

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: P1027176

Luminaire Tested: S125RDIP-B375D375UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027176
REPORT IS A COMBINATION OF REPORTS P1005407 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIP-B375D375UB2750-4F0-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

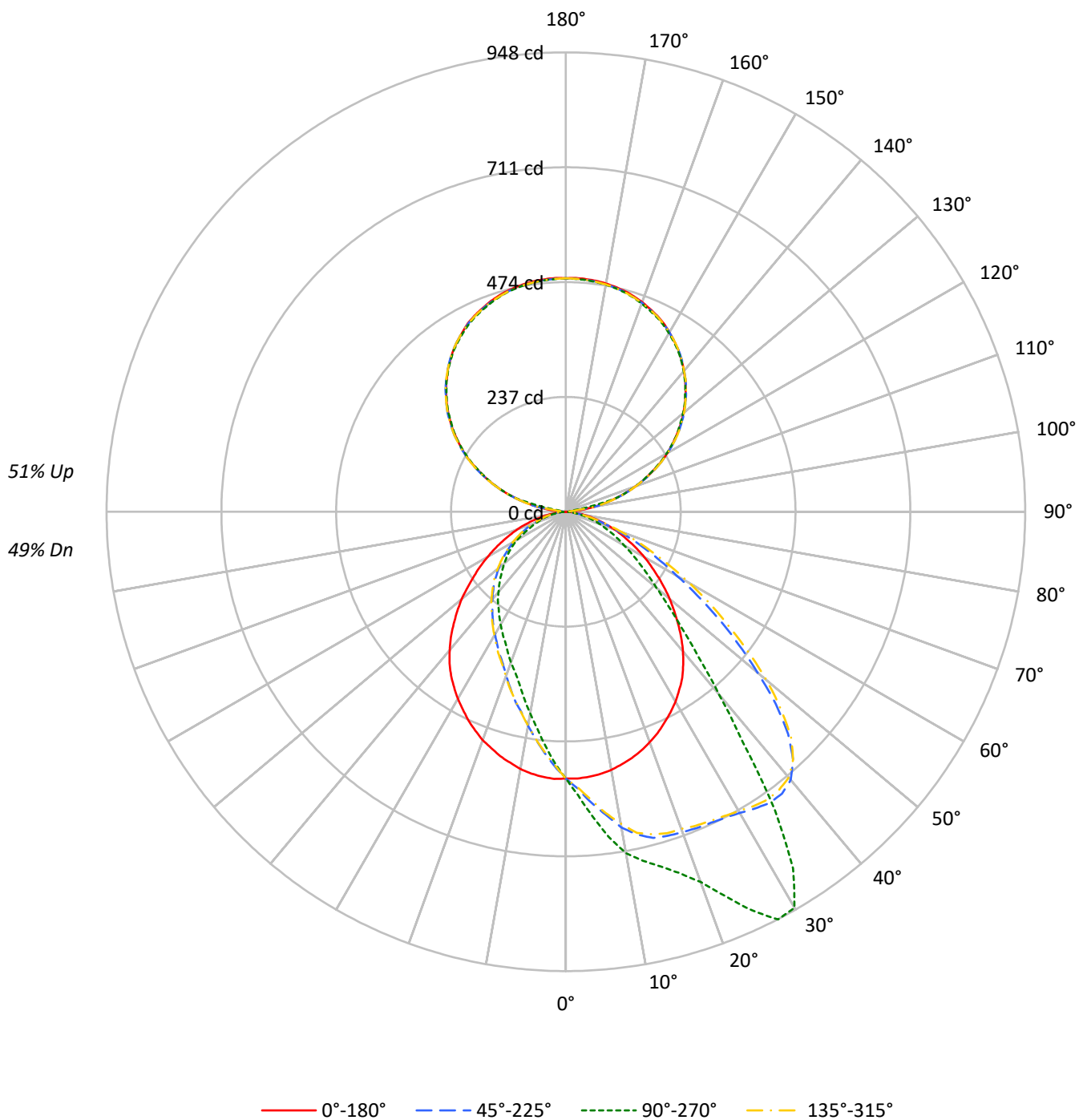
Lumens per Lamp: N/A
Luminaire Lumens: 2907.0 lumens
Efficiency: N/A
Efficacy: 130.4 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 22.3
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	107	107	107	107	99	99	99	99	83	83	83	68	68	68	55	55	55
1	98	94	90	87	90	87	84	81	73	71	69	61	59	58	50	49	48
2	90	82	77	72	82	76	71	67	65	61	58	54	51	49	44	42	41
3	82	73	66	60	75	67	61	56	57	53	49	48	45	42	39	37	35
4	75	65	57	51	69	60	53	48	51	46	42	43	39	36	35	33	30
5	69	58	50	44	63	54	47	41	46	40	36	39	35	31	32	29	27
6	64	52	44	38	59	48	41	36	41	36	32	35	31	28	29	26	24
7	59	47	39	33	54	44	37	32	38	32	28	32	28	24	27	23	21
8	55	42	35	30	50	40	33	28	34	29	25	29	25	22	24	21	19
9	51	39	31	26	47	36	30	25	31	26	22	27	23	20	23	19	17
10	47	36	28	24	44	33	27	23	29	24	20	25	21	18	21	18	15

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	1.8
10°-20°	154.7	5.3
20°-30°	245.4	8.4
30°-40°	296.5	10.2
40°-50°	264.0	9.1
50°-60°	202.4	7.0
60°-70°	131.5	4.5
70°-80°	63.8	2.2
80°-90°	15.7	0.5
90°-100°	16.4	0.6
100°-110°	108.8	3.7
110°-120°	195.8	6.7
120°-130°	251.4	8.6
130°-140°	270.4	9.3
140°-150°	253.8	8.7
150°-160°	205.3	7.1
160°-170°	132.7	4.6
170°-180°	45.8	1.6
0°-30°	452.9	15.6
0°-40°	749.4	25.8
0°-60°	1215.7	41.8
0°-90°	1426.7	49.1
90°-120°	321.0	11.0
90°-150°	1096.5	37.7
90°-180°	1480.0	50.9
0°-180°	2907.0	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°	0	9	0	9	0	2
95°	20	8	20	8	20	25
105°	105	106	105	106	105	111
115°	197	196	197	196	197	195
125°	280	280	280	280	280	251
135°	350	348	350	348	350	270
145°	406	404	406	404	406	254
155°	446	443	446	443	446	206
165°	471	469	471	469	471	133
175°	482	480	482	480	482	46
180°	482	482	482	482	482	

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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°	0.4	1.0	1.6	2.3	2.9	3.2	3.5	4.0	4.6	5.1	5.7
92.5°	6.8	6.1	5.4	4.7	4.0	3.6	3.8	4.3	4.8	5.2	5.7
95°	20.4	20.2	19.9	19.7	19.4	19.3	17.8	14.8	11.7	8.7	5.7
97.5°	38.2	38.7	39.2	39.7	40.2	40.4	36.6	29.1	21.5	14.0	6.4
100°	59.7	59.9	60.1	60.4	60.6	60.7	60.9	61.2	61.5	61.9	62.2
102.5°	81.4	81.7	82.1	82.4	82.7	82.9	83.0	83.1	83.3	83.4	83.6
105°	105.0	105.3	105.7	106.0	106.3	106.5	106.5	106.5	106.5	106.5	106.5
107.5°	129.3	129.3	129.3	129.3	129.3	129.3	129.4	129.5	129.7	129.8	130.0
110°	152.9	152.9	152.9	152.9	152.9	152.9	153.0	153.1	153.3	153.4	153.6

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	175.0	175.2	175.5	175.7	176.0	176.1	176.1	176.2	176.3	176.4	176.5
115°	197.2	197.6	198.0	198.4	198.8	199.0	199.0	199.1	199.2	199.2	199.3
117.5°	220.4	220.4	220.4	220.4	220.4	220.4	220.6	220.9	221.2	221.5	221.8
120°	241.8	241.7	241.7	241.6	241.5	241.5	241.6	241.9	242.1	242.4	242.6
122.5°	260.8	261.2	261.6	262.0	262.4	262.6	262.6	262.7	262.8	262.8	262.9
125°	280.4	281.0	281.5	282.1	282.6	282.9	282.9	282.9	282.9	282.9	282.9
127.5°	299.4	299.8	300.2	300.5	300.9	301.1	301.1	301.0	300.9	300.9	300.8
130°	316.5	316.9	317.3	317.7	318.1	318.3	318.3	318.4	318.5	318.5	318.6
132.5°	333.6	334.1	334.6	335.1	335.6	335.8	335.7	335.4	335.2	334.9	334.7
135°	349.7	350.2	350.7	351.2	351.7	351.9	351.8	351.7	351.5	351.4	351.2
137.5°	364.7	365.2	365.7	366.2	366.7	366.9	366.8	366.7	366.5	366.4	366.2
140°	379.4	379.6	379.7	379.9	380.0	380.1	380.1	380.0	379.9	379.8	379.7
142.5°	392.6	392.7	392.7	392.8	392.9	392.9	393.0	393.2	393.3	393.5	393.7
145°	405.5	405.7	405.8	406.0	406.1	406.2	406.2	406.2	406.2	406.2	406.2
147.5°	416.9	416.9	416.9	416.9	416.9	416.9	416.9	417.0	417.1	417.1	417.2
150°	427.6	427.4	427.3	427.1	427.0	426.9	427.0	427.1	427.3	427.4	427.6
152.5°	438.0	437.6	437.2	436.8	436.4	436.2	436.3	436.4	436.6	436.7	436.9
155°	446.5	446.0	445.6	445.1	444.6	444.4	444.5	444.6	444.8	444.9	445.1
157.5°	453.3	453.1	452.8	452.6	452.3	452.2	452.2	452.2	452.2	452.2	452.2
160°	460.5	460.0	459.5	459.0	458.5	458.3	458.3	458.4	458.5	458.6	458.7
162.5°	466.2	465.7	465.2	464.7	464.2	464.0	464.0	464.1	464.2	464.3	464.4
165°	471.2	470.7	470.2	469.7	469.2	469.0	469.0	469.1	469.2	469.3	469.4
167.5°	475.1	474.6	474.2	473.7	473.2	473.0	473.0	473.1	473.2	473.2	473.3
170°	478.3	477.7	477.2	476.6	476.1	475.8	475.8	475.9	476.0	476.1	476.2
172.5°	480.5	479.9	479.4	478.8	478.3	478.0	478.1	478.2	478.4	478.5	478.7
175°	481.9	481.4	481.0	480.5	480.0	479.8	479.8	479.9	480.0	480.0	480.1
177.5°	483.0	482.5	482.0	481.5	481.0	480.8	480.8	480.9	481.0	481.1	481.2
180°	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9

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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°	6.1	6.5	6.9	7.3	7.5	7.6	7.9	8.1	8.4	8.6	8.4
92.5°	6.1	6.5	6.9	7.3	7.5	7.5	7.6	7.7	7.8	7.9	7.8
95°	6.1	6.5	6.9	7.3	7.5	7.5	7.5	7.5	7.5	7.5	7.5
97.5°	6.6	6.7	6.9	7.0	7.1	7.1	7.2	7.3	7.4	7.5	7.4
100°	50.4	38.5	26.7	14.8	8.9	8.7	8.4	8.1	7.8	7.5	7.8
102.5°	83.8	83.9	84.1	84.2	84.3	81.0	74.3	67.6	61.0	54.3	61.0
105°	106.5	106.5	106.5	106.5	106.5	106.5	106.4	106.3	106.2	106.1	106.2
107.5°	130.1	130.2	130.3	130.4	130.4	130.2	129.9	129.6	129.3	129.0	129.3
110°	153.4	153.1	152.9	152.6	152.5	152.5	152.6	152.7	152.8	152.9	152.8

TEST NUMBER: P1027176

CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	176.2	175.8	175.5	175.2	175.0	174.9	174.8	174.6	174.5	174.3	174.5
115°	199.0	198.7	198.4	198.1	197.9	197.7	197.2	196.7	196.3	195.8	196.3
117.5°	221.3	220.9	220.4	219.9	219.7	219.6	219.5	219.3	219.2	219.0	219.2
120°	242.4	242.2	242.1	241.9	241.8	241.6	241.2	240.9	240.5	240.1	240.5
122.5°	262.7	262.6	262.4	262.3	262.2	262.0	261.5	261.0	260.6	260.1	260.6
125°	282.6	282.3	282.0	281.7	281.5	281.4	281.1	280.9	280.6	280.4	280.6
127.5°	300.6	300.5	300.3	300.2	300.1	299.8	299.1	298.5	297.8	297.2	297.8
130°	318.4	318.2	317.9	317.7	317.6	317.4	317.0	316.6	316.2	315.8	316.2
132.5°	334.7	334.7	334.7	334.7	334.7	334.5	334.1	333.7	333.3	332.9	333.3
135°	351.0	350.8	350.7	350.5	350.4	350.2	349.7	349.2	348.8	348.3	348.8
137.5°	366.2	366.2	366.2	366.2	366.2	366.0	365.6	365.2	364.8	364.4	364.8
140°	379.9	380.0	380.2	380.3	380.4	380.2	379.7	379.2	378.8	378.3	378.8
142.5°	393.7	393.7	393.7	393.7	393.7	393.5	393.0	392.5	392.0	391.5	392.0
145°	406.3	406.3	406.4	406.5	406.5	406.3	405.8	405.3	404.9	404.4	404.9
147.5°	417.3	417.4	417.5	417.6	417.6	417.3	416.8	416.2	415.7	415.1	415.7
150°	427.8	427.9	428.1	428.2	428.3	428.0	427.4	426.7	426.1	425.5	426.1
152.5°	437.1	437.2	437.4	437.5	437.6	437.3	436.8	436.2	435.7	435.1	435.7
155°	445.3	445.6	445.8	446.1	446.2	445.9	445.2	444.6	443.9	443.3	443.9
157.5°	452.4	452.7	452.9	453.2	453.3	453.0	452.4	451.7	451.1	450.5	451.1
160°	459.0	459.3	459.6	459.9	460.1	459.8	459.1	458.5	457.8	457.2	457.8
162.5°	464.9	465.3	465.8	466.3	466.5	466.1	465.4	464.7	464.0	463.3	464.0
165°	469.9	470.3	470.8	471.3	471.5	471.2	470.6	469.9	469.3	468.7	469.3
167.5°	473.9	474.4	475.0	475.5	475.8	475.4	474.7	474.0	473.3	472.6	473.3
170°	476.8	477.4	478.1	478.7	479.0	478.6	477.9	477.2	476.5	475.8	476.5
172.5°	479.3	479.8	480.4	480.9	481.2	480.8	480.1	479.4	478.7	478.0	478.7
175°	480.7	481.4	482.0	482.7	483.0	482.6	481.9	481.2	480.5	479.8	480.5
177.5°	481.8	482.3	482.9	483.4	483.7	483.4	482.7	482.1	481.4	480.8	481.4
180°	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9

TEST NUMBER: P1027176

CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-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°	8.1	7.9	7.6	7.5	7.3	6.9	6.5	6.1	5.7	5.1	4.6
92.5°	7.7	7.6	7.5	7.5	7.3	6.9	6.5	6.1	5.7	5.2	4.8
95°	7.5	7.5	7.5	7.5	7.3	6.9	6.5	6.1	5.7	8.7	11.7
97.5°	7.3	7.2	7.1	7.1	7.0	6.9	6.7	6.6	6.4	14.0	21.5
100°	8.1	8.4	8.7	8.9	14.8	26.7	38.5	50.4	62.2	61.9	61.5
102.5°	67.6	74.3	81.0	84.3	84.2	84.1	83.9	83.8	83.6	83.4	83.3
105°	106.3	106.4	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5
107.5°	129.6	129.9	130.2	130.4	130.4	130.3	130.2	130.1	130.0	129.8	129.7
110°	152.7	152.6	152.5	152.5	152.6	152.9	153.1	153.4	153.6	153.4	153.3

TEST NUMBER: P1027176

CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	174.6	174.8	174.9	175.0	175.2	175.5	175.8	176.2	176.5	176.4	176.3
115°	196.7	197.2	197.7	197.9	198.1	198.4	198.7	199.0	199.3	199.2	199.2
117.5°	219.3	219.5	219.6	219.7	219.9	220.4	220.9	221.3	221.8	221.5	221.2
120°	240.9	241.2	241.6	241.8	241.9	242.1	242.2	242.4	242.6	242.4	242.1
122.5°	261.0	261.5	262.0	262.2	262.3	262.4	262.6	262.7	262.9	262.8	262.8
125°	280.9	281.1	281.4	281.5	281.7	282.0	282.3	282.6	282.9	282.9	282.9
127.5°	298.5	299.1	299.8	300.1	300.2	300.3	300.5	300.6	300.8	300.9	300.9
130°	316.6	317.0	317.4	317.6	317.7	317.9	318.2	318.4	318.6	318.5	318.5
132.5°	333.7	334.1	334.5	334.7	334.7	334.7	334.7	334.7	334.7	334.9	335.2
135°	349.2	349.7	350.2	350.4	350.5	350.7	350.8	351.0	351.2	351.4	351.5
137.5°	365.2	365.6	366.0	366.2	366.2	366.2	366.2	366.2	366.2	366.4	366.5
140°	379.2	379.7	380.2	380.4	380.3	380.2	380.0	379.9	379.7	379.8	379.9
142.5°	392.5	393.0	393.5	393.7	393.7	393.7	393.7	393.7	393.7	393.5	393.3
145°	405.3	405.8	406.3	406.5	406.5	406.4	406.3	406.3	406.2	406.2	406.2
147.5°	416.2	416.8	417.3	417.6	417.6	417.5	417.4	417.3	417.2	417.1	417.1
150°	426.7	427.4	428.0	428.3	428.2	428.1	427.9	427.8	427.6	427.4	427.3
152.5°	436.2	436.8	437.3	437.6	437.5	437.4	437.2	437.1	436.9	436.7	436.6
155°	444.6	445.2	445.9	446.2	446.1	445.8	445.6	445.3	445.1	444.9	444.8
157.5°	451.7	452.4	453.0	453.3	453.2	452.9	452.7	452.4	452.2	452.2	452.2
160°	458.5	459.1	459.8	460.1	459.9	459.6	459.3	459.0	458.7	458.6	458.5
162.5°	464.7	465.4	466.1	466.5	466.3	465.8	465.3	464.9	464.4	464.3	464.2
165°	469.9	470.6	471.2	471.5	471.3	470.8	470.3	469.9	469.4	469.3	469.2
167.5°	474.0	474.7	475.4	475.8	475.5	475.0	474.4	473.9	473.3	473.2	473.2
170°	477.2	477.9	478.6	479.0	478.7	478.1	477.4	476.8	476.2	476.1	476.0
172.5°	479.4	480.1	480.8	481.2	480.9	480.4	479.8	479.3	478.7	478.5	478.4
175°	481.2	481.9	482.6	483.0	482.7	482.0	481.4	480.7	480.1	480.0	480.0
177.5°	482.1	482.7	483.4	483.7	483.4	482.9	482.3	481.8	481.2	481.1	481.0
180°	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9

TEST NUMBER: P1027176

CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-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°	4.0	3.5	3.2	2.9	2.3	1.6	1.0	0.4	1.0	1.6	2.3
92.5°	4.3	3.8	3.6	4.0	4.7	5.4	6.1	6.8	6.1	5.4	4.7
95°	14.8	17.8	19.3	19.4	19.7	19.9	20.2	20.4	20.2	19.9	19.7
97.5°	29.1	36.6	40.4	40.2	39.7	39.2	38.7	38.2	38.7	39.2	39.7
100°	61.2	60.9	60.7	60.6	60.4	60.1	59.9	59.7	59.9	60.1	60.4
102.5°	83.1	83.0	82.9	82.7	82.4	82.1	81.7	81.4	81.7	82.1	82.4
105°	106.5	106.5	106.5	106.3	106.0	105.7	105.3	105.0	105.3	105.7	106.0
107.5°	129.5	129.4	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3
110°	153.1	153.0	152.9	152.9	152.9	152.9	152.9	152.9	152.9	152.9	152.9

TEST NUMBER: P1027176

CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	176.2	176.1	176.1	176.0	175.7	175.5	175.2	175.0	175.2	175.5	175.7
115°	199.1	199.0	199.0	198.8	198.4	198.0	197.6	197.2	197.6	198.0	198.4
117.5°	220.9	220.6	220.4	220.4	220.4	220.4	220.4	220.4	220.4	220.4	220.4
120°	241.9	241.6	241.5	241.5	241.6	241.7	241.7	241.8	241.7	241.7	241.6
122.5°	262.7	262.6	262.6	262.4	262.0	261.6	261.2	260.8	261.2	261.6	262.0
125°	282.9	282.9	282.9	282.6	282.1	281.5	281.0	280.4	281.0	281.5	282.1
127.5°	301.0	301.1	301.1	300.9	300.5	300.2	299.8	299.4	299.8	300.2	300.5
130°	318.4	318.3	318.3	318.1	317.7	317.3	316.9	316.5	316.9	317.3	317.7
132.5°	335.4	335.7	335.8	335.6	335.1	334.6	334.1	333.6	334.1	334.6	335.1
135°	351.7	351.8	351.9	351.7	351.2	350.7	350.2	349.7	350.2	350.7	351.2
137.5°	366.7	366.8	366.9	366.7	366.2	365.7	365.2	364.7	365.2	365.7	366.2
140°	380.0	380.1	380.1	380.0	379.9	379.7	379.6	379.4	379.6	379.7	379.9
142.5°	393.2	393.0	392.9	392.9	392.8	392.7	392.7	392.6	392.7	392.7	392.8
145°	406.2	406.2	406.2	406.1	406.0	405.8	405.7	405.5	405.7	405.8	406.0
147.5°	417.0	416.9	416.9	416.9	416.9	416.9	416.9	416.9	416.9	416.9	416.9
150°	427.1	427.0	426.9	427.0	427.1	427.3	427.4	427.6	427.4	427.3	427.1
152.5°	436.4	436.3	436.2	436.4	436.8	437.2	437.6	438.0	437.6	437.2	436.8
155°	444.6	444.5	444.4	444.6	445.1	445.6	446.0	446.5	446.0	445.6	445.1
157.5°	452.2	452.2	452.2	452.3	452.6	452.8	453.1	453.3	453.1	452.8	452.6
160°	458.4	458.3	458.3	458.5	459.0	459.5	460.0	460.5	460.0	459.5	459.0
162.5°	464.1	464.0	464.0	464.2	464.7	465.2	465.7	466.2	465.7	465.2	464.7
165°	469.1	469.0	469.0	469.2	469.7	470.2	470.7	471.2	470.7	470.2	469.7
167.5°	473.1	473.0	473.0	473.2	473.7	474.2	474.6	475.1	474.6	474.2	473.7
170°	475.9	475.8	475.8	476.1	476.6	477.2	477.7	478.3	477.7	477.2	476.6
172.5°	478.2	478.1	478.0	478.3	478.8	479.4	479.9	480.5	479.9	479.4	478.8
175°	479.9	479.8	479.8	480.0	480.5	481.0	481.4	481.9	481.4	481.0	480.5
177.5°	480.9	480.8	480.8	481.0	481.5	482.0	482.5	483.0	482.5	482.0	481.5
180°	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9

TEST NUMBER: P1027176

CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-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°	2.9	3.2	3.5	4.0	4.6	5.1	5.7	6.1	6.5	6.9	7.3
92.5°	4.0	3.6	3.8	4.3	4.8	5.2	5.7	6.1	6.5	6.9	7.3
95°	19.4	19.3	17.8	14.8	11.7	8.7	5.7	6.1	6.5	6.9	7.3
97.5°	40.2	40.4	36.6	29.1	21.5	14.0	6.4	6.6	6.7	6.9	7.0
100°	60.6	60.7	60.9	61.2	61.5	61.9	62.2	50.4	38.5	26.7	14.8
102.5°	82.7	82.9	83.0	83.1	83.3	83.4	83.6	83.8	83.9	84.1	84.2
105°	106.3	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5
107.5°	129.3	129.3	129.4	129.5	129.7	129.8	130.0	130.1	130.2	130.3	130.4
110°	152.9	152.9	153.0	153.1	153.3	153.4	153.6	153.4	153.1	152.9	152.6

TEST NUMBER: P1027176

CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	176.0	176.1	176.1	176.2	176.3	176.4	176.5	176.2	175.8	175.5	175.2
115°	198.8	199.0	199.0	199.1	199.2	199.2	199.3	199.0	198.7	198.4	198.1
117.5°	220.4	220.4	220.6	220.9	221.2	221.5	221.8	221.3	220.9	220.4	219.9
120°	241.5	241.5	241.6	241.9	242.1	242.4	242.6	242.4	242.2	242.1	241.9
122.5°	262.4	262.6	262.6	262.7	262.8	262.8	262.9	262.7	262.6	262.4	262.3
125°	282.6	282.9	282.9	282.9	282.9	282.9	282.9	282.6	282.3	282.0	281.7
127.5°	300.9	301.1	301.1	301.0	300.9	300.9	300.8	300.6	300.5	300.3	300.2
130°	318.1	318.3	318.3	318.4	318.5	318.5	318.6	318.4	318.2	317.9	317.7
132.5°	335.6	335.8	335.7	335.4	335.2	334.9	334.7	334.7	334.7	334.7	334.7
135°	351.7	351.9	351.8	351.7	351.5	351.4	351.2	351.0	350.8	350.7	350.5
137.5°	366.7	366.9	366.8	366.7	366.5	366.4	366.2	366.2	366.2	366.2	366.2
140°	380.0	380.1	380.1	380.0	379.9	379.8	379.7	379.9	380.0	380.2	380.3
142.5°	392.9	392.9	393.0	393.2	393.3	393.5	393.7	393.7	393.7	393.7	393.7
145°	406.1	406.2	406.2	406.2	406.2	406.2	406.2	406.3	406.3	406.4	406.5
147.5°	416.9	416.9	416.9	417.0	417.1	417.1	417.2	417.3	417.4	417.5	417.6
150°	427.0	426.9	427.0	427.1	427.3	427.4	427.6	427.8	427.9	428.1	428.2
152.5°	436.4	436.2	436.3	436.4	436.6	436.7	436.9	437.1	437.2	437.4	437.5
155°	444.6	444.4	444.5	444.6	444.8	444.9	445.1	445.3	445.6	445.8	446.1
157.5°	452.3	452.2	452.2	452.2	452.2	452.2	452.2	452.4	452.7	452.9	453.2
160°	458.5	458.3	458.3	458.4	458.5	458.6	458.7	459.0	459.3	459.6	459.9
162.5°	464.2	464.0	464.0	464.1	464.2	464.3	464.4	464.9	465.3	465.8	466.3
165°	469.2	469.0	469.0	469.1	469.2	469.3	469.4	469.9	470.3	470.8	471.3
167.5°	473.2	473.0	473.0	473.1	473.2	473.2	473.3	473.9	474.4	475.0	475.5
170°	476.1	475.8	475.8	475.9	476.0	476.1	476.2	476.8	477.4	478.1	478.7
172.5°	478.3	478.0	478.1	478.2	478.4	478.5	478.7	479.3	479.8	480.4	480.9
175°	480.0	479.8	479.8	479.9	480.0	480.0	480.1	480.7	481.4	482.0	482.7
177.5°	481.0	480.8	480.8	480.9	481.0	481.1	481.2	481.8	482.3	482.9	483.4
180°	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9

TEST NUMBER: P1027176

CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-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°	7.5	7.6	7.9	8.1	8.4	8.6	8.4	8.1	7.9	7.6	7.5
92.5°	7.5	7.5	7.6	7.7	7.8	7.9	7.8	7.7	7.6	7.5	7.5
95°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
97.5°	7.1	7.1	7.2	7.3	7.4	7.5	7.4	7.3	7.2	7.1	7.1
100°	8.9	8.7	8.4	8.1	7.8	7.5	7.8	8.1	8.4	8.7	8.9
102.5°	84.3	81.0	74.3	67.6	61.0	54.3	61.0	67.6	74.3	81.0	84.3
105°	106.5	106.5	106.4	106.3	106.2	106.1	106.2	106.3	106.4	106.5	106.5
107.5°	130.4	130.2	129.9	129.6	129.3	129.0	129.3	129.6	129.9	130.2	130.4
110°	152.5	152.5	152.6	152.7	152.8	152.9	152.8	152.7	152.6	152.5	152.5

TEST NUMBER: P1027176

CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	175.0	174.9	174.8	174.6	174.5	174.3	174.5	174.6	174.8	174.9	175.0
115°	197.9	197.7	197.2	196.7	196.3	195.8	196.3	196.7	197.2	197.7	197.9
117.5°	219.7	219.6	219.5	219.3	219.2	219.0	219.2	219.3	219.5	219.6	219.7
120°	241.8	241.6	241.2	240.9	240.5	240.1	240.5	240.9	241.2	241.6	241.8
122.5°	262.2	262.0	261.5	261.0	260.6	260.1	260.6	261.0	261.5	262.0	262.2
125°	281.5	281.4	281.1	280.9	280.6	280.4	280.6	280.9	281.1	281.4	281.5
127.5°	300.1	299.8	299.1	298.5	297.8	297.2	297.8	298.5	299.1	299.8	300.1
130°	317.6	317.4	317.0	316.6	316.2	315.8	316.2	316.6	317.0	317.4	317.6
132.5°	334.7	334.5	334.1	333.7	333.3	332.9	333.3	333.7	334.1	334.5	334.7
135°	350.4	350.2	349.7	349.2	348.8	348.3	348.8	349.2	349.7	350.2	350.4
137.5°	366.2	366.0	365.6	365.2	364.8	364.4	364.8	365.2	365.6	366.0	366.2
140°	380.4	380.2	379.7	379.2	378.8	378.3	378.8	379.2	379.7	380.2	380.4
142.5°	393.7	393.5	393.0	392.5	392.0	391.5	392.0	392.5	393.0	393.5	393.7
145°	406.5	406.3	405.8	405.3	404.9	404.4	404.9	405.3	405.8	406.3	406.5
147.5°	417.6	417.3	416.8	416.2	415.7	415.1	415.7	416.2	416.8	417.3	417.6
150°	428.3	428.0	427.4	426.7	426.1	425.5	426.1	426.7	427.4	428.0	428.3
152.5°	437.6	437.3	436.8	436.2	435.7	435.1	435.7	436.2	436.8	437.3	437.6
155°	446.2	445.9	445.2	444.6	443.9	443.3	443.9	444.6	445.2	445.9	446.2
157.5°	453.3	453.0	452.4	451.7	451.1	450.5	451.1	451.7	452.4	453.0	453.3
160°	460.1	459.8	459.1	458.5	457.8	457.2	457.8	458.5	459.1	459.8	460.1
162.5°	466.5	466.1	465.4	464.7	464.0	463.3	464.0	464.7	465.4	466.1	466.5
165°	471.5	471.2	470.6	469.9	469.3	468.7	469.3	469.9	470.6	471.2	471.5
167.5°	475.8	475.4	474.7	474.0	473.3	472.6	473.3	474.0	474.7	475.4	475.8
170°	479.0	478.6	477.9	477.2	476.5	475.8	476.5	477.2	477.9	478.6	479.0
172.5°	481.2	480.8	480.1	479.4	478.7	478.0	478.7	479.4	480.1	480.8	481.2
175°	483.0	482.6	481.9	481.2	480.5	479.8	480.5	481.2	481.9	482.6	483.0
177.5°	483.7	483.4	482.7	482.1	481.4	480.8	481.4	482.1	482.7	483.4	483.7
180°	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9

TEST NUMBER: P1027176

CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-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°	7.3	6.9	6.5	6.1	5.7	5.1	4.6	4.0	3.5	3.2	2.9
92.5°	7.3	6.9	6.5	6.1	5.7	5.2	4.8	4.3	3.8	3.6	4.0
95°	7.3	6.9	6.5	6.1	5.7	8.7	11.7	14.8	17.8	19.3	19.4
97.5°	7.0	6.9	6.7	6.6	6.4	14.0	21.5	29.1	36.6	40.4	40.2
100°	14.8	26.7	38.5	50.4	62.2	61.9	61.5	61.2	60.9	60.7	60.6
102.5°	84.2	84.1	83.9	83.8	83.6	83.4	83.3	83.1	83.0	82.9	82.7
105°	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.3
107.5°	130.4	130.3	130.2	130.1	130.0	129.8	129.7	129.5	129.4	129.3	129.3
110°	152.6	152.9	153.1	153.4	153.6	153.4	153.3	153.1	153.0	152.9	152.9

TEST NUMBER: P1027176

CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	175.2	175.5	175.8	176.2	176.5	176.4	176.3	176.2	176.1	176.1	176.0
115°	198.1	198.4	198.7	199.0	199.3	199.2	199.2	199.1	199.0	199.0	198.8
117.5°	219.9	220.4	220.9	221.3	221.8	221.5	221.2	220.9	220.6	220.4	220.4
120°	241.9	242.1	242.2	242.4	242.6	242.4	242.1	241.9	241.6	241.5	241.5
122.5°	262.3	262.4	262.6	262.7	262.9	262.8	262.8	262.7	262.6	262.6	262.4
125°	281.7	282.0	282.3	282.6	282.9	282.9	282.9	282.9	282.9	282.9	282.6
127.5°	300.2	300.3	300.5	300.6	300.8	300.9	300.9	301.0	301.1	301.1	300.9
130°	317.7	317.9	318.2	318.4	318.6	318.5	318.5	318.4	318.3	318.3	318.1
132.5°	334.7	334.7	334.7	334.7	334.7	334.9	335.2	335.4	335.7	335.8	335.6
135°	350.5	350.7	350.8	351.0	351.2	351.4	351.5	351.7	351.8	351.9	351.7
137.5°	366.2	366.2	366.2	366.2	366.2	366.4	366.5	366.7	366.8	366.9	366.7
140°	380.3	380.2	380.0	379.9	379.7	379.8	379.9	380.0	380.1	380.1	380.0
142.5°	393.7	393.7	393.7	393.7	393.7	393.5	393.3	393.2	393.0	392.9	392.9
145°	406.5	406.4	406.3	406.3	406.2	406.2	406.2	406.2	406.2	406.2	406.1
147.5°	417.6	417.5	417.4	417.3	417.2	417.1	417.1	417.0	416.9	416.9	416.9
150°	428.2	428.1	427.9	427.8	427.6	427.4	427.3	427.1	427.0	426.9	427.0
152.5°	437.5	437.4	437.2	437.1	436.9	436.7	436.6	436.4	436.3	436.2	436.4
155°	446.1	445.8	445.6	445.3	445.1	444.9	444.8	444.6	444.5	444.4	444.6
157.5°	453.2	452.9	452.7	452.4	452.2	452.2	452.2	452.2	452.2	452.2	452.3
160°	459.9	459.6	459.3	459.0	458.7	458.6	458.5	458.4	458.3	458.3	458.5
162.5°	466.3	465.8	465.3	464.9	464.4	464.3	464.2	464.1	464.0	464.0	464.2
165°	471.3	470.8	470.3	469.9	469.4	469.3	469.2	469.1	469.0	469.0	469.2
167.5°	475.5	475.0	474.4	473.9	473.3	473.2	473.2	473.1	473.0	473.0	473.2
170°	478.7	478.1	477.4	476.8	476.2	476.1	476.0	475.9	475.8	475.8	476.1
172.5°	480.9	480.4	479.8	479.3	478.7	478.5	478.4	478.2	478.1	478.0	478.3
175°	482.7	482.0	481.4	480.7	480.1	480.0	480.0	479.9	479.8	479.8	480.0
177.5°	483.4	482.9	482.3	481.8	481.2	481.1	481.0	480.9	480.8	480.8	481.0
180°	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9

TEST NUMBER: P1027176

CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-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°	2.3	1.6	1.0	0.4
92.5°	4.7	5.4	6.1	6.8
95°	19.7	19.9	20.2	20.4
97.5°	39.7	39.2	38.7	38.2
100°	60.4	60.1	59.9	59.7
102.5°	82.4	82.1	81.7	81.4
105°	106.0	105.7	105.3	105.0
107.5°	129.3	129.3	129.3	129.3
110°	152.9	152.9	152.9	152.9

TEST NUMBER: P1027176

CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	175.7	175.5	175.2	175.0
115°	198.4	198.0	197.6	197.2
117.5°	220.4	220.4	220.4	220.4
120°	241.6	241.7	241.7	241.8
122.5°	262.0	261.6	261.2	260.8
125°	282.1	281.5	281.0	280.4
127.5°	300.5	300.2	299.8	299.4
130°	317.7	317.3	316.9	316.5
132.5°	335.1	334.6	334.1	333.6
135°	351.2	350.7	350.2	349.7
137.5°	366.2	365.7	365.2	364.7
140°	379.9	379.7	379.6	379.4
142.5°	392.8	392.7	392.7	392.6
145°	406.0	405.8	405.7	405.5
147.5°	416.9	416.9	416.9	416.9
150°	427.1	427.3	427.4	427.6
152.5°	436.8	437.2	437.6	438.0
155°	445.1	445.6	446.0	446.5
157.5°	452.6	452.8	453.1	453.3
160°	459.0	459.5	460.0	460.5
162.5°	464.7	465.2	465.7	466.2
165°	469.7	470.2	470.7	471.2
167.5°	473.7	474.2	474.6	475.1
170°	476.6	477.2	477.7	478.3
172.5°	478.8	479.4	479.9	480.5
175°	480.5	481.0	481.4	481.9
177.5°	481.5	482.0	482.5	483.0
180°	481.9	481.9	481.9	481.9

(END OF REPORT)