

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: P1034821

Luminaire Tested: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_3000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1034821
REPORT IS A COMBINATION OF REPORTS P1006500 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_3000K
Description: Define 5 Regressed Direct/Indirect Wall Mount with 3000K BioUP LEDs {m-DER=0.589}
{m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

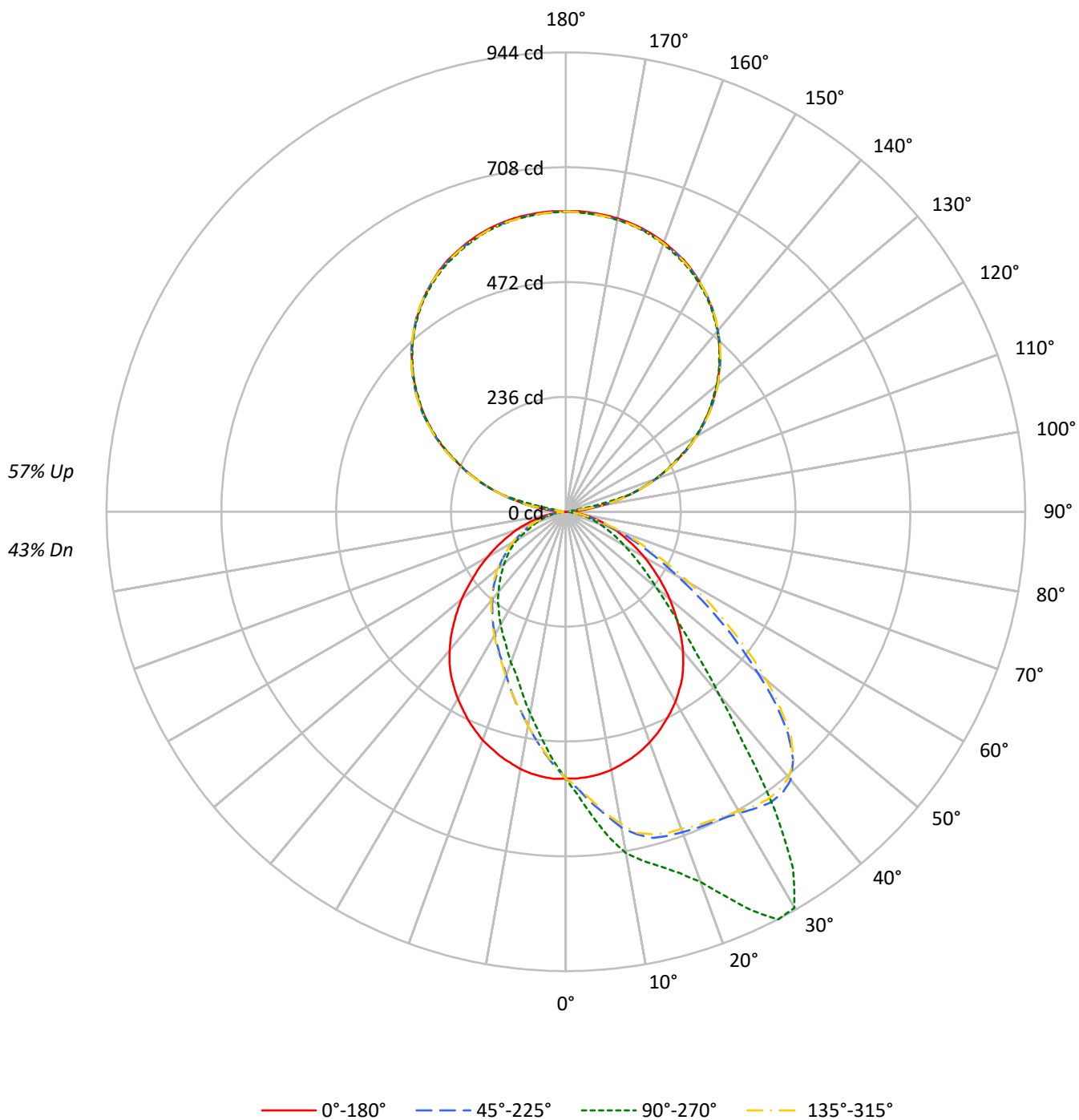
Lumens per Lamp: N/A
Luminaire Lumens: 3315.9 lumens
Efficiency: N/A
Efficacy: 126.6 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 26.2
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	105	105	105	105	96	96	96	96	79	79	79	64	64	64	50	50	50
1	97	92	89	85	88	85	82	79	70	68	66	57	55	54	44	43	43
2	88	81	75	70	80	74	69	65	62	58	55	50	48	46	39	38	36
3	81	72	64	59	73	66	60	55	55	50	47	45	41	39	35	33	31
4	74	63	56	50	67	58	52	47	49	44	40	40	36	33	32	29	27
5	68	57	49	43	62	52	45	40	44	39	35	36	32	29	29	26	24
6	62	51	43	37	57	47	40	35	39	34	30	32	29	26	26	23	21
7	58	46	38	33	53	42	35	31	36	30	27	30	26	23	24	21	19
8	54	42	34	29	49	38	32	27	33	27	24	27	23	20	22	19	17
9	50	38	31	26	46	35	29	24	30	25	21	25	21	18	20	17	15
10	47	35	28	23	43	32	26	22	27	22	19	23	19	16	19	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3512	3512	3512	3512
5°	3508	3958	3508	3042
10°	3489	4447	3477	2630
15°	3451	4705	3428	2290
20°	3405	5079	3375	2069
25°	3346	5750	3308	1878
30°	3285	6111	3236	1741
35°	3206	5026	3162	1614
40°	3067	3413	3041	1499
45°	2884	2453	2880	1386
50°	2696	1887	2709	1282
55°	2485	1534	2480	1181
60°	2288	1257	2277	1049
65°	2059	1048	2072	844
70°	1869	840	1862	703
75°	1578	637	1578	578
80°	1280	388	1264	388
85°	898	203	875	231

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 4999 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.6	1.6
10°-20°	154.1	4.6
20°-30°	244.3	7.4
30°-40°	295.2	8.9
40°-50°	262.8	7.9
50°-60°	201.5	6.1
60°-70°	130.9	3.9
70°-80°	63.5	1.9
80°-90°	15.8	0.5
90°-100°	20.9	0.6
100°-110°	139.2	4.2
110°-120°	250.7	7.6
120°-130°	321.8	9.7
130°-140°	346.1	10.4
140°-150°	324.9	9.8
150°-160°	262.8	7.9
160°-170°	169.9	5.1
170°-180°	58.6	1.8
0°-30°	451.0	13.6
0°-40°	746.2	22.5
0°-60°	1210.6	36.5
0°-90°	1420.8	42.8
90°-120°	410.9	12.4
90°-150°	1403.7	42.3
90°-180°	1895.0	57.1
0°-180°	3315.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	548	548	548	548	548	
5°	547	628	547	483	547	52
15°	524	755	520	367	524	148
25°	479	904	473	295	479	221
35°	417	750	411	241	417	260
45°	326	335	326	189	326	252
55°	230	184	230	142	230	206
65°	143	104	144	84	143	143
75°	70	49	70	44	70	75
85°	16	10	15	12	16	18
90°	0	11	0	11	0	2
95°	26	10	26	10	26	32
105°	134	136	134	136	134	142
115°	252	251	252	251	252	250
125°	359	359	359	359	359	321
135°	448	446	448	446	448	345
145°	519	518	519	518	519	325
155°	572	568	572	568	572	263
165°	603	600	603	600	603	170
175°	617	614	617	614	617	59
180°	617	617	617	617	617	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1
2.5°	548.5	553.0	554.4	558.0	562.0	562.9	565.2	568.3	570.1	569.7	569.7
5°	546.7	554.4	559.8	566.1	573.7	576.9	579.6	586.3	591.7	594.9	600.3
7.5°	543.6	554.8	563.8	573.3	585.0	590.4	596.2	605.7	615.6	621.9	627.7
10°	538.6	553.0	565.6	579.6	595.3	603.4	610.6	625.0	637.2	645.3	658.8
12.5°	531.4	549.4	567.0	585.4	605.2	613.8	623.7	639.4	656.5	668.2	679.5
15°	523.8	545.4	564.3	586.3	610.2	623.2	635.8	652.5	667.8	680.8	693.9
17.5°	514.8	537.7	561.1	586.3	613.3	626.4	637.2	657.0	673.2	686.2	697.9
20°	504.0	529.6	556.2	584.1	611.5	623.7	634.0	655.6	670.0	684.0	700.6
22.5°	492.3	520.2	548.5	576.0	603.0	616.0	628.2	647.1	662.8	681.7	703.3
25°	478.8	509.4	538.2	565.6	591.3	603.4	614.2	634.9	657.0	680.8	705.1
27.5°	465.3	495.0	522.9	548.1	576.0	587.2	598.0	624.1	650.2	675.4	708.7
30°	450.4	480.6	504.9	528.3	555.3	567.0	580.5	610.2	639.9	674.1	714.6
32.5°	433.8	461.2	483.7	508.0	532.3	546.7	563.8	596.2	630.4	671.4	723.1
35°	417.1	439.2	459.9	482.8	512.1	527.4	544.0	578.2	621.0	670.0	730.3
37.5°	396.0	417.1	433.3	456.7	486.9	504.9	521.5	561.1	609.7	666.9	729.9
40°	374.4	392.4	407.7	432.0	464.8	481.5	499.5	542.7	598.0	657.9	719.1
42.5°	351.0	366.3	382.9	406.3	438.3	454.5	475.2	525.6	581.8	645.3	691.2
45°	326.2	341.1	355.0	379.3	411.3	428.8	451.3	503.1	562.0	618.7	646.2
47.5°	301.9	315.0	329.8	351.0	383.4	402.7	425.7	481.0	535.5	583.2	585.4
50°	278.5	288.9	301.5	323.1	356.8	375.3	399.1	450.9	504.0	536.8	514.8
52.5°	254.2	263.7	276.7	295.6	327.1	348.7	369.4	421.2	465.7	487.8	447.3
55°	230.4	238.5	252.0	273.1	300.6	317.2	338.4	386.5	425.7	426.1	382.0
57.5°	207.0	214.2	225.4	244.3	270.0	289.3	308.7	350.5	377.1	369.4	320.4
60°	186.3	190.8	201.1	219.6	243.4	257.4	278.1	313.2	330.7	316.8	264.1
62.5°	164.7	169.2	177.3	192.1	214.6	229.5	242.5	271.3	283.5	262.3	219.1
65°	143.1	148.5	154.3	166.0	187.2	197.1	208.8	229.9	241.6	216.9	179.5
67.5°	124.2	126.9	132.7	144.9	159.7	168.7	176.8	191.2	193.5	173.7	143.1
70°	106.6	107.5	112.9	120.1	131.4	136.8	143.5	152.1	152.1	135.9	111.6
72.5°	86.8	88.2	92.2	99.9	106.6	109.3	111.6	117.0	116.1	101.2	84.6
75°	69.7	70.6	73.8	77.4	80.1	85.0	86.8	85.9	85.5	72.9	63.4
77.5°	54.0	54.4	56.7	59.8	60.3	62.1	60.7	60.7	56.7	49.5	44.5
80°	39.6	40.0	40.9	41.8	41.8	41.8	41.8	39.6	36.9	32.4	31.0
82.5°	26.5	26.5	27.0	27.9	27.4	26.5	25.6	23.4	21.6	20.2	19.3
85°	15.7	15.7	16.2	15.7	13.9	13.5	12.6	12.1	11.7	11.2	11.2
87.5°	7.6	7.2	6.3	5.4	5.4	5.4	5.4	5.4	5.4	4.9	4.9
90°	0.5	1.3	2.1	2.9	3.7	4.1	4.5	5.2	5.9	6.6	7.3
92.5°	8.7	7.8	6.9	6.0	5.1	4.6	4.9	5.5	6.1	6.7	7.3
95°	26.1	25.8	25.5	25.2	24.9	24.7	22.8	18.9	15.0	11.2	7.3
97.5°	48.9	49.5	50.1	50.8	51.4	51.7	46.9	37.2	27.5	17.9	8.2
100°	76.4	76.7	77.0	77.3	77.6	77.7	77.9	78.3	78.8	79.2	79.6
102.5°	104.3	104.7	105.1	105.5	105.9	106.1	106.2	106.4	106.6	106.8	107.0
105°	134.5	134.9	135.3	135.7	136.1	136.3	136.3	136.3	136.3	136.3	136.3
107.5°	165.6	165.6	165.6	165.6	165.6	165.6	165.7	165.9	166.1	166.3	166.5
110°	195.7	195.7	195.7	195.7	195.7	195.7	195.8	196.0	196.2	196.4	196.6



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	224.1	224.4	224.7	225.0	225.3	225.5	225.5	225.6	225.7	225.8	225.9
115°	252.4	252.9	253.4	253.9	254.4	254.7	254.8	254.9	255.0	255.1	255.2
117.5°	282.2	282.2	282.2	282.2	282.2	282.2	282.4	282.8	283.2	283.6	284.0
120°	309.6	309.5	309.4	309.3	309.2	309.2	309.3	309.6	309.9	310.2	310.5
122.5°	333.8	334.3	334.8	335.3	335.8	336.1	336.2	336.3	336.4	336.5	336.6
125°	359.0	359.7	360.4	361.1	361.8	362.2	362.2	362.2	362.2	362.2	362.2
127.5°	383.2	383.7	384.2	384.7	385.2	385.5	385.5	385.4	385.3	385.2	385.1
130°	405.2	405.7	406.2	406.7	407.2	407.5	407.5	407.6	407.7	407.8	407.9
132.5°	427.1	427.7	428.3	429.0	429.6	429.9	429.7	429.4	429.1	428.8	428.5
135°	447.7	448.3	448.9	449.6	450.2	450.5	450.4	450.2	450.0	449.8	449.6
137.5°	466.9	467.5	468.1	468.8	469.4	469.7	469.6	469.4	469.2	469.0	468.8
140°	485.7	485.9	486.1	486.3	486.5	486.6	486.5	486.4	486.3	486.2	486.1
142.5°	502.6	502.7	502.8	502.9	503.0	503.1	503.2	503.4	503.6	503.8	504.0
145°	519.1	519.3	519.5	519.7	519.9	520.0	520.0	520.0	520.0	520.0	520.0
147.5°	533.7	533.7	533.7	533.7	533.7	533.7	533.8	533.9	534.0	534.1	534.2
150°	547.4	547.2	547.0	546.8	546.6	546.5	546.6	546.8	547.0	547.2	547.4
152.5°	560.7	560.2	559.7	559.2	558.7	558.4	558.5	558.7	558.9	559.1	559.3
155°	571.7	571.1	570.5	569.8	569.2	568.9	569.0	569.2	569.4	569.6	569.8
157.5°	580.3	580.0	579.7	579.4	579.1	579.0	579.0	579.0	579.0	579.0	579.0
160°	589.5	588.9	588.3	587.6	587.0	586.7	586.8	586.9	587.0	587.1	587.2
162.5°	596.8	596.2	595.6	595.0	594.4	594.1	594.1	594.2	594.3	594.4	594.5
165°	603.2	602.6	602.0	601.4	600.8	600.5	600.5	600.6	600.7	600.8	600.9
167.5°	608.2	607.6	607.0	606.4	605.8	605.5	605.6	605.7	605.8	605.9	606.0
170°	612.4	611.7	611.0	610.3	609.6	609.2	609.2	609.3	609.4	609.5	609.6
172.5°	615.1	614.4	613.7	613.0	612.3	611.9	612.0	612.2	612.4	612.6	612.8
175°	616.9	616.3	615.7	615.1	614.5	614.2	614.2	614.3	614.4	614.5	614.6
177.5°	618.3	617.7	617.1	616.5	615.9	615.6	615.6	615.7	615.8	615.9	616.0
180°	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1
2.5°	571.9	575.1	577.8	576.4	581.8	581.4	582.3	584.1	584.5	583.6	581.8
5°	603.0	607.5	615.1	619.2	618.3	621.9	623.7	626.4	629.1	628.2	628.2
7.5°	637.6	643.9	651.6	661.9	663.3	666.4	671.8	671.8	675.0	673.6	673.2
10°	667.8	675.4	687.6	695.7	699.3	701.1	706.5	708.3	711.9	712.3	712.3
12.5°	692.5	706.0	714.1	722.2	724.0	726.7	730.8	733.5	734.8	734.8	733.5
15°	705.6	716.4	725.8	734.4	739.3	741.6	745.6	748.8	750.6	754.6	755.5
17.5°	711.0	724.0	739.3	751.5	760.0	762.3	770.4	773.1	776.7	778.5	780.7
20°	718.6	737.5	756.0	770.8	778.9	784.8	793.3	805.9	809.5	809.5	808.2
22.5°	725.4	749.7	774.9	798.7	805.5	817.2	832.9	846.4	851.8	854.1	852.3
25°	733.5	766.8	799.6	829.3	847.8	856.3	877.5	893.7	900.0	903.6	904.5
27.5°	747.4	789.3	831.1	868.9	887.8	897.7	919.8	933.7	941.4	944.5	942.3
30°	763.2	814.5	863.1	896.8	909.4	921.6	936.0	941.4	939.6	939.6	946.3
32.5°	779.4	832.5	875.7	897.7	902.2	900.4	894.6	878.4	868.9	868.9	874.8
35°	788.4	834.3	856.3	849.1	831.6	821.2	789.3	771.3	751.0	749.7	756.4
37.5°	783.4	803.2	794.2	747.0	723.1	703.3	653.4	633.6	618.7	598.0	630.0
40°	748.8	742.0	695.2	627.3	600.7	572.8	533.2	513.4	492.7	489.6	497.2
42.5°	690.3	650.2	581.8	516.1	489.1	469.3	439.2	419.8	406.8	401.4	410.4
45°	617.4	554.4	486.0	433.8	404.1	393.7	366.3	349.2	339.3	335.2	341.5
47.5°	528.3	464.8	400.0	355.9	338.4	328.0	309.6	294.7	286.2	283.5	286.2
50°	448.6	383.4	328.9	300.6	284.8	276.3	261.0	251.5	244.8	243.0	247.5
52.5°	379.8	320.4	279.0	253.8	243.4	236.2	225.4	217.3	213.3	211.5	214.6
55°	318.1	270.0	236.7	215.1	207.4	202.9	193.5	189.0	184.5	184.0	187.2
57.5°	263.7	230.4	199.8	184.5	182.2	175.5	167.4	163.3	161.1	160.6	162.0
60°	219.6	189.9	171.4	157.9	154.8	149.4	144.9	142.2	139.5	138.6	139.5
62.5°	182.7	159.3	144.4	135.4	130.9	129.6	124.6	121.5	121.0	121.0	121.9
65°	150.7	130.9	121.5	114.3	111.1	109.8	106.2	103.9	104.4	104.4	104.8
67.5°	122.8	108.4	99.9	96.3	93.6	93.1	89.5	88.6	87.7	87.7	88.6
70°	97.6	88.6	82.3	80.5	80.1	76.9	75.6	75.1	73.8	74.2	74.2
72.5°	76.5	70.6	67.0	64.3	64.8	63.0	61.2	61.2	60.3	61.6	61.6
75°	56.7	54.0	51.3	50.4	51.3	50.4	49.0	48.6	49.0	48.6	48.6
77.5°	41.8	40.5	39.6	39.1	39.1	37.3	36.4	37.3	35.5	36.4	36.4
80°	29.2	27.4	27.0	26.1	26.5	25.2	25.6	24.7	24.7	24.7	24.7
82.5°	18.4	18.0	18.0	18.0	17.5	17.5	17.5	17.5	17.5	17.5	17.1
85°	11.2	10.8	10.8	10.8	10.3	10.3	10.3	10.3	10.3	10.3	10.3
87.5°	4.5	4.9	4.9	5.4	4.9	4.5	4.5	4.5	4.9	4.9	4.5
90°	7.8	8.3	8.8	9.3	9.6	9.8	10.1	10.4	10.7	11.0	10.7
92.5°	7.8	8.3	8.8	9.3	9.6	9.7	9.8	9.9	10.0	10.1	10.0
95°	7.8	8.3	8.8	9.3	9.6	9.6	9.6	9.6	9.6	9.6	9.6
97.5°	8.4	8.6	8.8	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.5
100°	64.4	49.3	34.1	19.0	11.4	11.2	10.8	10.4	10.0	9.6	10.0
102.5°	107.2	107.4	107.6	107.8	107.9	103.6	95.1	86.6	78.0	69.5	78.0
105°	136.3	136.3	136.3	136.3	136.3	136.2	136.1	136.0	135.9	135.8	135.9
107.5°	166.6	166.7	166.8	166.9	166.9	166.7	166.3	165.9	165.5	165.1	165.5
110°	196.3	196.0	195.7	195.4	195.3	195.3	195.4	195.5	195.6	195.7	195.6

TEST NUMBER: P1034821

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	225.5	225.1	224.7	224.3	224.1	224.0	223.8	223.6	223.4	223.2	223.4
115°	254.8	254.4	254.0	253.6	253.4	253.1	252.5	251.8	251.2	250.6	251.2
117.5°	283.4	282.8	282.2	281.6	281.3	281.2	281.0	280.7	280.5	280.3	280.5
120°	310.3	310.1	309.9	309.7	309.6	309.3	308.8	308.3	307.8	307.3	307.8
122.5°	336.4	336.2	336.0	335.8	335.7	335.4	334.8	334.1	333.5	332.9	333.5
125°	361.8	361.4	361.0	360.6	360.4	360.2	359.9	359.6	359.3	359.0	359.3
127.5°	384.9	384.7	384.5	384.3	384.2	383.8	383.0	382.1	381.3	380.5	381.3
130°	407.6	407.3	407.0	406.7	406.6	406.3	405.8	405.3	404.8	404.3	404.8
132.5°	428.5	428.5	428.5	428.5	428.5	428.2	427.7	427.2	426.7	426.2	426.7
135°	449.4	449.2	448.9	448.7	448.6	448.3	447.7	447.1	446.5	445.9	446.5
137.5°	468.8	468.8	468.8	468.8	468.8	468.5	468.0	467.5	467.0	466.5	467.0
140°	486.3	486.5	486.8	487.0	487.1	486.8	486.2	485.5	484.9	484.3	484.9
142.5°	504.0	504.0	504.0	504.0	504.0	503.7	503.1	502.4	501.8	501.2	501.8
145°	520.1	520.2	520.3	520.4	520.4	520.1	519.5	518.9	518.3	517.7	518.3
147.5°	534.3	534.4	534.5	534.6	534.6	534.2	533.5	532.8	532.1	531.4	532.1
150°	547.6	547.8	548.0	548.2	548.3	547.9	547.1	546.3	545.5	544.7	545.5
152.5°	559.5	559.7	559.9	560.1	560.2	559.8	559.1	558.4	557.7	557.0	557.7
155°	570.1	570.4	570.7	571.0	571.2	570.8	570.0	569.1	568.3	567.5	568.3
157.5°	579.3	579.6	579.9	580.2	580.3	579.9	579.1	578.3	577.5	576.7	577.5
160°	587.6	588.0	588.4	588.8	589.0	588.6	587.8	587.0	586.2	585.4	586.2
162.5°	595.1	595.7	596.4	597.0	597.3	596.8	595.9	595.0	594.1	593.2	594.1
165°	601.5	602.1	602.8	603.4	603.7	603.3	602.5	601.6	600.8	600.0	600.8
167.5°	606.7	607.4	608.1	608.8	609.2	608.7	607.8	606.9	605.9	605.0	605.9
170°	610.4	611.2	612.1	612.9	613.3	612.8	611.9	611.0	610.1	609.2	610.1
172.5°	613.5	614.2	614.9	615.6	616.0	615.5	614.6	613.7	612.8	611.9	612.8
175°	615.4	616.2	617.1	617.9	618.3	617.8	616.9	616.0	615.1	614.2	615.1
177.5°	616.7	617.4	618.1	618.8	619.2	618.8	618.0	617.2	616.4	615.6	616.4
180°	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9

TEST NUMBER: P1034821

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1
2.5°	584.1	580.9	582.3	580.9	579.6	578.2	575.1	570.6	567.0	564.3	563.8
5°	629.1	625.0	622.3	621.0	618.3	614.7	608.8	602.1	594.0	590.8	584.5
7.5°	670.5	669.1	662.8	661.9	660.1	653.4	643.5	634.5	624.1	615.6	607.5
10°	709.6	706.5	702.0	695.7	694.8	686.2	676.8	664.2	650.7	642.6	628.2
12.5°	733.9	730.3	725.4	721.3	719.1	713.7	700.6	688.0	675.9	661.0	648.4
15°	751.5	747.0	738.0	734.8	732.1	724.9	715.5	702.4	686.2	675.9	657.9
17.5°	775.3	769.9	760.9	755.1	750.1	738.9	725.4	707.8	692.5	680.8	664.6
20°	802.8	794.7	783.0	775.3	768.1	755.1	736.2	715.5	693.4	679.0	662.4
22.5°	848.2	832.9	814.5	803.7	793.8	771.3	748.8	723.1	698.4	676.8	656.5
25°	892.3	877.0	854.1	839.2	823.9	797.8	768.1	732.6	701.1	675.9	649.3
27.5°	933.3	917.5	896.4	878.4	863.5	824.4	785.2	745.2	705.1	670.5	643.5
30°	942.7	936.0	919.8	904.0	890.5	854.5	809.1	758.2	710.1	665.5	635.4
32.5°	885.6	902.2	906.3	904.0	895.5	869.8	828.0	774.4	717.3	663.3	621.9
35°	766.8	796.9	828.0	844.6	852.7	856.3	831.6	782.5	722.2	659.7	612.9
37.5°	635.8	665.1	714.1	738.9	766.3	802.3	812.2	780.7	720.0	657.0	598.5
40°	522.4	559.8	600.3	622.8	646.6	711.4	760.5	756.9	712.8	647.1	587.2
42.5°	425.2	448.6	484.2	508.9	538.2	610.6	676.3	708.7	691.2	634.9	572.8
45°	354.6	372.6	397.8	423.0	441.0	506.7	584.5	637.6	654.3	613.3	550.8
47.5°	298.8	312.3	334.3	350.1	369.4	421.2	488.7	563.4	598.5	582.7	527.4
50°	256.0	266.8	284.4	294.3	311.4	355.9	407.2	485.5	538.6	540.4	496.3
52.5°	218.7	229.5	244.3	252.9	263.2	293.4	345.1	411.3	472.5	495.0	460.8
55°	190.3	196.6	208.8	215.5	225.0	254.2	287.1	343.3	407.2	444.1	422.5
57.5°	164.2	171.0	178.6	184.0	190.8	214.2	243.9	286.2	349.6	389.7	382.5
60°	143.1	147.1	154.3	158.4	164.7	180.0	200.7	243.0	293.4	331.2	335.2
62.5°	123.3	126.9	131.8	135.4	139.5	151.6	166.9	197.1	241.2	282.1	287.5
65°	106.2	109.3	112.0	115.2	118.3	126.0	139.0	162.4	196.6	234.9	246.6
67.5°	90.9	91.8	95.8	96.3	98.1	103.9	113.4	132.3	157.0	187.6	202.9
70°	76.0	77.8	78.7	80.1	81.9	85.9	93.6	103.5	121.9	146.7	161.1
72.5°	61.6	62.1	63.4	64.3	66.1	69.3	72.9	80.5	92.2	110.2	123.3
75°	49.0	49.5	50.4	50.8	52.2	53.1	54.9	60.3	68.4	79.2	88.6
77.5°	36.9	37.8	38.7	38.7	39.1	40.0	40.9	42.7	46.8	54.0	62.1
80°	25.2	25.6	25.6	26.1	25.6	27.0	28.3	30.6	32.4	34.6	38.7
82.5°	17.5	17.5	17.5	18.0	18.0	18.4	18.4	18.9	19.3	20.7	22.5
85°	10.8	10.8	11.2	10.3	10.8	11.2	11.2	10.8	11.2	11.7	12.1
87.5°	4.5	4.5	4.9	4.9	4.9	4.9	4.5	4.9	4.5	4.9	4.9
90°	10.4	10.1	9.8	9.6	9.3	8.8	8.3	7.8	7.3	6.6	5.9
92.5°	9.9	9.8	9.7	9.6	9.3	8.8	8.3	7.8	7.3	6.7	6.1
95°	9.6	9.6	9.6	9.6	9.3	8.8	8.3	7.8	7.3	11.2	15.0
97.5°	9.4	9.3	9.2	9.1	9.0	8.8	8.6	8.4	8.2	17.9	27.5
100°	10.4	10.8	11.2	11.4	19.0	34.1	49.3	64.4	79.6	79.2	78.8
102.5°	86.6	95.1	103.6	107.9	107.8	107.6	107.4	107.2	107.0	106.8	106.6
105°	136.0	136.1	136.2	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3
107.5°	165.9	166.3	166.7	166.9	166.9	166.8	166.7	166.6	166.5	166.3	166.1
110°	195.5	195.4	195.3	195.3	195.4	195.7	196.0	196.3	196.6	196.4	196.2

TEST NUMBER: P1034821

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	223.6	223.8	224.0	224.1	224.3	224.7	225.1	225.5	225.9	225.8	225.7
115°	251.8	252.5	253.1	253.4	253.6	254.0	254.4	254.8	255.2	255.1	255.0
117.5°	280.7	281.0	281.2	281.3	281.6	282.2	282.8	283.4	284.0	283.6	283.2
120°	308.3	308.8	309.3	309.6	309.7	309.9	310.1	310.3	310.5	310.2	309.9
122.5°	334.1	334.8	335.4	335.7	335.8	336.0	336.2	336.4	336.6	336.5	336.4
125°	359.6	359.9	360.2	360.4	360.6	361.0	361.4	361.8	362.2	362.2	362.2
127.5°	382.1	383.0	383.8	384.2	384.3	384.5	384.7	384.9	385.1	385.2	385.3
130°	405.3	405.8	406.3	406.6	406.7	407.0	407.3	407.6	407.9	407.8	407.7
132.5°	427.2	427.7	428.2	428.5	428.5	428.5	428.5	428.5	428.5	428.8	429.1
135°	447.1	447.7	448.3	448.6	448.7	448.9	449.2	449.4	449.6	449.8	450.0
137.5°	467.5	468.0	468.5	468.8	468.8	468.8	468.8	468.8	468.8	469.0	469.2
140°	485.5	486.2	486.8	487.1	487.0	486.8	486.5	486.3	486.1	486.2	486.3
142.5°	502.4	503.1	503.7	504.0	504.0	504.0	504.0	504.0	504.0	503.8	503.6
145°	518.9	519.5	520.1	520.4	520.4	520.3	520.2	520.1	520.0	520.0	520.0
147.5°	532.8	533.5	534.2	534.6	534.6	534.5	534.4	534.3	534.2	534.1	534.0
150°	546.3	547.1	547.9	548.3	548.2	548.0	547.8	547.6	547.4	547.2	547.0
152.5°	558.4	559.1	559.8	560.2	560.1	559.9	559.7	559.5	559.3	559.1	558.9
155°	569.1	570.0	570.8	571.2	571.0	570.7	570.4	570.1	569.8	569.6	569.4
157.5°	578.3	579.1	579.9	580.3	580.2	579.9	579.6	579.3	579.0	579.0	579.0
160°	587.0	587.8	588.6	589.0	588.8	588.4	588.0	587.6	587.2	587.1	587.0
162.5°	595.0	595.9	596.8	597.3	597.0	596.4	595.7	595.1	594.5	594.4	594.3
165°	601.6	602.5	603.3	603.7	603.4	602.8	602.1	601.5	600.9	600.8	600.7
167.5°	606.9	607.8	608.7	609.2	608.8	608.1	607.4	606.7	606.0	605.9	605.8
170°	611.0	611.9	612.8	613.3	612.9	612.1	611.2	610.4	609.6	609.5	609.4
172.5°	613.7	614.6	615.5	616.0	615.6	614.9	614.2	613.5	612.8	612.6	612.4
175°	616.0	616.9	617.8	618.3	617.9	617.1	616.2	615.4	614.6	614.5	614.4
177.5°	617.2	618.0	618.8	619.2	618.8	618.1	617.4	616.7	616.0	615.9	615.8
180°	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9

TEST NUMBER: P1034821

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1
2.5°	562.5	559.8	558.0	557.5	554.8	552.6	549.9	549.4	548.1	544.5	542.2
5°	580.0	573.7	572.4	568.3	561.6	556.6	550.3	546.7	542.7	535.9	530.5
7.5°	598.0	589.5	583.2	577.3	567.9	558.9	549.9	542.7	535.5	525.6	517.5
10°	615.6	602.5	594.9	586.3	573.3	559.8	547.2	536.8	525.1	513.4	501.7
12.5°	631.8	615.1	603.9	591.7	575.5	558.9	542.7	528.3	516.1	500.4	487.3
15°	641.7	623.2	612.0	600.3	576.0	557.5	538.6	520.2	504.0	487.3	475.2
17.5°	647.5	626.8	614.2	603.4	578.7	553.5	529.2	509.4	491.8	472.0	455.8
20°	644.8	624.6	612.9	602.5	573.7	548.5	522.4	499.5	477.4	457.2	440.1
22.5°	639.0	617.8	604.8	595.3	569.7	540.0	511.2	486.4	463.5	443.2	423.9
25°	626.4	605.7	594.4	582.7	557.5	529.2	499.9	473.4	449.1	427.5	405.9
27.5°	615.1	589.9	578.2	567.9	541.3	516.1	487.3	458.1	433.3	410.8	389.2
30°	602.1	573.7	561.1	547.2	523.3	499.5	470.7	443.7	418.0	394.2	373.5
32.5°	588.1	555.3	540.9	525.1	500.8	478.3	454.0	427.5	401.8	378.4	356.8
35°	570.1	535.0	518.4	503.5	478.3	455.8	433.3	411.3	385.6	360.9	340.2
37.5°	553.0	514.3	496.8	479.7	453.1	431.5	413.1	392.4	367.6	343.8	324.0
40°	533.7	489.1	471.1	455.4	427.9	404.1	387.4	371.2	349.6	326.7	305.1
42.5°	516.1	465.7	446.8	430.6	401.8	379.3	363.6	350.1	331.2	310.0	288.0
45°	491.8	440.5	421.2	404.1	374.8	353.7	337.5	325.8	310.9	291.1	271.3
47.5°	469.3	416.2	395.1	374.4	347.8	326.2	311.4	302.4	292.5	274.9	254.7
50°	441.9	388.3	366.7	349.6	319.5	301.0	286.2	279.9	270.9	254.2	238.0
52.5°	412.2	361.3	341.1	320.4	292.5	274.5	261.4	254.2	247.0	234.9	219.6
55°	377.5	331.2	312.3	293.8	265.9	249.3	237.6	229.9	225.9	214.6	203.4
57.5°	344.2	300.6	283.0	265.9	241.6	222.7	215.1	208.3	202.5	194.4	184.9
60°	310.5	270.9	252.0	236.7	215.5	198.4	192.1	185.4	180.9	174.6	167.8
62.5°	271.8	238.0	223.6	209.2	191.2	177.7	170.5	165.1	159.3	155.2	149.4
65°	230.8	207.0	193.0	182.2	165.1	153.0	147.6	144.0	139.0	135.0	130.5
67.5°	192.6	173.7	167.8	156.1	143.1	132.3	128.2	123.7	119.7	117.4	113.4
70°	155.7	142.2	136.3	133.2	118.8	111.6	108.0	106.2	101.2	99.0	96.3
72.5°	120.6	115.6	111.6	107.5	98.1	93.6	89.5	87.7	84.1	82.3	81.4
75°	89.1	85.9	83.7	83.2	79.2	74.7	70.6	69.7	67.0	65.2	64.3
77.5°	62.5	61.6	61.2	61.6	58.9	56.2	55.3	54.4	51.3	50.8	50.8
80°	40.9	43.2	43.2	42.7	41.8	41.4	40.0	39.1	37.3	36.9	37.3
82.5°	25.2	26.5	27.0	27.9	27.4	27.0	26.1	25.6	26.1	25.2	25.6
85°	12.6	13.5	15.3	15.3	15.7	15.7	15.7	15.3	14.4	14.8	14.4
87.5°	4.9	5.4	5.4	5.4	4.9	6.3	6.7	6.7	6.7	5.8	5.8
90°	5.2	4.5	4.1	3.7	2.9	2.1	1.3	0.5	1.3	2.1	2.9
92.5°	5.5	4.9	4.6	5.1	6.0	6.9	7.8	8.7	7.8	6.9	6.0
95°	18.9	22.8	24.7	24.9	25.2	25.5	25.8	26.1	25.8	25.5	25.2
97.5°	37.2	46.9	51.7	51.4	50.8	50.1	49.5	48.9	49.5	50.1	50.8
100°	78.3	77.9	77.7	77.6	77.3	77.0	76.7	76.4	76.7	77.0	77.3
102.5°	106.4	106.2	106.1	105.9	105.5	105.1	104.7	104.3	104.7	105.1	105.5
105°	136.3	136.3	136.3	136.1	135.7	135.3	134.9	134.5	134.9	135.3	135.7
107.5°	165.9	165.7	165.6	165.6	165.6	165.6	165.6	165.6	165.6	165.6	165.6
110°	196.0	195.8	195.7	195.7	195.7	195.7	195.7	195.7	195.7	195.7	195.7

TEST NUMBER: P1034821

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	225.6	225.5	225.5	225.3	225.0	224.7	224.4	224.1	224.4	224.7	225.0
115°	254.9	254.8	254.7	254.4	253.9	253.4	252.9	252.4	252.9	253.4	253.9
117.5°	282.8	282.4	282.2	282.2	282.2	282.2	282.2	282.2	282.2	282.2	282.2
120°	309.6	309.3	309.2	309.2	309.3	309.4	309.5	309.6	309.5	309.4	309.3
122.5°	336.3	336.2	336.1	335.8	335.3	334.8	334.3	333.8	334.3	334.8	335.3
125°	362.2	362.2	362.2	361.8	361.1	360.4	359.7	359.0	359.7	360.4	361.1
127.5°	385.4	385.5	385.5	385.2	384.7	384.2	383.7	383.2	383.7	384.2	384.7
130°	407.6	407.5	407.5	407.2	406.7	406.2	405.7	405.2	405.7	406.2	406.7
132.5°	429.4	429.7	429.9	429.6	429.0	428.3	427.7	427.1	427.7	428.3	429.0
135°	450.2	450.4	450.5	450.2	449.6	448.9	448.3	447.7	448.3	448.9	449.6
137.5°	469.4	469.6	469.7	469.4	468.8	468.1	467.5	466.9	467.5	468.1	468.8
140°	486.4	486.5	486.6	486.5	486.3	486.1	485.9	485.7	485.9	486.1	486.3
142.5°	503.4	503.2	503.1	503.0	502.9	502.8	502.7	502.6	502.7	502.8	502.9
145°	520.0	520.0	520.0	519.9	519.7	519.5	519.3	519.1	519.3	519.5	519.7
147.5°	533.9	533.8	533.7	533.7	533.7	533.7	533.7	533.7	533.7	533.7	533.7
150°	546.8	546.6	546.5	546.6	546.8	547.0	547.2	547.4	547.2	547.0	546.8
152.5°	558.7	558.5	558.4	558.7	559.2	559.7	560.2	560.7	560.2	559.7	559.2
155°	569.2	569.0	568.9	569.2	569.8	570.5	571.1	571.7	571.1	570.5	569.8
157.5°	579.0	579.0	579.0	579.1	579.4	579.7	580.0	580.3	580.0	579.7	579.4
160°	586.9	586.8	586.7	587.0	587.6	588.3	588.9	589.5	588.9	588.3	587.6
162.5°	594.2	594.1	594.1	594.4	595.0	595.6	596.2	596.8	596.2	595.6	595.0
165°	600.6	600.5	600.5	600.8	601.4	602.0	602.6	603.2	602.6	602.0	601.4
167.5°	605.7	605.6	605.5	605.8	606.4	607.0	607.6	608.2	607.6	607.0	606.4
170°	609.3	609.2	609.2	609.6	610.3	611.0	611.7	612.4	611.7	611.0	610.3
172.5°	612.2	612.0	611.9	612.3	613.0	613.7	614.4	615.1	614.4	613.7	613.0
175°	614.3	614.2	614.2	614.5	615.1	615.7	616.3	616.9	616.3	615.7	615.1
177.5°	615.7	615.6	615.6	615.9	616.5	617.1	617.7	618.3	617.7	617.1	616.5
180°	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9

TEST NUMBER: P1034821

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1
2.5°	540.9	539.1	537.7	536.4	530.5	524.2	523.3	522.0	519.3	522.4	521.1
5°	526.9	522.9	520.6	514.8	507.6	502.2	497.7	492.3	490.0	488.2	487.8
7.5°	509.8	506.2	502.2	496.3	487.3	478.3	471.6	466.2	461.7	459.4	459.4
10°	493.2	488.7	483.3	473.4	464.8	453.6	446.4	441.0	434.7	431.1	427.9
12.5°	476.1	471.1	466.2	453.6	443.7	432.0	421.6	414.9	411.7	407.7	402.3
15°	459.0	451.3	446.4	433.8	421.2	409.5	402.7	395.5	388.3	384.3	382.5
17.5°	441.0	435.6	427.5	414.0	400.0	389.7	379.8	373.0	364.5	360.4	356.4
20°	424.8	416.7	408.6	395.1	381.6	367.6	357.7	349.6	344.2	341.1	337.5
22.5°	405.4	397.8	391.0	376.6	361.8	348.7	337.9	333.0	327.6	322.6	319.0
25°	388.8	381.1	374.4	358.6	342.4	330.3	322.2	315.9	310.0	307.8	304.2
27.5°	371.2	364.0	355.0	339.3	324.9	314.5	306.0	300.1	295.6	291.1	288.4
30°	354.6	346.5	338.4	321.3	309.6	299.2	291.1	283.9	280.3	278.1	273.6
32.5°	338.4	328.0	321.3	305.5	294.3	284.4	277.6	271.3	266.8	262.8	259.2
35°	320.8	309.6	302.8	289.8	278.1	268.2	262.3	257.8	252.4	248.8	247.0
37.5°	304.2	294.7	288.0	274.5	262.8	254.7	248.4	242.5	240.3	235.3	234.4
40°	286.2	278.1	271.8	258.7	247.9	241.6	234.9	229.5	225.4	223.2	220.0
42.5°	270.0	263.2	256.5	244.3	234.0	226.3	221.4	216.4	212.8	209.2	207.0
45°	255.1	247.9	241.6	229.9	219.6	212.8	207.9	202.0	201.1	196.2	193.9
47.5°	239.4	233.1	227.7	215.5	206.1	199.3	193.5	189.4	185.4	183.6	180.4
50°	224.1	217.8	211.5	200.7	192.1	185.4	179.5	175.0	172.8	170.1	167.4
52.5°	207.4	202.5	197.5	186.3	177.7	171.9	166.9	161.1	158.8	156.6	154.8
55°	193.5	186.3	180.9	171.4	163.8	157.5	152.1	147.6	145.3	143.5	141.3
57.5°	174.6	170.1	165.6	157.0	149.8	143.5	138.1	134.5	131.8	130.5	130.9
60°	158.4	153.4	150.7	141.7	134.5	129.6	124.6	121.0	118.3	117.0	116.5
62.5°	141.3	137.7	132.7	126.4	119.2	114.7	111.1	108.4	103.9	103.5	102.1
65°	124.6	121.9	117.4	111.6	105.7	101.7	97.6	94.0	92.2	90.0	88.6
67.5°	108.4	105.7	101.7	96.7	92.7	88.6	85.0	81.4	78.3	76.5	75.6
70°	92.7	90.4	87.7	81.9	76.9	73.8	71.1	68.8	65.7	64.8	64.3
72.5°	77.4	75.1	73.8	68.8	64.3	61.6	58.9	56.7	55.3	54.9	53.5
75°	63.4	61.2	59.4	54.9	52.2	50.4	47.7	46.8	45.4	45.0	44.5
77.5°	49.5	47.2	46.8	43.6	40.5	39.6	38.7	36.9	36.9	36.9	36.0
80°	35.5	35.1	34.6	31.5	30.1	29.2	28.8	27.4	26.5	25.6	25.2
82.5°	23.8	23.4	22.9	21.6	20.2	19.8	19.3	18.4	18.4	18.9	18.0
85°	14.4	13.5	13.0	12.6	11.7	11.7	12.1	11.7	11.7	11.7	11.2
87.5°	5.4	5.4	5.4	5.4	5.8	4.9	5.4	5.4	4.9	4.9	4.5
90°	3.7	4.1	4.5	5.2	5.9	6.6	7.3	7.8	8.3	8.8	9.3
92.5°	5.1	4.6	4.9	5.5	6.1	6.7	7.3	7.8	8.3	8.8	9.3
95°	24.9	24.7	22.8	18.9	15.0	11.2	7.3	7.8	8.3	8.8	9.3
97.5°	51.4	51.7	46.9	37.2	27.5	17.9	8.2	8.4	8.6	8.8	9.0
100°	77.6	77.7	77.9	78.3	78.8	79.2	79.6	64.4	49.3	34.1	19.0
102.5°	105.9	106.1	106.2	106.4	106.6	106.8	107.0	107.2	107.4	107.6	107.8
105°	136.1	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3
107.5°	165.6	165.6	165.7	165.9	166.1	166.3	166.5	166.6	166.7	166.8	166.9
110°	195.7	195.7	195.8	196.0	196.2	196.4	196.6	196.3	196.0	195.7	195.4

TEST NUMBER: P1034821

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	225.3	225.5	225.5	225.6	225.7	225.8	225.9	225.5	225.1	224.7	224.3
115°	254.4	254.7	254.8	254.9	255.0	255.1	255.2	254.8	254.4	254.0	253.6
117.5°	282.2	282.2	282.4	282.8	283.2	283.6	284.0	283.4	282.8	282.2	281.6
120°	309.2	309.2	309.3	309.6	309.9	310.2	310.5	310.3	310.1	309.9	309.7
122.5°	335.8	336.1	336.2	336.3	336.4	336.5	336.6	336.4	336.2	336.0	335.8
125°	361.8	362.2	362.2	362.2	362.2	362.2	362.2	361.8	361.4	361.0	360.6
127.5°	385.2	385.5	385.5	385.4	385.3	385.2	385.1	384.9	384.7	384.5	384.3
130°	407.2	407.5	407.5	407.6	407.7	407.8	407.9	407.6	407.3	407.0	406.7
132.5°	429.6	429.9	429.7	429.4	429.1	428.8	428.5	428.5	428.5	428.5	428.5
135°	450.2	450.5	450.4	450.2	450.0	449.8	449.6	449.4	449.2	448.9	448.7
137.5°	469.4	469.7	469.6	469.4	469.2	469.0	468.8	468.8	468.8	468.8	468.8
140°	486.5	486.6	486.5	486.4	486.3	486.2	486.1	486.3	486.5	486.8	487.0
142.5°	503.0	503.1	503.2	503.4	503.6	503.8	504.0	504.0	504.0	504.0	504.0
145°	519.9	520.0	520.0	520.0	520.0	520.0	520.0	520.1	520.2	520.3	520.4
147.5°	533.7	533.7	533.8	533.9	534.0	534.1	534.2	534.3	534.4	534.5	534.6
150°	546.6	546.5	546.6	546.8	547.0	547.2	547.4	547.6	547.8	548.0	548.2
152.5°	558.7	558.4	558.5	558.7	558.9	559.1	559.3	559.5	559.7	559.9	560.1
155°	569.2	568.9	569.0	569.2	569.4	569.6	569.8	570.1	570.4	570.7	571.0
157.5°	579.1	579.0	579.0	579.0	579.0	579.0	579.0	579.3	579.6	579.9	580.2
160°	587.0	586.7	586.8	586.9	587.0	587.1	587.2	587.6	588.0	588.4	588.8
162.5°	594.4	594.1	594.1	594.2	594.3	594.4	594.5	595.1	595.7	596.4	597.0
165°	600.8	600.5	600.5	600.6	600.7	600.8	600.9	601.5	602.1	602.8	603.4
167.5°	605.8	605.5	605.6	605.7	605.8	605.9	606.0	606.7	607.4	608.1	608.8
170°	609.6	609.2	609.2	609.3	609.4	609.5	609.6	610.4	611.2	612.1	612.9
172.5°	612.3	611.9	612.0	612.2	612.4	612.6	612.8	613.5	614.2	614.9	615.6
175°	614.5	614.2	614.2	614.3	614.4	614.5	614.6	615.4	616.2	617.1	617.9
177.5°	615.9	615.6	615.6	615.7	615.8	615.9	616.0	616.7	617.4	618.1	618.8
180°	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9

TEST NUMBER: P1034821

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1
2.5°	518.8	519.7	517.5	516.6	514.8	517.0	517.5	517.0	521.1	519.3	520.2
5°	488.7	486.9	485.5	482.4	482.4	482.8	484.2	481.9	483.3	486.4	486.0
7.5°	455.4	454.5	454.9	451.3	448.6	449.5	448.6	452.7	454.9	454.0	455.8
10°	425.2	427.0	423.0	421.2	419.4	421.2	420.7	421.6	424.3	426.1	429.3
12.5°	400.9	400.5	398.2	396.4	393.3	394.2	396.9	396.0	396.4	400.5	400.0
15°	378.0	375.3	373.5	369.4	370.3	367.2	369.9	373.0	374.4	378.0	380.2
17.5°	355.0	354.6	352.3	351.9	346.9	345.6	348.3	349.2	350.5	352.3	355.5
20°	335.7	335.2	332.1	331.2	327.1	329.8	328.9	330.7	331.6	335.2	336.6
22.5°	318.1	315.9	315.0	313.6	312.3	311.8	313.6	313.2	316.3	317.7	318.1
25°	301.9	300.1	299.7	297.4	296.5	295.2	296.5	297.9	301.5	302.8	304.6
27.5°	287.1	285.7	284.8	283.0	281.7	281.7	282.6	284.4	285.7	286.6	287.5
30°	273.6	272.7	270.0	269.1	267.7	267.7	267.7	268.6	270.9	273.6	274.9
32.5°	259.6	257.8	256.0	256.0	254.7	254.7	255.1	256.0	258.3	258.7	261.0
35°	246.1	244.3	243.0	242.1	242.5	240.7	241.6	243.0	245.7	246.6	247.9
37.5°	233.1	232.6	229.9	228.6	229.5	229.5	229.0	229.9	231.7	233.5	234.4
40°	218.7	217.8	217.8	216.4	216.9	215.1	216.4	217.3	218.2	220.0	221.4
42.5°	206.1	205.2	203.4	203.8	202.5	202.5	203.4	203.8	205.2	207.4	208.3
45°	192.6	192.6	191.7	190.3	190.8	189.4	190.3	190.8	192.6	194.8	193.9
47.5°	179.5	179.1	179.1	177.3	178.2	176.8	178.2	178.6	179.5	180.9	180.4
50°	166.9	165.6	166.0	165.6	165.1	165.1	166.0	166.0	166.9	166.9	168.3
52.5°	153.9	153.9	153.0	153.4	154.3	153.4	154.8	153.4	154.3	154.8	155.7
55°	142.2	141.3	141.7	141.3	143.1	141.7	143.1	142.2	143.1	142.6	143.5
57.5°	129.6	128.2	128.7	128.2	129.6	129.1	130.5	129.1	129.6	130.0	131.4
60°	115.2	115.2	115.2	114.3	115.6	115.6	115.2	115.2	117.0	117.9	117.4
62.5°	101.7	101.2	99.9	99.4	99.9	99.0	100.8	100.3	101.2	102.1	103.0
65°	86.8	85.9	85.5	84.6	84.6	84.1	84.6	86.4	86.8	87.3	89.5
67.5°	74.7	74.2	73.8	72.4	72.4	73.3	73.3	73.3	76.0	74.7	76.5
70°	63.9	63.0	62.1	61.6	61.6	62.1	62.5	63.0	62.5	64.3	64.8
72.5°	53.5	54.0	53.1	53.1	53.1	52.6	52.6	53.5	54.0	53.5	54.0
75°	44.5	44.5	44.1	44.5	44.5	44.1	44.1	45.0	45.0	44.5	45.9
77.5°	36.0	35.5	34.6	33.7	34.2	33.7	34.2	33.7	35.1	36.4	35.5
80°	25.2	24.7	24.7	24.7	25.2	24.7	25.6	24.7	25.2	25.2	25.6
82.5°	18.0	18.4	18.4	18.0	18.4	18.0	18.4	18.4	18.4	18.0	18.4
85°	11.7	11.7	11.7	11.7	11.2	11.7	11.7	11.7	12.1	11.7	12.1
87.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.4	4.9	5.4
90°	9.6	9.8	10.1	10.4	10.7	11.0	10.7	10.4	10.1	9.8	9.6
92.5°	9.6	9.7	9.8	9.9	10.0	10.1	10.0	9.9	9.8	9.7	9.6
95°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
97.5°	9.1	9.2	9.3	9.4	9.5	9.6	9.5	9.4	9.3	9.2	9.1
100°	11.4	11.2	10.8	10.4	10.0	9.6	10.0	10.4	10.8	11.2	11.4
102.5°	107.9	103.6	95.1	86.6	78.0	69.5	78.0	86.6	95.1	103.6	107.9
105°	136.3	136.2	136.1	136.0	135.9	135.8	135.9	136.0	136.1	136.2	136.3
107.5°	166.9	166.7	166.3	165.9	165.5	165.1	165.5	165.9	166.3	166.7	166.9
110°	195.3	195.3	195.4	195.5	195.6	195.7	195.6	195.5	195.4	195.3	195.3

TEST NUMBER: P1034821

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	224.1	224.0	223.8	223.6	223.4	223.2	223.4	223.6	223.8	224.0	224.1
115°	253.4	253.1	252.5	251.8	251.2	250.6	251.2	251.8	252.5	253.1	253.4
117.5°	281.3	281.2	281.0	280.7	280.5	280.3	280.5	280.7	281.0	281.2	281.3
120°	309.6	309.3	308.8	308.3	307.8	307.3	307.8	308.3	308.8	309.3	309.6
122.5°	335.7	335.4	334.8	334.1	333.5	332.9	333.5	334.1	334.8	335.4	335.7
125°	360.4	360.2	359.9	359.6	359.3	359.0	359.3	359.6	359.9	360.2	360.4
127.5°	384.2	383.8	383.0	382.1	381.3	380.5	381.3	382.1	383.0	383.8	384.2
130°	406.6	406.3	405.8	405.3	404.8	404.3	404.8	405.3	405.8	406.3	406.6
132.5°	428.5	428.2	427.7	427.2	426.7	426.2	426.7	427.2	427.7	428.2	428.5
135°	448.6	448.3	447.7	447.1	446.5	445.9	446.5	447.1	447.7	448.3	448.6
137.5°	468.8	468.5	468.0	467.5	467.0	466.5	467.0	467.5	468.0	468.5	468.8
140°	487.1	486.8	486.2	485.5	484.9	484.3	484.9	485.5	486.2	486.8	487.1
142.5°	504.0	503.7	503.1	502.4	501.8	501.2	501.8	502.4	503.1	503.7	504.0
145°	520.4	520.1	519.5	518.9	518.3	517.7	518.3	518.9	519.5	520.1	520.4
147.5°	534.6	534.2	533.5	532.8	532.1	531.4	532.1	532.8	533.5	534.2	534.6
150°	548.3	547.9	547.1	546.3	545.5	544.7	545.5	546.3	547.1	547.9	548.3
152.5°	560.2	559.8	559.1	558.4	557.7	557.0	557.7	558.4	559.1	559.8	560.2
155°	571.2	570.8	570.0	569.1	568.3	567.5	568.3	569.1	570.0	570.8	571.2
157.5°	580.3	579.9	579.1	578.3	577.5	576.7	577.5	578.3	579.1	579.9	580.3
160°	589.0	588.6	587.8	587.0	586.2	585.4	586.2	587.0	587.8	588.6	589.0
162.5°	597.3	596.8	595.9	595.0	594.1	593.2	594.1	595.0	595.9	596.8	597.3
165°	603.7	603.3	602.5	601.6	600.8	600.0	600.8	601.6	602.5	603.3	603.7
167.5°	609.2	608.7	607.8	606.9	605.9	605.0	605.9	606.9	607.8	608.7	609.2
170°	613.3	612.8	611.9	611.0	610.1	609.2	610.1	611.0	611.9	612.8	613.3
172.5°	616.0	615.5	614.6	613.7	612.8	611.9	612.8	613.7	614.6	615.5	616.0
175°	618.3	617.8	616.9	616.0	615.1	614.2	615.1	616.0	616.9	617.8	618.3
177.5°	619.2	618.8	618.0	617.2	616.4	615.6	616.4	617.2	618.0	618.8	619.2
180°	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9

TEST NUMBER: P1034821

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1	548.1
2.5°	518.4	520.6	518.8	517.5	521.1	522.9	522.9	526.0	529.2	531.9	532.3
5°	486.4	490.0	490.9	490.5	495.9	498.6	504.4	507.6	512.1	515.2	518.8
7.5°	457.2	462.1	462.6	463.5	471.6	476.1	481.0	489.1	495.4	499.9	504.0
10°	427.9	431.1	434.2	438.3	446.4	454.0	461.2	469.8	477.9	482.4	488.2
12.5°	405.9	408.1	411.7	414.4	423.0	429.7	439.2	450.9	462.6	466.2	473.4
15°	382.9	384.3	391.5	394.2	401.4	412.6	418.5	429.7	442.3	449.1	457.2
17.5°	356.4	364.5	369.0	372.1	381.1	390.1	399.6	411.3	427.5	433.8	439.6
20°	337.5	343.3	348.3	352.3	360.4	373.9	382.5	391.9	407.2	414.4	423.0
22.5°	320.8	325.8	330.3	334.8	340.2	352.3	362.2	375.3	390.6	397.3	407.2
25°	305.1	310.0	312.7	318.1	325.3	333.9	345.6	357.3	372.6	380.2	389.7
27.5°	289.8	294.7	299.7	304.2	309.1	317.2	325.3	340.2	355.9	364.9	373.0
30°	276.7	279.0	283.5	288.4	293.4	301.0	310.5	320.8	338.8	346.9	356.8
32.5°	262.3	266.4	269.5	273.1	279.4	285.7	294.3	307.3	321.7	329.4	340.2
35°	248.8	252.4	254.7	261.0	265.0	271.8	280.3	292.0	304.2	312.7	322.2
37.5°	235.8	239.4	242.1	245.7	251.1	256.9	265.9	274.5	288.9	296.1	306.9
40°	222.3	225.4	228.6	232.6	237.6	244.8	250.2	261.0	272.7	280.8	288.9
42.5°	209.2	211.0	214.6	219.1	224.1	230.4	238.0	246.6	258.3	265.5	272.7
45°	195.3	198.4	202.5	205.6	210.1	216.4	223.2	230.8	242.5	249.7	257.4
47.5°	182.2	184.5	187.2	192.1	198.0	202.5	209.7	216.9	227.7	234.4	241.6
50°	168.7	171.0	175.0	178.2	182.7	188.5	195.3	202.9	213.3	217.8	225.0
52.5°	156.1	157.0	161.1	164.2	168.7	175.5	180.9	187.6	197.5	202.5	209.7
55°	143.5	144.4	146.7	149.8	154.8	160.2	166.0	173.7	182.2	186.7	193.5
57.5°	130.5	131.4	133.6	135.9	140.8	145.8	152.5	158.8	167.4	171.4	177.7
60°	117.4	117.4	119.7	122.8	126.4	130.9	136.8	144.4	150.7	155.7	160.2
62.5°	103.5	104.8	106.2	108.4	112.5	117.9	122.8	128.2	135.9	139.5	143.5
65°	89.5	90.9	93.6	95.8	99.0	102.6	108.9	113.4	119.2	123.3	126.9
67.5°	77.4	78.7	80.5	83.2	85.5	89.5	94.0	98.5	104.8	107.5	110.2
70°	64.8	66.1	67.5	71.1	73.3	76.5	79.6	84.1	89.5	91.3	93.6
72.5°	54.9	55.3	57.1	58.0	61.2	63.9	67.5	70.2	74.2	76.5	78.3
75°	46.3	46.3	46.8	47.7	49.5	51.3	54.0	56.7	60.3	61.6	63.9
77.5°	36.4	37.8	37.3	38.2	39.1	40.0	42.3	44.1	47.7	48.6	49.5
80°	26.1	26.5	27.9	29.2	29.2	30.6	31.9	32.4	34.6	36.0	36.0
82.5°	18.9	19.3	18.9	19.3	19.8	20.2	21.6	23.4	23.4	23.8	24.7
85°	11.7	11.7	12.1	12.6	12.6	12.1	13.0	12.6	13.0	13.9	13.9
87.5°	5.8	5.4	5.4	5.4	5.4	5.4	5.8	5.4	5.8	5.8	5.8
90°	9.3	8.8	8.3	7.8	7.3	6.6	5.9	5.2	4.5	4.1	3.7
92.5°	9.3	8.8	8.3	7.8	7.3	6.7	6.1	5.5	4.9	4.6	5.1
95°	9.3	8.8	8.3	7.8	7.3	11.2	15.0	18.9	22.8	24.7	24.9
97.5°	9.0	8.8	8.6	8.4	8.2	17.9	27.5	37.2	46.9	51.7	51.4
100°	19.0	34.1	49.3	64.4	79.6	79.2	78.8	78.3	77.9	77.7	77.6
102.5°	107.8	107.6	107.4	107.2	107.0	106.8	106.6	106.4	106.2	106.1	105.9
105°	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.1
107.5°	166.9	166.8	166.7	166.6	166.5	166.3	166.1	165.9	165.7	165.6	165.6
110°	195.4	195.7	196.0	196.3	196.6	196.4	196.2	196.0	195.8	195.7	195.7

TEST NUMBER: P1034821

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	224.3	224.7	225.1	225.5	225.9	225.8	225.7	225.6	225.5	225.5	225.3
115°	253.6	254.0	254.4	254.8	255.2	255.1	255.0	254.9	254.8	254.7	254.4
117.5°	281.6	282.2	282.8	283.4	284.0	283.6	283.2	282.8	282.4	282.2	282.2
120°	309.7	309.9	310.1	310.3	310.5	310.2	309.9	309.6	309.3	309.2	309.2
122.5°	335.8	336.0	336.2	336.4	336.6	336.5	336.4	336.3	336.2	336.1	335.8
125°	360.6	361.0	361.4	361.8	362.2	362.2	362.2	362.2	362.2	362.2	361.8
127.5°	384.3	384.5	384.7	384.9	385.1	385.2	385.3	385.4	385.5	385.5	385.2
130°	406.7	407.0	407.3	407.6	407.9	407.8	407.7	407.6	407.5	407.5	407.2
132.5°	428.5	428.5	428.5	428.5	428.5	428.8	429.1	429.4	429.7	429.9	429.6
135°	448.7	448.9	449.2	449.4	449.6	449.8	450.0	450.2	450.4	450.5	450.2
137.5°	468.8	468.8	468.8	468.8	468.8	469.0	469.2	469.4	469.6	469.7	469.4
140°	487.0	486.8	486.5	486.3	486.1	486.2	486.3	486.4	486.5	486.6	486.5
142.5°	504.0	504.0	504.0	504.0	504.0	503.8	503.6	503.4	503.2	503.1	503.0
145°	520.4	520.3	520.2	520.1	520.0	520.0	520.0	520.0	520.0	520.0	519.9
147.5°	534.6	534.5	534.4	534.3	534.2	534.1	534.0	533.9	533.8	533.7	533.7
150°	548.2	548.0	547.8	547.6	547.4	547.2	547.0	546.8	546.6	546.5	546.6
152.5°	560.1	559.9	559.7	559.5	559.3	559.1	558.9	558.7	558.5	558.4	558.7
155°	571.0	570.7	570.4	570.1	569.8	569.6	569.4	569.2	569.0	568.9	569.2
157.5°	580.2	579.9	579.6	579.3	579.0	579.0	579.0	579.0	579.0	579.0	579.1
160°	588.8	588.4	588.0	587.6	587.2	587.1	587.0	586.9	586.8	586.7	587.0
162.5°	597.0	596.4	595.7	595.1	594.5	594.4	594.3	594.2	594.1	594.1	594.4
165°	603.4	602.8	602.1	601.5	600.9	600.8	600.7	600.6	600.5	600.5	600.8
167.5°	608.8	608.1	607.4	606.7	606.0	605.9	605.8	605.7	605.6	605.5	605.8
170°	612.9	612.1	611.2	610.4	609.6	609.5	609.4	609.3	609.2	609.2	609.6
172.5°	615.6	614.9	614.2	613.5	612.8	612.6	612.4	612.2	612.0	611.9	612.3
175°	617.9	617.1	616.2	615.4	614.6	614.5	614.4	614.3	614.2	614.2	614.5
177.5°	618.8	618.1	617.4	616.7	616.0	615.9	615.8	615.7	615.6	615.6	615.9
180°	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9	616.9

TEST NUMBER: P1034821

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	548.1	548.1	548.1	548.1
2.5°	535.5	539.5	543.6	548.5
5°	524.7	531.9	539.5	546.7
7.5°	513.0	523.3	533.2	543.6
10°	499.9	513.0	524.2	538.6
12.5°	485.5	499.5	515.2	531.4
15°	471.1	488.7	505.3	523.8
17.5°	457.6	474.3	492.7	514.8
20°	441.4	459.9	480.6	504.0
22.5°	424.3	444.6	467.1	492.3
25°	409.9	430.6	452.2	478.8
27.5°	394.2	415.8	436.9	465.3
30°	376.2	399.6	421.2	450.4
32.5°	359.1	382.5	406.3	433.8
35°	342.4	365.4	389.2	417.1
37.5°	326.7	347.4	370.8	396.0
40°	311.8	330.7	351.4	374.4
42.5°	292.9	315.0	334.3	351.0
45°	276.7	294.7	312.7	326.2
47.5°	257.8	275.8	291.1	301.9
50°	242.1	256.5	269.1	278.5
52.5°	223.2	236.7	247.0	254.2
55°	204.7	216.4	225.4	230.4
57.5°	188.1	195.7	202.5	207.0
60°	169.6	175.5	181.3	186.3
62.5°	149.8	156.1	159.3	164.7
65°	132.3	136.3	141.3	143.1
67.5°	115.2	117.4	120.6	124.2
70°	97.2	98.5	101.7	106.6
72.5°	81.4	82.8	85.0	86.8
75°	64.8	66.1	67.9	69.7
77.5°	50.8	51.3	52.2	54.0
80°	36.9	38.2	39.1	39.6
82.5°	25.6	26.1	26.1	26.5
85°	16.2	15.3	15.3	15.7
87.5°	5.8	6.7	6.7	7.6
90°	2.9	2.1	1.3	0.5
92.5°	6.0	6.9	7.8	8.7
95°	25.2	25.5	25.8	26.1
97.5°	50.8	50.1	49.5	48.9
100°	77.3	77.0	76.7	76.4
102.5°	105.5	105.1	104.7	104.3
105°	135.7	135.3	134.9	134.5
107.5°	165.6	165.6	165.6	165.6
110°	195.7	195.7	195.7	195.7

TEST NUMBER: P1034821

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	225.0	224.7	224.4	224.1
115°	253.9	253.4	252.9	252.4
117.5°	282.2	282.2	282.2	282.2
120°	309.3	309.4	309.5	309.6
122.5°	335.3	334.8	334.3	333.8
125°	361.1	360.4	359.7	359.0
127.5°	384.7	384.2	383.7	383.2
130°	406.7	406.2	405.7	405.2
132.5°	429.0	428.3	427.7	427.1
135°	449.6	448.9	448.3	447.7
137.5°	468.8	468.1	467.5	466.9
140°	486.3	486.1	485.9	485.7
142.5°	502.9	502.8	502.7	502.6
145°	519.7	519.5	519.3	519.1
147.5°	533.7	533.7	533.7	533.7
150°	546.8	547.0	547.2	547.4
152.5°	559.2	559.7	560.2	560.7
155°	569.8	570.5	571.1	571.7
157.5°	579.4	579.7	580.0	580.3
160°	587.6	588.3	588.9	589.5
162.5°	595.0	595.6	596.2	596.8
165°	601.4	602.0	602.6	603.2
167.5°	606.4	607.0	607.6	608.2
170°	610.3	611.0	611.7	612.4
172.5°	613.0	613.7	614.4	615.1
175°	615.1	615.7	616.3	616.9
177.5°	616.5	617.1	617.7	618.3
180°	616.9	616.9	616.9	616.9

(END OF REPORT)