

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: P333117-927

Luminaire Tested: **S125DIP-S375D365U927-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333117-927
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-19,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125DIP-S375D365U927-4F0-1E-UDD-A4
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 375 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 365 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2259.1 lumens
Efficiency: N/A
Efficacy: 111.3 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.23 / 1.52
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')
CIE Type: General Diffuse

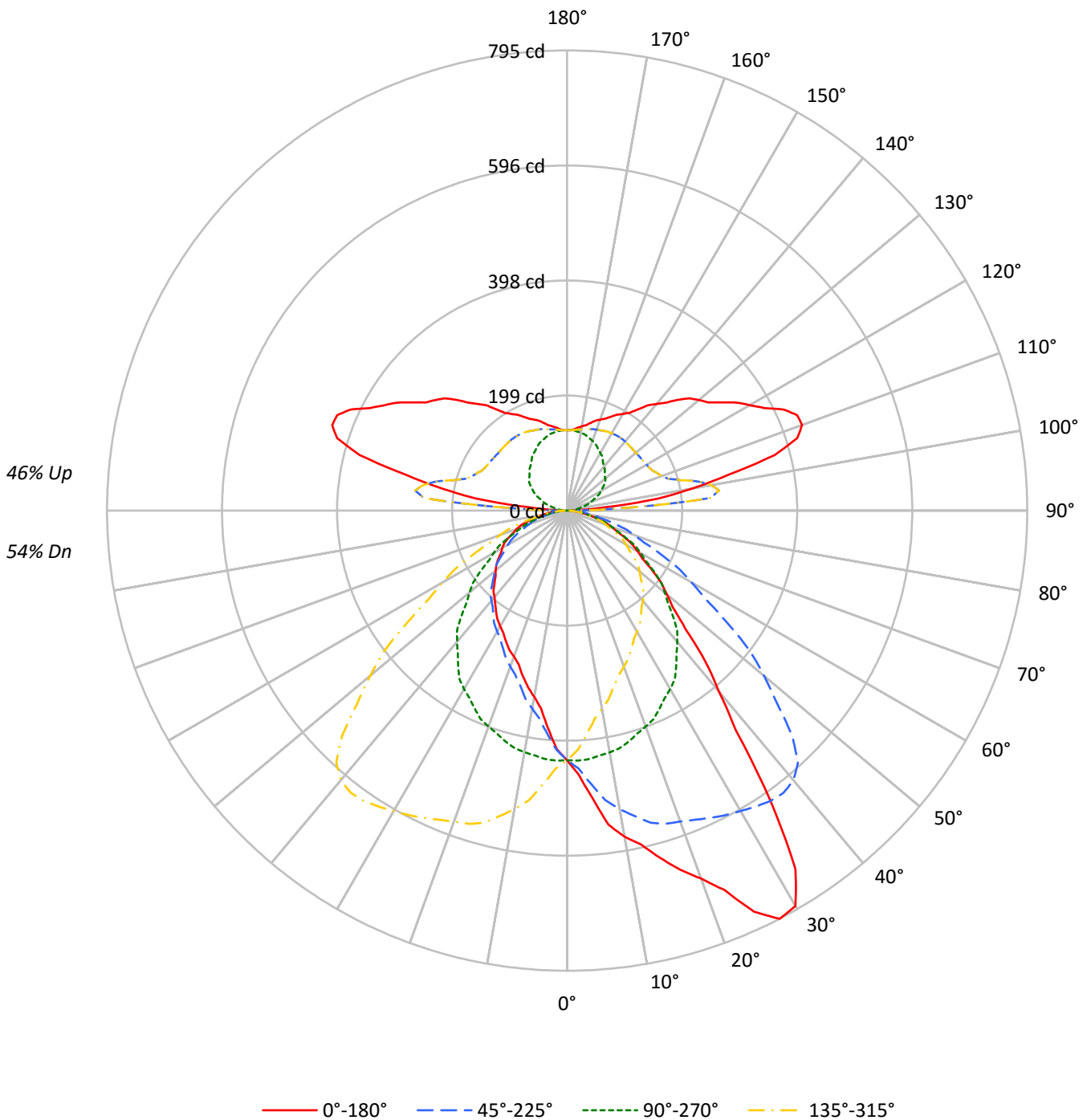
Input Watts (W): 20.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	108	108	108	108	100	100	100	100	86	86	86	72	72	72	60	60	60	54
1	99	95	91	87	92	88	85	82	75	73	71	64	62	61	53	52	51	46
2	90	83	77	72	83	77	72	67	66	62	59	56	53	51	47	45	43	39
3	82	73	66	60	76	68	62	57	59	54	50	50	46	43	42	39	37	33
4	76	65	57	51	70	60	53	48	52	47	43	45	41	37	38	35	32	29
5	69	58	50	44	64	54	47	41	47	41	37	40	36	32	34	31	28	25
6	64	52	44	38	59	49	41	36	42	36	32	36	32	28	31	27	25	22
7	59	47	39	33	55	44	37	32	38	33	28	33	28	25	28	25	22	19
8	55	43	35	30	51	40	33	28	35	29	25	30	26	22	26	22	20	17
9	51	39	31	26	47	37	30	25	32	26	23	28	23	20	24	20	18	16
10	48	36	28	24	44	34	27	23	29	24	20	26	21	18	22	19	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	2785	2785	2785	2785
5°	3225	2795	2447	2795
10°	3752	2781	2144	2781
15°	4153	2760	1978	2760
20°	4649	2728	1844	2728
25°	5447	2691	1779	2691
30°	5883	2655	1723	2655
35°	4837	2588	1686	2588
40°	3438	2494	1645	2494
45°	2641	2367	1621	2367
50°	2255	2210	1619	2210
55°	2008	2057	1633	2057
60°	1811	1888	1674	1888
65°	1673	1721	1718	1721
70°	1522	1545	1743	1545
75°	1342	1362	1727	1362
80°	1131	1112	1581	1112
85°	897	800	1275	800



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.5	1.8
10°-20°	123.6	5.5
20°-30°	200.7	8.9
30°-40°	244.8	10.8
40°-50°	222.7	9.9
50°-60°	177.4	7.9
60°-70°	123.6	5.5
70°-80°	65.9	2.9
80°-90°	17.4	0.8
90°-100°	100.7	4.5
100°-110°	216.4	9.6
110°-120°	203.1	9.0
120°-130°	164.6	7.3
130°-140°	132.1	5.8
140°-150°	99.7	4.4
150°-160°	70.1	3.1
160°-170°	41.4	1.8
170°-180°	13.5	0.6
0°-30°	365.9	16.2
0°-40°	610.7	27.0
0°-60°	1010.8	44.7
0°-90°	1217.7	53.9
90°-120°	520.1	23.0
90°-150°	916.4	40.6
90°-180°	1041.0	46.1
0°-180°	2259.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	431	431	431	431	431	
5°	498	431	378	431	498	50
15°	621	413	296	413	621	178
25°	764	378	250	378	764	349
35°	614	328	214	328	614	375
45°	289	259	178	259	289	231
55°	178	183	145	183	178	161
65°	110	113	112	113	110	109
75°	54	55	69	55	54	58
85°	12	11	17	11	12	14
90°	6	0	6	0	6	5
95°	66	9	66	9	66	93
105°	371	32	371	32	371	369
115°	413	57	413	57	413	404
125°	326	78	326	78	326	295
135°	270	92	270	92	270	210
145°	213	107	213	107	213	136
155°	179	122	179	122	179	83
165°	157	133	157	133	157	45
175°	141	139	141	139	141	14
180°	139	139	139	139	139	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3
2.5°	456.1	455.6	455.0	453.8	454.7	452.2	451.1	449.0	446.5	445.6	444.6
5°	497.5	498.4	499.4	495.5	495.9	493.3	487.4	482.7	478.9	473.9	470.4
7.5°	547.3	545.2	544.9	542.5	538.2	534.7	528.6	520.8	513.2	504.5	497.4
10°	572.2	572.4	570.8	567.8	563.2	559.9	551.9	544.2	534.9	523.9	516.0
12.5°	591.0	591.8	589.6	585.7	583.4	576.1	569.7	560.6	549.5	540.7	528.8
15°	621.2	619.2	617.8	612.8	609.0	601.3	591.3	581.7	569.7	558.5	547.3
17.5°	650.5	652.1	649.4	644.8	632.9	623.9	610.5	597.4	582.3	567.4	554.1
20°	676.5	678.0	673.8	665.9	651.6	642.7	625.0	608.1	590.7	571.5	556.8
22.5°	709.1	707.9	702.2	690.2	677.9	661.3	642.1	621.5	599.8	578.1	558.6
25°	764.4	756.7	753.2	738.4	722.2	697.8	671.5	641.4	614.3	585.6	560.7
27.5°	795.1	792.7	788.8	778.5	761.4	735.3	704.3	667.7	629.5	593.2	560.5
30°	788.9	789.3	789.6	786.4	775.4	755.8	724.8	685.6	640.1	599.3	561.6
32.5°	734.4	741.1	747.5	755.0	758.1	754.3	735.0	699.4	652.7	606.3	561.0
35°	613.5	615.6	636.3	656.8	684.6	706.2	720.6	704.9	665.6	612.3	560.3
37.5°	478.4	488.3	502.6	525.8	565.9	601.9	648.2	669.4	656.7	614.3	559.0
40°	407.8	417.0	426.4	450.0	483.8	527.4	579.9	624.7	635.2	608.1	554.6
42.5°	353.4	360.6	371.0	388.7	417.0	455.6	505.8	564.4	600.5	590.3	545.4
45°	289.2	293.8	301.8	315.9	336.4	366.6	410.9	475.0	530.8	549.3	523.6
47.5°	247.6	247.6	253.8	263.5	278.3	304.0	336.8	386.9	446.6	490.7	488.6
50°	224.4	223.5	228.5	236.9	248.6	265.6	296.9	337.0	394.3	444.3	458.2
52.5°	204.5	204.6	207.6	213.9	223.7	238.2	261.6	297.8	346.7	398.0	424.2
55°	178.3	177.5	181.0	185.2	192.4	201.9	218.7	246.4	286.1	336.6	370.7
57.5°	154.2	156.3	157.6	160.6	166.5	172.9	187.1	207.4	238.9	282.3	318.2
60°	140.2	142.2	143.3	146.2	151.0	156.5	167.5	183.9	210.5	247.9	283.5
62.5°	127.6	129.2	129.6	132.2	136.1	141.4	150.0	163.9	184.9	217.5	252.5
65°	109.5	109.5	110.2	113.0	114.8	119.5	126.1	136.2	153.0	178.5	208.3
67.5°	92.0	92.8	92.7	93.9	95.5	99.3	103.9	112.3	124.8	143.3	167.2
70°	80.6	81.3	81.1	82.0	83.8	86.2	90.1	97.9	106.9	122.8	143.3
72.5°	70.3	70.6	70.1	71.3	72.4	74.5	78.8	83.0	91.3	104.8	121.7
75°	53.8	54.2	54.6	55.3	56.4	57.5	59.7	63.8	69.4	79.5	90.2
77.5°	40.3	39.6	40.6	40.4	41.0	41.9	43.8	46.0	50.5	57.0	65.3
80°	30.4	30.6	30.6	30.7	31.7	32.2	33.8	35.5	39.0	43.7	49.6
82.5°	22.2	22.7	22.3	22.7	23.4	23.8	24.8	26.1	28.1	31.9	36.1
85°	12.1	11.2	11.6	11.9	11.9	12.1	12.8	13.4	14.5	15.9	17.6
87.5°	4.8	5.1	5.1	5.1	5.3	5.2	5.8	5.7	6.1	6.5	7.0
90°	6.4	6.4	6.2	6.2	6.2	5.6	5.3	5.1	4.8	4.5	3.9
92.5°	17.8	18.3	18.7	19.4	23.0	27.1	36.0	49.6	73.0	90.2	91.7
95°	65.8	70.3	72.5	80.9	100.8	124.3	158.8	201.3	242.7	248.0	202.4
97.5°	159.0	162.6	170.7	186.4	203.7	236.4	270.0	299.8	307.1	264.9	180.8
100°	218.4	222.8	233.2	253.3	272.7	301.8	330.7	344.4	322.8	252.8	161.3
102.5°	284.7	288.0	299.3	313.6	334.3	354.0	367.8	359.3	313.4	231.6	146.5
105°	371.0	374.3	379.9	389.1	398.2	401.2	388.9	350.5	283.4	203.0	132.1
107.5°	416.8	419.0	420.9	420.9	416.4	401.7	370.1	318.9	252.6	183.3	126.1
110°	432.0	432.0	430.0	424.7	412.1	388.3	348.9	295.6	235.2	174.1	124.3



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	430.2	428.2	423.3	414.2	395.8	367.7	327.8	277.3	222.2	168.7	124.3
115°	413.2	409.6	401.7	388.3	366.5	336.0	297.6	254.2	208.0	163.0	125.2
117.5°	383.5	381.3	373.5	359.6	337.8	309.7	276.7	239.3	199.6	160.1	127.0
120°	364.2	362.0	354.4	341.0	320.3	295.6	264.8	231.2	194.9	158.8	128.8
122.5°	347.2	345.2	337.6	325.3	306.8	283.8	256.4	225.2	190.8	157.6	130.3
125°	325.6	322.8	316.6	305.1	289.5	269.3	244.9	216.4	185.4	156.2	133.0
127.5°	307.1	305.9	300.1	289.9	275.7	256.8	234.1	207.5	180.3	155.6	135.9
130°	297.1	295.4	289.8	280.5	266.6	248.3	226.5	201.8	177.0	155.1	137.8
132.5°	286.9	285.0	279.9	270.7	256.7	239.2	219.4	196.2	174.3	155.1	139.7
135°	270.5	268.8	263.7	254.5	242.2	226.2	208.3	189.0	171.0	155.1	142.5
137.5°	252.8	251.0	246.3	237.9	226.9	213.3	198.4	182.8	168.2	155.4	145.0
140°	240.5	239.1	234.9	227.6	217.2	205.5	192.6	179.4	166.8	155.7	146.2
142.5°	229.1	227.9	223.9	217.8	209.0	198.8	187.7	176.6	165.7	155.9	146.8
145°	213.3	212.2	209.1	204.4	197.6	190.1	181.4	172.8	164.1	155.7	147.5
147.5°	200.0	199.5	197.7	193.9	188.6	182.9	176.2	169.1	162.3	155.0	147.8
150°	192.6	192.3	191.2	187.8	183.6	178.6	173.3	167.2	161.0	154.2	147.8
152.5°	186.8	186.5	185.4	182.7	179.2	175.2	170.4	164.9	159.4	153.4	147.6
155°	178.9	178.6	177.8	175.8	173.0	169.9	166.0	161.5	156.8	151.8	146.9
157.5°	171.8	171.9	171.1	169.5	167.3	164.9	161.8	158.2	154.3	150.0	146.2
160°	167.2	167.4	166.8	165.5	163.5	161.5	158.8	156.0	152.3	148.9	145.6
162.5°	162.9	163.0	162.8	161.7	160.2	158.4	156.1	153.4	150.5	147.6	144.9
165°	156.8	156.8	156.8	156.2	155.1	153.7	152.0	150.0	147.8	145.6	143.9
167.5°	151.1	151.2	151.5	151.0	150.4	149.4	148.1	146.8	145.2	143.6	142.4
170°	147.8	148.1	148.1	147.8	147.3	146.7	145.8	145.0	143.6	142.5	141.6
172.5°	144.7	145.0	145.4	144.9	144.8	144.5	143.9	143.0	142.0	141.2	140.8
175°	140.9	141.1	141.6	141.4	141.4	141.4	140.9	140.9	140.0	139.7	139.7
177.5°	138.9	138.9	139.5	139.3	139.5	139.5	139.5	139.3	139.1	138.9	138.9
180°	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3
2.5°	443.7	442.7	441.5	439.4	437.0	435.6	433.6	432.3	429.7	427.5	425.1
5°	466.2	461.4	457.1	451.4	445.2	441.2	436.4	431.1	425.6	419.9	413.7
7.5°	489.6	481.1	472.0	462.2	452.5	443.6	435.1	426.9	419.1	409.7	401.8
10°	505.2	494.6	483.2	469.9	456.9	445.5	434.0	424.0	413.7	402.7	393.0
12.5°	520.9	506.8	490.7	476.0	460.4	446.7	433.2	420.3	407.4	395.2	383.9
15°	532.0	519.5	504.7	483.8	466.2	447.3	429.4	412.8	397.2	383.7	369.4
17.5°	539.2	523.2	507.2	487.3	464.2	443.1	422.8	403.7	386.2	369.0	355.3
20°	540.5	524.0	507.4	487.8	464.2	440.1	419.7	396.9	378.0	360.2	343.4
22.5°	540.1	521.4	503.3	483.2	460.1	437.8	413.3	390.0	369.5	352.0	334.5
25°	536.0	516.0	493.3	473.0	450.3	426.7	401.8	377.6	356.8	336.8	319.4
27.5°	532.5	506.7	480.9	457.2	435.3	413.7	389.8	365.1	342.0	321.8	305.4
30°	528.3	499.9	471.0	446.2	423.7	402.7	380.2	356.0	331.8	312.1	294.5
32.5°	524.5	491.4	460.9	434.0	410.1	389.7	368.9	345.9	322.2	302.1	284.6
35°	517.1	478.9	443.9	413.5	388.1	367.0	349.6	328.2	306.4	287.0	270.2
37.5°	507.8	462.4	424.8	393.0	365.1	342.9	326.8	310.3	289.4	270.7	255.5
40°	500.4	450.7	410.9	378.3	349.4	326.4	311.3	295.8	278.5	261.0	244.9
42.5°	491.2	440.1	396.9	361.8	333.2	310.7	294.9	281.8	266.4	250.2	235.3
45°	474.3	421.0	374.1	336.4	307.5	285.3	269.1	259.2	247.6	232.3	219.7
47.5°	449.3	398.1	349.6	310.7	280.8	260.3	245.0	235.5	227.4	216.0	204.5
50°	427.2	381.0	331.8	293.3	263.4	242.7	228.6	220.0	213.1	204.3	194.6
52.5°	402.5	359.4	314.4	276.2	246.7	226.3	212.5	204.9	199.2	192.9	183.3
55°	363.1	326.5	284.8	248.6	221.3	201.4	189.3	182.7	177.9	173.2	167.3
57.5°	319.9	291.2	254.3	221.1	196.0	177.8	166.6	160.2	156.5	154.0	150.6
60°	289.4	264.9	233.1	202.8	178.3	162.2	151.2	146.2	143.1	141.2	138.6
62.5°	261.1	241.0	211.5	183.9	162.5	147.3	137.4	132.6	129.7	128.7	126.6
65°	219.5	203.9	179.6	156.7	138.4	125.4	117.2	112.6	110.7	109.6	109.8
67.5°	178.4	169.0	149.4	129.9	115.3	104.4	97.8	94.3	93.3	91.9	91.9
70°	153.4	146.2	129.8	112.7	99.7	91.3	85.5	81.8	80.9	80.2	80.0
72.5°	131.3	125.0	110.7	97.1	85.4	78.0	73.2	71.0	69.5	69.1	69.0
75°	98.6	95.2	83.8	73.0	65.0	59.9	56.6	54.6	53.5	53.2	53.5
77.5°	70.1	67.1	59.9	52.2	47.1	43.3	40.5	39.8	38.6	38.6	38.4
80°	52.7	50.7	46.1	40.1	35.9	32.6	31.1	29.9	29.5	28.9	29.5
82.5°	38.2	36.0	33.0	29.1	25.6	23.7	22.2	21.8	21.5	21.3	21.4
85°	18.9	19.0	17.2	14.3	12.8	11.7	10.8	10.8	10.6	10.5	10.6
87.5°	7.2	6.7	6.1	5.5	4.8	4.2	3.9	4.0	3.6	3.6	3.9
90°	3.6	3.1	2.8	2.2	1.7	1.1	0.6	0.3	0.6	1.1	1.7
92.5°	63.8	38.3	23.0	14.8	10.0	6.5	4.1	3.4	4.1	6.5	10.0
95°	125.2	63.5	33.6	21.0	14.8	11.7	9.5	9.3	9.5	11.7	14.8
97.5°	99.9	54.7	34.9	25.9	20.4	17.3	15.7	15.4	15.7	17.3	20.4
100°	90.7	54.3	38.1	29.7	24.3	21.3	20.1	19.6	20.1	21.3	24.3
102.5°	86.9	56.3	41.9	33.7	28.8	25.5	24.6	24.3	24.6	25.5	28.8
105°	85.4	60.4	48.2	40.3	35.8	33.0	31.6	31.6	31.6	33.0	35.8
107.5°	87.9	66.6	54.7	47.7	43.0	40.7	39.4	38.8	39.4	40.7	43.0
110°	90.5	71.1	59.7	52.4	48.2	45.6	44.5	44.0	44.5	45.6	48.2



TEST NUMBER: P333117-927

CATALOG NUMBER: S125DIP-S375D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	93.6	75.3	64.3	57.3	53.1	50.5	49.7	49.1	49.7	50.5	53.1
115°	98.2	82.1	71.7	64.6	60.4	58.0	57.1	56.6	57.1	58.0	60.4
117.5°	103.6	88.9	79.1	72.3	67.5	65.0	64.1	63.3	64.1	65.0	67.5
120°	107.3	93.8	84.0	77.0	72.2	69.7	68.6	67.7	68.6	69.7	72.2
122.5°	111.2	98.5	88.7	81.7	76.5	74.0	73.0	72.5	73.0	74.0	76.5
125°	116.8	104.7	95.5	88.2	82.9	80.3	79.0	78.4	79.0	80.3	82.9
127.5°	121.8	110.7	101.8	94.5	88.9	85.6	83.9	83.0	83.9	85.6	88.9
130°	125.2	114.5	105.8	98.5	92.7	89.0	86.8	86.0	86.8	89.0	92.7
132.5°	128.1	118.1	109.4	102.1	96.0	92.0	89.3	88.2	89.3	92.0	96.0
135°	132.1	122.9	114.2	106.7	100.8	96.3	92.9	91.8	92.9	96.3	100.8
137.5°	135.1	126.4	118.4	110.7	104.9	100.4	97.3	96.4	97.3	100.4	104.9
140°	137.2	128.8	120.6	113.1	107.8	103.3	100.0	99.1	100.0	103.3	107.8
142.5°	138.3	130.3	122.7	115.6	110.5	106.0	102.8	102.3	102.8	106.0	110.5
145°	140.0	133.0	125.7	119.3	114.2	110.3	107.5	106.9	107.5	110.3	114.2
147.5°	141.0	134.7	128.3	122.6	118.3	114.6	112.2	111.9	112.2	114.6	118.3
150°	141.6	135.8	129.6	124.8	121.0	117.3	115.3	114.8	115.3	117.3	121.0
152.5°	142.1	136.9	131.2	126.9	123.2	120.0	118.3	118.0	118.3	120.0	123.2
155°	142.5	138.0	133.2	129.4	126.5	123.7	122.1	122.1	122.1	123.7	126.5
157.5°	142.8	138.9	134.9	131.9	129.4	127.1	125.7	125.8	125.7	127.1	129.4
160°	142.8	139.4	135.8	133.2	131.0	129.0	127.9	128.3	127.9	129.0	131.0
162.5°	142.6	139.9	136.7	134.6	132.8	131.1	130.0	130.2	130.0	131.1	132.8
165°	142.2	140.0	137.8	136.1	134.9	133.6	132.7	133.2	132.7	133.6	134.9
167.5°	141.6	140.0	138.2	137.0	136.3	135.5	135.0	135.3	135.0	135.5	136.3
170°	141.1	140.0	138.6	137.8	137.2	136.7	136.3	136.7	136.3	136.7	137.2
172.5°	140.7	139.7	138.6	138.2	137.8	137.3	137.0	137.5	137.0	137.3	137.8
175°	140.0	139.4	138.6	138.6	138.6	138.3	138.0	138.6	138.0	138.3	138.6
177.5°	139.3	139.1	138.6	138.6	138.9	138.6	138.6	139.1	138.6	138.6	138.9
180°	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9



TEST NUMBER: P333117-927

CATALOG NUMBER: S125DIP-S375D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3
2.5°	423.8	422.2	420.9	418.0	416.3	414.2	412.4	414.3	412.3	413.1	411.8
5°	410.6	405.4	401.8	396.5	391.9	387.7	384.6	384.0	382.5	381.8	379.6
7.5°	394.7	388.2	382.0	375.0	369.2	363.2	359.4	356.2	354.2	351.4	349.5
10°	385.3	376.7	369.4	361.0	353.6	347.2	342.1	339.5	337.2	333.7	332.4
12.5°	373.8	364.9	355.9	346.9	339.8	332.7	328.4	324.5	322.8	318.9	318.5
15°	359.9	346.5	337.7	328.6	318.9	313.0	309.3	305.1	303.3	300.6	298.6
17.5°	343.3	331.4	320.4	310.9	302.6	297.7	293.1	290.3	287.1	285.3	282.0
20°	331.3	320.0	309.0	298.9	292.5	286.8	283.2	280.4	277.1	276.2	272.9
22.5°	321.2	308.7	298.2	289.7	282.7	276.3	272.4	270.5	268.2	265.4	264.7
25°	304.8	291.8	282.8	274.4	268.2	262.3	259.6	257.2	255.0	252.9	252.2
27.5°	290.6	278.9	268.3	260.7	255.2	249.9	247.6	244.6	243.0	241.4	239.4
30°	280.6	268.7	259.4	252.1	246.2	241.5	238.8	236.9	235.4	233.9	232.8
32.5°	270.4	259.4	250.3	243.1	237.3	233.7	231.4	230.0	228.4	226.6	225.2
35°	256.8	244.7	235.9	229.7	225.1	222.4	219.8	218.6	216.7	216.7	215.2
37.5°	241.5	231.1	223.3	217.7	213.6	211.1	208.3	207.5	206.3	205.5	205.0
40°	232.5	222.8	215.5	209.8	205.4	203.4	201.1	199.7	199.0	198.0	197.7
42.5°	223.1	213.8	206.8	201.6	197.7	196.1	194.0	193.0	191.5	190.3	190.0
45°	208.8	199.9	193.5	189.3	186.0	183.9	182.7	180.5	179.7	178.3	178.1
47.5°	195.4	186.7	180.5	177.0	174.1	172.5	170.5	168.3	167.4	166.7	166.6
50°	185.2	177.4	171.5	168.3	165.5	163.1	161.1	159.6	159.1	159.1	159.5
52.5°	175.0	168.3	163.3	159.3	156.7	154.2	152.3	151.4	150.6	151.5	152.1
55°	160.0	153.2	149.6	145.7	143.1	140.2	139.3	138.9	138.4	139.8	140.6
57.5°	144.1	139.3	135.1	131.3	129.0	127.2	126.0	125.8	126.8	127.5	129.9
60°	134.0	128.5	124.7	121.8	119.0	117.9	117.5	117.2	117.9	119.9	123.0
62.5°	122.9	118.4	114.2	112.1	110.0	108.2	108.1	108.4	109.8	112.2	115.3
65°	106.5	102.7	100.0	97.4	95.7	94.7	95.0	95.7	97.4	100.5	103.9
67.5°	89.9	87.3	84.8	82.8	81.2	81.2	81.6	82.7	84.6	88.2	91.3
70°	79.3	76.4	74.3	73.4	72.1	71.4	72.5	74.3	76.0	79.3	82.0
72.5°	68.6	66.1	64.5	63.8	63.3	62.7	63.1	65.1	67.3	70.6	73.8
75°	52.7	51.8	50.7	50.0	49.4	49.8	50.1	52.0	53.8	57.3	60.9
77.5°	38.5	37.5	36.8	36.7	36.4	36.6	37.6	39.0	40.7	43.3	46.0
80°	29.1	28.8	28.4	28.2	28.2	28.4	29.9	30.7	32.4	34.8	37.0
82.5°	21.2	21.0	20.9	20.8	21.0	21.1	21.9	23.1	24.5	26.3	28.2
85°	11.2	10.8	11.3	11.6	11.2	11.7	12.1	12.8	13.4	14.3	15.2
87.5°	4.1	4.5	4.4	4.7	4.8	5.1	5.1	5.7	6.0	6.4	6.3
90°	2.2	2.8	3.1	3.6	3.9	4.5	4.8	5.1	5.3	5.6	6.2
92.5°	14.8	23.0	38.3	63.8	91.7	90.2	73.0	49.6	36.0	27.1	23.0
95°	21.0	33.6	63.5	125.2	202.4	248.0	242.7	201.3	158.8	124.3	100.8
97.5°	25.9	34.9	54.7	99.9	180.8	264.9	307.1	299.8	270.0	236.4	203.7
100°	29.7	38.1	54.3	90.7	161.3	252.8	322.8	344.4	330.7	301.8	272.7
102.5°	33.7	41.9	56.3	86.9	146.5	231.6	313.4	359.3	367.8	354.0	334.3
105°	40.3	48.2	60.4	85.4	132.1	203.0	283.4	350.5	388.9	401.2	398.2
107.5°	47.7	54.7	66.6	87.9	126.1	183.3	252.6	318.9	370.1	401.7	416.4
110°	52.4	59.7	71.1	90.5	124.3	174.1	235.2	295.6	348.9	388.3	412.1



TEST NUMBER: P333117-927

CATALOG NUMBER: S125DIP-S375D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	57.3	64.3	75.3	93.6	124.3	168.7	222.2	277.3	327.8	367.7	395.8
115°	64.6	71.7	82.1	98.2	125.2	163.0	208.0	254.2	297.6	336.0	366.5
117.5°	72.3	79.1	88.9	103.6	127.0	160.1	199.6	239.3	276.7	309.7	337.8
120°	77.0	84.0	93.8	107.3	128.8	158.8	194.9	231.2	264.8	295.6	320.3
122.5°	81.7	88.7	98.5	111.2	130.3	157.6	190.8	225.2	256.4	283.8	306.8
125°	88.2	95.5	104.7	116.8	133.0	156.2	185.4	216.4	244.9	269.3	289.5
127.5°	94.5	101.8	110.7	121.8	135.9	155.6	180.3	207.5	234.1	256.8	275.7
130°	98.5	105.8	114.5	125.2	137.8	155.1	177.0	201.8	226.5	248.3	266.6
132.5°	102.1	109.4	118.1	128.1	139.7	155.1	174.3	196.2	219.4	239.2	256.7
135°	106.7	114.2	122.9	132.1	142.5	155.1	171.0	189.0	208.3	226.2	242.2
137.5°	110.7	118.4	126.4	135.1	145.0	155.4	168.2	182.8	198.4	213.3	226.9
140°	113.1	120.6	128.8	137.2	146.2	155.7	166.8	179.4	192.6	205.5	217.2
142.5°	115.6	122.7	130.3	138.3	146.8	155.9	165.7	176.6	187.7	198.8	209.0
145°	119.3	125.7	133.0	140.0	147.5	155.7	164.1	172.8	181.4	190.1	197.6
147.5°	122.6	128.3	134.7	141.0	147.8	155.0	162.3	169.1	176.2	182.9	188.6
150°	124.8	129.6	135.8	141.6	147.8	154.2	161.0	167.2	173.3	178.6	183.6
152.5°	126.9	131.2	136.9	142.1	147.6	153.4	159.4	164.9	170.4	175.2	179.2
155°	129.4	133.2	138.0	142.5	146.9	151.8	156.8	161.5	166.0	169.9	173.0
157.5°	131.9	134.9	138.9	142.8	146.2	150.0	154.3	158.2	161.8	164.9	167.3
160°	133.2	135.8	139.4	142.8	145.6	148.9	152.3	156.0	158.8	161.5	163.5
162.5°	134.6	136.7	139.9	142.6	144.9	147.6	150.5	153.4	156.1	158.4	160.2
165°	136.1	137.8	140.0	142.2	143.9	145.6	147.8	150.0	152.0	153.7	155.1
167.5°	137.0	138.2	140.0	141.6	142.4	143.6	145.2	146.8	148.1	149.4	150.4
170°	137.8	138.6	140.0	141.1	141.6	142.5	143.6	145.0	145.8	146.7	147.3
172.5°	138.2	138.6	139.7	140.7	140.8	141.2	142.0	143.0	143.9	144.5	144.8
175°	138.6	138.6	139.4	140.0	139.7	139.7	140.0	140.9	140.9	141.4	141.4
177.5°	138.6	138.6	139.1	139.3	138.9	138.9	139.1	139.3	139.5	139.5	139.5
180°	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9



TEST NUMBER: P333117-927

CATALOG NUMBER: S125DIP-S375D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3
2.5°	410.9	411.9	411.1	412.3	411.1	411.9	410.9	411.8	413.1	412.3	414.3
5°	378.7	377.1	378.2	377.5	378.2	377.1	378.7	379.6	381.8	382.5	384.0
7.5°	349.0	347.5	345.6	344.8	345.6	347.5	349.0	349.5	351.4	354.2	356.2
10°	330.4	328.4	328.2	326.9	328.2	328.4	330.4	332.4	333.7	337.2	339.5
12.5°	316.8	314.9	312.8	312.3	312.8	314.9	316.8	318.5	318.9	322.8	324.5
15°	297.5	296.0	294.7	295.8	294.7	296.0	297.5	298.6	300.6	303.3	305.1
17.5°	281.4	280.2	280.0	278.6	280.0	280.2	281.4	282.0	285.3	287.1	290.3
20°	271.2	270.4	270.8	268.3	270.8	270.4	271.2	272.9	276.2	277.1	280.4
22.5°	263.2	261.4	261.2	260.7	261.2	261.4	263.2	264.7	265.4	268.2	270.5
25°	250.6	249.7	248.7	249.7	248.7	249.7	250.6	252.2	252.9	255.0	257.2
27.5°	239.6	238.4	238.2	238.4	238.2	238.4	239.6	239.4	241.4	243.0	244.6
30°	232.8	231.0	231.2	231.0	231.2	231.0	232.8	232.8	233.9	235.4	236.9
32.5°	225.5	224.3	224.0	223.7	224.0	224.3	225.5	225.2	226.6	228.4	230.0
35°	214.7	214.7	213.8	213.8	213.8	214.7	214.7	215.2	216.7	216.7	218.6
37.5°	204.5	204.4	203.8	203.9	203.8	204.4	204.5	205.0	205.5	206.3	207.5
40°	196.9	196.8	196.2	195.1	196.2	196.8	196.9	197.7	198.0	199.0	199.7
42.5°	189.6	189.0	188.8	188.4	188.8	189.0	189.6	190.0	190.3	191.5	193.0
45°	178.1	178.1	177.8	177.5	177.8	178.1	178.1	178.1	178.3	179.7	180.5
47.5°	166.9	167.2	167.9	167.8	167.9	167.2	166.9	166.6	166.7	167.4	168.3
50°	160.2	160.3	160.9	161.1	160.9	160.3	160.2	159.5	159.1	159.1	159.6
52.5°	152.7	153.8	154.5	154.3	154.5	153.8	152.7	152.1	151.5	150.6	151.4
55°	142.2	143.5	144.8	145.0	144.8	143.5	142.2	140.6	139.8	138.4	138.9
57.5°	131.9	133.6	135.0	135.5	135.0	133.6	131.9	129.9	127.5	126.8	125.8
60°	124.8	127.2	128.9	129.6	128.9	127.2	124.8	123.0	119.9	117.9	117.2
62.5°	118.1	120.8	122.4	122.6	122.4	120.8	118.1	115.3	112.2	109.8	108.4
65°	107.1	109.8	111.3	112.4	111.3	109.8	107.1	103.9	100.5	97.4	95.7
67.5°	95.2	98.0	99.6	100.4	99.6	98.0	95.2	91.3	88.2	84.6	82.7
70°	86.6	89.4	91.5	92.3	91.5	89.4	86.6	82.0	79.3	76.0	74.3
72.5°	78.1	80.6	82.3	83.2	82.3	80.6	78.1	73.8	70.6	67.3	65.1
75°	63.3	66.6	68.3	69.2	68.3	66.6	63.3	60.9	57.3	53.8	52.0
77.5°	48.8	51.8	52.8	53.3	52.8	51.8	48.8	46.0	43.3	40.7	39.0
80°	39.1	41.0	42.3	42.5	42.3	41.0	39.1	37.0	34.8	32.4	30.7
82.5°	30.1	31.6	32.0	32.5	32.0	31.6	30.1	28.2	26.3	24.5	23.1
85°	16.5	17.2	17.4	17.2	17.4	17.2	16.5	15.2	14.3	13.4	12.8
87.5°	6.7	6.5	6.6	6.9	6.6	6.5	6.7	6.3	6.4	6.0	5.7
90°	6.2	6.2	6.4	6.4	6.4	6.2	6.2	6.2	5.6	5.3	5.1
92.5°	19.4	18.7	18.3	17.8	18.3	18.7	19.4	23.0	27.1	36.0	49.6
95°	80.9	72.5	70.3	65.8	70.3	72.5	80.9	100.8	124.3	158.8	201.3
97.5°	186.4	170.7	162.6	159.0	162.6	170.7	186.4	203.7	236.4	270.0	299.8
100°	253.3	233.2	222.8	218.4	222.8	233.2	253.3	272.7	301.8	330.7	344.4
102.5°	313.6	299.3	288.0	284.7	288.0	299.3	313.6	334.3	354.0	367.8	359.3
105°	389.1	379.9	374.3	371.0	374.3	379.9	389.1	398.2	401.2	388.9	350.5
107.5°	420.9	420.9	419.0	416.8	419.0	420.9	420.9	416.4	401.7	370.1	318.9
110°	424.7	430.0	432.0	432.0	432.0	430.0	424.7	412.1	388.3	348.9	295.6



TEST NUMBER: P333117-927

CATALOG NUMBER: S125DIP-S375D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	414.2	423.3	428.2	430.2	428.2	423.3	414.2	395.8	367.7	327.8	277.3
115°	388.3	401.7	409.6	413.2	409.6	401.7	388.3	366.5	336.0	297.6	254.2
117.5°	359.6	373.5	381.3	383.5	381.3	373.5	359.6	337.8	309.7	276.7	239.3
120°	341.0	354.4	362.0	364.2	362.0	354.4	341.0	320.3	295.6	264.8	231.2
122.5°	325.3	337.6	345.2	347.2	345.2	337.6	325.3	306.8	283.8	256.4	225.2
125°	305.1	316.6	322.8	325.6	322.8	316.6	305.1	289.5	269.3	244.9	216.4
127.5°	289.9	300.1	305.9	307.1	305.9	300.1	289.9	275.7	256.8	234.1	207.5
130°	280.5	289.8	295.4	297.1	295.4	289.8	280.5	266.6	248.3	226.5	201.8
132.5°	270.7	279.9	285.0	286.9	285.0	279.9	270.7	256.7	239.2	219.4	196.2
135°	254.5	263.7	268.8	270.5	268.8	263.7	254.5	242.2	226.2	208.3	189.0
137.5°	237.9	246.3	251.0	252.8	251.0	246.3	237.9	226.9	213.3	198.4	182.8
140°	227.6	234.9	239.1	240.5	239.1	234.9	227.6	217.2	205.5	192.6	179.4
142.5°	217.8	223.9	227.9	229.1	227.9	223.9	217.8	209.0	198.8	187.7	176.6
145°	204.4	209.1	212.2	213.3	212.2	209.1	204.4	197.6	190.1	181.4	172.8
147.5°	193.9	197.7	199.5	200.0	199.5	197.7	193.9	188.6	182.9	176.2	169.1
150°	187.8	191.2	192.3	192.6	192.3	191.2	187.8	183.6	178.6	173.3	167.2
152.5°	182.7	185.4	186.5	186.8	186.5	185.4	182.7	179.2	175.2	170.4	164.9
155°	175.8	177.8	178.6	178.9	178.6	177.8	175.8	173.0	169.9	166.0	161.5
157.5°	169.5	171.1	171.9	171.8	171.9	171.1	169.5	167.3	164.9	161.8	158.2
160°	165.5	166.8	167.4	167.2	167.4	166.8	165.5	163.5	161.5	158.8	156.0
162.5°	161.7	162.8	163.0	162.9	163.0	162.8	161.7	160.2	158.4	156.1	153.4
165°	156.2	156.8	156.8	156.8	156.8	156.8	156.2	155.1	153.7	152.0	150.0
167.5°	151.0	151.5	151.2	151.1	151.2	151.5	151.0	150.4	149.4	148.1	146.8
170°	147.8	148.1	148.1	147.8	148.1	148.1	147.8	147.3	146.7	145.8	145.0
172.5°	144.9	145.4	145.0	144.7	145.0	145.4	144.9	144.8	144.5	143.9	143.0
175°	141.4	141.6	141.1	140.9	141.1	141.6	141.4	141.4	141.4	140.9	140.9
177.5°	139.3	139.5	138.9	138.9	138.9	139.5	139.3	139.5	139.5	139.5	139.3
180°	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9



TEST NUMBER: P333117-927

CATALOG NUMBER: S125DIP-S375D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3
2.5°	412.4	414.2	416.3	418.0	420.9	422.2	423.8	425.1	427.5	429.7	432.3
5°	384.6	387.7	391.9	396.5	401.8	405.4	410.6	413.7	419.9	425.6	431.1
7.5°	359.4	363.2	369.2	375.0	382.0	388.2	394.7	401.8	409.7	419.1	426.9
10°	342.1	347.2	353.6	361.0	369.4	376.7	385.3	393.0	402.7	413.7	424.0
12.5°	328.4	332.7	339.8	346.9	355.9	364.9	373.8	383.9	395.2	407.4	420.3
15°	309.3	313.0	318.9	328.6	337.7	346.5	359.9	369.4	383.7	397.2	412.8
17.5°	293.1	297.7	302.6	310.9	320.4	331.4	343.3	355.3	369.0	386.2	403.7
20°	283.2	286.8	292.5	298.9	309.0	320.0	331.3	343.4	360.2	378.0	396.9
22.5°	272.4	276.3	282.7	289.7	298.2	308.7	321.2	334.5	352.0	369.5	390.0
25°	259.6	262.3	268.2	274.4	282.8	291.8	304.8	319.4	336.8	356.8	377.6
27.5°	247.6	249.9	255.2	260.7	268.3	278.9	290.6	305.4	321.8	342.0	365.1
30°	238.8	241.5	246.2	252.1	259.4	268.7	280.6	294.5	312.1	331.8	356.0
32.5°	231.4	233.7	237.3	243.1	250.3	259.4	270.4	284.6	302.1	322.2	345.9
35°	219.8	222.4	225.1	229.7	235.9	244.7	256.8	270.2	287.0	306.4	328.2
37.5°	208.3	211.1	213.6	217.7	223.3	231.1	241.5	255.5	270.7	289.4	310.3
40°	201.1	203.4	205.4	209.8	215.5	222.8	232.5	244.9	261.0	278.5	295.8
42.5°	194.0	196.1	197.7	201.6	206.8	213.8	223.1	235.3	250.2	266.4	281.8
45°	182.7	183.9	186.0	189.3	193.5	199.9	208.8	219.7	232.3	247.6	259.2
47.5°	170.5	172.5	174.1	177.0	180.5	186.7	195.4	204.5	216.0	227.4	235.5
50°	161.1	163.1	165.5	168.3	171.5	177.4	185.2	194.6	204.3	213.1	220.0
52.5°	152.3	154.2	156.7	159.3	163.3	168.3	175.0	183.3	192.9	199.2	204.9
55°	139.3	140.2	143.1	145.7	149.6	153.2	160.0	167.3	173.2	177.9	182.7
57.5°	126.0	127.2	129.0	131.3	135.1	139.3	144.1	150.6	154.0	156.5	160.2
60°	117.5	117.9	119.0	121.8	124.7	128.5	134.0	138.6	141.2	143.1	146.2
62.5°	108.1	108.2	110.0	112.1	114.2	118.4	122.9	126.6	128.7	129.7	132.6
65°	95.0	94.7	95.7	97.4	100.0	102.7	106.5	109.8	109.6	110.7	112.6
67.5°	81.6	81.2	81.2	82.8	84.8	87.3	89.9	91.9	91.9	93.3	94.3
70°	72.5	71.4	72.1	73.4	74.3	76.4	79.3	80.0	80.2	80.9	81.8
72.5°	63.1	62.7	63.3	63.8	64.5	66.1	68.6	69.0	69.1	69.5	71.0
75°	50.1	49.8	49.4	50.0	50.7	51.8	52.7	53.5	53.2	53.5	54.6
77.5°	37.6	36.6	36.4	36.7	36.8	37.5	38.5	38.4	38.6	38.6	39.8
80°	29.9	28.4	28.2	28.2	28.4	28.8	29.1	29.5	28.9	29.5	29.9
82.5°	21.9	21.1	21.0	20.8	20.9	21.0	21.2	21.4	21.3	21.5	21.8
85°	12.1	11.7	11.2	11.6	11.3	10.8	11.2	10.6	10.5	10.6	10.8
87.5°	5.1	5.1	4.8	4.7	4.4	4.5	4.1	3.9	3.6	3.6	4.0
90°	4.8	4.5	3.9	3.6	3.1	2.8	2.2	1.7	1.1	0.6	0.3
92.5°	73.0	90.2	91.7	63.8	38.3	23.0	14.8	10.0	6.5	4.1	3.4
95°	242.7	248.0	202.4	125.2	63.5	33.6	21.0	14.8	11.7	9.5	9.3
97.5°	307.1	264.9	180.8	99.9	54.7	34.9	25.9	20.4	17.3	15.7	15.4
100°	322.8	252.8	161.3	90.7	54.3	38.1	29.7	24.3	21.3	20.1	19.6
102.5°	313.4	231.6	146.5	86.9	56.3	41.9	33.7	28.8	25.5	24.6	24.3
105°	283.4	203.0	132.1	85.4	60.4	48.2	40.3	35.8	33.0	31.6	31.6
107.5°	252.6	183.3	126.1	87.9	66.6	54.7	47.7	43.0	40.7	39.4	38.8
110°	235.2	174.1	124.3	90.5	71.1	59.7	52.4	48.2	45.6	44.5	44.0



TEST NUMBER: P333117-927

CATALOG NUMBER: S125DIP-S375D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	222.2	168.7	124.3	93.6	75.3	64.3	57.3	53.1	50.5	49.7	49.1
115°	208.0	163.0	125.2	98.2	82.1	71.7	64.6	60.4	58.0	57.1	56.6
117.5°	199.6	160.1	127.0	103.6	88.9	79.1	72.3	67.5	65.0	64.1	63.3
120°	194.9	158.8	128.8	107.3	93.8	84.0	77.0	72.2	69.7	68.6	67.7
122.5°	190.8	157.6	130.3	111.2	98.5	88.7	81.7	76.5	74.0	73.0	72.5
125°	185.4	156.2	133.0	116.8	104.7	95.5	88.2	82.9	80.3	79.0	78.4
127.5°	180.3	155.6	135.9	121.8	110.7	101.8	94.5	88.9	85.6	83.9	83.0
130°	177.0	155.1	137.8	125.2	114.5	105.8	98.5	92.7	89.0	86.8	86.0
132.5°	174.3	155.1	139.7	128.1	118.1	109.4	102.1	96.0	92.0	89.3	88.2
135°	171.0	155.1	142.5	132.1	122.9	114.2	106.7	100.8	96.3	92.9	91.8
137.5°	168.2	155.4	145.0	135.1	126.4	118.4	110.7	104.9	100.4	97.3	96.4
140°	166.8	155.7	146.2	137.2	128.8	120.6	113.1	107.8	103.3	100.0	99.1
142.5°	165.7	155.9	146.8	138.3	130.3	122.7	115.6	110.5	106.0	102.8	102.3
145°	164.1	155.7	147.5	140.0	133.0	125.7	119.3	114.2	110.3	107.5	106.9
147.5°	162.3	155.0	147.8	141.0	134.7	128.3	122.6	118.3	114.6	112.2	111.9
150°	161.0	154.2	147.8	141.6	135.8	129.6	124.8	121.0	117.3	115.3	114.8
152.5°	159.4	153.4	147.6	142.1	136.9	131.2	126.9	123.2	120.0	118.3	118.0
155°	156.8	151.8	146.9	142.5	138.0	133.2	129.4	126.5	123.7	122.1	122.1
157.5°	154.3	150.0	146.2	142.8	138.9	134.9	131.9	129.4	127.1	125.7	125.8
160°	152.3	148.9	145.6	142.8	139.4	135.8	133.2	131.0	129.0	127.9	128.3
162.5°	150.5	147.6	144.9	142.6	139.9	136.7	134.6	132.8	131.1	130.0	130.2
165°	147.8	145.6	143.9	142.2	140.0	137.8	136.1	134.9	133.6	132.7	133.2
167.5°	145.2	143.6	142.4	141.6	140.0	138.2	137.0	136.3	135.5	135.0	135.3
170°	143.6	142.5	141.6	141.1	140.0	138.6	137.8	137.2	136.7	136.3	136.7
172.5°	142.0	141.2	140.8	140.7	139.7	138.6	138.2	137.8	137.3	137.0	137.5
175°	140.0	139.7	139.7	140.0	139.4	138.6	138.6	138.6	138.3	138.0	138.6
177.5°	139.1	138.9	138.9	139.3	139.1	138.6	138.6	138.9	138.6	138.6	139.1
180°	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9



TEST NUMBER: P333117-927

CATALOG NUMBER: S125DIP-S375D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3
2.5°	433.6	435.6	437.0	439.4	441.5	442.7	443.7	444.6	445.6	446.5	449.0
5°	436.4	441.2	445.2	451.4	457.1	461.4	466.2	470.4	473.9	478.9	482.7
7.5°	435.1	443.6	452.5	462.2	472.0	481.1	489.6	497.4	504.5	513.2	520.8
10°	434.0	445.5	456.9	469.9	483.2	494.6	505.2	516.0	523.9	534.9	544.2
12.5°	433.2	446.7	460.4	476.0	490.7	506.8	520.9	528.8	540.7	549.5	560.6
15°	429.4	447.3	466.2	483.8	504.7	519.5	532.0	547.3	558.5	569.7	581.7
17.5°	422.8	443.1	464.2	487.3	507.2	523.2	539.2	554.1	567.4	582.3	597.4
20°	419.7	440.1	464.2	487.8	507.4	524.0	540.5	556.8	571.5	590.7	608.1
22.5°	413.3	437.8	460.1	483.2	503.3	521.4	540.1	558.6	578.1	599.8	621.5
25°	401.8	426.7	450.3	473.0	493.3	516.0	536.0	560.7	585.6	614.3	641.4
27.5°	389.8	413.7	435.3	457.2	480.9	506.7	532.5	560.5	593.2	629.5	667.7
30°	380.2	402.7	423.7	446.2	471.0	499.9	528.3	561.6	599.3	640.1	685.6
32.5°	368.9	389.7	410.1	434.0	460.9	491.4	524.5	561.0	606.3	652.7	699.4
35°	349.6	367.0	388.1	413.5	443.9	478.9	517.1	560.3	612.3	665.6	704.9
37.5°	326.8	342.9	365.1	393.0	424.8	462.4	507.8	559.0	614.3	656.7	669.4
40°	311.3	326.4	349.4	378.3	410.9	450.7	500.4	554.6	608.1	635.2	624.7
42.5°	294.9	310.7	333.2	361.8	396.9	440.1	491.2	545.4	590.3	600.5	564.4
45°	269.1	285.3	307.5	336.4	374.1	421.0	474.3	523.6	549.3	530.8	475.0
47.5°	245.0	260.3	280.8	310.7	349.6	398.1	449.3	488.6	490.7	446.6	386.9
50°	228.6	242.7	263.4	293.3	331.8	381.0	427.2	458.2	444.3	394.3	337.0
52.5°	212.5	226.3	246.7	276.2	314.4	359.4	402.5	424.2	398.0	346.7	297.8
55°	189.3	201.4	221.3	248.6	284.8	326.5	363.1	370.7	336.6	286.1	246.4
57.5°	166.6	177.8	196.0	221.1	254.3	291.2	319.9	318.2	282.3	238.9	207.4
60°	151.2	162.2	178.3	202.8	233.1	264.9	289.4	283.5	247.9	210.5	183.9
62.5°	137.4	147.3	162.5	183.9	211.5	241.0	261.1	252.5	217.5	184.9	163.9
65°	117.2	125.4	138.4	156.7	179.6	203.9	219.5	208.3	178.5	153.0	136.2
67.5°	97.8	104.4	115.3	129.9	149.4	169.0	178.4	167.2	143.3	124.8	112.3
70°	85.5	91.3	99.7	112.7	129.8	146.2	153.4	143.3	122.8	106.9	97.9
72.5°	73.2	78.0	85.4	97.1	110.7	125.0	131.3	121.7	104.8	91.3	83.0
75°	56.6	59.9	65.0	73.0	83.8	95.2	98.6	90.2	79.5	69.4	63.8
77.5°	40.5	43.3	47.1	52.2	59.9	67.1	70.1	65.3	57.0	50.5	46.0
80°	31.1	32.6	35.9	40.1	46.1	50.7	52.7	49.6	43.7	39.0	35.5
82.5°	22.2	23.7	25.6	29.1	33.0	36.0	38.2	36.1	31.9	28.1	26.1
85°	10.8	11.7	12.8	14.3	17.2	19.0	18.9	17.6	15.9	14.5	13.4
87.5°	3.9	4.2	4.8	5.5	6.1	6.7	7.2	7.0	6.5	6.1	5.7
90°	0.6	1.1	1.7	2.2	2.8	3.1	3.6	3.9	4.5	4.8	5.1
92.5°	4.1	6.5	10.0	14.8	23.0	38.3	63.8	91.7	90.2	73.0	49.6
95°	9.5	11.7	14.8	21.0	33.6	63.5	125.2	202.4	248.0	242.7	201.3
97.5°	15.7	17.3	20.4	25.9	34.9	54.7	99.9	180.8	264.9	307.1	299.8
100°	20.1	21.3	24.3	29.7	38.1	54.3	90.7	161.3	252.8	322.8	344.4
102.5°	24.6	25.5	28.8	33.7	41.9	56.3	86.9	146.5	231.6	313.4	359.3
105°	31.6	33.0	35.8	40.3	48.2	60.4	85.4	132.1	203.0	283.4	350.5
107.5°	39.4	40.7	43.0	47.7	54.7	66.6	87.9	126.1	183.3	252.6	318.9
110°	44.5	45.6	48.2	52.4	59.7	71.1	90.5	124.3	174.1	235.2	295.6



TEST NUMBER: P333117-927

CATALOG NUMBER: S125DIP-S375D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	49.7	50.5	53.1	57.3	64.3	75.3	93.6	124.3	168.7	222.2	277.3
115°	57.1	58.0	60.4	64.6	71.7	82.1	98.2	125.2	163.0	208.0	254.2
117.5°	64.1	65.0	67.5	72.3	79.1	88.9	103.6	127.0	160.1	199.6	239.3
120°	68.6	69.7	72.2	77.0	84.0	93.8	107.3	128.8	158.8	194.9	231.2
122.5°	73.0	74.0	76.5	81.7	88.7	98.5	111.2	130.3	157.6	190.8	225.2
125°	79.0	80.3	82.9	88.2	95.5	104.7	116.8	133.0	156.2	185.4	216.4
127.5°	83.9	85.6	88.9	94.5	101.8	110.7	121.8	135.9	155.6	180.3	207.5
130°	86.8	89.0	92.7	98.5	105.8	114.5	125.2	137.8	155.1	177.0	201.8
132.5°	89.3	92.0	96.0	102.1	109.4	118.1	128.1	139.7	155.1	174.3	196.2
135°	92.9	96.3	100.8	106.7	114.2	122.9	132.1	142.5	155.1	171.0	189.0
137.5°	97.3	100.4	104.9	110.7	118.4	126.4	135.1	145.0	155.4	168.2	182.8
140°	100.0	103.3	107.8	113.1	120.6	128.8	137.2	146.2	155.7	166.8	179.4
142.5°	102.8	106.0	110.5	115.6	122.7	130.3	138.3	146.8	155.9	165.7	176.6
145°	107.5	110.3	114.2	119.3	125.7	133.0	140.0	147.5	155.7	164.1	172.8
147.5°	112.2	114.6	118.3	122.6	128.3	134.7	141.0	147.8	155.0	162.3	169.1
150°	115.3	117.3	121.0	124.8	129.6	135.8	141.6	147.8	154.2	161.0	167.2
152.5°	118.3	120.0	123.2	126.9	131.2	136.9	142.1	147.6	153.4	159.4	164.9
155°	122.1	123.7	126.5	129.4	133.2	138.0	142.5	146.9	151.8	156.8	161.5
157.5°	125.7	127.1	129.4	131.9	134.9	138.9	142.8	146.2	150.0	154.3	158.2
160°	127.9	129.0	131.0	133.2	135.8	139.4	142.8	145.6	148.9	152.3	156.0
162.5°	130.0	131.1	132.8	134.6	136.7	139.9	142.6	144.9	147.6	150.5	153.4
165°	132.7	133.6	134.9	136.1	137.8	140.0	142.2	143.9	145.6	147.8	150.0
167.5°	135.0	135.5	136.3	137.0	138.2	140.0	141.6	142.4	143.6	145.2	146.8
170°	136.3	136.7	137.2	137.8	138.6	140.0	141.1	141.6	142.5	143.6	145.0
172.5°	137.0	137.3	137.8	138.2	138.6	139.7	140.7	140.8	141.2	142.0	143.0
175°	138.0	138.3	138.6	138.6	138.6	139.4	140.0	139.7	139.7	140.0	140.9
177.5°	138.6	138.6	138.9	138.6	138.6	139.1	139.3	138.9	138.9	139.1	139.3
180°	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	431.3	431.3	431.3	431.3	431.3	431.3	431.3
2.5°	451.1	452.2	454.7	453.8	455.0	455.6	456.1
5°	487.4	493.3	495.9	495.5	499.4	498.4	497.5
7.5°	528.6	534.7	538.2	542.5	544.9	545.2	547.3
10°	551.9	559.9	563.2	567.8	570.8	572.4	572.2
12.5°	569.7	576.1	583.4	585.7	589.6	591.8	591.0
15°	591.3	601.3	609.0	612.8	617.8	619.2	621.2
17.5°	610.5	623.9	632.9	644.8	649.4	652.1	650.5
20°	625.0	642.7	651.6	665.9	673.8	678.0	676.5
22.5°	642.1	661.3	677.9	690.2	702.2	707.9	709.1
25°	671.5	697.8	722.2	738.4	753.2	756.7	764.4
27.5°	704.3	735.3	761.4	778.5	788.8	792.7	795.1
30°	724.8	755.8	775.4	786.4	789.6	789.3	788.9
32.5°	735.0	754.3	758.1	755.0	747.5	741.1	734.4
35°	720.6	706.2	684.6	656.8	636.3	615.6	613.5
37.5°	648.2	601.9	565.9	525.8	502.6	488.3	478.4
40°	579.9	527.4	483.8	450.0	426.4	417.0	407.8
42.5°	505.8	455.6	417.0	388.7	371.0	360.6	353.4
45°	410.9	366.6	336.4	315.9	301.8	293.8	289.2
47.5°	336.8	304.0	278.3	263.5	253.8	247.6	247.6
50°	296.9	265.6	248.6	236.9	228.5	223.5	224.4
52.5°	261.6	238.2	223.7	213.9	207.6	204.6	204.5
55°	218.7	201.9	192.4	185.2	181.0	177.5	178.3
57.5°	187.1	172.9	166.5	160.6	157.6	156.3	154.2
60°	167.5	156.5	151.0	146.2	143.3	142.2	140.2
62.5°	150.0	141.4	136.1	132.2	129.6	129.2	127.6
65°	126.1	119.5	114.8	113.0	110.2	109.5	109.5
67.5°	103.9	99.3	95.5	93.9	92.7	92.8	92.0
70°	90.1	86.2	83.8	82.0	81.1	81.3	80.6
72.5°	78.8	74.5	72.4	71.3	70.1	70.6	70.3
75°	59.7	57.5	56.4	55.3	54.6	54.2	53.8
77.5°	43.8	41.9	41.0	40.4	40.6	39.6	40.3
80°	33.8	32.2	31.7	30.7	30.6	30.6	30.4
82.5°	24.8	23.8	23.4	22.7	22.3	22.7	22.2
85°	12.8	12.1	11.9	11.9	11.6	11.2	12.1
87.5°	5.8	5.2	5.3	5.1	5.1	5.1	4.8
90°	5.3	5.6	6.2	6.2	6.2	6.4	6.4
92.5°	36.0	27.1	23.0	19.4	18.7	18.3	17.8
95°	158.8	124.3	100.8	80.9	72.5	70.3	65.8
97.5°	270.0	236.4	203.7	186.4	170.7	162.6	159.0
100°	330.7	301.8	272.7	253.3	233.2	222.8	218.4
102.5°	367.8	354.0	334.3	313.6	299.3	288.0	284.7
105°	388.9	401.2	398.2	389.1	379.9	374.3	371.0
107.5°	370.1	401.7	416.4	420.9	420.9	419.0	416.8
110°	348.9	388.3	412.1	424.7	430.0	432.0	432.0



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	327.8	367.7	395.8	414.2	423.3	428.2	430.2
115°	297.6	336.0	366.5	388.3	401.7	409.6	413.2
117.5°	276.7	309.7	337.8	359.6	373.5	381.3	383.5
120°	264.8	295.6	320.3	341.0	354.4	362.0	364.2
122.5°	256.4	283.8	306.8	325.3	337.6	345.2	347.2
125°	244.9	269.3	289.5	305.1	316.6	322.8	325.6
127.5°	234.1	256.8	275.7	289.9	300.1	305.9	307.1
130°	226.5	248.3	266.6	280.5	289.8	295.4	297.1
132.5°	219.4	239.2	256.7	270.7	279.9	285.0	286.9
135°	208.3	226.2	242.2	254.5	263.7	268.8	270.5
137.5°	198.4	213.3	226.9	237.9	246.3	251.0	252.8
140°	192.6	205.5	217.2	227.6	234.9	239.1	240.5
142.5°	187.7	198.8	209.0	217.8	223.9	227.9	229.1
145°	181.4	190.1	197.6	204.4	209.1	212.2	213.3
147.5°	176.2	182.9	188.6	193.9	197.7	199.5	200.0
150°	173.3	178.6	183.6	187.8	191.2	192.3	192.6
152.5°	170.4	175.2	179.2	182.7	185.4	186.5	186.8
155°	166.0	169.9	173.0	175.8	177.8	178.6	178.9
157.5°	161.8	164.9	167.3	169.5	171.1	171.9	171.8
160°	158.8	161.5	163.5	165.5	166.8	167.4	167.2
162.5°	156.1	158.4	160.2	161.7	162.8	163.0	162.9
165°	152.0	153.7	155.1	156.2	156.8	156.8	156.8
167.5°	148.1	149.4	150.4	151.0	151.5	151.2	151.1
170°	145.8	146.7	147.3	147.8	148.1	148.1	147.8
172.5°	143.9	144.5	144.8	144.9	145.4	145.0	144.7
175°	140.9	141.4	141.4	141.4	141.6	141.1	140.9
177.5°	139.5	139.5	139.5	139.3	139.5	138.9	138.9
180°	138.9	138.9	138.9	138.9	138.9	138.9	138.9

(END OF REPORT)