

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: P1034820

Luminaire Tested: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1034820
REPORT IS A COMBINATION OF REPORTS P1006499 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_2700K
Description: Define 5 Regressed Direct/Indirect Wall Mount with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

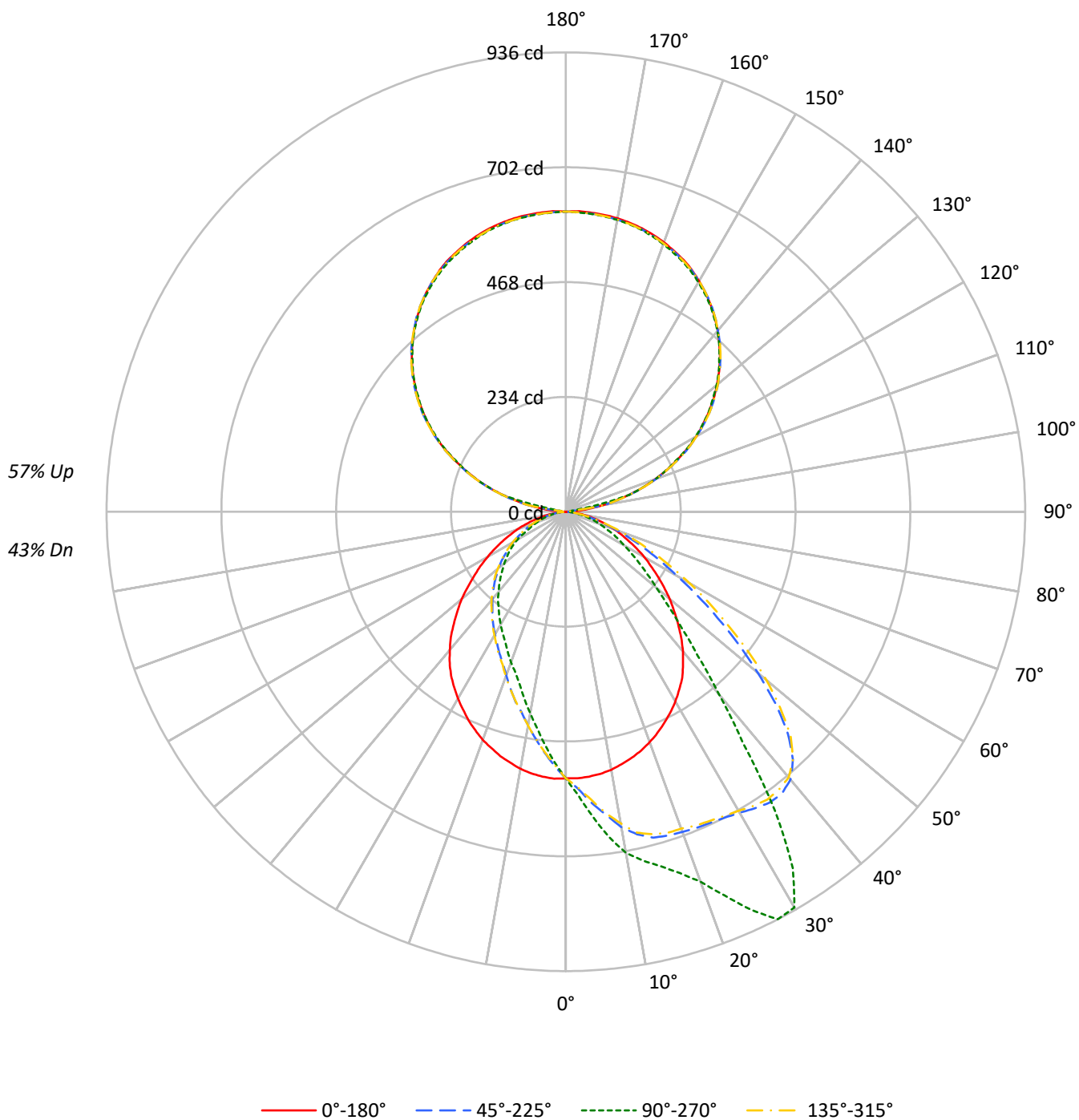
Lumens per Lamp: N/A
Luminaire Lumens: 3287.0 lumens
Efficiency: N/A
Efficacy: 125.5 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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

TEST NUMBER: P1034820

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1034820

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_2700K

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	50	30	10
RCR																				
0	105	105	105	105	96	96	96	96	79	79	79	64	64	64	50	50	50	43		
1	97	92	89	85	88	85	82	79	70	68	66	57	55	54	44	43	43	37		
2	88	81	75	70	80	74	69	65	62	58	55	50	48	45	39	38	36	31		
3	81	72	64	59	73	66	60	55	55	50	47	45	41	39	35	33	31	27		
4	74	63	56	50	67	58	52	47	49	44	40	40	36	33	32	29	27	23		
5	68	57	49	43	62	52	45	40	44	39	35	36	32	29	29	26	24	20		
6	62	51	43	37	57	47	40	35	39	34	30	32	29	26	26	23	21	18		
7	58	46	38	33	53	42	35	31	36	30	27	30	26	23	24	21	19	16		
8	54	42	34	29	49	38	32	27	33	27	24	27	23	20	22	19	17	14		
9	50	38	31	26	46	35	29	24	30	25	21	25	21	18	20	17	15	13		
10	47	35	28	23	43	32	26	22	27	22	19	23	19	16	19	16	14	12		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3480	3480	3480	3480
5°	3476	3921	3476	3014
10°	3457	4407	3445	2606
15°	3420	4662	3396	2268
20°	3374	5033	3344	2051
25°	3315	5697	3278	1861
30°	3255	6055	3206	1726
35°	3177	4980	3132	1599
40°	3039	3382	3013	1486
45°	2858	2431	2854	1374
50°	2671	1870	2684	1270
55°	2462	1520	2457	1171
60°	2267	1246	2256	1040
65°	2040	1038	2053	837
70°	1853	834	1844	696
75°	1565	632	1565	573
80°	1267	385	1254	385
85°	892	203	869	229

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 4953 cd/sqm

TEST NUMBER: P1034820

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.1	1.6
10°-20°	152.7	4.6
20°-30°	242.1	7.4
30°-40°	292.5	8.9
40°-50°	260.4	7.9
50°-60°	199.7	6.1
60°-70°	129.7	3.9
70°-80°	62.9	1.9
80°-90°	15.7	0.5
90°-100°	20.8	0.6
100°-110°	138.1	4.2
110°-120°	248.6	7.6
120°-130°	319.1	9.7
130°-140°	343.2	10.4
140°-150°	322.1	9.8
150°-160°	260.6	7.9
160°-170°	168.5	5.1
170°-180°	58.1	1.8
0°-30°	446.8	13.6
0°-40°	739.4	22.5
0°-60°	1199.5	36.5
0°-90°	1407.9	42.8
90°-120°	407.4	12.4
90°-150°	1391.9	42.3
90°-180°	1879.0	57.2
0°-180°	3287.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	543	543	543	543	543	
5°	542	622	542	478	542	51
15°	519	748	515	364	519	146
25°	474	895	469	292	474	219
35°	413	743	408	238	413	257
45°	323	332	323	188	323	249
55°	228	182	228	140	228	205
65°	142	103	143	83	142	142
75°	69	48	69	44	69	74
85°	16	10	15	12	16	18
90°	0	11	0	11	0	2
95°	26	10	26	10	26	32
105°	133	135	133	135	133	141
115°	250	248	250	248	250	248
125°	356	356	356	356	356	318
135°	444	442	444	442	444	342
145°	515	513	515	513	515	322
155°	567	563	567	563	567	261
165°	598	595	598	595	598	169
175°	612	609	612	609	612	58
180°	612	612	612	612	612	

TEST NUMBER: P1034820

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1
2.5°	543.5	548.0	549.3	552.9	556.9	557.8	560.0	563.1	564.9	564.5	564.5
5°	541.7	549.3	554.7	560.9	568.5	571.6	574.3	581.0	586.3	589.4	594.8
7.5°	538.6	549.8	558.7	568.0	579.6	585.0	590.8	600.1	610.0	616.2	622.0
10°	533.7	548.0	560.5	574.3	589.9	597.9	605.1	619.3	631.4	639.4	652.8
12.5°	526.6	544.4	561.8	580.1	599.7	608.2	618.0	633.6	650.5	662.1	673.3
15°	519.0	540.4	559.1	581.0	604.6	617.5	630.0	646.5	661.7	674.6	687.5
17.5°	510.1	532.8	556.0	581.0	607.7	620.7	631.4	651.0	667.0	680.0	691.6
20°	499.4	524.8	551.1	578.7	605.9	618.0	628.2	649.6	663.9	677.7	694.2
22.5°	487.8	515.4	543.5	570.7	597.5	610.4	622.4	641.2	656.8	675.5	696.9
25°	474.4	504.7	533.3	560.5	585.9	597.9	608.6	629.1	651.0	674.6	698.7
27.5°	461.0	490.5	518.1	543.1	570.7	581.9	592.6	618.4	644.3	669.3	702.3
30°	446.3	476.2	500.3	523.5	550.2	561.8	575.2	604.6	634.0	667.9	708.1
32.5°	429.8	457.0	479.3	503.4	527.5	541.7	558.7	590.8	624.7	665.2	716.5
35°	413.3	435.2	455.7	478.4	507.4	522.6	539.1	573.0	615.3	663.9	723.7
37.5°	392.4	413.3	429.4	452.6	482.4	500.3	516.8	556.0	604.2	660.8	723.2
40°	371.0	388.8	404.0	428.0	460.6	477.1	494.9	537.7	592.6	651.9	712.5
42.5°	347.8	362.9	379.4	402.6	434.3	450.3	470.8	520.8	576.5	639.4	684.9
45°	323.3	338.0	351.8	375.9	407.5	424.9	447.2	498.5	556.9	613.1	640.3
47.5°	299.2	312.1	326.8	347.8	379.9	399.1	421.8	476.6	530.6	577.9	580.1
50°	276.0	286.3	298.7	320.1	353.6	371.9	395.5	446.8	499.4	531.9	510.1
52.5°	251.9	261.3	274.2	292.9	324.2	345.6	366.1	417.3	461.5	483.3	443.2
55°	228.3	236.3	249.7	270.6	297.8	314.3	335.3	383.0	421.8	422.2	378.5
57.5°	205.1	212.2	223.4	242.1	267.5	286.7	305.9	347.3	373.6	366.1	317.5
60°	184.6	189.1	199.3	217.6	241.2	255.0	275.6	310.3	327.7	313.9	261.7
62.5°	163.2	167.6	175.7	190.4	212.7	227.4	240.3	268.9	280.9	259.9	217.1
65°	141.8	147.1	152.9	164.5	185.5	195.3	206.9	227.8	239.4	214.9	177.9
67.5°	123.1	125.7	131.5	143.6	158.3	167.2	175.2	189.5	191.7	172.1	141.8
70°	105.7	106.6	111.9	119.0	130.2	135.5	142.2	150.7	150.7	134.7	110.6
72.5°	86.1	87.4	91.4	99.0	105.7	108.3	110.6	115.9	115.0	100.3	83.8
75°	69.1	70.0	73.1	76.7	79.4	84.3	86.1	85.2	84.7	72.2	62.9
77.5°	53.5	54.0	56.2	59.3	59.7	61.5	60.2	60.2	56.2	49.0	44.1
80°	39.2	39.7	40.6	41.5	41.5	41.5	41.5	39.2	36.6	32.1	30.8
82.5°	26.3	26.3	26.8	27.6	27.2	26.3	25.4	23.2	21.4	20.1	19.2
85°	15.6	15.6	16.1	15.6	13.8	13.4	12.5	12.0	11.6	11.1	11.1
87.5°	7.6	7.1	6.2	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°	8.6	7.7	6.8	5.9	5.0	4.5	4.8	5.4	6.1	6.7	7.3
95°	25.8	25.5	25.2	24.9	24.6	24.5	22.6	18.8	14.9	11.1	7.3
97.5°	48.5	49.1	49.7	50.3	50.9	51.2	46.4	36.9	27.3	17.8	8.2
100°	75.7	76.0	76.3	76.6	76.9	77.1	77.3	77.7	78.1	78.5	78.9
102.5°	103.4	103.8	104.2	104.6	105.0	105.2	105.3	105.5	105.7	105.9	106.1
105°	133.3	133.7	134.1	134.5	134.9	135.1	135.1	135.1	135.1	135.1	135.1
107.5°	164.2	164.2	164.2	164.2	164.2	164.2	164.3	164.5	164.7	164.9	165.1
110°	194.1	194.1	194.1	194.1	194.1	194.1	194.2	194.4	194.6	194.8	195.0

TEST NUMBER: P1034820

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	222.2	222.5	222.8	223.1	223.4	223.6	223.6	223.7	223.8	223.9	224.0
115°	250.3	250.8	251.3	251.8	252.3	252.6	252.6	252.7	252.8	252.9	253.0
117.5°	279.8	279.8	279.8	279.8	279.8	279.8	280.0	280.4	280.8	281.2	281.6
120°	307.0	306.9	306.8	306.7	306.6	306.5	306.7	307.0	307.3	307.6	307.9
122.5°	331.0	331.5	332.0	332.5	333.0	333.3	333.4	333.5	333.6	333.7	333.8
125°	356.0	356.7	357.4	358.1	358.8	359.1	359.1	359.1	359.1	359.1	359.1
127.5°	380.0	380.5	381.0	381.5	382.0	382.3	382.2	382.1	382.0	381.9	381.8
130°	401.8	402.3	402.8	403.3	403.8	404.0	404.1	404.2	404.3	404.4	404.5
132.5°	423.5	424.1	424.7	425.4	426.0	426.3	426.1	425.8	425.5	425.2	424.9
135°	443.9	444.5	445.1	445.8	446.4	446.7	446.6	446.4	446.2	446.0	445.8
137.5°	463.0	463.6	464.2	464.8	465.4	465.7	465.6	465.4	465.2	465.0	464.8
140°	481.6	481.8	482.0	482.2	482.4	482.5	482.4	482.3	482.2	482.1	482.0
142.5°	498.4	498.5	498.6	498.7	498.8	498.8	498.9	499.1	499.3	499.5	499.7
145°	514.7	514.9	515.1	515.3	515.5	515.6	515.6	515.6	515.6	515.6	515.6
147.5°	529.2	529.2	529.2	529.2	529.2	529.2	529.2	529.3	529.4	529.5	529.6
150°	542.8	542.6	542.4	542.2	542.0	541.9	542.0	542.2	542.4	542.6	542.8
152.5°	555.9	555.4	554.9	554.4	553.9	553.7	553.8	554.0	554.2	554.4	554.6
155°	566.8	566.2	565.6	565.0	564.4	564.1	564.2	564.4	564.6	564.8	565.0
157.5°	575.4	575.1	574.8	574.5	574.2	574.1	574.1	574.1	574.1	574.1	574.1
160°	584.5	583.9	583.3	582.7	582.1	581.8	581.9	582.0	582.1	582.2	582.3
162.5°	591.8	591.2	590.6	590.0	589.4	589.1	589.1	589.2	589.3	589.4	589.5
165°	598.1	597.5	596.9	596.3	595.7	595.4	595.5	595.6	595.7	595.8	595.9
167.5°	603.1	602.5	601.9	601.3	600.7	600.4	600.4	600.5	600.6	600.7	600.8
170°	607.2	606.5	605.8	605.1	604.4	604.0	604.1	604.2	604.3	604.4	604.5
172.5°	609.9	609.2	608.5	607.8	607.1	606.7	606.8	607.0	607.2	607.4	607.6
175°	611.7	611.1	610.5	609.9	609.3	609.0	609.1	609.2	609.3	609.4	609.5
177.5°	613.1	612.5	611.9	611.3	610.7	610.4	610.4	610.5	610.6	610.7	610.8
180°	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7

TEST NUMBER: P1034820

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1
2.5°	566.7	569.8	572.5	571.2	576.5	576.1	577.0	578.7	579.2	578.3	576.5
5°	597.5	601.9	609.5	613.5	612.6	616.2	618.0	620.7	623.3	622.4	622.4
7.5°	631.8	638.0	645.6	655.9	657.2	660.3	665.7	665.7	668.8	667.5	667.0
10°	661.7	669.3	681.3	689.3	692.9	694.7	700.0	701.8	705.4	705.8	705.8
12.5°	686.2	699.6	707.6	715.6	717.4	720.1	724.1	726.8	728.1	728.1	726.8
15°	699.1	709.8	719.2	727.7	732.6	734.8	738.8	741.9	743.7	747.7	748.6
17.5°	704.5	717.4	732.6	744.6	753.1	755.3	763.3	766.0	769.6	771.4	773.6
20°	712.1	730.8	749.1	763.8	771.8	777.6	786.1	798.6	802.1	802.1	800.8
22.5°	718.8	742.8	767.8	791.4	798.1	809.7	825.3	838.7	844.0	846.3	844.5
25°	726.8	759.8	792.3	821.7	840.0	848.5	869.5	885.5	891.8	895.3	896.2
27.5°	740.6	782.1	823.5	861.0	879.7	889.5	911.4	925.2	932.8	935.9	933.7
30°	756.2	807.0	855.2	888.6	901.1	913.2	927.4	932.8	931.0	931.0	937.7
32.5°	772.3	824.9	867.7	889.5	894.0	892.2	886.4	870.3	861.0	861.0	866.8
35°	781.2	826.7	848.5	841.4	824.0	813.7	782.1	764.2	744.2	742.8	749.5
37.5°	776.3	795.9	787.0	740.2	716.5	696.9	647.4	627.8	613.1	592.6	624.2
40°	741.9	735.2	688.9	621.6	595.2	567.6	528.4	508.7	488.2	485.1	492.7
42.5°	684.0	644.3	576.5	511.4	484.7	465.0	435.2	416.0	403.1	397.7	406.6
45°	611.7	549.3	481.5	429.8	400.4	390.1	362.9	346.0	336.2	332.2	338.4
47.5°	523.5	460.6	396.4	352.7	335.3	325.0	306.8	292.0	283.6	280.9	283.6
50°	444.5	379.9	325.9	297.8	282.2	273.8	258.6	249.2	242.6	240.8	245.2
52.5°	376.3	317.5	276.4	251.5	241.2	234.1	223.4	215.4	211.3	209.6	212.7
55°	315.2	267.5	234.5	213.1	205.5	201.1	191.7	187.3	182.8	182.4	185.5
57.5°	261.3	228.3	198.0	182.8	180.6	173.9	165.9	161.9	159.6	159.2	160.5
60°	217.6	188.2	169.9	156.5	153.4	148.0	143.6	140.9	138.2	137.3	138.2
62.5°	181.0	157.8	143.1	134.2	129.7	128.4	123.5	120.4	119.9	119.9	120.8
65°	149.4	129.7	120.4	113.3	110.1	108.8	105.2	103.0	103.4	103.4	103.9
67.5°	121.7	107.5	99.0	95.4	92.7	92.3	88.7	87.8	86.9	86.9	87.8
70°	96.8	87.8	81.6	79.8	79.4	76.2	74.9	74.5	73.1	73.6	73.6
72.5°	75.8	70.0	66.4	63.8	64.2	62.4	60.6	60.6	59.7	61.1	61.1
75°	56.2	53.5	50.8	49.9	50.8	49.9	48.6	48.2	48.6	48.2	48.2
77.5°	41.5	40.1	39.2	38.8	38.8	37.0	36.1	37.0	35.2	36.1	36.1
80°	29.0	27.2	26.8	25.9	26.3	25.0	25.4	24.5	24.5	24.5	24.5
82.5°	18.3	17.8	17.8	17.8	17.4	17.4	17.4	17.4	17.4	17.4	16.9
85°	11.1	10.7	10.7	10.7	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	9.5	9.7	10.0	10.3	10.6	10.9	10.6
92.5°	7.8	8.3	8.8	9.3	9.5	9.6	9.7	9.8	9.9	10.0	9.9
95°	7.8	8.3	8.8	9.3	9.5	9.5	9.5	9.5	9.5	9.5	9.5
97.5°	8.4	8.6	8.8	9.0	9.1	9.1	9.2	9.3	9.4	9.5	9.4
100°	63.9	48.9	33.8	18.8	11.3	11.1	10.7	10.3	9.9	9.5	9.9
102.5°	106.3	106.5	106.7	106.9	107.0	102.8	94.3	85.8	77.4	68.9	77.4
105°	135.1	135.1	135.1	135.1	135.1	135.1	135.0	134.9	134.8	134.7	134.8
107.5°	165.2	165.3	165.4	165.5	165.5	165.3	164.9	164.5	164.1	163.7	164.1
110°	194.7	194.4	194.1	193.8	193.6	193.7	193.8	193.9	194.0	194.1	194.0

TEST NUMBER: P1034820

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	223.6	223.2	222.8	222.4	222.2	222.1	221.9	221.7	221.5	221.3	221.5
115°	252.6	252.2	251.8	251.4	251.2	250.9	250.3	249.7	249.1	248.5	249.1
117.5°	281.0	280.4	279.8	279.2	278.9	278.8	278.6	278.4	278.2	278.0	278.2
120°	307.7	307.5	307.3	307.1	307.0	306.7	306.2	305.7	305.2	304.7	305.2
122.5°	333.6	333.4	333.1	332.9	332.8	332.5	331.9	331.3	330.7	330.1	330.7
125°	358.7	358.3	357.9	357.5	357.3	357.2	356.9	356.6	356.3	356.0	356.3
127.5°	381.6	381.4	381.2	381.0	380.9	380.5	379.7	378.9	378.1	377.3	378.1
130°	404.2	403.9	403.6	403.3	403.1	402.9	402.4	401.9	401.4	400.9	401.4
132.5°	424.9	424.9	424.9	424.9	424.9	424.6	424.1	423.6	423.1	422.6	423.1
135°	445.6	445.4	445.2	445.0	444.9	444.6	444.0	443.3	442.7	442.1	442.7
137.5°	464.8	464.8	464.8	464.8	464.8	464.5	464.0	463.5	463.0	462.5	463.0
140°	482.2	482.4	482.6	482.8	482.9	482.6	482.0	481.4	480.8	480.2	480.8
142.5°	499.7	499.7	499.7	499.7	499.7	499.4	498.8	498.2	497.6	497.0	497.6
145°	515.7	515.8	515.9	516.0	516.0	515.7	515.1	514.5	513.9	513.3	513.9
147.5°	529.7	529.8	529.9	530.0	530.1	529.7	529.0	528.3	527.6	526.9	527.6
150°	543.0	543.2	543.4	543.6	543.7	543.3	542.5	541.7	540.9	540.1	540.9
152.5°	554.8	555.0	555.2	555.4	555.5	555.1	554.4	553.7	553.0	552.3	553.0
155°	565.3	565.6	565.9	566.2	566.4	566.0	565.2	564.4	563.6	562.8	563.6
157.5°	574.4	574.7	575.0	575.3	575.4	575.0	574.2	573.4	572.6	571.8	572.6
160°	582.7	583.1	583.5	583.9	584.1	583.7	582.9	582.0	581.2	580.4	581.2
162.5°	590.1	590.7	591.3	591.9	592.2	591.7	590.8	589.9	589.0	588.1	589.0
165°	596.5	597.1	597.7	598.3	598.6	598.2	597.4	596.5	595.7	594.9	595.7
167.5°	601.5	602.2	602.9	603.6	604.0	603.5	602.6	601.7	600.8	599.9	600.8
170°	605.3	606.1	606.9	607.7	608.1	607.6	606.7	605.8	604.9	604.0	604.9
172.5°	608.3	609.0	609.7	610.4	610.8	610.3	609.4	608.5	607.6	606.7	607.6
175°	610.3	611.1	611.9	612.7	613.1	612.6	611.7	610.8	609.9	609.0	609.9
177.5°	611.5	612.2	612.9	613.6	614.0	613.6	612.8	612.0	611.2	610.4	611.2
180°	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7

TEST NUMBER: P1034820

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1
2.5°	578.7	575.6	577.0	575.6	574.3	573.0	569.8	565.4	561.8	559.1	558.7
5°	623.3	619.3	616.6	615.3	612.6	609.1	603.3	596.6	588.6	585.4	579.2
7.5°	664.4	663.0	656.8	655.9	654.1	647.4	637.6	628.7	618.4	610.0	601.9
10°	703.1	700.0	695.6	689.3	688.4	680.0	670.6	658.1	644.7	636.7	622.4
12.5°	727.2	723.7	718.8	714.7	712.5	707.2	694.2	681.7	669.7	655.0	642.5
15°	744.6	740.2	731.2	728.1	725.4	718.3	708.9	696.0	680.0	669.7	651.9
17.5°	768.2	762.9	754.0	748.2	743.3	732.1	718.8	701.4	686.2	674.6	658.6
20°	795.4	787.4	775.8	768.2	761.1	748.2	729.5	708.9	687.1	672.8	656.3
22.5°	840.5	825.3	807.0	796.3	786.5	764.2	741.9	716.5	692.0	670.6	650.5
25°	884.2	869.0	846.3	831.6	816.4	790.5	761.1	725.9	694.7	669.7	643.4
27.5°	924.7	909.1	888.2	870.3	855.6	816.8	778.1	738.4	698.7	664.4	637.6
30°	934.1	927.4	911.4	895.8	882.4	846.7	801.7	751.3	703.6	659.5	629.6
32.5°	877.5	894.0	898.0	895.8	887.3	861.9	820.4	767.4	710.7	657.2	616.2
35°	759.8	789.6	820.4	836.9	844.9	848.5	824.0	775.4	715.6	653.7	607.3
37.5°	630.0	659.0	707.6	732.1	759.3	795.0	804.8	773.6	713.4	651.0	593.0
40°	517.7	554.7	594.8	617.1	640.7	704.9	753.5	750.0	706.3	641.2	581.9
42.5°	421.4	444.5	479.8	504.3	533.3	605.1	670.2	702.3	684.9	629.1	567.6
45°	351.4	369.2	394.2	419.1	437.0	502.1	579.2	631.8	648.3	607.7	545.8
47.5°	296.1	309.4	331.3	346.9	366.1	417.3	484.2	558.2	593.0	577.4	522.6
50°	253.7	264.4	281.8	291.6	308.5	352.7	403.5	481.1	533.7	535.5	491.8
52.5°	216.7	227.4	242.1	250.6	260.8	290.7	342.0	407.5	468.2	490.5	456.6
55°	188.6	194.8	206.9	213.6	222.9	251.9	284.5	340.2	403.5	440.1	418.7
57.5°	162.7	169.4	177.0	182.4	189.1	212.2	241.7	283.6	346.4	386.1	379.0
60°	141.8	145.8	152.9	156.9	163.2	178.4	198.9	240.8	290.7	328.2	332.2
62.5°	122.2	125.7	130.6	134.2	138.2	150.3	165.4	195.3	239.0	279.6	284.9
65°	105.2	108.3	111.0	114.1	117.3	124.8	137.8	161.0	194.8	232.7	244.3
67.5°	90.1	91.0	95.0	95.4	97.2	103.0	112.4	131.1	155.6	185.9	201.1
70°	75.4	77.1	78.0	79.4	81.1	85.2	92.7	102.6	120.8	145.4	159.6
72.5°	61.1	61.5	62.9	63.8	65.5	68.7	72.2	79.8	91.4	109.2	122.2
75°	48.6	49.0	49.9	50.4	51.7	52.6	54.4	59.7	67.8	78.5	87.8
77.5°	36.6	37.5	38.3	38.3	38.8	39.7	40.6	42.4	46.4	53.5	61.5
80°	25.0	25.4	25.4	25.9	25.4	26.8	28.1	30.3	32.1	34.3	38.3
82.5°	17.4	17.4	17.4	17.8	17.8	18.3	18.3	18.7	19.2	20.5	22.3
85°	10.7	10.7	11.1	10.3	10.7	11.1	11.1	10.7	11.1	11.6	12.0
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°	10.3	10.0	9.7	9.5	9.3	8.8	8.3	7.8	7.3	6.6	5.9
92.5°	9.8	9.7	9.6	9.5	9.3	8.8	8.3	7.8	7.3	6.7	6.1
95°	9.5	9.5	9.5	9.5	9.3	8.8	8.3	7.8	7.3	11.1	14.9
97.5°	9.3	9.2	9.1	9.1	9.0	8.8	8.6	8.4	8.2	17.8	27.3
100°	10.3	10.7	11.1	11.3	18.8	33.8	48.9	63.9	78.9	78.5	78.1
102.5°	85.8	94.3	102.8	107.0	106.9	106.7	106.5	106.3	106.1	105.9	105.7
105°	134.9	135.0	135.1	135.1	135.1	135.1	135.1	135.1	135.1	135.1	135.1
107.5°	164.5	164.9	165.3	165.5	165.5	165.4	165.3	165.2	165.1	164.9	164.7
110°	193.9	193.8	193.7	193.6	193.8	194.1	194.4	194.7	195.0	194.8	194.6

TEST NUMBER: P1034820

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	221.7	221.9	222.1	222.2	222.4	222.8	223.2	223.6	224.0	223.9	223.8
115°	249.7	250.3	250.9	251.2	251.4	251.8	252.2	252.6	253.0	252.9	252.8
117.5°	278.4	278.6	278.8	278.9	279.2	279.8	280.4	281.0	281.6	281.2	280.8
120°	305.7	306.2	306.7	307.0	307.1	307.3	307.5	307.7	307.9	307.6	307.3
122.5°	331.3	331.9	332.5	332.8	332.9	333.1	333.4	333.6	333.8	333.7	333.6
125°	356.6	356.9	357.2	357.3	357.5	357.9	358.3	358.7	359.1	359.1	359.1
127.5°	378.9	379.7	380.5	380.9	381.0	381.2	381.4	381.6	381.8	381.9	382.0
130°	401.9	402.4	402.9	403.1	403.3	403.6	403.9	404.2	404.5	404.4	404.3
132.5°	423.6	424.1	424.6	424.9	424.9	424.9	424.9	424.9	424.9	425.2	425.5
135°	443.3	444.0	444.6	444.9	445.0	445.2	445.4	445.6	445.8	446.0	446.2
137.5°	463.5	464.0	464.5	464.8	464.8	464.8	464.8	464.8	464.8	465.0	465.2
140°	481.4	482.0	482.6	482.9	482.8	482.6	482.4	482.2	482.0	482.1	482.2
142.5°	498.2	498.8	499.4	499.7	499.7	499.7	499.7	499.7	499.7	499.5	499.3
145°	514.5	515.1	515.7	516.0	516.0	515.9	515.8	515.7	515.6	515.6	515.6
147.5°	528.3	529.0	529.7	530.1	530.0	529.9	529.8	529.7	529.6	529.5	529.4
150°	541.7	542.5	543.3	543.7	543.6	543.4	543.2	543.0	542.8	542.6	542.4
152.5°	553.7	554.4	555.1	555.5	555.4	555.2	555.0	554.8	554.6	554.4	554.2
155°	564.4	565.2	566.0	566.4	566.2	565.9	565.6	565.3	565.0	564.8	564.6
157.5°	573.4	574.2	575.0	575.4	575.3	575.0	574.7	574.4	574.1	574.1	574.1
160°	582.0	582.9	583.7	584.1	583.9	583.5	583.1	582.7	582.3	582.2	582.1
162.5°	589.9	590.8	591.7	592.2	591.9	591.3	590.7	590.1	589.5	589.4	589.3
165°	596.5	597.4	598.2	598.6	598.3	597.7	597.1	596.5	595.9	595.8	595.7
167.5°	601.7	602.6	603.5	604.0	603.6	602.9	602.2	601.5	600.8	600.7	600.6
170°	605.8	606.7	607.6	608.1	607.7	606.9	606.1	605.3	604.5	604.4	604.3
172.5°	608.5	609.4	610.3	610.8	610.4	609.7	609.0	608.3	607.6	607.4	607.2
175°	610.8	611.7	612.6	613.1	612.7	611.9	611.1	610.3	609.5	609.4	609.3
177.5°	612.0	612.8	613.6	614.0	613.6	612.9	612.2	611.5	610.8	610.7	610.6
180°	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7

TEST NUMBER: P1034820

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1
2.5°	557.3	554.7	552.9	552.4	549.8	547.5	544.9	544.4	543.1	539.5	537.3
5°	574.7	568.5	567.2	563.1	556.5	551.5	545.3	541.7	537.7	531.0	525.7
7.5°	592.6	584.1	577.9	572.1	562.7	553.8	544.9	537.7	530.6	520.8	512.8
10°	610.0	597.0	589.4	581.0	568.0	554.7	542.2	531.9	520.3	508.7	497.2
12.5°	626.0	609.5	598.4	586.3	570.3	553.8	537.7	523.5	511.4	495.8	482.9
15°	635.8	617.5	606.4	594.8	570.7	552.4	533.7	515.4	499.4	482.9	470.8
17.5°	641.6	621.1	608.6	597.9	573.4	548.4	524.3	504.7	487.3	467.7	451.7
20°	638.9	618.9	607.3	597.0	568.5	543.5	517.7	494.9	473.1	453.0	436.1
22.5°	633.1	612.2	599.3	589.9	564.5	535.1	506.5	482.0	459.3	439.2	420.0
25°	620.7	600.1	589.0	577.4	552.4	524.3	495.4	469.1	445.0	423.6	402.2
27.5°	609.5	584.5	573.0	562.7	536.4	511.4	482.9	453.9	429.4	407.1	385.7
30°	596.6	568.5	556.0	542.2	518.6	494.9	466.4	439.6	414.2	390.6	370.1
32.5°	582.8	550.2	535.9	520.3	496.3	474.0	449.9	423.6	398.2	375.0	353.6
35°	564.9	530.1	513.6	498.9	474.0	451.7	429.4	407.5	382.1	357.6	337.1
37.5°	548.0	509.6	492.2	475.3	449.0	427.6	409.3	388.8	364.3	340.6	321.0
40°	528.8	484.7	466.8	451.2	424.0	400.4	383.9	367.8	346.4	323.7	302.3
42.5°	511.4	461.5	442.8	426.7	398.2	375.9	360.3	346.9	328.2	307.2	285.4
45°	487.3	436.5	417.3	400.4	371.4	350.5	334.4	322.8	308.1	288.5	268.9
47.5°	465.0	412.4	391.5	371.0	344.7	323.3	308.5	299.6	289.8	272.4	252.4
50°	437.9	384.8	363.4	346.4	316.6	298.3	283.6	277.3	268.4	251.9	235.9
52.5°	408.4	358.0	338.0	317.5	289.8	272.0	259.1	251.9	244.8	232.7	217.6
55°	374.1	328.2	309.4	291.2	263.5	247.0	235.4	227.8	223.8	212.7	201.5
57.5°	341.1	297.8	280.5	263.5	239.4	220.7	213.1	206.4	200.6	192.6	183.3
60°	307.7	268.4	249.7	234.5	213.6	196.6	190.4	183.7	179.2	173.0	166.3
62.5°	269.3	235.9	221.6	207.3	189.5	176.1	169.0	163.6	157.8	153.8	148.0
65°	228.7	205.1	191.3	180.6	163.6	151.6	146.2	142.7	137.8	133.8	129.3
67.5°	190.8	172.1	166.3	154.7	141.8	131.1	127.1	122.6	118.6	116.4	112.4
70°	154.3	140.9	135.1	132.0	117.7	110.6	107.0	105.2	100.3	98.1	95.4
72.5°	119.5	114.6	110.6	106.6	97.2	92.7	88.7	86.9	83.4	81.6	80.7
75°	88.3	85.2	82.9	82.5	78.5	74.0	70.0	69.1	66.4	64.7	63.8
77.5°	62.0	61.1	60.6	61.1	58.4	55.7	54.8	54.0	50.8	50.4	50.4
80°	40.6	42.8	42.8	42.4	41.5	41.0	39.7	38.8	37.0	36.6	37.0
82.5°	25.0	26.3	26.8	27.6	27.2	26.8	25.9	25.4	25.9	25.0	25.4
85°	12.5	13.4	15.2	15.2	15.6	15.6	15.6	15.2	14.3	14.7	14.3
87.5°	4.9	5.4	5.4	5.4	4.9	6.2	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°	5.4	4.8	4.5	5.0	5.9	6.8	7.7	8.6	7.7	6.8	5.9
95°	18.8	22.6	24.5	24.6	24.9	25.2	25.5	25.8	25.5	25.2	24.9
97.5°	36.9	46.4	51.2	50.9	50.3	49.7	49.1	48.5	49.1	49.7	50.3
100°	77.7	77.3	77.1	76.9	76.6	76.3	76.0	75.7	76.0	76.3	76.6
102.5°	105.5	105.3	105.2	105.0	104.6	104.2	103.8	103.4	103.8	104.2	104.6
105°	135.1	135.1	135.1	134.9	134.5	134.1	133.7	133.3	133.7	134.1	134.5
107.5°	164.5	164.3	164.2	164.2	164.2	164.2	164.2	164.2	164.2	164.2	164.2
110°	194.4	194.2	194.1	194.1	194.1	194.1	194.1	194.1	194.1	194.1	194.1

TEST NUMBER: P1034820

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	223.7	223.6	223.6	223.4	223.1	222.8	222.5	222.2	222.5	222.8	223.1
115°	252.7	252.6	252.6	252.3	251.8	251.3	250.8	250.3	250.8	251.3	251.8
117.5°	280.4	280.0	279.8	279.8	279.8	279.8	279.8	279.8	279.8	279.8	279.8
120°	307.0	306.7	306.5	306.6	306.7	306.8	306.9	307.0	306.9	306.8	306.7
122.5°	333.5	333.4	333.3	333.0	332.5	332.0	331.5	331.0	331.5	332.0	332.5
125°	359.1	359.1	359.1	358.8	358.1	357.4	356.7	356.0	356.7	357.4	358.1
127.5°	382.1	382.2	382.3	382.0	381.5	381.0	380.5	380.0	380.5	381.0	381.5
130°	404.2	404.1	404.0	403.8	403.3	402.8	402.3	401.8	402.3	402.8	403.3
132.5°	425.8	426.1	426.3	426.0	425.4	424.7	424.1	423.5	424.1	424.7	425.4
135°	446.4	446.6	446.7	446.4	445.8	445.1	444.5	443.9	444.5	445.1	445.8
137.5°	465.4	465.6	465.7	465.4	464.8	464.2	463.6	463.0	463.6	464.2	464.8
140°	482.3	482.4	482.5	482.4	482.2	482.0	481.8	481.6	481.8	482.0	482.2
142.5°	499.1	498.9	498.8	498.8	498.7	498.6	498.5	498.4	498.5	498.6	498.7
145°	515.6	515.6	515.6	515.5	515.3	515.1	514.9	514.7	514.9	515.1	515.3
147.5°	529.3	529.2	529.2	529.2	529.2	529.2	529.2	529.2	529.2	529.2	529.2
150°	542.2	542.0	541.9	542.0	542.2	542.4	542.6	542.8	542.6	542.4	542.2
152.5°	554.0	553.8	553.7	553.9	554.4	554.9	555.4	555.9	555.4	554.9	554.4
155°	564.4	564.2	564.1	564.4	565.0	565.6	566.2	566.8	566.2	565.6	565.0
157.5°	574.1	574.1	574.1	574.2	574.5	574.8	575.1	575.4	575.1	574.8	574.5
160°	582.0	581.9	581.8	582.1	582.7	583.3	583.9	584.5	583.9	583.3	582.7
162.5°	589.2	589.1	589.1	589.4	590.0	590.6	591.2	591.8	591.2	590.6	590.0
165°	595.6	595.5	595.4	595.7	596.3	596.9	597.5	598.1	597.5	596.9	596.3
167.5°	600.5	600.4	600.4	600.7	601.3	601.9	602.5	603.1	602.5	601.9	601.3
170°	604.2	604.1	604.0	604.4	605.1	605.8	606.5	607.2	606.5	605.8	605.1
172.5°	607.0	606.8	606.7	607.1	607.8	608.5	609.2	609.9	609.2	608.5	607.8
175°	609.2	609.1	609.0	609.3	609.9	610.5	611.1	611.7	611.1	610.5	609.9
177.5°	610.5	610.4	610.4	610.7	611.3	611.9	612.5	613.1	612.5	611.9	611.3
180°	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7

TEST NUMBER: P1034820

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1
2.5°	535.9	534.2	532.8	531.5	525.7	519.4	518.6	517.2	514.5	517.7	516.3
5°	522.1	518.1	515.9	510.1	502.9	497.6	493.1	487.8	485.6	483.8	483.3
7.5°	505.2	501.6	497.6	491.8	482.9	474.0	467.3	461.9	457.5	455.2	455.2
10°	488.7	484.2	478.9	469.1	460.6	449.4	442.3	437.0	430.7	427.1	424.0
12.5°	471.7	466.8	461.9	449.4	439.6	428.0	417.8	411.1	408.0	404.0	398.6
15°	454.8	447.2	442.3	429.8	417.3	405.7	399.1	391.9	384.8	380.8	379.0
17.5°	437.0	431.6	423.6	410.2	396.4	386.1	376.3	369.6	361.2	357.1	353.1
20°	420.9	412.9	404.9	391.5	378.1	364.3	354.5	346.4	341.1	338.0	334.4
22.5°	401.7	394.2	387.5	373.2	358.5	345.6	334.9	329.9	324.6	319.7	316.1
25°	385.2	377.7	371.0	355.4	339.3	327.3	319.2	313.0	307.2	305.0	301.4
27.5°	367.8	360.7	351.8	336.2	321.9	311.7	303.2	297.4	292.9	288.5	285.8
30°	351.4	343.3	335.3	318.4	306.8	296.5	288.5	281.3	277.8	275.6	271.1
32.5°	335.3	325.0	318.4	302.7	291.6	281.8	275.1	268.9	264.4	260.4	256.8
35°	317.9	306.8	300.1	287.1	275.6	265.7	259.9	255.5	250.1	246.6	244.8
37.5°	301.4	292.0	285.4	272.0	260.4	252.4	246.1	240.3	238.1	233.2	232.3
40°	283.6	275.6	269.3	256.4	245.7	239.4	232.7	227.4	223.4	221.2	218.0
42.5°	267.5	260.8	254.1	242.1	231.9	224.3	219.4	214.5	210.9	207.3	205.1
45°	252.8	245.7	239.4	227.8	217.6	210.9	206.0	200.2	199.3	194.4	192.2
47.5°	237.2	231.0	225.6	213.6	204.2	197.5	191.7	187.7	183.7	181.9	178.8
50°	222.0	215.8	209.6	198.9	190.4	183.7	177.9	173.4	171.2	168.5	165.9
52.5°	205.5	200.6	195.7	184.6	176.1	170.3	165.4	159.6	157.4	155.2	153.4
55°	191.7	184.6	179.2	169.9	162.3	156.1	150.7	146.2	144.0	142.2	140.0
57.5°	173.0	168.5	164.1	155.6	148.5	142.2	136.9	133.3	130.6	129.3	129.7
60°	156.9	152.0	149.4	140.5	133.3	128.4	123.5	119.9	117.3	115.9	115.5
62.5°	140.0	136.4	131.5	125.3	118.2	113.7	110.1	107.5	103.0	102.6	101.2
65°	123.5	120.8	116.4	110.6	104.8	100.8	96.8	93.2	91.4	89.2	87.8
67.5°	107.5	104.8	100.8	95.9	91.9	87.8	84.3	80.7	77.6	75.8	74.9
70°	91.9	89.6	86.9	81.1	76.2	73.1	70.4	68.2	65.1	64.2	63.8
72.5°	76.7	74.5	73.1	68.2	63.8	61.1	58.4	56.2	54.8	54.4	53.1
75°	62.9	60.6	58.9	54.4	51.7	49.9	47.3	46.4	45.0	44.6	44.1
77.5°	49.0	46.8	46.4	43.2	40.1	39.2	38.3	36.6	36.6	36.6	35.7
80°	35.2	34.8	34.3	31.2	29.9	29.0	28.5	27.2	26.3	25.4	25.0
82.5°	23.6	23.2	22.7	21.4	20.1	19.6	19.2	18.3	18.3	18.7	17.8
85°	14.3	13.4	12.9	12.5	11.6	11.6	12.0	11.6	11.6	11.6	11.1
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°	5.0	4.5	4.8	5.4	6.1	6.7	7.3	7.8	8.3	8.8	9.3
95°	24.6	24.5	22.6	18.8	14.9	11.1	7.3	7.8	8.3	8.8	9.3
97.5°	50.9	51.2	46.4	36.9	27.3	17.8	8.2	8.4	8.6	8.8	9.0
100°	76.9	77.1	77.3	77.7	78.1	78.5	78.9	63.9	48.9	33.8	18.8
102.5°	105.0	105.2	105.3	105.5	105.7	105.9	106.1	106.3	106.5	106.7	106.9
105°	134.9	135.1	135.1	135.1	135.1	135.1	135.1	135.1	135.1	135.1	135.1
107.5°	164.2	164.2	164.3	164.5	164.7	164.9	165.1	165.2	165.3	165.4	165.5
110°	194.1	194.1	194.2	194.4	194.6	194.8	195.0	194.7	194.4	194.1	193.8

TEST NUMBER: P1034820

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	223.4	223.6	223.6	223.7	223.8	223.9	224.0	223.6	223.2	222.8	222.4
115°	252.3	252.6	252.6	252.7	252.8	252.9	253.0	252.6	252.2	251.8	251.4
117.5°	279.8	279.8	280.0	280.4	280.8	281.2	281.6	281.0	280.4	279.8	279.2
120°	306.6	306.5	306.7	307.0	307.3	307.6	307.9	307.7	307.5	307.3	307.1
122.5°	333.0	333.3	333.4	333.5	333.6	333.7	333.8	333.6	333.4	333.1	332.9
125°	358.8	359.1	359.1	359.1	359.1	359.1	359.1	358.7	358.3	357.9	357.5
127.5°	382.0	382.3	382.2	382.1	382.0	381.9	381.8	381.6	381.4	381.2	381.0
130°	403.8	404.0	404.1	404.2	404.3	404.4	404.5	404.2	403.9	403.6	403.3
132.5°	426.0	426.3	426.1	425.8	425.5	425.2	424.9	424.9	424.9	424.9	424.9
135°	446.4	446.7	446.6	446.4	446.2	446.0	445.8	445.6	445.4	445.2	445.0
137.5°	465.4	465.7	465.6	465.4	465.2	465.0	464.8	464.8	464.8	464.8	464.8
140°	482.4	482.5	482.4	482.3	482.2	482.1	482.0	482.2	482.4	482.6	482.8
142.5°	498.8	498.8	498.9	499.1	499.3	499.5	499.7	499.7	499.7	499.7	499.7
145°	515.5	515.6	515.6	515.6	515.6	515.6	515.6	515.7	515.8	515.9	516.0
147.5°	529.2	529.2	529.2	529.3	529.4	529.5	529.6	529.7	529.8	529.9	530.0
150°	542.0	541.9	542.0	542.2	542.4	542.6	542.8	543.0	543.2	543.4	543.6
152.5°	553.9	553.7	553.8	554.0	554.2	554.4	554.6	554.8	555.0	555.2	555.4
155°	564.4	564.1	564.2	564.4	564.6	564.8	565.0	565.3	565.6	565.9	566.2
157.5°	574.2	574.1	574.1	574.1	574.1	574.1	574.1	574.4	574.7	575.0	575.3
160°	582.1	581.8	581.9	582.0	582.1	582.2	582.3	582.7	583.1	583.5	583.9
162.5°	589.4	589.1	589.1	589.2	589.3	589.4	589.5	590.1	590.7	591.3	591.9
165°	595.7	595.4	595.5	595.6	595.7	595.8	595.9	596.5	597.1	597.7	598.3
167.5°	600.7	600.4	600.4	600.5	600.6	600.7	600.8	601.5	602.2	602.9	603.6
170°	604.4	604.0	604.1	604.2	604.3	604.4	604.5	605.3	606.1	606.9	607.7
172.5°	607.1	606.7	606.8	607.0	607.2	607.4	607.6	608.3	609.0	609.7	610.4
175°	609.3	609.0	609.1	609.2	609.3	609.4	609.5	610.3	611.1	611.9	612.7
177.5°	610.7	610.4	610.4	610.5	610.6	610.7	610.8	611.5	612.2	612.9	613.6
180°	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7

TEST NUMBER: P1034820

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1
2.5°	514.1	515.0	512.8	511.9	510.1	512.3	512.8	512.3	516.3	514.5	515.4
5°	484.2	482.4	481.1	478.0	478.0	478.4	479.8	477.5	478.9	482.0	481.5
7.5°	451.2	450.3	450.8	447.2	444.5	445.4	444.5	448.6	450.8	449.9	451.7
10°	421.4	423.1	419.1	417.3	415.6	417.3	416.9	417.8	420.5	422.2	425.4
12.5°	397.3	396.8	394.6	392.8	389.7	390.6	393.3	392.4	392.8	396.8	396.4
15°	374.5	371.9	370.1	366.1	367.0	363.8	366.5	369.6	371.0	374.5	376.8
17.5°	351.8	351.4	349.1	348.7	343.8	342.4	345.1	346.0	347.3	349.1	352.2
20°	332.6	332.2	329.1	328.2	324.2	326.8	325.9	327.7	328.6	332.2	333.5
22.5°	315.2	313.0	312.1	310.8	309.4	309.0	310.8	310.3	313.5	314.8	315.2
25°	299.2	297.4	297.0	294.7	293.8	292.5	293.8	295.2	298.7	300.1	301.9
27.5°	284.5	283.1	282.2	280.5	279.1	279.1	280.0	281.8	283.1	284.0	284.9
30°	271.1	270.2	267.5	266.6	265.3	265.3	265.3	266.2	268.4	271.1	272.4
32.5°	257.3	255.5	253.7	253.7	252.4	252.4	252.8	253.7	255.9	256.4	258.6
35°	243.9	242.1	240.8	239.9	240.3	238.5	239.4	240.8	243.4	244.3	245.7
37.5°	231.0	230.5	227.8	226.5	227.4	227.4	227.0	227.8	229.6	231.4	232.3
40°	216.7	215.8	215.8	214.5	214.9	213.1	214.5	215.4	216.2	218.0	219.4
42.5°	204.2	203.3	201.5	202.0	200.6	200.6	201.5	202.0	203.3	205.5	206.4
45°	190.8	190.8	189.9	188.6	189.1	187.7	188.6	189.1	190.8	193.1	192.2
47.5°	177.9	177.5	177.5	175.7	176.6	175.2	176.6	177.0	177.9	179.2	178.8
50°	165.4	164.1	164.5	164.1	163.6	163.6	164.5	164.5	165.4	165.4	166.8
52.5°	152.5	152.5	151.6	152.0	152.9	152.0	153.4	152.0	152.9	153.4	154.3
55°	140.9	140.0	140.5	140.0	141.8	140.5	141.8	140.9	141.8	141.3	142.2
57.5°	128.4	127.1	127.5	127.1	128.4	128.0	129.3	128.0	128.4	128.9	130.2
60°	114.1	114.1	114.1	113.3	114.6	114.6	114.1	114.1	115.9	116.8	116.4
62.5°	100.8	100.3	99.0	98.5	99.0	98.1	99.9	99.4	100.3	101.2	102.1
65°	86.1	85.2	84.7	83.8	83.8	83.4	83.8	85.6	86.1	86.5	88.7
67.5°	74.0	73.6	73.1	71.8	71.8	72.7	72.7	72.7	75.4	74.0	75.8
70°	63.3	62.4	61.5	61.1	61.1	61.5	62.0	62.4	62.0	63.8	64.2
72.5°	53.1	53.5	52.6	52.6	52.6	52.2	52.2	53.1	53.5	53.1	53.5
75°	44.1	44.1	43.7	44.1	44.1	43.7	43.7	44.6	44.6	44.1	45.5
77.5°	35.7	35.2	34.3	33.4	33.9	33.4	33.9	33.4	34.8	36.1	35.2
80°	25.0	24.5	24.5	24.5	25.0	24.5	25.4	24.5	25.0	25.0	25.4
82.5°	17.8	18.3	18.3	17.8	18.3	17.8	18.3	18.3	18.3	17.8	18.3
85°	11.6	11.6	11.6	11.6	11.1	11.6	11.6	11.6	12.0	11.6	12.0
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°	9.5	9.7	10.0	10.3	10.6	10.9	10.6	10.3	10.0	9.7	9.5
92.5°	9.5	9.6	9.7	9.8	9.9	10.0	9.9	9.8	9.7	9.6	9.5
95°	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
97.5°	9.1	9.1	9.2	9.3	9.4	9.5	9.4	9.3	9.2	9.1	9.1
100°	11.3	11.1	10.7	10.3	9.9	9.5	9.9	10.3	10.7	11.1	11.3
102.5°	107.0	102.8	94.3	85.8	77.4	68.9	77.4	85.8	94.3	102.8	107.0
105°	135.1	135.1	135.0	134.9	134.8	134.7	134.8	134.9	135.0	135.1	135.1
107.5°	165.5	165.3	164.9	164.5	164.1	163.7	164.1	164.5	164.9	165.3	165.5
110°	193.6	193.7	193.8	193.9	194.0	194.1	194.0	193.9	193.8	193.7	193.6

TEST NUMBER: P1034820

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	222.2	222.1	221.9	221.7	221.5	221.3	221.5	221.7	221.9	222.1	222.2
115°	251.2	250.9	250.3	249.7	249.1	248.5	249.1	249.7	250.3	250.9	251.2
117.5°	278.9	278.8	278.6	278.4	278.2	278.0	278.2	278.4	278.6	278.8	278.9
120°	307.0	306.7	306.2	305.7	305.2	304.7	305.2	305.7	306.2	306.7	307.0
122.5°	332.8	332.5	331.9	331.3	330.7	330.1	330.7	331.3	331.9	332.5	332.8
125°	357.3	357.2	356.9	356.6	356.3	356.0	356.3	356.6	356.9	357.2	357.3
127.5°	380.9	380.5	379.7	378.9	378.1	377.3	378.1	378.9	379.7	380.5	380.9
130°	403.1	402.9	402.4	401.9	401.4	400.9	401.4	401.9	402.4	402.9	403.1
132.5°	424.9	424.6	424.1	423.6	423.1	422.6	423.1	423.6	424.1	424.6	424.9
135°	444.9	444.6	444.0	443.3	442.7	442.1	442.7	443.3	444.0	444.6	444.9
137.5°	464.8	464.5	464.0	463.5	463.0	462.5	463.0	463.5	464.0	464.5	464.8
140°	482.9	482.6	482.0	481.4	480.8	480.2	480.8	481.4	482.0	482.6	482.9
142.5°	499.7	499.4	498.8	498.2	497.6	497.0	497.6	498.2	498.8	499.4	499.7
145°	516.0	515.7	515.1	514.5	513.9	513.3	513.9	514.5	515.1	515.7	516.0
147.5°	530.1	529.7	529.0	528.3	527.6	526.9	527.6	528.3	529.0	529.7	530.1
150°	543.7	543.3	542.5	541.7	540.9	540.1	540.9	541.7	542.5	543.3	543.7
152.5°	555.5	555.1	554.4	553.7	553.0	552.3	553.0	553.7	554.4	555.1	555.5
155°	566.4	566.0	565.2	564.4	563.6	562.8	563.6	564.4	565.2	566.0	566.4
157.5°	575.4	575.0	574.2	573.4	572.6	571.8	572.6	573.4	574.2	575.0	575.4
160°	584.1	583.7	582.9	582.0	581.2	580.4	581.2	582.0	582.9	583.7	584.1
162.5°	592.2	591.7	590.8	589.9	589.0	588.1	589.0	589.9	590.8	591.7	592.2
165°	598.6	598.2	597.4	596.5	595.7	594.9	595.7	596.5	597.4	598.2	598.6
167.5°	604.0	603.5	602.6	601.7	600.8	599.9	600.8	601.7	602.6	603.5	604.0
170°	608.1	607.6	606.7	605.8	604.9	604.0	604.9	605.8	606.7	607.6	608.1
172.5°	610.8	610.3	609.4	608.5	607.6	606.7	607.6	608.5	609.4	610.3	610.8
175°	613.1	612.6	611.7	610.8	609.9	609.0	609.9	610.8	611.7	612.6	613.1
177.5°	614.0	613.6	612.8	612.0	611.2	610.4	611.2	612.0	612.8	613.6	614.0
180°	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7

TEST NUMBER: P1034820

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1
2.5°	513.6	515.9	514.1	512.8	516.3	518.1	518.1	521.2	524.3	527.0	527.5
5°	482.0	485.6	486.5	486.0	491.4	494.0	499.8	502.9	507.4	510.5	514.1
7.5°	453.0	457.9	458.4	459.3	467.3	471.7	476.6	484.7	490.9	495.4	499.4
10°	424.0	427.1	430.3	434.3	442.3	449.9	457.0	465.5	473.5	478.0	483.8
12.5°	402.2	404.4	408.0	410.7	419.1	425.8	435.2	446.8	458.4	461.9	469.1
15°	379.4	380.8	387.9	390.6	397.7	408.9	414.7	425.8	438.3	445.0	453.0
17.5°	353.1	361.2	365.6	368.7	377.7	386.6	395.9	407.5	423.6	429.8	435.6
20°	334.4	340.2	345.1	349.1	357.1	370.5	379.0	388.4	403.5	410.7	419.1
22.5°	317.9	322.8	327.3	331.7	337.1	349.1	358.9	371.9	387.0	393.7	403.5
25°	302.3	307.2	309.9	315.2	322.4	330.8	342.4	354.0	369.2	376.8	386.1
27.5°	287.1	292.0	297.0	301.4	306.3	314.3	322.4	337.1	352.7	361.6	369.6
30°	274.2	276.4	280.9	285.8	290.7	298.3	307.7	317.9	335.7	343.8	353.6
32.5°	259.9	264.0	267.1	270.6	276.9	283.1	291.6	304.5	318.8	326.4	337.1
35°	246.6	250.1	252.4	258.6	262.6	269.3	277.8	289.4	301.4	309.9	319.2
37.5°	233.6	237.2	239.9	243.4	248.8	254.6	263.5	272.0	286.3	293.4	304.1
40°	220.3	223.4	226.5	230.5	235.4	242.6	247.9	258.6	270.2	278.2	286.3
42.5°	207.3	209.1	212.7	217.1	222.0	228.3	235.9	244.3	255.9	263.1	270.2
45°	193.5	196.6	200.6	203.8	208.2	214.5	221.2	228.7	240.3	247.5	255.0
47.5°	180.6	182.8	185.5	190.4	196.2	200.6	207.8	214.9	225.6	232.3	239.4
50°	167.2	169.4	173.4	176.6	181.0	186.8	193.5	201.1	211.3	215.8	222.9
52.5°	154.7	155.6	159.6	162.7	167.2	173.9	179.2	185.9	195.7	200.6	207.8
55°	142.2	143.1	145.4	148.5	153.4	158.7	164.5	172.1	180.6	185.0	191.7
57.5°	129.3	130.2	132.4	134.7	139.6	144.5	151.2	157.4	165.9	169.9	176.1
60°	116.4	116.4	118.6	121.7	125.3	129.7	135.5	143.1	149.4	154.3	158.7
62.5°	102.6	103.9	105.2	107.5	111.5	116.8	121.7	127.1	134.7	138.2	142.2
65°	88.7	90.1	92.7	95.0	98.1	101.7	107.9	112.4	118.2	122.2	125.7
67.5°	76.7	78.0	79.8	82.5	84.7	88.7	93.2	97.6	103.9	106.6	109.2
70°	64.2	65.5	66.9	70.4	72.7	75.8	78.9	83.4	88.7	90.5	92.7
72.5°	54.4	54.8	56.6	57.5	60.6	63.3	66.9	69.6	73.6	75.8	77.6
75°	45.9	45.9	46.4	47.3	49.0	50.8	53.5	56.2	59.7	61.1	63.3
77.5°	36.1	37.5	37.0	37.9	38.8	39.7	41.9	43.7	47.3	48.2	49.0
80°	25.9	26.3	27.6	29.0	29.0	30.3	31.7	32.1	34.3	35.7	35.7
82.5°	18.7	19.2	18.7	19.2	19.6	20.1	21.4	23.2	23.2	23.6	24.5
85°	11.6	11.6	12.0	12.5	12.5	12.0	12.9	12.5	12.9	13.8	13.8
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	5.4	4.8	4.5	5.0
95°	9.3	8.8	8.3	7.8	7.3	11.1	14.9	18.8	22.6	24.5	24.6
97.5°	9.0	8.8	8.6	8.4	8.2	17.8	27.3	36.9	46.4	51.2	50.9
100°	18.8	33.8	48.9	63.9	78.9	78.5	78.1	77.7	77.3	77.1	76.9
102.5°	106.9	106.7	106.5	106.3	106.1	105.9	105.7	105.5	105.3	105.2	105.0
105°	135.1	135.1	135.1	135.1	135.1	135.1	135.1	135.1	135.1	135.1	134.9
107.5°	165.5	165.4	165.3	165.2	165.1	164.9	164.7	164.5	164.3	164.2	164.2
110°	193.8	194.1	194.4	194.7	195.0	194.8	194.6	194.4	194.2	194.1	194.1

TEST NUMBER: P1034820

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	222.4	222.8	223.2	223.6	224.0	223.9	223.8	223.7	223.6	223.6	223.4
115°	251.4	251.8	252.2	252.6	253.0	252.9	252.8	252.7	252.6	252.6	252.3
117.5°	279.2	279.8	280.4	281.0	281.6	281.2	280.8	280.4	280.0	279.8	279.8
120°	307.1	307.3	307.5	307.7	307.9	307.6	307.3	307.0	306.7	306.5	306.6
122.5°	332.9	333.1	333.4	333.6	333.8	333.7	333.6	333.5	333.4	333.3	333.0
125°	357.5	357.9	358.3	358.7	359.1	359.1	359.1	359.1	359.1	359.1	358.8
127.5°	381.0	381.2	381.4	381.6	381.8	381.9	382.0	382.1	382.2	382.3	382.0
130°	403.3	403.6	403.9	404.2	404.5	404.4	404.3	404.2	404.1	404.0	403.8
132.5°	424.9	424.9	424.9	424.9	424.9	425.2	425.5	425.8	426.1	426.3	426.0
135°	445.0	445.2	445.4	445.6	445.8	446.0	446.2	446.4	446.6	446.7	446.4
137.5°	464.8	464.8	464.8	464.8	464.8	465.0	465.2	465.4	465.6	465.7	465.4
140°	482.8	482.6	482.4	482.2	482.0	482.1	482.2	482.3	482.4	482.5	482.4
142.5°	499.7	499.7	499.7	499.7	499.7	499.5	499.3	499.1	498.9	498.8	498.8
145°	516.0	515.9	515.8	515.7	515.6	515.6	515.6	515.6	515.6	515.6	515.5
147.5°	530.0	529.9	529.8	529.7	529.6	529.5	529.4	529.3	529.2	529.2	529.2
150°	543.6	543.4	543.2	543.0	542.8	542.6	542.4	542.2	542.0	541.9	542.0
152.5°	555.4	555.2	555.0	554.8	554.6	554.4	554.2	554.0	553.8	553.7	553.9
155°	566.2	565.9	565.6	565.3	565.0	564.8	564.6	564.4	564.2	564.1	564.4
157.5°	575.3	575.0	574.7	574.4	574.1	574.1	574.1	574.1	574.1	574.1	574.2
160°	583.9	583.5	583.1	582.7	582.3	582.2	582.1	582.0	581.9	581.8	582.1
162.5°	591.9	591.3	590.7	590.1	589.5	589.4	589.3	589.2	589.1	589.1	589.4
165°	598.3	597.7	597.1	596.5	595.9	595.8	595.7	595.6	595.5	595.4	595.7
167.5°	603.6	602.9	602.2	601.5	600.8	600.7	600.6	600.5	600.4	600.4	600.7
170°	607.7	606.9	606.1	605.3	604.5	604.4	604.3	604.2	604.1	604.0	604.4
172.5°	610.4	609.7	609.0	608.3	607.6	607.4	607.2	607.0	606.8	606.7	607.1
175°	612.7	611.9	611.1	610.3	609.5	609.4	609.3	609.2	609.1	609.0	609.3
177.5°	613.6	612.9	612.2	611.5	610.8	610.7	610.6	610.5	610.4	610.4	610.7
180°	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7

TEST NUMBER: P1034820

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	543.1	543.1	543.1	543.1
2.5°	530.6	534.6	538.6	543.5
5°	519.9	527.0	534.6	541.7
7.5°	508.3	518.6	528.4	538.6
10°	495.4	508.3	519.4	533.7
12.5°	481.1	494.9	510.5	526.6
15°	466.8	484.2	500.7	519.0
17.5°	453.5	470.0	488.2	510.1
20°	437.4	455.7	476.2	499.4
22.5°	420.5	440.5	462.8	487.8
25°	406.2	426.7	448.1	474.4
27.5°	390.6	412.0	432.9	461.0
30°	372.8	395.9	417.3	446.3
32.5°	355.8	379.0	402.6	429.8
35°	339.3	362.1	385.7	413.3
37.5°	323.7	344.2	367.4	392.4
40°	309.0	327.7	348.2	371.0
42.5°	290.3	312.1	331.3	347.8
45°	274.2	292.0	309.9	323.3
47.5°	255.5	273.3	288.5	299.2
50°	239.9	254.1	266.6	276.0
52.5°	221.2	234.5	244.8	251.9
55°	202.9	214.5	223.4	228.3
57.5°	186.4	194.0	200.6	205.1
60°	168.1	173.9	179.7	184.6
62.5°	148.5	154.7	157.8	163.2
65°	131.1	135.1	140.0	141.8
67.5°	114.1	116.4	119.5	123.1
70°	96.3	97.6	100.8	105.7
72.5°	80.7	82.0	84.3	86.1
75°	64.2	65.5	67.3	69.1
77.5°	50.4	50.8	51.7	53.5
80°	36.6	37.9	38.8	39.2
82.5°	25.4	25.9	25.9	26.3
85°	16.1	15.2	15.2	15.6
87.5°	5.8	6.7	6.7	7.6
90°	2.9	2.1	1.3	0.5
92.5°	5.9	6.8	7.7	8.6
95°	24.9	25.2	25.5	25.8
97.5°	50.3	49.7	49.1	48.5
100°	76.6	76.3	76.0	75.7
102.5°	104.6	104.2	103.8	103.4
105°	134.5	134.1	133.7	133.3
107.5°	164.2	164.2	164.2	164.2
110°	194.1	194.1	194.1	194.1

TEST NUMBER: P1034820

CATALOG NUMBER: S125RDIW-B375D470UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	223.1	222.8	222.5	222.2
115°	251.8	251.3	250.8	250.3
117.5°	279.8	279.8	279.8	279.8
120°	306.7	306.8	306.9	307.0
122.5°	332.5	332.0	331.5	331.0
125°	358.1	357.4	356.7	356.0
127.5°	381.5	381.0	380.5	380.0
130°	403.3	402.8	402.3	401.8
132.5°	425.4	424.7	424.1	423.5
135°	445.8	445.1	444.5	443.9
137.5°	464.8	464.2	463.6	463.0
140°	482.2	482.0	481.8	481.6
142.5°	498.7	498.6	498.5	498.4
145°	515.3	515.1	514.9	514.7
147.5°	529.2	529.2	529.2	529.2
150°	542.2	542.4	542.6	542.8
152.5°	554.4	554.9	555.4	555.9
155°	565.0	565.6	566.2	566.8
157.5°	574.5	574.8	575.1	575.4
160°	582.7	583.3	583.9	584.5
162.5°	590.0	590.6	591.2	591.8
165°	596.3	596.9	597.5	598.1
167.5°	601.3	601.9	602.5	603.1
170°	605.1	605.8	606.5	607.2
172.5°	607.8	608.5	609.2	609.9
175°	609.9	610.5	611.1	611.7
177.5°	611.3	611.9	612.5	613.1
180°	611.7	611.7	611.7	611.7

(END OF REPORT)