

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: METALUX

Report Number: P1444833

Luminaire Tested: EHBR1-42-UNV-TA-L940

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444833
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (C80-8019A)
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-42-UNV-TA-L940
Description: Elevate Round Highbay at, 42000 lumens, 4000K 90CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

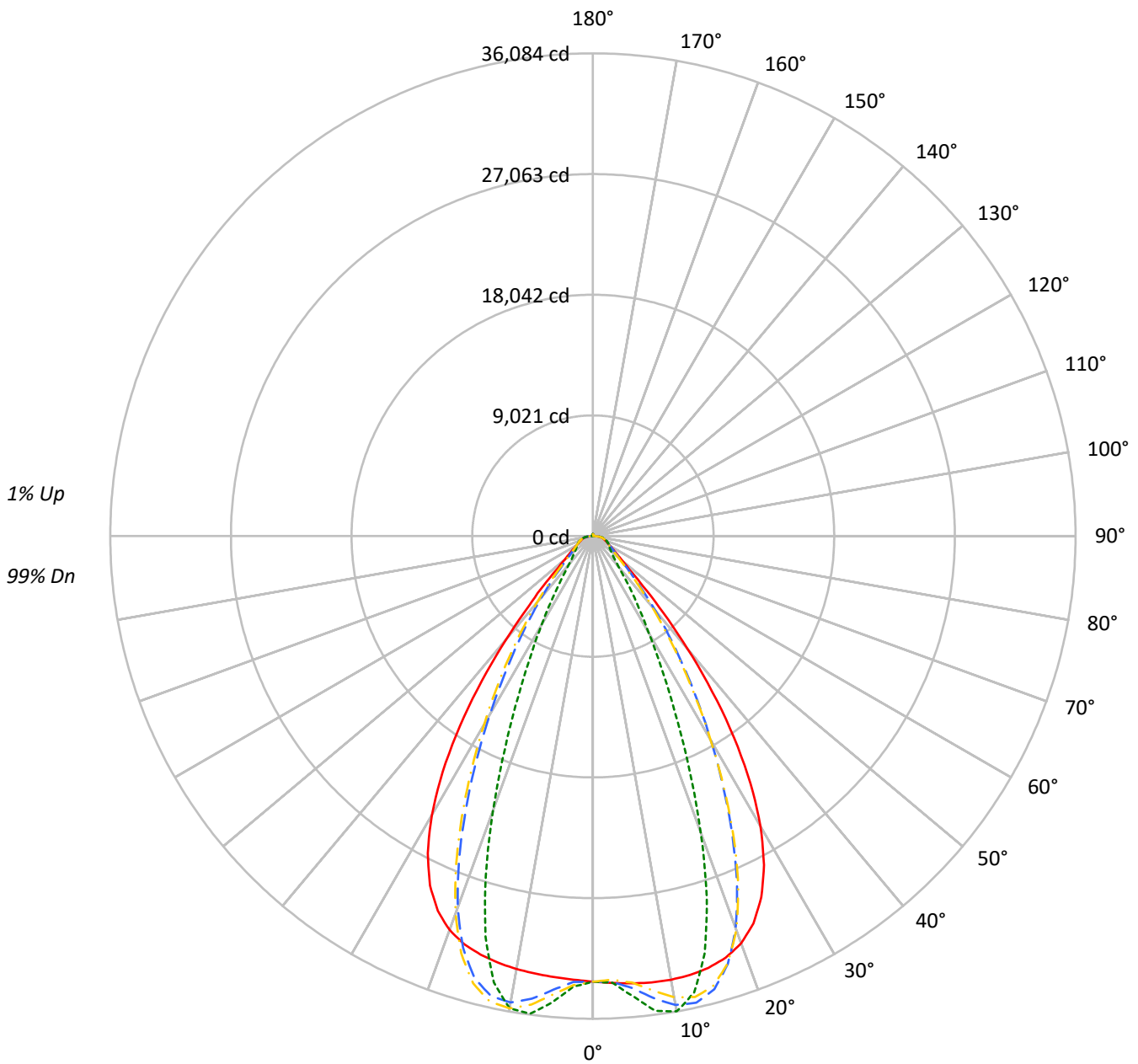
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 38562.7 lumens
Efficiency: N/A
Efficacy: 171.8 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 0.77 / 0.88
Luminous Opening: Circular (Dia: 1.71' x H: 0')
CIE Type: Direct

Input Watts (W): 224.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° ··· 90°-270° - · 135°-315°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99			
1	112	108	105	103	109	106	103	101	102	100	98	98	96	95	94	93	92	90			
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81			
3	99	91	85	81	97	90	84	80	87	82	79	84	81	77	82	79	76	74			
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68			
5	88	78	72	67	86	77	71	66	75	70	66	73	69	65	72	68	64	63			
6	83	73	66	61	81	72	66	61	70	65	60	69	64	60	67	63	60	58			
7	78	68	61	57	77	67	61	56	66	60	56	65	59	56	63	59	55	54			
8	74	64	57	53	73	63	57	52	62	56	52	61	56	52	60	55	52	50			
9	70	60	53	49	69	59	53	49	58	53	49	57	52	48	56	52	48	47			
10	67	56	50	46	66	56	50	46	55	49	46	54	49	45	53	49	45	44			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	156418	156418	156418	156418
5°	158201	162814	155986	164946
10°	160571	172067	156720	170928
15°	162446	157028	157500	150706
20°	161894	117801	156596	108994
25°	154378	75056	149275	68100
30°	135939	45464	130673	41549
35°	105538	28779	99467	25493
40°	67419	18230	61683	17131
45°	35141	14362	34559	14126
50°	20877	12945	20237	12743
55°	16253	12446	15651	12333
60°	14034	12974	13436	12806
65°	13540	13918	13021	13442
70°	13741	15138	13056	14568
75°	15588	17030	14746	16279
80°	17954	20991	16278	19163
85°	22005	26364	17786	22576

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 53779 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3282.6	8.5
10°-20°	9234.3	23.9
20°-30°	10517.1	27.3
30°-40°	7559.2	19.6
40°-50°	3486.3	9.0
50°-60°	1668.3	4.3
60°-70°	1217.3	3.2
70°-80°	924.8	2.4
80°-90°	420.6	1.1
90°-100°	13.6	0.0
100°-110°	9.9	0.0
110°-120°	16.8	0.0
120°-130°	28.2	0.1
130°-140°	41.4	0.1
140°-150°	49.2	0.1
150°-160°	46.3	0.1
160°-170°	33.8	0.1
170°-180°	12.8	0.0
0°-30°	23034.0	59.7
0°-40°	30593.2	79.3
0°-60°	35747.9	92.7
0°-90°	38310.6	99.3
90°-120°	40.3	0.1
90°-150°	159.1	0.4
90°-180°	252.0	0.7
0°-180°	38562.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	33308	33308	33308	33308	33308	
5°	33560	34538	33090	34990	33560	3207
15°	33413	32299	32396	30998	33413	9414
25°	29794	14485	28809	13143	29794	13506
35°	18409	5020	17350	4447	18409	11298
45°	5291	2163	5204	2127	5291	4500
55°	1985	1520	1912	1506	1985	1832
65°	1218	1252	1172	1210	1218	1217
75°	859	939	813	897	859	893
85°	408	489	330	419	408	384
90°	92	122	14	21	92	60
95°	6	5	6	6	6	5
105°	10	8	10	8	10	11
115°	22	11	23	11	22	22
125°	42	18	44	20	42	38
135°	68	37	70	40	68	52
145°	90	66	92	71	90	56
155°	105	94	107	98	105	48
165°	123	116	125	118	123	35
175°	136	135	137	136	136	13
180°	138	138	138	138	138	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2
2.5°	33435.5	33432.8	33432.2	33429.9	33429.2	33429.2	33428.1	33425.4	33423.7	33419.9	33415.5
5°	33559.5	33558.0	33558.9	33559.1	33556.8	33551.5	33543.4	33533.5	33520.9	33509.0	33498.3
7.5°	33655.4	33657.7	33660.7	33660.1	33652.8	33640.6	33623.9	33614.5	33620.1	33638.3	33679.7
10°	33672.9	33687.3	33692.8	33691.1	33676.5	33666.0	33670.1	33705.4	33775.6	33869.3	33997.4
12.5°	33604.6	33622.2	33621.6	33615.7	33601.7	33616.0	33667.2	33772.2	33922.8	34107.5	34324.3
15°	33413.0	33435.6	33429.2	33421.8	33412.4	33459.4	33561.4	33743.9	33976.5	34237.0	34503.9
17.5°	33040.8	33068.2	33054.9	33046.3	33038.4	33126.5	33302.0	33569.1	33862.1	34156.8	34409.7
20°	32395.2	32413.5	32381.9	32366.9	32379.5	32552.2	32810.5	33151.8	33460.5	33739.3	33912.1
22.5°	31341.6	31364.4	31304.8	31297.9	31371.4	31636.7	31963.6	32345.1	32635.2	32856.1	32922.7
25°	29793.6	29816.0	29745.2	29787.5	29912.7	30274.0	30663.3	31071.3	31318.8	31482.5	31437.4
27.5°	27704.2	27724.7	27657.5	27743.9	27941.8	28416.6	28874.8	29317.3	29537.9	29652.6	29507.4
30°	25069.0	25111.6	25032.2	25152.8	25454.9	26071.3	26596.2	27092.5	27312.5	27399.8	27173.6
32.5°	21939.2	21999.8	21912.3	22091.7	22513.2	23253.6	23850.0	24404.5	24647.8	24747.4	24492.0
35°	18409.2	18496.1	18395.7	18665.1	19184.9	20009.4	20669.9	21288.9	21577.0	21718.2	21460.8
37.5°	14669.3	14752.1	14697.8	15057.2	15628.0	16482.6	17156.7	17824.6	18149.9	18361.9	18159.0
40°	10997.6	11073.4	11114.5	11525.5	12062.3	12867.8	13515.3	14176.1	14540.1	14806.1	14681.0
42.5°	7762.2	7838.6	7978.3	8374.8	8822.5	9489.3	10043.9	10637.2	10984.9	11268.7	11220.5
45°	5291.3	5380.1	5555.1	5879.8	6203.5	6681.9	7089.2	7550.6	7834.6	8094.6	8097.7
47.5°	3707.9	3770.2	3926.6	4148.3	4359.4	4958.2	4982.8	5209.6	5400.6	5594.8	5620.1
50°	2857.6	2895.1	2978.1	3101.6	3221.3	3376.7	3519.0	3683.4	3800.8	3907.4	3932.8
52.5°	2348.8	2372.6	2414.8	2481.7	2551.1	2635.6	2711.8	2802.0	2866.0	2923.0	2935.0
55°	1985.1	2004.8	2067.7	2080.4	2159.7	2175.1	2208.9	2263.8	2301.0	2335.2	2343.7
57.5°	1710.7	1725.0	1738.4	1766.9	1791.3	1826.9	1855.5	1894.9	1918.4	1943.0	1945.1
60°	1494.2	1504.5	1514.0	1533.8	1550.4	1575.1	1594.9	1621.7	1638.5	1657.0	1659.1
62.5°	1333.1	1340.5	1346.8	1359.8	1371.8	1390.8	1406.4	1428.8	1444.4	1458.8	1461.9
65°	1218.5	1223.9	1228.0	1237.9	1248.3	1264.4	1278.6	1296.9	1308.4	1319.4	1321.7
67.5°	1117.0	1122.3	1126.5	1135.4	1142.6	1154.7	1164.2	1177.9	1186.5	1195.3	1195.6
70°	1000.8	1005.6	1008.8	1017.2	1022.9	1033.4	1041.0	1053.3	1062.3	1072.0	1074.5
72.5°	920.3	923.1	927.5	935.1	943.1	954.2	964.4	977.3	988.0	998.2	1002.5
75°	859.1	862.4	865.2	871.7	877.3	886.7	894.4	906.1	915.4	926.3	931.6
77.5°	770.7	774.5	777.0	783.5	788.4	797.3	803.0	813.5	821.2	831.0	835.9
80°	663.9	667.4	669.2	675.3	679.2	687.5	693.1	703.1	709.5	719.4	725.2
82.5°	545.5	548.9	550.0	555.7	557.9	564.7	568.7	579.1	586.9	599.8	608.7
85°	408.4	409.7	411.7	410.2	418.5	419.0	428.4	430.0	442.4	445.6	459.7
87.5°	249.7	253.4	255.3	261.0	263.5	269.2	270.8	276.9	280.2	287.1	290.3
90°	92.4	97.3	98.3	104.1	104.9	110.0	110.5	116.3	117.3	123.3	124.3
92.5°	5.6	5.6	5.4	5.8	5.8	6.5	6.9	7.2	7.3	7.9	8.0
95°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6
97.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.3	6.3
100°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.2
102.5°	8.7	8.7	8.7	8.7	8.7	8.5	8.7	8.5	8.5	8.5	8.3
105°	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.9	9.9	9.8	9.8
107.5°	12.2	12.1	12.1	12.1	12.1	12.0	12.0	11.8	11.7	11.5	11.5
110°	14.9	14.7	14.7	14.5	14.4	14.4	14.3	14.0	14.0	13.7	13.6



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	18.2	17.9	17.8	17.6	17.5	17.1	17.0	16.8	16.7	16.3	16.0
115°	21.9	21.6	21.5	21.1	21.0	20.6	20.4	20.0	19.8	19.3	19.0
117.5°	26.3	25.9	25.7	25.4	25.0	24.6	24.2	23.7	23.2	22.7	22.4
120°	31.2	30.7	30.5	29.9	29.5	28.9	28.5	27.9	27.3	26.6	26.2
122.5°	36.5	36.1	35.8	35.0	34.6	33.8	33.4	32.3	31.9	31.1	30.4
125°	42.3	41.7	41.5	40.7	40.0	39.2	38.5	37.6	36.9	36.0	35.2
127.5°	48.4	47.9	47.4	46.6	45.8	44.9	44.1	43.0	42.3	41.1	40.3
130°	54.7	54.2	53.6	52.7	52.0	51.0	50.0	48.9	48.0	46.8	45.8
132.5°	61.1	60.7	60.0	59.2	58.2	57.0	56.2	54.8	53.8	52.7	51.6
135°	67.5	66.8	66.3	65.4	64.6	63.4	62.2	61.0	59.9	58.5	57.5
137.5°	73.6	72.9	72.3	71.4	70.5	69.1	68.1	66.8	65.7	64.3	63.2
140°	79.4	78.7	78.0	77.0	76.2	75.1	73.8	72.6	71.4	70.0	69.0
142.5°	84.8	84.0	83.5	82.5	81.6	80.4	79.3	77.9	76.8	75.5	74.4
145°	89.5	88.9	88.2	87.4	86.5	85.2	84.2	82.8	81.8	80.6	79.5
147.5°	93.8	93.2	92.7	91.9	91.1	89.9	88.9	87.7	86.6	85.5	84.7
150°	97.6	97.2	96.6	96.0	95.0	94.1	93.1	92.0	91.1	90.0	89.2
152.5°	100.9	100.2	99.9	99.1	98.4	97.3	96.6	95.6	94.7	93.7	92.8
155°	104.7	104.1	103.4	102.9	102.1	101.3	100.3	99.5	98.8	97.7	97.0
157.5°	108.9	108.2	107.6	106.8	106.3	105.5	104.7	103.8	103.0	102.3	101.5
160°	113.5	112.8	112.2	111.4	110.8	109.8	109.3	108.4	107.9	107.0	106.4
162.5°	118.2	117.5	116.9	116.2	115.5	114.7	114.0	113.5	112.8	112.0	111.3
165°	122.8	122.3	121.7	121.1	120.5	119.9	119.3	118.5	117.9	117.1	116.6
167.5°	127.4	126.8	126.4	125.8	125.2	124.7	124.1	123.4	123.1	122.3	121.9
170°	131.1	130.5	130.2	129.8	129.2	128.8	128.4	127.9	127.4	126.9	126.5
172.5°	133.8	133.3	133.0	132.9	132.3	132.1	131.7	131.4	131.1	130.6	130.5
175°	135.9	135.6	135.5	135.2	134.9	134.7	134.5	134.3	134.3	134.0	133.7
177.5°	137.2	137.1	137.1	137.0	137.0	136.9	136.8	136.5	136.4	136.4	136.3
180°	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2
2.5°	33412.4	33408.3	33402.8	33395.7	33389.6	33382.6	33366.0	33361.0	33366.5	33370.2	33377.9
5°	33491.7	33494.1	33494.9	33510.1	33523.2	33555.9	33812.2	33914.0	33992.8	34042.8	34118.7
7.5°	33731.1	33808.1	33884.2	33986.7	34075.1	34194.5	34642.9	34833.7	34969.3	35066.9	35186.9
10°	34136.7	34304.9	34462.5	34647.2	34805.9	34987.8	35405.1	35591.0	35708.4	35793.8	35873.6
12.5°	34545.3	34778.5	34989.3	35194.8	35366.6	35524.2	35671.0	35736.1	35741.6	35744.4	35702.0
15°	34758.1	34981.1	35166.7	35302.7	35403.6	35448.3	35195.6	35063.0	34895.5	34757.6	34530.5
17.5°	34623.9	34757.6	34837.8	34829.8	34788.1	34648.4	33932.7	33539.0	33148.1	32796.0	32334.2
20°	34026.7	34016.4	33946.7	33749.1	33511.0	33140.7	31913.6	31205.7	30521.2	29920.0	29190.7
22.5°	32915.9	32741.0	32497.4	32071.2	31597.9	30950.8	29192.4	28151.1	27198.2	26356.4	25413.4
25°	31306.3	30946.7	30497.2	29820.8	29085.0	28141.4	25974.1	24678.8	23534.8	22542.5	21454.4
27.5°	29246.3	28704.7	28046.0	27109.7	26113.0	24904.1	22501.3	21071.8	19843.6	18779.7	17621.8
30°	26807.6	26103.1	25252.5	24090.5	22888.2	21517.2	19080.1	17632.2	16389.1	15294.7	14135.9
32.5°	24051.5	23226.5	22229.8	20925.5	19625.4	18215.6	15862.1	14460.6	13273.1	12220.2	11171.3
35°	21011.9	20127.1	19072.6	17742.3	16449.9	15079.3	12919.8	11656.1	10607.4	9676.8	8829.9
37.5°	17751.2	16882.4	15880.2	14626.4	13428.0	12186.0	10322.6	9263.7	8383.7	7611.3	6957.3
40°	14361.1	13600.8	12733.6	11649.7	10626.9	9592.6	8063.0	7222.5	6527.9	5938.9	5448.8
42.5°	11012.4	10423.3	9758.2	8901.7	8119.0	7331.5	6154.2	5531.4	5017.0	4593.0	4246.4
45°	7989.9	7595.8	7149.7	6554.2	6012.7	5463.4	4625.4	4187.8	3852.8	3579.4	3348.1
47.5°	5585.3	5356.7	5342.8	4792.5	4395.3	4059.5	3519.7	3243.2	3038.0	2872.3	2725.9
50°	3922.4	3811.8	3674.4	3478.0	3293.7	3103.9	2775.0	2607.9	2487.7	2387.2	2294.7
52.5°	2932.3	2874.9	2801.6	2697.5	2597.6	2490.8	2282.7	2176.3	2138.5	2045.1	1971.7
55°	2342.1	2309.2	2267.5	2206.3	2145.6	2121.3	1942.9	1863.9	1813.9	1777.0	1737.6
57.5°	1945.5	1920.9	1896.2	1854.7	1819.6	1777.0	1682.3	1641.8	1612.0	1590.3	1563.0
60°	1659.4	1644.7	1630.9	1606.6	1587.6	1564.7	1504.5	1481.7	1466.1	1453.1	1435.7
62.5°	1464.6	1457.1	1450.0	1437.0	1427.4	1414.9	1373.8	1362.8	1355.1	1348.5	1337.8
65°	1324.1	1318.7	1314.6	1306.1	1301.2	1294.0	1258.7	1251.2	1246.4	1244.0	1237.9
67.5°	1196.3	1190.6	1188.0	1181.9	1179.8	1175.3	1146.4	1142.4	1140.7	1141.5	1139.3
70°	1076.8	1074.5	1075.7	1074.7	1077.4	1078.3	1060.8	1060.6	1062.4	1066.2	1066.5
72.5°	1005.2	1005.2	1006.5	1007.2	1009.8	1011.0	996.4	995.7	996.6	999.3	999.4
75°	937.0	938.2	941.9	943.1	946.2	946.8	927.5	925.3	925.5	928.0	927.2
77.5°	842.8	846.9	853.9	857.6	863.4	864.6	843.0	840.4	840.5	843.1	840.9
80°	735.7	743.5	754.7	762.6	771.7	775.3	753.1	747.8	742.9	742.1	737.7
82.5°	622.1	631.6	645.0	652.1	661.7	664.0	626.8	619.8	615.6	616.0	611.9
85°	474.9	482.0	494.2	498.2	504.3	503.7	461.4	443.2	447.9	440.5	446.4
87.5°	297.8	302.0	309.7	310.7	313.6	312.9	270.2	261.8	259.4	259.5	256.4
90°	130.0	131.5	137.0	135.9	139.1	137.2	101.5	96.3	94.3	97.0	93.8
92.5°	8.5	8.5	8.9	9.0	9.4	9.6	6.0	4.9	5.3	5.0	5.6
95°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.4	5.4
97.5°	6.3	6.3	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	6.0
100°	7.2	7.2	7.1	7.1	6.9	6.9	6.9	6.9	6.9	6.7	6.7
102.5°	8.1	8.1	8.0	7.9	7.7	7.7	7.9	7.9	7.7	7.5	7.5
105°	9.6	9.5	9.4	9.0	8.9	8.8	9.0	8.9	8.8	8.7	8.5
107.5°	11.3	11.1	10.7	10.5	10.3	10.2	10.5	10.3	10.2	9.8	9.6
110°	13.3	12.9	12.7	12.4	12.0	11.7	12.2	12.0	11.7	11.4	11.1



TEST NUMBER: P1444833
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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	15.6	15.3	14.9	14.4	14.0	13.6	14.3	14.2	13.7	13.0	12.9
115°	18.4	18.2	17.5	17.0	16.6	15.9	16.8	16.7	16.0	15.5	14.9
117.5°	21.7	21.1	20.6	20.0	19.3	18.6	19.8	19.5	18.7	18.2	17.5
120°	25.4	24.8	24.0	23.5	22.5	21.9	23.2	22.9	22.3	21.3	20.6
122.5°	29.6	28.9	28.0	27.3	26.5	25.5	27.2	26.9	25.9	25.1	24.2
125°	34.3	33.4	32.6	31.8	30.7	29.7	31.8	31.2	30.4	29.3	28.5
127.5°	39.4	38.5	37.5	36.7	35.4	34.6	36.5	36.1	35.2	34.2	33.1
130°	44.8	43.8	42.7	41.7	40.7	39.8	41.8	41.6	40.6	39.4	38.4
132.5°	50.5	49.5	48.3	47.4	46.3	45.2	47.5	47.2	46.4	45.2	44.2
135°	56.3	55.3	54.2	53.1	52.0	51.1	53.7	53.5	52.5	51.3	50.4
137.5°	62.0	61.0	59.9	59.0	57.9	56.9	60.0	59.9	59.0	57.8	56.9
140°	67.9	66.8	65.8	64.9	63.8	63.1	66.3	66.3	65.6	64.6	63.5
142.5°	73.2	72.3	71.4	70.6	69.6	68.8	72.6	72.7	71.9	71.0	70.2
145°	78.4	77.6	76.7	75.9	75.1	74.4	78.6	79.0	78.4	77.5	76.8
147.5°	83.5	82.7	81.8	81.1	80.4	80.0	84.7	85.2	84.7	83.9	83.3
150°	88.1	87.4	86.5	85.9	85.4	85.0	90.5	91.4	90.8	90.4	89.7
152.5°	92.0	91.2	90.5	89.9	89.3	88.9	96.1	97.3	96.9	96.3	96.0
155°	96.3	95.6	94.8	94.3	93.7	93.4	101.5	103.0	102.7	102.3	101.8
157.5°	100.9	100.2	99.4	98.8	98.4	97.9	106.8	108.7	108.3	107.9	107.5
160°	105.6	105.1	104.3	103.8	103.2	102.7	112.1	113.9	113.7	113.2	112.8
162.5°	110.6	110.2	109.5	108.9	108.3	107.9	117.1	119.3	118.8	118.4	118.0
165°	116.1	115.4	114.8	114.4	113.8	113.5	122.3	124.2	123.9	123.4	123.1
167.5°	121.2	120.8	120.3	119.9	119.3	119.2	127.4	129.1	128.8	128.4	128.1
170°	126.1	125.8	125.3	125.0	124.8	124.7	131.5	133.0	132.9	132.5	132.2
172.5°	130.2	130.0	129.8	129.5	129.2	129.1	134.9	136.3	136.1	135.9	135.6
175°	133.6	133.3	133.2	133.2	133.0	132.9	137.5	138.5	138.3	138.2	137.9
177.5°	136.3	136.1	136.1	136.1	136.1	136.1	138.9	139.5	139.4	139.4	139.3
180°	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2



TEST NUMBER: P1444833
 CATALOG NUMBER: EHBR1-42-UNV-TA-L940

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2
2.5°	33379.6	33391.4	33393.1	33406.8	33405.6	33421.9	33419.3	33432.8	33424.9	33435.9	33426.7
5°	34163.6	34234.7	34271.9	34341.3	34363.2	34425.3	34442.8	34499.5	34501.8	34546.8	34536.6
7.5°	35272.0	35376.8	35439.1	35524.9	35568.3	35639.7	35671.2	35724.0	35741.1	35783.1	35786.3
10°	35933.9	35984.8	36020.3	36044.2	36066.1	36076.4	36088.3	36085.1	36088.3	36083.7	36093.9
12.5°	35673.5	35599.3	35550.1	35457.0	35403.1	35300.3	35249.8	35150.9	35115.0	35030.1	35017.9
15°	34355.1	34096.1	33913.1	33647.0	33479.7	33217.9	33064.8	32828.6	32720.7	32533.0	32483.7
17.5°	31951.9	31471.2	31099.2	30621.9	30290.7	29844.7	29564.2	29195.0	28992.8	28695.1	28592.0
20°	28582.7	27871.4	27313.3	26648.6	26172.8	25580.1	25200.6	24722.0	24444.1	24078.5	23930.2
22.5°	24627.2	23741.6	23044.6	22259.3	21685.3	21024.7	20570.1	20052.3	19750.0	19352.7	19176.8
25°	20550.2	19573.7	18798.8	17971.3	17364.8	16702.7	16248.0	15739.2	15426.5	15049.3	14874.5
27.5°	16651.0	15662.5	14913.6	14144.3	13588.0	12990.5	12580.2	12136.0	11858.4	11536.5	11372.0
30°	13210.0	12338.1	11700.9	11062.5	10599.6	10114.4	9773.4	9405.3	9161.8	8886.1	8729.4
32.5°	10406.6	9733.5	9234.5	8727.8	8349.1	7943.6	7649.0	7324.2	7104.4	6858.2	6716.3
35°	8241.9	7718.9	7320.9	6903.9	6578.4	6233.1	5973.4	5693.1	5495.9	5283.9	5161.4
37.5°	6511.9	6096.0	5768.6	5422.2	5154.9	4868.8	4772.4	4450.7	4246.3	4077.1	3960.0
40°	5110.5	4779.9	4508.9	4244.0	4026.0	3809.0	3634.8	3463.0	3331.0	3210.1	3126.3
42.5°	3991.0	3751.4	3553.5	3359.4	3200.4	3042.3	2916.1	2797.7	2708.9	2629.8	2575.8
45°	3172.6	3007.8	2870.3	2733.6	2621.5	2515.9	2430.9	2355.5	2298.0	2250.5	2216.9
47.5°	2606.4	2493.5	2396.6	2304.3	2228.1	2159.0	2102.2	2083.6	2021.9	1980.3	1964.5
50°	2215.1	2147.0	2073.3	2005.2	1954.4	1903.7	1866.8	1830.7	1807.6	1788.5	1782.6
52.5°	1923.0	1870.9	1829.9	1786.9	1753.3	1717.2	1691.8	1667.7	1655.0	1645.0	1643.8
55°	1705.8	1669.4	1642.3	1613.4	1593.3	1572.2	1559.0	1546.3	1540.7	1535.6	1536.0
57.5°	1541.6	1517.3	1499.6	1480.9	1470.0	1459.9	1456.5	1453.3	1455.0	1455.8	1458.6
60°	1421.8	1406.0	1395.0	1384.1	1379.6	1376.4	1378.8	1381.7	1387.5	1392.2	1396.4
62.5°	1330.1	1321.1	1315.7	1309.9	1309.3	1309.6	1314.6	1319.4	1326.7	1332.1	1336.2
65°	1235.6	1230.5	1228.7	1225.0	1226.9	1228.0	1234.0	1237.7	1245.0	1249.2	1254.5
67.5°	1140.2	1139.0	1140.1	1140.1	1143.5	1146.3	1152.0	1156.2	1162.3	1166.3	1170.5
70°	1069.8	1070.3	1072.9	1073.3	1076.9	1078.9	1083.9	1086.6	1092.1	1095.4	1100.5
72.5°	1001.2	1000.1	1000.8	999.2	1000.4	999.9	1002.6	1003.9	1008.7	1011.2	1017.5
75°	928.3	925.2	924.5	921.1	921.3	918.9	920.0	919.9	923.0	924.2	928.7
77.5°	840.2	834.9	832.5	826.9	826.8	824.7	826.9	828.3	833.7	836.3	841.4
80°	734.7	726.6	722.9	716.4	717.6	717.2	722.7	726.7	733.4	734.6	741.0
82.5°	610.7	602.4	598.5	592.2	593.6	593.7	598.7	599.6	605.4	607.8	615.3
85°	437.2	440.5	431.7	432.3	430.4	433.9	437.2	441.4	446.3	454.3	460.4
87.5°	257.5	256.4	259.5	259.8	264.3	266.6	273.8	277.9	285.9	292.2	303.5
90°	95.0	92.0	95.4	95.0	100.3	100.2	104.8	103.6	109.1	110.4	117.3
92.5°	5.0	5.4	5.0	5.3	5.0	5.6	5.0	5.4	5.0	5.6	5.0
95°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
97.5°	6.0	6.0	6.0	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
100°	6.5	6.5	6.5	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
102.5°	7.5	7.3	7.3	7.2	7.2	7.1	7.1	7.1	7.1	7.1	7.1
105°	8.3	8.1	8.0	7.9	7.9	7.7	7.7	7.5	7.5	7.5	7.5
107.5°	9.4	9.1	9.0	8.9	8.8	8.7	8.5	8.5	8.3	8.3	8.3
110°	10.6	10.3	10.2	9.9	9.8	9.6	9.4	9.4	9.1	9.0	9.0



TEST NUMBER: P1444833
 CATALOG NUMBER: EHBR1-42-UNV-TA-L940

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	12.4	12.0	11.5	11.3	11.0	10.6	10.5	10.3	10.2	10.2	9.9
115°	14.3	13.8	13.3	12.9	12.6	12.1	11.8	11.7	11.4	11.3	11.1
117.5°	16.8	16.2	15.5	14.9	14.4	14.0	13.6	13.0	12.9	12.7	12.6
120°	19.8	19.0	18.2	17.5	16.8	16.2	15.6	15.2	14.7	14.5	14.3
122.5°	23.2	22.4	21.3	20.6	19.8	19.0	18.3	17.8	17.1	16.8	16.6
125°	27.3	26.3	25.3	24.2	23.2	22.5	21.6	20.9	20.2	19.8	19.3
127.5°	32.0	30.7	29.6	28.6	27.4	26.6	25.5	24.8	23.9	23.3	22.7
130°	37.2	36.1	34.7	33.7	32.3	31.4	30.4	29.5	28.6	27.9	27.2
132.5°	42.9	41.8	40.6	39.4	38.1	37.1	36.0	34.9	33.8	33.1	32.3
135°	49.1	48.2	46.8	45.7	44.3	43.3	42.2	41.1	40.2	39.2	38.4
137.5°	55.8	54.7	53.6	52.5	51.2	50.2	48.9	48.0	46.8	46.2	45.2
140°	62.4	61.6	60.4	59.3	58.2	57.4	56.2	55.3	54.2	53.5	52.5
142.5°	69.1	68.3	67.3	66.4	65.4	64.6	63.4	62.6	61.6	60.8	60.0
145°	75.9	75.2	74.3	73.4	72.6	71.8	70.7	70.0	69.1	68.4	67.7
147.5°	82.5	81.8	81.1	80.4	79.5	78.7	77.9	77.4	76.4	75.9	75.2
150°	89.0	88.4	87.7	87.1	86.3	85.7	85.0	84.3	83.6	83.2	82.5
152.5°	95.2	94.7	94.1	93.5	92.8	92.2	91.6	91.1	90.5	90.0	89.3
155°	101.3	100.7	100.2	99.6	98.8	98.5	97.9	97.3	96.8	96.3	95.7
157.5°	107.0	106.5	105.9	105.6	104.8	104.3	103.8	103.3	102.7	102.3	101.7
160°	112.4	112.0	111.3	110.9	110.4	109.8	109.3	108.9	108.3	107.9	107.2
162.5°	117.5	117.0	116.6	116.2	115.5	115.2	114.6	114.0	113.6	113.1	112.4
165°	122.6	122.0	121.6	121.1	120.7	120.3	119.6	119.3	118.6	118.2	117.7
167.5°	127.6	127.3	126.8	126.4	125.8	125.3	124.9	124.5	123.9	123.4	122.8
170°	131.9	131.5	131.2	130.7	130.3	129.9	129.5	129.0	128.5	128.3	127.6
172.5°	135.3	135.2	134.8	134.5	134.1	133.8	133.6	133.2	132.9	132.5	132.2
175°	137.8	137.6	137.5	137.1	137.0	136.8	136.5	136.4	136.1	136.0	135.6
177.5°	139.3	139.1	139.1	138.9	138.7	138.7	138.6	138.6	138.5	138.3	138.3
180°	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2



TEST NUMBER: P1444833
 CATALOG NUMBER: EHBR1-42-UNV-TA-L940

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2
2.5°	33436.3	33427.8	33431.8	33416.2	33419.9	33401.0	33399.2	33377.9	33375.8	33355.7	33348.2
5°	34568.4	34549.8	34570.8	34538.1	34544.5	34501.8	34498.3	34443.2	34424.2	34355.4	34325.5
7.5°	35812.5	35805.6	35818.4	35791.0	35790.1	35752.1	35736.4	35687.1	35656.4	35584.1	35537.9
10°	36085.1	36091.6	36081.0	36083.7	36068.8	36064.7	36049.6	36040.0	36015.2	35996.4	35968.8
12.5°	34953.3	34960.1	34916.9	34944.3	34922.6	34973.1	34969.1	35028.6	35037.7	35113.1	35141.6
15°	32337.4	32329.2	32246.4	32298.7	32270.6	32381.5	32406.3	32555.4	32635.2	32826.6	32944.2
17.5°	28385.7	28364.3	28247.7	28311.2	28278.9	28442.4	28497.2	28735.7	28884.5	29192.9	29412.8
20°	23675.1	23634.2	23497.7	23572.1	23538.8	23724.4	23802.7	24091.0	24282.8	24691.4	24982.1
22.5°	18906.0	18841.4	18707.7	18777.2	18745.7	18938.0	19039.9	19329.1	19548.8	19968.3	20307.6
25°	14623.3	14565.8	14436.5	14485.1	14473.4	14636.2	14726.7	15000.3	15216.2	15615.8	15939.7
27.5°	11153.6	11093.7	10976.9	11011.3	10999.5	11138.1	11223.5	11452.1	11637.8	11974.2	12258.6
30°	8536.4	8464.2	8365.2	8384.2	8376.1	8488.4	8568.2	8760.5	8919.9	9204.1	9449.1
32.5°	6543.1	6470.6	6379.6	6388.5	6376.5	6464.6	6530.3	6697.7	6836.4	7078.2	7291.4
35°	5006.4	5091.2	4896.9	5020.0	4891.9	5080.0	5012.3	5116.9	5236.2	5440.0	5617.8
37.5°	3848.7	3789.6	3739.6	3734.3	3734.0	3777.6	3829.1	3929.9	4035.1	4186.7	4343.5
40°	3049.9	3008.5	2976.1	2973.7	2976.1	3007.1	3045.1	3114.8	3191.7	3300.7	3416.0
42.5°	2529.6	2502.1	2482.6	2481.3	2487.4	2509.4	2535.8	2577.1	2627.2	2697.9	2776.9
45°	2189.4	2174.1	2163.2	2162.6	2165.4	2177.0	2192.2	2217.9	2249.6	2293.7	2343.7
47.5°	1950.7	1947.0	1940.2	1940.4	1937.4	1942.0	1943.8	1958.2	1975.1	2008.3	2073.7
50°	1776.8	1776.8	1772.2	1771.9	1767.4	1767.2	1763.5	1769.2	1777.1	1797.7	1818.6
52.5°	1639.4	1639.0	1633.9	1632.9	1628.2	1628.0	1624.8	1627.0	1628.1	1638.5	1651.0
55°	1532.1	1528.8	1522.2	1520.1	1518.2	1520.9	1519.7	1519.9	1518.5	1522.8	1526.5
57.5°	1455.0	1450.9	1444.5	1442.7	1442.2	1445.4	1445.5	1444.4	1438.6	1434.6	1429.1
60°	1394.0	1389.8	1383.0	1381.4	1382.3	1386.8	1386.6	1382.8	1374.2	1366.6	1357.9
62.5°	1334.2	1332.4	1329.0	1328.5	1327.6	1328.3	1325.3	1321.4	1312.8	1304.8	1295.3
65°	1253.8	1254.6	1252.1	1252.5	1249.3	1248.9	1244.2	1240.4	1231.7	1224.5	1214.7
67.5°	1170.3	1171.0	1168.9	1168.9	1167.3	1167.5	1164.7	1161.1	1153.8	1147.9	1140.3
70°	1101.6	1103.3	1102.1	1102.5	1100.5	1099.8	1095.3	1091.9	1084.3	1079.4	1072.6
72.5°	1019.3	1022.9	1022.9	1023.7	1020.8	1019.3	1014.0	1009.6	1002.8	998.9	993.5
75°	930.4	935.2	936.6	938.6	934.4	932.2	926.4	923.0	917.4	915.1	911.5
77.5°	843.6	848.9	853.9	858.7	851.9	845.8	838.6	833.0	825.1	822.0	816.5
80°	746.2	755.6	766.8	776.2	763.9	751.7	739.6	730.8	720.3	716.0	709.1
82.5°	619.1	628.7	635.1	641.2	632.7	623.6	612.0	604.3	592.9	588.7	580.7
85°	470.3	482.3	486.1	489.3	483.9	479.1	468.2	453.5	446.4	435.2	429.3
87.5°	309.3	316.5	317.9	319.0	315.6	313.3	306.2	299.3	287.1	278.3	267.4
90°	117.3	122.3	119.9	122.0	117.5	117.8	110.5	108.0	97.7	93.8	84.7
92.5°	5.3	4.9	5.0	4.9	5.6	5.0	5.6	5.0	5.4	5.0	5.4
95°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
97.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	6.0
100°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
102.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.2
105°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.7	7.7
107.5°	8.1	8.1	8.1	8.1	8.3	8.3	8.3	8.3	8.3	8.3	8.5
110°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.1	9.1	9.4



TEST NUMBER: P1444833
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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	9.9	9.9	9.9	9.9	9.9	9.9	9.9	10.2	10.2	10.2	10.2
115°	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.1	11.3	11.3	11.5
117.5°	12.4	12.2	12.2	12.2	12.2	12.2	12.4	12.4	12.6	12.7	12.9
120°	14.2	13.8	13.8	13.8	13.8	13.8	14.0	14.0	14.3	14.4	14.9
122.5°	16.3	16.0	16.0	15.9	15.9	15.9	16.0	16.2	16.6	16.8	17.1
125°	19.1	18.7	18.6	18.5	18.5	18.5	18.6	19.0	19.3	19.5	20.1
127.5°	22.5	22.3	21.9	21.7	21.7	21.7	22.1	22.3	22.5	23.1	23.7
130°	26.6	26.3	26.2	25.8	25.8	25.8	26.2	26.5	26.9	27.3	28.0
132.5°	32.0	31.4	31.1	30.7	30.7	30.7	31.1	31.4	32.0	32.3	33.4
135°	37.9	37.4	37.1	36.8	36.8	36.7	36.9	37.2	37.7	38.4	39.1
137.5°	44.7	44.1	43.8	43.3	43.3	43.3	43.6	43.8	44.3	44.9	45.8
140°	52.0	51.3	51.1	50.6	50.6	50.5	50.8	51.0	51.5	52.1	52.8
142.5°	59.5	58.8	58.5	58.2	58.0	58.0	58.4	58.5	59.0	59.3	60.1
145°	67.2	66.5	66.3	66.0	65.8	65.8	66.0	66.1	66.5	66.8	67.5
147.5°	74.7	74.2	74.0	73.6	73.6	73.4	73.6	73.6	74.0	74.2	74.7
150°	82.2	81.6	81.2	81.0	80.9	80.8	80.9	80.8	81.0	81.1	81.6
152.5°	89.0	88.4	88.2	87.9	87.7	87.5	87.5	87.4	87.5	87.5	87.9
155°	95.4	95.0	94.7	94.3	94.1	93.8	93.8	93.5	93.7	93.5	93.7
157.5°	101.5	101.0	100.7	100.2	100.0	99.6	99.5	99.2	99.2	98.8	98.8
160°	107.0	106.4	106.0	105.6	105.5	104.9	104.8	104.3	104.2	104.0	103.8
162.5°	112.1	111.6	111.2	110.8	110.5	110.0	109.7	109.3	109.0	108.7	108.6
165°	117.1	116.6	116.3	115.7	115.4	115.1	114.7	114.3	114.0	113.7	113.6
167.5°	122.6	122.0	121.6	121.1	120.8	120.4	120.3	119.9	119.6	119.3	119.3
170°	127.4	126.9	126.6	126.2	126.1	125.7	125.6	125.2	125.0	124.9	124.9
172.5°	131.9	131.5	131.4	131.1	130.9	130.6	130.5	130.3	130.2	130.2	130.0
175°	135.6	135.3	135.2	134.9	134.8	134.8	134.7	134.7	134.7	134.5	134.5
177.5°	138.2	138.0	138.0	138.0	137.9	137.9	137.9	137.9	137.9	137.8	137.6
180°	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2



TEST NUMBER: P1444833
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CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2
2.5°	33326.5	33317.8	33294.7	33283.3	33262.0	33251.3	33234.6	33223.9	33210.4	33200.4	33195.2
5°	34249.9	34207.3	34121.9	34069.3	33977.1	33916.4	33824.8	33757.6	33663.1	33593.3	33503.9
7.5°	35451.3	35385.9	35276.5	35193.5	35064.5	34965.9	34821.1	34705.3	34545.3	34412.5	34249.1
10°	35940.4	35902.2	35853.1	35799.8	35728.2	35658.2	35559.2	35458.5	35324.3	35190.7	35016.1
12.5°	35217.5	35253.4	35324.3	35357.3	35411.5	35429.9	35454.7	35443.2	35421.2	35366.6	35287.5
15°	33170.1	33320.1	33557.1	33721.1	33950.8	34112.1	34325.5	34463.0	34621.3	34715.8	34805.6
17.5°	29802.3	30092.4	30510.6	30844.4	31292.3	31656.5	32102.7	32453.3	32858.1	33168.6	33499.3
20°	25488.7	25895.0	26472.3	26962.7	27611.7	28162.2	28867.2	29458.0	30147.0	30721.4	31341.3
22.5°	20846.1	21324.0	21985.5	22576.9	23352.1	24044.3	24927.8	25708.9	26640.3	27474.8	28398.0
25°	16466.3	16934.7	17608.6	18220.9	19057.6	19820.3	20785.5	21681.4	22762.4	23770.5	24927.8
27.5°	12710.4	13126.4	13718.9	14270.0	15036.4	15785.1	16764.6	17720.0	18873.5	19956.8	21204.0
30°	9816.0	10153.5	10628.1	11071.6	11686.8	12299.1	13171.6	14055.2	15203.0	16325.6	17604.2
32.5°	7607.1	7894.9	8291.1	8651.1	9125.1	9586.8	10229.3	10935.4	11942.2	13017.5	14253.8
35°	5888.7	6134.9	6472.1	6782.3	7172.1	7538.6	8018.0	8522.0	9290.4	10194.9	11301.3
37.5°	4694.8	4795.2	5035.9	5290.0	5613.7	5914.9	6290.0	6662.7	7212.3	7926.0	8829.9
40°	3570.3	3729.7	3925.7	4125.7	4370.9	4612.5	5023.9	5222.1	5584.0	6096.3	6797.8
42.5°	2880.8	2992.9	3130.8	3269.9	3440.8	3609.0	3817.1	4029.1	4299.6	4646.7	5145.7
45°	2410.7	2483.9	2572.7	2665.4	2777.6	2892.4	3031.8	3177.3	3360.6	3574.0	3877.0
47.5°	2096.7	2137.1	2195.1	2258.4	2335.4	2414.8	2505.4	2598.1	2712.0	2838.6	3011.2
50°	1851.6	1885.3	1930.3	1972.7	2025.7	2107.2	2143.2	2194.3	2262.9	2337.3	2433.8
52.5°	1674.2	1696.6	1724.8	1749.2	1782.8	1813.3	1853.2	1888.5	1936.0	1980.7	2043.0
55°	1536.0	1544.2	1560.2	1575.9	1599.1	1619.9	1647.3	1670.4	1700.7	1727.5	1766.8
57.5°	1429.3	1430.1	1437.5	1445.6	1460.6	1473.7	1492.6	1507.8	1528.7	1545.8	1569.4
60°	1352.7	1348.7	1350.1	1352.9	1361.3	1369.9	1381.9	1391.8	1405.0	1414.7	1427.8
62.5°	1288.8	1282.5	1281.0	1280.3	1284.5	1287.5	1294.1	1298.9	1306.4	1310.6	1317.6
65°	1208.3	1200.7	1197.8	1194.3	1195.6	1194.6	1197.1	1197.2	1201.0	1201.8	1205.9
67.5°	1135.2	1128.9	1125.1	1120.4	1118.3	1114.9	1113.5	1110.2	1109.8	1107.1	1106.4
70°	1068.5	1062.4	1059.2	1054.8	1052.6	1048.2	1045.5	1040.0	1036.8	1031.7	1028.9
72.5°	991.4	987.9	986.9	984.0	983.3	980.7	979.6	975.8	973.6	969.3	966.8
75°	910.8	907.9	907.7	904.7	904.4	901.6	900.8	896.7	894.6	890.3	888.4
77.5°	814.7	810.5	809.3	805.9	806.7	805.2	806.4	803.4	802.1	797.7	796.4
80°	706.6	701.2	698.9	694.4	695.6	693.5	695.6	695.4	697.0	693.5	692.9
82.5°	578.5	572.5	571.4	568.2	570.4	570.5	575.1	572.7	573.6	570.4	571.8
85°	420.9	416.5	410.3	409.5	405.5	409.6	404.2	407.9	402.1	406.1	400.7
87.5°	261.0	251.8	247.0	240.5	238.0	231.7	229.1	224.5	225.9	223.8	225.0
90°	82.5	74.3	71.8	64.7	63.4	57.0	56.9	52.2	52.7	47.9	48.7
92.5°	5.0	5.0	4.9	5.3	5.0	5.0	4.9	5.3	5.0	5.3	5.0
95°	5.4	5.4	5.4	5.4	5.4	5.4	5.6	5.6	5.6	5.6	5.6
97.5°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.1	6.1	6.1	6.1
100°	6.4	6.5	6.5	6.5	6.5	6.7	6.7	6.7	6.9	6.9	6.9
102.5°	7.2	7.2	7.2	7.3	7.3	7.3	7.5	7.5	7.5	7.7	7.9
105°	7.7	7.9	7.9	8.0	8.0	8.1	8.3	8.5	8.7	8.8	8.9
107.5°	8.5	8.7	8.8	8.9	8.9	9.1	9.4	9.5	9.6	9.9	10.2
110°	9.4	9.5	9.6	9.9	10.2	10.2	10.5	10.7	11.1	11.4	11.8



TEST NUMBER: P1444833
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CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	10.3	10.6	10.7	11.1	11.4	11.7	12.0	12.4	12.9	13.3	13.7
115°	11.7	12.0	12.1	12.6	12.9	13.3	13.7	14.3	14.9	15.5	16.0
117.5°	13.0	13.6	13.8	14.3	14.7	15.5	15.9	16.7	17.4	18.2	18.6
120°	15.2	15.6	16.0	16.7	17.1	17.9	18.6	19.4	20.2	21.1	21.9
122.5°	17.5	18.2	18.6	19.4	20.1	21.0	21.9	22.9	23.9	24.8	25.7
125°	20.6	21.3	22.1	22.9	23.9	24.8	25.7	26.9	27.9	29.0	30.1
127.5°	24.2	25.1	25.9	26.9	27.9	29.0	30.1	31.4	32.3	33.7	34.7
130°	28.8	29.6	30.5	31.8	32.7	33.9	35.2	36.5	37.5	38.8	39.9
132.5°	33.9	35.0	36.0	37.2	38.3	39.5	40.7	42.0	43.2	44.5	45.6
135°	40.0	41.0	42.0	43.2	44.3	45.7	46.8	48.2	49.1	50.5	51.5
137.5°	46.6	47.5	48.6	49.7	50.8	52.1	53.2	54.4	55.4	56.6	57.7
140°	53.6	54.6	55.4	56.6	57.7	58.8	59.6	60.8	61.8	63.0	63.8
142.5°	60.7	61.8	62.3	63.4	64.2	65.4	66.3	67.3	68.0	68.8	69.6
145°	68.0	68.8	69.5	70.3	71.1	71.9	72.6	73.4	74.0	74.7	75.3
147.5°	75.2	75.8	76.2	76.9	77.5	78.0	78.6	79.3	79.7	80.2	80.8
150°	81.8	82.4	82.5	83.2	83.5	83.9	84.2	84.7	85.0	85.4	85.7
152.5°	88.0	88.2	88.2	88.8	88.9	89.2	89.3	89.6	89.7	90.0	90.4
155°	93.5	93.7	93.7	93.8	93.8	93.9	93.9	94.3	94.5	94.6	94.8
157.5°	98.8	98.7	98.7	98.7	98.5	98.7	98.7	98.8	98.8	99.2	99.5
160°	103.4	103.3	103.2	103.2	103.2	103.2	103.2	103.4	103.6	104.1	104.3
162.5°	108.3	108.2	108.0	108.0	108.0	108.2	108.3	108.6	108.7	109.1	109.5
165°	113.5	113.5	113.2	113.5	113.5	113.6	113.7	113.9	114.3	114.7	115.1
167.5°	119.3	119.3	119.3	119.3	119.3	119.5	119.6	120.1	120.3	120.7	120.8
170°	124.8	124.9	124.8	124.9	124.9	125.0	125.2	125.3	125.6	125.8	126.0
172.5°	130.0	130.0	130.0	130.0	130.0	130.2	130.2	130.3	130.3	130.5	130.5
175°	134.4	134.4	134.4	134.4	134.4	134.3	134.3	134.1	134.1	134.1	134.1
177.5°	137.5	137.2	137.1	137.1	137.0	136.9	136.9	136.8	136.8	136.8	136.5
180°	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2



TEST NUMBER: P1444833
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CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2
2.5°	33188.6	33188.2	33184.9	33186.4	33187.1	33189.4	33192.2	33195.2	33195.8	33198.2	33198.6
5°	33436.9	33354.8	33294.1	33227.3	33177.0	33131.8	33101.7	33077.8	33068.6	33070.9	33076.5
7.5°	34110.4	33941.0	33801.0	33642.1	33509.5	33369.1	33252.8	33142.1	33061.5	33001.4	32967.9
10°	34849.5	34643.1	34445.5	34215.4	33997.2	33764.2	33553.3	33340.9	33163.7	33009.9	32897.0
12.5°	35177.4	35031.6	34860.9	34643.7	34410.1	34141.4	33870.0	33579.0	33308.4	33057.2	32854.6
15°	34830.2	34830.5	34768.3	34664.0	34501.8	34287.1	34028.4	33725.1	33405.9	33080.1	32782.6
17.5°	33727.9	33935.8	34051.6	34124.8	34102.2	34023.1	33858.6	33625.6	33328.0	32981.0	32617.8
20°	31834.9	32325.4	32675.1	32989.7	33165.9	33283.1	33271.4	33176.6	32964.6	32669.5	32291.3
22.5°	29183.1	30006.4	30656.1	31261.9	31686.8	32032.5	32196.8	32266.5	32170.5	31964.9	31609.8
25°	25962.2	27081.6	28036.9	28964.1	29659.7	30257.3	30616.6	30869.6	30889.7	30782.4	30465.5
27.5°	22383.2	23704.6	24913.7	26145.9	27124.0	27983.3	28547.0	28959.7	29090.8	29073.5	28785.8
30°	18808.7	20195.9	21528.7	22965.6	24175.9	25273.7	26018.4	26576.5	26791.5	26832.8	26556.0
32.5°	15433.0	16801.0	18130.1	19632.3	20964.2	22222.3	23102.2	23765.1	24015.1	24074.1	23770.5
35°	12369.4	13631.5	14894.5	16350.4	17674.6	18977.4	19904.6	20598.6	20832.2	20871.6	20520.1
37.5°	9712.6	10787.9	11888.5	13194.8	14410.9	15634.4	16515.3	17167.6	17337.7	17327.2	16929.5
40°	7475.6	8311.6	9196.0	10271.4	11282.4	12316.7	13060.6	13599.8	13689.2	13623.0	13205.1
42.5°	5621.3	6225.1	6866.2	7668.9	8419.1	9193.2	9734.4	10134.7	10147.5	10042.8	9667.8
45°	4187.8	4776.9	5045.8	5531.2	6014.3	6529.1	6859.5	7106.8	7068.5	6976.4	6691.5
47.5°	3192.5	3418.9	3659.0	3960.0	4241.4	4825.6	4782.2	5179.3	4893.3	5088.4	4659.1
50°	2535.2	2661.7	2791.0	2950.8	3097.8	3250.5	3345.9	3417.2	3408.0	3377.3	3295.0
52.5°	2156.9	2196.0	2259.6	2350.5	2432.6	2515.2	2569.5	2613.6	2614.6	2602.2	2560.6
55°	1802.6	1852.3	1898.0	1957.5	2058.6	2074.1	2152.0	2136.2	2142.4	2120.8	2142.9
57.5°	1589.4	1618.3	1644.0	1679.3	1708.5	1742.6	1762.8	1782.1	1780.3	1776.1	1754.8
60°	1438.3	1454.2	1468.5	1489.1	1505.2	1524.5	1533.7	1543.6	1540.3	1533.2	1514.3
62.5°	1321.7	1331.7	1339.9	1353.2	1362.9	1374.9	1379.8	1384.0	1379.8	1373.0	1356.3
65°	1206.8	1213.2	1218.4	1228.4	1235.3	1245.5	1249.6	1253.5	1249.7	1244.4	1231.7
67.5°	1103.1	1103.7	1103.3	1107.3	1109.4	1115.6	1117.4	1120.2	1115.8	1111.3	1100.5
70°	1024.4	1022.9	1020.9	1022.5	1022.9	1025.8	1026.3	1025.8	1020.5	1012.6	1000.9
72.5°	962.9	962.1	960.6	962.0	962.0	964.7	963.9	962.5	956.0	948.3	936.7
75°	883.9	883.4	880.4	880.5	878.1	878.9	875.7	873.9	866.6	860.2	849.8
77.5°	791.5	790.0	785.7	784.1	779.4	777.5	771.4	768.4	761.1	755.8	747.0
80°	688.3	686.7	681.1	678.1	670.7	665.9	657.1	652.1	643.5	638.5	629.8
82.5°	569.0	569.6	564.0	560.2	549.6	541.4	529.5	523.1	513.8	508.9	499.9
85°	404.6	398.8	401.9	401.7	395.0	388.0	378.3	371.5	363.6	359.0	352.7
87.5°	221.9	223.3	221.7	220.3	215.7	212.0	204.6	200.6	194.8	191.9	187.3
90°	44.0	44.8	40.3	41.4	37.1	36.1	30.7	30.7	25.9	25.4	21.7
92.5°	5.0	5.0	5.3	5.0	5.3	5.3	5.3	5.3	5.3	5.0	5.3
95°	5.6	5.7	5.7	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.8
97.5°	6.3	6.3	6.3	6.4	6.4	6.4	6.5	6.5	6.5	6.5	6.5
100°	7.1	7.2	7.2	7.2	7.3	7.3	7.5	7.5	7.5	7.5	7.5
102.5°	7.9	8.0	8.1	8.3	8.5	8.5	8.7	8.7	8.8	8.8	8.8
105°	9.0	9.1	9.5	9.6	9.8	9.9	10.2	10.2	10.2	10.3	10.3
107.5°	10.5	10.6	11.0	11.3	11.4	11.7	11.8	12.0	12.1	12.2	12.4
110°	12.1	12.4	12.9	13.0	13.4	13.7	14.0	14.2	14.4	14.5	14.9



TEST NUMBER: P1444833
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CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	14.2	14.5	15.2	15.5	15.9	16.2	16.7	17.0	17.1	17.5	17.8
115°	16.7	17.1	17.8	18.3	18.7	19.3	19.8	20.0	20.4	20.8	21.1
117.5°	19.5	20.1	20.9	21.5	22.1	22.5	23.2	23.7	24.2	24.7	25.1
120°	22.9	23.7	24.3	25.1	25.8	26.6	27.2	27.8	28.2	28.9	29.5
122.5°	26.6	27.5	28.5	29.2	30.1	30.7	31.8	32.2	33.0	33.7	34.5
125°	31.1	32.0	33.0	33.8	34.7	35.6	36.5	37.2	38.1	38.8	39.8
127.5°	36.0	36.8	37.9	38.8	39.9	40.7	41.7	42.5	43.4	44.3	45.5
130°	41.1	42.0	43.2	44.1	45.2	46.2	47.1	48.2	49.1	50.2	51.3
132.5°	46.7	47.8	48.9	49.7	51.0	51.9	52.9	53.9	55.2	56.2	57.4
135°	52.7	53.6	54.7	55.5	56.8	57.7	58.8	59.9	61.1	62.2	63.4
137.5°	58.6	59.5	60.7	61.5	62.6	63.4	64.7	65.7	67.0	68.0	69.5
140°	64.7	65.6	66.4	67.3	68.3	69.1	70.3	71.4	72.6	73.7	75.1
142.5°	70.5	71.1	71.9	72.7	73.7	74.4	75.6	76.7	77.8	79.0	80.2
145°	76.0	76.7	77.4	78.0	78.7	79.7	80.8	81.7	82.8	83.9	85.2
147.5°	81.2	81.7	82.5	83.1	83.8	84.4	85.5	86.5	87.5	88.6	89.7
150°	86.3	86.6	87.1	87.7	88.4	89.2	90.0	90.8	92.0	93.1	94.1
152.5°	90.7	91.1	91.6	92.2	92.8	93.5	94.5	95.3	96.3	97.2	98.3
155°	95.3	95.6	96.1	96.8	97.5	98.0	98.8	99.6	100.5	101.5	102.3
157.5°	100.0	100.2	100.9	101.5	102.1	102.7	103.6	104.2	105.1	105.8	106.5
160°	104.8	105.2	105.8	106.4	107.0	107.6	108.4	109.0	109.7	110.5	111.2
162.5°	110.0	110.5	111.1	111.4	112.2	112.8	113.6	114.0	114.8	115.4	116.2
165°	115.5	116.1	116.6	117.0	117.7	118.0	118.8	119.3	120.0	120.4	121.1
167.5°	121.5	121.7	122.0	122.4	123.1	123.4	124.1	124.5	125.0	125.6	126.1
170°	126.2	126.5	126.8	127.2	127.5	127.9	128.3	128.5	129.1	129.5	130.0
172.5°	130.7	130.7	131.1	131.2	131.5	131.5	131.9	132.2	132.5	132.9	133.0
175°	134.3	134.3	134.4	134.4	134.5	134.7	134.9	135.2	135.3	135.5	135.6
177.5°	136.5	136.5	136.5	136.5	136.8	136.8	136.9	136.9	137.0	137.0	137.1
180°	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2



TEST NUMBER: P1444833
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CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2
2.5°	33197.5	33197.1	33196.0	33194.6	33193.1	33194.0	33195.5	33199.3	33205.9	33215.6	33228.2
5°	33081.1	33087.8	33091.7	33092.1	33088.7	33086.6	33089.8	33098.9	33117.3	33148.1	33189.9
7.5°	32958.8	32967.2	32980.1	32989.7	32991.5	32989.2	32989.7	33004.0	33037.9	33098.0	33182.3
10°	32828.3	32803.5	32816.6	32840.5	32859.5	32863.1	32865.4	32882.2	32931.9	33022.7	33158.2
12.5°	32707.8	32629.3	32614.1	32635.7	32664.6	32673.9	32671.3	32678.6	32736.7	32857.0	33045.7
15°	32549.4	32401.6	32351.1	32356.6	32392.3	32405.1	32395.7	32381.5	32438.1	32584.9	32829.2
17.5°	32292.8	32054.6	31961.8	31957.7	31999.4	32010.5	31987.6	31943.1	31999.0	32182.1	32485.4
20°	31902.9	31551.2	31376.3	31348.6	31393.9	31380.7	31334.9	31267.7	31341.1	31563.8	31924.5
22.5°	31201.8	30756.2	30457.5	30361.3	30415.5	30379.3	30312.6	30226.8	30324.1	30577.2	30978.9
25°	30056.3	29541.4	29132.6	28903.2	28946.4	28881.6	28808.9	28704.9	28821.1	29111.6	29553.8
27.5°	28372.5	27777.8	27271.1	26891.4	26905.4	26820.4	26736.7	26602.2	26747.3	27091.0	27589.8
30°	26133.5	25445.3	24828.3	24312.3	24266.1	24183.7	24098.0	23921.5	24103.0	24514.5	25097.3
32.5°	23321.7	22557.6	21844.7	21192.2	21069.2	20988.9	20912.4	20709.2	20946.8	21426.6	22096.2
35°	20033.4	19219.4	18446.5	17701.4	17497.4	17417.1	17350.3	17155.6	17452.1	17974.3	18697.5
37.5°	16424.0	15592.5	14825.1	14061.0	13772.9	13663.9	13615.3	13487.9	13829.9	14346.4	15072.5
40°	12718.5	11945.5	11257.4	10582.6	10254.2	10087.4	10062.0	10038.7	10369.4	10817.5	11476.6
42.5°	9252.3	8628.5	8098.0	7582.2	7284.5	7056.8	7056.7	7125.8	7423.5	7759.2	8267.4
45°	6400.0	5981.4	5643.4	5298.8	5391.0	4936.9	5203.6	5066.8	5213.9	5430.3	5760.7
47.5°	4399.4	4170.9	3985.3	3792.7	3652.3	3518.3	3530.0	3616.5	3755.0	3883.4	4055.4
50°	3206.4	3090.1	2995.5	2895.5	2825.6	2766.5	2770.0	2807.3	2880.2	2947.8	3037.8
52.5°	2512.5	2448.3	2396.9	2341.6	2305.0	2275.5	2277.1	2295.3	2334.7	2373.4	2425.0
55°	2070.9	2063.1	1996.3	1946.7	1927.9	1908.1	1911.6	1918.8	1945.6	1968.2	2002.4
57.5°	1735.4	1705.4	1685.3	1659.2	1647.2	1633.5	1636.5	1639.2	1657.1	1672.3	1696.9
60°	1498.5	1477.2	1463.1	1445.3	1437.3	1428.6	1430.6	1432.2	1443.7	1453.6	1471.2
62.5°	1341.1	1322.1	1309.7	1296.0	1290.5	1284.6	1286.0	1286.4	1293.6	1300.9	1314.2
65°	1220.4	1205.3	1195.0	1183.2	1177.4	1171.3	1171.8	1171.8	1177.9	1183.2	1193.3
67.5°	1092.7	1081.4	1074.7	1065.3	1061.3	1055.1	1055.0	1052.9	1057.0	1059.0	1065.8
70°	990.2	978.8	970.3	961.3	956.3	950.7	950.9	951.0	955.6	960.4	969.2
72.5°	927.0	916.0	908.4	900.5	895.9	891.1	890.3	889.8	893.1	895.7	901.6
75°	843.1	834.4	829.9	822.5	818.8	813.5	812.7	810.2	811.7	812.3	816.6
77.5°	741.4	733.1	729.6	722.0	719.0	712.9	712.4	709.6	710.9	710.0	713.4
80°	625.5	618.0	616.0	609.9	608.4	602.8	601.9	598.6	599.6	597.0	598.2
82.5°	496.1	489.2	487.7	482.0	482.0	477.0	476.7	471.7	471.7	467.3	460.4
85°	349.5	344.4	342.3	337.6	336.2	332.2	330.1	325.2	323.6	320.5	319.5
87.5°	184.5	181.2	178.4	176.2	172.1	164.8	164.2	159.1	159.5	155.9	156.1
90°	21.7	18.4	18.5	15.6	15.5	13.6	13.7	12.9	12.6	11.8	11.7
92.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
95°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	6.0	6.0
97.5°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.7	6.7	6.7	6.7
100°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.7	7.7	7.7	7.7
102.5°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	9.0	9.0
105°	10.3	10.5	10.5	10.5	10.5	10.5	10.5	10.6	10.6	10.6	10.7
107.5°	12.4	12.6	12.6	12.7	12.6	12.7	12.7	12.9	12.9	12.9	12.9
110°	14.9	15.1	15.2	15.3	15.3	15.5	15.5	15.6	15.6	15.6	15.6



TEST NUMBER: P1444833
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CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	17.9	18.2	18.3	18.5	18.5	18.7	18.7	19.0	19.0	19.1	19.0
115°	21.5	21.7	22.1	22.4	22.5	22.7	22.7	23.1	23.1	23.1	23.1
117.5°	25.4	25.9	26.3	26.6	26.9	27.3	27.4	27.5	27.5	27.8	27.5
120°	29.9	30.7	31.1	31.5	32.0	32.3	32.6	32.8	32.8	32.8	32.7
122.5°	35.0	35.8	36.3	36.9	37.4	37.9	38.1	38.4	38.4	38.5	38.3
125°	40.3	41.4	42.0	42.7	43.2	44.0	44.1	44.5	44.5	44.5	44.3
127.5°	46.3	47.1	47.9	48.9	49.4	50.0	50.4	50.8	50.8	50.8	50.5
130°	52.2	53.5	54.2	55.2	55.8	56.5	56.8	57.1	57.1	57.4	57.0
132.5°	58.4	59.6	60.7	61.6	62.2	63.1	63.4	63.8	63.8	63.9	63.5
135°	64.7	65.8	66.8	68.0	68.8	69.5	69.9	70.3	70.3	70.3	70.0
137.5°	70.6	71.9	72.9	74.0	74.8	75.6	76.0	76.4	76.4	76.7	76.3
140°	76.2	77.5	78.6	79.7	80.6	81.5	81.8	82.4	82.4	82.4	82.0
142.5°	81.5	82.7	83.8	85.0	85.7	86.5	87.0	87.4	87.4	87.4	87.1
145°	86.5	87.5	88.6	89.7	90.5	91.2	91.6	92.0	92.0	92.0	92.0
147.5°	90.8	92.0	93.0	93.9	94.7	95.4	96.0	96.1	96.3	96.3	96.1
150°	95.2	96.1	97.0	97.9	98.7	99.2	99.5	100.0	100.2	100.2	100.2
152.5°	99.1	100.0	100.9	101.5	102.3	102.9	103.2	103.6	104.0	104.2	104.2
155°	103.0	104.0	104.7	105.5	105.9	106.5	107.0	107.5	107.9	108.2	108.4
157.5°	107.2	108.2	108.7	109.5	110.0	110.8	111.2	111.8	112.2	112.7	112.9
160°	111.8	112.7	113.2	113.9	114.6	115.2	115.7	116.3	116.7	117.1	117.7
162.5°	116.7	117.5	117.9	118.6	119.3	119.9	120.4	121.0	121.5	122.0	122.3
165°	121.7	122.3	122.8	123.4	124.1	124.7	125.0	125.7	126.1	126.5	126.9
167.5°	126.5	127.2	127.5	128.1	128.5	129.1	129.6	130.2	130.5	130.9	131.2
170°	130.3	130.9	131.4	131.7	132.2	132.7	132.9	133.3	133.7	134.1	134.4
172.5°	133.3	133.8	134.1	134.5	134.8	135.2	135.5	135.9	136.1	136.4	136.5
175°	135.6	136.0	136.1	136.4	136.5	136.8	137.0	137.1	137.5	137.6	137.9
177.5°	137.2	137.5	137.6	137.6	137.8	137.8	137.9	137.9	138.0	138.2	138.2
180°	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2



TEST NUMBER: P1444833
 CATALOG NUMBER: EHBR1-42-UNV-TA-L940

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2
2.5°	33246.0	33262.6	33288.1	33311.1	33345.8	33373.2	33414.3	33445.5	33492.0	33522.1	33572.6
5°	33248.9	33314.0	33399.5	33483.0	33583.3	33674.4	33787.6	33884.0	33997.8	34090.7	34207.0
7.5°	33295.9	33421.4	33571.7	33723.1	33894.5	34054.7	34235.4	34398.8	34577.4	34728.6	34893.8
10°	33330.6	33524.1	33745.6	33968.5	34203.2	34421.2	34641.4	34831.6	35009.4	35155.6	35284.9
12.5°	33283.6	33550.1	33834.4	34108.9	34369.9	34595.5	34784.9	34931.2	35032.2	35100.7	35116.7
15°	33123.7	33444.4	33753.5	34027.0	34243.5	34410.5	34496.9	34537.4	34494.0	34421.9	34263.4
17.5°	32825.1	33163.3	33439.7	33655.4	33769.8	33815.1	33743.6	33619.0	33375.6	33105.4	32715.1
20°	32277.6	32592.8	32793.3	32910.9	32880.3	32767.1	32496.7	32168.1	31682.2	31164.2	30480.6
22.5°	31317.4	31592.9	31699.7	31708.5	31521.7	31238.3	30750.6	30187.0	29420.2	28623.2	27642.9
25°	29875.9	30117.2	30134.2	30039.3	29697.5	29238.2	28522.2	27724.9	26683.1	25620.9	24392.5
27.5°	27921.0	28152.6	28095.8	27919.0	27444.4	26829.8	25913.2	24883.1	23598.7	22344.2	20985.3
30°	25463.6	25711.2	25644.7	25417.7	24853.3	24126.9	23048.3	21851.6	20425.5	19085.7	17708.6
32.5°	22522.8	22835.8	22789.8	22574.2	21985.3	21207.8	20037.5	18768.2	17309.2	15988.8	14649.4
35°	19180.3	19560.2	19579.8	19438.9	18892.1	18123.7	16968.0	15739.5	14341.9	13096.1	11858.7
37.5°	15579.0	16019.5	16109.9	16071.9	15618.8	14940.4	13887.5	12785.3	11547.3	10455.5	9397.1
40°	11957.8	12403.6	12558.3	12604.2	12269.9	11744.4	10880.2	9990.7	8981.4	8096.7	7256.4
42.5°	8655.4	9050.7	9200.2	9294.2	9085.5	8735.1	8104.8	7458.8	6719.3	6081.2	5469.4
45°	6011.3	6290.9	6404.7	6499.3	6385.6	6188.0	5789.9	5385.8	4897.8	4480.7	4086.0
47.5°	4202.9	4357.1	4432.1	4478.0	4434.0	4330.9	4114.2	3880.2	3604.7	3361.0	3126.7
50°	3115.2	3197.3	3236.5	3263.1	3231.0	3173.7	3056.4	2929.1	2777.7	2639.7	2504.8
52.5°	2468.8	2515.8	2539.1	2553.5	2535.0	2500.0	2431.7	2356.1	2265.5	2180.1	2135.3
55°	2079.8	2077.3	2131.2	2105.2	2131.2	2073.1	2060.9	1977.8	1902.5	1849.4	1792.0
57.5°	1715.2	1739.6	1749.9	1761.6	1754.0	1743.4	1714.4	1684.6	1644.9	1611.7	1576.3
60°	1484.7	1504.8	1516.2	1527.6	1526.9	1523.0	1506.1	1488.4	1463.5	1443.7	1422.2
62.5°	1325.9	1343.3	1354.5	1365.5	1366.5	1365.0	1352.2	1339.9	1322.9	1310.5	1295.6
65°	1201.0	1213.2	1220.8	1229.6	1229.1	1226.8	1215.3	1205.1	1191.1	1182.4	1171.6
67.5°	1070.3	1079.5	1085.5	1093.8	1095.3	1095.8	1089.6	1084.7	1077.9	1075.4	1071.8
70°	977.3	988.6	998.1	1008.5	1014.2	1016.9	1014.2	1011.8	1007.8	1006.1	1003.2
72.5°	907.0	916.5	923.8	933.3	938.6	942.5	940.4	939.0	935.6	935.1	933.1
75°	819.6	826.1	830.3	837.5	840.3	843.9	842.3	843.1	842.0	844.7	844.6
77.5°	714.5	719.3	721.3	726.5	727.0	731.2	732.3	737.3	740.9	748.9	753.0
80°	596.3	599.3	599.3	604.6	607.0	614.2	617.7	626.0	629.8	636.9	637.4
82.5°	463.1	459.6	463.1	461.0	467.7	475.9	477.0	484.0	485.7	490.0	486.6
85°	316.7	316.4	313.6	314.1	311.9	312.9	311.7	313.0	311.8	311.9	308.7
87.5°	151.7	153.1	149.7	150.8	147.7	149.2	146.3	148.5	145.2	145.7	140.8
90°	11.3	11.0	10.5	10.3	10.6	10.2	10.2	9.9	10.2	9.8	9.8
92.5°	5.3	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.6	5.4	5.4
95°	6.0	6.0	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
97.5°	6.9	6.9	6.9	6.9	7.1	7.1	7.1	7.1	7.1	7.1	6.9
100°	7.9	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.9
102.5°	9.1	9.1	9.1	9.4	9.4	9.4	9.4	9.4	9.1	9.1	9.0
105°	10.7	10.7	11.0	11.0	11.0	11.0	11.0	11.0	10.7	10.6	10.6
107.5°	12.9	12.9	13.0	13.0	13.0	13.0	12.9	12.9	12.9	12.7	12.4
110°	15.8	15.6	15.8	15.8	15.8	15.6	15.6	15.3	15.2	14.9	14.7



TEST NUMBER: P1444833
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CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	19.1	19.0	19.0	18.7	18.7	18.5	18.5	18.3	18.2	17.6	17.4
115°	23.1	22.7	22.7	22.5	22.5	22.3	21.9	21.6	21.3	20.9	20.6
117.5°	27.4	27.3	27.2	26.6	26.6	26.2	25.8	25.4	25.1	24.7	24.2
120°	32.6	32.2	32.0	31.5	31.2	30.7	30.4	29.7	29.3	28.8	28.1
122.5°	38.1	37.6	37.4	36.9	36.5	35.8	35.3	34.6	34.2	33.4	32.8
125°	44.1	43.6	43.2	42.6	42.0	41.4	40.7	40.0	39.2	38.5	37.7
127.5°	50.4	49.7	49.4	48.6	48.0	47.1	46.4	45.6	44.9	44.0	43.2
130°	56.8	56.2	55.8	54.8	54.3	53.2	52.5	51.6	50.8	49.8	49.0
132.5°	63.4	62.7	62.2	61.2	60.7	59.6	59.0	57.9	57.0	56.1	55.3
135°	69.8	69.1	68.7	67.7	67.0	66.0	65.2	64.2	63.4	62.4	61.6
137.5°	76.0	75.3	74.7	74.0	73.2	72.2	71.5	70.5	69.8	68.8	68.0
140°	81.7	81.1	80.6	79.8	79.1	78.3	77.5	76.7	75.9	75.1	74.3
142.5°	86.7	86.3	85.8	85.1	84.4	83.6	83.1	82.4	81.6	80.9	80.2
145°	91.6	91.1	90.7	90.0	89.6	88.9	88.4	87.7	87.3	86.5	86.1
147.5°	96.1	95.6	95.3	94.8	94.6	93.9	93.7	93.1	92.8	92.2	92.0
150°	100.2	100.0	99.9	99.5	99.2	98.8	98.8	98.4	98.3	97.7	97.6
152.5°	104.2	104.2	104.2	104.1	104.1	104.0	103.8	103.6	103.4	103.2	103.0
155°	108.6	108.7	108.9	108.9	108.9	108.9	108.9	108.7	108.7	108.6	108.6
157.5°	113.2	113.5	113.7	113.8	113.9	113.9	113.9	113.9	113.9	113.8	113.8
160°	117.9	118.2	118.5	118.6	118.9	118.9	119.2	118.9	119.2	118.9	118.8
162.5°	122.7	123.1	123.3	123.4	123.7	123.7	123.9	123.9	123.9	123.7	123.7
165°	127.4	127.5	127.9	128.0	128.3	128.3	128.4	128.4	128.4	128.3	128.3
167.5°	131.5	131.7	132.1	132.2	132.5	132.5	132.9	132.7	132.7	132.7	132.7
170°	134.7	134.9	135.2	135.3	135.6	135.6	135.6	135.6	135.9	135.6	135.6
172.5°	136.9	137.0	137.2	137.5	137.6	137.6	137.8	137.8	137.9	137.9	137.9
175°	138.0	138.2	138.3	138.5	138.6	138.7	138.7	138.9	138.9	138.9	138.9
177.5°	138.3	138.5	138.5	138.6	138.7	138.7	138.9	138.9	139.1	139.1	139.1
180°	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2



TEST NUMBER: P1444833
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CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2
2.5°	33603.8	33396.3	33368.8	33383.5	33418.1	33431.0	33468.3	33478.6	33516.3	33525.5	33561.7
5°	34297.2	34022.9	34036.6	34102.5	34202.4	34261.9	34360.0	34411.4	34505.1	34547.7	34632.3
7.5°	35028.4	34812.9	34880.1	34991.3	35127.9	35222.4	35340.3	35417.1	35518.7	35581.8	35663.1
10°	35387.3	35328.3	35402.3	35489.7	35567.7	35628.6	35678.7	35718.6	35744.8	35769.4	35780.1
12.5°	35114.1	35205.5	35218.1	35209.6	35158.0	35118.6	35030.1	34970.0	34863.2	34798.1	34671.1
15°	34101.4	34302.3	34191.0	34022.7	33776.3	33570.8	33280.7	33064.8	32762.6	32557.8	32254.6
17.5°	32324.1	32577.6	32287.8	31898.1	31402.5	30978.5	30450.6	30031.4	29506.4	29124.6	28634.7
20°	29822.0	30058.9	29542.0	28896.1	28129.5	27484.2	26723.3	26116.2	25409.0	24883.1	24248.3
22.5°	26706.6	26875.4	26147.2	25276.5	24299.7	23493.6	22583.8	21856.0	21049.0	20447.8	19770.9
25°	23260.0	23305.6	22432.2	21429.1	20340.3	19434.4	18463.2	17697.9	16874.9	16265.5	15601.2
27.5°	19781.4	19714.6	18770.5	17706.9	16561.8	15620.1	14672.8	13955.7	13235.0	12685.9	12113.7
30°	16498.0	16336.3	15356.0	14262.8	13151.2	12307.2	11520.8	10944.9	10371.5	9936.0	9476.7
32.5°	13487.2	13259.0	12304.8	11280.6	10343.9	9692.6	9109.4	8673.7	8210.6	7842.8	7457.3
35°	10820.2	10577.2	9731.9	8863.5	8154.6	7674.5	7216.2	6858.7	6465.5	6155.2	5820.4
37.5°	8531.5	8332.3	7624.1	6940.9	6404.7	6032.6	5657.0	5364.9	5040.0	4903.4	4545.7
40°	6586.3	6447.0	5893.3	5389.7	4987.0	4812.2	4431.0	4158.1	3915.2	3715.0	3521.2
42.5°	5137.4	5088.1	4549.3	4156.4	3872.9	3652.7	3440.3	3267.8	3100.0	2961.9	2831.6
45°	3770.1	3731.1	3491.9	3265.1	3071.9	2918.0	2774.4	2655.7	2546.0	2455.1	2372.3
47.5°	2935.7	2923.3	2785.5	2644.9	2523.2	2424.3	2331.1	2252.3	2179.5	2118.7	2099.0
50°	2387.8	2386.1	2305.4	2218.5	2131.9	2074.7	2015.2	1968.7	1921.9	1885.5	1847.0
52.5°	2028.8	2020.0	1965.5	1911.9	1860.4	1822.9	1784.8	1755.1	1724.1	1701.7	1677.7
55°	1746.6	1755.9	1724.3	1692.3	1660.1	1636.7	1610.1	1590.4	1569.3	1555.0	1540.6
57.5°	1550.5	1562.8	1546.3	1528.1	1508.5	1493.1	1474.8	1461.2	1447.0	1438.0	1429.6
60°	1408.0	1421.3	1414.7	1405.6	1393.5	1384.3	1372.6	1365.0	1355.9	1350.9	1346.1
62.5°	1287.1	1303.7	1301.3	1297.0	1289.2	1284.2	1277.8	1274.4	1268.3	1266.2	1264.0
65°	1166.3	1185.1	1184.7	1182.6	1178.3	1176.8	1172.8	1172.1	1169.0	1170.2	1170.0
67.5°	1071.4	1087.7	1091.2	1093.8	1093.8	1094.7	1094.3	1095.9	1095.9	1098.3	1099.8
70°	1002.8	1014.2	1016.9	1019.7	1020.4	1022.6	1022.6	1024.0	1023.6	1025.6	1025.8
72.5°	933.6	948.5	951.3	953.4	953.4	955.6	954.5	954.1	951.1	950.6	948.4
75°	847.4	866.6	870.8	873.5	873.9	875.7	873.1	871.6	866.6	864.6	861.1
77.5°	757.4	777.4	780.3	781.3	779.7	780.1	774.6	770.9	764.6	762.0	758.7
80°	640.3	669.6	671.9	670.0	665.5	664.7	659.4	656.0	648.4	645.8	643.0
82.5°	487.3	521.5	526.4	528.4	524.8	525.6	520.6	518.6	511.7	510.4	505.9
85°	307.6	341.9	347.6	346.8	343.0	342.2	339.2	340.2	339.6	341.4	342.5
87.5°	141.3	174.6	182.6	180.0	179.6	177.3	172.0	173.9	177.1	179.2	179.3
90°	9.6	19.5	19.1	20.2	18.2	18.7	17.0	18.2	16.8	17.9	16.7
92.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.4	5.3	5.4
95°	6.1	6.0	6.0	6.0	5.8	5.8	5.8	5.8	5.8	5.8	5.8
97.5°	6.9	6.7	6.5	6.5	6.5	6.4	6.4	6.4	6.4	6.3	6.3
100°	7.9	7.5	7.3	7.3	7.2	7.2	7.2	7.1	7.1	7.1	6.9
102.5°	8.9	8.5	8.3	8.1	8.0	7.9	7.9	7.7	7.7	7.5	7.5
105°	10.3	9.8	9.5	9.1	9.0	8.9	8.8	8.7	8.5	8.3	8.3
107.5°	12.2	11.3	10.7	10.5	10.2	10.2	9.8	9.6	9.4	9.1	9.0
110°	14.4	13.0	12.6	12.1	11.8	11.4	11.1	10.7	10.5	10.3	10.2



TEST NUMBER: P1444833
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CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	17.0	15.3	14.5	14.0	13.6	13.0	12.7	12.2	12.0	11.5	11.4
115°	20.0	17.9	17.0	16.3	15.8	15.2	14.5	14.2	13.6	13.0	12.9
117.5°	23.7	21.1	20.0	19.1	18.5	17.6	17.0	16.3	15.8	15.2	14.7
120°	27.5	24.7	23.5	22.5	21.7	20.8	20.0	19.1	18.4	17.6	17.0
122.5°	32.1	28.9	27.4	26.5	25.4	24.3	23.5	22.5	21.6	20.8	20.0
125°	37.1	33.4	31.9	30.7	29.7	28.6	27.5	26.5	25.5	24.6	23.7
127.5°	42.3	38.5	36.9	35.8	34.7	33.4	32.3	31.1	30.1	28.9	28.0
130°	48.2	44.1	42.3	41.1	40.2	38.8	37.7	36.5	35.3	34.2	33.1
132.5°	54.3	50.0	48.3	47.1	46.2	44.8	43.8	42.5	41.4	40.0	39.0
135°	60.7	56.2	54.4	53.2	52.4	51.1	50.0	48.7	47.8	46.4	45.6
137.5°	67.0	62.3	60.7	59.6	58.8	57.7	56.8	55.5	54.6	53.2	52.4
140°	73.4	68.7	67.0	66.1	65.4	64.3	63.4	62.4	61.6	60.7	59.6
142.5°	79.5	74.5	72.9	72.2	71.6	70.7	70.2	69.4	68.7	67.5	66.8
145°	85.5	80.2	78.7	78.0	77.6	77.0	76.4	75.8	75.2	74.4	73.8
147.5°	91.4	85.8	84.2	83.8	83.5	82.8	82.5	82.0	81.7	81.1	80.8
150°	97.2	90.8	89.0	88.8	88.4	88.1	87.9	87.5	87.4	87.0	86.7
152.5°	102.7	95.2	93.1	92.8	92.8	92.4	92.3	92.2	92.2	92.0	92.0
155°	108.3	100.0	97.6	97.3	97.2	97.0	96.9	96.9	96.9	96.9	97.0
157.5°	113.6	104.7	102.3	101.8	101.7	101.5	101.5	101.5	101.5	101.5	101.7
160°	118.6	109.7	107.1	106.7	106.5	106.3	106.0	105.9	105.9	105.9	106.0
162.5°	123.4	114.7	112.4	111.8	111.4	111.2	111.1	110.8	110.8	110.6	110.8
165°	128.0	120.1	117.8	117.3	117.0	116.6	116.4	116.2	116.1	115.9	115.9
167.5°	132.5	125.3	123.4	123.1	122.7	122.3	122.3	121.9	121.9	121.6	121.6
170°	135.6	130.0	128.4	128.1	128.1	127.9	127.6	127.5	127.4	127.2	127.2
172.5°	137.8	133.7	132.5	132.3	132.3	132.2	132.2	132.1	132.1	132.1	132.1
175°	138.9	136.4	135.9	135.6	135.6	135.6	135.6	135.6	135.6	135.6	135.9
177.5°	139.3	138.6	138.3	138.3	138.3	138.3	138.3	138.3	138.3	138.5	138.5
180°	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2



TEST NUMBER: P1444833
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2
2.5°	33568.5	33607.6	33604.6	33641.2	33639.4	33673.8	33666.9	33696.6	33689.9	33715.2	33700.3
5°	34669.6	34744.0	34768.6	34835.8	34849.7	34909.9	34911.1	34958.9	34953.0	34990.5	34970.5
7.5°	35711.3	35780.8	35813.7	35865.9	35891.9	35935.2	35952.1	35987.6	35996.2	36017.1	36016.5
10°	35799.1	35798.9	35815.2	35807.9	35822.4	35814.0	35831.8	35825.4	35851.7	35845.0	35864.8
12.5°	34616.3	34498.9	34456.1	34350.6	34327.6	34237.0	34243.5	34185.4	34213.5	34177.8	34238.5
15°	32074.2	31801.9	31667.4	31430.6	31356.3	31169.1	31153.9	31029.7	31063.2	30998.2	31093.2
17.5°	28317.6	27889.0	27653.7	27307.9	27170.6	26906.0	26852.9	26692.9	26717.7	26637.1	26751.9
20°	23838.9	23320.8	23024.0	22624.2	22445.9	22130.3	22046.6	21867.6	21890.0	21809.8	21939.7
22.5°	19309.0	18766.7	18431.7	18012.6	17784.8	17488.1	17399.0	17219.2	17229.5	17154.1	17279.0
25°	15146.2	14626.3	14301.1	13920.4	13722.8	13450.7	13357.1	13195.6	13204.8	13142.7	13254.8
27.5°	11716.7	11290.1	11018.0	10698.9	10521.7	10298.0	10206.8	10071.1	10070.7	10025.2	10118.8
30°	9155.9	8800.0	8555.7	8277.8	8111.4	7909.6	7821.4	7700.0	7694.6	7662.3	7736.8
32.5°	7168.9	6852.3	6629.4	6384.9	6235.5	6062.3	5978.9	5881.2	5872.3	5843.1	5904.2
35°	5572.9	5306.3	5114.6	4908.7	4923.9	4668.4	4710.9	4512.3	4458.6	4446.8	4492.2
37.5°	4307.2	4100.7	3945.1	3790.9	3686.4	3578.4	3520.2	3468.1	3462.1	3457.1	3488.9
40°	3371.3	3226.8	3113.7	3007.8	2936.0	2870.0	2833.7	2805.0	2798.2	2794.4	2813.7
42.5°	2728.6	2631.1	2558.1	2493.5	2449.9	2414.1	2394.0	2378.1	2372.8	2373.0	2384.4
45°	2305.4	2246.2	2199.1	2159.0	2131.1	2143.3	2107.3	2126.2	2101.2	2127.0	2110.0
47.5°	2030.1	1979.8	1950.7	1922.3	1905.4	1891.8	1892.3	1892.5	1897.9	1898.7	1904.3
50°	1817.8	1788.7	1768.4	1750.3	1741.5	1734.4	1736.9	1738.7	1743.9	1744.2	1748.3
52.5°	1660.7	1641.6	1629.4	1618.1	1614.2	1610.1	1611.8	1611.1	1613.4	1612.2	1615.5
55°	1532.8	1523.8	1520.0	1515.8	1516.3	1515.3	1516.0	1512.0	1509.5	1506.4	1509.3
57.5°	1427.8	1426.6	1429.2	1431.0	1435.8	1437.5	1438.6	1433.9	1429.5	1425.4	1427.7
60°	1347.1	1349.0	1355.5	1360.6	1367.5	1370.7	1372.7	1370.0	1366.8	1363.5	1365.4
62.5°	1267.3	1270.4	1278.0	1283.8	1292.2	1296.6	1301.3	1301.6	1302.8	1301.6	1302.9
65°	1174.7	1178.5	1185.4	1190.3	1198.0	1201.8	1206.8	1207.7	1210.4	1209.7	1212.1
67.5°	1104.4	1107.8	1113.6	1118.2	1125.1	1129.1	1133.3	1133.6	1134.6	1134.4	1136.5
70°	1029.3	1031.0	1036.2	1040.0	1046.9	1051.0	1055.9	1057.4	1060.5	1061.0	1063.5
72.5°	949.3	948.5	951.7	953.4	958.6	961.7	968.1	971.5	976.6	978.0	979.9
75°	862.1	861.4	865.1	866.6	871.0	874.3	881.2	885.8	893.8	897.2	896.3
77.5°	761.2	763.0	769.9	773.7	779.7	783.7	792.9	800.2	814.8	821.2	814.7
80°	648.4	650.3	657.5	661.0	668.8	673.8	684.0	692.5	705.7	708.6	704.9
82.5°	509.8	510.4	516.7	519.5	529.5	536.8	549.9	556.6	564.8	563.6	562.5
85°	347.6	352.3	360.4	368.4	380.7	392.6	404.8	414.9	407.8	419.0	406.4
87.5°	185.8	185.3	196.1	194.4	211.7	221.7	232.4	237.4	243.1	241.9	242.0
90°	18.3	17.0	18.5	17.0	19.4	17.6	20.9	19.4	23.2	21.0	25.1
92.5°	5.3	5.4	5.3	5.4	5.3	5.4	5.3	5.3	5.3	5.3	5.3
95°	5.8	5.8	5.8	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
97.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.1	6.1	6.1
100°	6.9	6.9	6.9	6.9	6.7	6.7	6.7	6.7	6.7	6.7	6.7
102.5°	7.5	7.5	7.5	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
105°	8.1	8.1	8.0	8.0	7.9	7.9	7.9	7.9	7.9	7.9	7.9
107.5°	9.0	8.9	8.8	8.8	8.7	8.7	8.7	8.7	8.7	8.7	8.7
110°	9.9	9.8	9.6	9.6	9.5	9.4	9.4	9.4	9.4	9.4	9.4



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	11.1	10.7	10.6	10.5	10.3	10.3	10.2	10.2	10.2	10.2	10.2
115°	12.4	12.2	12.0	11.8	11.7	11.5	11.4	11.4	11.4	11.4	11.4
117.5°	14.2	13.8	13.6	13.3	13.0	12.9	12.9	12.9	12.7	12.9	12.9
120°	16.6	16.0	15.6	15.3	15.1	14.9	14.5	14.5	14.5	14.5	14.5
122.5°	19.3	18.6	18.2	17.8	17.4	17.1	17.0	17.0	17.0	17.0	17.0
125°	22.7	22.1	21.5	21.0	20.4	20.2	20.0	20.0	19.8	20.0	20.0
127.5°	27.0	26.3	25.4	25.0	24.3	24.0	23.9	23.7	23.7	23.9	23.9
130°	32.0	31.2	30.4	29.7	29.0	28.8	28.5	28.2	28.1	28.2	28.5
132.5°	37.7	36.9	36.1	35.3	34.7	34.3	33.8	33.8	33.7	33.8	33.9
135°	44.2	43.3	42.5	41.7	41.0	40.7	40.2	40.2	40.2	40.2	40.6
137.5°	51.2	50.5	49.5	48.9	48.2	47.9	47.4	47.2	47.2	47.4	47.8
140°	58.6	57.8	56.9	56.3	55.8	55.4	55.1	55.1	54.8	55.2	55.3
142.5°	66.0	65.4	64.6	64.1	63.4	63.2	63.0	63.0	62.7	63.1	63.4
145°	73.0	72.6	71.9	71.5	71.1	71.0	70.5	70.6	70.6	71.0	71.1
147.5°	80.1	79.8	79.3	79.0	78.5	78.5	78.3	78.4	78.4	78.6	78.7
150°	86.5	86.3	85.9	85.8	85.5	85.5	85.4	85.5	85.5	85.8	85.9
152.5°	91.9	91.9	91.6	91.6	91.5	91.6	91.6	91.9	92.0	92.2	92.3
155°	97.0	97.0	97.0	97.2	97.2	97.5	97.5	97.9	98.0	98.4	98.5
157.5°	101.7	101.9	101.9	102.3	102.5	102.7	102.9	103.3	103.4	104.0	104.2
160°	106.3	106.5	106.7	107.0	107.2	107.5	107.9	108.3	108.6	109.0	109.3
162.5°	110.8	111.1	111.2	111.4	111.8	112.1	112.4	112.9	113.2	113.7	114.0
165°	115.9	116.1	116.2	116.3	116.6	116.9	117.1	117.7	117.9	118.4	118.8
167.5°	121.5	121.6	121.5	121.6	121.7	122.0	122.0	122.4	122.7	123.2	123.4
170°	126.9	126.9	126.9	126.9	126.9	127.2	127.3	127.4	127.5	127.9	128.0
172.5°	131.9	131.9	131.7	131.9	131.7	131.9	131.9	132.1	132.1	132.2	132.2
175°	135.6	135.9	135.9	136.0	135.9	135.9	135.9	135.9	135.9	136.0	136.0
177.5°	138.5	138.6	138.6	138.6	138.6	138.7	138.7	138.7	138.7	138.6	138.6
180°	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2



TEST NUMBER: P1444833
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CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2
2.5°	33725.1	33708.2	33725.5	33708.0	33725.5	33704.5	33718.8	33696.0	33701.8	33678.2	33684.3
5°	35000.3	34973.4	34987.8	34952.8	34956.5	34909.9	34908.9	34854.6	34840.4	34778.5	34751.3
7.5°	36031.5	36022.7	36027.7	36005.1	36002.6	35970.7	35955.6	35910.6	35882.3	35825.4	35786.6
10°	35868.3	35894.5	35901.3	35928.2	35933.7	35960.2	35965.8	35992.4	35997.9	36017.5	36017.8
12.5°	34235.7	34325.0	34346.3	34456.5	34502.9	34629.2	34696.8	34835.8	34918.4	35057.0	35142.1
15°	31090.6	31245.1	31306.6	31521.9	31641.0	31892.4	32050.3	32338.9	32542.6	32849.1	33067.6
17.5°	26762.1	26977.8	27075.2	27367.2	27557.6	27928.6	28196.0	28636.1	28973.0	29462.0	29849.6
20°	21962.0	22201.8	22334.0	22667.0	22891.8	23325.2	23659.0	24199.9	24650.8	25270.5	25800.4
22.5°	17318.2	17546.4	17693.3	18032.1	18285.1	18737.2	19110.3	19681.0	20186.3	20884.6	21520.0
25°	13297.1	13506.3	13638.9	13945.4	14183.1	14598.5	14954.8	15503.7	15998.1	16698.5	17350.0
27.5°	10165.5	10340.6	10468.5	10729.9	10939.5	11291.8	11597.8	12051.5	12477.4	13083.5	13663.6
30°	7782.5	7937.8	8062.3	8289.9	8484.2	8789.6	9058.7	9439.8	9792.3	10274.5	10736.0
32.5°	5947.2	6080.9	6191.7	6390.9	6567.3	6842.3	7084.7	7418.7	7721.3	8130.3	8510.0
35°	4534.5	4797.5	4778.9	5053.7	5097.9	5295.3	5511.5	5803.6	6071.6	6419.3	6742.5
37.5°	3519.5	3593.5	3672.7	3794.2	3921.9	4101.4	4284.1	4641.0	4771.9	5034.7	5302.2
40°	2838.1	2888.1	2940.5	3022.5	3111.9	3238.4	3371.5	3541.7	3716.1	3929.2	4146.8
42.5°	2399.4	2427.7	2460.9	2509.2	2564.3	2644.6	2733.5	2849.0	2970.3	3120.3	3273.3
45°	2143.7	2130.3	2140.2	2166.1	2199.2	2248.1	2304.2	2375.7	2454.7	2551.9	2655.3
47.5°	1905.4	1910.8	1913.8	1927.9	1945.6	1978.3	2012.4	2060.9	2154.6	2183.1	2239.5
50°	1748.0	1750.6	1749.7	1756.9	1765.8	1787.1	1809.2	1842.0	1874.8	1918.4	1959.8
52.5°	1616.0	1619.7	1619.2	1624.0	1628.7	1642.2	1656.1	1679.3	1700.8	1728.5	1752.3
55°	1511.8	1516.9	1518.9	1522.8	1525.2	1532.2	1537.8	1548.9	1558.0	1573.6	1588.1
57.5°	1431.7	1438.6	1441.8	1443.2	1440.3	1440.0	1438.1	1440.5	1442.3	1450.8	1458.9
60°	1368.6	1374.2	1375.0	1374.2	1369.0	1365.3	1359.4	1357.5	1356.6	1360.6	1365.0
62.5°	1302.6	1304.6	1303.2	1301.6	1295.6	1292.1	1286.0	1283.7	1281.6	1284.5	1286.8
65°	1211.2	1213.0	1211.2	1210.2	1204.9	1202.1	1196.9	1195.2	1192.2	1193.0	1192.5
67.5°	1137.1	1138.8	1137.4	1136.0	1132.3	1130.6	1126.8	1124.3	1120.8	1119.4	1116.9
70°	1063.1	1064.5	1062.4	1061.0	1056.8	1055.2	1051.6	1050.9	1048.0	1047.4	1044.6
72.5°	978.0	978.1	975.2	974.3	971.2	971.1	969.7	971.1	970.9	972.4	971.7
75°	891.0	889.8	886.1	885.4	883.1	884.2	882.6	884.7	885.0	888.1	888.5
77.5°	803.8	799.3	792.3	788.9	784.3	783.6	780.9	782.8	782.1	785.8	787.3
80°	693.8	688.2	679.2	674.9	669.3	668.5	665.9	668.5	667.2	671.5	674.6
82.5°	553.9	549.1	539.7	536.3	529.8	530.5	527.7	530.5	530.1	536.4	540.2
85°	409.7	406.5	396.9	388.3	378.8	373.3	367.9	366.9	365.3	367.9	370.0
87.5°	236.6	233.7	226.1	221.2	204.6	205.2	198.7	198.3	196.8	195.3	198.7
90°	22.7	25.9	23.9	26.6	25.1	28.5	27.3	30.5	28.2	31.0	29.5
92.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.0	5.3
95°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
97.5°	6.3	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.3	6.3	6.3
100°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.9	6.9	6.9
102.5°	7.3	7.3	7.3	7.3	7.5	7.5	7.5	7.5	7.5	7.5	7.5
105°	7.9	7.9	8.0	8.0	8.0	8.0	8.1	8.1	8.3	8.3	8.5
107.5°	8.7	8.7	8.7	8.8	8.8	8.9	8.9	9.0	9.1	9.4	9.5
110°	9.4	9.5	9.5	9.6	9.6	9.8	9.9	10.2	10.3	10.5	10.7



TEST NUMBER: P1444833
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CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	10.3	10.3	10.5	10.6	10.7	11.0	11.1	11.4	11.7	12.0	12.4
115°	11.5	11.5	11.7	11.8	12.1	12.2	12.7	12.9	13.4	13.8	14.3
117.5°	12.9	13.0	13.3	13.4	13.7	14.2	14.5	15.1	15.6	16.0	16.8
120°	14.9	15.1	15.3	15.5	15.9	16.3	17.0	17.5	18.3	19.0	19.8
122.5°	17.1	17.4	17.8	18.2	18.6	19.3	20.0	20.8	21.6	22.5	23.5
125°	20.2	20.6	21.0	21.5	22.3	22.9	23.9	24.7	25.7	26.6	27.8
127.5°	24.2	24.6	25.1	25.7	26.6	27.3	28.2	29.2	30.4	31.5	32.7
130°	28.9	29.3	30.1	30.7	31.8	32.6	33.5	34.6	36.0	36.9	38.3
132.5°	34.6	35.0	35.8	36.5	37.5	38.5	39.8	40.7	42.0	43.0	44.3
135°	41.0	41.5	42.3	43.0	44.2	45.1	46.3	47.2	48.6	49.7	51.0
137.5°	48.3	48.7	49.5	50.2	51.3	52.2	53.5	54.4	55.5	56.6	57.8
140°	55.9	56.3	57.1	57.9	58.8	59.6	60.8	61.8	63.0	63.8	64.8
142.5°	63.9	64.2	64.9	65.7	66.5	67.3	68.3	69.0	70.0	70.7	71.9
145°	71.6	71.9	72.7	73.2	74.0	74.7	75.6	76.3	77.1	77.8	78.6
147.5°	79.3	79.7	80.2	80.9	81.6	82.2	82.8	83.5	84.3	85.0	85.7
150°	86.5	86.7	87.3	87.7	88.4	89.0	89.7	90.3	90.8	91.4	92.0
152.5°	93.0	93.2	93.7	94.1	94.7	95.2	95.7	96.3	96.9	97.3	97.9
155°	98.8	99.4	99.9	100.2	100.9	101.1	101.7	102.1	102.7	103.2	103.8
157.5°	104.7	104.9	105.6	105.8	106.4	106.8	107.2	107.6	108.3	108.6	109.1
160°	109.7	110.2	110.6	111.1	111.6	112.0	112.4	112.9	113.5	113.8	114.3
162.5°	114.6	115.1	115.5	115.9	116.4	116.9	117.3	117.8	118.4	118.6	119.3
165°	119.3	119.6	120.3	120.5	121.1	121.6	122.0	122.4	122.8	123.3	123.7
167.5°	123.9	124.2	124.8	125.2	125.7	126.1	126.5	126.9	127.4	127.6	128.1
170°	128.4	128.8	129.1	129.5	129.9	130.2	130.6	130.9	131.4	131.5	132.1
172.5°	132.5	132.7	132.9	133.0	133.3	133.7	134.0	134.1	134.4	134.7	134.9
175°	136.0	136.0	136.1	136.3	136.4	136.4	136.5	136.8	136.9	137.0	137.1
177.5°	138.6	138.6	138.6	138.6	138.6	138.6	138.6	138.6	138.6	138.6	138.6
180°	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2



TEST NUMBER: P1444833
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CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2
2.5°	33660.7	33662.2	33635.0	33633.5	33608.1	33604.9	33580.1	33572.6	33552.5	33545.2	33524.7
5°	34682.0	34648.9	34572.4	34527.5	34452.0	34401.9	34320.2	34266.9	34188.0	34128.6	34049.2
7.5°	35714.8	35663.5	35577.7	35508.2	35403.4	35319.7	35197.1	35096.6	34963.8	34848.9	34709.4
10°	36017.8	36009.9	35988.0	35956.1	35907.4	35852.6	35769.1	35682.1	35565.7	35439.3	35284.2
12.5°	35272.4	35352.9	35462.6	35527.7	35606.8	35641.5	35673.9	35665.8	35644.5	35580.5	35490.9
15°	33384.3	33610.5	33909.9	34142.0	34409.0	34603.1	34817.4	34951.0	35084.1	35145.6	35183.2
17.5°	30380.8	30809.1	31346.1	31791.0	32304.4	32716.9	33168.9	33509.2	33859.2	34110.0	34336.7
20°	26522.8	27143.2	27902.7	28573.6	29353.7	30031.7	30774.6	31384.5	32013.5	32505.3	32970.8
22.5°	22338.2	23075.0	23993.2	24843.7	25849.4	26753.3	27773.0	28660.6	29587.3	30361.6	31110.1
25°	18223.3	19031.4	20035.3	20984.2	22123.2	23174.6	24384.1	25490.2	26688.0	27727.8	28755.1
27.5°	14465.8	15259.1	16284.1	17294.2	18498.7	19619.0	20914.8	22133.5	23497.3	24754.9	26041.5
30°	11377.4	12050.4	12969.4	13947.9	15135.7	16275.8	17585.6	18839.0	20257.8	21630.9	23080.1
32.5°	9014.0	9526.6	10249.2	11076.5	12172.6	13257.8	14505.1	15715.0	17112.2	18499.3	20006.4
35°	7158.8	7558.6	8109.5	8755.1	9683.3	10618.8	11722.0	12822.3	14125.8	15442.1	16907.0
37.5°	5645.1	5969.5	6401.0	6886.0	7630.5	8398.1	9302.8	10215.0	11347.6	12514.4	13842.0
40°	4408.2	4670.9	5006.8	5368.4	5930.6	6522.2	7221.7	7929.1	8839.1	9792.7	10891.5
42.5°	3463.0	3656.8	3894.0	4158.3	4682.8	4996.9	5471.3	5982.9	6651.9	7344.2	8170.3
45°	2781.1	2913.3	3077.8	3255.1	3498.5	3764.9	4089.8	4430.5	5066.0	5377.7	5880.2
47.5°	2322.5	2411.2	2515.9	2627.6	2771.2	2926.1	3118.8	3315.8	3570.6	3834.7	4144.2
50°	2013.7	2103.8	2139.8	2197.7	2280.8	2369.3	2477.9	2586.5	2723.2	2861.6	3021.0
52.5°	1784.4	1813.7	1852.9	1889.7	1941.2	2041.9	2074.5	2131.2	2207.9	2282.8	2366.6
55°	1609.3	1628.5	1653.9	1676.1	1707.2	1737.0	1779.9	1817.7	1868.8	1914.0	1969.6
57.5°	1473.0	1485.3	1502.9	1517.5	1537.6	1554.5	1579.6	1600.1	1629.4	1655.0	1688.7
60°	1374.1	1382.2	1394.0	1403.5	1416.4	1425.1	1437.6	1447.2	1462.8	1475.7	1494.5
62.5°	1293.2	1297.4	1305.1	1310.7	1318.8	1323.3	1330.0	1334.2	1342.7	1349.2	1359.7
65°	1196.1	1197.2	1202.4	1204.7	1211.1	1213.5	1218.9	1220.8	1227.9	1232.8	1242.0
67.5°	1116.7	1114.4	1114.6	1112.8	1113.6	1111.7	1112.2	1110.2	1113.1	1114.6	1121.6
70°	1044.1	1041.0	1040.0	1036.6	1035.7	1032.3	1031.2	1028.2	1027.8	1026.8	1029.3
72.5°	973.4	972.5	972.7	970.4	970.1	967.8	967.9	966.5	968.1	968.8	972.0
75°	892.1	892.2	893.8	891.8	892.3	890.4	891.1	889.3	890.3	889.9	893.1
77.5°	793.0	795.3	799.6	798.8	800.2	798.0	798.9	796.4	797.1	795.3	796.6
80°	681.7	686.6	692.4	692.1	694.6	693.1	695.2	692.8	693.8	690.8	690.1
82.5°	549.5	553.7	559.8	560.1	565.5	566.4	572.5	572.3	576.1	573.6	571.9
85°	375.6	378.4	383.9	386.9	392.4	395.9	401.7	404.1	399.9	407.5	401.4
87.5°	196.1	203.5	199.4	208.9	206.6	216.2	214.2	223.0	221.4	229.0	228.0
90°	33.5	32.6	36.9	36.3	41.8	42.0	47.8	47.4	52.9	52.8	58.4
92.5°	5.0	5.3	5.3	5.3	5.3	5.4	5.3	5.3	5.3	5.4	5.3
95°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.8	5.8	5.8	5.8
97.5°	6.3	6.3	6.3	6.3	6.4	6.4	6.4	6.4	6.4	6.5	6.5
100°	6.9	7.1	7.1	7.1	7.2	7.2	7.3	7.3	7.5	7.5	7.5
102.5°	7.7	7.7	7.9	8.0	8.0	8.1	8.3	8.5	8.5	8.7	8.7
105°	8.7	8.8	8.9	9.0	9.1	9.5	9.6	9.8	9.9	10.2	10.2
107.5°	9.8	9.9	10.2	10.3	10.6	11.0	11.3	11.4	11.7	11.8	12.0
110°	11.1	11.4	11.7	12.1	12.4	12.9	13.0	13.4	13.7	14.0	14.2



TEST NUMBER: P1444833
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CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	12.7	13.3	13.6	14.2	14.5	15.1	15.5	15.9	16.2	16.7	17.0
115°	14.9	15.5	16.0	16.7	17.1	17.8	18.3	18.7	19.3	19.8	20.0
117.5°	17.4	18.3	18.7	19.8	20.2	21.0	21.6	22.3	22.7	23.2	23.7
120°	20.6	21.5	22.4	23.2	23.9	24.7	25.4	26.2	26.6	27.3	27.8
122.5°	24.3	25.4	26.3	27.3	28.0	28.9	29.6	30.5	31.1	31.9	32.3
125°	28.8	29.7	30.7	31.9	32.7	33.7	34.5	35.3	36.1	36.9	37.5
127.5°	33.7	34.9	36.0	37.1	37.9	39.0	39.8	40.7	41.5	42.3	43.0
130°	39.2	40.6	41.6	42.6	43.4	44.7	45.5	46.4	47.2	48.2	49.0
132.5°	45.5	46.6	47.5	48.7	49.7	50.6	51.5	52.5	53.2	54.3	55.2
135°	52.0	53.1	53.9	55.2	55.9	56.9	57.8	58.8	59.5	60.7	61.5
137.5°	58.6	59.9	60.7	61.8	62.4	63.4	64.2	65.2	66.0	67.0	67.7
140°	65.7	66.7	67.4	68.4	69.1	70.0	70.7	71.6	72.3	73.2	73.8
142.5°	72.7	73.6	74.2	75.2	75.8	76.7	77.1	77.9	78.6	79.4	80.0
145°	79.4	80.2	80.9	81.6	82.0	82.8	83.3	84.0	84.4	85.2	85.7
147.5°	86.3	87.0	87.4	88.1	88.4	89.2	89.5	90.0	90.5	90.8	91.2
150°	92.4	93.2	93.5	94.1	94.5	95.0	95.3	95.7	96.0	96.3	96.6
152.5°	98.4	98.8	99.2	99.6	100.0	100.3	100.5	101.0	101.1	101.3	101.5
155°	104.1	104.7	104.9	105.5	105.6	105.9	105.9	106.3	106.4	106.5	106.5
157.5°	109.5	110.0	110.4	110.6	110.9	111.2	111.3	111.6	111.6	111.8	111.8
160°	114.7	115.1	115.4	115.7	116.1	116.2	116.3	116.6	116.7	116.7	116.7
162.5°	119.5	120.0	120.3	120.5	120.8	121.1	121.2	121.5	121.6	121.7	121.7
165°	124.1	124.5	124.8	125.2	125.3	125.7	125.8	126.1	126.1	126.2	126.2
167.5°	128.4	128.8	129.1	129.5	129.6	129.9	130.0	130.3	130.3	130.5	130.5
170°	132.2	132.5	132.9	133.0	133.2	133.3	133.6	133.7	133.7	133.8	133.8
172.5°	135.2	135.5	135.5	135.6	135.6	135.9	136.0	136.0	136.1	136.1	136.1
175°	137.1	137.2	137.5	137.5	137.5	137.6	137.6	137.6	137.6	137.6	137.6
177.5°	138.6	138.6	138.6	138.5	138.5	138.5	138.5	138.5	138.5	138.5	138.3
180°	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2



TEST NUMBER: P1444833
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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2	33308.2
2.5°	33517.3	33502.8	33493.4	33481.5	33474.2	33464.9	33458.1	33452.3	33447.7	33443.3	33440.1
5°	33988.7	33913.8	33855.6	33792.6	33740.9	33689.3	33649.6	33616.7	33593.9	33576.9	33566.7
7.5°	34588.7	34451.6	34329.6	34201.3	34086.2	33973.0	33875.5	33791.4	33728.4	33687.5	33662.7
10°	35124.6	34941.1	34759.5	34568.4	34387.1	34211.4	34049.2	33906.5	33793.6	33718.5	33674.7
12.5°	35364.9	35208.5	35023.1	34815.5	34593.5	34368.8	34149.7	33952.2	33786.5	33675.3	33611.1
15°	35153.3	35089.0	34963.3	34802.2	34591.4	34359.2	34102.0	33860.3	33638.0	33493.8	33410.2
17.5°	34465.1	34554.7	34545.0	34483.5	34332.0	34136.4	33874.4	33603.0	33324.8	33132.1	33026.8
20°	33303.7	33585.5	33728.4	33801.7	33742.2	33615.4	33378.2	33102.6	32778.5	32526.9	32373.3
22.5°	31671.7	32169.0	32478.9	32705.8	32753.9	32710.7	32501.2	32239.1	31877.8	31575.3	31348.6
25°	29570.6	30299.3	30789.1	31173.2	31322.3	31360.9	31182.5	30922.0	30519.2	30166.9	29855.4
27.5°	27096.0	28042.8	28696.7	29212.8	29445.7	29546.7	29382.6	29116.7	28640.3	28219.6	27812.8
30°	24310.0	25433.3	26220.7	26839.4	27123.4	27256.8	27082.5	26785.7	26231.2	25725.2	25212.6
32.5°	21328.1	22557.3	23415.3	24087.2	24368.6	24494.2	24266.1	23932.9	23291.9	22695.6	22098.0
35°	18206.0	19446.7	20312.1	20966.1	21201.8	21277.6	20986.0	20600.7	19890.6	19236.2	18584.5
37.5°	15020.5	16174.8	16961.2	17548.2	17694.1	17707.1	17355.8	16930.3	16184.0	15538.7	14889.9
40°	11862.4	12835.8	13470.8	13940.7	13991.3	13946.1	13564.1	13135.9	12437.7	11859.7	11290.1
42.5°	8887.6	9622.5	10075.5	10397.4	10378.3	10289.1	9938.9	9570.7	8994.8	8554.5	8106.2
45°	6339.1	6823.7	7088.5	7276.9	7216.4	7131.4	6858.8	6600.8	6209.3	5925.0	5623.7
47.5°	4403.9	4982.4	4881.7	5250.1	4932.7	5142.3	4705.8	4465.2	4257.4	4106.3	3936.1
50°	3152.8	3285.4	3349.5	3393.1	3369.9	3337.7	3259.3	3189.2	3094.3	3025.1	2944.5
52.5°	2434.9	2501.1	2537.4	2563.7	2558.5	2546.7	2512.6	2481.3	2436.9	2407.7	2372.3
55°	2062.4	2063.4	2130.1	2101.5	2143.8	2094.2	2113.7	2058.8	2067.7	2020.6	1988.8
57.5°	1713.8	1741.0	1753.2	1765.0	1761.6	1759.6	1746.4	1739.7	1724.8	1720.2	1709.6
60°	1507.5	1521.7	1524.6	1530.1	1525.5	1523.8	1513.5	1509.7	1499.8	1497.9	1490.8
62.5°	1366.1	1373.3	1373.3	1373.3	1367.4	1361.7	1350.2	1344.2	1335.7	1333.8	1329.7
65°	1248.0	1255.6	1256.8	1258.4	1254.1	1249.6	1239.5	1232.9	1224.2	1220.8	1216.2
67.5°	1126.2	1134.2	1136.9	1141.0	1138.6	1137.6	1130.7	1128.1	1122.4	1121.0	1116.7
70°	1030.5	1033.8	1033.6	1033.5	1028.1	1023.2	1015.2	1011.4	1005.3	1004.1	1000.1
72.5°	973.6	976.0	974.5	972.4	965.4	958.2	948.8	941.9	934.0	929.0	923.4
75°	893.4	896.6	894.6	893.3	886.9	882.3	874.7	870.9	865.3	863.7	859.9
77.5°	795.1	796.6	793.4	793.0	788.2	785.2	779.5	778.6	774.5	774.6	770.9
80°	685.6	684.8	679.5	678.6	673.8	672.6	668.1	668.4	665.1	666.5	663.9
82.5°	564.1	561.0	554.2	552.3	546.7	546.2	543.2	545.8	543.8	546.7	545.0
85°	404.2	405.2	402.2	402.2	400.6	401.1	400.8	402.7	402.9	405.6	405.5
87.5°	225.4	228.6	228.0	231.0	230.9	234.2	235.2	240.2	240.8	245.4	245.4
90°	58.2	64.3	64.1	70.2	70.5	76.4	77.5	83.5	83.9	89.2	88.6
92.5°	5.3	5.3	5.4	5.3	5.3	5.0	5.6	5.0	5.3	5.0	5.0
95°	5.8	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.7	5.7	5.7
97.5°	6.5	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.4	6.4	6.4
100°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.3	7.3
102.5°	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.7	8.7	8.7	8.7
105°	10.2	10.2	10.3	10.3	10.3	10.3	10.3	10.2	10.2	10.2	10.2
107.5°	12.1	12.1	12.2	12.2	12.4	12.4	12.4	12.2	12.4	12.2	12.2
110°	14.4	14.5	14.7	14.7	14.9	14.9	14.9	14.9	15.1	14.9	14.9



TEST NUMBER: P1444833
 CATALOG NUMBER: EHBR1-42-UNV-TA-L940

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	17.1	17.4	17.6	17.6	17.9	17.9	18.2	18.2	18.3	18.2	18.3
115°	20.4	20.8	21.0	21.1	21.5	21.6	21.9	21.9	22.1	22.1	22.1
117.5°	24.2	24.6	25.0	25.3	25.5	25.8	26.2	26.3	26.5	26.5	26.6
120°	28.2	28.8	29.3	29.7	30.3	30.5	31.0	31.1	31.4	31.4	31.5
122.5°	33.1	33.5	34.3	34.7	35.3	35.8	36.1	36.5	36.8	36.8	36.9
125°	38.4	39.0	39.8	40.2	41.0	41.5	42.0	42.2	42.6	42.6	42.7
127.5°	44.0	44.7	45.6	46.2	47.0	47.4	48.0	48.3	48.7	48.7	48.9
130°	49.8	50.6	51.6	52.4	53.1	53.7	54.4	54.7	55.2	55.2	55.3
132.5°	56.2	56.9	57.9	58.6	59.5	60.1	60.8	61.1	61.6	61.6	61.8
135°	62.4	63.2	64.2	64.9	65.8	66.5	67.2	67.5	68.0	68.0	68.1
137.5°	68.8	69.5	70.3	71.1	71.9	72.6	73.2	73.6	74.0	74.2	74.2
140°	74.8	75.5	76.4	77.0	77.8	78.4	79.0	79.4	79.8	79.8	80.0
142.5°	80.8	81.2	82.2	82.7	83.3	83.8	84.3	84.7	85.1	85.2	85.2
145°	86.3	86.6	87.4	87.9	88.4	88.8	89.3	89.6	89.7	89.7	89.9
147.5°	91.9	92.0	92.4	92.8	93.4	93.7	93.9	94.1	94.5	94.5	94.5
150°	96.9	97.0	97.3	97.5	97.7	97.9	98.0	98.3	98.4	98.3	98.3
152.5°	101.5	101.7	101.8	101.8	101.9	101.9	101.9	101.8	101.8	101.7	101.5
155°	106.7	106.7	106.7	106.5	106.7	106.5	106.4	106.3	106.0	105.8	105.6
157.5°	111.8	111.6	111.8	111.6	111.4	111.3	111.2	110.8	110.6	110.2	109.8
160°	116.9	116.7	116.7	116.6	116.4	116.2	116.1	115.5	115.3	114.8	114.4
162.5°	121.7	121.7	121.6	121.5	121.2	121.1	120.8	120.4	120.1	119.6	119.3
165°	126.4	126.2	126.2	126.1	126.0	125.7	125.6	125.0	124.8	124.3	123.9
167.5°	130.5	130.5	130.3	130.2	130.0	129.9	129.6	129.2	129.0	128.5	128.3
170°	133.8	133.7	133.7	133.6	133.3	133.2	132.9	132.7	132.3	132.1	131.7
172.5°	136.0	136.0	135.9	135.6	135.6	135.6	135.3	135.2	134.8	134.5	134.4
175°	137.5	137.5	137.2	137.2	137.1	137.0	136.9	136.8	136.5	136.4	136.1
177.5°	138.3	138.3	138.2	138.2	138.0	138.0	137.9	137.8	137.8	137.6	137.5
180°	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2



TEST NUMBER: P1444833
 CATALOG NUMBER: EHBR1-42-UNV-TA-L940

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	33308.2	33308.2
2.5°	33437.1	33435.5
5°	33561.4	33559.5
7.5°	33656.0	33655.4
10°	33667.2	33672.9
12.5°	33600.0	33604.6
15°	33403.8	33413.0
17.5°	33028.8	33040.8
20°	32382.7	32395.2
22.5°	31336.4	31341.6
25°	29815.2	29793.6
27.5°	27741.3	27704.2
30°	25105.0	25069.0
32.5°	21961.7	21939.2
35°	18423.4	18409.2
37.5°	14698.2	14669.3
40°	11081.8	10997.6
42.5°	7910.0	7762.2
45°	5466.4	5291.3
47.5°	3816.1	3707.9
50°	2892.6	2857.6
52.5°	2356.9	2348.8
55°	1988.7	1985.1
57.5°	1711.9	1710.7
60°	1494.5	1494.2
62.5°	1332.4	1333.1
65°	1218.3	1218.5
67.5°	1117.8	1117.0
70°	1001.6	1000.8
72.5°	921.7	920.3
75°	859.9	859.1
77.5°	772.1	770.7
80°	665.6	663.9
82.5°	547.4	545.5
85°	408.3	408.4
87.5°	249.9	249.7
90°	93.5	92.4
92.5°	5.3	5.6
95°	5.7	5.7
97.5°	6.4	6.4
100°	7.3	7.3
102.5°	8.7	8.7
105°	10.2	10.2
107.5°	12.2	12.2
110°	14.9	14.9



TEST NUMBER: P1444833
CATALOG NUMBER: EHBR1-42-UNV-TA-L940

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	18.2	18.2
115°	21.9	21.9
117.5°	26.5	26.3
120°	31.2	31.2
122.5°	36.7	36.5
125°	42.5	42.3
127.5°	48.6	48.4
130°	54.8	54.7
132.5°	61.5	61.1
135°	67.7	67.5
137.5°	73.8	73.6
140°	79.7	79.4
142.5°	85.1	84.8
145°	89.7	89.5
147.5°	93.9	93.8
150°	97.9	97.6
152.5°	101.1	100.9
155°	105.1	104.7
157.5°	109.3	108.9
160°	113.8	113.5
162.5°	118.6	118.2
165°	123.3	122.8
167.5°	127.6	127.4
170°	131.4	131.1
172.5°	134.1	133.8
175°	136.0	135.9
177.5°	137.5	137.2
180°	138.2	138.2

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-7

Test Date: 08/04/2025

Luminaire Tested: EHBR-60-L940-N

Data in this report applies to families of products including EHBR-60-L940-N

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-472-7
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 08/05/2025
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: Metalux
 Catalog Number: **EHBR-60-L940-N**
 Description: Elevate Round Highbay at, 60000 lumens, 4000K 90CRI LEDs with N lens

Spectral Parameters

CCT (K): 3963
 CIE u': 0.2267
 CIE v': 0.5003
 Duv: -0.0016
 CIE x: 0.3810
 CIE y: 0.3738
 CIE z: 0.2453
 Peak Wavelength (nm): 630
 Dominant Wavelength (nm): 580
 Purity: 26.49712
 Rf: 90.7
 Rg: 101

CRI (Ra):	93.4		
R1:	95.2	R9:	66.4
R2:	95.1	R10:	86.6
R3:	93.3	R11:	94.4
R4:	94.5	R12:	75.4
R5:	94.2	R13:	95.0
R6:	92.9	R14:	95.4
R7:	94.0	R15:	92.8
R8:	87.7		



Test Conditions

Stabilization Time: 44M
 Operation Time: 1H 44M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2506-472-7

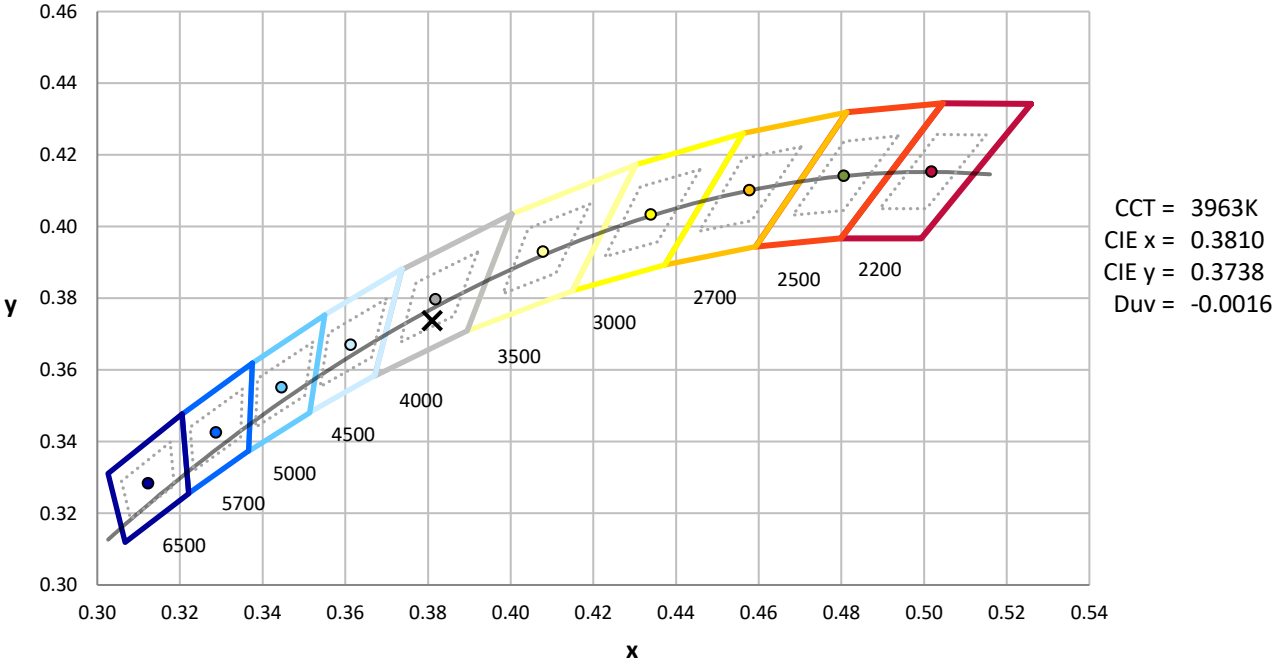
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	10/22/2024	10/22/2025
Sphere Thermometer	ONSET IN0085	10/22/2024	10/22/2025
Room Thermometer	ONSET IN0046	10/22/2024	10/22/2025

REPORT NUMBER: SP1-2506-472-7

CIE 1931 Chromaticity Diagram



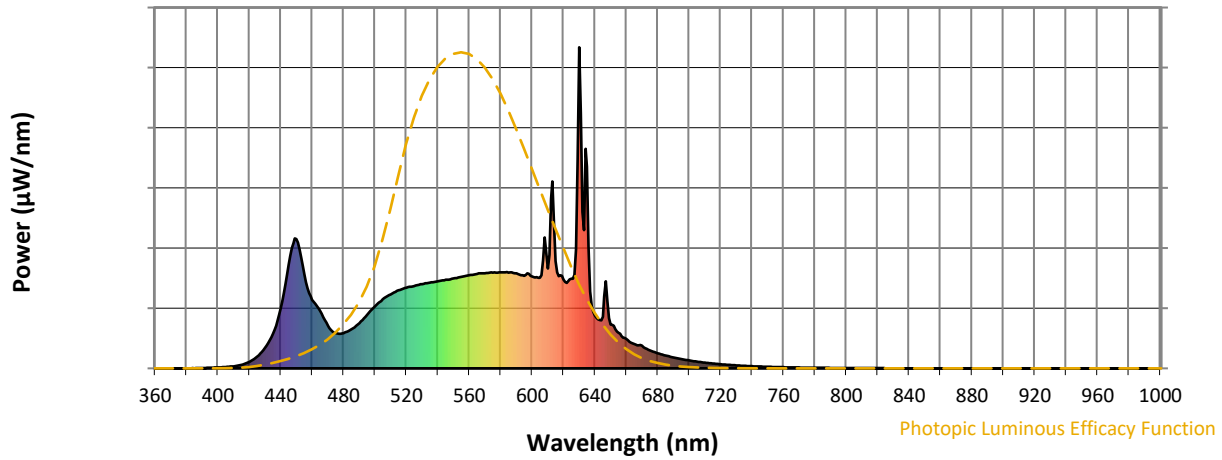
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

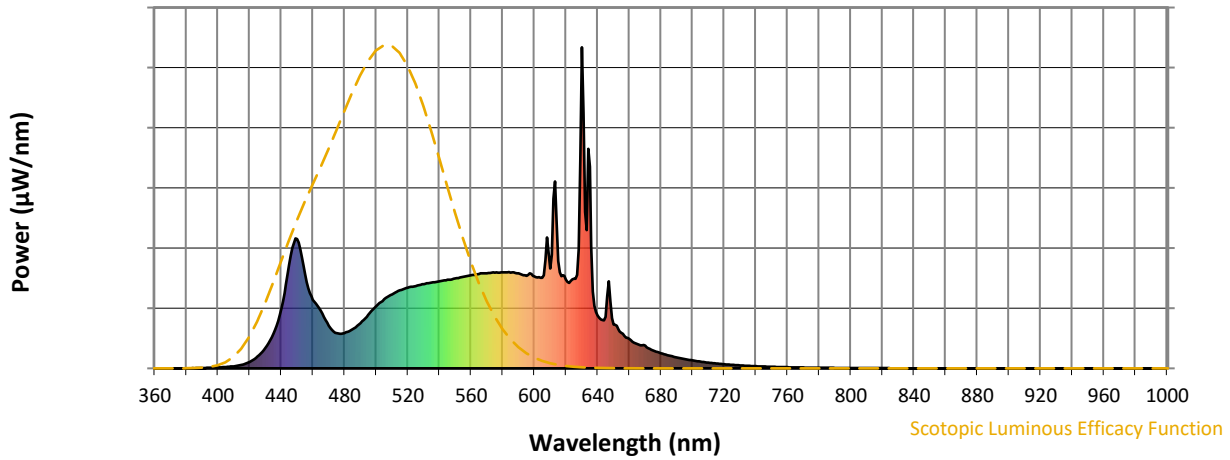


Photopic Lumens: NR

λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)
360	0	NR	490	141	NR	620	276	NR	750	5	NR	880	0	NR
365	0	NR	495	167	NR	625	279	NR	755	4	NR	885	0	NR
370	0	NR	500	193	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	215	NR	635	628	NR	765	3	NR	895	0	NR
380	0	NR	510	230	NR	640	164	NR	770	3	NR	900	0	NR
385	0	NR	515	243	NR	645	161	NR	775	2	NR	905	0	NR
390	1	NR	520	251	NR	650	137	NR	780	2	NR	910	0	NR
395	2	NR	525	256	NR	655	111	NR	785	2	NR	915	0	NR
400	3	NR	530	262	NR	660	92	NR	790	1	NR	920	0	NR
405	4	NR	535	267	NR	665	76	NR	795	1	NR	925	0	NR
410	6	NR	540	271	NR	670	71	NR	800	1	NR	930	0	NR
415	11	NR	545	276	NR	675	56	NR	805	1	NR	935	0	NR
420	20	NR	550	280	NR	680	47	NR	810	1	NR	940	0	NR
425	37	NR	555	285	NR	685	40	NR	815	1	NR	945	0	NR
430	63	NR	560	290	NR	690	34	NR	820	1	NR	950	0	NR
435	108	NR	565	294	NR	695	29	NR	825	1	NR	955	0	NR
440	186	NR	570	296	NR	700	25	NR	830	0	NR	960	0	NR
445	323	NR	575	298	NR	705	21	NR	835	0	NR	965	0	NR
450	403	NR	580	299	NR	710	18	NR	840	0	NR	970	0	NR
455	293	NR	585	298	NR	715	15	NR	845	0	NR	975	0	NR
460	214	NR	590	296	NR	720	13	NR	850	0	NR	980	0	NR
465	180	NR	595	288	NR	725	11	NR	855	0	NR	985	0	NR
470	132	NR	600	286	NR	730	9	NR	860	0	NR	990	0	NR
475	109	NR	605	282	NR	735	8	NR	865	0	NR	995	0	NR
480	110	NR	610	311	NR	740	7	NR	870	0	NR	1000	0	NR
485	121	NR	615	334	NR	745	6	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



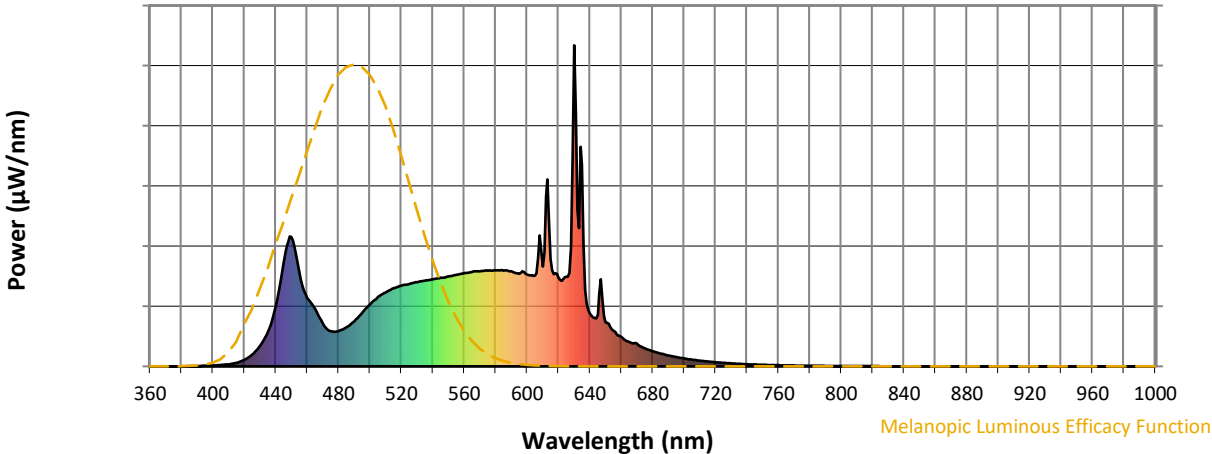
Scotopic Lumens: NR

S/P: 1.76

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	141	NR	620	276	NR	750	5	NR	880	0	NR
365	0	NR	495	167	NR	625	279	NR	755	4	NR	885	0	NR
370	0	NR	500	193	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	215	NR	635	628	NR	765	3	NR	895	0	NR
380	0	NR	510	230	NR	640	164	NR	770	3	NR	900	0	NR
385	0	NR	515	243	NR	645	161	NR	775	2	NR	905	0	NR
390	1	NR	520	251	NR	650	137	NR	780	2	NR	910	0	NR
395	2	NR	525	256	NR	655	111	NR	785	2	NR	915	0	NR
400	3	NR	530	262	NR	660	92	NR	790	1	NR	920	0	NR
405	4	NR	535	267	NR	665	76	NR	795	1	NR	925	0	NR
410	6	NR	540	271	NR	670	71	NR	800	1	NR	930	0	NR
415	11	NR	545	276	NR	675	56	NR	805	1	NR	935	0	NR
420	20	NR	550	280	NR	680	47	NR	810	1	NR	940	0	NR
425	37	NR	555	285	NR	685	40	NR	815	1	NR	945	0	NR
430	63	NR	560	290	NR	690	34	NR	820	1	NR	950	0	NR
435	108	NR	565	294	NR	695	29	NR	825	1	NR	955	0	NR
440	186	NR	570	296	NR	700	25	NR	830	0	NR	960	0	NR
445	323	NR	575	298	NR	705	21	NR	835	0	NR	965	0	NR
450	403	NR	580	299	NR	710	18	NR	840	0	NR	970	0	NR
455	293	NR	585	298	NR	715	15	NR	845	0	NR	975	0	NR
460	214	NR	590	296	NR	720	13	NR	850	0	NR	980	0	NR
465	180	NR	595	288	NR	725	11	NR	855	0	NR	985	0	NR
470	132	NR	600	286	NR	730	9	NR	860	0	NR	990	0	NR
475	109	NR	605	282	NR	735	8	NR	865	0	NR	995	0	NR
480	110	NR	610	311	NR	740	7	NR	870	0	NR	1000	0	NR
485	121	NR	615	334	NR	745	6	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-7

Melanopic Flux vs. Wavelength

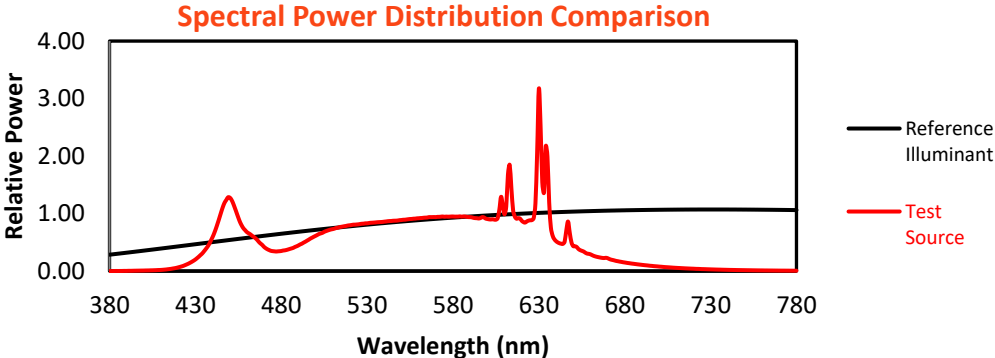


Melanopic Lumens: NR M/P: 3.64

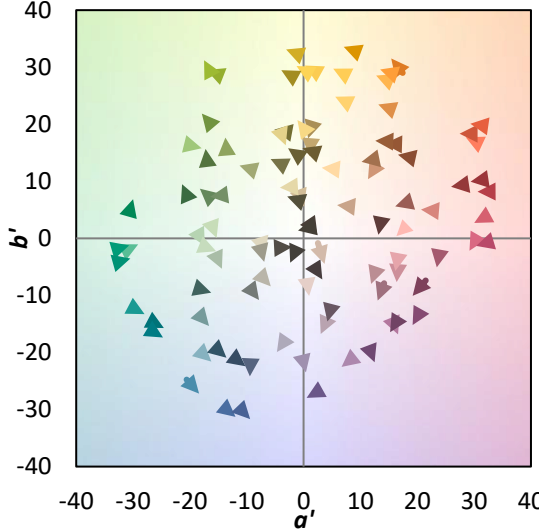
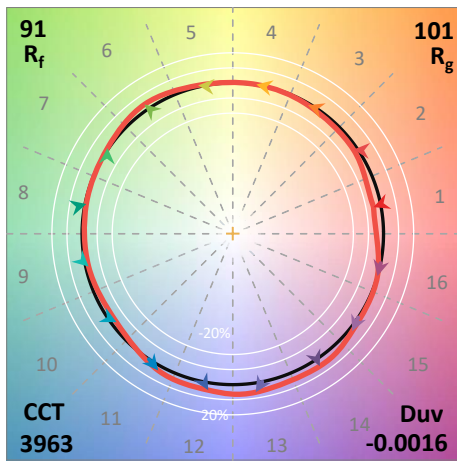
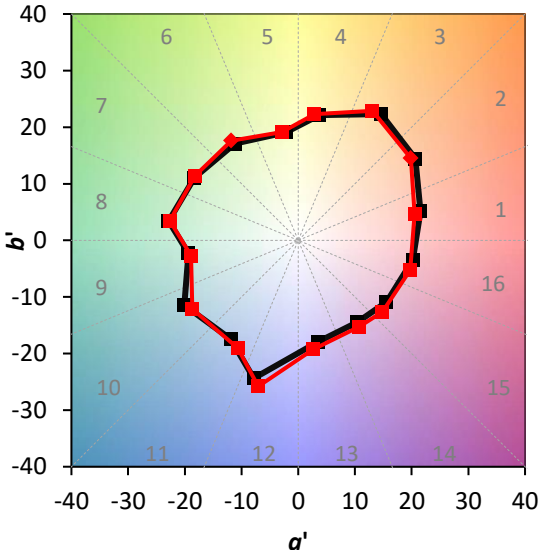
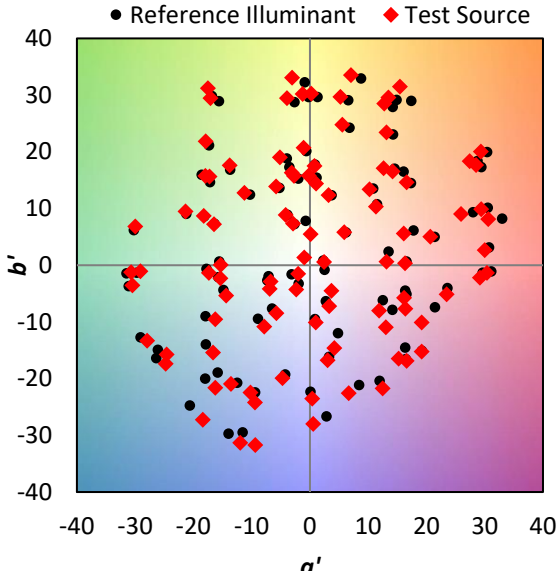
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	141	NR	620	276	NR	750	5	NR	880	0	NR
365	0	NR	495	167	NR	625	279	NR	755	4	NR	885	0	NR
370	0	NR	500	193	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	215	NR	635	628	NR	765	3	NR	895	0	NR
380	0	NR	510	230	NR	640	164	NR	770	3	NR	900	0	NR
385	0	NR	515	243	NR	645	161	NR	775	2	NR	905	0	NR
390	1	NR	520	251	NR	650	137	NR	780	2	NR	910	0	NR
395	2	NR	525	256	NR	655	111	NR	785	2	NR	915	0	NR
400	3	NR	530	262	NR	660	92	NR	790	1	NR	920	0	NR
405	4	NR	535	267	NR	665	76	NR	795	1	NR	925	0	NR
410	6	NR	540	271	NR	670	71	NR	800	1	NR	930	0	NR
415	11	NR	545	276	NR	675	56	NR	805	1	NR	935	0	NR
420	20	NR	550	280	NR	680	47	NR	810	1	NR	940	0	NR
425	37	NR	555	285	NR	685	40	NR	815	1	NR	945	0	NR
430	63	NR	560	290	NR	690	34	NR	820	1	NR	950	0	NR
435	108	NR	565	294	NR	695	29	NR	825	1	NR	955	0	NR
440	186	NR	570	296	NR	700	25	NR	830	0	NR	960	0	NR
445	323	NR	575	298	NR	705	21	NR	835	0	NR	965	0	NR
450	403	NR	580	299	NR	710	18	NR	840	0	NR	970	0	NR
455	293	NR	585	298	NR	715	15	NR	845	0	NR	975	0	NR
460	214	NR	590	296	NR	720	13	NR	850	0	NR	980	0	NR
465	180	NR	595	288	NR	725	11	NR	855	0	NR	985	0	NR
470	132	NR	600	286	NR	730	9	NR	860	0	NR	990	0	NR
475	109	NR	605	282	NR	735	8	NR	865	0	NR	995	0	NR
480	110	NR	610	311	NR	740	7	NR	870	0	NR	1000	0	NR
485	121	NR	615	334	NR	745	6	NR	875	0	NR			

Summary

$R_f = 90.7$
 $R_g = 101$
 $CIE R_a = 93.4$
 $R_9 = 66.4$



Color Vector Graphics



Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 90	CES51 = 99	CES76 = 83
CES02 = 62	CES27 = 93	CES52 = 97	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 95	CES78 = 79
CES04 = 69	CES29 = 91	CES54 = 96	CES79 = 94
CES05 = 49	CES30 = 98	CES55 = 95	CES80 = 91
CES06 = 50	CES31 = 92	CES56 = 95	CES81 = 80
CES07 = 42	CES32 = 84	CES57 = 94	CES82 = 96
CES08 = 41	CES33 = 95	CES58 = 95	CES83 = 95
CES09 = 29	CES34 = 90	CES59 = 98	CES84 = 93
CES10 = 74	CES35 = 94	CES60 = 93	CES85 = 82
CES11 = 57	CES36 = 84	CES61 = 93	CES86 = 84
CES12 = 63	CES37 = 92	CES62 = 90	CES87 = 90
CES13 = 43	CES38 = 93	CES63 = 92	CES88 = 97
CES14 = 74	CES39 = 98	CES64 = 91	CES89 = 84
CES15 = 71	CES40 = 96	CES65 = 88	CES90 = 99
CES16 = 47	CES41 = 98	CES66 = 88	CES91 = 74
CES17 = 49	CES42 = 89	CES67 = 87	CES92 = 78
CES18 = 56	CES43 = 89	CES68 = 87	CES93 = 87
CES19 = 71	CES44 = 99	CES69 = 88	CES94 = 75
CES20 = 66	CES45 = 93	CES70 = 84	CES95 = 83
CES21 = 85	CES46 = 95	CES71 = 80	CES96 = 91
CES22 = 78	CES47 = 92	CES72 = 93	CES97 = 93
CES23 = 91	CES48 = 96	CES73 = 78	CES98 = 93
CES24 = 90	CES49 = 93	CES74 = 92	CES99 = 94
CES25 = 71	CES50 = 99	CES75 = 81	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)