

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P1034833

Luminaire Tested: S125RDIW-B375D770UB2750-4F0-XX-W2A-A_5000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1034833
REPORT IS A COMBINATION OF REPORTS P1006547 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIW-B375D770UB2750-4F0-XX-W2A-A_5000K
Description: Define 5 Regressed Direct/Indirect Wall Mount with 5000K BioUP LEDs {m-DER=1.015}
{m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

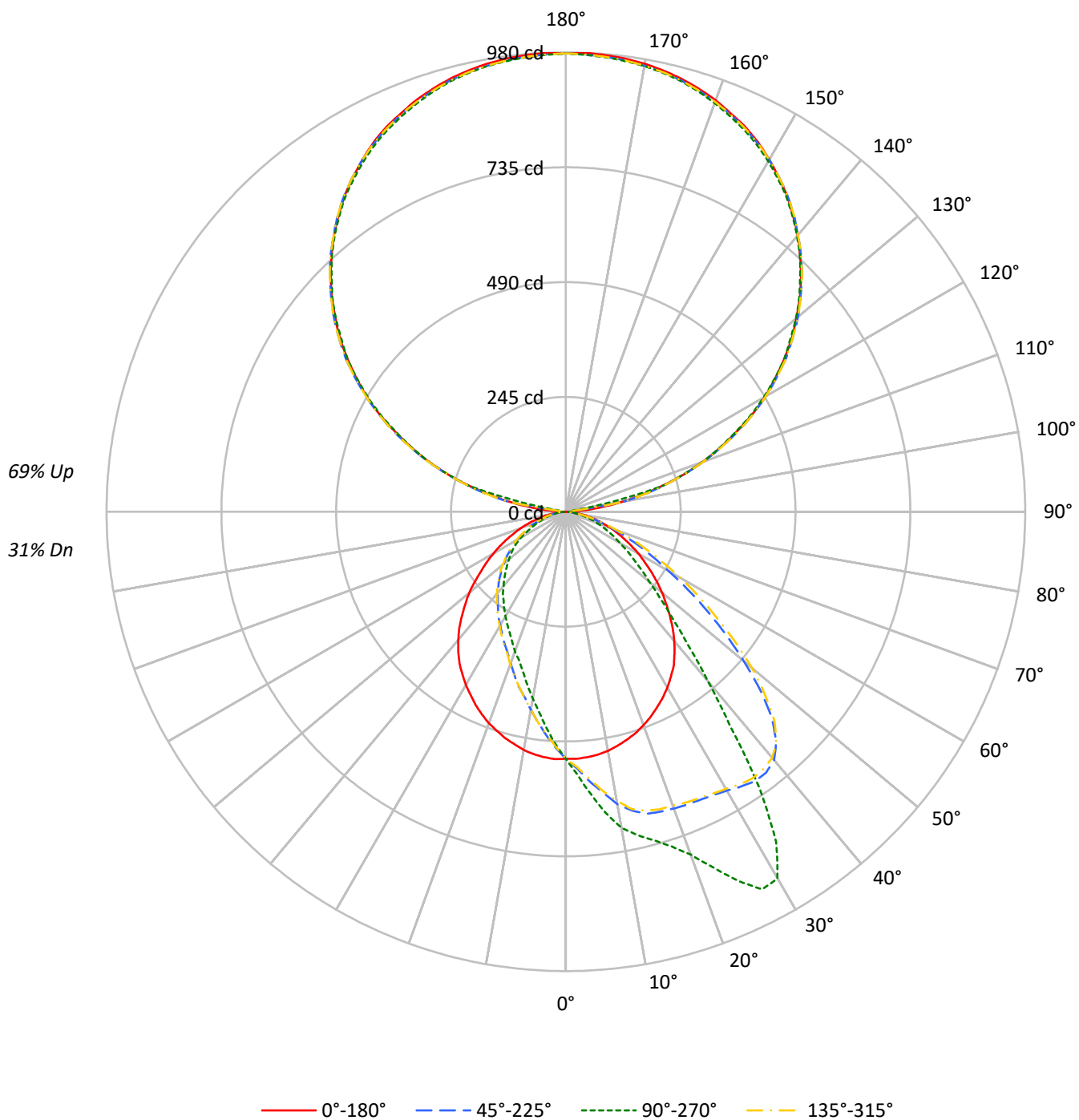
Lumens per Lamp: N/A
Luminaire Lumens: 4370.0 lumens
Efficiency: N/A
Efficacy: 120.7 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 36.2
Input Voltage (V):
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: 24 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	103	103	103	103	92	92	92	92	73	73	73	55	55	55	39	39	39
1	94	90	86	83	84	81	78	75	64	62	60	49	48	46	35	34	33
2	86	79	73	68	77	71	66	62	57	53	50	43	41	39	31	30	28
3	78	69	62	57	70	63	57	52	50	46	42	38	36	33	28	26	24
4	72	61	54	48	64	55	49	44	44	40	36	34	31	29	25	23	21
5	66	55	47	41	59	49	43	38	40	35	31	31	27	25	22	20	19
6	60	49	41	36	54	44	38	33	36	31	27	28	24	22	20	18	16
7	56	44	36	31	50	40	33	29	32	27	24	25	22	19	19	16	15
8	52	40	32	27	46	36	30	25	29	25	21	23	20	17	17	15	13
9	48	36	29	24	43	33	27	22	27	22	19	21	18	15	16	13	12
10	45	33	26	22	40	30	24	20	25	20	17	19	16	14	14	12	11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3376	3376	3376	3376
5°	3373	3805	3373	2924
10°	3354	4276	3343	2528
15°	3318	4523	3294	2201
20°	3274	4883	3244	1990
25°	3217	5527	3180	1806
30°	3158	5875	3110	1674
35°	3083	4832	3039	1551
40°	2948	3281	2924	1442
45°	2772	2359	2769	1333
50°	2592	1814	2605	1233
55°	2389	1475	2384	1136
60°	2200	1208	2189	1009
65°	1980	1008	1991	812
70°	1797	809	1790	676
75°	1517	612	1517	556
80°	1231	374	1215	374
85°	863	196	840	221

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 4805 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.5	1.2
10°-20°	148.1	3.4
20°-30°	234.9	5.4
30°-40°	283.8	6.5
40°-50°	252.7	5.8
50°-60°	193.8	4.4
60°-70°	125.8	2.9
70°-80°	61.1	1.4
80°-90°	15.8	0.4
90°-100°	33.2	0.8
100°-110°	220.7	5.0
110°-120°	397.4	9.1
120°-130°	510.1	11.7
130°-140°	548.6	12.6
140°-150°	514.9	11.8
150°-160°	416.5	9.5
160°-170°	269.4	6.2
170°-180°	92.9	2.1
0°-30°	433.5	9.9
0°-40°	717.3	16.4
0°-60°	1163.7	26.6
0°-90°	1366.5	31.3
90°-120°	651.2	14.9
90°-150°	2224.8	50.9
90°-180°	3004.0	68.7
0°-180°	4370.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	527	527	527	527	527	
5°	526	604	526	464	526	50
15°	504	725	500	353	504	142
25°	460	869	455	284	460	212
35°	401	721	395	231	401	250
45°	314	322	313	182	314	242
55°	222	177	221	136	222	198
65°	138	100	138	81	138	138
75°	67	47	67	42	67	72
85°	15	10	15	11	15	17
90°	1	17	1	17	1	3
95°	41	15	41	15	41	51
105°	213	215	213	215	213	226
115°	400	397	400	397	400	397
125°	569	569	569	569	569	508
135°	710	707	710	707	710	547
145°	823	820	823	820	823	515
155°	906	900	906	900	906	417
165°	956	951	956	951	956	270
175°	978	973	978	973	978	93
180°	978	978	978	978	978	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	527.3	531.6	532.9	536.4	540.3	541.1	543.3	546.3	548.1	547.6	547.6
5°	525.6	532.9	538.1	544.2	551.5	554.5	557.1	563.6	568.8	571.9	577.0
7.5°	522.5	533.4	542.0	551.1	562.3	567.5	573.2	582.2	591.8	597.8	603.4
10°	517.8	531.6	543.7	557.1	572.3	580.1	587.0	600.8	612.5	620.3	633.3
12.5°	510.9	528.2	545.0	562.8	581.8	590.0	599.5	614.7	631.1	642.4	653.2
15°	503.5	524.3	542.4	563.6	586.6	599.1	611.2	627.2	641.9	654.5	667.0
17.5°	494.9	516.9	539.4	563.6	589.6	602.1	612.5	631.5	647.1	659.7	670.9
20°	484.5	509.1	534.7	561.5	587.9	599.5	609.5	630.2	644.1	657.5	673.5
22.5°	473.2	500.0	527.3	553.7	579.6	592.2	603.9	622.0	637.2	655.3	676.1
25°	460.3	489.7	517.3	543.7	568.4	580.1	590.5	610.4	631.5	654.5	677.8
27.5°	447.3	475.8	502.6	526.9	553.7	564.5	574.9	600.0	625.1	649.3	681.3
30°	433.0	462.0	485.3	507.8	533.8	545.0	558.0	586.6	615.1	648.0	686.9
32.5°	417.0	443.4	465.0	488.4	511.7	525.6	542.0	573.2	606.0	645.4	695.1
35°	401.0	422.2	442.1	464.1	492.3	507.0	523.0	555.8	596.9	644.1	702.1
37.5°	380.7	401.0	416.6	439.1	468.0	485.3	501.3	539.4	586.1	641.1	701.6
40°	359.9	377.2	391.9	415.3	446.8	462.8	480.1	521.7	574.9	632.4	691.2
42.5°	337.4	352.1	368.1	390.6	421.3	436.9	456.8	505.2	559.3	620.3	664.4
45°	313.6	327.9	341.3	364.7	395.4	412.2	433.9	483.6	540.3	594.8	621.2
47.5°	290.3	302.8	317.1	337.4	368.5	387.1	409.2	462.4	514.8	560.6	562.8
50°	267.8	277.7	289.8	310.6	343.0	360.8	383.7	433.4	484.5	516.1	494.9
52.5°	244.4	253.5	266.0	284.2	314.5	335.2	355.1	404.9	447.7	468.9	430.0
55°	221.5	229.3	242.2	262.6	289.0	305.0	325.3	371.6	409.2	409.6	367.2
57.5°	199.0	205.9	216.7	234.9	259.5	278.1	296.7	337.0	362.5	355.1	308.0
60°	179.1	183.4	193.4	211.1	234.0	247.4	267.3	301.1	317.9	304.5	253.9
62.5°	158.3	162.6	170.4	184.7	206.3	220.6	233.2	260.8	272.5	252.2	210.7
65°	137.6	142.7	148.4	159.6	179.9	189.5	200.7	221.0	232.3	208.5	172.6
67.5°	119.4	122.0	127.6	139.3	153.6	162.2	170.0	183.8	186.0	167.0	137.6
70°	102.5	103.4	108.6	115.5	126.3	131.5	138.0	146.2	146.2	130.6	107.3
72.5°	83.5	84.8	88.7	96.0	102.5	105.1	107.3	112.5	111.6	97.3	81.3
75°	67.0	67.9	70.9	74.4	77.0	81.8	83.5	82.6	82.2	70.1	61.0
77.5°	51.9	52.3	54.5	57.5	58.0	59.7	58.4	58.4	54.5	47.6	42.8
80°	38.1	38.5	39.4	40.2	40.2	40.2	40.2	38.1	35.5	31.1	29.8
82.5°	25.5	25.5	26.0	26.8	26.4	25.5	24.7	22.5	20.8	19.5	18.6
85°	15.1	15.1	15.6	15.1	13.4	13.0	12.1	11.7	11.2	10.8	10.8
87.5°	7.4	6.9	6.1	5.2	5.2	5.2	5.2	5.2	5.2	4.8	4.8
90°	0.7	2.0	3.3	4.6	5.9	6.5	7.1	8.2	9.3	10.5	11.6
92.5°	13.8	12.3	10.9	9.4	7.9	7.2	7.7	8.7	9.6	10.6	11.6
95°	41.3	40.8	40.3	39.8	39.3	39.1	36.0	29.9	23.8	17.7	11.6
97.5°	77.6	78.6	79.5	80.5	81.4	81.9	74.2	58.9	43.6	28.3	13.0
100°	121.0	121.5	122.0	122.5	123.0	123.2	123.5	124.2	124.8	125.5	126.1
102.5°	165.3	165.9	166.6	167.2	167.9	168.2	168.4	168.7	169.0	169.3	169.6
105°	213.1	213.7	214.4	215.0	215.7	216.0	216.0	216.0	216.0	216.0	216.0
107.5°	262.4	262.4	262.4	262.4	262.4	262.4	262.6	262.9	263.2	263.5	263.8
110°	310.2	310.2	310.2	310.2	310.2	310.2	310.4	310.7	311.0	311.4	311.7

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	355.2	355.7	356.1	356.6	357.1	357.3	357.4	357.6	357.7	357.9	358.1
115°	400.1	400.9	401.7	402.5	403.3	403.7	403.8	404.0	404.1	404.3	404.5
117.5°	447.2	447.2	447.2	447.2	447.2	447.2	447.5	448.2	448.8	449.5	450.1
120°	490.7	490.5	490.4	490.2	490.1	490.0	490.2	490.7	491.2	491.7	492.2
122.5°	529.1	529.9	530.7	531.5	532.3	532.7	532.8	533.0	533.1	533.3	533.5
125°	569.0	570.1	571.3	572.4	573.5	574.1	574.1	574.1	574.1	574.1	574.1
127.5°	607.4	608.2	609.0	609.8	610.6	611.0	610.9	610.8	610.6	610.5	610.3
130°	642.2	643.0	643.8	644.6	645.4	645.8	645.9	646.0	646.2	646.3	646.5
132.5°	677.0	678.0	678.9	679.9	680.8	681.3	681.1	680.6	680.1	679.7	679.2
135°	709.6	710.6	711.5	712.5	713.4	713.9	713.7	713.4	713.1	712.8	712.5
137.5°	740.0	741.0	742.0	742.9	743.9	744.4	744.2	743.9	743.6	743.2	742.9
140°	769.8	770.1	770.4	770.7	771.0	771.2	771.1	771.0	770.8	770.7	770.5
142.5°	796.6	796.8	796.9	797.1	797.2	797.3	797.5	797.8	798.1	798.5	798.8
145°	822.7	823.0	823.3	823.6	823.9	824.1	824.1	824.1	824.1	824.1	824.1
147.5°	845.9	845.9	845.9	845.9	845.9	845.9	846.0	846.1	846.3	846.4	846.6
150°	867.6	867.3	867.0	866.7	866.4	866.2	866.4	866.7	867.0	867.3	867.6
152.5°	888.6	887.8	887.0	886.2	885.4	885.0	885.2	885.5	885.8	886.2	886.5
155°	906.0	905.0	904.1	903.1	902.2	901.7	901.9	902.2	902.5	902.8	903.1
157.5°	919.8	919.3	918.8	918.3	917.8	917.6	917.6	917.6	917.6	917.6	917.6
160°	934.3	933.3	932.3	931.4	930.4	929.9	930.0	930.2	930.3	930.5	930.7
162.5°	945.9	944.9	943.9	943.0	942.0	941.5	941.6	941.8	941.9	942.1	942.3
165°	956.0	955.0	954.1	953.1	952.2	951.7	951.8	951.9	952.1	952.2	952.4
167.5°	964.0	963.0	962.1	961.1	960.2	959.7	959.8	959.9	960.1	960.2	960.4
170°	970.5	969.4	968.3	967.2	966.1	965.5	965.6	965.7	965.9	966.0	966.2
172.5°	974.9	973.8	972.6	971.5	970.4	969.8	970.0	970.3	970.6	971.0	971.3
175°	977.8	976.8	975.8	974.9	973.9	973.4	973.5	973.7	973.8	974.0	974.2
177.5°	980.0	979.0	978.0	977.1	976.1	975.6	975.7	975.8	976.0	976.1	976.3
180°	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	549.8	552.8	555.4	554.1	559.3	558.9	559.7	561.5	561.9	561.0	559.3
5°	579.6	584.0	591.3	595.2	594.3	597.8	599.5	602.1	604.7	603.9	603.9
7.5°	612.9	619.0	626.4	636.3	637.6	640.6	645.8	645.8	648.8	647.6	647.1
10°	641.9	649.3	661.0	668.7	672.2	673.9	679.1	680.9	684.3	684.8	684.8
12.5°	665.7	678.7	686.5	694.3	696.0	698.6	702.5	705.1	706.4	706.4	705.1
15°	678.3	688.6	697.7	705.9	710.7	712.9	716.8	719.8	721.5	725.4	726.3
17.5°	683.5	696.0	710.7	722.4	730.6	732.8	740.6	743.1	746.6	748.3	750.5
20°	690.8	709.0	726.7	741.0	748.8	754.4	762.6	774.7	778.2	778.2	776.9
22.5°	697.3	720.7	744.9	767.8	774.3	785.5	800.7	813.7	818.8	821.0	819.3
25°	705.1	737.1	768.7	797.2	815.0	823.2	843.5	859.1	865.1	868.6	869.5
27.5°	718.5	758.7	798.9	835.3	853.5	863.0	884.2	897.6	904.9	908.0	905.8
30°	733.6	782.9	829.7	862.1	874.2	885.9	899.7	904.9	903.2	903.2	909.7
32.5°	749.2	800.2	841.8	863.0	867.3	865.6	859.9	844.4	835.3	835.3	840.9
35°	757.9	802.0	823.2	816.3	799.4	789.4	758.7	741.4	722.0	720.7	727.1
37.5°	753.1	772.1	763.5	718.1	695.1	676.1	628.1	609.1	594.8	574.9	605.6
40°	719.8	713.3	668.3	603.0	577.5	550.7	512.6	493.6	473.7	470.6	478.0
42.5°	663.6	625.1	559.3	496.2	470.2	451.2	422.2	403.6	391.0	385.8	394.5
45°	593.5	532.9	467.2	417.0	388.4	378.5	352.1	335.7	326.2	322.3	328.3
47.5°	507.8	446.8	384.6	342.2	325.3	315.3	297.6	283.3	275.1	272.5	275.1
50°	431.3	368.5	316.2	289.0	273.8	265.6	250.9	241.8	235.3	233.6	237.9
52.5°	365.1	308.0	268.2	244.0	234.0	227.1	216.7	208.9	205.0	203.3	206.3
55°	305.8	259.5	227.5	206.8	199.4	195.1	186.0	181.7	177.4	176.9	179.9
57.5°	253.5	221.5	192.1	177.4	175.2	168.7	160.9	157.0	154.9	154.4	155.7
60°	211.1	182.5	164.8	151.8	148.8	143.6	139.3	136.7	134.1	133.2	134.1
62.5°	175.6	153.1	138.9	130.2	125.9	124.6	119.8	116.8	116.4	116.4	117.2
65°	144.9	125.9	116.8	109.9	106.8	105.5	102.1	99.9	100.4	100.4	100.8
67.5°	118.1	104.2	96.0	92.6	90.0	89.5	86.1	85.2	84.4	84.4	85.2
70°	93.9	85.2	79.2	77.4	77.0	74.0	72.7	72.2	70.9	71.4	71.4
72.5°	73.5	67.9	64.5	61.9	62.3	60.6	58.8	58.8	58.0	59.3	59.3
75°	54.5	51.9	49.3	48.4	49.3	48.4	47.1	46.7	47.1	46.7	46.7
77.5°	40.2	38.9	38.1	37.6	37.6	35.9	35.0	35.9	34.2	35.0	35.0
80°	28.1	26.4	26.0	25.1	25.5	24.2	24.7	23.8	23.8	23.8	23.8
82.5°	17.7	17.3	17.3	17.3	16.9	16.9	16.9	16.9	16.9	16.9	16.4
85°	10.8	10.4	10.4	10.4	9.9	9.9	9.9	9.9	9.9	9.9	9.9
87.5°	4.3	4.8	4.8	5.2	4.8	4.3	4.3	4.3	4.8	4.8	4.3
90°	12.4	13.2	14.0	14.8	15.2	15.4	15.9	16.4	16.9	17.4	16.9
92.5°	12.4	13.2	14.0	14.8	15.2	15.3	15.4	15.6	15.7	15.9	15.7
95°	12.4	13.2	14.0	14.8	15.2	15.2	15.2	15.2	15.2	15.2	15.2
97.5°	13.3	13.7	14.0	14.3	14.5	14.6	14.7	14.9	15.0	15.2	15.0
100°	102.1	78.1	54.1	30.1	18.1	17.8	17.1	16.5	15.8	15.2	15.8
102.5°	169.9	170.3	170.6	170.9	171.1	164.3	150.8	137.3	123.7	110.2	123.7
105°	216.0	216.0	216.0	216.0	216.0	215.9	215.8	215.6	215.5	215.3	215.5
107.5°	264.0	264.2	264.3	264.5	264.6	264.3	263.6	263.0	262.3	261.7	262.3
110°	311.2	310.7	310.2	309.7	309.5	309.6	309.7	309.9	310.0	310.2	310.0

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	357.5	356.8	356.2	355.5	355.2	355.0	354.7	354.4	354.0	353.7	354.0
115°	403.9	403.2	402.6	401.9	401.6	401.1	400.1	399.2	398.2	397.2	398.2
117.5°	449.1	448.2	447.2	446.3	445.8	445.6	445.3	445.0	444.6	444.3	444.6
120°	491.9	491.5	491.2	490.9	490.7	490.3	489.5	488.7	487.9	487.1	487.9
122.5°	533.2	532.8	532.5	532.2	532.0	531.5	530.6	529.6	528.7	527.7	528.7
125°	573.5	572.8	572.2	571.5	571.2	571.0	570.5	570.0	569.5	569.0	569.5
127.5°	610.0	609.7	609.4	609.1	608.9	608.3	607.0	605.7	604.4	603.1	604.4
130°	646.0	645.6	645.1	644.6	644.4	644.0	643.2	642.3	641.5	640.7	641.5
132.5°	679.2	679.2	679.2	679.2	679.2	678.8	678.0	677.1	676.3	675.5	676.3
135°	712.2	711.9	711.6	711.3	711.1	710.6	709.6	708.7	707.7	706.7	707.7
137.5°	742.9	742.9	742.9	742.9	742.9	742.5	741.7	740.9	740.1	739.3	740.1
140°	770.8	771.1	771.4	771.7	771.9	771.4	770.5	769.5	768.6	767.6	768.6
142.5°	798.8	798.8	798.8	798.8	798.8	798.3	797.3	796.4	795.4	794.4	795.4
145°	824.3	824.4	824.6	824.7	824.8	824.3	823.4	822.4	821.5	820.5	821.5
147.5°	846.8	846.9	847.1	847.2	847.3	846.7	845.6	844.5	843.3	842.2	843.3
150°	867.9	868.3	868.6	868.9	869.1	868.5	867.2	865.9	864.6	863.3	864.6
152.5°	886.8	887.1	887.4	887.7	887.9	887.3	886.2	885.1	883.9	882.8	883.9
155°	903.6	904.1	904.6	905.1	905.3	904.7	903.4	902.1	900.8	899.5	900.8
157.5°	918.1	918.6	919.1	919.6	919.8	919.2	917.9	916.6	915.3	914.0	915.3
160°	931.3	932.0	932.6	933.3	933.6	933.0	931.7	930.4	929.1	927.8	929.1
162.5°	943.3	944.2	945.2	946.1	946.6	945.9	944.4	943.0	941.5	940.1	941.5
165°	953.4	954.4	955.3	956.3	956.8	956.2	954.9	953.6	952.3	951.0	952.3
167.5°	961.5	962.7	963.8	964.9	965.5	964.8	963.3	961.8	960.4	958.9	960.4
170°	967.5	968.8	970.1	971.4	972.0	971.3	969.8	968.4	966.9	965.5	966.9
172.5°	972.4	973.5	974.6	975.7	976.3	975.6	974.1	972.7	971.2	969.8	971.2
175°	975.5	976.8	978.1	979.4	980.0	979.3	977.8	976.3	974.9	973.4	974.9
177.5°	977.4	978.6	979.7	980.8	981.4	980.8	979.5	978.2	976.9	975.6	976.9
180°	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8

TEST NUMBER: P1034833

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	561.5	558.4	559.7	558.4	557.1	555.8	552.8	548.5	545.0	542.4	542.0
5°	604.7	600.8	598.2	596.9	594.3	590.9	585.3	578.8	571.0	568.0	561.9
7.5°	644.5	643.2	637.2	636.3	634.6	628.1	618.6	609.9	600.0	591.8	584.0
10°	682.2	679.1	674.8	668.7	667.9	659.7	650.6	638.5	625.5	617.7	603.9
12.5°	705.5	702.1	697.3	693.4	691.2	686.0	673.5	661.4	649.7	635.4	623.3
15°	722.4	718.1	709.4	706.4	703.8	696.9	687.8	675.2	659.7	649.7	632.4
17.5°	745.3	740.1	731.5	725.8	721.1	710.3	697.3	680.4	665.7	654.5	638.9
20°	771.7	763.9	752.7	745.3	738.4	725.8	707.7	687.8	666.6	652.7	636.7
22.5°	815.4	800.7	782.9	772.6	763.0	741.4	719.8	695.1	671.3	650.6	631.1
25°	857.8	843.1	821.0	806.7	792.0	766.9	738.4	704.2	673.9	649.7	624.2
27.5°	897.1	882.0	861.7	844.4	830.1	792.5	754.8	716.3	677.8	644.5	618.6
30°	906.2	899.7	884.2	869.0	856.0	821.4	777.8	728.9	682.6	639.8	610.8
32.5°	851.3	867.3	871.2	869.0	860.8	836.2	795.9	744.4	689.5	637.6	597.8
35°	737.1	766.1	795.9	811.9	819.7	823.2	799.4	752.2	694.3	634.1	589.2
37.5°	611.2	639.3	686.5	710.3	736.7	771.3	780.8	750.5	692.1	631.5	575.3
40°	502.2	538.1	577.0	598.7	621.6	683.9	731.0	727.6	685.2	622.0	564.5
42.5°	408.8	431.3	465.4	489.2	517.3	587.0	650.1	681.3	664.4	610.4	550.7
45°	340.9	358.2	382.4	406.6	423.9	487.1	561.9	612.9	629.0	589.6	529.5
47.5°	287.2	300.2	321.4	336.5	355.1	404.9	469.8	541.6	575.3	560.2	507.0
50°	246.1	256.5	273.4	282.9	299.3	342.2	391.5	466.7	517.8	519.5	477.1
52.5°	210.2	220.6	234.9	243.1	253.1	282.0	331.8	395.4	454.2	475.8	442.9
55°	183.0	189.0	200.7	207.2	216.3	244.4	276.0	330.0	391.5	426.9	406.2
57.5°	157.9	164.4	171.7	176.9	183.4	205.9	234.5	275.1	336.1	374.6	367.7
60°	137.6	141.4	148.4	152.3	158.3	173.0	192.9	233.6	282.0	318.4	322.3
62.5°	118.5	122.0	126.7	130.2	134.1	145.8	160.5	189.5	231.9	271.2	276.4
65°	102.1	105.1	107.7	110.7	113.8	121.1	133.7	156.2	189.0	225.8	237.0
67.5°	87.4	88.2	92.1	92.6	94.3	99.9	109.0	127.2	151.0	180.4	195.1
70°	73.1	74.8	75.7	77.0	78.7	82.6	90.0	99.5	117.2	141.0	154.9
72.5°	59.3	59.7	61.0	61.9	63.6	66.6	70.1	77.4	88.7	106.0	118.5
75°	47.1	47.6	48.4	48.9	50.2	51.0	52.8	58.0	65.8	76.1	85.2
77.5°	35.5	36.3	37.2	37.2	37.6	38.5	39.4	41.1	45.0	51.9	59.7
80°	24.2	24.7	24.7	25.1	24.7	26.0	27.3	29.4	31.1	33.3	37.2
82.5°	16.9	16.9	16.9	17.3	17.3	17.7	17.7	18.2	18.6	19.9	21.6
85°	10.4	10.4	10.8	9.9	10.4	10.8	10.8	10.4	10.8	11.2	11.7
87.5°	4.3	4.3	4.8	4.8	4.8	4.8	4.3	4.8	4.3	4.8	4.8
90°	16.4	15.9	15.4	15.2	14.8	14.0	13.2	12.4	11.6	10.5	9.3
92.5°	15.6	15.4	15.3	15.2	14.8	14.0	13.2	12.4	11.6	10.6	9.6
95°	15.2	15.2	15.2	15.2	14.8	14.0	13.2	12.4	11.6	17.7	23.8
97.5°	14.9	14.7	14.6	14.5	14.3	14.0	13.7	13.3	13.0	28.3	43.6
100°	16.5	17.1	17.8	18.1	30.1	54.1	78.1	102.1	126.1	125.5	124.8
102.5°	137.3	150.8	164.3	171.1	170.9	170.6	170.3	169.9	169.6	169.3	169.0
105°	215.6	215.8	215.9	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0
107.5°	263.0	263.6	264.3	264.6	264.5	264.3	264.2	264.0	263.8	263.5	263.2
110°	309.9	309.7	309.6	309.5	309.7	310.2	310.7	311.2	311.7	311.4	311.0

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	354.4	354.7	355.0	355.2	355.5	356.2	356.8	357.5	358.1	357.9	357.7
115°	399.2	400.1	401.1	401.6	401.9	402.6	403.2	403.9	404.5	404.3	404.1
117.5°	445.0	445.3	445.6	445.8	446.3	447.2	448.2	449.1	450.1	449.5	448.8
120°	488.7	489.5	490.3	490.7	490.9	491.2	491.5	491.9	492.2	491.7	491.2
122.5°	529.6	530.6	531.5	532.0	532.2	532.5	532.8	533.2	533.5	533.3	533.1
125°	570.0	570.5	571.0	571.2	571.5	572.2	572.8	573.5	574.1	574.1	574.1
127.5°	605.7	607.0	608.3	608.9	609.1	609.4	609.7	610.0	610.3	610.5	610.6
130°	642.3	643.2	644.0	644.4	644.6	645.1	645.6	646.0	646.5	646.3	646.2
132.5°	677.1	678.0	678.8	679.2	679.2	679.2	679.2	679.2	679.2	679.7	680.1
135°	708.7	709.6	710.6	711.1	711.3	711.6	711.9	712.2	712.5	712.8	713.1
137.5°	740.9	741.7	742.5	742.9	742.9	742.9	742.9	742.9	742.9	743.2	743.6
140°	769.5	770.5	771.4	771.9	771.7	771.4	771.1	770.8	770.5	770.7	770.8
142.5°	796.4	797.3	798.3	798.8	798.8	798.8	798.8	798.8	798.8	798.5	798.1
145°	822.4	823.4	824.3	824.8	824.7	824.6	824.4	824.3	824.1	824.1	824.1
147.5°	844.5	845.6	846.7	847.3	847.2	847.1	846.9	846.8	846.6	846.4	846.3
150°	865.9	867.2	868.5	869.1	868.9	868.6	868.3	867.9	867.6	867.3	867.0
152.5°	885.1	886.2	887.3	887.9	887.7	887.4	887.1	886.8	886.5	886.2	885.8
155°	902.1	903.4	904.7	905.3	905.1	904.6	904.1	903.6	903.1	902.8	902.5
157.5°	916.6	917.9	919.2	919.8	919.6	919.1	918.6	918.1	917.6	917.6	917.6
160°	930.4	931.7	933.0	933.6	933.3	932.6	932.0	931.3	930.7	930.5	930.3
162.5°	943.0	944.4	945.9	946.6	946.1	945.2	944.2	943.3	942.3	942.1	941.9
165°	953.6	954.9	956.2	956.8	956.3	955.3	954.4	953.4	952.4	952.2	952.1
167.5°	961.8	963.3	964.8	965.5	964.9	963.8	962.7	961.5	960.4	960.2	960.1
170°	968.4	969.8	971.3	972.0	971.4	970.1	968.8	967.5	966.2	966.0	965.9
172.5°	972.7	974.1	975.6	976.3	975.7	974.6	973.5	972.4	971.3	971.0	970.6
175°	976.3	977.8	979.3	980.0	979.4	978.1	976.8	975.5	974.2	974.0	973.8
177.5°	978.2	979.5	980.8	981.4	980.8	979.7	978.6	977.4	976.3	976.1	976.0
180°	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8

TEST NUMBER: P1034833

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	540.7	538.1	536.4	535.9	533.4	531.2	528.6	528.2	526.9	523.4	521.2
5°	557.6	551.5	550.2	546.3	539.8	535.1	529.0	525.6	521.7	515.2	510.0
7.5°	574.9	566.7	560.6	555.0	545.9	537.2	528.6	521.7	514.8	505.2	497.5
10°	591.8	579.2	571.9	563.6	551.1	538.1	526.0	516.1	504.8	493.6	482.3
12.5°	607.3	591.3	580.5	568.8	553.3	537.2	521.7	507.8	496.2	481.0	468.5
15°	616.8	599.1	588.3	577.0	553.7	535.9	517.8	500.0	484.5	468.5	456.8
17.5°	622.5	602.6	590.5	580.1	556.3	532.1	508.7	489.7	472.8	453.8	438.2
20°	619.9	600.4	589.2	579.2	551.5	527.3	502.2	480.1	459.0	439.5	423.0
22.5°	614.2	593.9	581.4	572.3	547.6	519.1	491.4	467.6	445.5	426.1	407.5
25°	602.1	582.2	571.4	560.2	535.9	508.7	480.6	455.1	431.7	410.9	390.2
27.5°	591.3	567.1	555.8	545.9	520.4	496.2	468.5	440.4	416.6	394.9	374.2
30°	578.8	551.5	539.4	526.0	503.1	480.1	452.5	426.5	401.9	378.9	359.0
32.5°	565.4	533.8	519.9	504.8	481.4	459.8	436.5	410.9	386.3	363.8	343.0
35°	548.1	514.3	498.3	484.0	459.8	438.2	416.6	395.4	370.7	346.9	327.0
37.5°	531.6	494.4	477.6	461.1	435.6	414.8	397.1	377.2	353.4	330.5	311.4
40°	513.0	470.2	452.9	437.8	411.4	388.4	372.4	356.9	336.1	314.0	293.3
42.5°	496.2	447.7	429.5	414.0	386.3	364.7	349.5	336.5	318.4	298.0	276.8
45°	472.8	423.5	404.9	388.4	360.3	340.0	324.4	313.2	298.9	279.9	260.8
47.5°	451.2	400.1	379.8	359.9	334.4	313.6	299.3	290.7	281.2	264.3	244.8
50°	424.8	373.3	352.5	336.1	307.1	289.4	275.1	269.1	260.4	244.4	228.8
52.5°	396.2	347.4	327.9	308.0	281.2	263.9	251.3	244.4	237.5	225.8	211.1
55°	362.9	318.4	300.2	282.5	255.6	239.6	228.4	221.0	217.1	206.3	195.5
57.5°	330.9	289.0	272.1	255.6	232.3	214.1	206.8	200.3	194.7	186.9	177.8
60°	298.5	260.4	242.2	227.5	207.2	190.8	184.7	178.2	173.9	167.8	161.3
62.5°	261.3	228.8	215.0	201.1	183.8	170.9	163.9	158.8	153.1	149.2	143.6
65°	221.9	199.0	185.6	175.2	158.8	147.1	141.9	138.4	133.7	129.8	125.4
67.5°	185.1	167.0	161.3	150.1	137.6	127.2	123.3	119.0	115.1	112.9	109.0
70°	149.7	136.7	131.1	128.0	114.2	107.3	103.8	102.1	97.3	95.2	92.6
72.5°	115.9	111.2	107.3	103.4	94.3	90.0	86.1	84.4	80.9	79.2	78.3
75°	85.6	82.6	80.5	80.0	76.1	71.8	67.9	67.0	64.5	62.7	61.9
77.5°	60.1	59.3	58.8	59.3	56.7	54.1	53.2	52.3	49.3	48.9	48.9
80°	39.4	41.5	41.5	41.1	40.2	39.8	38.5	37.6	35.9	35.5	35.9
82.5°	24.2	25.5	26.0	26.8	26.4	26.0	25.1	24.7	25.1	24.2	24.7
85°	12.1	13.0	14.7	14.7	15.1	15.1	15.1	14.7	13.8	14.3	13.8
87.5°	4.8	5.2	5.2	5.2	4.8	6.1	6.5	6.5	6.5	5.6	5.6
90°	8.2	7.1	6.5	5.9	4.6	3.3	2.0	0.7	2.0	3.3	4.6
92.5°	8.7	7.7	7.2	7.9	9.4	10.9	12.3	13.8	12.3	10.9	9.4
95°	29.9	36.0	39.1	39.3	39.8	40.3	40.8	41.3	40.8	40.3	39.8
97.5°	58.9	74.2	81.9	81.4	80.5	79.5	78.6	77.6	78.6	79.5	80.5
100°	124.2	123.5	123.2	123.0	122.5	122.0	121.5	121.0	121.5	122.0	122.5
102.5°	168.7	168.4	168.2	167.9	167.2	166.6	165.9	165.3	165.9	166.6	167.2
105°	216.0	216.0	216.0	215.7	215.0	214.4	213.7	213.1	213.7	214.4	215.0
107.5°	262.9	262.6	262.4	262.4	262.4	262.4	262.4	262.4	262.4	262.4	262.4
110°	310.7	310.4	310.2	310.2	310.2	310.2	310.2	310.2	310.2	310.2	310.2

TEST NUMBER: P1034833

CATALOG NUMBER: S125RDIW-B375D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	357.6	357.4	357.3	357.1	356.6	356.1	355.7	355.2	355.7	356.1	356.6
115°	404.0	403.8	403.7	403.3	402.5	401.7	400.9	400.1	400.9	401.7	402.5
117.5°	448.2	447.5	447.2	447.2	447.2	447.2	447.2	447.2	447.2	447.2	447.2
120°	490.7	490.2	490.0	490.1	490.2	490.4	490.5	490.7	490.5	490.4	490.2
122.5°	533.0	532.8	532.7	532.3	531.5	530.7	529.9	529.1	529.9	530.7	531.5
125°	574.1	574.1	574.1	573.5	572.4	571.3	570.1	569.0	570.1	571.3	572.4
127.5°	610.8	610.9	611.0	610.6	609.8	609.0	608.2	607.4	608.2	609.0	609.8
130°	646.0	645.9	645.8	645.4	644.6	643.8	643.0	642.2	643.0	643.8	644.6
132.5°	680.6	681.1	681.3	680.8	679.9	678.9	678.0	677.0	678.0	678.9	679.9
135°	713.4	713.7	713.9	713.4	712.5	711.5	710.6	709.6	710.6	711.5	712.5
137.5°	743.9	744.2	744.4	743.9	742.9	742.0	741.0	740.0	741.0	742.0	742.9
140°	771.0	771.1	771.2	771.0	770.7	770.4	770.1	769.8	770.1	770.4	770.7
142.5°	797.8	797.5	797.3	797.2	797.1	796.9	796.8	796.6	796.8	796.9	797.1
145°	824.1	824.1	824.1	823.9	823.6	823.3	823.0	822.7	823.0	823.3	823.6
147.5°	846.1	846.0	845.9	845.9	845.9	845.9	845.9	845.9	845.9	845.9	845.9
150°	866.7	866.4	866.2	866.4	866.7	867.0	867.3	867.6	867.3	867.0	866.7
152.5°	885.5	885.2	885.0	885.4	886.2	887.0	887.8	888.6	887.8	887.0	886.2
155°	902.2	901.9	901.7	902.2	903.1	904.1	905.0	906.0	905.0	904.1	903.1
157.5°	917.6	917.6	917.6	917.8	918.3	918.8	919.3	919.8	919.3	918.8	918.3
160°	930.2	930.0	929.9	930.4	931.4	932.3	933.3	934.3	933.3	932.3	931.4
162.5°	941.8	941.6	941.5	942.0	943.0	943.9	944.9	945.9	944.9	943.9	943.0
165°	951.9	951.8	951.7	952.2	953.1	954.1	955.0	956.0	955.0	954.1	953.1
167.5°	959.9	959.8	959.7	960.2	961.1	962.1	963.0	964.0	963.0	962.1	961.1
170°	965.7	965.6	965.5	966.1	967.2	968.3	969.4	970.5	969.4	968.3	967.2
172.5°	970.3	970.0	969.8	970.4	971.5	972.6	973.8	974.9	973.8	972.6	971.5
175°	973.7	973.5	973.4	973.9	974.9	975.8	976.8	977.8	976.8	975.8	974.9
177.5°	975.8	975.7	975.6	976.1	977.1	978.0	979.0	980.0	979.0	978.0	977.1
180°	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8

TEST NUMBER: P1034833

CATALOG NUMBER: S125RDIW-B375D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	519.9	518.2	516.9	515.6	510.0	503.9	503.1	501.8	499.2	502.2	500.9
5°	506.5	502.6	500.5	494.9	487.9	482.7	478.4	473.2	471.1	469.3	468.9
7.5°	490.1	486.6	482.7	477.1	468.5	459.8	453.3	448.1	443.8	441.6	441.6
10°	474.1	469.8	464.6	455.1	446.8	436.0	429.1	423.9	417.9	414.4	411.4
12.5°	457.7	452.9	448.1	436.0	426.5	415.3	405.3	398.8	395.8	391.9	386.7
15°	441.2	433.9	429.1	417.0	404.9	393.6	387.1	380.2	373.3	369.4	367.7
17.5°	423.9	418.7	410.9	398.0	384.6	374.6	365.1	358.6	350.4	346.5	342.6
20°	408.3	400.6	392.8	379.8	366.8	353.4	343.9	336.1	330.9	327.9	324.4
22.5°	389.7	382.4	375.9	362.1	347.8	335.2	324.9	320.1	314.9	310.1	306.7
25°	373.7	366.4	359.9	344.8	329.2	317.5	309.7	303.7	298.0	295.9	292.4
27.5°	356.9	349.9	341.3	326.2	312.3	302.4	294.1	288.5	284.2	279.9	277.3
30°	340.9	333.1	325.3	308.9	297.6	287.7	279.9	272.9	269.5	267.3	263.0
32.5°	325.3	315.3	308.9	293.7	282.9	273.4	266.9	260.8	256.5	252.6	249.2
35°	308.4	297.6	291.1	278.6	267.3	257.8	252.2	247.9	242.7	239.2	237.5
37.5°	292.4	283.3	276.8	263.9	252.6	244.8	238.8	233.2	231.0	226.2	225.4
40°	275.1	267.3	261.3	248.7	238.3	232.3	225.8	220.6	216.7	214.6	211.5
42.5°	259.5	253.1	246.6	234.9	224.9	217.6	212.8	208.1	204.6	201.1	199.0
45°	245.3	238.3	232.3	221.0	211.1	204.6	199.8	194.2	193.4	188.6	186.4
47.5°	230.1	224.1	218.9	207.2	198.1	191.6	186.0	182.1	178.2	176.5	173.5
50°	215.4	209.4	203.3	192.9	184.7	178.2	172.6	168.3	166.1	163.5	160.9
52.5°	199.4	194.7	189.9	179.1	170.9	165.2	160.5	154.9	152.7	150.5	148.8
55°	186.0	179.1	173.9	164.8	157.5	151.4	146.2	141.9	139.7	138.0	135.8
57.5°	167.8	163.5	159.2	151.0	144.0	138.0	132.8	129.3	126.7	125.4	125.9
60°	152.3	147.5	144.9	136.3	129.3	124.6	119.8	116.4	113.8	112.5	112.0
62.5°	135.8	132.4	127.6	121.6	114.6	110.3	106.8	104.2	99.9	99.5	98.2
65°	119.8	117.2	112.9	107.3	101.7	97.8	93.9	90.4	88.7	86.5	85.2
67.5°	104.2	101.7	97.8	93.0	89.1	85.2	81.8	78.3	75.3	73.5	72.7
70°	89.1	86.9	84.4	78.7	74.0	70.9	68.3	66.2	63.2	62.3	61.9
72.5°	74.4	72.2	70.9	66.2	61.9	59.3	56.7	54.5	53.2	52.8	51.5
75°	61.0	58.8	57.1	52.8	50.2	48.4	45.9	45.0	43.7	43.3	42.8
77.5°	47.6	45.4	45.0	42.0	38.9	38.1	37.2	35.5	35.5	35.5	34.6
80°	34.2	33.7	33.3	30.3	29.0	28.1	27.7	26.4	25.5	24.7	24.2
82.5°	22.9	22.5	22.1	20.8	19.5	19.0	18.6	17.7	17.7	18.2	17.3
85°	13.8	13.0	12.5	12.1	11.2	11.2	11.7	11.2	11.2	11.2	10.8
87.5°	5.2	5.2	5.2	5.2	5.6	4.8	5.2	5.2	4.8	4.8	4.3
90°	5.9	6.5	7.1	8.2	9.3	10.5	11.6	12.4	13.2	14.0	14.8
92.5°	7.9	7.2	7.7	8.7	9.6	10.6	11.6	12.4	13.2	14.0	14.8
95°	39.3	39.1	36.0	29.9	23.8	17.7	11.6	12.4	13.2	14.0	14.8
97.5°	81.4	81.9	74.2	58.9	43.6	28.3	13.0	13.3	13.7	14.0	14.3
100°	123.0	123.2	123.5	124.2	124.8	125.5	126.1	102.1	78.1	54.1	30.1
102.5°	167.9	168.2	168.4	168.7	169.0	169.3	169.6	169.9	170.3	170.6	170.9
105°	215.7	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0
107.5°	262.4	262.4	262.6	262.9	263.2	263.5	263.8	264.0	264.2	264.3	264.5
110°	310.2	310.2	310.4	310.7	311.0	311.4	311.7	311.2	310.7	310.2	309.7

TEST NUMBER: P1034833

CATALOG NUMBER: S125RDIW-B375D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	357.1	357.3	357.4	357.6	357.7	357.9	358.1	357.5	356.8	356.2	355.5
115°	403.3	403.7	403.8	404.0	404.1	404.3	404.5	403.9	403.2	402.6	401.9
117.5°	447.2	447.2	447.5	448.2	448.8	449.5	450.1	449.1	448.2	447.2	446.3
120°	490.1	490.0	490.2	490.7	491.2	491.7	492.2	491.9	491.5	491.2	490.9
122.5°	532.3	532.7	532.8	533.0	533.1	533.3	533.5	533.2	532.8	532.5	532.2
125°	573.5	574.1	574.1	574.1	574.1	574.1	574.1	573.5	572.8	572.2	571.5
127.5°	610.6	611.0	610.9	610.8	610.6	610.5	610.3	610.0	609.7	609.4	609.1
130°	645.4	645.8	645.9	646.0	646.2	646.3	646.5	646.0	645.6	645.1	644.6
132.5°	680.8	681.3	681.1	680.6	680.1	679.7	679.2	679.2	679.2	679.2	679.2
135°	713.4	713.9	713.7	713.4	713.1	712.8	712.5	712.2	711.9	711.6	711.3
137.5°	743.9	744.4	744.2	743.9	743.6	743.2	742.9	742.9	742.9	742.9	742.9
140°	771.0	771.2	771.1	771.0	770.8	770.7	770.5	770.8	771.1	771.4	771.7
142.5°	797.2	797.3	797.5	797.8	798.1	798.5	798.8	798.8	798.8	798.8	798.8
145°	823.9	824.1	824.1	824.1	824.1	824.1	824.1	824.3	824.4	824.6	824.7
147.5°	845.9	845.9	846.0	846.1	846.3	846.4	846.6	846.8	846.9	847.1	847.2
150°	866.4	866.2	866.4	866.7	867.0	867.3	867.6	867.9	868.3	868.6	868.9
152.5°	885.4	885.0	885.2	885.5	885.8	886.2	886.5	886.8	887.1	887.4	887.7
155°	902.2	901.7	901.9	902.2	902.5	902.8	903.1	903.6	904.1	904.6	905.1
157.5°	917.8	917.6	917.6	917.6	917.6	917.6	917.6	918.1	918.6	919.1	919.6
160°	930.4	929.9	930.0	930.2	930.3	930.5	930.7	931.3	932.0	932.6	933.3
162.5°	942.0	941.5	941.6	941.8	941.9	942.1	942.3	943.3	944.2	945.2	946.1
165°	952.2	951.7	951.8	951.9	952.1	952.2	952.4	953.4	954.4	955.3	956.3
167.5°	960.2	959.7	959.8	959.9	960.1	960.2	960.4	961.5	962.7	963.8	964.9
170°	966.1	965.5	965.6	965.7	965.9	966.0	966.2	967.5	968.8	970.1	971.4
172.5°	970.4	969.8	970.0	970.3	970.6	971.0	971.3	972.4	973.5	974.6	975.7
175°	973.9	973.4	973.5	973.7	973.8	974.0	974.2	975.5	976.8	978.1	979.4
177.5°	976.1	975.6	975.7	975.8	976.0	976.1	976.3	977.4	978.6	979.7	980.8
180°	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8

TEST NUMBER: P1034833

CATALOG NUMBER: S125RDIW-B375D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	498.7	499.6	497.5	496.6	494.9	497.0	497.5	497.0	500.9	499.2	500.0
5°	469.8	468.0	466.7	463.7	463.7	464.1	465.4	463.3	464.6	467.6	467.2
7.5°	437.8	436.9	437.3	433.9	431.3	432.1	431.3	435.2	437.3	436.5	438.2
10°	408.8	410.5	406.6	404.9	403.2	404.9	404.4	405.3	407.9	409.6	412.7
12.5°	385.4	385.0	382.8	381.1	378.1	378.9	381.5	380.7	381.1	385.0	384.6
15°	363.4	360.8	359.0	355.1	356.0	353.0	355.6	358.6	359.9	363.4	365.5
17.5°	341.3	340.9	338.7	338.3	333.5	332.2	334.8	335.7	337.0	338.7	341.7
20°	322.7	322.3	319.2	318.4	314.5	317.1	316.2	317.9	318.8	322.3	323.6
22.5°	305.8	303.7	302.8	301.5	300.2	299.8	301.5	301.1	304.1	305.4	305.8
25°	290.3	288.5	288.1	285.9	285.1	283.8	285.1	286.4	289.8	291.1	292.8
27.5°	276.0	274.7	273.8	272.1	270.8	270.8	271.7	273.4	274.7	275.5	276.4
30°	263.0	262.1	259.5	258.7	257.4	257.4	257.4	258.2	260.4	263.0	264.3
32.5°	249.6	247.9	246.1	246.1	244.8	244.8	245.3	246.1	248.3	248.7	250.9
35°	236.6	234.9	233.6	232.7	233.2	231.4	232.3	233.6	236.2	237.0	238.3
37.5°	224.1	223.6	221.0	219.7	220.6	220.6	220.2	221.0	222.8	224.5	225.4
40°	210.2	209.4	209.4	208.1	208.5	206.8	208.1	208.9	209.8	211.5	212.8
42.5°	198.1	197.3	195.5	196.0	194.7	194.7	195.5	196.0	197.3	199.4	200.3
45°	185.1	185.1	184.3	183.0	183.4	182.1	183.0	183.4	185.1	187.3	186.4
47.5°	172.6	172.2	172.2	170.4	171.3	170.0	171.3	171.7	172.6	173.9	173.5
50°	160.5	159.2	159.6	159.2	158.8	158.8	159.6	159.6	160.5	160.5	161.8
52.5°	147.9	147.9	147.1	147.5	148.4	147.5	148.8	147.5	148.4	148.8	149.7
55°	136.7	135.8	136.3	135.8	137.6	136.3	137.6	136.7	137.6	137.1	138.0
57.5°	124.6	123.3	123.7	123.3	124.6	124.1	125.4	124.1	124.6	125.0	126.3
60°	110.7	110.7	110.7	109.9	111.2	111.2	110.7	110.7	112.5	113.3	112.9
62.5°	97.8	97.3	96.0	95.6	96.0	95.2	96.9	96.5	97.3	98.2	99.1
65°	83.5	82.6	82.2	81.3	81.3	80.9	81.3	83.1	83.5	83.9	86.1
67.5°	71.8	71.4	70.9	69.6	69.6	70.5	70.5	70.5	73.1	71.8	73.5
70°	61.4	60.6	59.7	59.3	59.3	59.7	60.1	60.6	60.1	61.9	62.3
72.5°	51.5	51.9	51.0	51.0	51.0	50.6	50.6	51.5	51.9	51.5	51.9
75°	42.8	42.8	42.4	42.8	42.8	42.4	42.4	43.3	43.3	42.8	44.1
77.5°	34.6	34.2	33.3	32.4	32.9	32.4	32.9	32.4	33.7	35.0	34.2
80°	24.2	23.8	23.8	23.8	24.2	23.8	24.7	23.8	24.2	24.2	24.7
82.5°	17.3	17.7	17.7	17.3	17.7	17.3	17.7	17.7	17.7	17.3	17.7
85°	11.2	11.2	11.2	11.2	10.8	11.2	11.2	11.2	11.7	11.2	11.7
87.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	5.2	4.8	5.2
90°	15.2	15.4	15.9	16.4	16.9	17.4	16.9	16.4	15.9	15.4	15.2
92.5°	15.2	15.3	15.4	15.6	15.7	15.9	15.7	15.6	15.4	15.3	15.2
95°	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
97.5°	14.5	14.6	14.7	14.9	15.0	15.2	15.0	14.9	14.7	14.6	14.5
100°	18.1	17.8	17.1	16.5	15.8	15.2	15.8	16.5	17.1	17.8	18.1
102.5°	171.1	164.3	150.8	137.3	123.7	110.2	123.7	137.3	150.8	164.3	171.1
105°	216.0	215.9	215.8	215.6	215.5	215.3	215.5	215.6	215.8	215.9	216.0
107.5°	264.6	264.3	263.6	263.0	262.3	261.7	262.3	263.0	263.6	264.3	264.6
110°	309.5	309.6	309.7	309.9	310.0	310.2	310.0	309.9	309.7	309.6	309.5

TEST NUMBER: P1034833

CATALOG NUMBER: S125RDIW-B375D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	355.2	355.0	354.7	354.4	354.0	353.7	354.0	354.4	354.7	355.0	355.2
115°	401.6	401.1	400.1	399.2	398.2	397.2	398.2	399.2	400.1	401.1	401.6
117.5°	445.8	445.6	445.3	445.0	444.6	444.3	444.6	445.0	445.3	445.6	445.8
120°	490.7	490.3	489.5	488.7	487.9	487.1	487.9	488.7	489.5	490.3	490.7
122.5°	532.0	531.5	530.6	529.6	528.7	527.7	528.7	529.6	530.6	531.5	532.0
125°	571.2	571.0	570.5	570.0	569.5	569.0	569.5	570.0	570.5	571.0	571.2
127.5°	608.9	608.3	607.0	605.7	604.4	603.1	604.4	605.7	607.0	608.3	608.9
130°	644.4	644.0	643.2	642.3	641.5	640.7	641.5	642.3	643.2	644.0	644.4
132.5°	679.2	678.8	678.0	677.1	676.3	675.5	676.3	677.1	678.0	678.8	679.2
135°	711.1	710.6	709.6	708.7	707.7	706.7	707.7	708.7	709.6	710.6	711.1
137.5°	742.9	742.5	741.7	740.9	740.1	739.3	740.1	740.9	741.7	742.5	742.9
140°	771.9	771.4	770.5	769.5	768.6	767.6	768.6	769.5	770.5	771.4	771.9
142.5°	798.8	798.3	797.3	796.4	795.4	794.4	795.4	796.4	797.3	798.3	798.8
145°	824.8	824.3	823.4	822.4	821.5	820.5	821.5	822.4	823.4	824.3	824.8
147.5°	847.3	846.7	845.6	844.5	843.3	842.2	843.3	844.5	845.6	846.7	847.3
150°	869.1	868.5	867.2	865.9	864.6	863.3	864.6	865.9	867.2	868.5	869.1
152.5°	887.9	887.3	886.2	885.1	883.9	882.8	883.9	885.1	886.2	887.3	887.9
155°	905.3	904.7	903.4	902.1	900.8	899.5	900.8	902.1	903.4	904.7	905.3
157.5°	919.8	919.2	917.9	916.6	915.3	914.0	915.3	916.6	917.9	919.2	919.8
160°	933.6	933.0	931.7	930.4	929.1	927.8	929.1	930.4	931.7	933.0	933.6
162.5°	946.6	945.9	944.4	943.0	941.5	940.1	941.5	943.0	944.4	945.9	946.6
165°	956.8	956.2	954.9	953.6	952.3	951.0	952.3	953.6	954.9	956.2	956.8
167.5°	965.5	964.8	963.3	961.8	960.4	958.9	960.4	961.8	963.3	964.8	965.5
170°	972.0	971.3	969.8	968.4	966.9	965.5	966.9	968.4	969.8	971.3	972.0
172.5°	976.3	975.6	974.1	972.7	971.2	969.8	971.2	972.7	974.1	975.6	976.3
175°	980.0	979.3	977.8	976.3	974.9	973.4	974.9	976.3	977.8	979.3	980.0
177.5°	981.4	980.8	979.5	978.2	976.9	975.6	976.9	978.2	979.5	980.8	981.4
180°	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8

TEST NUMBER: P1034833

CATALOG NUMBER: S125RDIW-B375D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	498.3	500.5	498.7	497.5	500.9	502.6	502.6	505.7	508.7	511.3	511.7
5°	467.6	471.1	471.9	471.5	476.7	479.3	484.9	487.9	492.3	495.3	498.7
7.5°	439.5	444.2	444.7	445.5	453.3	457.7	462.4	470.2	476.3	480.6	484.5
10°	411.4	414.4	417.4	421.3	429.1	436.5	443.4	451.6	459.4	463.7	469.3
12.5°	390.2	392.3	395.8	398.4	406.6	413.1	422.2	433.4	444.7	448.1	455.1
15°	368.1	369.4	376.3	378.9	385.8	396.7	402.3	413.1	425.2	431.7	439.5
17.5°	342.6	350.4	354.7	357.7	366.4	375.0	384.1	395.4	410.9	417.0	422.6
20°	324.4	330.0	334.8	338.7	346.5	359.5	367.7	376.8	391.5	398.4	406.6
22.5°	308.4	313.2	317.5	321.8	327.0	338.7	348.2	360.8	375.5	382.0	391.5
25°	293.3	298.0	300.6	305.8	312.7	321.0	332.2	343.5	358.2	365.5	374.6
27.5°	278.6	283.3	288.1	292.4	297.2	305.0	312.7	327.0	342.2	350.8	358.6
30°	266.0	268.2	272.5	277.3	282.0	289.4	298.5	308.4	325.7	333.5	343.0
32.5°	252.2	256.1	259.1	262.6	268.6	274.7	282.9	295.4	309.3	316.6	327.0
35°	239.2	242.7	244.8	250.9	254.8	261.3	269.5	280.7	292.4	300.6	309.7
37.5°	226.7	230.1	232.7	236.2	241.4	247.0	255.6	263.9	277.7	284.6	295.0
40°	213.7	216.7	219.7	223.6	228.4	235.3	240.5	250.9	262.1	269.9	277.7
42.5°	201.1	202.9	206.3	210.7	215.4	221.5	228.8	237.0	248.3	255.2	262.1
45°	187.7	190.8	194.7	197.7	202.0	208.1	214.6	221.9	233.2	240.1	247.4
47.5°	175.2	177.4	179.9	184.7	190.3	194.7	201.6	208.5	218.9	225.4	232.3
50°	162.2	164.4	168.3	171.3	175.6	181.2	187.7	195.1	205.0	209.4	216.3
52.5°	150.1	151.0	154.9	157.9	162.2	168.7	173.9	180.4	189.9	194.7	201.6
55°	138.0	138.9	141.0	144.0	148.8	154.0	159.6	167.0	175.2	179.5	186.0
57.5°	125.4	126.3	128.5	130.6	135.4	140.2	146.6	152.7	160.9	164.8	170.9
60°	112.9	112.9	115.1	118.1	121.6	125.9	131.5	138.9	144.9	149.7	154.0
62.5°	99.5	100.8	102.1	104.2	108.1	113.3	118.1	123.3	130.6	134.1	138.0
65°	86.1	87.4	90.0	92.1	95.2	98.6	104.7	109.0	114.6	118.5	122.0
67.5°	74.4	75.7	77.4	80.0	82.2	86.1	90.4	94.7	100.8	103.4	106.0
70°	62.3	63.6	64.9	68.3	70.5	73.5	76.6	80.9	86.1	87.8	90.0
72.5°	52.8	53.2	54.9	55.8	58.8	61.4	64.9	67.5	71.4	73.5	75.3
75°	44.6	44.6	45.0	45.9	47.6	49.3	51.9	54.5	58.0	59.3	61.4
77.5°	35.0	36.3	35.9	36.8	37.6	38.5	40.7	42.4	45.9	46.7	47.6
80°	25.1	25.5	26.8	28.1	28.1	29.4	30.7	31.1	33.3	34.6	34.6
82.5°	18.2	18.6	18.2	18.6	19.0	19.5	20.8	22.5	22.5	22.9	23.8
85°	11.2	11.2	11.7	12.1	12.1	11.7	12.5	12.1	12.5	13.4	13.4
87.5°	5.6	5.2	5.2	5.2	5.2	5.2	5.6	5.2	5.6	5.6	5.6
90°	14.8	14.0	13.2	12.4	11.6	10.5	9.3	8.2	7.1	6.5	5.9
92.5°	14.8	14.0	13.2	12.4	11.6	10.6	9.6	8.7	7.7	7.2	7.9
95°	14.8	14.0	13.2	12.4	11.6	17.7	23.8	29.9	36.0	39.1	39.3
97.5°	14.3	14.0	13.7	13.3	13.0	28.3	43.6	58.9	74.2	81.9	81.4
100°	30.1	54.1	78.1	102.1	126.1	125.5	124.8	124.2	123.5	123.2	123.0
102.5°	170.9	170.6	170.3	169.9	169.6	169.3	169.0	168.7	168.4	168.2	167.9
105°	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0	215.7
107.5°	264.5	264.3	264.2	264.0	263.8	263.5	263.2	262.9	262.6	262.4	262.4
110°	309.7	310.2	310.7	311.2	311.7	311.4	311.0	310.7	310.4	310.2	310.2

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	355.5	356.2	356.8	357.5	358.1	357.9	357.7	357.6	357.4	357.3	357.1
115°	401.9	402.6	403.2	403.9	404.5	404.3	404.1	404.0	403.8	403.7	403.3
117.5°	446.3	447.2	448.2	449.1	450.1	449.5	448.8	448.2	447.5	447.2	447.2
120°	490.9	491.2	491.5	491.9	492.2	491.7	491.2	490.7	490.2	490.0	490.1
122.5°	532.2	532.5	532.8	533.2	533.5	533.3	533.1	533.0	532.8	532.7	532.3
125°	571.5	572.2	572.8	573.5	574.1	574.1	574.1	574.1	574.1	574.1	573.5
127.5°	609.1	609.4	609.7	610.0	610.3	610.5	610.6	610.8	610.9	611.0	610.6
130°	644.6	645.1	645.6	646.0	646.5	646.3	646.2	646.0	645.9	645.8	645.4
132.5°	679.2	679.2	679.2	679.2	679.2	679.7	680.1	680.6	681.1	681.3	680.8
135°	711.3	711.6	711.9	712.2	712.5	712.8	713.1	713.4	713.7	713.9	713.4
137.5°	742.9	742.9	742.9	742.9	742.9	743.2	743.6	743.9	744.2	744.4	743.9
140°	771.7	771.4	771.1	770.8	770.5	770.7	770.8	771.0	771.1	771.2	771.0
142.5°	798.8	798.8	798.8	798.8	798.8	798.5	798.1	797.8	797.5	797.3	797.2
145°	824.7	824.6	824.4	824.3	824.1	824.1	824.1	824.1	824.1	824.1	823.9
147.5°	847.2	847.1	846.9	846.8	846.6	846.4	846.3	846.1	846.0	845.9	845.9
150°	868.9	868.6	868.3	867.9	867.6	867.3	867.0	866.7	866.4	866.2	866.4
152.5°	887.7	887.4	887.1	886.8	886.5	886.2	885.8	885.5	885.2	885.0	885.4
155°	905.1	904.6	904.1	903.6	903.1	902.8	902.5	902.2	901.9	901.7	902.2
157.5°	919.6	919.1	918.6	918.1	917.6	917.6	917.6	917.6	917.6	917.6	917.8
160°	933.3	932.6	932.0	931.3	930.7	930.5	930.3	930.2	930.0	929.9	930.4
162.5°	946.1	945.2	944.2	943.3	942.3	942.1	941.9	941.8	941.6	941.5	942.0
165°	956.3	955.3	954.4	953.4	952.4	952.2	952.1	951.9	951.8	951.7	952.2
167.5°	964.9	963.8	962.7	961.5	960.4	960.2	960.1	959.9	959.8	959.7	960.2
170°	971.4	970.1	968.8	967.5	966.2	966.0	965.9	965.7	965.6	965.5	966.1
172.5°	975.7	974.6	973.5	972.4	971.3	971.0	970.6	970.3	970.0	969.8	970.4
175°	979.4	978.1	976.8	975.5	974.2	974.0	973.8	973.7	973.5	973.4	973.9
177.5°	980.8	979.7	978.6	977.4	976.3	976.1	976.0	975.8	975.7	975.6	976.1
180°	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8	977.8

TEST NUMBER: P1034833

CATALOG NUMBER: S125RDIW-B375D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	526.9	526.9	526.9	526.9
2.5°	514.8	518.6	522.5	527.3
5°	504.4	511.3	518.6	525.6
7.5°	493.1	503.1	512.6	522.5
10°	480.6	493.1	503.9	517.8
12.5°	466.7	480.1	495.3	510.9
15°	452.9	469.8	485.8	503.5
17.5°	439.9	455.9	473.7	494.9
20°	424.3	442.1	462.0	484.5
22.5°	407.9	427.4	449.0	473.2
25°	394.1	414.0	434.7	460.3
27.5°	378.9	399.7	420.0	447.3
30°	361.6	384.1	404.9	433.0
32.5°	345.2	367.7	390.6	417.0
35°	329.2	351.2	374.2	401.0
37.5°	314.0	333.9	356.4	380.7
40°	299.8	317.9	337.8	359.9
42.5°	281.6	302.8	321.4	337.4
45°	266.0	283.3	300.6	313.6
47.5°	247.9	265.2	279.9	290.3
50°	232.7	246.6	258.7	267.8
52.5°	214.6	227.5	237.5	244.4
55°	196.8	208.1	216.7	221.5
57.5°	180.8	188.2	194.7	199.0
60°	163.1	168.7	174.3	179.1
62.5°	144.0	150.1	153.1	158.3
65°	127.2	131.1	135.8	137.6
67.5°	110.7	112.9	115.9	119.4
70°	93.4	94.7	97.8	102.5
72.5°	78.3	79.6	81.8	83.5
75°	62.3	63.6	65.3	67.0
77.5°	48.9	49.3	50.2	51.9
80°	35.5	36.8	37.6	38.1
82.5°	24.7	25.1	25.1	25.5
85°	15.6	14.7	14.7	15.1
87.5°	5.6	6.5	6.5	7.4
90°	4.6	3.3	2.0	0.7
92.5°	9.4	10.9	12.3	13.8
95°	39.8	40.3	40.8	41.3
97.5°	80.5	79.5	78.6	77.6
100°	122.5	122.0	121.5	121.0
102.5°	167.2	166.6	165.9	165.3
105°	215.0	214.4	213.7	213.1
107.5°	262.4	262.4	262.4	262.4
110°	310.2	310.2	310.2	310.2

TEST NUMBER: P1034833

CATALOG NUMBER: S125RDIW-B375D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	356.6	356.1	355.7	355.2
115°	402.5	401.7	400.9	400.1
117.5°	447.2	447.2	447.2	447.2
120°	490.2	490.4	490.5	490.7
122.5°	531.5	530.7	529.9	529.1
125°	572.4	571.3	570.1	569.0
127.5°	609.8	609.0	608.2	607.4
130°	644.6	643.8	643.0	642.2
132.5°	679.9	678.9	678.0	677.0
135°	712.5	711.5	710.6	709.6
137.5°	742.9	742.0	741.0	740.0
140°	770.7	770.4	770.1	769.8
142.5°	797.1	796.9	796.8	796.6
145°	823.6	823.3	823.0	822.7
147.5°	845.9	845.9	845.9	845.9
150°	866.7	867.0	867.3	867.6
152.5°	886.2	887.0	887.8	888.6
155°	903.1	904.1	905.0	906.0
157.5°	918.3	918.8	919.3	919.8
160°	931.4	932.3	933.3	934.3
162.5°	943.0	943.9	944.9	945.9
165°	953.1	954.1	955.0	956.0
167.5°	961.1	962.1	963.0	964.0
170°	967.2	968.3	969.4	970.5
172.5°	971.5	972.6	973.8	974.9
175°	974.9	975.8	976.8	977.8
177.5°	977.1	978.0	979.0	980.0
180°	977.8	977.8	977.8	977.8

(END OF REPORT)