

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: P1027930

Luminaire Tested: S125DIP-B375D850UB27-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027930
REPORT IS A COMBINATION OF REPORTS P1002061 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B375D850UB27-4F0-XX-W2A-A4
Description: Define 5 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

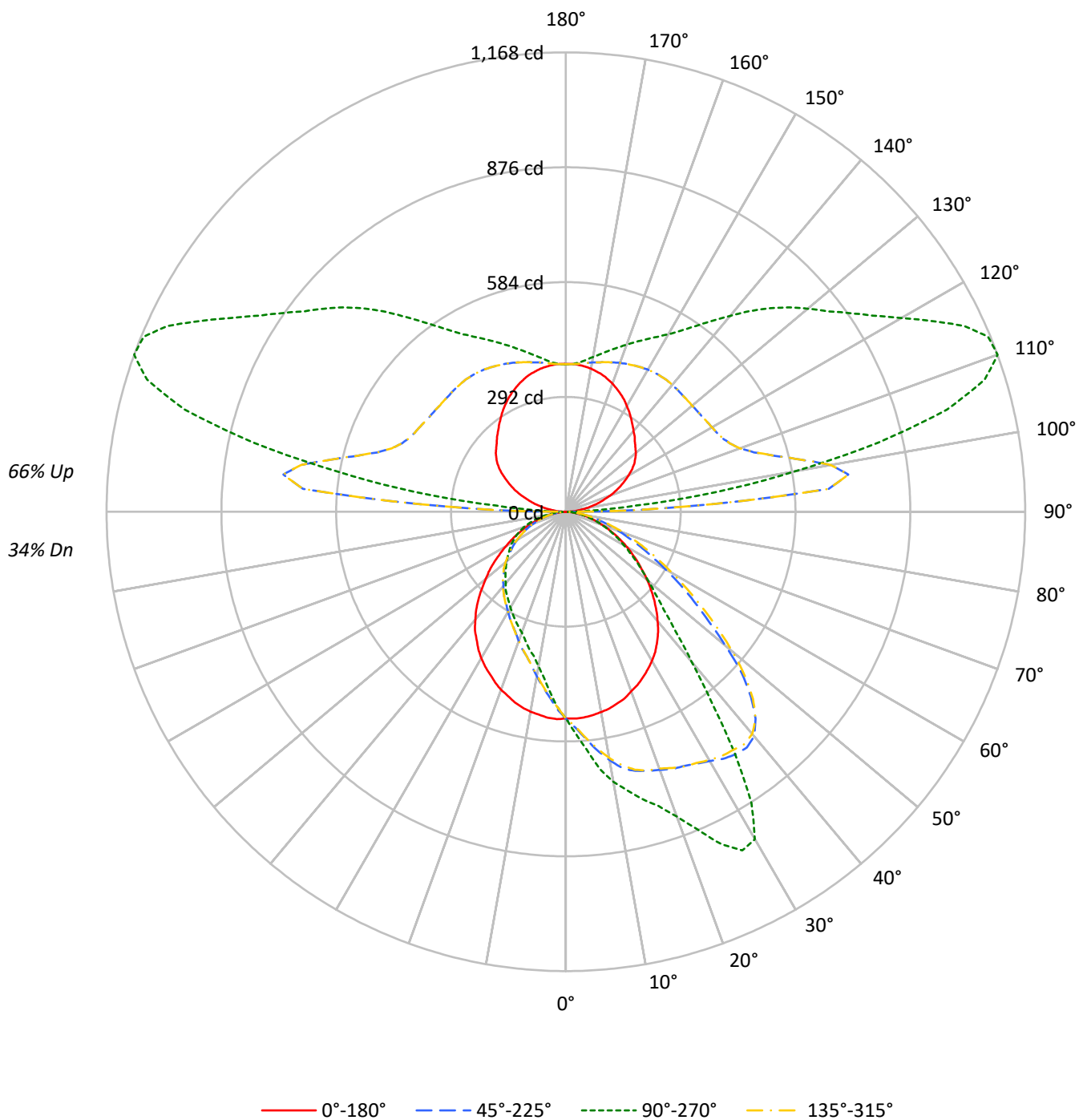
Lumens per Lamp: N/A
Luminaire Lumens: 4305.0 lumens
Efficiency: N/A
Efficacy: 126.2 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 34.1
Input Voltage (V):
Input Current (A_{in}): 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				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	103	103	103	103	93	93	93	93	75	75	75	58	58	58	42	42	42	34			
1	94	90	87	83	85	82	79	76	66	63	62	51	49	48	37	36	36	29			
2	86	79	73	68	78	72	67	62	58	54	51	45	42	40	33	31	30	25			
3	79	69	62	57	71	63	57	52	51	47	43	40	37	34	29	27	26	21			
4	72	61	54	48	65	56	49	44	45	40	37	35	32	29	26	24	22	18			
5	66	55	47	41	59	50	43	38	40	35	32	32	28	25	24	21	19	16			
6	61	49	41	36	55	45	38	33	36	31	27	29	25	22	21	19	17	14			
7	56	44	36	31	50	40	33	29	33	28	24	26	22	20	20	17	15	12			
8	52	40	32	27	47	36	30	25	30	25	21	24	20	17	18	15	14	11			
9	48	36	29	24	44	33	27	22	27	22	19	22	18	16	16	14	12	10			
10	45	33	26	22	41	30	24	20	25	20	17	20	17	14	15	13	11	9			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3367	3367	3367	3367
5°	3370	3820	3372	2898
10°	3349	4354	3344	2488
15°	3325	4721	3304	2248
20°	3282	5173	3253	2052
25°	3245	5927	3186	1936
30°	3192	6253	3137	1831
35°	3107	5013	3042	1746
40°	2975	3465	2931	1658
45°	2808	2579	2777	1584
50°	2617	2124	2574	1524
55°	2411	1811	2391	1473
60°	2208	1551	2170	1433
65°	1990	1339	1958	1375
70°	1760	1111	1735	1273
75°	1515	860	1494	1105
80°	1196	581	1154	813
85°	766	290	738	415

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 5143 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.6	1.2
10°-20°	150.7	3.5
20°-30°	244.7	5.7
30°-40°	299.1	6.9
40°-50°	271.3	6.3
50°-60°	216.1	5.0
60°-70°	150.5	3.5
70°-80°	80.2	1.9
80°-90°	21.4	0.5
90°-100°	273.2	6.3
100°-110°	589.0	13.7
110°-120°	549.2	12.8
120°-130°	444.8	10.3
130°-140°	357.1	8.3
140°-150°	269.4	6.3
150°-160°	189.7	4.4
160°-170°	111.8	2.6
170°-180°	36.4	0.8
0°-30°	446.0	10.4
0°-40°	745.0	17.3
0°-60°	1232.4	28.6
0°-90°	1484.5	34.5
90°-120°	1411.4	32.8
90°-150°	2482.7	57.7
90°-180°	2821.0	65.5
0°-180°	4305.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	526	526	526	526	526	
5°	525	606	526	460	525	50
15°	505	757	501	360	505	142
25°	464	932	456	304	464	214
35°	404	748	396	260	404	252
45°	318	352	314	216	318	245
55°	224	217	222	177	224	200
65°	138	133	136	137	138	137
75°	67	66	66	84	67	71
85°	13	15	13	21	13	16
90°	1	17	1	17	1	3
95°	25	178	25	178	25	26
105°	86	1003	86	1003	86	90
115°	153	1118	153	1118	153	151
125°	212	880	212	880	212	188
135°	248	731	248	731	248	193
145°	289	577	289	577	289	181
155°	330	484	330	484	330	152
165°	360	424	360	424	360	102
175°	375	381	375	381	375	36
180°	376	376	376	376	376	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5
2.5°	526.4	529.6	533.1	535.8	540.3	541.6	543.8	545.2	546.5	547.8	548.7
5°	525.1	532.7	539.4	544.3	552.8	555.9	559.9	564.8	570.6	575.5	578.6
7.5°	521.5	533.6	542.5	552.3	563.9	571.5	575.5	585.8	595.1	602.3	611.6
10°	517.1	531.3	545.2	559.9	576.4	584.9	592.9	607.2	620.1	631.7	641.1
12.5°	512.2	529.6	546.1	565.2	587.6	597.8	603.2	627.7	643.8	650.0	668.3
15°	504.6	525.1	548.7	572.4	591.1	603.2	617.9	637.5	653.6	667.4	682.1
17.5°	497.4	519.7	543.8	570.2	597.4	613.0	624.1	641.5	658.9	676.8	690.6
20°	485.8	514.8	539.4	567.5	599.6	610.8	622.4	642.9	661.6	680.8	698.2
22.5°	476.5	504.1	537.6	564.4	591.6	602.7	617.0	638.4	660.7	682.6	708.0
25°	464.4	495.2	524.2	552.8	580.9	592.9	605.8	633.5	656.7	684.8	712.9
27.5°	451.5	483.2	512.2	538.0	564.4	580.9	594.7	623.7	654.5	685.3	721.8
30°	437.7	467.5	495.2	520.6	549.6	566.6	580.4	614.3	648.7	687.9	731.7
32.5°	422.9	451.0	474.7	500.6	531.3	547.0	565.7	602.7	643.3	690.2	745.0
35°	404.2	431.0	451.9	478.3	509.0	529.1	548.7	590.2	637.5	689.7	752.6
37.5°	385.5	406.4	426.5	454.6	490.3	508.6	529.1	574.6	628.6	688.4	755.7
40°	363.1	383.7	401.1	429.6	467.1	488.1	509.5	557.2	618.3	683.5	744.6
42.5°	340.8	358.2	377.4	407.3	443.5	465.8	488.5	541.6	605.0	669.2	713.8
45°	317.6	331.0	352.0	379.2	417.6	439.0	464.9	522.4	586.2	643.3	665.6
47.5°	293.6	306.9	326.6	352.9	390.8	416.2	440.8	498.3	562.6	606.7	606.7
50°	270.4	281.1	300.2	326.6	364.9	388.1	413.1	474.2	526.0	558.6	529.6
52.5°	245.4	257.4	273.5	301.1	339.1	360.0	387.2	439.4	488.5	501.9	457.3
55°	223.5	233.3	248.5	274.8	310.1	331.9	355.1	405.1	446.6	445.7	397.9
57.5°	200.8	208.8	224.8	248.9	281.5	301.1	324.3	367.6	401.5	389.5	344.4
60°	179.8	185.6	201.2	220.8	252.1	270.4	292.7	327.9	353.8	336.8	291.3
62.5°	157.9	164.6	177.1	196.3	224.0	238.7	255.2	290.9	307.4	292.2	245.8
65°	138.3	143.7	154.8	170.9	195.9	209.2	223.5	253.0	268.6	246.7	208.3
67.5°	118.7	124.9	132.9	147.2	166.9	179.3	191.8	217.3	224.4	204.8	172.7
70°	100.4	105.7	113.3	123.6	140.1	151.2	160.6	181.6	186.5	168.2	142.8
72.5°	82.5	86.1	92.3	100.8	116.0	122.2	132.1	146.3	152.6	136.1	117.8
75°	66.9	69.6	73.6	79.9	90.1	96.8	104.8	118.2	117.8	106.2	93.2
77.5°	51.8	52.2	56.7	62.5	68.7	74.5	78.5	87.9	88.8	81.6	70.9
80°	37.0	38.4	40.2	44.6	50.0	52.2	57.1	62.9	63.8	58.4	51.3
82.5°	23.6	24.5	25.9	28.6	32.1	34.8	37.5	39.7	41.9	38.8	33.0
85°	13.4	13.8	15.2	16.1	17.8	19.2	21.4	23.6	23.2	21.0	19.2
87.5°	6.7	6.7	6.7	7.6	8.5	8.5	9.4	9.8	10.3	9.4	8.5
90°	0.8	1.5	3.0	4.5	6.1	6.8	7.6	8.3	9.8	10.6	12.1
92.5°	11.4	13.6	21.2	32.6	48.5	62.1	75.7	127.2	213.5	307.4	302.1
95°	25.0	25.7	31.8	40.1	56.8	73.8	90.9	171.9	338.4	547.4	670.8
97.5°	38.6	39.4	43.9	52.2	67.4	79.9	92.4	148.4	276.3	502.0	724.5
100°	53.0	54.5	57.5	65.9	80.3	91.6	103.0	146.9	245.3	436.1	683.7
102.5°	68.9	69.7	71.9	81.0	93.9	104.8	115.8	153.7	232.4	386.1	611.7
105°	85.6	85.6	89.3	96.9	109.0	119.6	130.2	163.5	230.9	357.3	548.9
107.5°	101.5	103.0	106.8	112.8	125.7	135.2	144.6	177.2	236.2	342.2	502.0
110°	118.9	120.4	123.4	130.2	141.6	151.4	161.3	192.3	244.5	336.1	470.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	136.3	137.8	140.1	146.9	158.2	167.7	177.2	206.7	255.1	336.1	452.7
115°	152.9	154.4	156.7	163.5	174.9	184.4	193.8	221.8	265.7	338.4	440.6
117.5°	168.1	170.3	172.6	179.4	192.3	201.4	210.5	237.0	277.9	342.2	433.8
120°	183.2	185.5	188.5	195.3	208.2	217.6	227.1	253.6	290.0	348.3	429.3
122.5°	199.1	200.6	202.9	209.7	224.1	233.6	243.0	269.5	303.6	353.6	425.5
125°	212.0	213.5	217.3	224.1	238.5	248.4	258.2	283.2	315.7	359.6	422.5
127.5°	222.6	224.9	229.4	237.7	252.9	262.8	272.6	296.8	327.1	366.4	420.9
130°	232.4	234.7	240.8	250.6	266.5	276.4	286.2	309.7	338.4	372.5	419.4
132.5°	240.0	243.0	250.6	262.0	278.6	288.5	298.3	321.8	348.3	379.3	419.4
135°	248.3	251.4	260.4	272.6	288.5	298.7	308.9	332.4	357.3	385.4	419.4
137.5°	258.9	261.2	269.5	281.6	297.5	308.1	318.7	339.9	364.2	391.4	420.2
140°	268.0	270.3	279.4	291.5	305.9	316.1	326.3	348.3	371.0	395.2	420.9
142.5°	278.6	280.1	288.5	300.6	314.2	323.6	333.1	353.6	374.8	397.5	421.7
145°	289.2	290.7	298.3	308.9	322.5	331.2	339.9	359.6	378.5	399.0	420.9
147.5°	300.6	301.3	308.1	318.0	330.1	338.0	346.0	363.4	380.8	399.7	419.4
150°	310.4	311.9	317.2	327.1	337.7	344.1	350.5	367.2	383.1	399.7	417.2
152.5°	321.0	321.8	326.3	334.6	344.5	350.2	355.8	371.0	384.6	399.0	414.1
155°	330.1	330.1	334.6	342.2	349.8	355.1	360.4	373.2	385.4	397.5	410.3
157.5°	338.4	338.4	342.2	349.0	355.8	360.0	364.2	375.5	386.1	396.0	406.6
160°	346.7	346.0	349.0	354.3	360.4	363.8	367.2	377.0	386.1	393.7	402.8
162.5°	353.6	352.8	355.8	360.4	364.9	367.5	370.2	378.5	385.4	391.4	398.2
165°	360.4	358.9	361.1	364.9	367.9	370.2	372.5	378.5	384.6	389.1	393.7
167.5°	364.9	364.2	365.7	367.9	370.2	371.7	373.2	378.5	383.1	385.4	389.1
170°	369.5	368.7	369.5	371.0	372.5	373.6	374.8	378.5	381.6	383.1	385.4
172.5°	372.5	371.0	371.7	373.2	374.0	374.4	374.8	377.8	380.1	380.1	380.8
175°	374.8	373.2	374.0	374.8	374.8	374.8	374.8	377.0	378.5	377.8	377.8
177.5°	376.3	374.8	374.8	375.5	374.8	374.8	374.8	376.3	377.0	375.5	375.5
180°	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5
2.5°	549.6	552.8	555.4	557.7	559.4	562.1	560.3	560.8	561.7	563.5	563.5
5°	585.3	590.2	592.9	601.8	604.1	603.6	602.3	609.4	609.0	606.3	605.8
7.5°	620.1	628.6	636.2	643.3	645.5	651.3	652.7	655.8	654.9	659.4	657.1
10°	651.8	665.2	672.3	683.0	685.7	688.4	691.9	693.7	697.7	697.3	697.3
12.5°	676.3	692.4	701.8	704.4	714.7	717.8	720.9	726.7	725.4	725.9	728.5
15°	695.5	711.1	719.2	731.7	738.8	742.4	747.7	754.0	753.1	757.1	756.2
17.5°	709.8	724.5	739.2	758.0	758.4	767.8	780.3	783.0	788.8	784.7	784.7
20°	721.4	741.0	762.0	786.1	788.8	794.6	809.7	820.0	826.7	824.4	825.8
22.5°	733.9	762.0	786.5	810.6	823.6	833.8	848.5	864.6	870.4	874.0	873.1
25°	749.9	779.4	815.5	849.0	862.4	882.0	901.6	917.2	921.7	931.5	922.6
27.5°	766.5	807.9	853.0	892.3	909.2	925.3	948.9	960.5	966.3	970.8	967.7
30°	780.3	837.4	886.5	922.6	934.6	944.0	957.4	960.1	957.8	961.4	965.9
32.5°	801.7	857.5	899.0	916.4	915.0	914.6	904.3	890.0	886.9	878.4	890.0
35°	813.3	857.9	874.0	850.8	841.4	824.4	791.9	770.5	751.7	747.7	748.6
37.5°	806.6	824.0	804.8	743.7	728.5	702.7	659.4	629.0	615.2	604.5	618.3
40°	770.5	751.3	698.6	624.1	602.3	577.7	537.1	520.6	501.0	497.0	515.3
42.5°	710.7	652.2	577.7	520.2	497.4	483.6	449.7	434.1	420.3	414.0	424.3
45°	629.5	558.6	483.6	436.3	417.1	400.6	380.5	364.0	355.1	352.4	360.9
47.5°	545.6	470.7	410.9	375.6	355.6	343.1	324.3	315.0	307.8	308.7	310.1
50°	465.3	397.1	351.1	315.9	306.0	296.2	283.7	275.7	272.1	273.5	272.6
52.5°	396.2	340.8	302.0	274.8	270.4	261.0	250.7	244.0	242.7	243.1	244.5
55°	335.5	292.2	261.4	241.8	236.9	230.2	224.0	219.5	215.9	217.3	216.8
57.5°	289.5	251.6	228.0	211.9	208.3	204.3	198.5	196.3	195.0	192.3	194.5
60°	248.9	218.2	197.6	187.8	184.7	182.0	175.8	173.1	172.2	170.9	174.4
62.5°	210.6	188.7	173.1	164.2	161.1	158.4	155.3	153.0	153.5	151.7	153.5
65°	180.2	162.4	151.2	143.2	139.2	137.4	137.0	133.4	132.9	133.4	133.8
67.5°	152.1	137.0	128.5	123.6	120.5	118.7	117.3	115.1	116.9	115.5	116.4
70°	126.7	116.4	107.5	102.6	101.3	101.7	99.5	98.6	99.0	98.1	99.0
72.5°	102.2	93.7	90.1	86.5	84.8	84.3	83.0	81.6	83.0	82.5	82.5
75°	81.6	75.4	71.4	69.2	69.2	68.3	66.0	66.0	66.0	65.6	66.0
77.5°	62.9	57.6	55.8	53.5	53.5	52.2	51.8	51.8	50.9	52.2	51.3
80°	46.8	42.8	40.2	38.8	38.8	38.4	37.5	37.0	37.5	37.0	37.0
82.5°	30.3	28.6	27.2	25.9	25.4	25.9	25.4	24.5	25.0	24.5	25.4
85°	17.4	15.6	15.6	14.7	15.2	14.3	14.7	13.8	13.4	14.7	13.8
87.5°	7.6	7.1	7.1	6.2	6.2	6.2	5.8	6.2	5.8	5.4	5.8
90°	12.9	13.6	14.4	15.1	15.9	16.7	16.7	16.7	17.4	17.4	17.4
92.5°	243.8	164.3	118.1	87.8	80.6	73.4	61.3	59.1	57.5	56.0	57.5
95°	656.4	544.3	429.3	336.1	304.4	272.6	218.8	196.1	190.0	177.9	190.0
97.5°	819.9	780.6	689.0	595.1	549.6	504.2	458.8	419.4	399.0	389.9	399.0
100°	872.9	931.2	894.1	816.1	776.8	737.4	685.2	630.7	602.6	590.5	602.6
102.5°	841.1	981.9	1019.8	992.5	969.0	945.6	888.8	854.0	823.0	814.6	823.0
105°	766.2	947.9	1051.6	1084.9	1080.8	1076.6	1052.4	1027.4	1012.2	1003.1	1012.2
107.5°	695.0	878.2	1015.3	1095.5	1112.2	1128.8	1135.6	1131.9	1124.3	1116.7	1124.3
110°	636.0	799.5	943.3	1050.1	1082.2	1114.4	1148.5	1162.9	1168.2	1168.2	1168.2

TEST NUMBER: P1027930

CATALOG NUMBER: S125DIP-B375D850UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	592.0	737.4	872.2	980.4	1019.8	1059.2	1112.9	1140.2	1155.3	1162.1	1155.3
115°	562.5	687.4	804.8	908.5	949.8	991.0	1050.1	1086.4	1107.6	1117.5	1107.6
117.5°	542.8	652.6	756.3	847.2	886.2	925.2	985.0	1022.8	1044.0	1050.1	1044.0
120°	526.9	625.4	716.2	799.5	832.8	866.1	922.1	958.5	978.9	985.0	978.9
122.5°	513.3	604.9	687.4	759.4	790.0	820.7	869.1	901.7	922.1	927.4	922.1
125°	501.2	585.2	662.5	728.3	755.6	782.8	825.2	856.3	872.9	880.5	872.9
127.5°	489.8	564.8	638.2	700.3	726.0	751.8	790.4	818.4	834.3	837.3	834.3
130°	478.5	545.9	612.5	671.5	696.2	720.8	758.6	783.6	798.7	803.3	798.7
132.5°	469.4	526.9	588.3	640.5	664.0	687.4	725.3	750.3	763.9	769.2	763.9
135°	462.6	511.0	563.3	611.7	633.3	654.9	688.2	713.2	726.8	731.4	726.8
137.5°	455.8	496.7	540.6	582.2	601.2	620.1	650.3	673.8	686.7	692.0	686.7
140°	451.2	485.3	520.9	555.7	571.6	587.5	615.5	635.2	646.6	650.3	646.6
142.5°	447.4	475.5	504.2	533.0	546.2	559.5	582.2	598.1	608.7	611.7	608.7
145°	443.7	467.1	490.6	514.1	524.3	534.5	552.7	565.5	573.9	576.9	573.9
147.5°	439.9	458.8	478.5	497.4	505.4	513.3	528.5	539.0	544.3	545.9	544.3
150°	435.3	452.0	468.6	483.0	489.8	496.7	508.0	517.1	520.1	520.9	520.1
152.5°	430.0	444.4	458.8	471.7	476.6	481.5	490.6	497.4	500.4	501.2	500.4
155°	424.0	436.8	449.0	459.6	463.8	467.9	475.5	480.8	483.0	483.8	483.0
157.5°	418.7	429.3	439.9	448.2	451.6	455.0	461.1	465.6	467.9	467.9	467.9
160°	411.9	421.7	429.3	436.8	439.4	442.1	447.4	451.2	452.7	452.0	452.7
162.5°	405.8	413.4	420.2	426.2	428.5	430.8	434.6	437.6	437.6	437.6	437.6
165°	399.7	405.8	411.1	415.6	417.5	419.4	422.5	424.0	424.0	424.0	424.0
167.5°	393.7	398.2	402.0	405.8	407.3	408.8	410.3	411.9	411.1	411.1	411.1
170°	388.4	392.2	394.4	396.7	397.4	398.2	399.7	400.5	400.5	399.7	400.5
172.5°	383.1	385.4	387.6	389.1	389.5	389.9	389.9	391.4	389.9	389.1	389.9
175°	378.5	380.8	380.8	382.3	382.3	382.3	382.3	383.1	381.6	380.8	381.6
177.5°	376.3	377.0	377.8	377.8	377.8	377.8	377.0	377.8	375.5	375.5	375.5
180°	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5

TEST NUMBER: P1027930

CATALOG NUMBER: S125DIP-B375D850UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5
2.5°	562.6	559.4	560.3	559.4	557.2	555.9	552.3	547.8	546.1	543.8	542.5
5°	607.6	605.4	605.0	601.4	600.5	595.1	586.2	581.8	576.4	571.0	565.7
7.5°	656.7	654.0	645.1	643.8	644.7	638.0	626.4	617.4	606.3	598.7	588.4
10°	697.3	691.9	684.4	684.8	681.7	672.8	661.2	651.8	635.7	625.9	611.2
12.5°	721.8	717.4	716.5	712.0	709.3	697.7	683.9	671.9	659.8	646.4	635.3
15°	751.7	745.9	741.9	735.7	733.9	721.8	706.7	692.8	679.0	666.5	642.9
17.5°	784.7	778.5	763.3	762.0	751.3	739.7	725.0	704.4	689.7	671.9	654.5
20°	822.2	813.3	793.7	788.8	780.3	761.1	741.0	718.3	694.6	676.3	655.8
22.5°	864.2	848.5	834.3	818.6	812.4	788.8	761.1	733.4	704.9	679.9	655.4
25°	918.6	898.1	878.0	862.4	851.7	820.9	783.8	747.3	714.3	681.7	649.6
27.5°	961.4	943.6	921.7	901.2	887.4	850.8	808.4	761.1	720.1	680.3	646.0
30°	964.5	959.2	945.8	934.6	919.5	880.2	833.4	779.8	729.0	680.8	638.9
32.5°	906.1	916.8	922.6	924.4	921.3	898.5	855.7	796.8	737.0	676.8	632.6
35°	780.3	808.8	844.1	857.5	870.4	882.4	860.1	808.8	739.7	675.9	622.8
37.5°	642.4	668.3	726.7	753.5	768.7	816.4	834.7	807.0	745.0	676.8	613.4
40°	518.4	559.4	601.4	637.5	661.2	714.7	771.4	777.6	737.5	668.3	601.4
42.5°	436.3	460.4	492.1	525.5	546.5	609.9	686.6	731.7	713.8	654.5	586.7
45°	371.6	389.5	419.4	430.5	457.3	518.0	599.2	664.3	673.2	632.6	569.7
47.5°	319.0	334.2	353.3	367.2	388.6	434.1	502.8	574.6	617.4	602.7	546.1
50°	281.1	293.6	309.6	317.6	331.5	372.5	424.3	495.7	553.2	558.1	515.3
52.5°	249.4	256.5	269.0	277.9	289.1	314.1	360.9	419.8	484.5	511.3	477.4
55°	221.7	227.5	238.7	244.5	250.3	271.7	308.3	361.8	422.5	457.7	438.5
57.5°	196.7	201.7	211.0	216.4	219.5	240.0	268.1	310.1	364.5	407.3	396.6
60°	176.2	180.7	186.0	190.1	193.6	210.6	230.2	264.1	312.7	354.2	351.6
62.5°	154.4	158.4	164.2	168.2	171.3	182.0	198.5	224.4	265.9	304.3	311.8
65°	135.2	138.3	142.3	144.1	148.1	156.1	169.5	192.7	226.6	261.0	266.3
67.5°	117.8	118.7	121.3	125.4	126.3	133.4	145.4	162.8	189.2	217.3	225.7
70°	99.0	100.4	102.6	105.7	107.5	112.0	122.2	133.8	156.6	181.1	187.4
72.5°	82.5	84.3	85.2	87.0	87.9	95.0	99.5	111.1	126.7	147.2	153.9
75°	66.9	68.7	69.2	70.0	70.9	74.1	80.3	87.4	100.4	113.8	122.7
77.5°	53.1	52.6	53.5	54.9	54.4	57.1	61.1	67.4	75.8	87.0	92.8
80°	37.5	37.5	38.8	40.2	39.7	42.4	43.7	48.2	55.3	62.5	64.7
82.5°	25.0	25.0	26.3	26.3	27.2	27.7	29.4	31.7	37.5	41.0	42.4
85°	14.3	14.3	14.7	14.7	14.7	15.6	17.0	17.8	19.6	21.9	22.8
87.5°	5.8	6.2	6.2	6.2	6.2	7.1	7.1	8.0	8.5	9.4	9.4
90°	16.7	16.7	16.7	15.9	15.1	14.4	13.6	12.9	12.1	10.6	9.8
92.5°	59.1	61.3	73.4	80.6	87.8	118.1	164.3	243.8	302.1	307.4	213.5
95°	196.1	218.8	272.6	304.4	336.1	429.3	544.3	656.4	670.8	547.4	338.4
97.5°	419.4	458.8	504.2	549.6	595.1	689.0	780.6	819.9	724.5	502.0	276.3
100°	630.7	685.2	737.4	776.8	816.1	894.1	931.2	872.9	683.7	436.1	245.3
102.5°	854.0	888.8	945.6	969.0	992.5	1019.8	981.9	841.1	611.7	386.1	232.4
105°	1027.4	1052.4	1076.6	1080.8	1084.9	1051.6	947.9	766.2	548.9	357.3	230.9
107.5°	1131.9	1135.6	1128.8	1112.2	1095.5	1015.3	878.2	695.0	502.0	342.2	236.2
110°	1162.9	1148.5	1114.4	1082.2	1050.1	943.3	799.5	636.0	470.9	336.1	244.5

TEST NUMBER: P1027930

CATALOG NUMBER: S125DIP-B375D850UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1140.2	1112.9	1059.2	1019.8	980.4	872.2	737.4	592.0	452.7	336.1	255.1
115°	1086.4	1050.1	991.0	949.8	908.5	804.8	687.4	562.5	440.6	338.4	265.7
117.5°	1022.8	985.0	925.2	886.2	847.2	756.3	652.6	542.8	433.8	342.2	277.9
120°	958.5	922.1	866.1	832.8	799.5	716.2	625.4	526.9	429.3	348.3	290.0
122.5°	901.7	869.1	820.7	790.0	759.4	687.4	604.9	513.3	425.5	353.6	303.6
125°	856.3	825.2	782.8	755.6	728.3	662.5	585.2	501.2	422.5	359.6	315.7
127.5°	818.4	790.4	751.8	726.0	700.3	638.2	564.8	489.8	420.9	366.4	327.1
130°	783.6	758.6	720.8	696.2	671.5	612.5	545.9	478.5	419.4	372.5	338.4
132.5°	750.3	725.3	687.4	664.0	640.5	588.3	526.9	469.4	419.4	379.3	348.3
135°	713.2	688.2	654.9	633.3	611.7	563.3	511.0	462.6	419.4	385.4	357.3
137.5°	673.8	650.3	620.1	601.2	582.2	540.6	496.7	455.8	420.2	391.4	364.2
140°	635.2	615.5	587.5	571.6	555.7	520.9	485.3	451.2	420.9	395.2	371.0
142.5°	598.1	582.2	559.5	546.2	533.0	504.2	475.5	447.4	421.7	397.5	374.8
145°	565.5	552.7	534.5	524.3	514.1	490.6	467.1	443.7	420.9	399.0	378.5
147.5°	539.0	528.5	513.3	505.4	497.4	478.5	458.8	439.9	419.4	399.7	380.8
150°	517.1	508.0	496.7	489.8	483.0	468.6	452.0	435.3	417.2	399.7	383.1
152.5°	497.4	490.6	481.5	476.6	471.7	458.8	444.4	430.0	414.1	399.0	384.6
155°	480.8	475.5	467.9	463.8	459.6	449.0	436.8	424.0	410.3	397.5	385.4
157.5°	465.6	461.1	455.0	451.6	448.2	439.9	429.3	418.7	406.6	396.0	386.1
160°	451.2	447.4	442.1	439.4	436.8	429.3	421.7	411.9	402.8	393.7	386.1
162.5°	437.6	434.6	430.8	428.5	426.2	420.2	413.4	405.8	398.2	391.4	385.4
165°	424.0	422.5	419.4	417.5	415.6	411.1	405.8	399.7	393.7	389.1	384.6
167.5°	411.9	410.3	408.8	407.3	405.8	402.0	398.2	393.7	389.1	385.4	383.1
170°	400.5	399.7	398.2	397.4	396.7	394.4	392.2	388.4	385.4	383.1	381.6
172.5°	391.4	389.9	389.9	389.5	389.1	387.6	385.4	383.1	380.8	380.1	380.1
175°	383.1	382.3	382.3	382.3	382.3	380.8	380.8	378.5	377.8	377.8	378.5
177.5°	377.8	377.0	377.8	377.8	377.8	377.8	377.0	376.3	375.5	375.5	377.0
180°	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5

TEST NUMBER: P1027930

CATALOG NUMBER: S125DIP-B375D850UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5
2.5°	540.7	538.5	535.8	535.8	532.7	531.3	528.7	527.8	525.5	522.0	519.3
5°	559.9	554.1	550.5	547.4	540.7	535.8	530.9	525.5	520.2	513.9	506.8
7.5°	578.6	567.9	563.0	557.7	547.8	537.6	527.8	520.6	513.5	503.7	494.8
10°	598.3	584.9	576.0	568.8	553.6	540.7	526.4	516.2	505.0	492.5	480.9
12.5°	614.8	597.4	589.8	576.4	559.0	543.4	525.5	509.9	495.2	480.5	466.2
15°	628.6	612.1	593.4	588.0	563.9	541.6	521.5	501.4	483.2	468.4	451.9
17.5°	633.1	612.1	602.7	589.8	561.2	538.0	512.6	490.7	473.3	451.5	438.5
20°	634.4	614.3	601.4	589.3	563.9	533.1	508.1	481.4	460.4	438.5	418.0
22.5°	630.8	607.2	594.7	583.1	554.5	528.2	499.2	469.8	445.2	425.2	404.6
25°	624.1	596.5	584.4	571.9	544.7	515.7	484.1	455.9	433.2	409.1	389.0
27.5°	615.2	583.5	569.7	556.8	530.0	502.8	472.9	443.9	418.5	393.0	374.3
30°	604.1	567.5	555.0	538.0	512.2	486.3	459.1	430.1	401.5	377.4	356.9
32.5°	589.8	551.4	534.9	518.8	490.7	467.1	441.2	414.0	386.3	362.7	341.3
35°	576.8	533.1	514.8	498.8	467.5	442.6	421.1	395.7	371.2	346.6	327.5
37.5°	559.4	514.8	493.0	476.5	444.8	419.4	399.3	379.7	353.8	330.1	312.3
40°	541.2	492.1	471.6	455.1	422.0	394.4	375.2	357.8	336.8	315.0	296.2
42.5°	524.6	470.2	448.4	428.3	394.8	370.3	350.7	337.3	318.1	298.5	281.5
45°	503.7	447.0	423.4	402.4	370.3	343.5	324.8	314.1	299.8	280.6	265.9
47.5°	482.3	422.0	397.5	377.0	342.2	318.5	300.2	290.0	280.2	265.0	250.3
50°	454.2	395.7	373.4	349.8	315.4	291.3	276.2	265.9	258.3	247.6	235.1
52.5°	423.4	368.5	344.4	323.9	290.0	268.1	250.7	244.9	237.3	229.3	218.6
55°	390.8	339.1	315.9	295.8	264.6	242.2	228.0	221.7	215.9	209.7	202.5
57.5°	358.2	308.3	286.4	268.6	239.6	218.2	206.6	198.1	194.1	190.5	184.7
60°	317.6	275.3	258.3	242.2	213.7	194.1	182.9	176.7	173.1	171.3	168.6
62.5°	282.0	247.2	228.4	212.8	190.1	172.7	161.9	157.0	153.9	153.0	149.9
65°	244.0	214.1	199.4	186.0	166.4	150.8	141.9	136.1	133.8	133.4	133.4
67.5°	208.3	184.3	169.5	160.2	143.2	129.4	120.9	118.7	117.3	115.5	115.1
70°	174.9	155.7	142.8	134.7	119.6	109.3	102.6	99.0	99.0	97.7	96.8
72.5°	145.4	126.3	117.8	111.1	98.6	89.7	84.8	83.9	80.7	80.3	80.3
75°	113.8	99.5	93.7	87.9	78.5	72.3	68.3	66.0	64.2	64.2	64.7
77.5°	85.7	75.8	70.5	66.0	59.3	55.3	52.2	51.3	49.5	49.5	49.5
80°	60.7	55.3	51.3	47.7	42.8	39.3	37.5	35.7	35.7	35.2	35.7
82.5°	39.3	34.8	32.6	32.1	27.7	26.3	24.1	24.5	23.2	22.8	23.6
85°	22.8	20.5	17.8	17.0	15.2	13.4	12.5	12.9	12.5	12.0	12.5
87.5°	8.9	7.6	7.1	7.1	5.8	5.4	4.9	5.4	4.5	4.5	4.9
90°	8.3	7.6	6.8	6.1	4.5	3.0	1.5	0.8	1.5	3.0	4.5
92.5°	127.2	75.7	62.1	48.5	32.6	21.2	13.6	11.4	13.6	21.2	32.6
95°	171.9	90.9	73.8	56.8	40.1	31.8	25.7	25.0	25.7	31.8	40.1
97.5°	148.4	92.4	79.9	67.4	52.2	43.9	39.4	38.6	39.4	43.9	52.2
100°	146.9	103.0	91.6	80.3	65.9	57.5	54.5	53.0	54.5	57.5	65.9
102.5°	153.7	115.8	104.8	93.9	81.0	71.9	69.7	68.9	69.7	71.9	81.0
105°	163.5	130.2	119.6	109.0	96.9	89.3	85.6	85.6	85.6	89.3	96.9
107.5°	177.2	144.6	135.2	125.7	112.8	106.8	103.0	101.5	103.0	106.8	112.8
110°	192.3	161.3	151.4	141.6	130.2	123.4	120.4	118.9	120.4	123.4	130.2

TEST NUMBER: P1027930

CATALOG NUMBER: S125DIP-B375D850UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	206.7	177.2	167.7	158.2	146.9	140.1	137.8	136.3	137.8	140.1	146.9
115°	221.8	193.8	184.4	174.9	163.5	156.7	154.4	152.9	154.4	156.7	163.5
117.5°	237.0	210.5	201.4	192.3	179.4	172.6	170.3	168.1	170.3	172.6	179.4
120°	253.6	227.1	217.6	208.2	195.3	188.5	185.5	183.2	185.5	188.5	195.3
122.5°	269.5	243.0	233.6	224.1	209.7	202.9	200.6	199.1	200.6	202.9	209.7
125°	283.2	258.2	248.4	238.5	224.1	217.3	213.5	212.0	213.5	217.3	224.1
127.5°	296.8	272.6	262.8	252.9	237.7	229.4	224.9	222.6	224.9	229.4	237.7
130°	309.7	286.2	276.4	266.5	250.6	240.8	234.7	232.4	234.7	240.8	250.6
132.5°	321.8	298.3	288.5	278.6	262.0	250.6	243.0	240.0	243.0	250.6	262.0
135°	332.4	308.9	298.7	288.5	272.6	260.4	251.4	248.3	251.4	260.4	272.6
137.5°	339.9	318.7	308.1	297.5	281.6	269.5	261.2	258.9	261.2	269.5	281.6
140°	348.3	326.3	316.1	305.9	291.5	279.4	270.3	268.0	270.3	279.4	291.5
142.5°	353.6	333.1	323.6	314.2	300.6	288.5	280.1	278.6	280.1	288.5	300.6
145°	359.6	339.9	331.2	322.5	308.9	298.3	290.7	289.2	290.7	298.3	308.9
147.5°	363.4	346.0	338.0	330.1	318.0	308.1	301.3	300.6	301.3	308.1	318.0
150°	367.2	350.5	344.1	337.7	327.1	317.2	311.9	310.4	311.9	317.2	327.1
152.5°	371.0	355.8	350.2	344.5	334.6	326.3	321.8	321.0	321.8	326.3	334.6
155°	373.2	360.4	355.1	349.8	342.2	334.6	330.1	330.1	330.1	334.6	342.2
157.5°	375.5	364.2	360.0	355.8	349.0	342.2	338.4	338.4	338.4	342.2	349.0
160°	377.0	367.2	363.8	360.4	354.3	349.0	346.0	346.7	346.0	349.0	354.3
162.5°	378.5	370.2	367.5	364.9	360.4	355.8	352.8	353.6	352.8	355.8	360.4
165°	378.5	372.5	370.2	367.9	364.9	361.1	358.9	360.4	358.9	361.1	364.9
167.5°	378.5	373.2	371.7	370.2	367.9	365.7	364.2	364.9	364.2	365.7	367.9
170°	378.5	374.8	373.6	372.5	371.0	369.5	368.7	369.5	368.7	369.5	371.0
172.5°	377.8	374.8	374.4	374.0	373.2	371.7	371.0	372.5	371.0	371.7	373.2
175°	377.0	374.8	374.8	374.8	374.8	374.0	373.2	374.8	373.2	374.0	374.8
177.5°	376.3	374.8	374.8	374.8	375.5	374.8	374.8	376.3	374.8	374.8	375.5
180°	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5

TEST NUMBER: P1027930

CATALOG NUMBER: S125DIP-B375D850UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5
2.5°	518.4	517.5	515.3	513.9	509.5	504.1	502.3	497.9	499.7	496.5	496.5
5°	504.6	500.6	497.9	493.9	485.4	479.6	473.3	470.2	468.4	466.2	464.4
7.5°	486.7	483.6	480.9	473.3	464.0	455.9	448.4	445.2	439.4	435.4	433.6
10°	471.1	466.7	460.4	451.5	441.7	431.4	424.7	418.0	413.6	411.3	406.4
12.5°	455.1	449.7	443.0	430.1	419.4	413.1	401.1	394.8	392.6	390.8	385.0
15°	438.5	432.7	424.7	412.7	403.3	388.6	381.4	376.5	371.2	370.7	366.3
17.5°	423.8	416.7	410.0	395.3	383.7	370.7	366.7	361.4	356.5	351.1	348.9
20°	405.1	398.4	393.5	377.4	364.5	356.5	349.8	345.3	342.2	336.8	335.9
22.5°	388.1	381.0	374.3	362.3	351.1	340.8	332.8	327.9	326.6	324.3	320.3
25°	371.6	364.5	356.5	345.3	333.7	326.6	319.4	316.3	313.6	310.1	306.9
27.5°	357.8	351.1	343.5	329.7	319.9	314.5	306.9	303.4	299.8	298.0	296.7
30°	341.3	333.7	327.9	317.2	306.5	299.4	294.0	290.9	287.8	286.0	285.1
32.5°	325.2	318.1	314.1	302.5	294.0	285.5	281.5	279.3	277.5	275.7	273.9
35°	312.3	305.2	298.9	288.2	279.7	273.9	270.8	267.2	265.9	264.1	264.1
37.5°	296.2	290.9	284.6	274.4	266.8	262.3	259.6	255.2	254.7	253.8	252.5
40°	282.4	277.0	271.2	262.3	255.6	250.3	246.7	244.5	243.1	242.2	241.4
42.5°	267.7	261.9	259.2	248.9	243.1	237.8	236.0	233.8	233.3	231.5	229.3
45°	253.4	248.5	243.1	235.6	230.6	226.2	223.5	221.7	219.5	219.0	217.7
47.5°	240.9	235.1	230.2	223.1	217.7	214.1	211.9	209.7	207.9	206.6	205.2
50°	224.8	220.4	216.4	208.8	204.3	200.8	197.6	195.9	194.1	194.1	194.1
52.5°	209.2	205.2	201.7	196.3	190.9	187.8	184.3	182.9	182.0	180.7	182.0
55°	194.1	190.1	186.5	182.5	176.2	173.5	170.0	168.6	169.1	169.1	170.4
57.5°	178.0	174.9	172.7	167.7	161.9	159.3	157.0	155.7	155.7	157.5	157.9
60°	162.4	159.3	155.3	150.8	147.2	144.1	142.8	143.2	143.2	144.1	146.3
62.5°	145.0	143.2	141.0	134.7	132.5	130.3	128.5	129.8	129.4	131.6	134.7
65°	128.9	127.1	124.0	120.9	118.2	116.0	115.5	116.0	116.9	119.1	122.7
67.5°	111.1	111.1	108.4	105.7	103.5	101.3	101.7	102.2	103.1	105.7	111.1
70°	96.4	94.6	91.9	90.1	88.3	87.4	86.5	88.3	91.0	92.8	96.8
72.5°	80.3	79.0	76.7	74.9	74.5	73.6	73.2	74.1	76.7	79.9	84.3
75°	63.4	63.8	62.5	61.1	61.1	59.8	60.7	60.7	63.4	66.5	70.0
77.5°	49.1	48.6	48.2	47.3	46.8	46.8	46.8	47.7	50.4	52.2	55.8
80°	34.8	35.2	33.9	34.4	33.9	34.4	34.4	36.1	37.5	39.7	42.4
82.5°	23.2	23.2	22.3	22.8	22.8	22.8	23.2	24.1	25.9	27.7	29.4
85°	12.9	13.4	12.5	13.4	13.4	13.4	13.8	14.3	15.6	16.1	17.8
87.5°	4.9	5.8	5.8	4.9	5.4	5.8	6.2	5.8	6.7	7.6	8.0
90°	6.1	6.8	7.6	8.3	9.8	10.6	12.1	12.9	13.6	14.4	15.1
92.5°	48.5	62.1	75.7	127.2	213.5	307.4	302.1	243.8	164.3	118.1	87.8
95°	56.8	73.8	90.9	171.9	338.4	547.4	670.8	656.4	544.3	429.3	336.1
97.5°	67.4	79.9	92.4	148.4	276.3	502.0	724.5	819.9	780.6	689.0	595.1
100°	80.3	91.6	103.0	146.9	245.3	436.1	683.7	872.9	931.2	894.1	816.1
102.5°	93.9	104.8	115.8	153.7	232.4	386.1	611.7	841.1	981.9	1019.8	992.5
105°	109.0	119.6	130.2	163.5	230.9	357.3	548.9	766.2	947.9	1051.6	1084.9
107.5°	125.7	135.2	144.6	177.2	236.2	342.2	502.0	695.0	878.2	1015.3	1095.5
110°	141.6	151.4	161.3	192.3	244.5	336.1	470.9	636.0	799.5	943.3	1050.1

TEST NUMBER: P1027930

CATALOG NUMBER: S125DIP-B375D850UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	158.2	167.7	177.2	206.7	255.1	336.1	452.7	592.0	737.4	872.2	980.4
115°	174.9	184.4	193.8	221.8	265.7	338.4	440.6	562.5	687.4	804.8	908.5
117.5°	192.3	201.4	210.5	237.0	277.9	342.2	433.8	542.8	652.6	756.3	847.2
120°	208.2	217.6	227.1	253.6	290.0	348.3	429.3	526.9	625.4	716.2	799.5
122.5°	224.1	233.6	243.0	269.5	303.6	353.6	425.5	513.3	604.9	687.4	759.4
125°	238.5	248.4	258.2	283.2	315.7	359.6	422.5	501.2	585.2	662.5	728.3
127.5°	252.9	262.8	272.6	296.8	327.1	366.4	420.9	489.8	564.8	638.2	700.3
130°	266.5	276.4	286.2	309.7	338.4	372.5	419.4	478.5	545.9	612.5	671.5
132.5°	278.6	288.5	298.3	321.8	348.3	379.3	419.4	469.4	526.9	588.3	640.5
135°	288.5	298.7	308.9	332.4	357.3	385.4	419.4	462.6	511.0	563.3	611.7
137.5°	297.5	308.1	318.7	339.9	364.2	391.4	420.2	455.8	496.7	540.6	582.2
140°	305.9	316.1	326.3	348.3	371.0	395.2	420.9	451.2	485.3	520.9	555.7
142.5°	314.2	323.6	333.1	353.6	374.8	397.5	421.7	447.4	475.5	504.2	533.0
145°	322.5	331.2	339.9	359.6	378.5	399.0	420.9	443.7	467.1	490.6	514.1
147.5°	330.1	338.0	346.0	363.4	380.8	399.7	419.4	439.9	458.8	478.5	497.4
150°	337.7	344.1	350.5	367.2	383.1	399.7	417.2	435.3	452.0	468.6	483.0
152.5°	344.5	350.2	355.8	371.0	384.6	399.0	414.1	430.0	444.4	458.8	471.7
155°	349.8	355.1	360.4	373.2	385.4	397.5	410.3	424.0	436.8	449.0	459.6
157.5°	355.8	360.0	364.2	375.5	386.1	396.0	406.6	418.7	429.3	439.9	448.2
160°	360.4	363.8	367.2	377.0	386.1	393.7	402.8	411.9	421.7	429.3	436.8
162.5°	364.9	367.5	370.2	378.5	385.4	391.4	398.2	405.8	413.4	420.2	426.2
165°	367.9	370.2	372.5	378.5	384.6	389.1	393.7	399.7	405.8	411.1	415.6
167.5°	370.2	371.7	373.2	378.5	383.1	385.4	389.1	393.7	398.2	402.0	405.8
170°	372.5	373.6	374.8	378.5	381.6	383.1	385.4	388.4	392.2	394.4	396.7
172.5°	374.0	374.4	374.8	377.8	380.1	380.1	380.8	383.1	385.4	387.6	389.1
175°	374.8	374.8	374.8	377.0	378.5	377.8	377.8	378.5	380.8	380.8	382.3
177.5°	374.8	374.8	374.8	376.3	377.0	375.5	375.5	376.3	377.0	377.8	377.8
180°	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5

TEST NUMBER: P1027930

CATALOG NUMBER: S125DIP-B375D850UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5
2.5°	498.3	495.2	494.8	495.7	493.9	496.5	495.7	496.5	494.3	496.5	495.2
5°	464.0	463.1	461.3	459.1	459.5	460.0	462.2	460.0	461.7	462.2	464.4
7.5°	431.9	430.1	431.4	430.5	426.5	425.6	426.5	427.8	430.5	432.3	433.6
10°	406.0	405.1	403.3	402.0	399.7	398.4	400.2	398.4	402.0	405.1	405.1
12.5°	386.3	382.8	380.5	380.1	375.2	376.1	377.9	379.2	383.2	385.0	385.0
15°	365.8	363.1	362.3	360.5	358.7	360.5	359.6	360.9	362.7	364.5	365.4
17.5°	348.0	347.5	348.0	343.5	344.9	342.6	343.1	345.3	344.0	345.3	348.0
20°	331.9	332.8	331.5	329.7	329.7	327.0	330.1	329.2	329.7	332.4	336.4
22.5°	319.9	319.4	318.1	316.8	315.0	315.4	315.9	315.0	318.5	320.8	321.2
25°	306.9	306.0	305.6	304.3	302.5	304.3	303.8	304.3	305.2	308.7	306.0
27.5°	294.9	293.1	294.0	292.7	292.2	292.7	292.7	293.1	294.0	294.4	294.9
30°	284.6	282.8	282.4	281.5	281.1	281.5	282.4	281.5	285.1	284.6	284.6
32.5°	273.5	272.1	271.2	271.2	270.8	270.4	270.8	271.2	273.9	272.1	273.9
35°	262.8	261.9	261.9	261.0	260.5	260.5	260.5	262.3	261.4	262.8	262.8
37.5°	252.5	252.5	252.1	251.2	250.7	251.2	250.7	251.6	251.2	251.6	252.1
40°	241.8	240.9	240.5	240.5	239.1	237.8	239.1	239.1	239.6	240.9	241.4
42.5°	228.9	229.3	229.3	227.5	227.5	227.5	228.0	228.4	228.4	229.3	229.3
45°	217.7	216.8	216.8	216.8	215.9	216.4	217.3	217.3	217.3	217.3	216.4
47.5°	205.2	205.2	205.7	205.7	207.0	206.6	206.6	206.1	205.2	205.2	205.7
50°	193.6	195.0	195.4	195.4	195.9	196.3	196.3	195.4	195.0	193.6	193.6
52.5°	182.5	183.4	184.3	185.6	186.5	186.0	186.0	185.1	183.4	182.9	182.5
55°	170.4	171.8	173.5	174.9	176.2	176.7	176.7	174.9	173.1	170.9	170.9
57.5°	159.3	160.6	163.7	165.1	166.9	166.9	166.0	164.6	161.9	160.2	158.8
60°	148.1	150.3	152.6	155.3	157.5	157.9	156.6	154.8	151.7	149.5	147.7
62.5°	136.1	138.3	142.8	145.4	147.2	147.2	147.2	145.0	141.0	137.9	135.2
65°	124.5	126.7	130.7	134.3	135.6	137.0	135.6	133.4	130.3	126.7	124.0
67.5°	112.4	115.1	119.1	121.8	123.6	124.9	124.0	122.2	118.2	113.3	111.5
70°	99.0	100.4	106.2	108.9	111.5	112.4	111.5	108.9	104.8	99.5	97.7
72.5°	86.5	87.9	93.2	95.5	97.7	98.6	97.3	95.5	91.9	87.0	84.8
75°	72.3	74.5	77.2	80.7	83.4	84.3	83.0	81.6	77.2	74.1	72.3
77.5°	57.1	59.3	62.9	66.0	68.7	68.3	66.5	66.9	62.0	58.4	57.1
80°	43.3	45.1	47.7	50.4	51.8	51.8	51.3	49.5	47.7	45.1	42.8
82.5°	29.9	32.1	34.4	36.1	36.1	36.6	35.7	35.2	33.5	31.2	30.8
85°	17.8	18.3	20.1	20.1	21.9	21.0	20.5	21.9	20.1	18.7	18.3
87.5°	8.0	7.6	8.0	8.0	7.6	8.5	8.5	8.0	8.5	8.0	8.0
90°	15.9	16.7	16.7	16.7	17.4	17.4	17.4	16.7	16.7	16.7	15.9
92.5°	80.6	73.4	61.3	59.1	57.5	56.0	57.5	59.1	61.3	73.4	80.6
95°	304.4	272.6	218.8	196.1	190.0	177.9	190.0	196.1	218.8	272.6	304.4
97.5°	549.6	504.2	458.8	419.4	399.0	389.9	399.0	419.4	458.8	504.2	549.6
100°	776.8	737.4	685.2	630.7	602.6	590.5	602.6	630.7	685.2	737.4	776.8
102.5°	969.0	945.6	888.8	854.0	823.0	814.6	823.0	854.0	888.8	945.6	969.0
105°	1080.8	1076.6	1052.4	1027.4	1012.2	1003.1	1012.2	1027.4	1052.4	1076.6	1080.8
107.5°	1112.2	1128.8	1135.6	1131.9	1124.3	1116.7	1124.3	1131.9	1135.6	1128.8	1112.2
110°	1082.2	1114.4	1148.5	1162.9	1168.2	1168.2	1168.2	1162.9	1148.5	1114.4	1082.2

TEST NUMBER: P1027930

CATALOG NUMBER: S125DIP-B375D850UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1019.8	1059.2	1112.9	1140.2	1155.3	1162.1	1155.3	1140.2	1112.9	1059.2	1019.8
115°	949.8	991.0	1050.1	1086.4	1107.6	1117.5	1107.6	1086.4	1050.1	991.0	949.8
117.5°	886.2	925.2	985.0	1022.8	1044.0	1050.1	1044.0	1022.8	985.0	925.2	886.2
120°	832.8	866.1	922.1	958.5	978.9	985.0	978.9	958.5	922.1	866.1	832.8
122.5°	790.0	820.7	869.1	901.7	922.1	927.4	922.1	901.7	869.1	820.7	790.0
125°	755.6	782.8	825.2	856.3	872.9	880.5	872.9	856.3	825.2	782.8	755.6
127.5°	726.0	751.8	790.4	818.4	834.3	837.3	834.3	818.4	790.4	751.8	726.0
130°	696.2	720.8	758.6	783.6	798.7	803.3	798.7	783.6	758.6	720.8	696.2
132.5°	664.0	687.4	725.3	750.3	763.9	769.2	763.9	750.3	725.3	687.4	664.0
135°	633.3	654.9	688.2	713.2	726.8	731.4	726.8	713.2	688.2	654.9	633.3
137.5°	601.2	620.1	650.3	673.8	686.7	692.0	686.7	673.8	650.3	620.1	601.2
140°	571.6	587.5	615.5	635.2	646.6	650.3	646.6	635.2	615.5	587.5	571.6
142.5°	546.2	559.5	582.2	598.1	608.7	611.7	608.7	598.1	582.2	559.5	546.2
145°	524.3	534.5	552.7	565.5	573.9	576.9	573.9	565.5	552.7	534.5	524.3
147.5°	505.4	513.3	528.5	539.0	544.3	545.9	544.3	539.0	528.5	513.3	505.4
150°	489.8	496.7	508.0	517.1	520.1	520.9	520.1	517.1	508.0	496.7	489.8
152.5°	476.6	481.5	490.6	497.4	500.4	501.2	500.4	497.4	490.6	481.5	476.6
155°	463.8	467.9	475.5	480.8	483.0	483.8	483.0	480.8	475.5	467.9	463.8
157.5°	451.6	455.0	461.1	465.6	467.9	467.9	467.9	465.6	461.1	455.0	451.6
160°	439.4	442.1	447.4	451.2	452.7	452.0	452.7	451.2	447.4	442.1	439.4
162.5°	428.5	430.8	434.6	437.6	437.6	437.6	437.6	437.6	434.6	430.8	428.5
165°	417.5	419.4	422.5	424.0	424.0	424.0	424.0	424.0	422.5	419.4	417.5
167.5°	407.3	408.8	410.3	411.9	411.1	411.1	411.1	411.9	410.3	408.8	407.3
170°	397.4	398.2	399.7	400.5	400.5	399.7	400.5	400.5	399.7	398.2	397.4
172.5°	389.5	389.9	389.9	391.4	389.9	389.1	389.9	391.4	389.9	389.9	389.5
175°	382.3	382.3	382.3	383.1	381.6	380.8	381.6	383.1	382.3	382.3	382.3
177.5°	377.8	377.8	377.0	377.8	375.5	375.5	375.5	377.8	377.0	377.8	377.8
180°	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5

TEST NUMBER: P1027930

CATALOG NUMBER: S125DIP-B375D850UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5
2.5°	499.2	496.5	499.7	495.7	496.5	501.4	501.0	505.5	508.1	507.7	509.9
5°	466.2	466.2	467.5	467.1	471.6	475.6	480.9	485.4	490.3	493.0	496.1
7.5°	433.6	438.1	439.0	441.2	446.6	453.3	458.6	465.3	472.5	477.4	480.9
10°	406.9	410.4	414.0	415.8	421.6	430.5	438.1	448.8	457.7	463.1	468.0
12.5°	383.2	387.2	389.0	397.1	401.1	406.9	417.6	429.2	439.0	444.8	448.8
15°	366.3	368.5	372.5	377.4	381.4	388.6	397.5	410.4	419.8	424.7	438.5
17.5°	352.0	354.7	356.9	359.1	365.4	373.0	381.4	392.6	404.6	413.1	420.3
20°	337.3	338.6	341.3	344.9	349.3	356.5	364.0	375.6	386.3	393.0	402.4
22.5°	319.9	323.9	326.6	329.2	334.2	342.2	349.3	357.8	371.2	378.8	388.6
25°	309.6	311.4	313.2	316.3	319.9	327.0	335.0	344.0	354.7	362.7	371.2
27.5°	296.2	298.9	301.1	305.2	307.4	313.2	320.8	329.7	342.6	349.3	356.5
30°	285.1	287.8	289.5	291.3	294.4	300.7	307.8	315.0	327.0	335.5	342.6
32.5°	273.9	276.6	278.8	280.2	283.3	287.3	293.1	302.0	312.3	318.1	327.5
35°	264.1	264.1	266.8	268.6	271.2	274.8	280.2	286.9	297.6	305.2	313.6
37.5°	253.0	253.4	255.6	257.0	259.6	263.2	268.6	274.8	283.7	289.5	298.0
40°	241.4	242.7	243.6	245.8	248.9	250.3	255.6	262.8	271.7	277.0	284.2
42.5°	229.8	230.6	232.9	234.7	237.3	239.6	243.1	249.8	256.5	264.6	270.4
45°	216.8	219.0	220.4	223.5	224.8	227.1	230.6	236.0	244.0	248.9	255.6
47.5°	205.7	206.6	207.5	211.5	214.1	215.5	219.0	222.2	230.6	235.1	241.4
50°	193.6	193.6	195.0	196.7	199.9	202.5	205.7	209.2	215.9	220.4	226.6
52.5°	182.5	181.1	182.0	182.9	186.0	188.7	191.8	196.7	203.0	205.7	211.0
55°	170.4	168.2	169.5	170.9	171.8	175.3	178.9	182.0	186.9	190.9	195.9
57.5°	157.5	157.0	156.1	156.6	158.8	161.1	163.7	167.7	173.5	176.7	179.3
60°	145.9	143.2	142.3	143.2	144.5	145.9	149.5	153.0	157.9	161.1	164.2
62.5°	133.8	131.2	129.4	128.0	129.4	132.5	134.7	137.4	141.4	145.0	147.7
65°	122.2	118.2	116.4	115.5	115.1	117.3	119.1	122.7	126.3	127.6	130.7
67.5°	109.3	105.7	103.5	102.2	102.2	102.2	103.9	107.5	111.1	111.5	114.7
70°	96.4	92.3	90.1	88.3	87.4	88.3	90.6	91.0	94.1	95.0	96.8
72.5°	82.5	79.0	76.3	74.1	74.5	75.4	75.4	76.3	78.1	80.3	80.3
75°	69.6	64.7	63.4	61.6	60.7	60.7	60.7	62.5	63.8	65.6	65.1
77.5°	54.9	52.2	49.5	48.6	47.3	46.8	47.7	47.7	48.6	50.0	50.4
80°	42.4	39.3	37.5	36.6	34.8	34.4	34.8	34.8	36.1	35.7	36.1
82.5°	29.4	27.2	25.9	24.5	23.6	24.1	23.6	23.6	24.1	23.6	23.6
85°	17.0	16.5	15.6	15.2	14.7	13.8	14.7	14.3	13.8	13.4	14.3
87.5°	8.0	7.6	7.6	6.7	6.7	6.2	6.7	6.7	6.2	6.2	6.2
90°	15.1	14.4	13.6	12.9	12.1	10.6	9.8	8.3	7.6	6.8	6.1
92.5°	87.8	118.1	164.3	243.8	302.1	307.4	213.5	127.2	75.7	62.1	48.5
95°	336.1	429.3	544.3	656.4	670.8	547.4	338.4	171.9	90.9	73.8	56.8
97.5°	595.1	689.0	780.6	819.9	724.5	502.0	276.3	148.4	92.4	79.9	67.4
100°	816.1	894.1	931.2	872.9	683.7	436.1	245.3	146.9	103.0	91.6	80.3
102.5°	992.5	1019.8	981.9	841.1	611.7	386.1	232.4	153.7	115.8	104.8	93.9
105°	1084.9	1051.6	947.9	766.2	548.9	357.3	230.9	163.5	130.2	119.6	109.0
107.5°	1095.5	1015.3	878.2	695.0	502.0	342.2	236.2	177.2	144.6	135.2	125.7
110°	1050.1	943.3	799.5	636.0	470.9	336.1	244.5	192.3	161.3	151.4	141.6

TEST NUMBER: P1027930

CATALOG NUMBER: S125DIP-B375D850UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	980.4	872.2	737.4	592.0	452.7	336.1	255.1	206.7	177.2	167.7	158.2
115°	908.5	804.8	687.4	562.5	440.6	338.4	265.7	221.8	193.8	184.4	174.9
117.5°	847.2	756.3	652.6	542.8	433.8	342.2	277.9	237.0	210.5	201.4	192.3
120°	799.5	716.2	625.4	526.9	429.3	348.3	290.0	253.6	227.1	217.6	208.2
122.5°	759.4	687.4	604.9	513.3	425.5	353.6	303.6	269.5	243.0	233.6	224.1
125°	728.3	662.5	585.2	501.2	422.5	359.6	315.7	283.2	258.2	248.4	238.5
127.5°	700.3	638.2	564.8	489.8	420.9	366.4	327.1	296.8	272.6	262.8	252.9
130°	671.5	612.5	545.9	478.5	419.4	372.5	338.4	309.7	286.2	276.4	266.5
132.5°	640.5	588.3	526.9	469.4	419.4	379.3	348.3	321.8	298.3	288.5	278.6
135°	611.7	563.3	511.0	462.6	419.4	385.4	357.3	332.4	308.9	298.7	288.5
137.5°	582.2	540.6	496.7	455.8	420.2	391.4	364.2	339.9	318.7	308.1	297.5
140°	555.7	520.9	485.3	451.2	420.9	395.2	371.0	348.3	326.3	316.1	305.9
142.5°	533.0	504.2	475.5	447.4	421.7	397.5	374.8	353.6	333.1	323.6	314.2
145°	514.1	490.6	467.1	443.7	420.9	399.0	378.5	359.6	339.9	331.2	322.5
147.5°	497.4	478.5	458.8	439.9	419.4	399.7	380.8	363.4	346.0	338.0	330.1
150°	483.0	468.6	452.0	435.3	417.2	399.7	383.1	367.2	350.5	344.1	337.7
152.5°	471.7	458.8	444.4	430.0	414.1	399.0	384.6	371.0	355.8	350.2	344.5
155°	459.6	449.0	436.8	424.0	410.3	397.5	385.4	373.2	360.4	355.1	349.8
157.5°	448.2	439.9	429.3	418.7	406.6	396.0	386.1	375.5	364.2	360.0	355.8
160°	436.8	429.3	421.7	411.9	402.8	393.7	386.1	377.0	367.2	363.8	360.4
162.5°	426.2	420.2	413.4	405.8	398.2	391.4	385.4	378.5	370.2	367.5	364.9
165°	415.6	411.1	405.8	399.7	393.7	389.1	384.6	378.5	372.5	370.2	367.9
167.5°	405.8	402.0	398.2	393.7	389.1	385.4	383.1	378.5	373.2	371.7	370.2
170°	396.7	394.4	392.2	388.4	385.4	383.1	381.6	378.5	374.8	373.6	372.5
172.5°	389.1	387.6	385.4	383.1	380.8	380.1	380.1	377.8	374.8	374.4	374.0
175°	382.3	380.8	380.8	378.5	377.8	377.8	378.5	377.0	374.8	374.8	374.8
177.5°	377.8	377.8	377.0	376.3	375.5	375.5	377.0	376.3	374.8	374.8	374.8
180°	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5

TEST NUMBER: P1027930

CATALOG NUMBER: S125DIP-B375D850UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	525.5	525.5	525.5	525.5
2.5°	513.0	517.5	520.6	526.4
5°	501.4	509.5	517.1	525.1
7.5°	489.9	499.2	511.3	521.5
10°	476.9	489.0	503.2	517.1
12.5°	464.0	478.3	493.9	512.2
15°	448.4	466.7	484.9	504.6
17.5°	434.5	453.3	472.9	497.4
20°	418.9	439.4	460.9	485.8
22.5°	405.1	427.8	450.1	476.5
25°	389.5	411.8	436.3	464.4
27.5°	376.5	397.1	421.1	451.5
30°	360.9	383.2	407.3	437.7
32.5°	346.2	367.6	393.0	422.9
35°	331.0	352.9	375.6	404.2
37.5°	316.8	335.5	358.2	385.5
40°	300.7	321.2	341.7	363.1
42.5°	286.0	304.7	323.9	340.8
45°	269.5	285.5	303.8	317.6
47.5°	254.3	268.6	282.8	293.6
50°	239.1	250.3	261.0	270.4
52.5°	221.3	233.8	239.6	245.4
55°	205.2	212.4	217.7	223.5
57.5°	189.6	192.7	195.4	200.8
60°	169.1	172.7	175.8	179.8
62.5°	151.2	153.0	153.9	157.9
65°	134.3	133.8	136.1	138.3
67.5°	116.0	115.5	117.8	118.7
70°	98.1	97.7	98.1	100.4
72.5°	81.2	81.2	81.6	82.5
75°	65.6	65.6	66.0	66.9
77.5°	49.5	50.4	50.0	51.8
80°	36.1	35.2	36.1	37.0
82.5°	23.6	24.5	24.5	23.6
85°	13.4	13.4	13.4	13.4
87.5°	5.8	5.8	6.2	6.7
90°	4.5	3.0	1.5	0.8
92.5°	32.6	21.2	13.6	11.4
95°	40.1	31.8	25.7	25.0
97.5°	52.2	43.9	39.4	38.6
100°	65.9	57.5	54.5	53.0
102.5°	81.0	71.9	69.7	68.9
105°	96.9	89.3	85.6	85.6
107.5°	112.8	106.8	103.0	101.5
110°	130.2	123.4	120.4	118.9



TEST NUMBER: P1027930

CATALOG NUMBER: S125DIP-B375D850UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	146.9	140.1	137.8	136.3
115°	163.5	156.7	154.4	152.9
117.5°	179.4	172.6	170.3	168.1
120°	195.3	188.5	185.5	183.2
122.5°	209.7	202.9	200.6	199.1
125°	224.1	217.3	213.5	212.0
127.5°	237.7	229.4	224.9	222.6
130°	250.6	240.8	234.7	232.4
132.5°	262.0	250.6	243.0	240.0
135°	272.6	260.4	251.4	248.3
137.5°	281.6	269.5	261.2	258.9
140°	291.5	279.4	270.3	268.0
142.5°	300.6	288.5	280.1	278.6
145°	308.9	298.3	290.7	289.2
147.5°	318.0	308.1	301.3	300.6
150°	327.1	317.2	311.9	310.4
152.5°	334.6	326.3	321.8	321.0
155°	342.2	334.6	330.1	330.1
157.5°	349.0	342.2	338.4	338.4
160°	354.3	349.0	346.0	346.7
162.5°	360.4	355.8	352.8	353.6
165°	364.9	361.1	358.9	360.4
167.5°	367.9	365.7	364.2	364.9
170°	371.0	369.5	368.7	369.5
172.5°	373.2	371.7	371.0	372.5
175°	374.8	374.0	373.2	374.8
177.5°	375.5	374.8	374.8	376.3
180°	375.5	375.5	375.5	375.5

(END OF REPORT)