

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: P333516-940

Luminaire Tested: **S125RDIP-S375D1205U940-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333516-940
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: S125RDIP-S375D1205U940-4F0-1E-UDD-A4
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 375 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1205 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5157.2 lumens
Efficiency: N/A
Efficacy: 122.2 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-Indirect

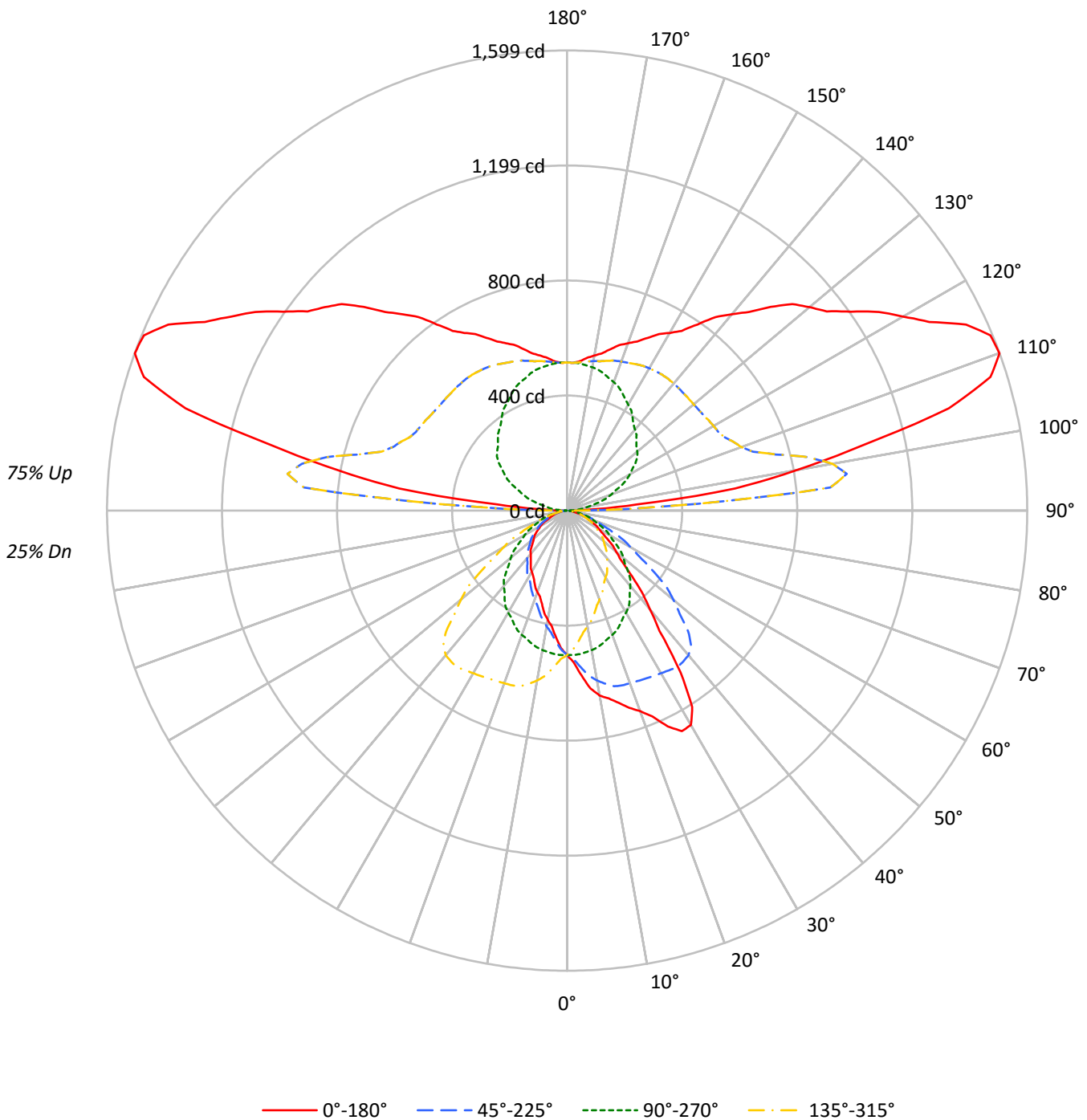
Input Watts (W): 42.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	101	101	101	101	90	90	90	90	70	70	70	51	51	51	33	33	33
1	92	88	85	81	82	79	76	73	61	59	57	45	44	43	30	29	29
2	84	77	72	67	75	69	64	60	54	51	48	40	38	36	26	25	24
3	77	68	61	56	68	61	55	50	48	44	40	35	33	30	24	22	21
4	70	60	53	47	62	54	48	43	42	38	34	31	28	26	21	19	18
5	65	54	46	40	57	48	41	37	38	33	30	28	25	23	19	17	16
6	59	48	40	35	53	43	36	32	34	29	26	25	22	20	17	15	14
7	55	43	36	30	49	39	32	28	31	26	22	23	20	17	16	14	12
8	51	39	32	27	45	35	29	24	28	23	20	21	18	15	14	13	11
9	47	35	28	24	42	32	26	22	25	21	18	19	16	14	13	11	10
10	44	32	25	21	39	29	23	19	23	19	16	18	15	12	12	10	9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3241	3241	3241	3241
5°	3729	3246	2867	3246
10°	4278	3229	2530	3229
15°	4621	3196	2249	3196
20°	5096	3158	2076	3158
25°	5897	3107	1927	3107
30°	6416	3053	1829	3053
35°	5412	2990	1738	2990
40°	3780	2878	1661	2878
45°	2804	2726	1585	2726
50°	2237	2569	1519	2569
55°	1897	2374	1462	2374
60°	1639	2198	1368	2198
65°	1461	2008	1177	2008
70°	1284	1841	1074	1841
75°	1110	1592	1008	1592
80°	841	1339	841	1339
85°	704	1052	793	1052



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.1	0.9
10°-20°	141.1	2.7
20°-30°	223.6	4.3
30°-40°	269.7	5.2
40°-50°	240.9	4.7
50°-60°	184.7	3.6
60°-70°	120.0	2.3
70°-80°	58.3	1.1
80°-90°	16.8	0.3
90°-100°	372.5	7.2
100°-110°	800.8	15.5
110°-120°	751.5	14.6
120°-130°	609.1	11.8
130°-140°	488.8	9.5
140°-150°	368.8	7.2
150°-160°	259.6	5.0
160°-170°	153.0	3.0
170°-180°	49.8	1.0
0°-30°	412.8	8.0
0°-40°	682.5	13.2
0°-60°	1108.1	21.5
0°-90°	1303.3	25.3
90°-120°	1924.8	37.3
90°-150°	3391.5	65.8
90°-180°	3854.0	74.7
0°-180°	5157.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	502	502	502	502	502	
5°	575	501	442	501	575	57
15°	691	478	336	478	691	198
25°	828	436	270	436	828	380
35°	686	379	220	379	686	415
45°	307	298	174	298	307	245
55°	168	211	130	211	168	153
65°	96	131	77	131	96	95
75°	44	64	40	64	44	47
85°	10	14	11	14	10	12
90°	24	1	24	1	24	17
95°	244	34	244	34	244	345
105°	1373	117	1373	117	1373	1365
115°	1529	209	1529	209	1529	1494
125°	1205	290	1205	290	1205	1090
135°	1001	340	1001	340	1001	776
145°	790	396	790	396	790	502
155°	662	452	662	452	662	309
165°	580	493	580	493	580	166
175°	521	513	521	513	521	51
180°	514	514	514	514	514	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	528.0	527.6	528.3	526.5	526.6	523.9	523.9	521.7	518.9	516.7	515.8
5°	575.2	575.7	574.9	571.8	569.7	566.6	563.1	557.0	551.8	546.8	543.0
7.5°	624.0	624.3	621.5	620.6	615.4	611.6	603.9	595.4	588.0	578.5	571.2
10°	652.4	652.1	649.3	646.9	642.5	636.7	629.0	619.2	609.9	599.6	589.7
12.5°	668.8	668.2	667.4	664.6	660.4	655.3	648.8	639.1	627.7	616.4	604.8
15°	691.1	689.6	687.0	683.4	677.4	671.5	664.3	655.7	644.7	632.0	621.3
17.5°	718.6	718.6	714.5	709.6	701.5	691.0	679.8	665.9	651.0	637.0	625.6
20°	741.4	740.7	736.6	727.1	717.8	704.6	691.9	674.8	656.7	638.3	624.1
22.5°	774.0	772.4	768.1	755.6	741.3	724.2	704.7	683.9	661.9	641.1	622.4
25°	827.5	826.3	817.8	803.3	783.2	757.0	731.5	702.8	671.3	643.9	621.3
27.5°	864.1	862.7	856.4	844.5	825.8	798.3	763.8	725.4	686.1	648.4	615.7
30°	860.4	863.5	862.7	857.1	843.1	818.4	786.5	743.4	696.6	652.4	613.4
32.5°	808.7	811.5	818.7	829.6	830.5	820.6	796.7	756.9	708.5	658.1	611.5
35°	686.5	690.3	704.3	726.3	755.2	779.3	784.2	762.8	719.3	665.1	608.9
37.5°	527.8	548.0	559.9	583.1	626.7	671.0	713.6	729.3	710.9	662.2	604.5
40°	448.4	453.3	474.3	500.5	537.2	583.3	644.1	688.0	689.4	655.7	597.5
42.5°	383.7	390.0	404.4	425.3	456.7	502.8	565.6	623.6	650.3	637.5	588.4
45°	307.0	311.7	322.3	338.3	362.4	400.6	454.5	521.5	574.6	595.5	564.2
47.5°	252.2	254.8	263.9	276.2	294.0	321.7	363.6	421.7	485.4	530.1	525.8
50°	222.6	225.4	232.4	241.7	256.7	280.2	313.6	362.0	427.8	482.3	493.3
52.5°	199.5	201.9	206.3	215.0	227.4	245.4	272.4	316.2	375.3	433.4	458.7
55°	168.5	170.2	173.7	178.6	188.5	201.5	224.8	255.1	302.9	361.4	398.5
57.5°	143.1	143.9	146.2	150.7	157.6	167.0	183.9	209.5	243.8	296.5	337.4
60°	126.9	127.8	130.6	133.8	139.1	147.8	161.0	178.9	211.8	255.3	296.7
62.5°	114.0	114.6	115.8	118.9	123.6	130.3	140.6	155.2	181.5	219.7	258.8
65°	95.6	95.8	96.2	98.7	101.6	106.6	113.3	123.6	143.4	172.3	206.9
67.5°	77.8	78.2	79.6	80.5	83.5	86.1	90.1	97.9	111.9	131.3	158.3
70°	68.0	67.8	69.2	70.3	71.2	74.4	77.0	83.5	92.1	106.9	129.4
72.5°	58.8	58.2	58.9	59.2	60.5	62.7	65.4	69.3	76.0	86.1	103.3
75°	44.5	44.7	44.7	45.1	46.2	47.0	47.8	49.8	53.6	60.4	69.6
77.5°	31.2	30.9	31.7	31.9	32.5	33.4	34.2	35.0	36.5	39.2	44.1
80°	22.6	22.6	22.8	23.5	23.3	23.7	24.7	25.6	27.4	29.1	30.7
82.5°	17.4	17.2	17.4	17.6	17.5	17.9	18.3	18.5	19.2	20.0	21.1
85°	9.5	9.5	9.7	9.7	9.9	9.9	10.1	10.1	10.1	10.3	10.5
87.5°	8.4	8.2	7.8	7.8	8.0	7.9	7.6	7.2	7.0	6.8	6.5
90°	23.8	23.8	22.8	22.8	22.8	20.7	19.7	18.6	17.7	16.6	14.5
92.5°	66.1	67.8	69.2	71.7	85.0	100.3	133.2	183.6	270.5	334.0	339.5
95°	243.5	260.1	268.3	299.4	373.0	460.0	587.5	744.9	898.3	918.0	749.1
97.5°	588.5	601.8	631.9	689.8	753.9	874.9	999.1	1109.5	1136.7	980.3	669.0
100°	808.2	824.7	863.1	937.7	1009.1	1117.0	1223.7	1274.4	1194.6	935.6	596.8
102.5°	1053.6	1066.0	1107.6	1160.7	1237.2	1310.1	1361.3	1330.0	1159.8	856.8	542.1
105°	1372.9	1385.3	1406.0	1440.2	1473.4	1484.8	1439.2	1297.3	1048.6	751.2	489.0
107.5°	1542.4	1550.7	1557.6	1557.7	1541.0	1486.8	1369.8	1180.4	935.0	678.4	466.6
110°	1598.7	1598.7	1591.5	1571.8	1525.2	1437.1	1291.0	1094.1	870.3	644.4	460.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	1592.1	1584.7	1566.6	1532.9	1464.6	1360.8	1213.1	1026.2	822.2	624.6	460.0
115°	1529.3	1515.8	1486.8	1437.1	1356.3	1243.3	1101.4	940.8	769.8	603.1	463.2
117.5°	1419.2	1411.0	1382.2	1330.8	1250.0	1146.4	1024.1	885.6	738.5	592.5	470.0
120°	1348.0	1339.7	1311.7	1262.0	1185.4	1094.1	980.2	855.9	721.1	587.5	476.6
122.5°	1285.0	1277.6	1249.6	1204.0	1135.6	1050.3	948.7	833.5	706.2	583.4	482.4
125°	1205.1	1194.6	1171.9	1129.4	1071.4	996.8	906.6	800.9	685.9	578.2	492.1
127.5°	1136.7	1132.1	1110.5	1073.0	1020.4	950.6	866.4	767.8	667.3	575.7	503.1
130°	1099.3	1093.1	1072.4	1038.2	986.4	919.1	838.2	747.1	654.9	574.0	509.8
132.5°	1062.0	1055.0	1035.9	1001.7	949.9	885.0	811.7	726.3	644.9	574.0	517.2
135°	1000.9	994.7	976.1	941.8	896.3	837.2	770.9	699.4	633.1	574.0	527.4
137.5°	935.6	928.8	911.6	880.5	839.7	789.5	734.4	676.6	622.5	575.2	536.7
140°	890.0	884.8	869.3	842.4	804.1	760.5	712.8	664.1	617.5	576.0	540.8
142.5°	847.7	843.4	828.7	805.9	773.4	735.7	694.6	653.4	613.4	576.9	543.3
145°	789.5	785.4	774.0	756.3	731.5	703.6	671.4	639.3	607.2	576.0	546.1
147.5°	740.2	738.3	731.7	717.6	697.9	676.8	652.1	626.1	600.7	573.4	547.1
150°	712.8	711.9	707.7	695.3	679.7	661.0	641.4	618.6	595.8	570.9	547.1
152.5°	691.3	690.3	686.1	676.2	663.2	648.6	630.6	610.3	590.0	567.6	546.3
155°	662.1	661.0	657.9	650.7	640.3	628.9	614.4	597.8	580.2	561.6	543.9
157.5°	636.0	636.1	633.3	627.2	619.2	610.3	599.1	585.4	571.1	555.4	541.3
160°	618.6	619.6	617.5	612.3	605.1	597.8	587.5	577.1	563.7	551.3	538.8
162.5°	602.8	603.1	602.6	598.2	592.6	586.2	577.6	568.0	557.1	546.3	536.3
165°	580.2	580.2	580.2	578.2	574.0	568.8	562.6	555.4	547.1	538.8	532.5
167.5°	559.5	559.7	560.5	558.7	556.6	552.9	548.1	543.3	537.3	531.5	526.7
170°	547.1	548.1	548.1	547.1	545.0	543.0	539.8	536.7	531.5	527.4	524.3
172.5°	535.5	536.5	538.1	536.3	535.9	534.7	532.4	529.2	525.8	522.5	520.9
175°	521.2	522.2	524.3	523.3	523.3	523.3	521.2	521.2	518.1	517.0	517.0
177.5°	513.9	513.9	516.4	515.6	516.4	516.4	516.4	515.6	514.8	513.9	513.9
180°	513.9	513.9	513.9	513.9	513.9	513.9	513.9	513.9	513.9	513.9	513.9



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	515.8	514.6	512.5	510.5	508.0	505.9	504.4	502.6	500.2	497.5	495.2
5°	538.6	534.0	528.1	522.9	516.3	511.2	505.9	500.7	495.5	488.9	483.1
7.5°	563.9	554.6	545.5	534.0	523.6	514.3	505.4	496.4	487.6	478.2	469.2
10°	579.4	568.0	555.5	541.1	527.9	515.3	503.8	492.4	480.5	470.0	458.7
12.5°	593.9	579.3	564.9	546.7	530.8	515.5	500.8	486.7	473.9	460.3	448.1
15°	607.0	592.5	576.5	554.3	532.2	513.6	496.3	478.0	462.2	446.9	433.3
17.5°	612.1	596.9	578.3	556.9	532.8	509.4	487.1	467.1	448.4	430.6	415.4
20°	610.1	595.5	576.3	555.9	530.1	505.9	481.7	459.5	438.6	419.9	403.7
22.5°	605.3	590.2	571.7	550.1	525.7	499.9	474.1	450.4	428.6	409.2	391.5
25°	598.2	577.6	558.6	537.5	514.2	488.7	462.2	436.0	412.7	392.9	373.5
27.5°	590.7	565.0	540.8	520.0	495.3	472.6	446.9	420.1	395.7	375.5	355.6
30°	583.9	555.1	528.5	504.8	481.5	459.9	435.6	409.4	384.2	363.5	343.3
32.5°	575.5	544.8	515.7	488.3	465.8	444.4	422.4	397.3	372.9	351.4	330.9
35°	565.0	525.8	494.1	465.0	440.1	419.3	399.5	379.3	354.8	332.5	312.5
37.5°	551.2	506.7	470.0	438.4	412.1	391.2	375.5	357.0	334.7	313.4	294.9
40°	542.7	492.8	452.7	421.3	393.8	371.7	357.0	341.4	321.0	301.0	282.5
42.5°	531.5	480.2	435.2	402.6	374.8	353.6	338.8	325.1	308.0	289.2	269.3
45°	509.5	455.6	408.4	373.4	345.4	324.5	310.7	298.5	285.6	268.2	250.9
47.5°	481.0	429.9	380.5	342.2	314.9	295.5	282.1	272.5	263.2	248.5	231.8
50°	458.1	408.8	360.6	323.5	294.3	275.9	263.3	255.7	247.3	233.9	219.8
52.5°	431.0	387.0	339.8	301.9	274.3	257.1	245.0	237.4	230.4	219.5	206.2
55°	388.4	349.8	306.6	272.2	246.8	229.5	218.0	210.8	206.7	197.4	186.9
57.5°	339.2	311.7	273.5	240.3	217.8	200.8	192.3	186.2	181.6	175.0	167.6
60°	305.0	285.6	251.4	219.8	199.2	183.0	175.3	170.2	165.9	160.3	154.5
62.5°	270.2	256.1	226.3	199.2	180.3	166.7	159.5	154.9	149.9	146.2	140.5
65°	223.6	211.0	190.4	169.2	151.7	140.7	135.5	131.4	128.4	124.2	120.3
67.5°	173.9	168.8	154.5	139.9	127.3	117.6	113.2	110.3	106.6	104.2	101.5
70°	143.4	140.9	130.8	121.2	109.4	102.8	98.7	97.5	92.9	90.4	88.6
72.5°	116.4	115.2	109.4	102.7	94.4	88.6	84.9	83.5	80.5	78.6	77.4
75°	79.7	80.2	79.1	74.8	71.7	68.0	64.7	63.8	61.8	60.2	59.1
77.5°	50.5	52.5	52.6	52.4	51.2	49.0	47.5	46.9	44.9	44.3	44.1
80°	34.6	36.9	39.0	38.7	38.3	37.7	36.6	36.0	35.0	34.4	34.0
82.5°	23.1	25.1	26.9	28.0	27.9	27.3	26.7	26.3	26.1	25.7	25.6
85°	10.9	11.3	11.9	13.4	14.4	14.6	14.4	14.2	13.6	13.8	14.0
87.5°	6.5	6.1	6.1	5.6	5.0	5.4	5.5	5.4	5.4	5.4	5.5
90°	13.5	11.4	10.3	8.3	6.2	4.1	2.1	1.1	2.1	4.1	6.2
92.5°	236.5	141.5	85.0	54.8	36.9	24.1	15.3	12.7	15.3	24.1	36.9
95°	463.2	235.2	124.3	77.7	54.9	43.5	35.2	34.2	35.2	43.5	54.9
97.5°	369.7	202.7	129.3	95.8	75.3	63.8	58.1	56.8	58.1	63.8	75.3
100°	335.7	201.0	140.9	109.9	90.2	78.7	74.6	72.5	74.6	78.7	90.2
102.5°	321.6	208.5	155.0	124.8	106.7	94.5	91.2	90.0	91.2	94.5	106.7
105°	316.0	223.8	178.3	149.2	132.6	122.3	117.1	117.1	117.1	122.3	132.6
107.5°	325.6	246.6	202.4	176.4	159.2	150.6	145.7	143.6	145.7	150.6	159.2
110°	334.7	263.1	220.7	193.8	178.3	168.9	164.8	162.6	164.8	168.9	178.3



TEST NUMBER: P333516-940

CATALOG NUMBER: S125RDIP-S375D1205U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	346.3	278.9	238.1	212.0	196.4	187.1	183.8	181.7	183.8	187.1	196.4
115°	363.6	303.6	265.3	239.3	223.8	214.5	211.3	209.3	211.3	214.5	223.8
117.5°	383.6	328.9	292.6	267.5	249.9	240.6	237.3	234.2	237.3	240.6	249.9
120°	396.8	347.1	310.9	284.9	267.3	258.0	253.9	250.7	253.9	258.0	267.3
122.5°	411.8	364.5	328.2	302.4	283.0	273.8	270.5	268.1	270.5	273.8	283.0
125°	432.0	387.5	353.3	326.4	306.7	297.4	292.2	290.1	292.2	297.4	306.7
127.5°	450.8	409.7	376.7	349.8	328.9	317.1	310.4	307.3	310.4	317.1	328.9
130°	463.2	423.7	391.6	364.7	343.0	329.5	321.2	318.1	321.2	329.5	343.0
132.5°	473.9	437.0	404.9	378.0	355.4	340.3	330.3	326.4	330.3	340.3	355.4
135°	489.0	454.9	422.8	394.8	373.0	356.4	344.0	339.8	344.0	356.4	373.0
137.5°	500.2	467.5	438.3	409.5	388.2	371.6	360.0	356.9	360.0	371.6	388.2
140°	507.7	476.6	446.6	418.6	399.0	382.4	369.9	366.8	369.9	382.4	399.0
142.5°	511.8	482.4	454.1	427.8	408.8	392.3	380.7	378.4	380.7	392.3	408.8
145°	518.1	492.1	465.2	441.4	422.8	408.2	397.9	395.8	397.9	408.2	422.8
147.5°	521.8	498.4	474.7	453.8	437.7	424.2	415.3	414.0	415.3	424.2	437.7
150°	524.3	502.5	479.7	462.1	447.6	434.2	426.9	424.8	426.9	434.2	447.6
152.5°	525.9	506.7	485.5	469.6	455.9	444.1	437.7	436.4	437.7	444.1	455.9
155°	527.4	510.8	493.2	478.7	468.3	458.0	451.7	451.7	451.7	458.0	468.3
157.5°	528.4	514.3	499.2	488.2	479.1	470.2	465.2	465.5	465.2	470.2	479.1
160°	528.4	516.0	502.5	493.2	484.9	477.7	473.5	474.6	473.5	477.7	484.9
162.5°	527.6	517.6	505.9	498.2	491.5	485.1	481.0	482.0	481.0	485.1	491.5
165°	526.4	518.1	509.8	503.5	499.4	494.3	491.2	493.2	491.2	494.3	499.4
167.5°	523.9	518.1	511.2	507.3	504.4	501.5	499.6	500.7	499.6	501.5	504.4
170°	522.2	518.1	512.9	509.8	507.7	505.6	504.6	505.6	504.6	505.6	507.7
172.5°	520.6	517.2	512.9	511.4	510.1	508.1	507.1	509.0	507.1	508.1	510.1
175°	518.1	516.0	512.9	512.9	512.9	511.8	510.8	512.9	510.8	511.8	512.9
177.5°	515.6	514.8	513.1	513.1	513.9	513.1	513.1	514.8	513.1	513.1	513.9
180°	513.9	513.9	513.9	513.9	513.9	513.9	513.9	513.9	513.9	513.9	513.9



TEST NUMBER: P333516-940

CATALOG NUMBER: S125RDIP-S375D1205U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	493.5	491.2	489.5	486.2	483.9	483.0	481.2	480.6	482.5	481.2	481.0
5°	478.8	472.9	468.1	463.4	458.3	455.0	450.0	449.2	447.9	446.1	445.7
7.5°	461.3	453.4	447.4	439.5	432.7	427.2	421.1	418.1	416.5	414.1	410.9
10°	449.4	440.1	431.9	424.0	415.6	408.8	402.6	397.9	394.8	391.9	390.7
12.5°	437.7	428.2	417.7	408.2	398.8	391.2	384.3	381.2	377.8	374.4	371.6
15°	419.5	407.0	395.4	384.5	376.5	368.2	361.6	357.0	352.0	350.4	344.9
17.5°	400.2	387.9	374.3	362.9	353.6	344.5	337.2	332.1	328.2	322.9	320.4
20°	388.2	373.5	360.3	349.8	339.6	328.9	321.5	317.1	313.4	309.1	307.0
22.5°	375.3	361.1	347.5	335.2	324.8	314.1	308.9	304.4	300.2	296.2	293.5
25°	356.4	342.1	327.8	315.0	304.2	296.5	290.3	285.2	282.9	279.0	276.1
27.5°	337.8	322.4	307.7	295.0	286.4	278.8	273.8	269.7	265.6	262.3	259.7
30°	325.7	310.1	294.0	283.9	274.8	267.7	262.1	258.2	255.1	252.0	250.1
32.5°	313.7	297.6	283.3	272.4	263.9	257.6	251.9	248.1	244.9	241.5	239.2
35°	294.4	277.9	266.4	255.7	247.3	241.5	237.6	232.2	229.5	227.0	224.8
37.5°	276.5	261.2	248.7	239.3	231.9	226.2	221.1	218.3	215.0	212.8	210.9
40°	263.3	249.3	238.0	228.1	222.7	216.3	211.6	207.9	205.5	202.5	200.5
42.5°	251.5	238.4	227.4	218.6	211.9	206.4	201.9	198.1	195.0	193.0	191.3
45°	234.7	221.7	211.0	202.8	196.5	191.5	186.6	184.9	180.7	178.3	177.4
47.5°	217.3	205.7	195.4	187.8	181.5	176.6	172.1	168.4	166.0	163.6	162.3
50°	205.6	194.5	184.9	177.4	171.2	165.9	161.8	159.3	156.1	153.9	152.3
52.5°	193.9	183.6	174.0	166.8	161.5	156.1	151.5	149.1	146.2	144.7	143.6
55°	177.2	166.3	158.0	151.1	145.4	140.5	136.2	133.8	131.9	130.5	130.0
57.5°	158.3	149.6	142.0	135.6	129.8	125.2	121.4	119.0	117.4	117.2	115.9
60°	145.9	138.0	131.1	124.2	119.3	114.9	111.6	109.0	107.4	107.2	106.7
62.5°	133.5	126.0	119.5	113.5	109.1	105.0	101.7	98.8	97.8	96.8	95.9
65°	115.2	108.3	103.0	98.3	93.5	90.1	86.9	85.1	82.8	81.6	79.4
67.5°	97.2	91.9	86.8	82.8	79.0	75.7	73.1	70.4	68.8	67.9	66.3
70°	85.3	81.1	76.1	71.7	68.8	66.2	64.1	61.0	59.9	59.1	58.3
72.5°	74.1	70.4	66.2	62.6	59.7	57.2	54.8	53.4	52.3	51.5	51.1
75°	58.3	54.8	51.1	48.6	46.5	44.5	43.2	42.3	41.8	41.6	40.8
77.5°	42.8	40.9	38.0	36.0	34.7	33.8	32.7	32.2	32.1	31.2	30.9
80°	32.7	31.7	29.2	28.4	27.4	26.6	25.9	25.0	23.9	23.5	22.8
82.5°	24.3	23.4	22.3	21.0	20.2	19.6	19.1	18.6	18.8	18.2	17.9
85°	13.0	11.9	11.5	11.3	10.9	11.3	11.1	10.9	10.7	10.5	10.7
87.5°	5.8	6.2	6.2	7.0	6.7	7.3	7.5	7.5	7.8	7.9	8.2
90°	8.3	10.3	11.4	13.5	14.5	16.6	17.7	18.6	19.7	20.7	22.8
92.5°	54.8	85.0	141.5	236.5	339.5	334.0	270.5	183.6	133.2	100.3	85.0
95°	77.7	124.3	235.2	463.2	749.1	918.0	898.3	744.9	587.5	460.0	373.0
97.5°	95.8	129.3	202.7	369.7	669.0	980.3	1136.7	1109.5	999.1	874.9	753.9
100°	109.9	140.9	201.0	335.7	596.8	935.6	1194.6	1274.4	1223.7	1117.0	1009.1
102.5°	124.8	155.0	208.5	321.6	542.1	856.8	1159.8	1330.0	1361.3	1310.1	1237.2
105°	149.2	178.3	223.8	316.0	489.0	751.2	1048.6	1297.3	1439.2	1484.8	1473.4
107.5°	176.4	202.4	246.6	325.6	466.6	678.4	935.0	1180.4	1369.8	1486.8	1541.0
110°	193.8	220.7	263.1	334.7	460.0	644.4	870.3	1094.1	1291.0	1437.1	1525.2



TEST NUMBER: P333516-940

CATALOG NUMBER: S125RDIP-S375D1205U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	212.0	238.1	278.9	346.3	460.0	624.6	822.2	1026.2	1213.1	1360.8	1464.6
115°	239.3	265.3	303.6	363.6	463.2	603.1	769.8	940.8	1101.4	1243.3	1356.3
117.5°	267.5	292.6	328.9	383.6	470.0	592.5	738.5	885.6	1024.1	1146.4	1250.0
120°	284.9	310.9	347.1	396.8	476.6	587.5	721.1	855.9	980.2	1094.1	1185.4
122.5°	302.4	328.2	364.5	411.8	482.4	583.4	706.2	833.5	948.7	1050.3	1135.6
125°	326.4	353.3	387.5	432.0	492.1	578.2	685.9	800.9	906.6	996.8	1071.4
127.5°	349.8	376.7	409.7	450.8	503.1	575.7	667.3	767.8	866.4	950.6	1020.4
130°	364.7	391.6	423.7	463.2	509.8	574.0	654.9	747.1	838.2	919.1	986.4
132.5°	378.0	404.9	437.0	473.9	517.2	574.0	644.9	726.3	811.7	885.0	949.9
135°	394.8	422.8	454.9	489.0	527.4	574.0	633.1	699.4	770.9	837.2	896.3
137.5°	409.5	438.3	467.5	500.2	536.7	575.2	622.5	676.6	734.4	789.5	839.7
140°	418.6	446.6	476.6	507.7	540.8	576.0	617.5	664.1	712.8	760.5	804.1
142.5°	427.8	454.1	482.4	511.8	543.3	576.9	613.4	653.4	694.6	735.7	773.4
145°	441.4	465.2	492.1	518.1	546.1	576.0	607.2	639.3	671.4	703.6	731.5
147.5°	453.8	474.7	498.4	521.8	547.1	573.4	600.7	626.1	652.1	676.8	697.9
150°	462.1	479.7	502.5	524.3	547.1	570.9	595.8	618.6	641.4	661.0	679.7
152.5°	469.6	485.5	506.7	525.9	546.3	567.6	590.0	610.3	630.6	648.6	663.2
155°	478.7	493.2	510.8	527.4	543.9	561.6	580.2	597.8	614.4	628.9	640.3
157.5°	488.2	499.2	514.3	528.4	541.3	555.4	571.1	585.4	599.1	610.3	619.2
160°	493.2	502.5	516.0	528.4	538.8	551.3	563.7	577.1	587.5	597.8	605.1
162.5°	498.2	505.9	517.6	527.6	536.3	546.3	557.1	568.0	577.6	586.2	592.6
165°	503.5	509.8	518.1	526.4	532.5	538.8	547.1	555.4	562.6	568.8	574.0
167.5°	507.3	511.2	518.1	523.9	526.7	531.5	537.3	543.3	548.1	552.9	556.6
170°	509.8	512.9	518.1	522.2	524.3	527.4	531.5	536.7	539.8	543.0	545.0
172.5°	511.4	512.9	517.2	520.6	520.9	522.5	525.8	529.2	532.4	534.7	535.9
175°	512.9	512.9	516.0	518.1	517.0	517.0	518.1	521.2	521.2	523.3	523.3
177.5°	513.1	513.1	514.8	515.6	513.9	513.9	514.8	515.6	516.4	516.4	516.4
180°	513.9	513.9	513.9	513.9	513.9	513.9	513.9	513.9	513.9	513.9	513.9



TEST NUMBER: P333516-940

CATALOG NUMBER: S125RDIP-S375D1205U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	480.8	479.0	478.5	479.2	478.5	479.0	480.8	481.0	481.2	482.5	480.6
5°	443.6	441.6	442.6	442.2	442.6	441.6	443.6	445.7	446.1	447.9	449.2
7.5°	410.9	408.3	405.6	406.4	405.6	408.3	410.9	410.9	414.1	416.5	418.1
10°	388.0	385.9	384.7	385.8	384.7	385.9	388.0	390.7	391.9	394.8	397.9
12.5°	368.7	367.5	366.4	366.0	366.4	367.5	368.7	371.6	374.4	377.8	381.2
15°	342.4	340.0	338.9	336.3	338.9	340.0	342.4	344.9	350.4	352.0	357.0
17.5°	318.3	317.4	314.8	313.6	314.8	317.4	318.3	320.4	322.9	328.2	332.1
20°	303.9	303.1	300.4	302.0	300.4	303.1	303.9	307.0	309.1	313.4	317.1
22.5°	292.0	290.3	289.4	288.9	289.4	290.3	292.0	293.5	296.2	300.2	304.4
25°	275.3	272.6	271.5	270.4	271.5	272.6	275.3	276.1	279.0	282.9	285.2
27.5°	258.5	257.1	255.7	255.4	255.7	257.1	258.5	259.7	262.3	265.6	269.7
30°	247.6	246.2	245.2	245.2	245.2	246.2	247.6	250.1	252.0	255.1	258.2
32.5°	237.9	236.8	235.8	235.6	235.8	236.8	237.9	239.2	241.5	244.9	248.1
35°	223.7	222.1	221.7	220.4	221.7	222.1	223.7	224.8	227.0	229.5	232.2
37.5°	209.0	207.7	207.7	207.5	207.7	207.7	209.0	210.9	212.8	215.0	218.3
40°	199.7	198.6	198.4	197.0	198.4	198.6	199.7	200.5	202.5	205.5	207.9
42.5°	189.6	189.0	188.3	187.7	188.3	189.0	189.6	191.3	193.0	195.0	198.1
45°	175.9	174.5	174.5	173.5	174.5	174.5	175.9	177.4	178.3	180.7	184.9
47.5°	161.8	160.8	160.9	159.8	160.9	160.8	161.8	162.3	163.6	166.0	168.4
50°	152.5	151.9	151.7	151.2	151.7	151.9	152.5	152.3	153.9	156.1	159.3
52.5°	143.1	142.8	143.6	142.7	143.6	142.8	143.1	143.6	144.7	146.2	149.1
55°	130.5	129.8	131.1	129.8	131.1	129.8	130.5	130.0	130.5	131.9	133.8
57.5°	115.9	115.3	116.5	115.8	116.5	115.3	115.9	115.9	117.2	117.4	119.0
60°	106.3	105.0	105.7	105.9	105.7	105.0	106.3	106.7	107.2	107.4	109.0
62.5°	95.0	94.2	94.7	93.7	94.7	94.2	95.0	95.9	96.8	97.8	98.8
65°	78.9	78.3	77.5	77.0	77.5	78.3	78.9	79.4	81.6	82.8	85.1
67.5°	66.3	64.8	64.7	65.1	64.7	64.8	66.3	66.3	67.9	68.8	70.4
70°	57.1	57.1	56.9	56.9	56.9	57.1	57.1	58.3	59.1	59.9	61.0
72.5°	50.6	50.5	50.1	49.9	50.1	50.5	50.6	51.1	51.5	52.3	53.4
75°	40.8	41.0	40.6	40.4	40.6	41.0	40.8	40.8	41.6	41.8	42.3
77.5°	30.1	29.2	29.7	29.2	29.7	29.2	30.1	30.9	31.2	32.1	32.2
80°	22.8	22.6	23.3	22.6	23.3	22.6	22.8	22.8	23.5	23.9	25.0
82.5°	18.1	17.9	18.2	17.7	18.2	17.9	18.1	17.9	18.2	18.8	18.6
85°	10.9	10.7	10.5	10.7	10.5	10.7	10.9	10.7	10.5	10.7	10.9
87.5°	8.4	8.2	8.4	8.4	8.4	8.2	8.4	8.2	7.9	7.8	7.5
90°	22.8	22.8	23.8	23.8	23.8	22.8	22.8	22.8	20.7	19.7	18.6
92.5°	71.7	69.2	67.8	66.1	67.8	69.2	71.7	85.0	100.3	133.2	183.6
95°	299.4	268.3	260.1	243.5	260.1	268.3	299.4	373.0	460.0	587.5	744.9
97.5°	689.8	631.9	601.8	588.5	601.8	631.9	689.8	753.9	874.9	999.1	1109.5
100°	937.7	863.1	824.7	808.2	824.7	863.1	937.7	1009.1	1117.0	1223.7	1274.4
102.5°	1160.7	1107.6	1066.0	1053.6	1066.0	1107.6	1160.7	1237.2	1310.1	1361.3	1330.0
105°	1440.2	1406.0	1385.3	1372.9	1385.3	1406.0	1440.2	1473.4	1484.8	1439.2	1297.3
107.5°	1557.7	1557.6	1550.7	1542.4	1550.7	1557.6	1557.7	1541.0	1486.8	1369.8	1180.4
110°	1571.8	1591.5	1598.7	1598.7	1598.7	1591.5	1571.8	1525.2	1437.1	1291.0	1094.1



TEST NUMBER: P333516-940

CATALOG NUMBER: S125RDIP-S375D1205U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	1532.9	1566.6	1584.7	1592.1	1584.7	1566.6	1532.9	1464.6	1360.8	1213.1	1026.2
115°	1437.1	1486.8	1515.8	1529.3	1515.8	1486.8	1437.1	1356.3	1243.3	1101.4	940.8
117.5°	1330.8	1382.2	1411.0	1419.2	1411.0	1382.2	1330.8	1250.0	1146.4	1024.1	885.6
120°	1262.0	1311.7	1339.7	1348.0	1339.7	1311.7	1262.0	1185.4	1094.1	980.2	855.9
122.5°	1204.0	1249.6	1277.6	1285.0	1277.6	1249.6	1204.0	1135.6	1050.3	948.7	833.5
125°	1129.4	1171.9	1194.6	1205.1	1194.6	1171.9	1129.4	1071.4	996.8	906.6	800.9
127.5°	1073.0	1110.5	1132.1	1136.7	1132.1	1110.5	1073.0	1020.4	950.6	866.4	767.8
130°	1038.2	1072.4	1093.1	1099.3	1093.1	1072.4	1038.2	986.4	919.1	838.2	747.1
132.5°	1001.7	1035.9	1055.0	1062.0	1055.0	1035.9	1001.7	949.9	885.0	811.7	726.3
135°	941.8	976.1	994.7	1000.9	994.7	976.1	941.8	896.3	837.2	770.9	699.4
137.5°	880.5	911.6	928.8	935.6	928.8	911.6	880.5	839.7	789.5	734.4	676.6
140°	842.4	869.3	884.8	890.0	884.8	869.3	842.4	804.1	760.5	712.8	664.1
142.5°	805.9	828.7	843.4	847.7	843.4	828.7	805.9	773.4	735.7	694.6	653.4
145°	756.3	774.0	785.4	789.5	785.4	774.0	756.3	731.5	703.6	671.4	639.3
147.5°	717.6	731.7	738.3	740.2	738.3	731.7	717.6	697.9	676.8	652.1	626.1
150°	695.3	707.7	711.9	712.8	711.9	707.7	695.3	679.7	661.0	641.4	618.6
152.5°	676.2	686.1	690.3	691.3	690.3	686.1	676.2	663.2	648.6	630.6	610.3
155°	650.7	657.9	661.0	662.1	661.0	657.9	650.7	640.3	628.9	614.4	597.8
157.5°	627.2	633.3	636.1	636.0	636.1	633.3	627.2	619.2	610.3	599.1	585.4
160°	612.3	617.5	619.6	618.6	619.6	617.5	612.3	605.1	597.8	587.5	577.1
162.5°	598.2	602.6	603.1	602.8	603.1	602.6	598.2	592.6	586.2	577.6	568.0
165°	578.2	580.2	580.2	580.2	580.2	580.2	578.2	574.0	568.8	562.6	555.4
167.5°	558.7	560.5	559.7	559.5	559.7	560.5	558.7	556.6	552.9	548.1	543.3
170°	547.1	548.1	548.1	547.1	548.1	548.1	547.1	545.0	543.0	539.8	536.7
172.5°	536.3	538.1	536.5	535.5	536.5	538.1	536.3	535.9	534.7	532.4	529.2
175°	523.3	524.3	522.2	521.2	522.2	524.3	523.3	523.3	523.3	521.2	521.2
177.5°	515.6	516.4	513.9	513.9	513.9	516.4	515.6	516.4	516.4	516.4	515.6
180°	513.9	513.9	513.9	513.9	513.9	513.9	513.9	513.9	513.9	513.9	513.9



TEST NUMBER: P333516-940

CATALOG NUMBER: S125RDIP-S375D1205U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	481.2	483.0	483.9	486.2	489.5	491.2	493.5	495.2	497.5	500.2	502.6
5°	450.0	455.0	458.3	463.4	468.1	472.9	478.8	483.1	488.9	495.5	500.7
7.5°	421.1	427.2	432.7	439.5	447.4	453.4	461.3	469.2	478.2	487.6	496.4
10°	402.6	408.8	415.6	424.0	431.9	440.1	449.4	458.7	470.0	480.5	492.4
12.5°	384.3	391.2	398.8	408.2	417.7	428.2	437.7	448.1	460.3	473.9	486.7
15°	361.6	368.2	376.5	384.5	395.4	407.0	419.5	433.3	446.9	462.2	478.0
17.5°	337.2	344.5	353.6	362.9	374.3	387.9	400.2	415.4	430.6	448.4	467.1
20°	321.5	328.9	339.6	349.8	360.3	373.5	388.2	403.7	419.9	438.6	459.5
22.5°	308.9	314.1	324.8	335.2	347.5	361.1	375.3	391.5	409.2	428.6	450.4
25°	290.3	296.5	304.2	315.0	327.8	342.1	356.4	373.5	392.9	412.7	436.0
27.5°	273.8	278.8	286.4	295.0	307.7	322.4	337.8	355.6	375.5	395.7	420.1
30°	262.1	267.7	274.8	283.9	294.0	310.1	325.7	343.3	363.5	384.2	409.4
32.5°	251.9	257.6	263.9	272.4	283.3	297.6	313.7	330.9	351.4	372.9	397.3
35°	237.6	241.5	247.3	255.7	266.4	277.9	294.4	312.5	332.5	354.8	379.3
37.5°	221.1	226.2	231.9	239.3	248.7	261.2	276.5	294.9	313.4	334.7	357.0
40°	211.6	216.3	222.7	228.1	238.0	249.3	263.3	282.5	301.0	321.0	341.4
42.5°	201.9	206.4	211.9	218.6	227.4	238.4	251.5	269.3	289.2	308.0	325.1
45°	186.6	191.5	196.5	202.8	211.0	221.7	234.7	250.9	268.2	285.6	298.5
47.5°	172.1	176.6	181.5	187.8	195.4	205.7	217.3	231.8	248.5	263.2	272.5
50°	161.8	165.9	171.2	177.4	184.9	194.5	205.6	219.8	233.9	247.3	255.7
52.5°	151.5	156.1	161.5	166.8	174.0	183.6	193.9	206.2	219.5	230.4	237.4
55°	136.2	140.5	145.4	151.1	158.0	166.3	177.2	186.9	197.4	206.7	210.8
57.5°	121.4	125.2	129.8	135.6	142.0	149.6	158.3	167.6	175.0	181.6	186.2
60°	111.6	114.9	119.3	124.2	131.1	138.0	145.9	154.5	160.3	165.9	170.2
62.5°	101.7	105.0	109.1	113.5	119.5	126.0	133.5	140.5	146.2	149.9	154.9
65°	86.9	90.1	93.5	98.3	103.0	108.3	115.2	120.3	124.2	128.4	131.4
67.5°	73.1	75.7	79.0	82.8	86.8	91.9	97.2	101.5	104.2	106.6	110.3
70°	64.1	66.2	68.8	71.7	76.1	81.1	85.3	88.6	90.4	92.9	97.5
72.5°	54.8	57.2	59.7	62.6	66.2	70.4	74.1	77.4	78.6	80.5	83.5
75°	43.2	44.5	46.5	48.6	51.1	54.8	58.3	59.1	60.2	61.8	63.8
77.5°	32.7	33.8	34.7	36.0	38.0	40.9	42.8	44.1	44.3	44.9	46.9
80°	25.9	26.6	27.4	28.4	29.2	31.7	32.7	34.0	34.4	35.0	36.0
82.5°	19.1	19.6	20.2	21.0	22.3	23.4	24.3	25.6	25.7	26.1	26.3
85°	11.1	11.3	10.9	11.3	11.5	11.9	13.0	14.0	13.8	13.6	14.2
87.5°	7.5	7.3	6.7	7.0	6.2	6.2	5.8	5.5	5.4	5.4	5.4
90°	17.7	16.6	14.5	13.5	11.4	10.3	8.3	6.2	4.1	2.1	1.1
92.5°	270.5	334.0	339.5	236.5	141.5	85.0	54.8	36.9	24.1	15.3	12.7
95°	898.3	918.0	749.1	463.2	235.2	124.3	77.7	54.9	43.5	35.2	34.2
97.5°	1136.7	980.3	669.0	369.7	202.7	129.3	95.8	75.3	63.8	58.1	56.8
100°	1194.6	935.6	596.8	335.7	201.0	140.9	109.9	90.2	78.7	74.6	72.5
102.5°	1159.8	856.8	542.1	321.6	208.5	155.0	124.8	106.7	94.5	91.2	90.0
105°	1048.6	751.2	489.0	316.0	223.8	178.3	149.2	132.6	122.3	117.1	117.1
107.5°	935.0	678.4	466.6	325.6	246.6	202.4	176.4	159.2	150.6	145.7	143.6
110°	870.3	644.4	460.0	334.7	263.1	220.7	193.8	178.3	168.9	164.8	162.6



TEST NUMBER: P333516-940

CATALOG NUMBER: S125RDIP-S375D1205U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	822.2	624.6	460.0	346.3	278.9	238.1	212.0	196.4	187.1	183.8	181.7
115°	769.8	603.1	463.2	363.6	303.6	265.3	239.3	223.8	214.5	211.3	209.3
117.5°	738.5	592.5	470.0	383.6	328.9	292.6	267.5	249.9	240.6	237.3	234.2
120°	721.1	587.5	476.6	396.8	347.1	310.9	284.9	267.3	258.0	253.9	250.7
122.5°	706.2	583.4	482.4	411.8	364.5	328.2	302.4	283.0	273.8	270.5	268.1
125°	685.9	578.2	492.1	432.0	387.5	353.3	326.4	306.7	297.4	292.2	290.1
127.5°	667.3	575.7	503.1	450.8	409.7	376.7	349.8	328.9	317.1	310.4	307.3
130°	654.9	574.0	509.8	463.2	423.7	391.6	364.7	343.0	329.5	321.2	318.1
132.5°	644.9	574.0	517.2	473.9	437.0	404.9	378.0	355.4	340.3	330.3	326.4
135°	633.1	574.0	527.4	489.0	454.9	422.8	394.8	373.0	356.4	344.0	339.8
137.5°	622.5	575.2	536.7	500.2	467.5	438.3	409.5	388.2	371.6	360.0	356.9
140°	617.5	576.0	540.8	507.7	476.6	446.6	418.6	399.0	382.4	369.9	366.8
142.5°	613.4	576.9	543.3	511.8	482.4	454.1	427.8	408.8	392.3	380.7	378.4
145°	607.2	576.0	546.1	518.1	492.1	465.2	441.4	422.8	408.2	397.9	395.8
147.5°	600.7	573.4	547.1	521.8	498.4	474.7	453.8	437.7	424.2	415.3	414.0
150°	595.8	570.9	547.1	524.3	502.5	479.7	462.1	447.6	434.2	426.9	424.8
152.5°	590.0	567.6	546.3	525.9	506.7	485.5	469.6	455.9	444.1	437.7	436.4
155°	580.2	561.6	543.9	527.4	510.8	493.2	478.7	468.3	458.0	451.7	451.7
157.5°	571.1	555.4	541.3	528.4	514.3	499.2	488.2	479.1	470.2	465.2	465.5
160°	563.7	551.3	538.8	528.4	516.0	502.5	493.2	484.9	477.7	473.5	474.6
162.5°	557.1	546.3	536.3	527.6	517.6	505.9	498.2	491.5	485.1	481.0	482.0
165°	547.1	538.8	532.5	526.4	518.1	509.8	503.5	499.4	494.3	491.2	493.2
167.5°	537.3	531.5	526.7	523.9	518.1	511.2	507.3	504.4	501.5	499.6	500.7
170°	531.5	527.4	524.3	522.2	518.1	512.9	509.8	507.7	505.6	504.6	505.6
172.5°	525.8	522.5	520.9	520.6	517.2	512.9	511.4	510.1	508.1	507.1	509.0
175°	518.1	517.0	517.0	518.1	516.0	512.9	512.9	512.9	511.8	510.8	512.9
177.5°	514.8	513.9	513.9	515.6	514.8	513.1	513.1	513.9	513.1	513.1	514.8
180°	513.9	513.9	513.9	513.9	513.9	513.9	513.9	513.9	513.9	513.9	513.9



TEST NUMBER: P333516-940

CATALOG NUMBER: S125RDIP-S375D1205U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	504.4	505.9	508.0	510.5	512.5	514.6	515.8	515.8	516.7	518.9	521.7
5°	505.9	511.2	516.3	522.9	528.1	534.0	538.6	543.0	546.8	551.8	557.0
7.5°	505.4	514.3	523.6	534.0	545.5	554.6	563.9	571.2	578.5	588.0	595.4
10°	503.8	515.3	527.9	541.1	555.5	568.0	579.4	589.7	599.6	609.9	619.2
12.5°	500.8	515.5	530.8	546.7	564.9	579.3	593.9	604.8	616.4	627.7	639.1
15°	496.3	513.6	532.2	554.3	576.5	592.5	607.0	621.3	632.0	644.7	655.7
17.5°	487.1	509.4	532.8	556.9	578.3	596.9	612.1	625.6	637.0	651.0	665.9
20°	481.7	505.9	530.1	555.9	576.3	595.5	610.1	624.1	638.3	656.7	674.8
22.5°	474.1	499.9	525.7	550.1	571.7	590.2	605.3	622.4	641.1	661.9	683.9
25°	462.2	488.7	514.2	537.5	558.6	577.6	598.2	621.3	643.9	671.3	702.8
27.5°	446.9	472.6	495.3	520.0	540.8	565.0	590.7	615.7	648.4	686.1	725.4
30°	435.6	459.9	481.5	504.8	528.5	555.1	583.9	613.4	652.4	696.6	743.4
32.5°	422.4	444.4	465.8	488.3	515.7	544.8	575.5	611.5	658.1	708.5	756.9
35°	399.5	419.3	440.1	465.0	494.1	525.8	565.0	608.9	665.1	719.3	762.8
37.5°	375.5	391.2	412.1	438.4	470.0	506.7	551.2	604.5	662.2	710.9	729.3
40°	357.0	371.7	393.8	421.3	452.7	492.8	542.7	597.5	655.7	689.4	688.0
42.5°	338.8	353.6	374.8	402.6	435.2	480.2	531.5	588.4	637.5	650.3	623.6
45°	310.7	324.5	345.4	373.4	408.4	455.6	509.5	564.2	595.5	574.6	521.5
47.5°	282.1	295.5	314.9	342.2	380.5	429.9	481.0	525.8	530.1	485.4	421.7
50°	263.3	275.9	294.3	323.5	360.6	408.8	458.1	493.3	482.3	427.8	362.0
52.5°	245.0	257.1	274.3	301.9	339.8	387.0	431.0	458.7	433.4	375.3	316.2
55°	218.0	229.5	246.8	272.2	306.6	349.8	388.4	398.5	361.4	302.9	255.1
57.5°	192.3	200.8	217.8	240.3	273.5	311.7	339.2	337.4	296.5	243.8	209.5
60°	175.3	183.0	199.2	219.8	251.4	285.6	305.0	296.7	255.3	211.8	178.9
62.5°	159.5	166.7	180.3	199.2	226.3	256.1	270.2	258.8	219.7	181.5	155.2
65°	135.5	140.7	151.7	169.2	190.4	211.0	223.6	206.9	172.3	143.4	123.6
67.5°	113.2	117.6	127.3	139.9	154.5	168.8	173.9	158.3	131.3	111.9	97.9
70°	98.7	102.8	109.4	121.2	130.8	140.9	143.4	129.4	106.9	92.1	83.5
72.5°	84.9	88.6	94.4	102.7	109.4	115.2	116.4	103.3	86.1	76.0	69.3
75°	64.7	68.0	71.7	74.8	79.1	80.2	79.7	69.6	60.4	53.6	49.8
77.5°	47.5	49.0	51.2	52.4	52.6	52.5	50.5	44.1	39.2	36.5	35.0
80°	36.6	37.7	38.3	38.7	39.0	36.9	34.6	30.7	29.1	27.4	25.6
82.5°	26.7	27.3	27.9	28.0	26.9	25.1	23.1	21.1	20.0	19.2	18.5
85°	14.4	14.6	14.4	13.4	11.9	11.3	10.9	10.5	10.3	10.1	10.1
87.5°	5.5	5.4	5.0	5.6	6.1	6.1	6.5	6.5	6.8	7.0	7.2
90°	2.1	4.1	6.2	8.3	10.3	11.4	13.5	14.5	16.6	17.7	18.6
92.5°	15.3	24.1	36.9	54.8	85.0	141.5	236.5	339.5	334.0	270.5	183.6
95°	35.2	43.5	54.9	77.7	124.3	235.2	463.2	749.1	918.0	898.3	744.9
97.5°	58.1	63.8	75.3	95.8	129.3	202.7	369.7	669.0	980.3	1136.7	1109.5
100°	74.6	78.7	90.2	109.9	140.9	201.0	335.7	596.8	935.6	1194.6	1274.4
102.5°	91.2	94.5	106.7	124.8	155.0	208.5	321.6	542.1	856.8	1159.8	1330.0
105°	117.1	122.3	132.6	149.2	178.3	223.8	316.0	489.0	751.2	1048.6	1297.3
107.5°	145.7	150.6	159.2	176.4	202.4	246.6	325.6	466.6	678.4	935.0	1180.4
110°	164.8	168.9	178.3	193.8	220.7	263.1	334.7	460.0	644.4	870.3	1094.1



TEST NUMBER: P333516-940

CATALOG NUMBER: S125RDIP-S375D1205U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	183.8	187.1	196.4	212.0	238.1	278.9	346.3	460.0	624.6	822.2	1026.2
115°	211.3	214.5	223.8	239.3	265.3	303.6	363.6	463.2	603.1	769.8	940.8
117.5°	237.3	240.6	249.9	267.5	292.6	328.9	383.6	470.0	592.5	738.5	885.6
120°	253.9	258.0	267.3	284.9	310.9	347.1	396.8	476.6	587.5	721.1	855.9
122.5°	270.5	273.8	283.0	302.4	328.2	364.5	411.8	482.4	583.4	706.2	833.5
125°	292.2	297.4	306.7	326.4	353.3	387.5	432.0	492.1	578.2	685.9	800.9
127.5°	310.4	317.1	328.9	349.8	376.7	409.7	450.8	503.1	575.7	667.3	767.8
130°	321.2	329.5	343.0	364.7	391.6	423.7	463.2	509.8	574.0	654.9	747.1
132.5°	330.3	340.3	355.4	378.0	404.9	437.0	473.9	517.2	574.0	644.9	726.3
135°	344.0	356.4	373.0	394.8	422.8	454.9	489.0	527.4	574.0	633.1	699.4
137.5°	360.0	371.6	388.2	409.5	438.3	467.5	500.2	536.7	575.2	622.5	676.6
140°	369.9	382.4	399.0	418.6	446.6	476.6	507.7	540.8	576.0	617.5	664.1
142.5°	380.7	392.3	408.8	427.8	454.1	482.4	511.8	543.3	576.9	613.4	653.4
145°	397.9	408.2	422.8	441.4	465.2	492.1	518.1	546.1	576.0	607.2	639.3
147.5°	415.3	424.2	437.7	453.8	474.7	498.4	521.8	547.1	573.4	600.7	626.1
150°	426.9	434.2	447.6	462.1	479.7	502.5	524.3	547.1	570.9	595.8	618.6
152.5°	437.7	444.1	455.9	469.6	485.5	506.7	525.9	546.3	567.6	590.0	610.3
155°	451.7	458.0	468.3	478.7	493.2	510.8	527.4	543.9	561.6	580.2	597.8
157.5°	465.2	470.2	479.1	488.2	499.2	514.3	528.4	541.3	555.4	571.1	585.4
160°	473.5	477.7	484.9	493.2	502.5	516.0	528.4	538.8	551.3	563.7	577.1
162.5°	481.0	485.1	491.5	498.2	505.9	517.6	527.6	536.3	546.3	557.1	568.0
165°	491.2	494.3	499.4	503.5	509.8	518.1	526.4	532.5	538.8	547.1	555.4
167.5°	499.6	501.5	504.4	507.3	511.2	518.1	523.9	526.7	531.5	537.3	543.3
170°	504.6	505.6	507.7	509.8	512.9	518.1	522.2	524.3	527.4	531.5	536.7
172.5°	507.1	508.1	510.1	511.4	512.9	517.2	520.6	520.9	522.5	525.8	529.2
175°	510.8	511.8	512.9	512.9	512.9	516.0	518.1	517.0	517.0	518.1	521.2
177.5°	513.1	513.1	513.9	513.1	513.1	514.8	515.6	513.9	513.9	514.8	515.6
180°	513.9	513.9	513.9	513.9	513.9	513.9	513.9	513.9	513.9	513.9	513.9



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	523.9	523.9	526.6	526.5	528.3	527.6	528.0
5°	563.1	566.6	569.7	571.8	574.9	575.7	575.2
7.5°	603.9	611.6	615.4	620.6	621.5	624.3	624.0
10°	629.0	636.7	642.5	646.9	649.3	652.1	652.4
12.5°	648.8	655.3	660.4	664.6	667.4	668.2	668.8
15°	664.3	671.5	677.4	683.4	687.0	689.6	691.1
17.5°	679.8	691.0	701.5	709.6	714.5	718.6	718.6
20°	691.9	704.6	717.8	727.1	736.6	740.7	741.4
22.5°	704.7	724.2	741.3	755.6	768.1	772.4	774.0
25°	731.5	757.0	783.2	803.3	817.8	826.3	827.5
27.5°	763.8	798.3	825.8	844.5	856.4	862.7	864.1
30°	786.5	818.4	843.1	857.1	862.7	863.5	860.4
32.5°	796.7	820.6	830.5	829.6	818.7	811.5	808.7
35°	784.2	779.3	755.2	726.3	704.3	690.3	686.5
37.5°	713.6	671.0	626.7	583.1	559.9	548.0	527.8
40°	644.1	583.3	537.2	500.5	474.3	453.3	448.4
42.5°	565.6	502.8	456.7	425.3	404.4	390.0	383.7
45°	454.5	400.6	362.4	338.3	322.3	311.7	307.0
47.5°	363.6	321.7	294.0	276.2	263.9	254.8	252.2
50°	313.6	280.2	256.7	241.7	232.4	225.4	222.6
52.5°	272.4	245.4	227.4	215.0	206.3	201.9	199.5
55°	224.8	201.5	188.5	178.6	173.7	170.2	168.5
57.5°	183.9	167.0	157.6	150.7	146.2	143.9	143.1
60°	161.0	147.8	139.1	133.8	130.6	127.8	126.9
62.5°	140.6	130.3	123.6	118.9	115.8	114.6	114.0
65°	113.3	106.6	101.6	98.7	96.2	95.8	95.6
67.5°	90.1	86.1	83.5	80.5	79.6	78.2	77.8
70°	77.0	74.4	71.2	70.3	69.2	67.8	68.0
72.5°	65.4	62.7	60.5	59.2	58.9	58.2	58.8
75°	47.8	47.0	46.2	45.1	44.7	44.7	44.5
77.5°	34.2	33.4	32.5	31.9	31.7	30.9	31.2
80°	24.7	23.7	23.3	23.5	22.8	22.6	22.6
82.5°	18.3	17.9	17.5	17.6	17.4	17.2	17.4
85°	10.1	9.9	9.9	9.7	9.7	9.5	9.5
87.5°	7.6	7.9	8.0	7.8	7.8	8.2	8.4
90°	19.7	20.7	22.8	22.8	22.8	23.8	23.8
92.5°	133.2	100.3	85.0	71.7	69.2	67.8	66.1
95°	587.5	460.0	373.0	299.4	268.3	260.1	243.5
97.5°	999.1	874.9	753.9	689.8	631.9	601.8	588.5
100°	1223.7	1117.0	1009.1	937.7	863.1	824.7	808.2
102.5°	1361.3	1310.1	1237.2	1160.7	1107.6	1066.0	1053.6
105°	1439.2	1484.8	1473.4	1440.2	1406.0	1385.3	1372.9
107.5°	1369.8	1486.8	1541.0	1557.7	1557.6	1550.7	1542.4
110°	1291.0	1437.1	1525.2	1571.8	1591.5	1598.7	1598.7



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	1213.1	1360.8	1464.6	1532.9	1566.6	1584.7	1592.1
115°	1101.4	1243.3	1356.3	1437.1	1486.8	1515.8	1529.3
117.5°	1024.1	1146.4	1250.0	1330.8	1382.2	1411.0	1419.2
120°	980.2	1094.1	1185.4	1262.0	1311.7	1339.7	1348.0
122.5°	948.7	1050.3	1135.6	1204.0	1249.6	1277.6	1285.0
125°	906.6	996.8	1071.4	1129.4	1171.9	1194.6	1205.1
127.5°	866.4	950.6	1020.4	1073.0	1110.5	1132.1	1136.7
130°	838.2	919.1	986.4	1038.2	1072.4	1093.1	1099.3
132.5°	811.7	885.0	949.9	1001.7	1035.9	1055.0	1062.0
135°	770.9	837.2	896.3	941.8	976.1	994.7	1000.9
137.5°	734.4	789.5	839.7	880.5	911.6	928.8	935.6
140°	712.8	760.5	804.1	842.4	869.3	884.8	890.0
142.5°	694.6	735.7	773.4	805.9	828.7	843.4	847.7
145°	671.4	703.6	731.5	756.3	774.0	785.4	789.5
147.5°	652.1	676.8	697.9	717.6	731.7	738.3	740.2
150°	641.4	661.0	679.7	695.3	707.7	711.9	712.8
152.5°	630.6	648.6	663.2	676.2	686.1	690.3	691.3
155°	614.4	628.9	640.3	650.7	657.9	661.0	662.1
157.5°	599.1	610.3	619.2	627.2	633.3	636.1	636.0
160°	587.5	597.8	605.1	612.3	617.5	619.6	618.6
162.5°	577.6	586.2	592.6	598.2	602.6	603.1	602.8
165°	562.6	568.8	574.0	578.2	580.2	580.2	580.2
167.5°	548.1	552.9	556.6	558.7	560.5	559.7	559.5
170°	539.8	543.0	545.0	547.1	548.1	548.1	547.1
172.5°	532.4	534.7	535.9	536.3	538.1	536.5	535.5
175°	521.2	523.3	523.3	523.3	524.3	522.2	521.2
177.5°	516.4	516.4	516.4	515.6	516.4	513.9	513.9
180°	513.9	513.9	513.9	513.9	513.9	513.9	513.9

(END OF REPORT)