905.1	937.7	967.6	998.0	1030.5	1061.3	1098.3	1139.1
17.5°	713.2	746.0	795.7	834.9	873.0	903.1	940.7	980.0	1016.3	1060.9	1106.4
20°	663.0	687.1	720.8	773.6	831.1	863.2	901.4	944.7	986.3	1035.0	1083.7
22.5°	622.6	644.2	671.2	712.4	776.5	820.2	860.1	904.1	952.4	1002.1	1056.1
25°	565.2	580.2	608.5	641.7	685.8	757.8	801.5	845.6	898.1	951.4	1012.9
27.5°	522.0	535.4	553.8	585.6	618.4	670.1	739.6	787.7	840.0	899.9	963.8
30°	489.0	504.8	525.2	547.7	583.5	623.9	693.3	749.1	800.7	862.3	930.6
32.5°	465.0	477.5	494.9	517.7	547.6	586.2	641.7	709.5	759.8	824.7	895.9
35°	425.7	440.3	454.4	476.1	500.3	535.7	577.6	650.0	700.0	764.1	835.7
37.5°	393.4	402.3	417.9	435.0	460.6	486.9	523.3	588.3	642.3	705.2	778.5
40°	368.8	379.9	391.6	410.7	431.5	457.0	492.8	541.0	603.0	664.6	736.2
42.5°	344.8	359.0	371.3	384.1	406.9	432.4	461.5	502.4	565.7	624.0	693.6
45°	315.8	325.1	337.9	352.0	370.8	392.5	418.2	454.0	514.8	565.2	630.5
47.5°	282.3	295.6	304.0	317.9	335.7	356.3	380.3	411.2	460.5	507.7	568.3
50°	259.3	273.0	285.1	297.6	313.4	333.4	353.4	383.3	422.8	472.4	529.0
52.5°	239.6	251.7	263.4	275.9	291.4	309.7	328.7	355.0	388.9	434.4	489.3
55°	212.6	220.1	232.2	244.7	258.4	275.9	294.2	316.3	345.4	383.7	428.3
57.5°	185.0	193.7	203.3	215.8	229.8	243.1	259.6	279.6	302.6	337.2	375.3
60°	169.4	176.0	183.9	196.8	209.8	221.8	237.7	254.3	275.9	305.9	338.3
62.5°	152.1	158.4	165.7	176.8	189.5	200.5	214.3	232.0	250.3	277.6	306.1
65°	123.2	132.3	139.4	149.4	159.8	171.5	182.3	196.4	212.6	234.3	259.7
67.5°	102.2	106.8	113.3	122.5	133.1	143.1	153.4	164.4	178.5	195.2	215.3
70°	92.8	94.5	95.7	104.4	114.5	124.4	134.0	144.4	156.5	170.2	187.7
72.5°	81.9	83.5	85.0	88.8	96.8	106.8	116.7	124.4	135.8	147.2	161.4
75°	64.9	67.4	68.6	70.8	73.7	80.3	89.4	96.9	103.6	112.3	123.6
77.5°	49.4	50.9	52.2	54.4	56.2	59.3	64.4	71.2	77.4	82.5	90.3
80°	39.1	39.5	41.2	42.1	44.5	46.6	49.1	54.5	60.7	62.9	68.2
82.5°	29.4	29.9	31.2	32.0	33.2	35.0	38.2	39.5	44.4	47.2	50.6
85°	16.2	15.8	17.0	17.0	17.9	18.8	19.6	21.6	22.9	26.3	27.1
87.5°	7.4	7.3	7.4	7.3	7.0	7.5	7.6	7.7	8.0	8.7	9.8
90°	12.3	11.7	10.6	9.6	8.6	7.5	6.3	4.9	3.4	2.0	0.6
92.5°	13.9	13.5	13.0	12.5	12.0	11.5	11.3	11.4	11.5	11.7	11.7
95°	23.4	22.7	21.9	21.0	20.1	19.1	20.8	25.1	29.4	33.7	37.9
97.5°	31.0	30.4	28.4	26.3	24.1	22.0	27.0	39.1	51.1	63.2	75.3
100°	34.2	33.3	31.1	28.9	26.7	24.5	32.2	50.0	67.8	85.4	103.2
102.5°	35.5	34.2	52.6	71.0	89.4	107.9	119.0	122.8	126.5	130.3	134.0
105°	37.0	35.5	70.9	106.3	141.7	177.1	192.8	189.0	185.1	181.2	177.3
107.5°	48.3	49.8	92.2	134.7	177.1	219.6	239.2	236.0	232.9	229.8	226.7
110°	89.1	102.1	139.5	177.0	214.4	251.8	269.2	266.5	263.8	261.1	258.4



TEST NUMBER: P331687-930

CATALOG NUMBER: S122RDIP-S675D725U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	210.2	257.4	266.7	275.9	285.2	294.4	297.8	295.5	293.0	290.7	288.2
115°	299.9	359.9	356.6	353.4	350.1	346.9	344.1	341.9	339.7	337.5	335.3
117.5°	384.1	398.6	396.3	394.1	391.9	389.6	387.3	384.8	382.4	379.9	377.5
120°	429.0	427.5	425.2	422.8	420.5	418.2	416.0	414.1	412.1	410.2	408.2
122.5°	455.9	455.0	452.5	450.0	447.4	444.8	442.5	440.5	438.5	436.4	434.4
125°	493.7	492.8	490.3	487.9	485.4	483.0	480.9	479.2	477.5	475.8	474.2
127.5°	528.2	526.8	525.1	523.2	521.4	519.5	517.6	515.8	514.0	512.1	510.2
130°	550.2	548.8	547.4	545.9	544.5	543.1	541.4	539.2	537.2	535.2	533.0
132.5°	571.9	570.7	569.3	567.9	566.5	565.0	563.5	561.7	559.9	558.2	556.4
135°	602.6	601.3	600.1	598.9	597.8	596.6	595.0	593.0	590.8	588.8	586.7
137.5°	631.1	629.9	628.5	627.2	625.9	624.6	623.2	621.7	620.3	618.8	617.4
140°	649.7	648.6	647.1	645.7	644.2	642.9	641.6	640.6	639.5	638.5	637.5
142.5°	666.8	665.8	664.1	662.5	660.9	659.3	657.9	657.0	656.2	655.2	654.3
145°	690.9	689.9	687.7	685.5	683.3	681.1	680.1	680.2	680.4	680.4	680.6
147.5°	711.8	711.2	709.0	706.8	704.7	702.5	701.6	702.1	702.6	703.1	703.6
150°	724.6	723.7	721.7	719.6	717.5	715.5	714.9	715.8	716.7	717.6	718.5
152.5°	736.2	735.4	733.4	731.5	729.5	727.6	727.1	728.1	729.1	730.1	731.1
155°	752.0	751.1	749.6	748.0	746.5	744.9	744.8	745.9	747.1	748.3	749.4
157.5°	765.2	764.3	763.1	762.1	761.0	759.9	759.9	760.8	761.8	762.8	763.8
160°	773.0	772.2	771.4	770.6	769.8	769.1	769.1	769.8	770.6	771.4	772.2
162.5°	780.1	779.2	778.5	777.8	777.1	776.5	776.5	777.3	778.1	778.9	779.7
165°	788.8	787.9	787.5	787.2	786.8	786.4	786.5	787.3	788.1	788.9	789.7
167.5°	796.1	795.2	794.9	794.5	794.2	793.8	794.0	794.8	795.6	796.4	797.1
170°	799.9	799.0	798.7	798.5	798.3	797.9	798.3	799.0	799.8	800.5	801.4
172.5°	802.7	801.8	801.5	801.3	801.0	800.8	801.0	801.8	802.6	803.3	804.1
175°	805.8	804.9	804.5	804.3	804.0	803.8	804.1	805.0	805.9	806.8	807.7
177.5°	806.2	805.5	805.4	805.4	805.2	805.1	805.4	806.2	806.9	807.6	808.4
180°	806.0	806.0	806.0	806.0	806.0	806.0	806.0	806.0	806.0	806.0	806.0



TEST NUMBER: P331687-930

CATALOG NUMBER: S122RDIP-S675D725U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8
2.5°	1204.8	1205.7	1212.4	1215.4	1221.4	1223.7	1226.4	1225.7	1225.7	1227.0	1236.4
5°	1207.3	1215.6	1228.1	1240.2	1251.8	1261.8	1268.5	1275.1	1277.7	1289.7	1300.6
7.5°	1203.0	1218.3	1238.9	1257.4	1279.4	1296.7	1310.9	1323.9	1332.7	1350.2	1368.2
10°	1197.3	1219.0	1242.3	1266.0	1296.4	1319.2	1342.6	1360.5	1366.3	1392.5	1407.5
12.5°	1186.0	1215.0	1244.6	1275.3	1305.0	1336.6	1362.2	1380.1	1400.6	1424.2	1451.8
15°	1169.1	1202.3	1241.0	1280.6	1323.0	1361.3	1388.8	1420.0	1442.4	1468.3	1492.4
17.5°	1144.6	1187.5	1236.7	1282.5	1331.5	1372.7	1410.5	1440.5	1456.3	1471.0	1474.6
20°	1125.4	1171.5	1229.4	1283.4	1332.6	1380.1	1417.5	1442.4	1446.6	1447.0	1425.0
22.5°	1104.3	1156.5	1217.1	1272.5	1331.2	1384.1	1413.2	1423.8	1407.3	1379.1	1336.4
25°	1065.8	1126.2	1196.5	1259.7	1323.9	1373.8	1383.8	1365.1	1307.2	1246.4	1169.5
27.5°	1024.0	1091.8	1167.3	1237.6	1305.9	1336.8	1315.2	1247.7	1143.5	1053.0	943.2
30°	993.4	1069.6	1143.6	1222.3	1285.6	1298.9	1249.4	1149.9	1028.3	891.9	782.4
32.5°	958.5	1038.3	1119.7	1201.0	1253.9	1241.0	1159.1	1036.7	894.2	760.0	656.6
35°	908.5	990.9	1078.7	1160.3	1194.0	1137.8	1015.5	856.1	710.4	585.1	514.0
37.5°	850.8	940.5	1031.8	1106.8	1104.3	1010.7	844.1	679.6	557.1	483.0	432.4
40°	809.8	900.6	999.2	1062.5	1035.4	913.5	732.9	577.6	488.2	429.1	392.0
42.5°	770.6	861.6	959.6	1009.9	962.9	812.9	633.0	511.4	437.6	391.4	361.4
45°	703.8	799.9	890.6	918.5	834.5	669.2	511.9	423.6	374.5	340.5	319.6
47.5°	638.4	733.0	815.8	816.3	702.5	542.7	431.8	366.6	324.7	298.3	283.2
50°	598.4	688.4	757.8	747.1	618.0	482.7	386.2	330.0	295.1	274.7	258.9
52.5°	553.5	640.7	700.9	670.1	546.4	424.9	345.3	298.1	269.1	251.4	237.3
55°	488.2	565.6	608.1	561.4	445.7	353.4	291.7	254.7	233.1	218.1	206.0
57.5°	424.0	487.9	514.5	460.3	367.1	293.0	246.8	219.0	197.5	186.8	180.5
60°	383.7	438.2	457.0	397.1	319.2	256.3	218.5	192.7	176.8	169.8	163.5
62.5°	344.1	388.7	396.4	341.4	278.3	224.4	191.8	170.1	159.6	152.8	146.9
65°	285.5	317.6	313.8	269.7	220.1	178.1	154.4	141.0	133.1	123.6	113.2
67.5°	235.1	254.6	242.8	209.8	168.0	138.4	122.9	112.8	103.1	94.0	91.6
70°	203.1	214.3	201.9	171.5	137.8	116.1	103.6	91.6	85.8	83.6	79.9
72.5°	172.4	176.3	162.9	136.8	112.1	96.1	84.0	77.2	74.1	72.3	70.0
75°	129.5	126.5	114.9	94.5	77.9	67.0	63.3	60.7	58.7	57.0	55.8
77.5°	90.9	86.7	76.2	62.9	54.2	49.0	46.8	45.4	44.4	43.6	42.4
80°	68.2	65.3	55.0	44.9	41.2	38.7	37.4	35.8	35.8	35.0	33.7
82.5°	50.0	46.7	37.6	32.9	30.9	29.4	28.5	27.5	27.1	27.3	26.4
85°	26.3	21.2	18.8	17.9	16.6	15.8	16.2	15.4	15.4	15.4	15.0
87.5°	8.4	7.0	6.9	6.9	7.5	7.7	7.6	7.7	8.3	8.2	8.6
90°	2.0	3.4	4.9	6.3	7.5	8.6	9.6	10.6	11.7	12.3	13.0
92.5°	11.7	11.5	11.4	11.3	11.5	12.0	12.5	13.0	13.5	13.9	14.2
95°	33.7	29.4	25.1	20.8	19.1	20.1	21.0	21.9	22.7	23.4	24.1
97.5°	63.2	51.1	39.1	27.0	22.0	24.1	26.3	28.4	30.4	31.0	31.5
100°	85.4	67.8	50.0	32.2	24.5	26.7	28.9	31.1	33.3	34.2	35.3
102.5°	130.3	126.5	122.8	119.0	107.9	89.4	71.0	52.6	34.2	35.5	36.9
105°	181.2	185.1	189.0	192.8	177.1	141.7	106.3	70.9	35.5	37.0	38.4
107.5°	229.8	232.9	236.0	239.2	219.6	177.1	134.7	92.2	49.8	48.3	46.9
110°	261.1	263.8	266.5	269.2	251.8	214.4	177.0	139.5	102.1	89.1	76.1



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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	290.7	293.0	295.5	297.8	294.4	285.2	275.9	266.7	257.4	210.2	162.9
115°	337.5	339.7	341.9	344.1	346.9	350.1	353.4	356.6	359.9	299.9	239.9
117.5°	379.9	382.4	384.8	387.3	389.6	391.9	394.1	396.3	398.6	384.1	369.6
120°	410.2	412.1	414.1	416.0	418.2	420.5	422.8	425.2	427.5	429.0	430.6
122.5°	436.4	438.5	440.5	442.5	444.8	447.4	450.0	452.5	455.0	455.9	456.9
125°	475.8	477.5	479.2	480.9	483.0	485.4	487.9	490.3	492.8	493.7	494.6
127.5°	512.1	514.0	515.8	517.6	519.5	521.4	523.2	525.1	526.8	528.2	529.5
130°	535.2	537.2	539.2	541.4	543.1	544.5	545.9	547.4	548.8	550.2	551.6
132.5°	558.2	559.9	561.7	563.5	565.0	566.5	567.9	569.3	570.7	571.9	573.2
135°	588.8	590.8	593.0	595.0	596.6	597.8	598.9	600.1	601.3	602.6	603.9
137.5°	618.8	620.3	621.7	623.2	624.6	625.9	627.2	628.5	629.9	631.1	632.4
140°	638.5	639.5	640.6	641.6	642.9	644.2	645.7	647.1	648.6	649.7	650.9
142.5°	655.2	656.2	657.0	657.9	659.3	660.9	662.5	664.1	665.8	666.8	667.9
145°	680.4	680.4	680.2	680.1	681.1	683.3	685.5	687.7	689.9	690.9	691.8
147.5°	703.1	702.6	702.1	701.6	702.5	704.7	706.8	709.0	711.2	711.8	712.5
150°	717.6	716.7	715.8	714.9	715.5	717.5	719.6	721.7	723.7	724.6	725.3
152.5°	730.1	729.1	728.1	727.1	727.6	729.5	731.5	733.4	735.4	736.2	736.9
155°	748.3	747.1	745.9	744.8	744.9	746.5	748.0	749.6	751.1	752.0	752.8
157.5°	762.8	761.8	760.8	759.9	759.9	761.0	762.1	763.1	764.3	765.2	766.0
160°	771.4	770.6	769.8	769.1	769.1	769.8	770.6	771.4	772.2	773.0	773.7
162.5°	778.9	778.1	777.3	776.5	776.5	777.1	777.8	778.5	779.2	780.1	780.9
165°	788.9	788.1	787.3	786.5	786.4	786.8	787.2	787.5	787.9	788.8	789.7
167.5°	796.4	795.6	794.8	794.0	793.8	794.2	794.5	794.9	795.2	796.1	797.1
170°	800.5	799.8	799.0	798.3	797.9	798.3	798.5	798.7	799.0	799.9	800.8
172.5°	803.3	802.6	801.8	801.0	800.8	801.0	801.3	801.5	801.8	802.7	803.6
175°	806.8	805.9	805.0	804.1	803.8	804.0	804.3	804.5	804.9	805.8	806.7
177.5°	807.6	806.9	806.2	805.4	805.1	805.2	805.4	805.4	805.5	806.2	807.0
180°	806.0	806.0	806.0	806.0	806.0	806.0	806.0	806.0	806.0	806.0	806.0



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8	1197.8
2.5°	1239.7	1244.0	1246.0	1246.0	1248.4	1247.3	1246.3
5°	1310.9	1318.8	1320.5	1328.0	1333.4	1331.7	1332.6
7.5°	1381.8	1394.5	1407.0	1412.8	1413.7	1417.1	1418.3
10°	1425.4	1435.8	1455.4	1452.5	1467.0	1475.4	1461.6
12.5°	1467.4	1481.4	1494.9	1498.7	1507.0	1509.6	1504.2
15°	1505.3	1512.8	1513.6	1511.6	1514.0	1512.0	1504.1
17.5°	1469.8	1457.7	1433.1	1421.4	1412.2	1398.5	1393.0
20°	1411.2	1375.4	1333.8	1317.2	1297.6	1259.3	1268.5
22.5°	1284.7	1243.9	1202.3	1153.7	1130.5	1094.2	1092.0
25°	1087.9	1017.6	940.1	886.1	854.4	818.2	802.4
27.5°	845.8	757.2	693.8	661.7	632.5	603.8	602.6
30°	686.6	620.1	571.0	543.6	525.6	513.6	516.1
32.5°	578.8	533.2	500.1	477.3	464.1	454.9	454.8
35°	473.2	442.0	420.8	411.2	401.6	394.9	395.3
37.5°	405.0	386.2	374.4	363.8	357.8	354.6	352.8
40°	370.0	354.6	345.4	339.2	334.2	329.6	328.8
42.5°	342.3	329.6	320.4	315.5	310.9	307.6	306.8
45°	303.8	293.4	285.1	279.6	277.6	274.7	274.7
47.5°	270.3	260.0	253.6	250.1	246.5	244.6	244.5
50°	247.6	239.7	233.9	231.8	228.9	227.6	227.2
52.5°	227.3	221.4	217.3	215.8	214.6	213.0	213.3
55°	199.7	196.4	194.8	193.6	191.4	188.9	190.6
57.5°	176.5	173.7	169.3	165.3	163.4	161.7	162.3
60°	160.2	154.4	148.5	144.0	142.8	139.0	139.0
62.5°	139.6	131.4	124.3	121.7	120.4	118.7	118.4
65°	107.4	104.0	102.4	100.7	99.9	99.9	99.1
67.5°	88.9	87.6	85.9	85.4	84.5	84.3	84.1
70°	78.7	77.0	76.1	75.7	74.9	75.3	74.1
72.5°	68.6	67.3	67.2	66.1	65.6	65.6	64.7
75°	54.1	54.1	53.6	53.2	52.4	52.0	52.4
77.5°	41.6	41.7	40.9	40.8	40.8	40.8	40.4
80°	33.3	33.7	33.3	32.9	32.4	32.9	32.4
82.5°	26.3	25.7	25.6	25.5	25.4	25.2	25.1
85°	15.0	15.4	15.0	14.6	14.6	14.6	15.0
87.5°	8.4	8.5	8.6	8.6	8.7	8.7	8.5
90°	13.6	14.3	14.7	15.0	15.2	15.5	15.7
92.5°	14.5	14.8	15.2	15.2	15.4	15.6	15.7
95°	24.7	25.4	25.6	25.4	25.4	25.2	25.1
97.5°	32.0	32.5	32.9	33.0	33.2	33.3	33.5
100°	36.4	37.4	38.1	38.3	38.6	38.8	39.1
102.5°	38.2	39.5	40.4	40.8	41.2	41.5	41.9
105°	39.9	41.3	42.2	42.8	43.3	43.8	44.4
107.5°	45.4	44.0	43.5	44.0	44.6	45.1	45.6
110°	63.2	50.2	44.0	44.5	45.0	45.6	46.1



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	115.6	68.3	44.8	45.3	45.7	46.1	46.6
115°	179.9	119.8	85.1	75.8	66.4	57.2	47.9
117.5°	355.0	340.5	317.9	287.2	256.6	225.9	195.3
120°	432.2	433.7	425.7	408.2	390.8	373.2	355.8
122.5°	457.8	458.8	457.5	454.1	450.7	447.4	443.9
125°	495.5	496.4	497.1	497.5	497.9	498.2	498.6
127.5°	530.8	532.1	532.9	533.0	533.0	533.1	533.2
130°	553.1	554.5	555.1	555.1	554.9	554.7	554.6
132.5°	574.4	575.6	576.2	576.0	575.9	575.8	575.6
135°	605.2	606.5	607.0	606.7	606.5	606.2	605.9
137.5°	633.7	635.0	635.4	635.0	634.5	634.1	633.6
140°	652.0	653.2	653.5	652.8	652.2	651.5	650.9
142.5°	669.0	670.0	670.3	669.6	669.0	668.3	667.6
145°	692.7	693.6	693.7	693.1	692.4	691.8	691.1
147.5°	713.2	713.9	714.0	713.4	712.8	712.3	711.8
150°	726.1	726.8	726.9	726.3	725.6	725.0	724.3
152.5°	737.8	738.6	738.5	737.7	736.8	736.0	735.1
155°	753.5	754.3	754.2	753.1	752.1	751.1	750.0
157.5°	766.9	767.8	767.7	766.7	765.6	764.7	763.7
160°	774.5	775.3	775.2	774.3	773.4	772.5	771.6
162.5°	781.8	782.7	782.6	781.5	780.3	779.3	778.1
165°	790.7	791.6	791.6	790.7	789.7	788.8	787.9
167.5°	798.0	798.9	798.7	797.6	796.5	795.2	794.1
170°	801.7	802.7	802.5	801.4	800.1	799.0	797.9
172.5°	804.5	805.4	805.3	804.1	803.0	801.8	800.6
175°	807.6	808.5	808.3	807.0	805.7	804.4	803.1
177.5°	807.7	808.5	808.4	807.4	806.5	805.5	804.6
180°	806.0	806.0	806.0	806.0	806.0	806.0	806.0

(END OF REPORT)