

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: NEO-RAY

Report Number: P331865-927

Luminaire Tested: **S123DIP-S340D365U927-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331865-927
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-5,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S123DIP-S340D365U927-4F0-1E-UDD-A
Description: DEFINE 3 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 340 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 365 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2299.8 lumens
Efficiency: N/A
Efficacy: 113.3 lumens/watt
Spacing Criteria (0/90/45): 1.37 / 1.23 / 1.49
Luminous Opening: Rectangular (W 4' x L: 0.25' x H: 0')
CIE Type: General Diffuse

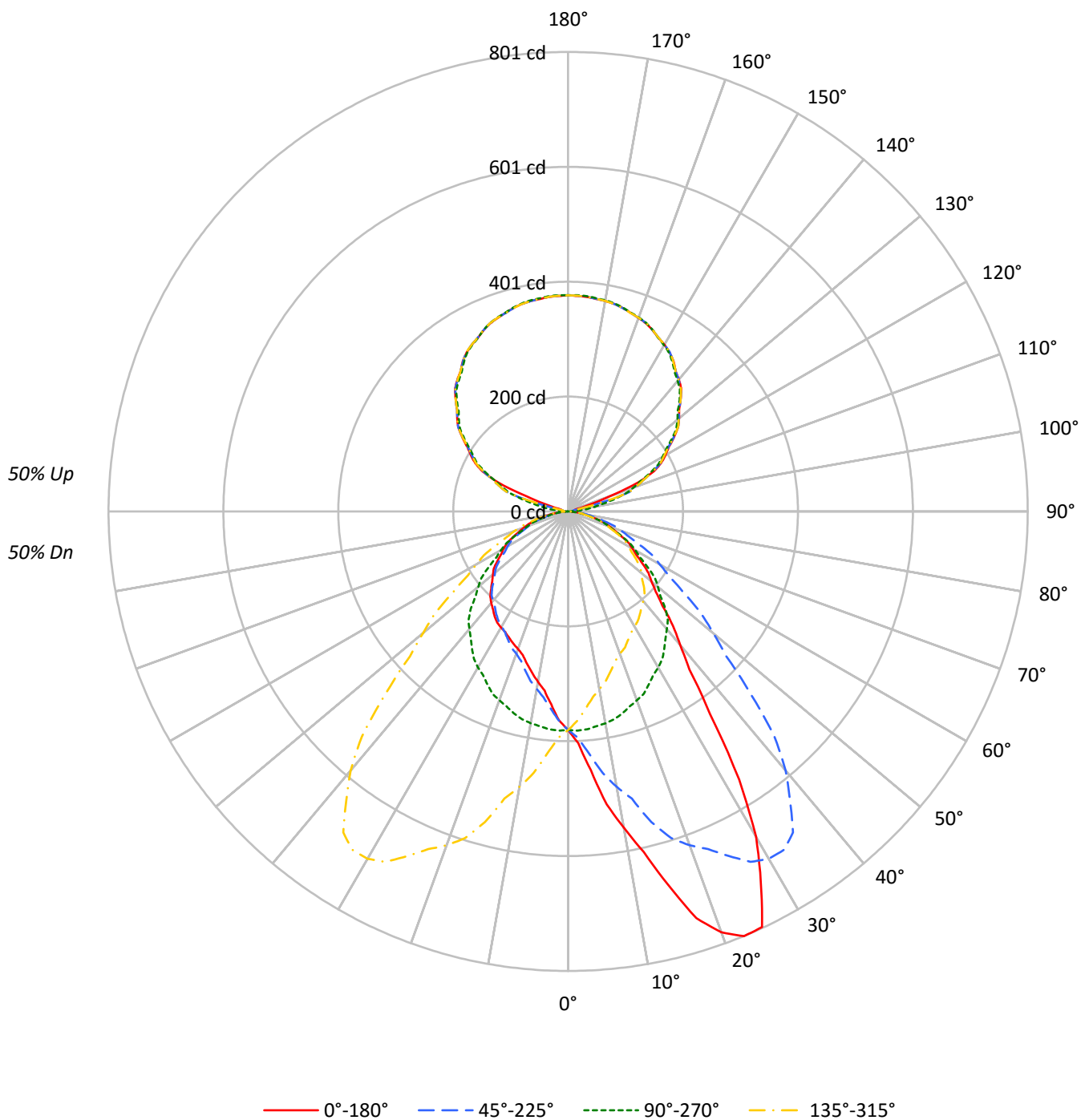
Input Watts (W): 20.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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
RCR																	
0	107	107	107	107	99	99	99	99	83	83	83		69	69	69		56
1	98	94	90	87	90	87	84	81	73	71	69		61	60	58		50
2	89	82	76	71	82	76	71	67	65	61	58		54	51	49		44
3	82	72	65	60	75	67	61	56	57	53	49		48	45	42		40
4	75	64	56	51	69	60	53	48	51	46	42		43	39	36		35
5	69	57	49	43	63	53	46	41	46	40	36		39	34	31		32
6	63	51	43	38	58	48	41	36	41	36	31		35	31	27		29
7	59	47	39	33	54	43	36	31	37	32	28		32	27	24		27
8	54	42	35	29	50	39	33	28	34	29	25		29	25	22		24
9	51	39	31	26	47	36	29	25	31	26	22		27	23	19		23
10	47	35	28	23	44	33	27	22	29	24	20		25	21	18		21

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	4100	4100	4100	4100
5°	4889	4118	3649	4118
10°	6120	4098	3296	4098
15°	7506	4063	3069	4063
20°	8942	4013	2922	4013
25°	9495	3950	2888	3950
30°	8139	3904	2903	3904
35°	5660	3840	2934	3840
40°	4263	3763	2925	3763
45°	3539	3649	2888	3649
50°	3170	3418	2862	3418
55°	2965	3170	2826	3170
60°	2781	2908	2796	2908
65°	2613	2651	2707	2651
70°	2452	2357	2578	2357
75°	2196	2067	2366	2067
80°	1922	1692	2039	1692
85°	1507	1235	1371	1235

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.5	1.6
10°-20°	120.3	5.2
20°-30°	201.9	8.8
30°-40°	228.6	9.9
40°-50°	205.0	8.9
50°-60°	165.5	7.2
60°-70°	115.3	5.0
70°-80°	60.6	2.6
80°-90°	15.9	0.7
90°-100°	13.7	0.6
100°-110°	65.3	2.8
110°-120°	156.8	6.8
120°-130°	199.7	8.7
130°-140°	213.4	9.3
140°-150°	199.5	8.7
150°-160°	160.9	7.0
160°-170°	103.9	4.5
170°-180°	35.8	1.6
0°-30°	359.8	15.6
0°-40°	588.4	25.6
0°-60°	958.9	41.7
0°-90°	1150.7	50.0
90°-120°	235.8	10.3
90°-150°	848.4	36.9
90°-180°	1149.0	50.0
0°-180°	2299.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	381	381	381	381	381	
5°	452	381	338	381	452	47
15°	674	365	275	365	674	194
25°	800	333	243	333	800	351
35°	431	292	223	292	431	280
45°	232	240	190	240	232	184
55°	158	169	151	169	158	142
65°	103	104	106	104	103	102
75°	53	50	57	50	53	56
85°	12	10	11	10	12	15
90°	8	0	8	0	8	4
95°	11	17	11	17	11	9
105°	12	83	12	83	12	28
115°	165	156	165	156	165	152
125°	225	221	225	221	225	201
135°	277	275	277	275	277	214
145°	320	317	320	317	320	200
155°	348	349	348	349	348	161
165°	367	368	367	368	367	104
175°	375	377	375	377	375	36
180°	377	377	377	377	377	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	380.9	380.9	380.9	380.9	380.9	380.9	380.9	380.9	380.9	380.9	380.9
2.5°	404.3	403.9	403.2	403.8	402.6	401.0	400.8	399.3	395.1	394.8	393.6
5°	452.5	451.1	450.8	450.7	448.1	444.6	437.9	437.4	428.5	424.1	418.7
7.5°	515.1	515.8	513.1	510.8	502.9	497.6	490.5	481.4	470.6	459.5	452.2
10°	559.9	566.0	558.5	553.3	548.5	539.5	528.9	515.8	502.7	487.4	475.8
12.5°	608.1	611.0	609.5	604.7	597.2	583.4	564.8	550.3	538.3	512.8	502.5
15°	673.6	684.8	677.6	661.1	661.4	648.3	624.0	597.2	583.0	560.6	530.2
17.5°	743.5	744.8	741.8	727.9	718.7	700.7	678.2	652.6	623.8	596.8	564.4
20°	780.6	779.5	773.1	765.9	750.0	736.0	711.5	682.9	645.9	619.3	584.1
22.5°	801.3	799.5	796.4	790.4	777.2	762.2	740.1	708.8	673.7	637.1	596.4
25°	799.5	801.8	802.2	800.6	796.0	787.0	769.6	744.7	709.6	662.5	620.1
27.5°	727.1	730.6	740.4	749.2	758.9	768.9	767.5	755.2	729.2	688.6	636.7
30°	654.8	647.4	665.7	688.7	704.4	732.1	747.6	748.5	734.0	699.1	648.5
32.5°	554.4	562.5	570.6	599.0	633.3	664.3	695.2	720.0	722.9	699.7	655.5
35°	430.7	440.9	455.7	470.4	507.3	539.1	593.3	640.6	678.2	683.2	656.1
37.5°	347.1	352.1	361.5	376.3	400.4	438.1	480.0	539.7	594.3	634.9	636.6
40°	303.4	304.9	315.4	326.6	346.2	377.2	415.0	467.9	533.1	589.9	613.5
42.5°	270.6	273.9	278.4	289.1	304.8	328.0	363.2	406.9	466.8	532.0	578.1
45°	232.5	236.2	239.0	246.2	257.3	273.0	297.5	337.4	382.9	450.3	512.5
47.5°	207.4	207.6	209.7	215.2	222.7	234.5	251.8	277.4	319.2	373.9	437.8
50°	189.3	192.3	193.1	197.3	203.2	211.8	226.2	248.0	282.3	330.3	389.0
52.5°	176.7	177.5	179.6	182.7	187.8	194.6	207.1	224.1	251.0	292.0	345.9
55°	158.0	158.0	160.0	162.4	165.3	171.4	179.7	192.3	212.8	244.5	289.2
57.5°	140.7	141.6	143.1	143.8	146.3	150.4	157.2	166.8	182.0	206.5	242.0
60°	129.2	130.9	130.6	132.1	134.4	137.5	143.4	151.1	164.8	184.3	214.3
62.5°	119.1	119.1	119.0	120.8	122.9	126.0	129.8	136.5	148.1	165.5	190.9
65°	102.6	102.3	103.5	104.6	105.4	107.6	110.5	116.5	124.2	137.1	156.9
67.5°	87.9	86.8	87.5	87.9	89.2	90.9	93.7	97.4	103.5	113.8	128.7
70°	77.9	76.9	76.8	77.2	78.3	79.5	81.6	85.1	90.8	99.1	110.0
72.5°	67.6	66.9	66.9	67.7	68.2	69.1	70.5	73.7	78.3	84.5	94.7
75°	52.8	52.8	52.8	53.0	53.6	54.3	55.4	57.0	60.5	65.0	71.8
77.5°	39.5	39.5	39.3	39.3	40.1	40.4	40.6	42.2	44.2	47.1	52.1
80°	31.0	30.1	30.4	31.0	31.4	31.5	32.1	32.5	34.1	35.8	39.3
82.5°	23.1	22.3	22.3	23.2	23.3	23.4	24.0	24.5	25.1	26.6	28.5
85°	12.2	12.2	12.4	12.4	12.5	12.4	12.9	13.1	13.1	14.0	15.1
87.5°	6.1	5.8	5.9	6.0	5.9	5.9	6.1	6.2	6.3	6.3	6.3
90°	8.4	8.2	8.2	8.0	7.9	7.7	7.4	7.2	7.0	6.7	5.9
92.5°	9.3	9.2	9.1	9.0	9.0	8.8	8.4	8.0	7.5	7.1	6.6
95°	10.6	10.6	10.6	10.6	10.6	10.5	10.0	9.6	9.1	8.7	8.0
97.5°	11.6	11.5	11.4	11.3	11.2	11.0	10.5	10.0	9.5	9.0	13.5
100°	11.7	11.7	11.6	11.6	11.5	11.2	10.7	10.2	9.7	9.3	18.9
102.5°	12.0	11.9	11.7	11.6	11.6	12.3	13.8	15.4	16.9	18.5	29.0
105°	12.3	12.2	12.0	12.0	11.8	17.3	28.3	39.3	50.3	61.3	66.9
107.5°	38.7	47.0	55.3	63.6	71.9	80.1	88.2	96.3	104.3	112.3	111.5
110°	77.0	85.9	94.7	103.7	112.6	118.0	120.1	122.2	124.2	126.3	125.6

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	132.1	134.0	135.9	137.7	139.6	140.5	140.5	140.5	140.4	140.4	139.7
115°	164.6	164.4	164.1	163.8	163.6	163.2	162.6	161.9	161.3	160.7	160.1
117.5°	182.8	182.8	182.8	182.7	182.7	182.4	181.9	181.4	180.9	180.4	180.1
120°	195.4	195.4	195.4	195.4	195.4	195.1	194.6	194.2	193.7	193.1	193.0
122.5°	207.7	207.6	207.6	207.6	207.5	207.3	207.0	206.6	206.3	205.9	205.7
125°	225.1	225.0	224.8	224.7	224.6	224.4	224.3	224.2	224.1	223.9	223.7
127.5°	241.8	241.9	242.0	242.1	242.2	242.2	242.0	241.8	241.6	241.4	241.1
130°	252.5	252.6	252.8	252.9	253.0	252.9	252.7	252.5	252.2	251.9	251.7
132.5°	262.4	262.5	262.7	262.8	263.1	263.0	262.8	262.5	262.3	262.1	261.8
135°	277.4	277.6	277.8	278.0	278.1	278.1	278.0	277.8	277.6	277.4	277.2
137.5°	291.6	291.7	291.8	291.9	292.1	292.0	291.7	291.4	291.1	290.8	290.7
140°	300.1	300.2	300.3	300.5	300.6	300.6	300.2	300.0	299.8	299.5	299.4
142.5°	307.9	308.1	308.2	308.5	308.6	308.6	308.4	308.2	308.0	307.8	307.6
145°	320.0	320.0	320.0	320.0	320.0	319.9	319.8	319.6	319.6	319.4	319.2
147.5°	328.9	329.2	329.5	329.8	330.1	330.2	330.0	329.9	329.8	329.6	329.5
150°	335.6	335.8	336.0	336.2	336.4	336.4	336.3	336.2	336.0	335.9	335.8
152.5°	341.0	341.3	341.6	341.9	342.1	342.2	342.0	341.7	341.5	341.3	341.2
155°	348.5	348.9	349.3	349.7	350.0	350.1	349.7	349.4	349.1	348.8	348.7
157.5°	354.8	355.3	355.8	356.3	356.8	356.9	356.5	356.1	355.7	355.4	355.4
160°	358.9	359.3	359.7	360.2	360.6	360.7	360.3	359.9	359.5	359.2	359.3
162.5°	362.7	363.1	363.5	363.8	364.2	364.2	363.8	363.4	362.9	362.5	362.6
165°	367.3	367.7	368.1	368.6	369.0	369.0	368.5	368.0	367.5	367.0	367.0
167.5°	370.6	371.1	371.5	372.1	372.6	372.6	372.1	371.5	371.1	370.6	370.6
170°	372.6	373.1	373.6	374.1	374.5	374.5	374.1	373.6	373.1	372.6	372.6
172.5°	373.7	374.2	374.8	375.3	375.9	375.9	375.4	374.9	374.5	373.9	373.9
175°	375.4	375.9	376.4	376.9	377.4	377.4	377.0	376.5	376.1	375.7	375.6
177.5°	375.9	376.4	376.9	377.4	377.9	378.0	377.6	377.2	376.8	376.4	376.3
180°	376.8	376.8	376.8	376.8	376.8	376.8	376.8	376.8	376.8	376.8	376.8

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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	380.9	380.9	380.9	380.9	380.9	380.9	380.9	380.9	380.9	380.9	380.9
2.5°	392.7	391.6	390.4	388.3	386.5	384.0	383.3	382.4	379.7	377.4	375.6
5°	416.7	412.3	405.8	399.9	395.1	388.6	385.0	381.1	375.6	370.6	366.5
7.5°	441.8	433.1	423.0	412.3	402.1	392.4	384.5	377.5	369.7	362.4	356.6
10°	461.8	449.2	435.1	420.0	407.1	394.6	384.0	374.9	364.9	356.2	349.0
12.5°	484.5	465.9	446.6	428.2	412.9	395.5	382.7	371.0	359.7	349.3	341.2
15°	511.4	487.7	464.9	439.6	416.4	394.6	379.5	364.6	351.6	340.9	330.5
17.5°	535.9	509.1	479.0	448.2	420.2	394.3	373.2	356.5	340.1	327.0	316.7
20°	549.8	519.4	485.2	453.3	422.2	393.5	370.2	350.3	332.6	318.7	307.1
22.5°	561.7	526.1	490.8	456.6	422.1	391.1	364.7	344.2	325.0	311.5	299.1
25°	574.2	531.5	496.1	456.1	417.5	385.3	355.8	332.6	313.4	297.5	284.8
27.5°	584.8	531.2	489.1	446.0	410.1	378.0	346.4	321.5	301.1	283.8	270.9
30°	591.8	531.9	481.9	439.3	403.1	369.9	339.2	314.1	292.7	275.2	263.0
32.5°	596.3	531.4	475.2	429.8	391.8	362.4	331.4	305.4	283.4	266.2	254.4
35°	598.9	528.1	463.7	410.3	373.8	345.1	319.1	292.2	269.1	253.0	239.7
37.5°	593.7	521.3	450.5	391.4	351.4	323.3	301.3	278.5	256.4	238.7	227.2
40°	585.6	516.9	440.1	378.1	336.0	309.0	290.3	267.8	246.0	229.2	218.5
42.5°	570.1	507.9	428.8	363.4	320.1	293.0	275.8	257.0	236.4	220.6	209.9
45°	532.3	488.3	411.7	341.3	296.6	268.5	253.4	239.7	221.1	205.8	196.5
47.5°	479.7	458.8	387.1	317.9	272.0	245.0	229.3	218.3	204.7	192.3	183.5
50°	443.3	434.6	370.4	301.9	255.6	229.2	214.0	204.1	194.3	182.0	173.9
52.5°	401.2	406.5	350.9	285.4	238.9	212.9	198.8	190.8	182.0	171.7	164.7
55°	342.0	361.3	317.3	257.6	214.0	189.3	175.9	168.9	163.7	156.1	150.0
57.5°	286.5	311.2	280.8	229.0	189.6	168.3	155.4	147.8	144.5	140.5	135.7
60°	253.6	277.9	254.8	209.8	173.3	153.0	141.6	135.1	131.7	129.0	124.9
62.5°	224.2	248.8	229.5	190.4	157.2	138.4	128.4	122.1	119.5	118.1	114.6
65°	183.8	205.0	192.1	160.0	134.2	117.6	108.5	104.1	101.7	101.2	98.9
67.5°	149.6	165.7	156.4	132.7	112.4	98.1	90.4	86.6	84.8	84.5	82.9
70°	127.1	142.3	135.1	113.7	96.2	84.9	78.3	74.9	73.8	73.7	72.7
72.5°	109.7	120.3	114.5	96.7	83.2	73.0	68.0	64.6	63.4	63.6	63.0
75°	81.2	89.1	85.8	73.4	62.6	55.9	51.9	49.7	48.6	49.1	48.3
77.5°	58.5	63.5	60.4	51.9	45.2	40.4	37.4	36.0	35.0	35.0	34.7
80°	44.1	47.1	45.4	40.2	34.7	30.7	28.2	27.3	26.8	26.5	26.4
82.5°	31.4	33.9	31.9	28.4	24.6	22.2	20.8	19.6	19.3	19.3	19.2
85°	15.8	16.8	16.1	13.9	12.4	11.2	10.5	10.0	9.6	9.7	9.4
87.5°	6.5	6.5	5.9	5.1	4.7	4.1	4.0	3.6	3.4	3.6	3.6
90°	5.1	4.3	3.5	2.8	2.1	1.5	0.9	0.3	0.9	1.5	2.1
92.5°	5.9	5.3	4.8	4.5	4.7	4.8	5.1	5.2	5.1	4.8	4.7
95°	7.3	6.7	5.9	6.9	9.4	12.0	14.5	17.1	14.5	12.0	9.4
97.5°	18.0	22.4	26.9	29.7	30.9	32.0	33.2	34.3	33.2	32.0	30.9
100°	28.7	38.3	48.1	52.3	51.0	49.8	48.6	47.3	48.6	49.8	51.0
102.5°	39.6	50.2	60.8	65.7	64.8	63.8	63.0	62.1	63.0	63.8	64.8
105°	72.5	78.1	83.7	86.2	85.5	84.8	84.1	83.4	84.1	84.8	85.5
107.5°	110.6	109.7	108.8	108.1	107.6	107.0	106.5	105.9	106.5	107.0	107.6
110°	124.8	124.2	123.5	122.9	122.4	121.9	121.4	121.0	121.4	121.9	122.4

TEST NUMBER: P331865-927

CATALOG NUMBER: S123DIP-S340D365U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	139.0	138.3	137.6	137.0	136.6	136.2	135.7	135.2	135.7	136.2	136.6
115°	159.5	159.0	158.4	158.0	157.6	157.2	156.9	156.5	156.9	157.2	157.6
117.5°	179.8	179.5	179.3	178.9	178.4	177.9	177.5	177.1	177.5	177.9	178.4
120°	192.8	192.6	192.4	192.0	191.5	190.9	190.4	189.8	190.4	190.9	191.5
122.5°	205.4	205.2	204.9	204.6	204.1	203.7	203.3	202.8	203.3	203.7	204.1
125°	223.5	223.2	222.9	222.6	222.0	221.6	221.1	220.6	221.1	221.6	222.0
127.5°	240.8	240.5	240.2	239.8	239.3	238.8	238.4	237.8	238.4	238.8	239.3
130°	251.4	251.2	251.0	250.6	250.1	249.5	249.1	248.6	249.1	249.5	250.1
132.5°	261.7	261.4	261.2	260.9	260.4	259.9	259.4	258.9	259.4	259.9	260.4
135°	276.9	276.6	276.4	276.1	275.8	275.4	275.0	274.6	275.0	275.4	275.8
137.5°	290.5	290.4	290.3	289.9	289.5	289.0	288.5	288.0	288.5	289.0	289.5
140°	299.1	299.0	298.8	298.5	298.1	297.8	297.4	297.0	297.4	297.8	298.1
142.5°	307.4	307.3	307.0	306.8	306.4	306.0	305.7	305.3	305.7	306.0	306.4
145°	319.2	319.0	318.9	318.6	318.2	317.7	317.3	316.9	317.3	317.7	318.2
147.5°	329.4	329.3	329.2	328.9	328.7	328.4	328.1	327.8	328.1	328.4	328.7
150°	335.6	335.6	335.4	335.3	335.1	334.9	334.7	334.5	334.7	334.9	335.1
152.5°	341.1	341.0	341.0	340.9	340.8	340.7	340.6	340.6	340.6	340.7	340.8
155°	348.6	348.6	348.6	348.6	348.7	348.8	349.0	349.1	349.0	348.8	348.7
157.5°	355.5	355.5	355.6	355.6	355.6	355.7	355.7	355.7	355.7	355.7	355.6
160°	359.3	359.3	359.4	359.5	359.5	359.6	359.7	359.7	359.7	359.6	359.5
162.5°	362.7	362.7	362.7	362.9	363.1	363.2	363.4	363.5	363.4	363.2	363.1
165°	367.1	367.2	367.3	367.3	367.6	367.7	367.9	368.1	367.9	367.7	367.6
167.5°	370.6	370.6	370.6	370.7	371.0	371.2	371.5	371.7	371.5	371.2	371.0
170°	372.6	372.6	372.6	372.7	373.0	373.2	373.4	373.7	373.4	373.2	373.0
172.5°	373.8	373.8	373.8	373.8	374.1	374.5	374.8	375.0	374.8	374.5	374.1
175°	375.6	375.5	375.4	375.6	375.9	376.1	376.4	376.8	376.4	376.1	375.9
177.5°	376.2	376.2	376.1	376.2	376.5	376.8	377.0	377.2	377.0	376.8	376.5
180°	376.8	376.8	376.8	376.8	376.8	376.8	376.8	376.8	376.8	376.8	376.8

TEST NUMBER: P331865-927

CATALOG NUMBER: S123DIP-S340D365U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	380.9	380.9	380.9	380.9	380.9	380.9	380.9	380.9	380.9	380.9	380.9
2.5°	374.5	373.5	372.1	369.9	368.0	365.3	365.3	365.7	365.7	365.6	365.3
5°	363.2	360.4	357.1	353.2	349.2	345.1	344.4	342.9	341.8	341.0	340.2
7.5°	351.2	346.3	341.4	336.0	331.1	327.0	324.2	321.8	320.3	318.6	317.4
10°	343.1	337.0	331.3	325.6	319.2	314.3	311.2	309.0	307.3	305.8	305.1
12.5°	333.5	326.5	320.2	314.7	307.9	302.8	299.8	298.7	296.8	293.7	292.1
15°	319.5	313.0	305.5	297.1	293.8	287.6	284.0	282.3	281.2	278.8	278.1
17.5°	307.4	299.0	290.5	284.3	278.1	273.1	271.1	269.0	267.6	265.6	265.0
20°	297.9	290.3	282.6	275.9	269.4	263.9	262.2	260.8	259.3	258.4	257.6
22.5°	288.1	280.6	274.1	267.9	261.0	257.4	255.6	254.0	252.9	252.3	251.6
25°	274.4	267.8	260.5	255.1	249.5	247.1	246.0	245.1	244.3	243.4	243.2
27.5°	262.2	254.9	249.1	243.9	240.0	238.0	236.9	236.5	236.6	236.9	237.2
30°	253.0	246.4	241.6	237.2	233.5	231.6	231.4	231.4	232.2	232.3	232.7
32.5°	244.6	239.2	234.3	230.0	227.3	226.0	226.7	226.7	227.3	227.8	228.5
35°	232.3	227.5	223.9	220.1	217.8	218.3	218.7	219.0	220.0	221.1	221.8
37.5°	220.6	216.5	212.6	209.8	208.7	209.6	210.6	211.3	212.4	213.3	214.0
40°	212.2	209.1	205.4	202.8	203.2	203.7	204.5	205.4	206.4	206.9	207.6
42.5°	204.4	201.1	198.3	196.1	196.7	197.4	197.8	198.3	199.4	200.4	200.8
45°	192.5	189.9	187.4	186.0	186.4	186.8	187.1	187.7	188.6	189.3	189.6
47.5°	179.1	177.3	175.5	174.3	174.9	174.8	175.2	176.4	176.7	177.1	178.2
50°	170.6	168.9	166.8	166.4	166.4	166.4	166.7	168.1	168.1	168.9	169.6
52.5°	161.1	160.0	158.8	158.0	157.7	157.7	158.5	159.2	159.5	160.6	161.4
55°	147.1	146.0	144.9	144.3	143.9	144.3	145.8	146.2	147.1	147.7	148.2
57.5°	132.5	131.7	130.8	130.5	130.4	130.9	131.7	132.8	133.0	134.8	135.5
60°	122.9	121.6	120.9	120.9	120.5	122.2	121.8	123.7	124.1	125.2	126.4
62.5°	113.0	111.3	111.0	111.0	111.5	112.0	112.5	113.3	114.3	115.7	116.7
65°	97.0	96.2	97.4	97.3	96.9	98.0	98.0	98.9	100.1	101.3	103.4
67.5°	82.0	81.5	81.6	81.6	82.1	82.8	83.3	84.1	85.5	86.8	88.2
70°	71.8	72.3	71.5	72.2	72.7	72.9	73.3	74.4	75.8	76.8	78.3
72.5°	61.9	61.9	61.9	62.3	62.8	63.1	63.5	64.8	66.4	67.2	68.4
75°	47.6	47.5	48.0	48.0	48.9	49.3	49.7	50.2	51.7	52.8	53.7
77.5°	34.8	35.0	34.9	35.5	35.3	35.3	36.4	37.0	37.2	39.4	39.8
80°	26.2	26.5	26.8	26.9	27.1	26.8	28.0	28.6	28.6	29.9	30.8
82.5°	18.9	19.0	19.5	19.7	19.7	20.1	20.2	20.6	21.1	21.6	22.8
85°	9.4	10.0	10.1	10.0	10.1	9.7	10.3	10.5	10.7	10.7	10.7
87.5°	3.5	3.8	3.8	4.1	4.1	4.4	4.5	4.3	4.3	4.8	4.2
90°	2.8	3.5	4.3	5.1	5.9	6.7	7.0	7.2	7.4	7.7	7.9
92.5°	4.5	4.8	5.3	5.9	6.6	7.1	7.5	8.0	8.4	8.8	9.0
95°	6.9	5.9	6.7	7.3	8.0	8.7	9.1	9.6	10.0	10.5	10.6
97.5°	29.7	26.9	22.4	18.0	13.5	9.0	9.5	10.0	10.5	11.0	11.2
100°	52.3	48.1	38.3	28.7	18.9	9.3	9.7	10.2	10.7	11.2	11.5
102.5°	65.7	60.8	50.2	39.6	29.0	18.5	16.9	15.4	13.8	12.3	11.6
105°	86.2	83.7	78.1	72.5	66.9	61.3	50.3	39.3	28.3	17.3	11.8
107.5°	108.1	108.8	109.7	110.6	111.5	112.3	104.3	96.3	88.2	80.1	71.9
110°	122.9	123.5	124.2	124.8	125.6	126.3	124.2	122.2	120.1	118.0	112.6

TEST NUMBER: P331865-927

CATALOG NUMBER: S123DIP-S340D365U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	137.0	137.6	138.3	139.0	139.7	140.4	140.4	140.5	140.5	140.5	139.6
115°	158.0	158.4	159.0	159.5	160.1	160.7	161.3	161.9	162.6	163.2	163.6
117.5°	178.9	179.3	179.5	179.8	180.1	180.4	180.9	181.4	181.9	182.4	182.7
120°	192.0	192.4	192.6	192.8	193.0	193.1	193.7	194.2	194.6	195.1	195.4
122.5°	204.6	204.9	205.2	205.4	205.7	205.9	206.3	206.6	207.0	207.3	207.5
125°	222.6	222.9	223.2	223.5	223.7	223.9	224.1	224.2	224.3	224.4	224.6
127.5°	239.8	240.2	240.5	240.8	241.1	241.4	241.6	241.8	242.0	242.2	242.2
130°	250.6	251.0	251.2	251.4	251.7	251.9	252.2	252.5	252.7	252.9	253.0
132.5°	260.9	261.2	261.4	261.7	261.8	262.1	262.3	262.5	262.8	263.0	263.1
135°	276.1	276.4	276.6	276.9	277.2	277.4	277.6	277.8	278.0	278.1	278.1
137.5°	289.9	290.3	290.4	290.5	290.7	290.8	291.1	291.4	291.7	292.0	292.1
140°	298.5	298.8	299.0	299.1	299.4	299.5	299.8	300.0	300.2	300.6	300.6
142.5°	306.8	307.0	307.3	307.4	307.6	307.8	308.0	308.2	308.4	308.6	308.6
145°	318.6	318.9	319.0	319.2	319.2	319.4	319.6	319.6	319.8	319.9	320.0
147.5°	328.9	329.2	329.3	329.4	329.5	329.6	329.8	329.9	330.0	330.2	330.1
150°	335.3	335.4	335.6	335.6	335.8	335.9	336.0	336.2	336.3	336.4	336.4
152.5°	340.9	341.0	341.0	341.1	341.2	341.3	341.5	341.7	342.0	342.2	342.1
155°	348.6	348.6	348.6	348.6	348.7	348.8	349.1	349.4	349.7	350.1	350.0
157.5°	355.6	355.6	355.5	355.5	355.4	355.4	355.7	356.1	356.5	356.9	356.8
160°	359.5	359.4	359.3	359.3	359.3	359.2	359.5	359.9	360.3	360.7	360.6
162.5°	362.9	362.7	362.7	362.7	362.6	362.5	362.9	363.4	363.8	364.2	364.2
165°	367.3	367.3	367.2	367.1	367.0	367.0	367.5	368.0	368.5	369.0	369.0
167.5°	370.7	370.6	370.6	370.6	370.6	370.6	371.1	371.5	372.1	372.6	372.6
170°	372.7	372.6	372.6	372.6	372.6	372.6	373.1	373.6	374.1	374.5	374.5
172.5°	373.8	373.8	373.8	373.8	373.9	373.9	374.5	374.9	375.4	375.9	375.9
175°	375.6	375.4	375.5	375.6	375.6	375.7	376.1	376.5	377.0	377.4	377.4
177.5°	376.2	376.1	376.2	376.2	376.3	376.4	376.8	377.2	377.6	378.0	377.9
180°	376.8	376.8	376.8	376.8	376.8	376.8	376.8	376.8	376.8	376.8	376.8

TEST NUMBER: P331865-927

CATALOG NUMBER: S123DIP-S340D365U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	380.9	380.9	380.9	380.9	380.9	380.9	380.9	380.9	380.9	380.9	380.9
2.5°	364.2	364.1	365.1	364.4	365.1	364.1	364.2	365.3	365.6	365.7	365.7
5°	339.1	339.6	337.7	337.7	337.7	339.6	339.1	340.2	341.0	341.8	342.9
7.5°	316.6	315.8	315.8	314.8	315.8	315.8	316.6	317.4	318.6	320.3	321.8
10°	302.9	301.7	301.3	301.6	301.3	301.7	302.9	305.1	305.8	307.3	309.0
12.5°	291.4	291.3	288.8	288.8	288.8	291.3	291.4	292.1	293.7	296.8	298.7
15°	278.1	274.6	274.3	275.4	274.3	274.6	278.1	278.1	278.8	281.2	282.3
17.5°	264.7	262.8	263.0	262.4	263.0	262.8	264.7	265.0	265.6	267.6	269.0
20°	257.6	256.5	256.4	255.1	256.4	256.5	257.6	257.6	258.4	259.3	260.8
22.5°	251.1	250.8	250.9	249.5	250.9	250.8	251.1	251.6	252.3	252.9	254.0
25°	243.0	244.0	243.2	243.2	243.2	244.0	243.0	243.2	243.4	244.3	245.1
27.5°	237.6	237.6	237.2	237.2	237.2	237.6	237.6	237.2	236.9	236.6	236.5
30°	233.5	233.3	233.6	233.6	233.6	233.3	233.5	232.7	232.3	232.2	231.4
32.5°	229.3	229.6	229.7	229.8	229.7	229.6	229.3	228.5	227.8	227.3	226.7
35°	222.9	223.2	223.7	223.3	223.7	223.2	222.9	221.8	221.1	220.0	219.0
37.5°	214.3	215.2	215.0	215.2	215.0	215.2	214.3	214.0	213.3	212.4	211.3
40°	207.8	208.3	208.2	208.2	208.2	208.3	207.8	207.6	206.9	206.4	205.4
42.5°	201.1	201.5	201.1	200.8	201.1	201.5	201.1	200.8	200.4	199.4	198.3
45°	190.3	189.9	190.4	189.7	190.4	189.9	190.3	189.6	189.3	188.6	187.7
47.5°	178.1	178.5	178.6	179.2	178.6	178.5	178.1	178.2	177.1	176.7	176.4
50°	170.0	171.1	171.1	170.9	171.1	171.1	170.0	169.6	168.9	168.1	168.1
52.5°	162.0	162.5	163.3	163.2	163.3	162.5	162.0	161.4	160.6	159.5	159.2
55°	149.6	150.0	150.4	150.6	150.4	150.0	149.6	148.2	147.7	147.1	146.2
57.5°	136.9	136.7	137.6	137.9	137.6	136.7	136.9	135.5	134.8	133.0	132.8
60°	127.9	127.9	129.4	129.9	129.4	127.9	127.9	126.4	125.2	124.1	123.7
62.5°	118.3	118.9	120.3	119.6	120.3	118.9	118.3	116.7	115.7	114.3	113.3
65°	104.3	105.8	105.6	106.3	105.6	105.8	104.3	103.4	101.3	100.1	98.9
67.5°	89.6	90.5	91.9	92.0	91.9	90.5	89.6	88.2	86.8	85.5	84.1
70°	79.7	80.6	81.4	81.9	81.4	80.6	79.7	78.3	76.8	75.8	74.4
72.5°	70.1	70.6	72.4	71.6	72.4	70.6	70.1	68.4	67.2	66.4	64.8
75°	55.0	56.3	57.4	56.9	57.4	56.3	55.0	53.7	52.8	51.7	50.2
77.5°	40.6	42.0	42.5	42.0	42.5	42.0	40.6	39.8	39.4	37.2	37.0
80°	32.1	31.9	33.0	32.9	33.0	31.9	32.1	30.8	29.9	28.6	28.6
82.5°	23.5	23.4	23.8	24.0	23.8	23.4	23.5	22.8	21.6	21.1	20.6
85°	11.4	12.0	11.2	11.1	11.2	12.0	11.4	10.7	10.7	10.7	10.5
87.5°	4.3	4.3	4.2	4.0	4.2	4.3	4.3	4.2	4.8	4.3	4.3
90°	8.0	8.2	8.2	8.4	8.2	8.2	8.0	7.9	7.7	7.4	7.2
92.5°	9.0	9.1	9.2	9.3	9.2	9.1	9.0	9.0	8.8	8.4	8.0
95°	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.5	10.0	9.6
97.5°	11.3	11.4	11.5	11.6	11.5	11.4	11.3	11.2	11.0	10.5	10.0
100°	11.6	11.6	11.7	11.7	11.7	11.6	11.6	11.5	11.2	10.7	10.2
102.5°	11.6	11.7	11.9	12.0	11.9	11.7	11.6	11.6	12.3	13.8	15.4
105°	12.0	12.0	12.2	12.3	12.2	12.0	12.0	11.8	17.3	28.3	39.3
107.5°	63.6	55.3	47.0	38.7	47.0	55.3	63.6	71.9	80.1	88.2	96.3
110°	103.7	94.7	85.9	77.0	85.9	94.7	103.7	112.6	118.0	120.1	122.2

TEST NUMBER: P331865-927

CATALOG NUMBER: S123DIP-S340D365U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	137.7	135.9	134.0	132.1	134.0	135.9	137.7	139.6	140.5	140.5	140.5
115°	163.8	164.1	164.4	164.6	164.4	164.1	163.8	163.6	163.2	162.6	161.9
117.5°	182.7	182.8	182.8	182.8	182.8	182.8	182.7	182.7	182.4	181.9	181.4
120°	195.4	195.4	195.4	195.4	195.4	195.4	195.4	195.4	195.1	194.6	194.2
122.5°	207.6	207.6	207.6	207.7	207.6	207.6	207.6	207.5	207.3	207.0	206.6
125°	224.7	224.8	225.0	225.1	225.0	224.8	224.7	224.6	224.4	224.3	224.2
127.5°	242.1	242.0	241.9	241.8	241.9	242.0	242.1	242.2	242.2	242.0	241.8
130°	252.9	252.8	252.6	252.5	252.6	252.8	252.9	253.0	252.9	252.7	252.5
132.5°	262.8	262.7	262.5	262.4	262.5	262.7	262.8	263.1	263.0	262.8	262.5
135°	278.0	277.8	277.6	277.4	277.6	277.8	278.0	278.1	278.1	278.0	277.8
137.5°	291.9	291.8	291.7	291.6	291.7	291.8	291.9	292.1	292.0	291.7	291.4
140°	300.5	300.3	300.2	300.1	300.2	300.3	300.5	300.6	300.6	300.2	300.0
142.5°	308.5	308.2	308.1	307.9	308.1	308.2	308.5	308.6	308.6	308.4	308.2
145°	320.0	320.0	320.0	320.0	320.0	320.0	320.0	320.0	319.9	319.8	319.6
147.5°	329.8	329.5	329.2	328.9	329.2	329.5	329.8	330.1	330.2	330.0	329.9
150°	336.2	336.0	335.8	335.6	335.8	336.0	336.2	336.4	336.4	336.3	336.2
152.5°	341.9	341.6	341.3	341.0	341.3	341.6	341.9	342.1	342.2	342.0	341.7
155°	349.7	349.3	348.9	348.5	348.9	349.3	349.7	350.0	350.1	349.7	349.4
157.5°	356.3	355.8	355.3	354.8	355.3	355.8	356.3	356.8	356.9	356.5	356.1
160°	360.2	359.7	359.3	358.9	359.3	359.7	360.2	360.6	360.7	360.3	359.9
162.5°	363.8	363.5	363.1	362.7	363.1	363.5	363.8	364.2	364.2	363.8	363.4
165°	368.6	368.1	367.7	367.3	367.7	368.1	368.6	369.0	369.0	368.5	368.0
167.5°	372.1	371.5	371.1	370.6	371.1	371.5	372.1	372.6	372.6	372.1	371.5
170°	374.1	373.6	373.1	372.6	373.1	373.6	374.1	374.5	374.5	374.1	373.6
172.5°	375.3	374.8	374.2	373.7	374.2	374.8	375.3	375.9	375.9	375.4	374.9
175°	376.9	376.4	375.9	375.4	375.9	376.4	376.9	377.4	377.4	377.0	376.5
177.5°	377.4	376.9	376.4	375.9	376.4	376.9	377.4	377.9	378.0	377.6	377.2
180°	376.8	376.8	376.8	376.8	376.8	376.8	376.8	376.8	376.8	376.8	376.8

TEST NUMBER: P331865-927

CATALOG NUMBER: S123DIP-S340D365U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	380.9	380.9	380.9	380.9	380.9	380.9	380.9	380.9	380.9	380.9	380.9
2.5°	365.3	365.3	368.0	369.9	372.1	373.5	374.5	375.6	377.4	379.7	382.4
5°	344.4	345.1	349.2	353.2	357.1	360.4	363.2	366.5	370.6	375.6	381.1
7.5°	324.2	327.0	331.1	336.0	341.4	346.3	351.2	356.6	362.4	369.7	377.5
10°	311.2	314.3	319.2	325.6	331.3	337.0	343.1	349.0	356.2	364.9	374.9
12.5°	299.8	302.8	307.9	314.7	320.2	326.5	333.5	341.2	349.3	359.7	371.0
15°	284.0	287.6	293.8	297.1	305.5	313.0	319.5	330.5	340.9	351.6	364.6
17.5°	271.1	273.1	278.1	284.3	290.5	299.0	307.4	316.7	327.0	340.1	356.5
20°	262.2	263.9	269.4	275.9	282.6	290.3	297.9	307.1	318.7	332.6	350.3
22.5°	255.6	257.4	261.0	267.9	274.1	280.6	288.1	299.1	311.5	325.0	344.2
25°	246.0	247.1	249.5	255.1	260.5	267.8	274.4	284.8	297.5	313.4	332.6
27.5°	236.9	238.0	240.0	243.9	249.1	254.9	262.2	270.9	283.8	301.1	321.5
30°	231.4	231.6	233.5	237.2	241.6	246.4	253.0	263.0	275.2	292.7	314.1
32.5°	226.7	226.0	227.3	230.0	234.3	239.2	244.6	254.4	266.2	283.4	305.4
35°	218.7	218.3	217.8	220.1	223.9	227.5	232.3	239.7	253.0	269.1	292.2
37.5°	210.6	209.6	208.7	209.8	212.6	216.5	220.6	227.2	238.7	256.4	278.5
40°	204.5	203.7	203.2	202.8	205.4	209.1	212.2	218.5	229.2	246.0	267.8
42.5°	197.8	197.4	196.7	196.1	198.3	201.1	204.4	209.9	220.6	236.4	257.0
45°	187.1	186.8	186.4	186.0	187.4	189.9	192.5	196.5	205.8	221.1	239.7
47.5°	175.2	174.8	174.9	174.3	175.5	177.3	179.1	183.5	192.3	204.7	218.3
50°	166.7	166.4	166.4	166.4	166.8	168.9	170.6	173.9	182.0	194.3	204.1
52.5°	158.5	157.7	157.7	158.0	158.8	160.0	161.1	164.7	171.7	182.0	190.8
55°	145.8	144.3	143.9	144.3	144.9	146.0	147.1	150.0	156.1	163.7	168.9
57.5°	131.7	130.9	130.4	130.5	130.8	131.7	132.5	135.7	140.5	144.5	147.8
60°	121.8	122.2	120.5	120.9	120.9	121.6	122.9	124.9	129.0	131.7	135.1
62.5°	112.5	112.0	111.5	111.0	111.0	111.3	113.0	114.6	118.1	119.5	122.1
65°	98.0	98.0	96.9	97.3	97.4	96.2	97.0	98.9	101.2	101.7	104.1
67.5°	83.3	82.8	82.1	81.6	81.6	81.5	82.0	82.9	84.5	84.8	86.6
70°	73.3	72.9	72.7	72.2	71.5	72.3	71.8	72.7	73.7	73.8	74.9
72.5°	63.5	63.1	62.8	62.3	61.9	61.9	61.9	63.0	63.6	63.4	64.6
75°	49.7	49.3	48.9	48.0	48.0	47.5	47.6	48.3	49.1	48.6	49.7
77.5°	36.4	35.3	35.3	35.5	34.9	35.0	34.8	34.7	35.0	35.0	36.0
80°	28.0	26.8	27.1	26.9	26.8	26.5	26.2	26.4	26.5	26.8	27.3
82.5°	20.2	20.1	19.7	19.7	19.5	19.0	18.9	19.2	19.3	19.3	19.6
85°	10.3	9.7	10.1	10.0	10.1	10.0	9.4	9.4	9.7	9.6	10.0
87.5°	4.5	4.4	4.1	4.1	3.8	3.8	3.5	3.6	3.6	3.4	3.6
90°	7.0	6.7	5.9	5.1	4.3	3.5	2.8	2.1	1.5	0.9	0.3
92.5°	7.5	7.1	6.6	5.9	5.3	4.8	4.5	4.7	4.8	5.1	5.2
95°	9.1	8.7	8.0	7.3	6.7	5.9	6.9	9.4	12.0	14.5	17.1
97.5°	9.5	9.0	13.5	18.0	22.4	26.9	29.7	30.9	32.0	33.2	34.3
100°	9.7	9.3	18.9	28.7	38.3	48.1	52.3	51.0	49.8	48.6	47.3
102.5°	16.9	18.5	29.0	39.6	50.2	60.8	65.7	64.8	63.8	63.0	62.1
105°	50.3	61.3	66.9	72.5	78.1	83.7	86.2	85.5	84.8	84.1	83.4
107.5°	104.3	112.3	111.5	110.6	109.7	108.8	108.1	107.6	107.0	106.5	105.9
110°	124.2	126.3	125.6	124.8	124.2	123.5	122.9	122.4	121.9	121.4	121.0

TEST NUMBER: P331865-927

CATALOG NUMBER: S123DIP-S340D365U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	140.4	140.4	139.7	139.0	138.3	137.6	137.0	136.6	136.2	135.7	135.2
115°	161.3	160.7	160.1	159.5	159.0	158.4	158.0	157.6	157.2	156.9	156.5
117.5°	180.9	180.4	180.1	179.8	179.5	179.3	178.9	178.4	177.9	177.5	177.1
120°	193.7	193.1	193.0	192.8	192.6	192.4	192.0	191.5	190.9	190.4	189.8
122.5°	206.3	205.9	205.7	205.4	205.2	204.9	204.6	204.1	203.7	203.3	202.8
125°	224.1	223.9	223.7	223.5	223.2	222.9	222.6	222.0	221.6	221.1	220.6
127.5°	241.6	241.4	241.1	240.8	240.5	240.2	239.8	239.3	238.8	238.4	237.8
130°	252.2	251.9	251.7	251.4	251.2	251.0	250.6	250.1	249.5	249.1	248.6
132.5°	262.3	262.1	261.8	261.7	261.4	261.2	260.9	260.4	259.9	259.4	258.9
135°	277.6	277.4	277.2	276.9	276.6	276.4	276.1	275.8	275.4	275.0	274.6
137.5°	291.1	290.8	290.7	290.5	290.4	290.3	289.9	289.5	289.0	288.5	288.0
140°	299.8	299.5	299.4	299.1	299.0	298.8	298.5	298.1	297.8	297.4	297.0
142.5°	308.0	307.8	307.6	307.4	307.3	307.0	306.8	306.4	306.0	305.7	305.3
145°	319.6	319.4	319.2	319.2	319.0	318.9	318.6	318.2	317.7	317.3	316.9
147.5°	329.8	329.6	329.5	329.4	329.3	329.2	328.9	328.7	328.4	328.1	327.8
150°	336.0	335.9	335.8	335.6	335.6	335.4	335.3	335.1	334.9	334.7	334.5
152.5°	341.5	341.3	341.2	341.1	341.0	341.0	340.9	340.8	340.7	340.6	340.6
155°	349.1	348.8	348.7	348.6	348.6	348.6	348.6	348.7	348.8	349.0	349.1
157.5°	355.7	355.4	355.4	355.5	355.5	355.6	355.6	355.6	355.7	355.7	355.7
160°	359.5	359.2	359.3	359.3	359.3	359.4	359.5	359.5	359.6	359.7	359.7
162.5°	362.9	362.5	362.6	362.7	362.7	362.7	362.9	363.1	363.2	363.4	363.5
165°	367.5	367.0	367.0	367.1	367.2	367.3	367.3	367.6	367.7	367.9	368.1
167.5°	371.1	370.6	370.6	370.6	370.6	370.6	370.7	371.0	371.2	371.5	371.7
170°	373.1	372.6	372.6	372.6	372.6	372.6	372.7	373.0	373.2	373.4	373.7
172.5°	374.5	373.9	373.9	373.8	373.8	373.8	373.8	374.1	374.5	374.8	375.0
175°	376.1	375.7	375.6	375.6	375.5	375.4	375.6	375.9	376.1	376.4	376.8
177.5°	376.8	376.4	376.3	376.2	376.2	376.1	376.2	376.5	376.8	377.0	377.2
180°	376.8	376.8	376.8	376.8	376.8	376.8	376.8	376.8	376.8	376.8	376.8

TEST NUMBER: P331865-927

CATALOG NUMBER: S123DIP-S340D365U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	380.9	380.9	380.9	380.9	380.9	380.9	380.9	380.9	380.9	380.9	380.9
2.5°	383.3	384.0	386.5	388.3	390.4	391.6	392.7	393.6	394.8	395.1	399.3
5°	385.0	388.6	395.1	399.9	405.8	412.3	416.7	418.7	424.1	428.5	437.4
7.5°	384.5	392.4	402.1	412.3	423.0	433.1	441.8	452.2	459.5	470.6	481.4
10°	384.0	394.6	407.1	420.0	435.1	449.2	461.8	475.8	487.4	502.7	515.8
12.5°	382.7	395.5	412.9	428.2	446.6	465.9	484.5	502.5	512.8	538.3	550.3
15°	379.5	394.6	416.4	439.6	464.9	487.7	511.4	530.2	560.6	583.0	597.2
17.5°	373.2	394.3	420.2	448.2	479.0	509.1	535.9	564.4	596.8	623.8	652.6
20°	370.2	393.5	422.2	453.3	485.2	519.4	549.8	584.1	619.3	645.9	682.9
22.5°	364.7	391.1	422.1	456.6	490.8	526.1	561.7	596.4	637.1	673.7	708.8
25°	355.8	385.3	417.5	456.1	496.1	531.5	574.2	620.1	662.5	709.6	744.7
27.5°	346.4	378.0	410.1	446.0	489.1	531.2	584.8	636.7	688.6	729.2	755.2
30°	339.2	369.9	403.1	439.3	481.9	531.9	591.8	648.5	699.1	734.0	748.5
32.5°	331.4	362.4	391.8	429.8	475.2	531.4	596.3	655.5	699.7	722.9	720.0
35°	319.1	345.1	373.8	410.3	463.7	528.1	598.9	656.1	683.2	678.2	640.6
37.5°	301.3	323.3	351.4	391.4	450.5	521.3	593.7	636.6	634.9	594.3	539.7
40°	290.3	309.0	336.0	378.1	440.1	516.9	585.6	613.5	589.9	533.1	467.9
42.5°	275.8	293.0	320.1	363.4	428.8	507.9	570.1	578.1	532.0	466.8	406.9
45°	253.4	268.5	296.6	341.3	411.7	488.3	532.3	512.5	450.3	382.9	337.4
47.5°	229.3	245.0	272.0	317.9	387.1	458.8	479.7	437.8	373.9	319.2	277.4
50°	214.0	229.2	255.6	301.9	370.4	434.6	443.3	389.0	330.3	282.3	248.0
52.5°	198.8	212.9	238.9	285.4	350.9	406.5	401.2	345.9	292.0	251.0	224.1
55°	175.9	189.3	214.0	257.6	317.3	361.3	342.0	289.2	244.5	212.8	192.3
57.5°	155.4	168.3	189.6	229.0	280.8	311.2	286.5	242.0	206.5	182.0	166.8
60°	141.6	153.0	173.3	209.8	254.8	277.9	253.6	214.3	184.3	164.8	151.1
62.5°	128.4	138.4	157.2	190.4	229.5	248.8	224.2	190.9	165.5	148.1	136.5
65°	108.5	117.6	134.2	160.0	192.1	205.0	183.8	156.9	137.1	124.2	116.5
67.5°	90.4	98.1	112.4	132.7	156.4	165.7	149.6	128.7	113.8	103.5	97.4
70°	78.3	84.9	96.2	113.7	135.1	142.3	127.1	110.0	99.1	90.8	85.1
72.5°	68.0	73.0	83.2	96.7	114.5	120.3	109.7	94.7	84.5	78.3	73.7
75°	51.9	55.9	62.6	73.4	85.8	89.1	81.2	71.8	65.0	60.5	57.0
77.5°	37.4	40.4	45.2	51.9	60.4	63.5	58.5	52.1	47.1	44.2	42.2
80°	28.2	30.7	34.7	40.2	45.4	47.1	44.1	39.3	35.8	34.1	32.5
82.5°	20.8	22.2	24.6	28.4	31.9	33.9	31.4	28.5	26.6	25.1	24.5
85°	10.5	11.2	12.4	13.9	16.1	16.8	15.8	15.1	14.0	13.1	13.1
87.5°	4.0	4.1	4.7	5.1	5.9	6.5	6.5	6.3	6.3	6.3	6.2
90°	0.9	1.5	2.1	2.8	3.5	4.3	5.1	5.9	6.7	7.0	7.2
92.5°	5.1	4.8	4.7	4.5	4.8	5.3	5.9	6.6	7.1	7.5	8.0
95°	14.5	12.0	9.4	6.9	5.9	6.7	7.3	8.0	8.7	9.1	9.6
97.5°	33.2	32.0	30.9	29.7	26.9	22.4	18.0	13.5	9.0	9.5	10.0
100°	48.6	49.8	51.0	52.3	48.1	38.3	28.7	18.9	9.3	9.7	10.2
102.5°	63.0	63.8	64.8	65.7	60.8	50.2	39.6	29.0	18.5	16.9	15.4
105°	84.1	84.8	85.5	86.2	83.7	78.1	72.5	66.9	61.3	50.3	39.3
107.5°	106.5	107.0	107.6	108.1	108.8	109.7	110.6	111.5	112.3	104.3	96.3
110°	121.4	121.9	122.4	122.9	123.5	124.2	124.8	125.6	126.3	124.2	122.2

TEST NUMBER: P331865-927

CATALOG NUMBER: S123DIP-S340D365U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	135.7	136.2	136.6	137.0	137.6	138.3	139.0	139.7	140.4	140.4	140.5
115°	156.9	157.2	157.6	158.0	158.4	159.0	159.5	160.1	160.7	161.3	161.9
117.5°	177.5	177.9	178.4	178.9	179.3	179.5	179.8	180.1	180.4	180.9	181.4
120°	190.4	190.9	191.5	192.0	192.4	192.6	192.8	193.0	193.1	193.7	194.2
122.5°	203.3	203.7	204.1	204.6	204.9	205.2	205.4	205.7	205.9	206.3	206.6
125°	221.1	221.6	222.0	222.6	222.9	223.2	223.5	223.7	223.9	224.1	224.2
127.5°	238.4	238.8	239.3	239.8	240.2	240.5	240.8	241.1	241.4	241.6	241.8
130°	249.1	249.5	250.1	250.6	251.0	251.2	251.4	251.7	251.9	252.2	252.5
132.5°	259.4	259.9	260.4	260.9	261.2	261.4	261.7	261.8	262.1	262.3	262.5
135°	275.0	275.4	275.8	276.1	276.4	276.6	276.9	277.2	277.4	277.6	277.8
137.5°	288.5	289.0	289.5	289.9	290.3	290.4	290.5	290.7	290.8	291.1	291.4
140°	297.4	297.8	298.1	298.5	298.8	299.0	299.1	299.4	299.5	299.8	300.0
142.5°	305.7	306.0	306.4	306.8	307.0	307.3	307.4	307.6	307.8	308.0	308.2
145°	317.3	317.7	318.2	318.6	318.9	319.0	319.2	319.2	319.4	319.6	319.6
147.5°	328.1	328.4	328.7	328.9	329.2	329.3	329.4	329.5	329.6	329.8	329.9
150°	334.7	334.9	335.1	335.3	335.4	335.6	335.6	335.8	335.9	336.0	336.2
152.5°	340.6	340.7	340.8	340.9	341.0	341.0	341.1	341.2	341.3	341.5	341.7
155°	349.0	348.8	348.7	348.6	348.6	348.6	348.6	348.7	348.8	349.1	349.4
157.5°	355.7	355.7	355.6	355.6	355.6	355.5	355.5	355.4	355.4	355.7	356.1
160°	359.7	359.6	359.5	359.5	359.4	359.3	359.3	359.3	359.2	359.5	359.9
162.5°	363.4	363.2	363.1	362.9	362.7	362.7	362.7	362.6	362.5	362.9	363.4
165°	367.9	367.7	367.6	367.3	367.3	367.2	367.1	367.0	367.0	367.5	368.0
167.5°	371.5	371.2	371.0	370.7	370.6	370.6	370.6	370.6	370.6	371.1	371.5
170°	373.4	373.2	373.0	372.7	372.6	372.6	372.6	372.6	372.6	373.1	373.6
172.5°	374.8	374.5	374.1	373.8	373.8	373.8	373.8	373.9	373.9	374.5	374.9
175°	376.4	376.1	375.9	375.6	375.4	375.5	375.6	375.6	375.7	376.1	376.5
177.5°	377.0	376.8	376.5	376.2	376.1	376.2	376.2	376.3	376.4	376.8	377.2
180°	376.8	376.8	376.8	376.8	376.8	376.8	376.8	376.8	376.8	376.8	376.8

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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	380.9	380.9	380.9	380.9	380.9	380.9	380.9
2.5°	400.8	401.0	402.6	403.8	403.2	403.9	404.3
5°	437.9	444.6	448.1	450.7	450.8	451.1	452.5
7.5°	490.5	497.6	502.9	510.8	513.1	515.8	515.1
10°	528.9	539.5	548.5	553.3	558.5	566.0	559.9
12.5°	564.8	583.4	597.2	604.7	609.5	611.0	608.1
15°	624.0	648.3	661.4	661.1	677.6	684.8	673.6
17.5°	678.2	700.7	718.7	727.9	741.8	744.8	743.5
20°	711.5	736.0	750.0	765.9	773.1	779.5	780.6
22.5°	740.1	762.2	777.2	790.4	796.4	799.5	801.3
25°	769.6	787.0	796.0	800.6	802.2	801.8	799.5
27.5°	767.5	768.9	758.9	749.2	740.4	730.6	727.1
30°	747.6	732.1	704.4	688.7	665.7	647.4	654.8
32.5°	695.2	664.3	633.3	599.0	570.6	562.5	554.4
35°	593.3	539.1	507.3	470.4	455.7	440.9	430.7
37.5°	480.0	438.1	400.4	376.3	361.5	352.1	347.1
40°	415.0	377.2	346.2	326.6	315.4	304.9	303.4
42.5°	363.2	328.0	304.8	289.1	278.4	273.9	270.6
45°	297.5	273.0	257.3	246.2	239.0	236.2	232.5
47.5°	251.8	234.5	222.7	215.2	209.7	207.6	207.4
50°	226.2	211.8	203.2	197.3	193.1	192.3	189.3
52.5°	207.1	194.6	187.8	182.7	179.6	177.5	176.7
55°	179.7	171.4	165.3	162.4	160.0	158.0	158.0
57.5°	157.2	150.4	146.3	143.8	143.1	141.6	140.7
60°	143.4	137.5	134.4	132.1	130.6	130.9	129.2
62.5°	129.8	126.0	122.9	120.8	119.0	119.1	119.1
65°	110.5	107.6	105.4	104.6	103.5	102.3	102.6
67.5°	93.7	90.9	89.2	87.9	87.5	86.8	87.9
70°	81.6	79.5	78.3	77.2	76.8	76.9	77.9
72.5°	70.5	69.1	68.2	67.7	66.9	66.9	67.6
75°	55.4	54.3	53.6	53.0	52.8	52.8	52.8
77.5°	40.6	40.4	40.1	39.3	39.3	39.5	39.5
80°	32.1	31.5	31.4	31.0	30.4	30.1	31.0
82.5°	24.0	23.4	23.3	23.2	22.3	22.3	23.1
85°	12.9	12.4	12.5	12.4	12.4	12.2	12.2
87.5°	6.1	5.9	5.9	6.0	5.9	5.8	6.1
90°	7.4	7.7	7.9	8.0	8.2	8.2	8.4
92.5°	8.4	8.8	9.0	9.0	9.1	9.2	9.3
95°	10.0	10.5	10.6	10.6	10.6	10.6	10.6
97.5°	10.5	11.0	11.2	11.3	11.4	11.5	11.6
100°	10.7	11.2	11.5	11.6	11.6	11.7	11.7
102.5°	13.8	12.3	11.6	11.6	11.7	11.9	12.0
105°	28.3	17.3	11.8	12.0	12.0	12.2	12.3
107.5°	88.2	80.1	71.9	63.6	55.3	47.0	38.7
110°	120.1	118.0	112.6	103.7	94.7	85.9	77.0

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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	140.5	140.5	139.6	137.7	135.9	134.0	132.1
115°	162.6	163.2	163.6	163.8	164.1	164.4	164.6
117.5°	181.9	182.4	182.7	182.7	182.8	182.8	182.8
120°	194.6	195.1	195.4	195.4	195.4	195.4	195.4
122.5°	207.0	207.3	207.5	207.6	207.6	207.6	207.7
125°	224.3	224.4	224.6	224.7	224.8	225.0	225.1
127.5°	242.0	242.2	242.2	242.1	242.0	241.9	241.8
130°	252.7	252.9	253.0	252.9	252.8	252.6	252.5
132.5°	262.8	263.0	263.1	262.8	262.7	262.5	262.4
135°	278.0	278.1	278.1	278.0	277.8	277.6	277.4
137.5°	291.7	292.0	292.1	291.9	291.8	291.7	291.6
140°	300.2	300.6	300.6	300.5	300.3	300.2	300.1
142.5°	308.4	308.6	308.6	308.5	308.2	308.1	307.9
145°	319.8	319.9	320.0	320.0	320.0	320.0	320.0
147.5°	330.0	330.2	330.1	329.8	329.5	329.2	328.9
150°	336.3	336.4	336.4	336.2	336.0	335.8	335.6
152.5°	342.0	342.2	342.1	341.9	341.6	341.3	341.0
155°	349.7	350.1	350.0	349.7	349.3	348.9	348.5
157.5°	356.5	356.9	356.8	356.3	355.8	355.3	354.8
160°	360.3	360.7	360.6	360.2	359.7	359.3	358.9
162.5°	363.8	364.2	364.2	363.8	363.5	363.1	362.7
165°	368.5	369.0	369.0	368.6	368.1	367.7	367.3
167.5°	372.1	372.6	372.6	372.1	371.5	371.1	370.6
170°	374.1	374.5	374.5	374.1	373.6	373.1	372.6
172.5°	375.4	375.9	375.9	375.3	374.8	374.2	373.7
175°	377.0	377.4	377.4	376.9	376.4	375.9	375.4
177.5°	377.6	378.0	377.9	377.4	376.9	376.4	375.9
180°	376.8	376.8	376.8	376.8	376.8	376.8	376.8

(END OF REPORT)