

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: P333490-830

Luminaire Tested: **S125RDIP-S375D365U830-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333490-830
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-7,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125RDIP-S375D365U830-4F0-1E-UDD-A
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 375 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 365 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2755.6 lumens
Efficiency: N/A
Efficacy: 135.7 lumens/watt
Spacing Criteria (0/90/45): 1.4 / 1.22 / 1.47
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')
CIE Type: General Diffuse

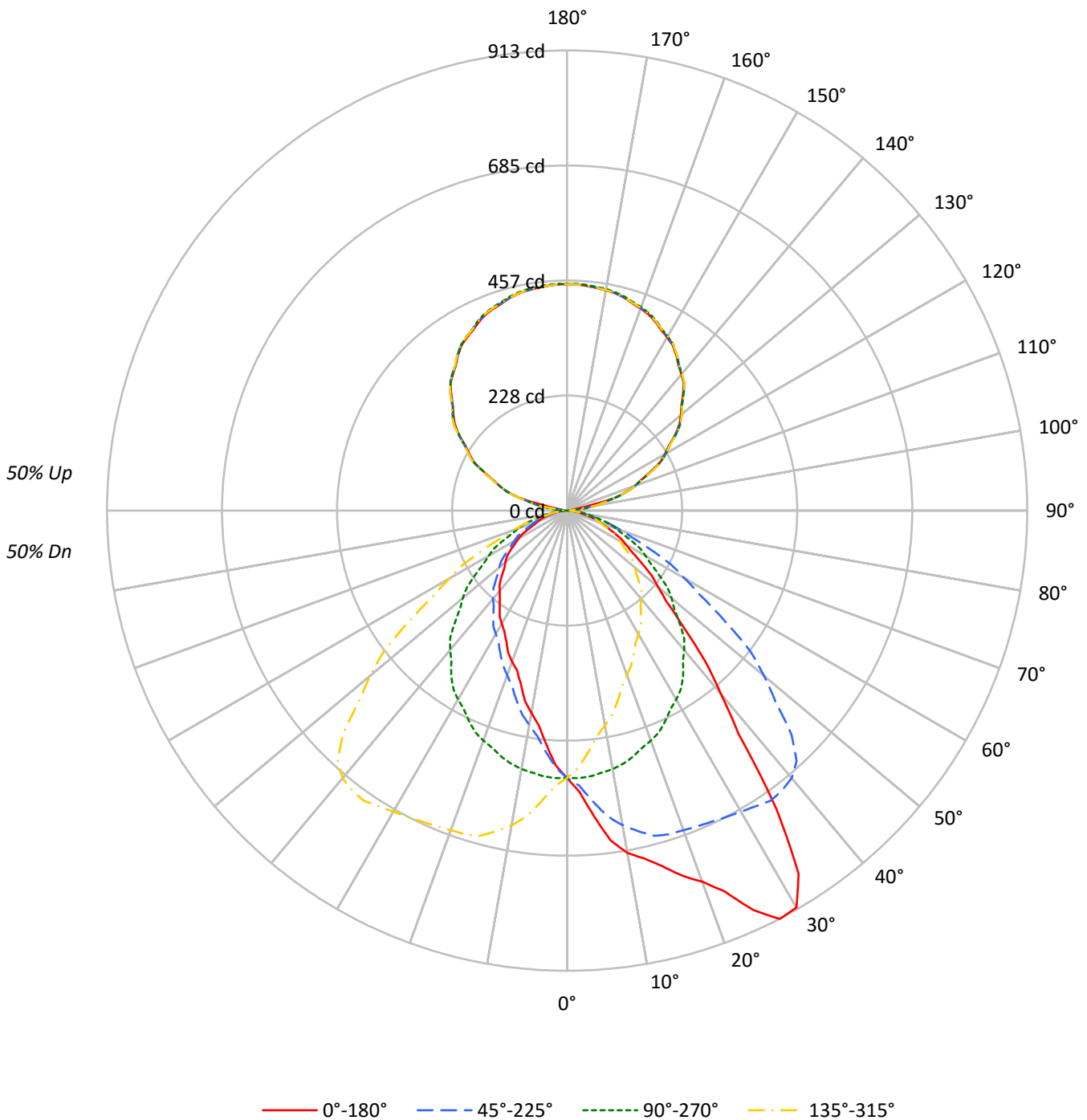
Input Watts (W): 20.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	98	94	90	87	90	87	84	81	74	71	69	61	60	58	50	49	48	43
2	90	83	77	72	83	76	71	67	65	61	58	54	52	49	45	43	41	37
3	82	73	66	60	76	68	61	56	58	53	49	48	45	42	40	37	35	31
4	75	65	57	51	69	60	53	48	51	46	42	43	40	36	36	33	31	27
5	69	58	50	44	64	54	47	41	46	41	37	39	35	32	32	29	27	24
6	64	52	44	38	59	48	41	36	42	36	32	35	31	28	29	26	24	21
7	59	47	39	34	54	44	37	32	38	32	28	32	28	25	27	24	21	19
8	55	43	35	30	50	40	33	28	34	29	25	29	25	22	25	22	19	17
9	51	39	32	27	47	36	30	25	32	26	23	27	23	20	23	20	17	15
10	48	36	29	24	44	33	27	23	29	24	20	25	21	18	21	18	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3427	3427	3427	3427
5°	3942	3431	3030	3431
10°	4522	3413	2674	3413
15°	4884	3379	2376	3379
20°	5386	3338	2194	3338
25°	6233	3284	2037	3284
30°	6783	3227	1933	3227
35°	5722	3162	1837	3162
40°	3995	3043	1755	3043
45°	2964	2883	1675	2883
50°	2364	2716	1607	2716
55°	2005	2509	1545	2509
60°	1732	2324	1447	2324
65°	1543	2123	1244	2123
70°	1358	1945	1135	1945
75°	1173	1684	1065	1684
80°	889	1417	889	1417
85°	741	1112	837	1112



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.9	1.8
10°-20°	149.1	5.4
20°-30°	236.4	8.6
30°-40°	285.1	10.3
40°-50°	254.6	9.2
50°-60°	195.2	7.1
60°-70°	126.9	4.6
70°-80°	61.7	2.2
80°-90°	15.7	0.6
90°-100°	16.3	0.6
100°-110°	100.7	3.7
110°-120°	182.6	6.6
120°-130°	234.3	8.5
130°-140°	252.0	9.1
140°-150°	236.5	8.6
150°-160°	191.3	6.9
160°-170°	123.8	4.5
170°-180°	42.7	1.5
0°-30°	436.4	15.8
0°-40°	721.4	26.2
0°-60°	1171.3	42.5
0°-90°	1375.5	49.9
90°-120°	299.6	10.9
90°-150°	1022.4	37.1
90°-180°	1380.0	50.1
0°-180°	2755.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	531	531	531	531	531	
5°	608	529	467	529	608	61
15°	730	505	355	505	730	209
25°	875	461	286	461	875	402
35°	726	401	233	401	726	438
45°	324	316	183	316	324	259
55°	178	223	137	223	178	162
65°	101	139	81	139	101	101
75°	47	68	43	68	47	50
85°	10	15	11	15	10	12
90°	8	0	8	0	8	4
95°	7	19	7	19	7	6
105°	99	98	99	98	99	89
115°	183	184	183	184	183	181
125°	262	262	262	262	262	233
135°	325	326	325	326	325	251
145°	377	378	377	378	377	236
155°	414	416	414	416	414	191
165°	437	439	437	439	437	123
175°	447	449	447	449	447	43
180°	449	449	449	449	449	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6
2.5°	558.1	557.7	558.5	556.5	556.7	553.7	553.7	551.5	548.5	546.2	545.2
5°	608.0	608.5	607.7	604.4	602.2	598.9	595.2	588.7	583.2	578.0	573.9
7.5°	659.6	659.9	657.0	656.0	650.4	646.5	638.3	629.3	621.5	611.4	603.8
10°	689.6	689.3	686.3	683.8	679.1	673.0	664.9	654.5	644.7	633.8	623.3
12.5°	706.9	706.3	705.4	702.5	698.0	692.7	685.8	675.5	663.5	651.6	639.3
15°	730.5	729.0	726.1	722.4	716.0	709.7	702.2	693.1	681.5	668.0	656.7
17.5°	759.6	759.6	755.3	750.1	741.5	730.4	718.6	703.9	688.2	673.4	661.3
20°	783.6	783.0	778.6	768.5	758.7	744.8	731.3	713.2	694.1	674.7	659.7
22.5°	818.1	816.4	811.9	798.7	783.5	765.5	744.9	722.8	699.6	677.7	657.9
25°	874.7	873.4	864.4	849.1	827.8	800.1	773.2	742.9	709.5	680.6	656.7
27.5°	913.3	911.9	905.2	892.6	872.9	843.8	807.3	766.8	725.2	685.3	650.8
30°	909.5	912.8	911.9	906.0	891.2	865.1	831.3	785.8	736.3	689.6	648.4
32.5°	854.8	857.7	865.3	876.9	877.8	867.3	842.1	800.0	748.9	695.6	646.4
35°	725.7	729.6	744.4	767.7	798.2	823.7	828.9	806.3	760.3	703.0	643.6
37.5°	557.9	579.3	591.8	616.3	662.4	709.3	754.3	770.9	751.4	699.9	638.9
40°	473.9	479.1	501.3	529.0	567.8	616.5	680.8	727.2	728.7	693.1	631.6
42.5°	405.6	412.3	427.4	449.6	482.8	531.5	597.9	659.1	687.4	673.8	622.0
45°	324.5	329.5	340.6	357.6	383.0	423.4	480.4	551.2	607.4	629.4	596.3
47.5°	266.6	269.3	278.9	291.9	310.8	340.1	384.3	445.7	513.1	560.3	555.7
50°	235.3	238.3	245.6	255.4	271.4	296.1	331.5	382.7	452.1	509.8	521.4
52.5°	210.8	213.4	218.0	227.2	240.3	259.4	287.9	334.2	396.7	458.1	484.8
55°	178.1	179.9	183.6	188.8	199.3	213.0	237.6	269.7	320.2	382.0	421.2
57.5°	151.3	152.1	154.5	159.3	166.5	176.5	194.4	221.4	257.7	313.4	356.7
60°	134.1	135.1	138.1	141.4	147.0	156.2	170.1	189.1	223.9	269.8	313.6
62.5°	120.6	121.1	122.4	125.6	130.6	137.7	148.6	164.1	191.8	232.2	273.5
65°	101.0	101.2	101.7	104.3	107.4	112.6	119.8	130.6	151.6	182.1	218.7
67.5°	82.3	82.7	84.2	85.1	88.2	91.0	95.2	103.5	118.3	138.8	167.3
70°	71.9	71.6	73.1	74.3	75.3	78.6	81.4	88.2	97.4	113.0	136.8
72.5°	62.1	61.5	62.2	62.6	64.0	66.3	69.1	73.2	80.3	91.0	109.2
75°	47.0	47.2	47.2	47.7	48.8	49.7	50.5	52.7	56.6	63.8	73.6
77.5°	33.0	32.7	33.6	33.7	34.4	35.3	36.1	36.9	38.5	41.5	46.6
80°	23.9	23.9	24.1	24.8	24.6	25.1	26.1	27.1	28.9	30.7	32.4
82.5°	18.4	18.2	18.4	18.6	18.5	18.9	19.3	19.5	20.3	21.1	22.3
85°	10.0	10.0	10.3	10.3	10.5	10.5	10.7	10.7	10.7	10.9	11.1
87.5°	5.5	5.2	5.0	5.0	5.1	5.4	5.1	4.9	4.8	4.7	4.8
90°	8.0	7.7	7.5	7.4	7.1	6.8	6.4	6.0	5.7	5.4	4.8
92.5°	7.4	7.4	7.3	7.2	7.1	6.8	6.4	6.0	5.7	5.4	4.9
95°	7.0	7.0	7.0	7.0	7.0	6.8	6.4	6.0	5.7	5.4	8.1
97.5°	7.0	7.0	7.0	7.0	7.0	8.0	10.1	12.3	14.3	16.4	22.0
100°	7.0	7.3	7.6	7.9	8.2	13.9	24.9	35.9	46.9	58.0	57.7
102.5°	41.9	46.9	52.0	57.0	62.0	65.6	67.7	69.7	71.9	74.0	73.8
105°	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
107.5°	124.7	125.0	125.2	125.5	125.6	125.7	125.7	125.7	125.6	125.6	125.5
110°	142.6	142.5	142.4	142.4	142.3	142.4	142.6	142.8	143.1	143.3	143.1



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	158.6	158.7	158.8	158.9	159.0	159.2	159.5	159.8	160.0	160.3	160.2
115°	182.6	183.0	183.5	183.9	184.4	184.7	185.0	185.3	185.6	185.9	185.9
117.5°	208.2	208.4	208.6	208.8	209.0	209.2	209.6	210.0	210.4	210.8	210.5
120°	223.9	224.2	224.6	225.0	225.4	225.6	225.7	225.9	226.1	226.2	226.0
122.5°	238.8	239.2	239.7	240.1	240.5	240.8	241.0	241.1	241.3	241.4	241.3
125°	261.6	261.7	262.0	262.2	262.4	262.7	263.0	263.3	263.5	263.9	263.9
127.5°	280.7	281.3	281.7	282.3	282.9	283.2	283.3	283.5	283.7	283.9	283.9
130°	294.5	294.9	295.3	295.7	296.0	296.3	296.5	296.7	297.0	297.2	297.1
132.5°	307.4	307.6	308.0	308.4	308.8	309.0	309.1	309.1	309.2	309.2	309.3
135°	324.8	325.3	325.7	326.2	326.6	326.9	327.1	327.3	327.3	327.5	327.6
137.5°	342.4	342.8	343.2	343.6	343.9	344.1	344.1	344.1	344.0	344.0	344.1
140°	352.8	353.3	353.7	354.2	354.6	354.8	354.6	354.5	354.3	354.2	354.2
142.5°	362.7	363.2	363.5	364.0	364.5	364.7	364.7	364.6	364.6	364.6	364.5
145°	377.1	377.6	378.1	378.5	378.9	379.1	379.0	379.0	378.9	378.8	378.8
147.5°	389.1	389.6	390.1	390.7	391.2	391.4	391.3	391.2	391.2	391.1	391.0
150°	396.8	397.4	398.0	398.6	399.2	399.4	399.3	399.1	399.0	398.8	398.7
152.5°	404.0	404.5	405.1	405.6	406.1	406.3	406.1	406.0	405.9	405.8	405.6
155°	413.5	414.1	414.6	415.3	415.8	416.0	415.8	415.6	415.4	415.1	415.0
157.5°	421.4	422.0	422.5	423.2	423.8	424.0	423.7	423.5	423.2	423.0	423.0
160°	426.5	427.1	427.6	428.2	428.9	429.0	428.7	428.4	428.1	427.8	427.7
162.5°	431.0	431.7	432.3	432.9	433.6	433.8	433.3	432.9	432.4	432.1	432.0
165°	437.2	437.7	438.3	438.9	439.5	439.6	439.1	438.7	438.2	437.8	437.7
167.5°	441.4	442.1	442.7	443.4	444.0	444.1	443.6	443.1	442.5	442.0	442.0
170°	443.7	444.4	445.2	445.8	446.5	446.5	445.9	445.3	444.7	444.1	444.0
172.5°	445.4	446.0	446.7	447.4	448.1	448.1	447.6	447.0	446.5	446.0	445.8
175°	447.4	448.1	448.7	449.4	450.2	450.2	449.6	448.9	448.4	447.8	447.7
177.5°	448.7	449.1	449.6	450.1	450.5	450.5	450.2	449.8	449.3	448.9	448.8
180°	449.4	449.4	449.4	449.4	449.4	449.4	449.4	449.4	449.4	449.4	449.4



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6
2.5°	545.2	543.9	541.7	539.6	537.0	534.7	533.1	531.2	528.8	525.8	523.4
5°	569.3	564.5	558.2	552.7	545.7	540.4	534.7	529.2	523.8	516.8	510.7
7.5°	596.1	586.2	576.6	564.4	553.5	543.7	534.2	524.7	515.4	505.5	496.0
10°	612.5	600.4	587.2	571.9	558.0	544.7	532.5	520.5	507.8	496.8	484.8
12.5°	627.7	612.3	597.1	577.9	561.1	544.9	529.3	514.4	501.0	486.5	473.6
15°	641.6	626.3	609.4	585.9	562.5	542.9	524.6	505.3	488.5	472.4	458.0
17.5°	647.0	630.9	611.2	588.6	563.2	538.5	514.9	493.7	473.9	455.2	439.0
20°	644.9	629.4	609.2	587.6	560.3	534.7	509.2	485.7	463.6	443.8	426.7
22.5°	639.8	623.9	604.3	581.5	555.6	528.4	501.1	476.1	453.1	432.5	413.8
25°	632.3	610.5	590.4	568.2	543.6	516.6	488.5	460.8	436.2	415.3	394.8
27.5°	624.3	597.2	571.7	549.6	523.6	499.5	472.4	444.0	418.2	396.9	375.9
30°	617.2	586.7	558.6	533.6	509.0	486.1	460.4	432.7	406.1	384.2	362.9
32.5°	608.3	575.9	545.1	516.1	492.4	469.8	446.5	420.0	394.2	371.5	349.8
35°	597.2	555.8	522.3	491.5	465.2	443.2	422.3	401.0	375.0	351.5	330.4
37.5°	582.6	535.6	496.8	463.4	435.5	413.5	396.9	377.4	353.7	331.3	311.7
40°	573.6	520.9	478.5	445.4	416.2	392.9	377.4	360.9	339.3	318.2	298.6
42.5°	561.8	507.6	460.1	425.6	396.2	373.7	358.1	343.7	325.6	305.7	284.6
45°	538.6	481.5	431.7	394.6	365.0	343.0	328.4	315.6	301.9	283.5	265.2
47.5°	508.4	454.4	402.2	361.7	332.8	312.4	298.2	288.0	278.2	262.7	245.0
50°	484.2	432.1	381.2	342.0	311.0	291.6	278.3	270.3	261.4	247.2	232.3
52.5°	455.5	409.1	359.2	319.1	289.9	271.7	259.0	250.9	243.6	232.1	217.9
55°	410.6	369.8	324.0	287.7	260.9	242.6	230.5	222.8	218.5	208.7	197.6
57.5°	358.5	329.4	289.1	254.0	230.3	212.3	203.3	196.8	191.9	184.9	177.1
60°	322.3	301.9	265.7	232.3	210.6	193.4	185.3	179.9	175.3	169.5	163.3
62.5°	285.6	270.7	239.2	210.6	190.6	176.2	168.6	163.7	158.4	154.5	148.5
65°	236.3	223.0	201.2	178.8	160.3	148.7	143.3	138.9	135.7	131.3	127.1
67.5°	183.8	178.4	163.3	147.9	134.6	124.3	119.6	116.6	112.7	110.1	107.3
70°	151.6	148.9	138.3	128.1	115.6	108.7	104.3	103.0	98.2	95.6	93.7
72.5°	123.0	121.8	115.6	108.6	99.8	93.7	89.7	88.2	85.1	83.0	81.8
75°	84.3	84.7	83.6	79.1	75.8	71.9	68.4	67.5	65.3	63.6	62.5
77.5°	53.3	55.5	55.6	55.4	54.1	51.7	50.2	49.6	47.5	46.8	46.6
80°	36.6	39.0	41.2	40.9	40.5	39.9	38.7	38.1	37.0	36.4	35.9
82.5°	24.4	26.6	28.5	29.6	29.5	28.8	28.2	27.8	27.6	27.1	27.1
85°	11.5	12.0	12.6	14.1	15.3	15.5	15.3	15.0	14.4	14.6	14.8
87.5°	4.9	4.8	4.8	4.7	4.4	5.2	5.6	5.7	5.4	5.2	5.0
90°	4.3	3.8	3.3	2.7	2.1	1.5	0.9	0.4	0.9	1.5	2.1
92.5°	4.4	4.0	3.5	3.5	3.9	4.3	4.7	5.1	4.7	4.3	3.9
95°	10.9	13.8	16.6	18.1	18.3	18.6	18.8	18.9	18.8	18.6	18.3
97.5°	27.5	33.1	38.6	41.3	40.8	40.4	40.1	39.7	40.1	40.4	40.8
100°	57.4	57.1	56.7	56.6	56.3	56.1	55.9	55.6	55.9	56.1	56.3
102.5°	73.6	73.4	73.2	73.0	72.8	72.5	72.2	71.9	72.2	72.5	72.8
105°	99.2	99.2	99.2	99.2	98.9	98.6	98.2	97.9	98.2	98.6	98.9
107.5°	125.4	125.3	125.1	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0
110°	143.0	142.8	142.7	142.6	142.6	142.6	142.6	142.6	142.6	142.6	142.6



TEST NUMBER: P333490-830

CATALOG NUMBER: S125RDIP-S375D365U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	160.1	160.0	159.9	159.9	159.7	159.5	159.3	159.1	159.3	159.5	159.7
115°	185.8	185.7	185.6	185.4	185.0	184.6	184.3	183.9	184.3	184.6	185.0
117.5°	210.2	209.9	209.6	209.5	209.5	209.5	209.5	209.5	209.5	209.5	209.5
120°	225.7	225.6	225.4	225.3	225.4	225.5	225.5	225.6	225.5	225.5	225.4
122.5°	241.2	241.1	241.0	240.8	240.5	240.3	240.0	239.7	240.0	240.3	240.5
125°	263.9	263.9	263.9	263.6	263.1	262.6	262.0	261.6	262.0	262.6	263.1
127.5°	284.0	284.0	284.1	283.9	283.5	283.1	282.8	282.4	282.8	283.1	283.5
130°	297.0	297.0	296.9	296.7	296.3	296.0	295.6	295.2	295.6	296.0	296.3
132.5°	309.5	309.7	309.8	309.7	309.2	308.9	308.4	308.0	308.4	308.9	309.2
135°	327.8	327.9	328.1	327.9	327.5	327.1	326.6	326.2	326.6	327.1	327.5
137.5°	344.3	344.4	344.6	344.4	344.0	343.7	343.3	342.9	343.3	343.7	344.0
140°	354.3	354.4	354.5	354.4	354.3	354.1	354.0	353.8	354.0	354.1	354.3
142.5°	364.4	364.3	364.1	364.0	363.9	363.9	363.8	363.7	363.8	363.9	363.9
145°	378.8	378.8	378.8	378.7	378.6	378.4	378.3	378.1	378.3	378.4	378.6
147.5°	390.9	390.8	390.7	390.7	390.7	390.8	390.8	390.8	390.8	390.8	390.7
150°	398.5	398.3	398.2	398.2	398.3	398.5	398.7	398.8	398.7	398.5	398.3
152.5°	405.5	405.3	405.1	405.2	405.6	405.9	406.2	406.5	406.2	405.9	405.6
155°	414.8	414.7	414.5	414.7	415.1	415.6	416.0	416.5	416.0	415.6	415.1
157.5°	423.0	422.9	422.9	423.1	423.3	423.6	423.9	424.1	423.9	423.6	423.3
160°	427.6	427.5	427.5	427.7	428.1	428.6	429.0	429.4	429.0	428.6	428.1
162.5°	431.9	431.9	431.8	432.0	432.3	432.8	433.3	433.8	433.3	432.8	432.3
165°	437.6	437.5	437.5	437.7	438.1	438.6	439.0	439.4	439.0	438.6	438.1
167.5°	441.9	441.8	441.7	441.9	442.3	442.8	443.3	443.7	443.3	442.8	442.3
170°	443.9	443.9	443.8	444.0	444.6	445.1	445.6	446.1	445.6	445.1	444.6
172.5°	445.7	445.5	445.4	445.6	446.2	446.7	447.2	447.7	447.2	446.7	446.2
175°	447.6	447.5	447.5	447.7	448.1	448.6	449.0	449.4	449.0	448.6	448.1
177.5°	448.8	448.7	448.7	448.8	449.2	449.5	449.9	450.3	449.9	449.5	449.2
180°	449.4	449.4	449.4	449.4	449.4	449.4	449.4	449.4	449.4	449.4	449.4



TEST NUMBER: P333490-830

CATALOG NUMBER: S125RDIP-S375D365U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6
2.5°	521.6	519.2	517.5	514.0	511.5	510.5	508.6	508.0	510.0	508.6	508.4
5°	506.1	499.8	494.8	489.8	484.4	480.9	475.6	474.8	473.4	471.6	471.1
7.5°	487.6	479.3	472.9	464.6	457.4	451.6	445.1	442.0	440.3	437.7	434.3
10°	475.0	465.2	456.5	448.2	439.3	432.1	425.6	420.6	417.3	414.2	412.9
12.5°	462.6	452.6	441.5	431.5	421.5	413.5	406.2	402.9	399.4	395.8	392.8
15°	443.4	430.2	417.9	406.4	397.9	389.2	382.2	377.4	372.0	370.4	364.6
17.5°	423.0	410.0	395.7	383.6	373.7	364.1	356.5	351.0	346.9	341.3	338.7
20°	410.3	394.8	380.9	369.8	358.9	347.6	339.8	335.2	331.3	326.7	324.5
22.5°	396.7	381.6	367.3	354.3	343.3	332.1	326.5	321.8	317.4	313.1	310.2
25°	376.7	361.6	346.5	333.0	321.5	313.4	306.9	301.4	299.1	294.9	291.8
27.5°	357.0	340.8	325.3	311.8	302.7	294.7	289.4	285.1	280.8	277.2	274.5
30°	344.3	327.8	310.8	300.1	290.5	283.0	277.0	272.9	269.7	266.4	264.4
32.5°	331.6	314.5	299.4	287.9	278.9	272.3	266.3	262.2	258.8	255.2	252.9
35°	311.2	293.8	281.6	270.3	261.4	255.2	251.1	245.4	242.6	240.0	237.6
37.5°	292.3	276.1	262.9	253.0	245.2	239.1	233.8	230.7	227.2	224.9	222.9
40°	278.3	263.5	251.6	241.1	235.4	228.7	223.7	219.7	217.2	214.1	211.9
42.5°	265.8	252.0	240.3	231.0	223.9	218.2	213.4	209.4	206.1	204.0	202.2
45°	248.1	234.3	223.0	214.3	207.7	202.4	197.3	195.4	191.0	188.4	187.5
47.5°	229.7	217.4	206.5	198.5	191.8	186.6	181.9	178.0	175.5	173.0	171.5
50°	217.4	205.6	195.4	187.5	181.0	175.3	171.0	168.3	165.0	162.7	161.0
52.5°	205.0	194.1	183.9	176.3	170.7	165.0	160.1	157.6	154.5	153.0	151.7
55°	187.3	175.8	167.0	159.7	153.7	148.5	143.9	141.4	139.4	137.9	137.4
57.5°	167.3	158.2	150.1	143.4	137.2	132.3	128.3	125.8	124.1	123.9	122.5
60°	154.2	145.9	138.6	131.3	126.1	121.5	118.0	115.2	113.5	113.3	112.8
62.5°	141.1	133.2	126.3	120.0	115.3	110.9	107.5	104.4	103.4	102.3	101.3
65°	121.8	114.5	108.9	103.9	98.9	95.2	91.9	89.9	87.6	86.2	83.9
67.5°	102.7	97.2	91.7	87.5	83.5	80.0	77.3	74.4	72.8	71.7	70.0
70°	90.2	85.8	80.4	75.8	72.8	69.9	67.8	64.5	63.3	62.5	61.6
72.5°	78.3	74.5	69.9	66.2	63.2	60.5	58.0	56.5	55.3	54.5	54.0
75°	61.6	58.0	54.0	51.4	49.2	47.0	45.7	44.7	44.2	44.0	43.2
77.5°	45.2	43.3	40.2	38.1	36.7	35.7	34.6	34.0	33.9	33.0	32.7
80°	34.6	33.6	30.9	30.1	28.9	28.1	27.4	26.4	25.3	24.8	24.1
82.5°	25.7	24.7	23.6	22.2	21.3	20.7	20.2	19.7	19.9	19.2	18.9
85°	13.8	12.6	12.2	12.0	11.5	12.0	11.8	11.5	11.3	11.1	11.3
87.5°	4.9	5.0	4.9	5.4	5.0	5.3	5.3	5.2	5.3	5.4	5.3
90°	2.7	3.3	3.8	4.3	4.8	5.4	5.7	6.0	6.4	6.8	7.1
92.5°	3.5	3.5	4.0	4.4	4.9	5.4	5.7	6.0	6.4	6.8	7.1
95°	18.1	16.6	13.8	10.9	8.1	5.4	5.7	6.0	6.4	6.8	7.0
97.5°	41.3	38.6	33.1	27.5	22.0	16.4	14.3	12.3	10.1	8.0	7.0
100°	56.6	56.7	57.1	57.4	57.7	58.0	46.9	35.9	24.9	13.9	8.2
102.5°	73.0	73.2	73.4	73.6	73.8	74.0	71.9	69.7	67.7	65.6	62.0
105°	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
107.5°	125.0	125.1	125.3	125.4	125.5	125.6	125.6	125.7	125.7	125.7	125.6
110°	142.6	142.7	142.8	143.0	143.1	143.3	143.1	142.8	142.6	142.4	142.3



TEST NUMBER: P333490-830

CATALOG NUMBER: S125RDIP-S375D365U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	159.9	159.9	160.0	160.1	160.2	160.3	160.0	159.8	159.5	159.2	159.0
115°	185.4	185.6	185.7	185.8	185.9	185.9	185.6	185.3	185.0	184.7	184.4
117.5°	209.5	209.6	209.9	210.2	210.5	210.8	210.4	210.0	209.6	209.2	209.0
120°	225.3	225.4	225.6	225.7	226.0	226.2	226.1	225.9	225.7	225.6	225.4
122.5°	240.8	241.0	241.1	241.2	241.3	241.4	241.3	241.1	241.0	240.8	240.5
125°	263.6	263.9	263.9	263.9	263.9	263.9	263.5	263.3	263.0	262.7	262.4
127.5°	283.9	284.1	284.0	284.0	283.9	283.9	283.7	283.5	283.3	283.2	282.9
130°	296.7	296.9	297.0	297.0	297.1	297.2	297.0	296.7	296.5	296.3	296.0
132.5°	309.7	309.8	309.7	309.5	309.3	309.2	309.2	309.1	309.1	309.0	308.8
135°	327.9	328.1	327.9	327.8	327.6	327.5	327.3	327.3	327.1	326.9	326.6
137.5°	344.4	344.6	344.4	344.3	344.1	344.0	344.0	344.1	344.1	344.1	343.9
140°	354.4	354.5	354.4	354.3	354.2	354.2	354.3	354.5	354.6	354.8	354.6
142.5°	364.0	364.1	364.3	364.4	364.5	364.6	364.6	364.6	364.7	364.7	364.5
145°	378.7	378.8	378.8	378.8	378.8	378.8	378.9	379.0	379.0	379.1	378.9
147.5°	390.7	390.7	390.8	390.9	391.0	391.1	391.2	391.2	391.3	391.4	391.2
150°	398.2	398.2	398.3	398.5	398.7	398.8	399.0	399.1	399.3	399.4	399.2
152.5°	405.2	405.1	405.3	405.5	405.6	405.8	405.9	406.0	406.1	406.3	406.1
155°	414.7	414.5	414.7	414.8	415.0	415.1	415.4	415.6	415.8	416.0	415.8
157.5°	423.1	422.9	422.9	423.0	423.0	423.0	423.2	423.5	423.7	424.0	423.8
160°	427.7	427.5	427.5	427.6	427.7	427.8	428.1	428.4	428.7	429.0	428.9
162.5°	432.0	431.8	431.9	431.9	432.0	432.1	432.4	432.9	433.3	433.8	433.6
165°	437.7	437.5	437.5	437.6	437.7	437.8	438.2	438.7	439.1	439.6	439.5
167.5°	441.9	441.7	441.8	441.9	442.0	442.0	442.5	443.1	443.6	444.1	444.0
170°	444.0	443.8	443.9	443.9	444.0	444.1	444.7	445.3	445.9	446.5	446.5
172.5°	445.6	445.4	445.5	445.7	445.8	446.0	446.5	447.0	447.6	448.1	448.1
175°	447.7	447.5	447.5	447.6	447.7	447.8	448.4	448.9	449.6	450.2	450.2
177.5°	448.8	448.7	448.7	448.8	448.8	448.9	449.3	449.8	450.2	450.5	450.5
180°	449.4	449.4	449.4	449.4	449.4	449.4	449.4	449.4	449.4	449.4	449.4



TEST NUMBER: P333490-830

CATALOG NUMBER: S125RDIP-S375D365U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6
2.5°	508.2	506.3	505.8	506.5	505.8	506.3	508.2	508.4	508.6	510.0	508.0
5°	468.9	466.7	467.8	467.4	467.8	466.7	468.9	471.1	471.6	473.4	474.8
7.5°	434.3	431.6	428.8	429.6	428.8	431.6	434.3	434.3	437.7	440.3	442.0
10°	410.1	407.9	406.6	407.7	406.6	407.9	410.1	412.9	414.2	417.3	420.6
12.5°	389.7	388.4	387.3	386.8	387.3	388.4	389.7	392.8	395.8	399.4	402.9
15°	361.9	359.4	358.3	355.4	358.3	359.4	361.9	364.6	370.4	372.0	377.4
17.5°	336.4	335.5	332.7	331.5	332.7	335.5	336.4	338.7	341.3	346.9	351.0
20°	321.2	320.4	317.5	319.2	317.5	320.4	321.2	324.5	326.7	331.3	335.2
22.5°	308.7	306.8	305.9	305.4	305.9	306.8	308.7	310.2	313.1	317.4	321.8
25°	291.0	288.1	287.0	285.8	287.0	288.1	291.0	291.8	294.9	299.1	301.4
27.5°	273.2	271.7	270.3	269.9	270.3	271.7	273.2	274.5	277.2	280.8	285.1
30°	261.7	260.2	259.2	259.2	259.2	260.2	261.7	264.4	266.4	269.7	272.9
32.5°	251.5	250.3	249.2	249.0	249.2	250.3	251.5	252.9	255.2	258.8	262.2
35°	236.5	234.8	234.3	233.0	234.3	234.8	236.5	237.6	240.0	242.6	245.4
37.5°	220.9	219.5	219.5	219.3	219.5	219.5	220.9	222.9	224.9	227.2	230.7
40°	211.0	209.9	209.7	208.2	209.7	209.9	211.0	211.9	214.1	217.2	219.7
42.5°	200.4	199.8	199.1	198.4	199.1	199.8	200.4	202.2	204.0	206.1	209.4
45°	186.0	184.5	184.5	183.4	184.5	184.5	186.0	187.5	188.4	191.0	195.4
47.5°	171.1	169.9	170.0	168.9	170.0	169.9	171.1	171.5	173.0	175.5	178.0
50°	161.2	160.5	160.3	159.9	160.3	160.5	161.2	161.0	162.7	165.0	168.3
52.5°	151.3	150.9	151.7	150.8	151.7	150.9	151.3	151.7	153.0	154.5	157.6
55°	137.9	137.2	138.6	137.2	138.6	137.2	137.9	137.4	137.9	139.4	141.4
57.5°	122.5	121.9	123.1	122.4	123.1	121.9	122.5	122.5	123.9	124.1	125.8
60°	112.4	111.0	111.7	112.0	111.7	111.0	112.4	112.8	113.3	113.5	115.2
62.5°	100.4	99.5	100.1	99.1	100.1	99.5	100.4	101.3	102.3	103.4	104.4
65°	83.4	82.8	81.9	81.4	81.9	82.8	83.4	83.9	86.2	87.6	89.9
67.5°	70.1	68.5	68.4	68.8	68.4	68.5	70.1	70.0	71.7	72.8	74.4
70°	60.3	60.3	60.1	60.1	60.1	60.3	60.3	61.6	62.5	63.3	64.5
72.5°	53.5	53.3	53.0	52.8	53.0	53.3	53.5	54.0	54.5	55.3	56.5
75°	43.2	43.4	42.9	42.7	42.9	43.4	43.2	43.2	44.0	44.2	44.7
77.5°	31.9	30.9	31.4	30.9	31.4	30.9	31.9	32.7	33.0	33.9	34.0
80°	24.1	23.9	24.6	23.9	24.6	23.9	24.1	24.1	24.8	25.3	26.4
82.5°	19.1	18.9	19.2	18.8	19.2	18.9	19.1	18.9	19.2	19.9	19.7
85°	11.5	11.3	11.1	11.3	11.1	11.3	11.5	11.3	11.1	11.3	11.5
87.5°	5.5	5.4	5.4	5.5	5.4	5.4	5.5	5.3	5.4	5.3	5.2
90°	7.4	7.5	7.7	8.0	7.7	7.5	7.4	7.1	6.8	6.4	6.0
92.5°	7.2	7.3	7.4	7.4	7.4	7.3	7.2	7.1	6.8	6.4	6.0
95°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.8	6.4	6.0
97.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	8.0	10.1	12.3
100°	7.9	7.6	7.3	7.0	7.3	7.6	7.9	8.2	13.9	24.9	35.9
102.5°	57.0	52.0	46.9	41.9	46.9	52.0	57.0	62.0	65.6	67.7	69.7
105°	99.2	99.1	99.1	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2
107.5°	125.5	125.2	125.0	124.7	125.0	125.2	125.5	125.6	125.7	125.7	125.7
110°	142.4	142.4	142.5	142.6	142.5	142.4	142.4	142.3	142.4	142.6	142.8



TEST NUMBER: P333490-830

CATALOG NUMBER: S125RDIP-S375D365U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	158.9	158.8	158.7	158.6	158.7	158.8	158.9	159.0	159.2	159.5	159.8
115°	183.9	183.5	183.0	182.6	183.0	183.5	183.9	184.4	184.7	185.0	185.3
117.5°	208.8	208.6	208.4	208.2	208.4	208.6	208.8	209.0	209.2	209.6	210.0
120°	225.0	224.6	224.2	223.9	224.2	224.6	225.0	225.4	225.6	225.7	225.9
122.5°	240.1	239.7	239.2	238.8	239.2	239.7	240.1	240.5	240.8	241.0	241.1
125°	262.2	262.0	261.7	261.6	261.7	262.0	262.2	262.4	262.7	263.0	263.3
127.5°	282.3	281.7	281.3	280.7	281.3	281.7	282.3	282.9	283.2	283.3	283.5
130°	295.7	295.3	294.9	294.5	294.9	295.3	295.7	296.0	296.3	296.5	296.7
132.5°	308.4	308.0	307.6	307.4	307.6	308.0	308.4	308.8	309.0	309.1	309.1
135°	326.2	325.7	325.3	324.8	325.3	325.7	326.2	326.6	326.9	327.1	327.3
137.5°	343.6	343.2	342.8	342.4	342.8	343.2	343.6	343.9	344.1	344.1	344.1
140°	354.2	353.7	353.3	352.8	353.3	353.7	354.2	354.6	354.8	354.6	354.5
142.5°	364.0	363.5	363.2	362.7	363.2	363.5	364.0	364.5	364.7	364.7	364.6
145°	378.5	378.1	377.6	377.1	377.6	378.1	378.5	378.9	379.1	379.0	379.0
147.5°	390.7	390.1	389.6	389.1	389.6	390.1	390.7	391.2	391.4	391.3	391.2
150°	398.6	398.0	397.4	396.8	397.4	398.0	398.6	399.2	399.4	399.3	399.1
152.5°	405.6	405.1	404.5	404.0	404.5	405.1	405.6	406.1	406.3	406.1	406.0
155°	415.3	414.6	414.1	413.5	414.1	414.6	415.3	415.8	416.0	415.8	415.6
157.5°	423.2	422.5	422.0	421.4	422.0	422.5	423.2	423.8	424.0	423.7	423.5
160°	428.2	427.6	427.1	426.5	427.1	427.6	428.2	428.9	429.0	428.7	428.4
162.5°	432.9	432.3	431.7	431.0	431.7	432.3	432.9	433.6	433.8	433.3	432.9
165°	438.9	438.3	437.7	437.2	437.7	438.3	438.9	439.5	439.6	439.1	438.7
167.5°	443.4	442.7	442.1	441.4	442.1	442.7	443.4	444.0	444.1	443.6	443.1
170°	445.8	445.2	444.4	443.7	444.4	445.2	445.8	446.5	446.5	445.9	445.3
172.5°	447.4	446.7	446.0	445.4	446.0	446.7	447.4	448.1	448.1	447.6	447.0
175°	449.4	448.7	448.1	447.4	448.1	448.7	449.4	450.2	450.2	449.6	448.9
177.5°	450.1	449.6	449.1	448.7	449.1	449.6	450.1	450.5	450.5	450.2	449.8
180°	449.4	449.4	449.4	449.4	449.4	449.4	449.4	449.4	449.4	449.4	449.4



TEST NUMBER: P333490-830

CATALOG NUMBER: S125RDIP-S375D365U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6
2.5°	508.6	510.5	511.5	514.0	517.5	519.2	521.6	523.4	525.8	528.8	531.2
5°	475.6	480.9	484.4	489.8	494.8	499.8	506.1	510.7	516.8	523.8	529.2
7.5°	445.1	451.6	457.4	464.6	472.9	479.3	487.6	496.0	505.5	515.4	524.7
10°	425.6	432.1	439.3	448.2	456.5	465.2	475.0	484.8	496.8	507.8	520.5
12.5°	406.2	413.5	421.5	431.5	441.5	452.6	462.6	473.6	486.5	501.0	514.4
15°	382.2	389.2	397.9	406.4	417.9	430.2	443.4	458.0	472.4	488.5	505.3
17.5°	356.5	364.1	373.7	383.6	395.7	410.0	423.0	439.0	455.2	473.9	493.7
20°	339.8	347.6	358.9	369.8	380.9	394.8	410.3	426.7	443.8	463.6	485.7
22.5°	326.5	332.1	343.3	354.3	367.3	381.6	396.7	413.8	432.5	453.1	476.1
25°	306.9	313.4	321.5	333.0	346.5	361.6	376.7	394.8	415.3	436.2	460.8
27.5°	289.4	294.7	302.7	311.8	325.3	340.8	357.0	375.9	396.9	418.2	444.0
30°	277.0	283.0	290.5	300.1	310.8	327.8	344.3	362.9	384.2	406.1	432.7
32.5°	266.3	272.3	278.9	287.9	299.4	314.5	331.6	349.8	371.5	394.2	420.0
35°	251.1	255.2	261.4	270.3	281.6	293.8	311.2	330.4	351.5	375.0	401.0
37.5°	233.8	239.1	245.2	253.0	262.9	276.1	292.3	311.7	331.3	353.7	377.4
40°	223.7	228.7	235.4	241.1	251.6	263.5	278.3	298.6	318.2	339.3	360.9
42.5°	213.4	218.2	223.9	231.0	240.3	252.0	265.8	284.6	305.7	325.6	343.7
45°	197.3	202.4	207.7	214.3	223.0	234.3	248.1	265.2	283.5	301.9	315.6
47.5°	181.9	186.6	191.8	198.5	206.5	217.4	229.7	245.0	262.7	278.2	288.0
50°	171.0	175.3	181.0	187.5	195.4	205.6	217.4	232.3	247.2	261.4	270.3
52.5°	160.1	165.0	170.7	176.3	183.9	194.1	205.0	217.9	232.1	243.6	250.9
55°	143.9	148.5	153.7	159.7	167.0	175.8	187.3	197.6	208.7	218.5	222.8
57.5°	128.3	132.3	137.2	143.4	150.1	158.2	167.3	177.1	184.9	191.9	196.8
60°	118.0	121.5	126.1	131.3	138.6	145.9	154.2	163.3	169.5	175.3	179.9
62.5°	107.5	110.9	115.3	120.0	126.3	133.2	141.1	148.5	154.5	158.4	163.7
65°	91.9	95.2	98.9	103.9	108.9	114.5	121.8	127.1	131.3	135.7	138.9
67.5°	77.3	80.0	83.5	87.5	91.7	97.2	102.7	107.3	110.1	112.7	116.6
70°	67.8	69.9	72.8	75.8	80.4	85.8	90.2	93.7	95.6	98.2	103.0
72.5°	58.0	60.5	63.2	66.2	69.9	74.5	78.3	81.8	83.0	85.1	88.2
75°	45.7	47.0	49.2	51.4	54.0	58.0	61.6	62.5	63.6	65.3	67.5
77.5°	34.6	35.7	36.7	38.1	40.2	43.3	45.2	46.6	46.8	47.5	49.6
80°	27.4	28.1	28.9	30.1	30.9	33.6	34.6	35.9	36.4	37.0	38.1
82.5°	20.2	20.7	21.3	22.2	23.6	24.7	25.7	27.1	27.1	27.6	27.8
85°	11.8	12.0	11.5	12.0	12.2	12.6	13.8	14.8	14.6	14.4	15.0
87.5°	5.3	5.3	5.0	5.4	4.9	5.0	4.9	5.0	5.2	5.4	5.7
90°	5.7	5.4	4.8	4.3	3.8	3.3	2.7	2.1	1.5	0.9	0.4
92.5°	5.7	5.4	4.9	4.4	4.0	3.5	3.5	3.9	4.3	4.7	5.1
95°	5.7	5.4	8.1	10.9	13.8	16.6	18.1	18.3	18.6	18.8	18.9
97.5°	14.3	16.4	22.0	27.5	33.1	38.6	41.3	40.8	40.4	40.1	39.7
100°	46.9	58.0	57.7	57.4	57.1	56.7	56.6	56.3	56.1	55.9	55.6
102.5°	71.9	74.0	73.8	73.6	73.4	73.2	73.0	72.8	72.5	72.2	71.9
105°	99.2	99.2	99.2	99.2	99.2	99.2	99.2	98.9	98.6	98.2	97.9
107.5°	125.6	125.6	125.5	125.4	125.3	125.1	125.0	125.0	125.0	125.0	125.0
110°	143.1	143.3	143.1	143.0	142.8	142.7	142.6	142.6	142.6	142.6	142.6



TEST NUMBER: P333490-830

CATALOG NUMBER: S125RDIP-S375D365U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	160.0	160.3	160.2	160.1	160.0	159.9	159.9	159.7	159.5	159.3	159.1
115°	185.6	185.9	185.9	185.8	185.7	185.6	185.4	185.0	184.6	184.3	183.9
117.5°	210.4	210.8	210.5	210.2	209.9	209.6	209.5	209.5	209.5	209.5	209.5
120°	226.1	226.2	226.0	225.7	225.6	225.4	225.3	225.4	225.5	225.5	225.6
122.5°	241.3	241.4	241.3	241.2	241.1	241.0	240.8	240.5	240.3	240.0	239.7
125°	263.5	263.9	263.9	263.9	263.9	263.9	263.6	263.1	262.6	262.0	261.6
127.5°	283.7	283.9	283.9	284.0	284.0	284.1	283.9	283.5	283.1	282.8	282.4
130°	297.0	297.2	297.1	297.0	297.0	296.9	296.7	296.3	296.0	295.6	295.2
132.5°	309.2	309.2	309.3	309.5	309.7	309.8	309.7	309.2	308.9	308.4	308.0
135°	327.3	327.5	327.6	327.8	327.9	328.1	327.9	327.5	327.1	326.6	326.2
137.5°	344.0	344.0	344.1	344.3	344.4	344.6	344.4	344.0	343.7	343.3	342.9
140°	354.3	354.2	354.2	354.3	354.4	354.5	354.4	354.3	354.1	354.0	353.8
142.5°	364.6	364.6	364.5	364.4	364.3	364.1	364.0	363.9	363.9	363.8	363.7
145°	378.9	378.8	378.8	378.8	378.8	378.8	378.7	378.6	378.4	378.3	378.1
147.5°	391.2	391.1	391.0	390.9	390.8	390.7	390.7	390.7	390.8	390.8	390.8
150°	399.0	398.8	398.7	398.5	398.3	398.2	398.2	398.3	398.5	398.7	398.8
152.5°	405.9	405.8	405.6	405.5	405.3	405.1	405.2	405.6	405.9	406.2	406.5
155°	415.4	415.1	415.0	414.8	414.7	414.5	414.7	415.1	415.6	416.0	416.5
157.5°	423.2	423.0	423.0	423.0	422.9	422.9	423.1	423.3	423.6	423.9	424.1
160°	428.1	427.8	427.7	427.6	427.5	427.5	427.7	428.1	428.6	429.0	429.4
162.5°	432.4	432.1	432.0	431.9	431.9	431.8	432.0	432.3	432.8	433.3	433.8
165°	438.2	437.8	437.7	437.6	437.5	437.5	437.7	438.1	438.6	439.0	439.4
167.5°	442.5	442.0	442.0	441.9	441.8	441.7	441.9	442.3	442.8	443.3	443.7
170°	444.7	444.1	444.0	443.9	443.9	443.8	444.0	444.6	445.1	445.6	446.1
172.5°	446.5	446.0	445.8	445.7	445.5	445.4	445.6	446.2	446.7	447.2	447.7
175°	448.4	447.8	447.7	447.6	447.5	447.5	447.7	448.1	448.6	449.0	449.4
177.5°	449.3	448.9	448.8	448.8	448.7	448.7	448.8	449.2	449.5	449.9	450.3
180°	449.4	449.4	449.4	449.4	449.4	449.4	449.4	449.4	449.4	449.4	449.4



TEST NUMBER: P333490-830

CATALOG NUMBER: S125RDIP-S375D365U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6
2.5°	533.1	534.7	537.0	539.6	541.7	543.9	545.2	545.2	546.2	548.5	551.5
5°	534.7	540.4	545.7	552.7	558.2	564.5	569.3	573.9	578.0	583.2	588.7
7.5°	534.2	543.7	553.5	564.4	576.6	586.2	596.1	603.8	611.4	621.5	629.3
10°	532.5	544.7	558.0	571.9	587.2	600.4	612.5	623.3	633.8	644.7	654.5
12.5°	529.3	544.9	561.1	577.9	597.1	612.3	627.7	639.3	651.6	663.5	675.5
15°	524.6	542.9	562.5	585.9	609.4	626.3	641.6	656.7	668.0	681.5	693.1
17.5°	514.9	538.5	563.2	588.6	611.2	630.9	647.0	661.3	673.4	688.2	703.9
20°	509.2	534.7	560.3	587.6	609.2	629.4	644.9	659.7	674.7	694.1	713.2
22.5°	501.1	528.4	555.6	581.5	604.3	623.9	639.8	657.9	677.7	699.6	722.8
25°	488.5	516.6	543.6	568.2	590.4	610.5	632.3	656.7	680.6	709.5	742.9
27.5°	472.4	499.5	523.6	549.6	571.7	597.2	624.3	650.8	685.3	725.2	766.8
30°	460.4	486.1	509.0	533.6	558.6	586.7	617.2	648.4	689.6	736.3	785.8
32.5°	446.5	469.8	492.4	516.1	545.1	575.9	608.3	646.4	695.6	748.9	800.0
35°	422.3	443.2	465.2	491.5	522.3	555.8	597.2	643.6	703.0	760.3	806.3
37.5°	396.9	413.5	435.5	463.4	496.8	535.6	582.6	638.9	699.9	751.4	770.9
40°	377.4	392.9	416.2	445.4	478.5	520.9	573.6	631.6	693.1	728.7	727.2
42.5°	358.1	373.7	396.2	425.6	460.1	507.6	561.8	622.0	673.8	687.4	659.1
45°	328.4	343.0	365.0	394.6	431.7	481.5	538.6	596.3	629.4	607.4	551.2
47.5°	298.2	312.4	332.8	361.7	402.2	454.4	508.4	555.7	560.3	513.1	445.7
50°	278.3	291.6	311.0	342.0	381.2	432.1	484.2	521.4	509.8	452.1	382.7
52.5°	259.0	271.7	289.9	319.1	359.2	409.1	455.5	484.8	458.1	396.7	334.2
55°	230.5	242.6	260.9	287.7	324.0	369.8	410.6	421.2	382.0	320.2	269.7
57.5°	203.3	212.3	230.3	254.0	289.1	329.4	358.5	356.7	313.4	257.7	221.4
60°	185.3	193.4	210.6	232.3	265.7	301.9	322.3	313.6	269.8	223.9	189.1
62.5°	168.6	176.2	190.6	210.6	239.2	270.7	285.6	273.5	232.2	191.8	164.1
65°	143.3	148.7	160.3	178.8	201.2	223.0	236.3	218.7	182.1	151.6	130.6
67.5°	119.6	124.3	134.6	147.9	163.3	178.4	183.8	167.3	138.8	118.3	103.5
70°	104.3	108.7	115.6	128.1	138.3	148.9	151.6	136.8	113.0	97.4	88.2
72.5°	89.7	93.7	99.8	108.6	115.6	121.8	123.0	109.2	91.0	80.3	73.2
75°	68.4	71.9	75.8	79.1	83.6	84.7	84.3	73.6	63.8	56.6	52.7
77.5°	50.2	51.7	54.1	55.4	55.6	55.5	53.3	46.6	41.5	38.5	36.9
80°	38.7	39.9	40.5	40.9	41.2	39.0	36.6	32.4	30.7	28.9	27.1
82.5°	28.2	28.8	29.5	29.6	28.5	26.6	24.4	22.3	21.1	20.3	19.5
85°	15.3	15.5	15.3	14.1	12.6	12.0	11.5	11.1	10.9	10.7	10.7
87.5°	5.6	5.2	4.4	4.7	4.8	4.8	4.9	4.8	4.7	4.8	4.9
90°	0.9	1.5	2.1	2.7	3.3	3.8	4.3	4.8	5.4	5.7	6.0
92.5°	4.7	4.3	3.9	3.5	3.5	4.0	4.4	4.9	5.4	5.7	6.0
95°	18.8	18.6	18.3	18.1	16.6	13.8	10.9	8.1	5.4	5.7	6.0
97.5°	40.1	40.4	40.8	41.3	38.6	33.1	27.5	22.0	16.4	14.3	12.3
100°	55.9	56.1	56.3	56.6	56.7	57.1	57.4	57.7	58.0	46.9	35.9
102.5°	72.2	72.5	72.8	73.0	73.2	73.4	73.6	73.8	74.0	71.9	69.7
105°	98.2	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
107.5°	125.0	125.0	125.0	125.0	125.1	125.3	125.4	125.5	125.6	125.6	125.7
110°	142.6	142.6	142.6	142.6	142.7	142.8	143.0	143.1	143.3	143.1	142.8



TEST NUMBER: P333490-830

CATALOG NUMBER: S125RDIP-S375D365U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	159.3	159.5	159.7	159.9	159.9	160.0	160.1	160.2	160.3	160.0	159.8
115°	184.3	184.6	185.0	185.4	185.6	185.7	185.8	185.9	185.9	185.6	185.3
117.5°	209.5	209.5	209.5	209.5	209.6	209.9	210.2	210.5	210.8	210.4	210.0
120°	225.5	225.5	225.4	225.3	225.4	225.6	225.7	226.0	226.2	226.1	225.9
122.5°	240.0	240.3	240.5	240.8	241.0	241.1	241.2	241.3	241.4	241.3	241.1
125°	262.0	262.6	263.1	263.6	263.9	263.9	263.9	263.9	263.9	263.5	263.3
127.5°	282.8	283.1	283.5	283.9	284.1	284.0	284.0	283.9	283.9	283.7	283.5
130°	295.6	296.0	296.3	296.7	296.9	297.0	297.0	297.1	297.2	297.0	296.7
132.5°	308.4	308.9	309.2	309.7	309.8	309.7	309.5	309.3	309.2	309.2	309.1
135°	326.6	327.1	327.5	327.9	328.1	327.9	327.8	327.6	327.5	327.3	327.3
137.5°	343.3	343.7	344.0	344.4	344.6	344.4	344.3	344.1	344.0	344.0	344.1
140°	354.0	354.1	354.3	354.4	354.5	354.4	354.3	354.2	354.2	354.3	354.5
142.5°	363.8	363.9	363.9	364.0	364.1	364.3	364.4	364.5	364.6	364.6	364.6
145°	378.3	378.4	378.6	378.7	378.8	378.8	378.8	378.8	378.8	378.9	379.0
147.5°	390.8	390.8	390.7	390.7	390.7	390.8	390.9	391.0	391.1	391.2	391.2
150°	398.7	398.5	398.3	398.2	398.2	398.3	398.5	398.7	398.8	399.0	399.1
152.5°	406.2	405.9	405.6	405.2	405.1	405.3	405.5	405.6	405.8	405.9	406.0
155°	416.0	415.6	415.1	414.7	414.5	414.7	414.8	415.0	415.1	415.4	415.6
157.5°	423.9	423.6	423.3	423.1	422.9	422.9	423.0	423.0	423.0	423.2	423.5
160°	429.0	428.6	428.1	427.7	427.5	427.5	427.6	427.7	427.8	428.1	428.4
162.5°	433.3	432.8	432.3	432.0	431.8	431.9	431.9	432.0	432.1	432.4	432.9
165°	439.0	438.6	438.1	437.7	437.5	437.5	437.6	437.7	437.8	438.2	438.7
167.5°	443.3	442.8	442.3	441.9	441.7	441.8	441.9	442.0	442.0	442.5	443.1
170°	445.6	445.1	444.6	444.0	443.8	443.9	443.9	444.0	444.1	444.7	445.3
172.5°	447.2	446.7	446.2	445.6	445.4	445.5	445.7	445.8	446.0	446.5	447.0
175°	449.0	448.6	448.1	447.7	447.5	447.5	447.6	447.7	447.8	448.4	448.9
177.5°	449.9	449.5	449.2	448.8	448.7	448.7	448.8	448.8	448.9	449.3	449.8
180°	449.4	449.4	449.4	449.4	449.4	449.4	449.4	449.4	449.4	449.4	449.4



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	530.6	530.6	530.6	530.6	530.6	530.6	530.6
2.5°	553.7	553.7	556.7	556.5	558.5	557.7	558.1
5°	595.2	598.9	602.2	604.4	607.7	608.5	608.0
7.5°	638.3	646.5	650.4	656.0	657.0	659.9	659.6
10°	664.9	673.0	679.1	683.8	686.3	689.3	689.6
12.5°	685.8	692.7	698.0	702.5	705.4	706.3	706.9
15°	702.2	709.7	716.0	722.4	726.1	729.0	730.5
17.5°	718.6	730.4	741.5	750.1	755.3	759.6	759.6
20°	731.3	744.8	758.7	768.5	778.6	783.0	783.6
22.5°	744.9	765.5	783.5	798.7	811.9	816.4	818.1
25°	773.2	800.1	827.8	849.1	864.4	873.4	874.7
27.5°	807.3	843.8	872.9	892.6	905.2	911.9	913.3
30°	831.3	865.1	891.2	906.0	911.9	912.8	909.5
32.5°	842.1	867.3	877.8	876.9	865.3	857.7	854.8
35°	828.9	823.7	798.2	767.7	744.4	729.6	725.7
37.5°	754.3	709.3	662.4	616.3	591.8	579.3	557.9
40°	680.8	616.5	567.8	529.0	501.3	479.1	473.9
42.5°	597.9	531.5	482.8	449.6	427.4	412.3	405.6
45°	480.4	423.4	383.0	357.6	340.6	329.5	324.5
47.5°	384.3	340.1	310.8	291.9	278.9	269.3	266.6
50°	331.5	296.1	271.4	255.4	245.6	238.3	235.3
52.5°	287.9	259.4	240.3	227.2	218.0	213.4	210.8
55°	237.6	213.0	199.3	188.8	183.6	179.9	178.1
57.5°	194.4	176.5	166.5	159.3	154.5	152.1	151.3
60°	170.1	156.2	147.0	141.4	138.1	135.1	134.1
62.5°	148.6	137.7	130.6	125.6	122.4	121.1	120.6
65°	119.8	112.6	107.4	104.3	101.7	101.2	101.0
67.5°	95.2	91.0	88.2	85.1	84.2	82.7	82.3
70°	81.4	78.6	75.3	74.3	73.1	71.6	71.9
72.5°	69.1	66.3	64.0	62.6	62.2	61.5	62.1
75°	50.5	49.7	48.8	47.7	47.2	47.2	47.0
77.5°	36.1	35.3	34.4	33.7	33.6	32.7	33.0
80°	26.1	25.1	24.6	24.8	24.1	23.9	23.9
82.5°	19.3	18.9	18.5	18.6	18.4	18.2	18.4
85°	10.7	10.5	10.5	10.3	10.3	10.0	10.0
87.5°	5.1	5.4	5.1	5.0	5.0	5.2	5.5
90°	6.4	6.8	7.1	7.4	7.5	7.7	8.0
92.5°	6.4	6.8	7.1	7.2	7.3	7.4	7.4
95°	6.4	6.8	7.0	7.0	7.0	7.0	7.0
97.5°	10.1	8.0	7.0	7.0	7.0	7.0	7.0
100°	24.9	13.9	8.2	7.9	7.6	7.3	7.0
102.5°	67.7	65.6	62.0	57.0	52.0	46.9	41.9
105°	99.2	99.2	99.2	99.2	99.1	99.1	99.0
107.5°	125.7	125.7	125.6	125.5	125.2	125.0	124.7
110°	142.6	142.4	142.3	142.4	142.4	142.5	142.6



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	159.5	159.2	159.0	158.9	158.8	158.7	158.6
115°	185.0	184.7	184.4	183.9	183.5	183.0	182.6
117.5°	209.6	209.2	209.0	208.8	208.6	208.4	208.2
120°	225.7	225.6	225.4	225.0	224.6	224.2	223.9
122.5°	241.0	240.8	240.5	240.1	239.7	239.2	238.8
125°	263.0	262.7	262.4	262.2	262.0	261.7	261.6
127.5°	283.3	283.2	282.9	282.3	281.7	281.3	280.7
130°	296.5	296.3	296.0	295.7	295.3	294.9	294.5
132.5°	309.1	309.0	308.8	308.4	308.0	307.6	307.4
135°	327.1	326.9	326.6	326.2	325.7	325.3	324.8
137.5°	344.1	344.1	343.9	343.6	343.2	342.8	342.4
140°	354.6	354.8	354.6	354.2	353.7	353.3	352.8
142.5°	364.7	364.7	364.5	364.0	363.5	363.2	362.7
145°	379.0	379.1	378.9	378.5	378.1	377.6	377.1
147.5°	391.3	391.4	391.2	390.7	390.1	389.6	389.1
150°	399.3	399.4	399.2	398.6	398.0	397.4	396.8
152.5°	406.1	406.3	406.1	405.6	405.1	404.5	404.0
155°	415.8	416.0	415.8	415.3	414.6	414.1	413.5
157.5°	423.7	424.0	423.8	423.2	422.5	422.0	421.4
160°	428.7	429.0	428.9	428.2	427.6	427.1	426.5
162.5°	433.3	433.8	433.6	432.9	432.3	431.7	431.0
165°	439.1	439.6	439.5	438.9	438.3	437.7	437.2
167.5°	443.6	444.1	444.0	443.4	442.7	442.1	441.4
170°	445.9	446.5	446.5	445.8	445.2	444.4	443.7
172.5°	447.6	448.1	448.1	447.4	446.7	446.0	445.4
175°	449.6	450.2	450.2	449.4	448.7	448.1	447.4
177.5°	450.2	450.5	450.5	450.1	449.6	449.1	448.7
180°	449.4	449.4	449.4	449.4	449.4	449.4	449.4

(END OF REPORT)