

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: P1027186

Luminaire Tested: S125RDIP-B375D610UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027186
REPORT IS A COMBINATION OF REPORTS P1005447 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIP-B375D610UB2750-4F0-XX-W2A-A_3500K
Description: Define 5 Regressed Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721}
{m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

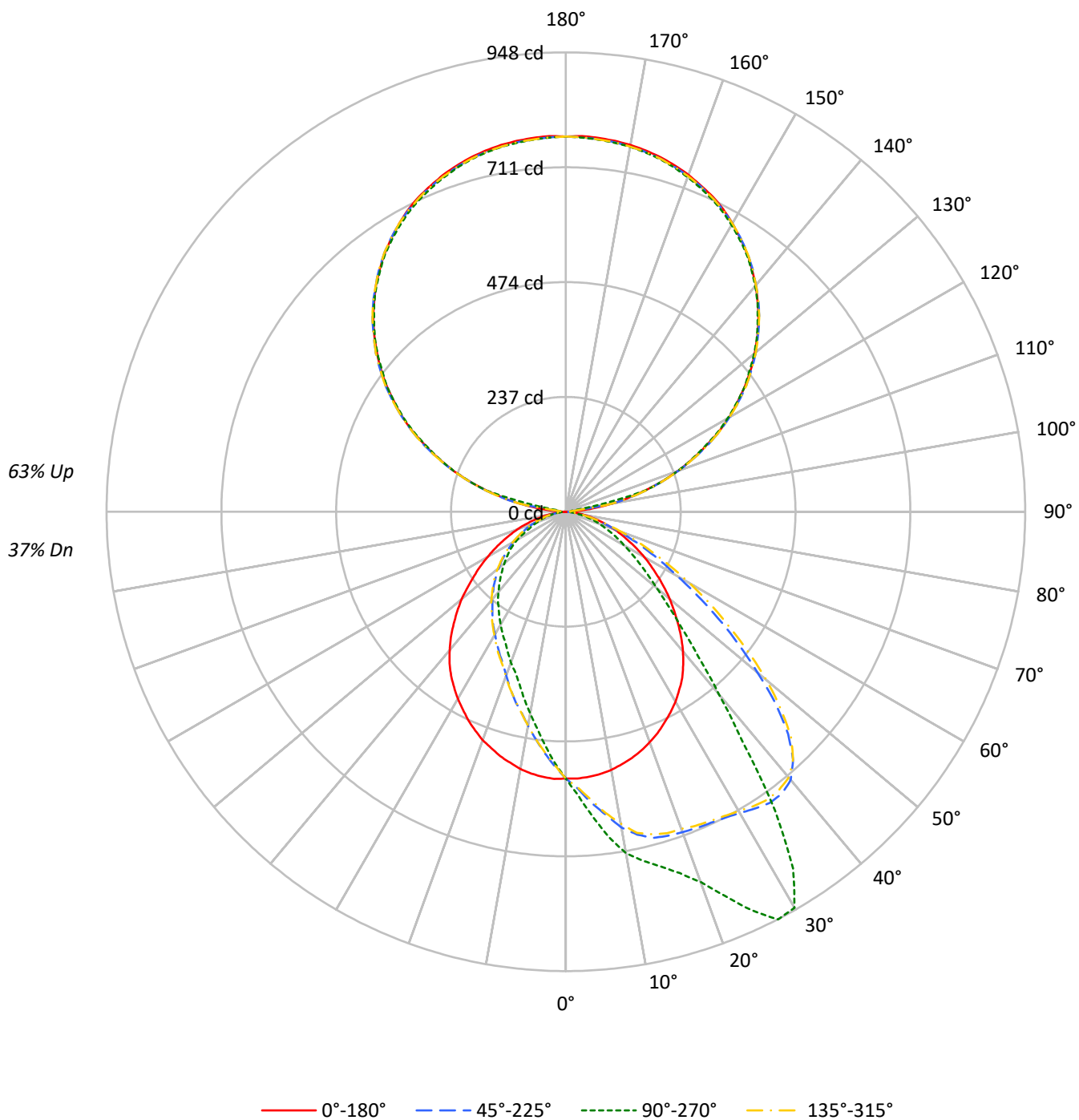
Lumens per Lamp: N/A
Luminaire Lumens: 3806.0 lumens
Efficiency: N/A
Efficacy: 134.0 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 28.4
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	104	104	104	104	94	94	94	94	76	76	76	60	60	60	45	45	45
1	95	91	88	84	86	83	80	77	67	65	63	53	52	50	40	39	38
2	87	80	74	69	79	73	68	64	59	56	53	47	45	43	36	34	33
3	80	70	63	58	72	64	58	53	53	48	45	42	39	36	32	30	28
4	73	62	55	49	66	57	50	45	47	42	38	37	34	31	28	26	24
5	67	56	48	42	60	51	44	39	42	37	33	34	30	27	26	23	21
6	62	50	42	36	56	46	39	34	38	33	29	30	27	24	23	21	19
7	57	45	37	32	52	41	35	30	34	29	25	28	24	21	21	19	17
8	53	41	33	28	48	37	31	26	31	26	22	25	21	19	20	17	15
9	49	37	30	25	44	34	28	23	28	24	20	23	19	17	18	15	14
10	46	34	27	22	42	31	25	21	26	21	18	21	18	15	17	14	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3526	3526	3526	3526
5°	3524	3974	3524	3055
10°	3504	4467	3492	2641
15°	3466	4725	3442	2299
20°	3420	5101	3389	2078
25°	3360	5774	3322	1886
30°	3299	6137	3250	1749
35°	3220	5047	3175	1621
40°	3080	3428	3054	1506
45°	2896	2464	2892	1392
50°	2707	1895	2721	1287
55°	2496	1540	2490	1186
60°	2298	1263	2287	1053
65°	2068	1052	2081	848
70°	1877	845	1869	707
75°	1585	640	1585	581
80°	1286	391	1270	391
85°	903	205	880	231

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 5020 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.8	1.4
10°-20°	154.7	4.1
20°-30°	245.4	6.4
30°-40°	296.5	7.8
40°-50°	264.0	6.9
50°-60°	202.4	5.3
60°-70°	131.5	3.5
70°-80°	63.8	1.7
80°-90°	16.2	0.4
90°-100°	26.3	0.7
100°-110°	174.8	4.6
110°-120°	314.7	8.3
120°-130°	404.0	10.6
130°-140°	434.5	11.4
140°-150°	407.8	10.7
150°-160°	329.9	8.7
160°-170°	213.3	5.6
170°-180°	73.6	1.9
0°-30°	452.9	11.9
0°-40°	749.4	19.7
0°-60°	1215.7	31.9
0°-90°	1427.2	37.5
90°-120°	515.8	13.6
90°-150°	1762.1	46.3
90°-180°	2379.0	62.5
0°-180°	3806.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	550	550	550	550	550	
5°	549	631	549	485	549	52
15°	526	758	522	369	526	148
25°	481	907	475	296	481	222
35°	419	753	413	242	419	261
45°	328	337	327	190	328	253
55°	231	185	231	142	231	207
65°	144	105	145	84	144	144
75°	70	49	70	44	70	75
85°	16	10	15	12	16	18
90°	1	14	1	14	1	3
95°	33	12	33	12	33	40
105°	169	170	169	170	169	179
115°	317	315	317	315	317	314
125°	451	451	451	451	451	403
135°	562	560	562	560	562	433
145°	652	650	652	650	652	408
155°	718	712	718	712	718	331
165°	757	753	757	753	757	214
175°	774	771	774	771	774	74
180°	774	774	774	774	774	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4
2.5°	550.9	555.4	556.7	560.4	564.4	565.3	567.6	570.7	572.6	572.1	572.1
5°	549.1	556.7	562.2	568.5	576.2	579.3	582.0	588.8	594.2	597.4	602.8
7.5°	545.9	557.2	566.2	575.7	587.5	592.9	598.8	608.3	618.2	624.5	630.4
10°	540.9	555.4	568.0	582.0	597.9	606.0	613.2	627.7	639.9	648.0	661.6
12.5°	533.7	551.8	569.4	587.9	607.8	616.4	626.3	642.1	659.3	671.1	682.4
15°	526.0	547.7	566.7	588.8	612.8	625.9	638.5	655.3	670.6	683.7	696.8
17.5°	517.0	540.0	563.5	588.8	615.9	629.0	639.9	659.8	676.0	689.1	700.9
20°	506.1	531.9	558.5	586.6	614.1	626.3	636.7	658.4	672.9	686.9	703.6
22.5°	494.4	522.4	550.9	578.4	605.5	618.6	630.8	649.8	665.6	684.6	706.3
25°	480.8	511.5	540.5	568.0	593.8	606.0	616.8	637.6	659.8	683.7	708.1
27.5°	467.3	497.1	525.1	550.4	578.4	589.7	600.6	626.8	653.0	678.3	711.7
30°	452.3	482.6	507.0	530.5	557.6	569.4	582.9	612.8	642.6	676.9	717.6
32.5°	435.6	463.2	485.8	510.2	534.6	549.1	566.2	598.8	633.1	674.2	726.2
35°	418.9	441.1	461.8	484.9	514.3	529.6	546.3	580.7	623.6	672.9	733.4
37.5°	397.7	418.9	435.2	458.7	489.0	507.0	523.7	563.5	612.3	669.7	733.0
40°	376.0	394.1	409.4	433.8	466.8	483.5	501.6	545.0	600.6	660.7	722.1
42.5°	352.5	367.8	384.6	408.1	440.1	456.4	477.2	527.8	584.3	648.0	694.1
45°	327.6	342.5	356.5	380.9	413.0	430.7	453.3	505.2	564.4	621.4	648.9
47.5°	303.2	316.3	331.2	352.5	385.0	404.4	427.5	483.1	537.8	585.7	587.9
50°	279.7	290.1	302.8	324.5	358.4	376.9	400.8	452.8	506.1	539.1	517.0
52.5°	255.3	264.8	277.9	296.9	328.5	350.2	371.0	423.0	467.7	489.9	449.2
55°	231.4	239.5	253.1	274.3	301.9	318.6	339.8	388.2	427.5	427.9	383.7
57.5°	207.9	215.1	226.4	245.4	271.1	290.6	310.0	352.0	378.7	371.0	321.8
60°	187.1	191.6	202.0	220.5	244.5	258.5	279.3	314.5	332.1	318.1	265.3
62.5°	165.4	169.9	178.0	193.0	215.6	230.5	243.6	272.5	284.7	263.5	220.1
65°	143.7	149.1	155.0	166.7	188.0	197.9	209.7	230.9	242.7	217.8	180.3
67.5°	124.7	127.4	133.3	145.5	160.4	169.5	177.6	192.1	194.3	174.4	143.7
70°	107.1	108.0	113.4	120.7	132.0	137.4	144.2	152.7	152.7	136.5	112.1
72.5°	87.2	88.6	92.6	100.3	107.1	109.8	112.1	117.5	116.6	101.7	85.0
75°	70.0	70.9	74.1	77.7	80.4	85.4	87.2	86.3	85.9	73.2	63.7
77.5°	54.2	54.7	56.9	60.1	60.6	62.4	61.0	61.0	56.9	49.7	44.7
80°	39.8	40.2	41.1	42.0	42.0	42.0	42.0	39.8	37.1	32.5	31.2
82.5°	26.7	26.7	27.1	28.0	27.6	26.7	25.8	23.5	21.7	20.3	19.4
85°	15.8	15.8	16.3	15.8	14.0	13.6	12.7	12.2	11.7	11.3	11.3
87.5°	7.7	7.2	6.3	5.4	5.4	5.4	5.4	5.4	5.4	5.0	5.0
90°	0.6	1.6	2.6	3.7	4.7	5.2	5.6	6.5	7.4	8.3	9.2
92.5°	10.9	9.7	8.6	7.4	6.3	5.7	6.1	6.9	7.6	8.4	9.2
95°	32.7	32.3	31.9	31.6	31.2	31.0	28.6	23.7	18.9	14.0	9.2
97.5°	61.4	62.2	63.0	63.7	64.5	64.9	58.8	46.7	34.6	22.4	10.3
100°	95.9	96.3	96.7	97.0	97.4	97.6	97.9	98.4	98.9	99.4	99.9
102.5°	130.9	131.4	131.9	132.4	132.9	133.2	133.3	133.6	133.8	134.1	134.3
105°	168.8	169.3	169.8	170.3	170.8	171.1	171.1	171.1	171.1	171.1	171.1
107.5°	207.8	207.8	207.8	207.8	207.8	207.8	207.9	208.2	208.5	208.7	209.0
110°	245.7	245.7	245.7	245.7	245.7	245.7	245.8	246.1	246.3	246.6	246.8



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	281.3	281.7	282.1	282.4	282.8	283.0	283.1	283.2	283.3	283.5	283.6
115°	316.9	317.5	318.2	318.8	319.5	319.8	319.9	320.0	320.1	320.2	320.3
117.5°	354.2	354.2	354.2	354.2	354.2	354.2	354.5	355.0	355.5	356.0	356.5
120°	388.6	388.5	388.4	388.3	388.2	388.1	388.3	388.7	389.0	389.4	389.8
122.5°	419.1	419.7	420.3	421.0	421.6	421.9	422.0	422.1	422.2	422.4	422.5
125°	450.6	451.5	452.4	453.3	454.2	454.7	454.7	454.7	454.7	454.7	454.7
127.5°	481.1	481.7	482.3	483.0	483.6	483.9	483.8	483.7	483.6	483.5	483.4
130°	508.6	509.2	509.9	510.5	511.2	511.5	511.6	511.7	511.8	512.0	512.1
132.5°	536.2	537.0	537.7	538.5	539.2	539.6	539.4	539.0	538.7	538.3	537.9
135°	562.0	562.8	563.6	564.3	565.1	565.5	565.4	565.1	564.8	564.6	564.3
137.5°	586.1	586.9	587.7	588.4	589.2	589.6	589.5	589.2	588.9	588.7	588.4
140°	609.7	609.9	610.2	610.4	610.7	610.8	610.7	610.6	610.5	610.3	610.2
142.5°	630.9	631.0	631.2	631.3	631.4	631.5	631.6	631.9	632.1	632.4	632.6
145°	651.6	651.8	652.1	652.3	652.6	652.7	652.7	652.7	652.7	652.7	652.7
147.5°	669.9	669.9	669.9	669.9	669.9	669.9	670.0	670.1	670.2	670.4	670.5
150°	687.2	686.9	686.7	686.4	686.1	686.0	686.1	686.4	686.7	686.9	687.2
152.5°	703.8	703.2	702.5	701.9	701.2	700.9	701.0	701.3	701.6	701.8	702.1
155°	717.6	716.8	716.0	715.3	714.5	714.1	714.2	714.5	714.8	715.0	715.3
157.5°	728.5	728.1	727.7	727.4	727.0	726.8	726.8	726.8	726.8	726.8	726.8
160°	740.0	739.2	738.4	737.7	736.9	736.5	736.6	736.7	736.8	737.0	737.1
162.5°	749.2	748.4	747.6	746.9	746.1	745.7	745.8	745.9	746.0	746.2	746.3
165°	757.2	756.4	755.7	754.9	754.2	753.8	753.9	754.0	754.1	754.2	754.3
167.5°	763.5	762.7	762.0	761.2	760.5	760.1	760.2	760.3	760.4	760.5	760.6
170°	768.7	767.8	766.9	766.0	765.1	764.7	764.8	764.9	765.0	765.1	765.2
172.5°	772.1	771.2	770.3	769.4	768.5	768.1	768.2	768.5	768.8	769.0	769.3
175°	774.4	773.6	772.9	772.1	771.4	771.0	771.1	771.2	771.3	771.4	771.5
177.5°	776.1	775.3	774.6	773.8	773.1	772.7	772.8	772.9	773.0	773.2	773.3
180°	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4
2.5°	574.4	577.5	580.2	578.9	584.3	583.9	584.8	586.6	587.0	586.1	584.3
5°	605.5	610.1	617.7	621.8	620.9	624.5	626.3	629.0	631.8	630.8	630.8
7.5°	640.3	646.7	654.3	664.7	666.1	669.3	674.7	674.7	677.8	676.5	676.0
10°	670.6	678.3	690.5	698.6	702.2	704.1	709.5	711.3	714.9	715.4	715.4
12.5°	695.5	709.0	717.2	725.3	727.1	729.8	733.9	736.6	737.9	737.9	736.6
15°	708.6	719.4	728.9	737.5	742.5	744.7	748.8	752.0	753.8	757.8	758.7
17.5°	714.0	727.1	742.5	754.7	763.3	765.5	773.6	776.4	780.0	781.8	784.0
20°	721.7	740.7	759.2	774.1	782.2	788.1	796.7	809.3	813.0	813.0	811.6
22.5°	728.5	752.9	778.2	802.1	808.9	820.6	836.5	850.0	855.4	857.7	855.9
25°	736.6	770.0	803.0	832.8	851.4	860.0	881.2	897.5	903.8	907.4	908.3
27.5°	750.6	792.6	834.7	872.6	891.6	901.5	923.7	937.7	945.4	948.5	946.3
30°	766.4	817.9	866.7	900.6	913.3	925.5	939.9	945.4	943.6	943.6	950.3
32.5°	782.7	836.0	879.4	901.5	906.1	904.2	898.4	882.1	872.6	872.6	878.5
35°	791.7	837.8	860.0	852.7	835.1	824.7	792.6	774.6	754.2	752.9	759.6
37.5°	786.8	806.6	797.6	750.1	726.2	706.3	656.2	636.3	621.4	600.6	632.7
40°	752.0	745.2	698.2	629.9	603.3	575.3	535.5	515.6	494.8	491.7	499.3
42.5°	693.2	653.0	584.3	518.3	491.2	471.3	441.1	421.6	408.5	403.1	412.1
45°	620.0	556.7	488.0	435.6	405.8	395.4	367.8	350.7	340.7	336.7	343.0
47.5°	530.5	466.8	401.7	357.5	339.8	329.4	310.9	296.0	287.4	284.7	287.4
50°	450.5	385.0	330.3	301.9	286.1	277.5	262.1	252.6	245.8	244.0	248.5
52.5°	381.4	321.8	280.2	254.9	244.5	237.2	226.4	218.3	214.2	212.4	215.6
55°	319.5	271.1	237.7	216.0	208.3	203.8	194.3	189.8	185.3	184.8	188.0
57.5°	264.8	231.4	200.6	185.3	183.0	176.2	168.1	164.0	161.8	161.3	162.7
60°	220.5	190.7	172.2	158.6	155.5	150.0	145.5	142.8	140.1	139.2	140.1
62.5°	183.5	160.0	145.1	136.0	131.5	130.1	125.2	122.0	121.6	121.6	122.5
65°	151.4	131.5	122.0	114.8	111.6	110.3	106.6	104.4	104.8	104.8	105.3
67.5°	123.4	108.9	100.3	96.7	94.0	93.5	89.9	89.0	88.1	88.1	89.0
70°	98.1	89.0	82.7	80.9	80.4	77.3	75.9	75.5	74.1	74.6	74.6
72.5°	76.8	70.9	67.3	64.6	65.1	63.3	61.5	61.5	60.6	61.9	61.9
75°	56.9	54.2	51.5	50.6	51.5	50.6	49.3	48.8	49.3	48.8	48.8
77.5°	42.0	40.7	39.8	39.3	39.3	37.5	36.6	37.5	35.7	36.6	36.6
80°	29.4	27.6	27.1	26.2	26.7	25.3	25.8	24.9	24.9	24.9	24.9
82.5°	18.5	18.1	18.1	18.1	17.6	17.6	17.6	17.6	17.6	17.6	17.2
85°	11.3	10.8	10.8	10.8	10.4	10.4	10.4	10.4	10.4	10.4	10.4
87.5°	4.5	5.0	5.0	5.4	5.0	4.5	4.5	4.5	5.0	5.0	4.5
90°	9.8	10.5	11.1	11.8	12.1	12.3	12.7	13.0	13.4	13.8	13.4
92.5°	9.8	10.5	11.1	11.8	12.1	12.2	12.3	12.4	12.5	12.6	12.5
95°	9.8	10.5	11.1	11.8	12.1	12.1	12.1	12.1	12.1	12.1	12.1
97.5°	10.6	10.8	11.1	11.4	11.5	11.6	11.7	11.8	12.0	12.1	12.0
100°	80.9	61.9	42.9	23.9	14.4	14.1	13.6	13.1	12.6	12.1	12.6
102.5°	134.6	134.8	135.1	135.4	135.5	130.1	119.4	108.7	98.0	87.3	98.0
105°	171.1	171.1	171.1	171.1	171.1	171.0	170.9	170.8	170.6	170.5	170.6
107.5°	209.1	209.2	209.3	209.4	209.5	209.2	208.7	208.2	207.7	207.2	207.7
110°	246.4	246.0	245.7	245.3	245.1	245.2	245.3	245.4	245.6	245.7	245.6

TEST NUMBER: P1027186

CATALOG NUMBER: S125RDIP-B375D610UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	283.1	282.6	282.1	281.6	281.3	281.2	280.9	280.6	280.4	280.1	280.4
115°	319.8	319.3	318.8	318.3	318.0	317.6	316.9	316.1	315.4	314.6	315.4
117.5°	355.7	355.0	354.2	353.5	353.1	353.0	352.7	352.4	352.2	351.9	352.2
120°	389.5	389.3	389.0	388.7	388.6	388.3	387.7	387.0	386.4	385.8	386.4
122.5°	422.3	422.0	421.8	421.5	421.4	421.0	420.2	419.5	418.7	417.9	418.7
125°	454.2	453.7	453.2	452.7	452.4	452.2	451.8	451.4	451.0	450.6	451.0
127.5°	483.1	482.9	482.6	482.3	482.2	481.7	480.7	479.6	478.6	477.6	478.6
130°	511.7	511.3	510.9	510.5	510.3	510.0	509.4	508.7	508.1	507.5	508.1
132.5°	537.9	537.9	537.9	537.9	537.9	537.6	536.9	536.3	535.6	535.0	535.6
135°	564.1	563.8	563.6	563.3	563.2	562.8	562.0	561.3	560.5	559.7	560.5
137.5°	588.4	588.4	588.4	588.4	588.4	588.1	587.5	586.8	586.2	585.6	586.2
140°	610.5	610.7	611.0	611.3	611.4	611.0	610.2	609.5	608.7	607.9	608.7
142.5°	632.6	632.6	632.6	632.6	632.6	632.2	631.5	630.7	630.0	629.2	630.0
145°	652.8	653.0	653.1	653.2	653.3	652.9	652.1	651.4	650.6	649.8	650.6
147.5°	670.6	670.8	670.9	671.0	671.1	670.7	669.8	668.9	668.0	667.1	668.0
150°	687.4	687.7	687.9	688.2	688.3	687.8	686.8	685.7	684.7	683.7	684.7
152.5°	702.3	702.6	702.8	703.1	703.2	702.8	701.9	701.0	700.1	699.2	700.1
155°	715.7	716.1	716.4	716.8	717.0	716.5	715.5	714.4	713.4	712.4	713.4
157.5°	727.2	727.6	727.9	728.3	728.5	728.0	727.0	725.9	724.9	723.9	724.9
160°	737.6	738.1	738.6	739.1	739.4	738.9	737.9	736.8	735.8	734.8	735.8
162.5°	747.1	747.8	748.6	749.3	749.7	749.1	748.0	746.9	745.7	744.6	745.7
165°	755.1	755.9	756.6	757.4	757.8	757.3	756.3	755.2	754.2	753.2	754.2
167.5°	761.5	762.4	763.3	764.2	764.7	764.1	763.0	761.8	760.7	759.5	760.7
170°	766.2	767.2	768.3	769.3	769.8	769.2	768.1	767.0	765.8	764.7	765.8
172.5°	770.2	771.1	772.0	772.9	773.3	772.7	771.6	770.4	769.3	768.1	769.3
175°	772.5	773.5	774.6	775.6	776.1	775.5	774.4	773.3	772.1	771.0	772.1
177.5°	774.2	775.1	776.0	776.9	777.3	776.8	775.8	774.7	773.7	772.7	773.7
180°	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4

TEST NUMBER: P1027186

CATALOG NUMBER: S125RDIP-B375D610UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4
2.5°	586.6	583.4	584.8	583.4	582.0	580.7	577.5	573.0	569.4	566.7	566.2
5°	631.8	627.7	625.0	623.6	620.9	617.3	611.4	604.6	596.5	593.3	587.0
7.5°	673.3	672.0	665.6	664.7	662.9	656.2	646.2	637.2	626.8	618.2	610.1
10°	712.6	709.5	705.0	698.6	697.7	689.1	679.7	667.0	653.4	645.3	630.8
12.5°	737.0	733.4	728.5	724.4	722.1	716.7	703.6	691.0	678.7	663.8	651.2
15°	754.7	750.1	741.1	737.9	735.2	728.0	718.5	705.4	689.1	678.7	660.7
17.5°	778.6	773.2	764.2	758.3	753.3	742.0	728.5	710.8	695.5	683.7	667.5
20°	806.2	798.0	786.3	778.6	771.4	758.3	739.3	718.5	696.4	681.9	665.2
22.5°	851.8	836.5	817.9	807.1	797.1	774.6	752.0	726.2	701.3	679.7	659.3
25°	896.1	880.7	857.7	842.8	827.4	801.2	771.4	735.7	704.1	678.7	652.1
27.5°	937.2	921.4	900.2	882.1	867.2	827.9	788.6	748.3	708.1	673.3	646.2
30°	946.7	939.9	923.7	907.9	894.3	858.2	812.5	761.4	713.1	668.4	638.1
32.5°	889.3	906.1	910.1	907.9	899.3	873.5	831.5	777.7	720.3	666.1	624.5
35°	770.0	800.3	831.5	848.2	856.3	860.0	835.1	785.8	725.3	662.5	615.5
37.5°	638.5	667.9	717.2	742.0	769.6	805.7	815.7	784.0	723.0	659.8	601.0
40°	524.7	562.2	602.8	625.4	649.4	714.4	763.7	760.1	715.8	649.8	589.7
42.5°	427.0	450.5	486.2	511.1	540.5	613.2	679.2	711.7	694.1	637.6	575.3
45°	356.1	374.2	399.5	424.8	442.9	508.8	587.0	640.3	657.1	615.9	553.1
47.5°	300.1	313.6	335.8	351.6	371.0	423.0	490.8	565.8	601.0	585.2	529.6
50°	257.1	268.0	285.6	295.5	312.7	357.5	409.0	487.6	540.9	542.7	498.4
52.5°	219.6	230.5	245.4	254.0	264.4	294.6	346.6	413.0	474.5	497.1	462.7
55°	191.2	197.5	209.7	216.5	225.9	255.3	288.3	344.8	409.0	446.0	424.3
57.5°	164.9	171.7	179.4	184.8	191.6	215.1	244.9	287.4	351.1	391.3	384.1
60°	143.7	147.8	155.0	159.1	165.4	180.8	201.5	244.0	294.6	332.6	336.7
62.5°	123.8	127.4	132.4	136.0	140.1	152.3	167.7	197.9	242.2	283.3	288.8
65°	106.6	109.8	112.5	115.7	118.8	126.5	139.6	163.1	197.5	235.9	247.6
67.5°	91.3	92.2	96.3	96.7	98.5	104.4	113.9	132.9	157.7	188.4	203.8
70°	76.4	78.2	79.1	80.4	82.2	86.3	94.0	103.9	122.5	147.3	161.8
72.5°	61.9	62.4	63.7	64.6	66.4	69.6	73.2	80.9	92.6	110.7	123.8
75°	49.3	49.7	50.6	51.1	52.4	53.3	55.1	60.6	68.7	79.5	89.0
77.5°	37.1	38.0	38.9	38.9	39.3	40.2	41.1	42.9	47.0	54.2	62.4
80°	25.3	25.8	25.8	26.2	25.8	27.1	28.5	30.7	32.5	34.8	38.9
82.5°	17.6	17.6	17.6	18.1	18.1	18.5	18.5	19.0	19.4	20.8	22.6
85°	10.8	10.8	11.3	10.4	10.8	11.3	11.3	10.8	11.3	11.7	12.2
87.5°	4.5	4.5	5.0	5.0	5.0	5.0	4.5	5.0	4.5	5.0	5.0
90°	13.0	12.7	12.3	12.1	11.8	11.1	10.5	9.8	9.2	8.3	7.4
92.5°	12.4	12.3	12.2	12.1	11.8	11.1	10.5	9.8	9.2	8.4	7.6
95°	12.1	12.1	12.1	12.1	11.8	11.1	10.5	9.8	9.2	14.0	18.9
97.5°	11.8	11.7	11.6	11.5	11.4	11.1	10.8	10.6	10.3	22.4	34.6
100°	13.1	13.6	14.1	14.4	23.9	42.9	61.9	80.9	99.9	99.4	98.9
102.5°	108.7	119.4	130.1	135.5	135.4	135.1	134.8	134.6	134.3	134.1	133.8
105°	170.8	170.9	171.0	171.1	171.1	171.1	171.1	171.1	171.1	171.1	171.1
107.5°	208.2	208.7	209.2	209.5	209.4	209.3	209.2	209.1	209.0	208.7	208.5
110°	245.4	245.3	245.2	245.1	245.3	245.7	246.0	246.4	246.8	246.6	246.3

TEST NUMBER: P1027186

CATALOG NUMBER: S125RDIP-B375D610UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	280.6	280.9	281.2	281.3	281.6	282.1	282.6	283.1	283.6	283.5	283.3
115°	316.1	316.9	317.6	318.0	318.3	318.8	319.3	319.8	320.3	320.2	320.1
117.5°	352.4	352.7	353.0	353.1	353.5	354.2	355.0	355.7	356.5	356.0	355.5
120°	387.0	387.7	388.3	388.6	388.7	389.0	389.3	389.5	389.8	389.4	389.0
122.5°	419.5	420.2	421.0	421.4	421.5	421.8	422.0	422.3	422.5	422.4	422.2
125°	451.4	451.8	452.2	452.4	452.7	453.2	453.7	454.2	454.7	454.7	454.7
127.5°	479.6	480.7	481.7	482.2	482.3	482.6	482.9	483.1	483.4	483.5	483.6
130°	508.7	509.4	510.0	510.3	510.5	510.9	511.3	511.7	512.1	512.0	511.8
132.5°	536.3	536.9	537.6	537.9	537.9	537.9	537.9	537.9	537.9	538.3	538.7
135°	561.3	562.0	562.8	563.2	563.3	563.6	563.8	564.1	564.3	564.6	564.8
137.5°	586.8	587.5	588.1	588.4	588.4	588.4	588.4	588.4	588.4	588.7	588.9
140°	609.5	610.2	611.0	611.4	611.3	611.0	610.7	610.5	610.2	610.3	610.5
142.5°	630.7	631.5	632.2	632.6	632.6	632.6	632.6	632.6	632.6	632.4	632.1
145°	651.4	652.1	652.9	653.3	653.2	653.1	653.0	652.8	652.7	652.7	652.7
147.5°	668.9	669.8	670.7	671.1	671.0	670.9	670.8	670.6	670.5	670.4	670.2
150°	685.7	686.8	687.8	688.3	688.2	687.9	687.7	687.4	687.2	686.9	686.7
152.5°	701.0	701.9	702.8	703.2	703.1	702.8	702.6	702.3	702.1	701.8	701.6
155°	714.4	715.5	716.5	717.0	716.8	716.4	716.1	715.7	715.3	715.0	714.8
157.5°	725.9	727.0	728.0	728.5	728.3	727.9	727.6	727.2	726.8	726.8	726.8
160°	736.8	737.9	738.9	739.4	739.1	738.6	738.1	737.6	737.1	737.0	736.8
162.5°	746.9	748.0	749.1	749.7	749.3	748.6	747.8	747.1	746.3	746.2	746.0
165°	755.2	756.3	757.3	757.8	757.4	756.6	755.9	755.1	754.3	754.2	754.1
167.5°	761.8	763.0	764.1	764.7	764.2	763.3	762.4	761.5	760.6	760.5	760.4
170°	767.0	768.1	769.2	769.8	769.3	768.3	767.2	766.2	765.2	765.1	765.0
172.5°	770.4	771.6	772.7	773.3	772.9	772.0	771.1	770.2	769.3	769.0	768.8
175°	773.3	774.4	775.5	776.1	775.6	774.6	773.5	772.5	771.5	771.4	771.3
177.5°	774.7	775.8	776.8	777.3	776.9	776.0	775.1	774.2	773.3	773.2	773.0
180°	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4

TEST NUMBER: P1027186

CATALOG NUMBER: S125RDIP-B375D610UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4
2.5°	564.9	562.2	560.4	559.9	557.2	554.9	552.2	551.8	550.4	546.8	544.5
5°	582.5	576.2	574.8	570.7	564.0	559.0	552.7	549.1	545.0	538.2	532.8
7.5°	600.6	592.0	585.7	579.8	570.3	561.3	552.2	545.0	537.8	527.8	519.7
10°	618.2	605.1	597.4	588.8	575.7	562.2	549.5	539.1	527.4	515.6	503.9
12.5°	634.5	617.7	606.4	594.2	578.0	561.3	545.0	530.5	518.3	502.5	489.4
15°	644.4	625.9	614.6	602.8	578.4	559.9	540.9	522.4	506.1	489.4	477.2
17.5°	650.3	629.5	616.8	606.0	581.1	555.8	531.4	511.5	493.9	474.0	457.8
20°	647.6	627.2	615.5	605.1	576.2	550.9	524.7	501.6	479.5	459.1	442.0
22.5°	641.7	620.5	607.3	597.9	572.1	542.3	513.4	488.5	465.5	445.1	425.7
25°	629.0	608.3	597.0	585.2	559.9	531.4	502.1	475.4	451.0	429.3	407.6
27.5°	617.7	592.4	580.7	570.3	543.6	518.3	489.4	460.0	435.2	412.6	390.9
30°	604.6	576.2	563.5	549.5	525.6	501.6	472.7	445.6	419.8	395.9	375.1
32.5°	590.6	557.6	543.2	527.4	503.0	480.4	456.0	429.3	403.5	380.0	358.4
35°	572.6	537.3	520.6	505.7	480.4	457.8	435.2	413.0	387.3	362.4	341.6
37.5°	555.4	516.5	498.9	481.7	455.1	433.4	414.8	394.1	369.2	345.2	325.4
40°	535.9	491.2	473.1	457.3	429.8	405.8	389.1	372.8	351.1	328.1	306.4
42.5°	518.3	467.7	448.7	432.5	403.5	380.9	365.1	351.6	332.6	311.4	289.2
45°	493.9	442.4	423.0	405.8	376.4	355.2	338.9	327.2	312.3	292.4	272.5
47.5°	471.3	418.0	396.8	376.0	349.3	327.6	312.7	303.7	293.7	276.1	255.8
50°	443.8	390.0	368.3	351.1	320.8	302.3	287.4	281.1	272.0	255.3	239.1
52.5°	413.9	362.9	342.5	321.8	293.7	275.7	262.6	255.3	248.1	235.9	220.5
55°	379.1	332.6	313.6	295.1	267.1	250.4	238.6	230.9	226.9	215.6	204.3
57.5°	345.7	301.9	284.2	267.1	242.7	223.7	216.0	209.2	203.4	195.2	185.7
60°	311.8	272.0	253.1	237.7	216.5	199.3	193.0	186.2	181.7	175.3	168.6
62.5°	272.9	239.1	224.6	210.1	192.1	178.5	171.3	165.8	160.0	155.9	150.0
65°	231.8	207.9	193.9	183.0	165.8	153.6	148.2	144.6	139.6	135.6	131.1
67.5°	193.4	174.4	168.6	156.8	143.7	132.9	128.8	124.3	120.2	117.9	113.9
70°	156.4	142.8	136.9	133.8	119.3	112.1	108.5	106.6	101.7	99.4	96.7
72.5°	121.1	116.1	112.1	108.0	98.5	94.0	89.9	88.1	84.5	82.7	81.8
75°	89.5	86.3	84.1	83.6	79.5	75.0	70.9	70.0	67.3	65.5	64.6
77.5°	62.8	61.9	61.5	61.9	59.2	56.5	55.6	54.7	51.5	51.1	51.1
80°	41.1	43.4	43.4	42.9	42.0	41.6	40.2	39.3	37.5	37.1	37.5
82.5°	25.3	26.7	27.1	28.0	27.6	27.1	26.2	25.8	26.2	25.3	25.8
85°	12.7	13.6	15.4	15.4	15.8	15.8	15.8	15.4	14.5	14.9	14.5
87.5°	5.0	5.4	5.4	5.4	5.0	6.3	6.8	6.8	6.8	5.9	5.9
90°	6.5	5.6	5.2	4.7	3.7	2.6	1.6	0.6	1.6	2.6	3.7
92.5°	6.9	6.1	5.7	6.3	7.4	8.6	9.7	10.9	9.7	8.6	7.4
95°	23.7	28.6	31.0	31.2	31.6	31.9	32.3	32.7	32.3	31.9	31.6
97.5°	46.7	58.8	64.9	64.5	63.7	63.0	62.2	61.4	62.2	63.0	63.7
100°	98.4	97.9	97.6	97.4	97.0	96.7	96.3	95.9	96.3	96.7	97.0
102.5°	133.6	133.3	133.2	132.9	132.4	131.9	131.4	130.9	131.4	131.9	132.4
105°	171.1	171.1	171.1	170.8	170.3	169.8	169.3	168.8	169.3	169.8	170.3
107.5°	208.2	207.9	207.8	207.8	207.8	207.8	207.8	207.8	207.8	207.8	207.8
110°	246.1	245.8	245.7	245.7	245.7	245.7	245.7	245.7	245.7	245.7	245.7

TEST NUMBER: P1027186

CATALOG NUMBER: S125RDIP-B375D610UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	283.2	283.1	283.0	282.8	282.4	282.1	281.7	281.3	281.7	282.1	282.4
115°	320.0	319.9	319.8	319.5	318.8	318.2	317.5	316.9	317.5	318.2	318.8
117.5°	355.0	354.5	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2
120°	388.7	388.3	388.1	388.2	388.3	388.4	388.5	388.6	388.5	388.4	388.3
122.5°	422.1	422.0	421.9	421.6	421.0	420.3	419.7	419.1	419.7	420.3	421.0
125°	454.7	454.7	454.7	454.2	453.3	452.4	451.5	450.6	451.5	452.4	453.3
127.5°	483.7	483.8	483.9	483.6	483.0	482.3	481.7	481.1	481.7	482.3	483.0
130°	511.7	511.6	511.5	511.2	510.5	509.9	509.2	508.6	509.2	509.9	510.5
132.5°	539.0	539.4	539.6	539.2	538.5	537.7	537.0	536.2	537.0	537.7	538.5
135°	565.1	565.4	565.5	565.1	564.3	563.6	562.8	562.0	562.8	563.6	564.3
137.5°	589.2	589.5	589.6	589.2	588.4	587.7	586.9	586.1	586.9	587.7	588.4
140°	610.6	610.7	610.8	610.7	610.4	610.2	609.9	609.7	609.9	610.2	610.4
142.5°	631.9	631.6	631.5	631.4	631.3	631.2	631.0	630.9	631.0	631.2	631.3
145°	652.7	652.7	652.7	652.6	652.3	652.1	651.8	651.6	651.8	652.1	652.3
147.5°	670.1	670.0	669.9	669.9	669.9	669.9	669.9	669.9	669.9	669.9	669.9
150°	686.4	686.1	686.0	686.1	686.4	686.7	686.9	687.2	686.9	686.7	686.4
152.5°	701.3	701.0	700.9	701.2	701.9	702.5	703.2	703.8	703.2	702.5	701.9
155°	714.5	714.2	714.1	714.5	715.3	716.0	716.8	717.6	716.8	716.0	715.3
157.5°	726.8	726.8	726.8	727.0	727.4	727.7	728.1	728.5	728.1	727.7	727.4
160°	736.7	736.6	736.5	736.9	737.7	738.4	739.2	740.0	739.2	738.4	737.7
162.5°	745.9	745.8	745.7	746.1	746.9	747.6	748.4	749.2	748.4	747.6	746.9
165°	754.0	753.9	753.8	754.2	754.9	755.7	756.4	757.2	756.4	755.7	754.9
167.5°	760.3	760.2	760.1	760.5	761.2	762.0	762.7	763.5	762.7	762.0	761.2
170°	764.9	764.8	764.7	765.1	766.0	766.9	767.8	768.7	767.8	766.9	766.0
172.5°	768.5	768.2	768.1	768.5	769.4	770.3	771.2	772.1	771.2	770.3	769.4
175°	771.2	771.1	771.0	771.4	772.1	772.9	773.6	774.4	773.6	772.9	772.1
177.5°	772.9	772.8	772.7	773.1	773.8	774.6	775.3	776.1	775.3	774.6	773.8
180°	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4

TEST NUMBER: P1027186

CATALOG NUMBER: S125RDIP-B375D610UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4
2.5°	543.2	541.4	540.0	538.7	532.8	526.5	525.6	524.2	521.5	524.7	523.3
5°	529.2	525.1	522.8	517.0	509.7	504.3	499.8	494.4	492.1	490.3	489.9
7.5°	512.0	508.4	504.3	498.4	489.4	480.4	473.6	468.2	463.6	461.4	461.4
10°	495.3	490.8	485.3	475.4	466.8	455.5	448.3	442.9	436.5	432.9	429.8
12.5°	478.1	473.1	468.2	455.5	445.6	433.8	423.4	416.6	413.5	409.4	404.0
15°	460.9	453.3	448.3	435.6	423.0	411.2	404.4	397.2	390.0	385.9	384.1
17.5°	442.9	437.4	429.3	415.7	401.7	391.3	381.4	374.6	366.0	362.0	357.9
20°	426.6	418.5	410.3	396.8	383.2	369.2	359.3	351.1	345.7	342.5	338.9
22.5°	407.2	399.5	392.7	378.2	363.3	350.2	339.4	334.4	329.0	324.0	320.4
25°	390.4	382.8	376.0	360.2	343.9	331.7	323.6	317.2	311.4	309.1	305.5
27.5°	372.8	365.6	356.5	340.7	326.3	315.9	307.3	301.4	296.9	292.4	289.7
30°	356.1	348.0	339.8	322.7	310.9	300.5	292.4	285.1	281.5	279.3	274.8
32.5°	339.8	329.4	322.7	306.8	295.5	285.6	278.8	272.5	268.0	263.9	260.3
35°	322.2	310.9	304.1	291.0	279.3	269.3	263.5	258.9	253.5	249.9	248.1
37.5°	305.5	296.0	289.2	275.7	263.9	255.8	249.4	243.6	241.3	236.3	235.4
40°	287.4	279.3	272.9	259.8	249.0	242.7	235.9	230.5	226.4	224.1	221.0
42.5°	271.1	264.4	257.6	245.4	235.0	227.3	222.3	217.4	213.7	210.1	207.9
45°	256.2	249.0	242.7	230.9	220.5	213.7	208.8	202.9	202.0	197.0	194.8
47.5°	240.4	234.1	228.7	216.5	207.0	200.2	194.3	190.2	186.2	184.4	181.2
50°	225.0	218.7	212.4	201.5	193.0	186.2	180.3	175.8	173.5	170.8	168.1
52.5°	208.3	203.4	198.4	187.1	178.5	172.6	167.7	161.8	159.5	157.3	155.5
55°	194.3	187.1	181.7	172.2	164.5	158.2	152.7	148.2	146.0	144.2	141.9
57.5°	175.3	170.8	166.3	157.7	150.5	144.2	138.7	135.1	132.4	131.1	131.5
60°	159.1	154.1	151.4	142.3	135.1	130.1	125.2	121.6	118.8	117.5	117.0
62.5°	141.9	138.3	133.3	127.0	119.8	115.2	111.6	108.9	104.4	103.9	102.6
65°	125.2	122.5	117.9	112.1	106.2	102.1	98.1	94.4	92.6	90.4	89.0
67.5°	108.9	106.2	102.1	97.2	93.1	89.0	85.4	81.8	78.6	76.8	75.9
70°	93.1	90.8	88.1	82.2	77.3	74.1	71.4	69.1	66.0	65.1	64.6
72.5°	77.7	75.5	74.1	69.1	64.6	61.9	59.2	56.9	55.6	55.1	53.8
75°	63.7	61.5	59.7	55.1	52.4	50.6	47.9	47.0	45.6	45.2	44.7
77.5°	49.7	47.4	47.0	43.8	40.7	39.8	38.9	37.1	37.1	37.1	36.2
80°	35.7	35.2	34.8	31.6	30.3	29.4	28.9	27.6	26.7	25.8	25.3
82.5°	24.0	23.5	23.0	21.7	20.3	19.9	19.4	18.5	18.5	19.0	18.1
85°	14.5	13.6	13.1	12.7	11.7	11.7	12.2	11.7	11.7	11.7	11.3
87.5°	5.4	5.4	5.4	5.4	5.9	5.0	5.4	5.4	5.0	5.0	4.5
90°	4.7	5.2	5.6	6.5	7.4	8.3	9.2	9.8	10.5	11.1	11.8
92.5°	6.3	5.7	6.1	6.9	7.6	8.4	9.2	9.8	10.5	11.1	11.8
95°	31.2	31.0	28.6	23.7	18.9	14.0	9.2	9.8	10.5	11.1	11.8
97.5°	64.5	64.9	58.8	46.7	34.6	22.4	10.3	10.6	10.8	11.1	11.4
100°	97.4	97.6	97.9	98.4	98.9	99.4	99.9	80.9	61.9	42.9	23.9
102.5°	132.9	133.2	133.3	133.6	133.8	134.1	134.3	134.6	134.8	135.1	135.4
105°	170.8	171.1	171.1	171.1	171.1	171.1	171.1	171.1	171.1	171.1	171.1
107.5°	207.8	207.8	207.9	208.2	208.5	208.7	209.0	209.1	209.2	209.3	209.4
110°	245.7	245.7	245.8	246.1	246.3	246.6	246.8	246.4	246.0	245.7	245.3

TEST NUMBER: P1027186

CATALOG NUMBER: S125RDIP-B375D610UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	282.8	283.0	283.1	283.2	283.3	283.5	283.6	283.1	282.6	282.1	281.6
115°	319.5	319.8	319.9	320.0	320.1	320.2	320.3	319.8	319.3	318.8	318.3
117.5°	354.2	354.2	354.5	355.0	355.5	356.0	356.5	355.7	355.0	354.2	353.5
120°	388.2	388.1	388.3	388.7	389.0	389.4	389.8	389.5	389.3	389.0	388.7
122.5°	421.6	421.9	422.0	422.1	422.2	422.4	422.5	422.3	422.0	421.8	421.5
125°	454.2	454.7	454.7	454.7	454.7	454.7	454.7	454.2	453.7	453.2	452.7
127.5°	483.6	483.9	483.8	483.7	483.6	483.5	483.4	483.1	482.9	482.6	482.3
130°	511.2	511.5	511.6	511.7	511.8	512.0	512.1	511.7	511.3	510.9	510.5
132.5°	539.2	539.6	539.4	539.0	538.7	538.3	537.9	537.9	537.9	537.9	537.9
135°	565.1	565.5	565.4	565.1	564.8	564.6	564.3	564.1	563.8	563.6	563.3
137.5°	589.2	589.6	589.5	589.2	588.9	588.7	588.4	588.4	588.4	588.4	588.4
140°	610.7	610.8	610.7	610.6	610.5	610.3	610.2	610.5	610.7	611.0	611.3
142.5°	631.4	631.5	631.6	631.9	632.1	632.4	632.6	632.6	632.6	632.6	632.6
145°	652.6	652.7	652.7	652.7	652.7	652.7	652.7	652.8	653.0	653.1	653.2
147.5°	669.9	669.9	670.0	670.1	670.2	670.4	670.5	670.6	670.8	670.9	671.0
150°	686.1	686.0	686.1	686.4	686.7	686.9	687.2	687.4	687.7	687.9	688.2
152.5°	701.2	700.9	701.0	701.3	701.6	701.8	702.1	702.3	702.6	702.8	703.1
155°	714.5	714.1	714.2	714.5	714.8	715.0	715.3	715.7	716.1	716.4	716.8
157.5°	727.0	726.8	726.8	726.8	726.8	726.8	726.8	727.2	727.6	727.9	728.3
160°	736.9	736.5	736.6	736.7	736.8	737.0	737.1	737.6	738.1	738.6	739.1
162.5°	746.1	745.7	745.8	745.9	746.0	746.2	746.3	747.1	747.8	748.6	749.3
165°	754.2	753.8	753.9	754.0	754.1	754.2	754.3	755.1	755.9	756.6	757.4
167.5°	760.5	760.1	760.2	760.3	760.4	760.5	760.6	761.5	762.4	763.3	764.2
170°	765.1	764.7	764.8	764.9	765.0	765.1	765.2	766.2	767.2	768.3	769.3
172.5°	768.5	768.1	768.2	768.5	768.8	769.0	769.3	770.2	771.1	772.0	772.9
175°	771.4	771.0	771.1	771.2	771.3	771.4	771.5	772.5	773.5	774.6	775.6
177.5°	773.1	772.7	772.8	772.9	773.0	773.2	773.3	774.2	775.1	776.0	776.9
180°	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4

TEST NUMBER: P1027186

CATALOG NUMBER: S125RDIP-B375D610UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4
2.5°	521.0	521.9	519.7	518.8	517.0	519.2	519.7	519.2	523.3	521.5	522.4
5°	490.8	489.0	487.6	484.4	484.4	484.9	486.2	484.0	485.3	488.5	488.0
7.5°	457.3	456.4	456.9	453.3	450.5	451.4	450.5	454.6	456.9	456.0	457.8
10°	427.0	428.9	424.8	423.0	421.2	423.0	422.5	423.4	426.1	427.9	431.1
12.5°	402.6	402.2	399.9	398.1	395.0	395.9	398.6	397.7	398.1	402.2	401.7
15°	379.6	376.9	375.1	371.0	371.9	368.7	371.5	374.6	376.0	379.6	381.9
17.5°	356.5	356.1	353.8	353.4	348.4	347.1	349.8	350.7	352.0	353.8	357.0
20°	337.1	336.7	333.5	332.6	328.5	331.2	330.3	332.1	333.0	336.7	338.0
22.5°	319.5	317.2	316.3	315.0	313.6	313.2	315.0	314.5	317.7	319.0	319.5
25°	303.2	301.4	301.0	298.7	297.8	296.4	297.8	299.2	302.8	304.1	305.9
27.5°	288.3	287.0	286.1	284.2	282.9	282.9	283.8	285.6	287.0	287.9	288.8
30°	274.8	273.8	271.1	270.2	268.9	268.9	268.9	269.8	272.0	274.8	276.1
32.5°	260.7	258.9	257.1	257.1	255.8	255.8	256.2	257.1	259.4	259.8	262.1
35°	247.2	245.4	244.0	243.1	243.6	241.8	242.7	244.0	246.7	247.6	249.0
37.5°	234.1	233.6	230.9	229.6	230.5	230.5	230.0	230.9	232.7	234.5	235.4
40°	219.6	218.7	218.7	217.4	217.8	216.0	217.4	218.3	219.2	221.0	222.3
42.5°	207.0	206.1	204.3	204.7	203.4	203.4	204.3	204.7	206.1	208.3	209.2
45°	193.4	193.4	192.5	191.2	191.6	190.2	191.2	191.6	193.4	195.7	194.8
47.5°	180.3	179.9	179.9	178.0	179.0	177.6	179.0	179.4	180.3	181.7	181.2
50°	167.7	166.3	166.7	166.3	165.8	165.8	166.7	166.7	167.7	167.7	169.0
52.5°	154.5	154.5	153.6	154.1	155.0	154.1	155.5	154.1	155.0	155.5	156.4
55°	142.8	141.9	142.3	141.9	143.7	142.3	143.7	142.8	143.7	143.3	144.2
57.5°	130.1	128.8	129.2	128.8	130.1	129.7	131.1	129.7	130.1	130.6	132.0
60°	115.7	115.7	115.7	114.8	116.1	116.1	115.7	115.7	117.5	118.4	117.9
62.5°	102.1	101.7	100.3	99.9	100.3	99.4	101.2	100.8	101.7	102.6	103.5
65°	87.2	86.3	85.9	85.0	85.0	84.5	85.0	86.8	87.2	87.7	89.9
67.5°	75.0	74.6	74.1	72.8	72.8	73.7	73.7	73.7	76.4	75.0	76.8
70°	64.2	63.3	62.4	61.9	61.9	62.4	62.8	63.3	62.8	64.6	65.1
72.5°	53.8	54.2	53.3	53.3	53.3	52.9	52.9	53.8	54.2	53.8	54.2
75°	44.7	44.7	44.3	44.7	44.7	44.3	44.3	45.2	45.2	44.7	46.1
77.5°	36.2	35.7	34.8	33.9	34.3	33.9	34.3	33.9	35.2	36.6	35.7
80°	25.3	24.9	24.9	24.9	25.3	24.9	25.8	24.9	25.3	25.3	25.8
82.5°	18.1	18.5	18.5	18.1	18.5	18.1	18.5	18.5	18.5	18.1	18.5
85°	11.7	11.7	11.7	11.7	11.3	11.7	11.7	11.7	12.2	11.7	12.2
87.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.4	5.0	5.4
90°	12.1	12.3	12.7	13.0	13.4	13.8	13.4	13.0	12.7	12.3	12.1
92.5°	12.1	12.2	12.3	12.4	12.5	12.6	12.5	12.4	12.3	12.2	12.1
95°	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
97.5°	11.5	11.6	11.7	11.8	12.0	12.1	12.0	11.8	11.7	11.6	11.5
100°	14.4	14.1	13.6	13.1	12.6	12.1	12.6	13.1	13.6	14.1	14.4
102.5°	135.5	130.1	119.4	108.7	98.0	87.3	98.0	108.7	119.4	130.1	135.5
105°	171.1	171.0	170.9	170.8	170.6	170.5	170.6	170.8	170.9	171.0	171.1
107.5°	209.5	209.2	208.7	208.2	207.7	207.2	207.7	208.2	208.7	209.2	209.5
110°	245.1	245.2	245.3	245.4	245.6	245.7	245.6	245.4	245.3	245.2	245.1

TEST NUMBER: P1027186

CATALOG NUMBER: S125RDIP-B375D610UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	281.3	281.2	280.9	280.6	280.4	280.1	280.4	280.6	280.9	281.2	281.3
115°	318.0	317.6	316.9	316.1	315.4	314.6	315.4	316.1	316.9	317.6	318.0
117.5°	353.1	353.0	352.7	352.4	352.2	351.9	352.2	352.4	352.7	353.0	353.1
120°	388.6	388.3	387.7	387.0	386.4	385.8	386.4	387.0	387.7	388.3	388.6
122.5°	421.4	421.0	420.2	419.5	418.7	417.9	418.7	419.5	420.2	421.0	421.4
125°	452.4	452.2	451.8	451.4	451.0	450.6	451.0	451.4	451.8	452.2	452.4
127.5°	482.2	481.7	480.7	479.6	478.6	477.6	478.6	479.6	480.7	481.7	482.2
130°	510.3	510.0	509.4	508.7	508.1	507.5	508.1	508.7	509.4	510.0	510.3
132.5°	537.9	537.6	536.9	536.3	535.6	535.0	535.6	536.3	536.9	537.6	537.9
135°	563.2	562.8	562.0	561.3	560.5	559.7	560.5	561.3	562.0	562.8	563.2
137.5°	588.4	588.1	587.5	586.8	586.2	585.6	586.2	586.8	587.5	588.1	588.4
140°	611.4	611.0	610.2	609.5	608.7	607.9	608.7	609.5	610.2	611.0	611.4
142.5°	632.6	632.2	631.5	630.7	630.0	629.2	630.0	630.7	631.5	632.2	632.6
145°	653.3	652.9	652.1	651.4	650.6	649.8	650.6	651.4	652.1	652.9	653.3
147.5°	671.1	670.7	669.8	668.9	668.0	667.1	668.0	668.9	669.8	670.7	671.1
150°	688.3	687.8	686.8	685.7	684.7	683.7	684.7	685.7	686.8	687.8	688.3
152.5°	703.2	702.8	701.9	701.0	700.1	699.2	700.1	701.0	701.9	702.8	703.2
155°	717.0	716.5	715.5	714.4	713.4	712.4	713.4	714.4	715.5	716.5	717.0
157.5°	728.5	728.0	727.0	725.9	724.9	723.9	724.9	725.9	727.0	728.0	728.5
160°	739.4	738.9	737.9	736.8	735.8	734.8	735.8	736.8	737.9	738.9	739.4
162.5°	749.7	749.1	748.0	746.9	745.7	744.6	745.7	746.9	748.0	749.1	749.7
165°	757.8	757.3	756.3	755.2	754.2	753.2	754.2	755.2	756.3	757.3	757.8
167.5°	764.7	764.1	763.0	761.8	760.7	759.5	760.7	761.8	763.0	764.1	764.7
170°	769.8	769.2	768.1	767.0	765.8	764.7	765.8	767.0	768.1	769.2	769.8
172.5°	773.3	772.7	771.6	770.4	769.3	768.1	769.3	770.4	771.6	772.7	773.3
175°	776.1	775.5	774.4	773.3	772.1	771.0	772.1	773.3	774.4	775.5	776.1
177.5°	777.3	776.8	775.8	774.7	773.7	772.7	773.7	774.7	775.8	776.8	777.3
180°	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4

TEST NUMBER: P1027186

CATALOG NUMBER: S125RDIP-B375D610UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4
2.5°	520.6	522.8	521.0	519.7	523.3	525.1	525.1	528.3	531.4	534.1	534.6
5°	488.5	492.1	493.0	492.6	498.0	500.7	506.6	509.7	514.3	517.4	521.0
7.5°	459.1	464.1	464.5	465.5	473.6	478.1	483.1	491.2	497.5	502.1	506.1
10°	429.8	432.9	436.1	440.1	448.3	456.0	463.2	471.8	479.9	484.4	490.3
12.5°	407.6	409.9	413.5	416.2	424.8	431.6	441.1	452.8	464.5	468.2	475.4
15°	384.6	385.9	393.2	395.9	403.1	414.4	420.3	431.6	444.2	451.0	459.1
17.5°	357.9	366.0	370.6	373.7	382.8	391.8	401.3	413.0	429.3	435.6	441.5
20°	338.9	344.8	349.8	353.8	362.0	375.5	384.1	393.6	409.0	416.2	424.8
22.5°	322.2	327.2	331.7	336.2	341.6	353.8	363.8	376.9	392.2	399.0	409.0
25°	306.4	311.4	314.1	319.5	326.7	335.3	347.1	358.8	374.2	381.9	391.3
27.5°	291.0	296.0	301.0	305.5	310.5	318.6	326.7	341.6	357.5	366.5	374.6
30°	277.9	280.2	284.7	289.7	294.6	302.3	311.8	322.2	340.3	348.4	358.4
32.5°	263.5	267.5	270.7	274.3	280.6	287.0	295.5	308.6	323.1	330.8	341.6
35°	249.9	253.5	255.8	262.1	266.2	272.9	281.5	293.3	305.5	314.1	323.6
37.5°	236.8	240.4	243.1	246.7	252.2	258.0	267.1	275.7	290.1	297.3	308.2
40°	223.2	226.4	229.6	233.6	238.6	245.8	251.3	262.1	273.8	282.0	290.1
42.5°	210.1	211.9	215.6	220.1	225.0	231.4	239.1	247.6	259.4	266.6	273.8
45°	196.1	199.3	203.4	206.5	211.0	217.4	224.1	231.8	243.6	250.8	258.5
47.5°	183.0	185.3	188.0	193.0	198.8	203.4	210.6	217.8	228.7	235.4	242.7
50°	169.5	171.7	175.8	179.0	183.5	189.3	196.1	203.8	214.2	218.7	225.9
52.5°	156.8	157.7	161.8	164.9	169.5	176.2	181.7	188.4	198.4	203.4	210.6
55°	144.2	145.1	147.3	150.5	155.5	160.9	166.7	174.4	183.0	187.5	194.3
57.5°	131.1	132.0	134.2	136.5	141.4	146.4	153.2	159.5	168.1	172.2	178.5
60°	117.9	117.9	120.2	123.4	127.0	131.5	137.4	145.1	151.4	156.4	160.9
62.5°	103.9	105.3	106.6	108.9	113.0	118.4	123.4	128.8	136.5	140.1	144.2
65°	89.9	91.3	94.0	96.3	99.4	103.0	109.4	113.9	119.8	123.8	127.4
67.5°	77.7	79.1	80.9	83.6	85.9	89.9	94.4	99.0	105.3	108.0	110.7
70°	65.1	66.4	67.8	71.4	73.7	76.8	80.0	84.5	89.9	91.7	94.0
72.5°	55.1	55.6	57.4	58.3	61.5	64.2	67.8	70.5	74.6	76.8	78.6
75°	46.5	46.5	47.0	47.9	49.7	51.5	54.2	56.9	60.6	61.9	64.2
77.5°	36.6	38.0	37.5	38.4	39.3	40.2	42.5	44.3	47.9	48.8	49.7
80°	26.2	26.7	28.0	29.4	29.4	30.7	32.1	32.5	34.8	36.2	36.2
82.5°	19.0	19.4	19.0	19.4	19.9	20.3	21.7	23.5	23.5	24.0	24.9
85°	11.7	11.7	12.2	12.7	12.7	12.2	13.1	12.7	13.1	14.0	14.0
87.5°	5.9	5.4	5.4	5.4	5.4	5.4	5.9	5.4	5.9	5.9	5.9
90°	11.8	11.1	10.5	9.8	9.2	8.3	7.4	6.5	5.6	5.2	4.7
92.5°	11.8	11.1	10.5	9.8	9.2	8.4	7.6	6.9	6.1	5.7	6.3
95°	11.8	11.1	10.5	9.8	9.2	14.0	18.9	23.7	28.6	31.0	31.2
97.5°	11.4	11.1	10.8	10.6	10.3	22.4	34.6	46.7	58.8	64.9	64.5
100°	23.9	42.9	61.9	80.9	99.9	99.4	98.9	98.4	97.9	97.6	97.4
102.5°	135.4	135.1	134.8	134.6	134.3	134.1	133.8	133.6	133.3	133.2	132.9
105°	171.1	171.1	171.1	171.1	171.1	171.1	171.1	171.1	171.1	171.1	170.8
107.5°	209.4	209.3	209.2	209.1	209.0	208.7	208.5	208.2	207.9	207.8	207.8
110°	245.3	245.7	246.0	246.4	246.8	246.6	246.3	246.1	245.8	245.7	245.7

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	281.6	282.1	282.6	283.1	283.6	283.5	283.3	283.2	283.1	283.0	282.8
115°	318.3	318.8	319.3	319.8	320.3	320.2	320.1	320.0	319.9	319.8	319.5
117.5°	353.5	354.2	355.0	355.7	356.5	356.0	355.5	355.0	354.5	354.2	354.2
120°	388.7	389.0	389.3	389.5	389.8	389.4	389.0	388.7	388.3	388.1	388.2
122.5°	421.5	421.8	422.0	422.3	422.5	422.4	422.2	422.1	422.0	421.9	421.6
125°	452.7	453.2	453.7	454.2	454.7	454.7	454.7	454.7	454.7	454.7	454.2
127.5°	482.3	482.6	482.9	483.1	483.4	483.5	483.6	483.7	483.8	483.9	483.6
130°	510.5	510.9	511.3	511.7	512.1	512.0	511.8	511.7	511.6	511.5	511.2
132.5°	537.9	537.9	537.9	537.9	537.9	538.3	538.7	539.0	539.4	539.6	539.2
135°	563.3	563.6	563.8	564.1	564.3	564.6	564.8	565.1	565.4	565.5	565.1
137.5°	588.4	588.4	588.4	588.4	588.4	588.7	588.9	589.2	589.5	589.6	589.2
140°	611.3	611.0	610.7	610.5	610.2	610.3	610.5	610.6	610.7	610.8	610.7
142.5°	632.6	632.6	632.6	632.6	632.6	632.4	632.1	631.9	631.6	631.5	631.4
145°	653.2	653.1	653.0	652.8	652.7	652.7	652.7	652.7	652.7	652.7	652.6
147.5°	671.0	670.9	670.8	670.6	670.5	670.4	670.2	670.1	670.0	669.9	669.9
150°	688.2	687.9	687.7	687.4	687.2	686.9	686.7	686.4	686.1	686.0	686.1
152.5°	703.1	702.8	702.6	702.3	702.1	701.8	701.6	701.3	701.0	700.9	701.2
155°	716.8	716.4	716.1	715.7	715.3	715.0	714.8	714.5	714.2	714.1	714.5
157.5°	728.3	727.9	727.6	727.2	726.8	726.8	726.8	726.8	726.8	726.8	727.0
160°	739.1	738.6	738.1	737.6	737.1	737.0	736.8	736.7	736.6	736.5	736.9
162.5°	749.3	748.6	747.8	747.1	746.3	746.2	746.0	745.9	745.8	745.7	746.1
165°	757.4	756.6	755.9	755.1	754.3	754.2	754.1	754.0	753.9	753.8	754.2
167.5°	764.2	763.3	762.4	761.5	760.6	760.5	760.4	760.3	760.2	760.1	760.5
170°	769.3	768.3	767.2	766.2	765.2	765.1	765.0	764.9	764.8	764.7	765.1
172.5°	772.9	772.0	771.1	770.2	769.3	769.0	768.8	768.5	768.2	768.1	768.5
175°	775.6	774.6	773.5	772.5	771.5	771.4	771.3	771.2	771.1	771.0	771.4
177.5°	776.9	776.0	775.1	774.2	773.3	773.2	773.0	772.9	772.8	772.7	773.1
180°	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4

TEST NUMBER: P1027186

CATALOG NUMBER: S125RDIP-B375D610UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	550.4	550.4	550.4	550.4
2.5°	537.8	541.8	545.9	550.9
5°	526.9	534.1	541.8	549.1
7.5°	515.2	525.6	535.5	545.9
10°	502.1	515.2	526.5	540.9
12.5°	487.6	501.6	517.4	533.7
15°	473.1	490.8	507.5	526.0
17.5°	459.6	476.3	494.8	517.0
20°	443.3	461.8	482.6	506.1
22.5°	426.1	446.5	469.1	494.4
25°	411.7	432.5	454.2	480.8
27.5°	395.9	417.6	438.8	467.3
30°	377.8	401.3	423.0	452.3
32.5°	360.6	384.1	408.1	435.6
35°	343.9	366.9	390.9	418.9
37.5°	328.1	348.9	372.4	397.7
40°	313.2	332.1	352.9	376.0
42.5°	294.2	316.3	335.8	352.5
45°	277.9	296.0	314.1	327.6
47.5°	258.9	277.0	292.4	303.2
50°	243.1	257.6	270.2	279.7
52.5°	224.1	237.7	248.1	255.3
55°	205.6	217.4	226.4	231.4
57.5°	188.9	196.6	203.4	207.9
60°	170.4	176.2	182.1	187.1
62.5°	150.5	156.8	160.0	165.4
65°	132.9	136.9	141.9	143.7
67.5°	115.7	117.9	121.1	124.7
70°	97.6	99.0	102.1	107.1
72.5°	81.8	83.1	85.4	87.2
75°	65.1	66.4	68.2	70.0
77.5°	51.1	51.5	52.4	54.2
80°	37.1	38.4	39.3	39.8
82.5°	25.8	26.2	26.2	26.7
85°	16.3	15.4	15.4	15.8
87.5°	5.9	6.8	6.8	7.7
90°	3.7	2.6	1.6	0.6
92.5°	7.4	8.6	9.7	10.9
95°	31.6	31.9	32.3	32.7
97.5°	63.7	63.0	62.2	61.4
100°	97.0	96.7	96.3	95.9
102.5°	132.4	131.9	131.4	130.9
105°	170.3	169.8	169.3	168.8
107.5°	207.8	207.8	207.8	207.8
110°	245.7	245.7	245.7	245.7

TEST NUMBER: P1027186

CATALOG NUMBER: S125RDIP-B375D610UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	282.4	282.1	281.7	281.3
115°	318.8	318.2	317.5	316.9
117.5°	354.2	354.2	354.2	354.2
120°	388.3	388.4	388.5	388.6
122.5°	421.0	420.3	419.7	419.1
125°	453.3	452.4	451.5	450.6
127.5°	483.0	482.3	481.7	481.1
130°	510.5	509.9	509.2	508.6
132.5°	538.5	537.7	537.0	536.2
135°	564.3	563.6	562.8	562.0
137.5°	588.4	587.7	586.9	586.1
140°	610.4	610.2	609.9	609.7
142.5°	631.3	631.2	631.0	630.9
145°	652.3	652.1	651.8	651.6
147.5°	669.9	669.9	669.9	669.9
150°	686.4	686.7	686.9	687.2
152.5°	701.9	702.5	703.2	703.8
155°	715.3	716.0	716.8	717.6
157.5°	727.4	727.7	728.1	728.5
160°	737.7	738.4	739.2	740.0
162.5°	746.9	747.6	748.4	749.2
165°	754.9	755.7	756.4	757.2
167.5°	761.2	762.0	762.7	763.5
170°	766.0	766.9	767.8	768.7
172.5°	769.4	770.3	771.2	772.1
175°	772.1	772.9	773.6	774.4
177.5°	773.8	774.6	775.3	776.1
180°	774.4	774.4	774.4	774.4

(END OF REPORT)