

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: P1444515

Luminaire Tested: EHBR1-24-UNV-TA-L835-UPL15

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444515
REPORT IS A COMBINATION OF REPORTS P1444311 AND P1431635
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-24-UNV-TA-L835-UPL15
Description: Elevate Round Highbay at, 24000 lumens, 3500K 80CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

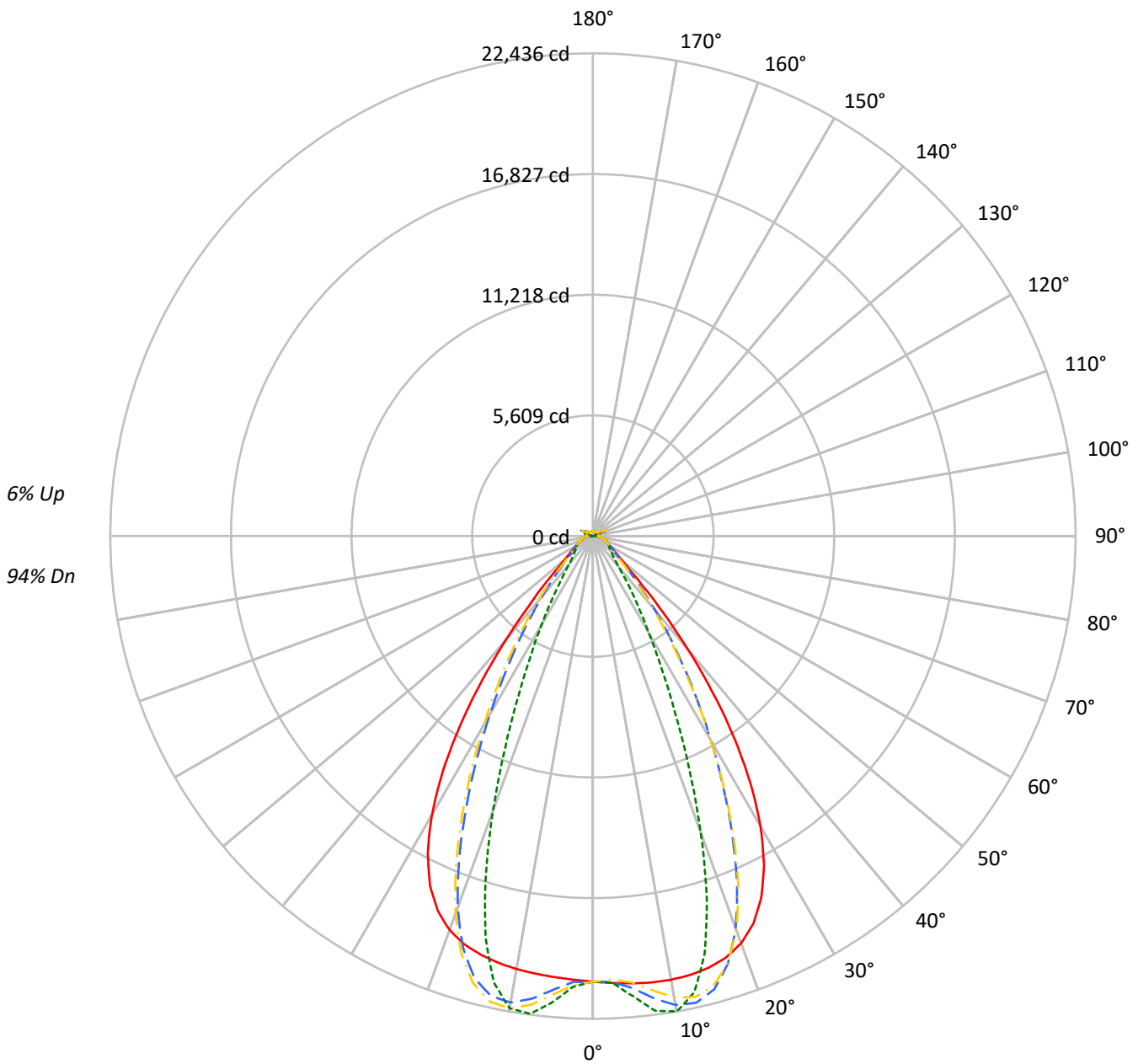
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25419.5 lumens
Efficiency: N/A
Efficacy: 184.7 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 0.77 / 0.88
Luminous Opening: Vertical Cylinder (Dia: 1.71' x H: 0.1')
CIE Type: Direct

Input Watts (W): 137.6
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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	96	96	96	96	96	96	94
1	110	107	104	101	107	104	101	99	99	97	95	94	92	91	90	88	87	87	87	87	85
2	104	98	93	89	101	95	91	87	91	87	84	87	84	82	83	81	79	79	79	79	77
3	97	90	84	79	95	88	82	78	84	80	76	81	77	74	78	75	72	72	72	72	70
4	92	83	76	71	89	81	75	71	78	73	69	75	71	68	73	69	66	66	66	66	64
5	86	77	70	65	84	75	69	64	73	67	63	70	66	62	68	64	61	61	61	61	59
6	81	71	64	60	79	70	64	59	68	62	58	66	61	57	64	60	56	56	56	56	55
7	77	66	60	55	75	65	59	55	63	58	54	62	57	53	60	56	52	52	52	52	51
8	73	62	55	51	71	61	55	51	60	54	50	58	53	49	57	52	49	49	49	49	47
9	69	58	52	47	67	58	51	47	56	50	47	55	50	46	53	49	46	46	46	46	44
10	65	55	48	44	64	54	48	44	53	47	44	52	47	43	50	46	43	43	43	43	41

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	97255	97255	97255	97255
5°	97725	100575	96358	101893
10°	98542	105597	96178	104898
15°	99025	95722	96010	91868
20°	98001	71310	94793	65979
25°	92762	45099	89696	40920
30°	81034	27102	77896	24768
35°	62365	17006	58777	15065
40°	39451	10668	36095	10025
45°	20334	8311	19997	8175
50°	11921	7392	11556	7277
55°	9133	6994	8795	6931
60°	7728	7145	7399	7051
65°	7259	7460	6980	7206
70°	7091	7812	6738	7518
75°	7583	8285	7173	7918
80°	7847	9174	7115	8375
85°	7387	8854	5973	7579

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 31119 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2041.0	8.0
10°-20°	5741.5	22.6
20°-30°	6539.1	25.7
30°-40°	4700.0	18.5
40°-50°	2167.6	8.5
50°-60°	1037.3	4.1
60°-70°	756.9	3.0
70°-80°	575.0	2.3
80°-90°	264.1	1.0
90°-100°	46.4	0.2
100°-110°	257.6	1.0
110°-120°	475.7	1.9
120°-130°	293.5	1.2
130°-140°	191.9	0.8
140°-150°	144.9	0.6
150°-160°	102.6	0.4
160°-170°	62.7	0.2
170°-180°	21.6	0.1
0°-30°	14321.6	56.3
0°-40°	19021.7	74.8
0°-60°	22226.6	87.4
0°-90°	23822.6	93.7
90°-120°	779.8	3.1
90°-150°	1410.0	5.5
90°-180°	1597.0	6.3
0°-180°	25419.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	20710	20710	20710	20710	20710	
5°	20866	21474	20574	21756	20866	1994
15°	20775	20082	20142	19273	20775	5853
25°	18524	9006	17912	8172	18524	8398
35°	11446	3121	10788	2765	11446	7025
45°	3290	1345	3235	1323	3290	2798
55°	1234	945	1189	937	1234	1139
65°	758	779	729	752	758	757
75°	534	584	505	558	534	555
85°	254	304	205	260	254	239
90°	68	86	19	24	68	42
95°	21	24	21	24	21	20
105°	94	120	63	120	94	124
115°	416	502	436	502	416	384
125°	316	328	358	329	316	288
135°	254	222	273	224	254	198
145°	230	220	244	223	230	145
155°	217	216	231	219	217	101
165°	219	218	227	219	219	62
175°	226	227	230	228	226	21
180°	228	228	228	228	228	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7
2.5°	20788.9	20787.2	20786.8	20785.4	20785.0	20785.0	20784.3	20782.6	20781.6	20779.2	20776.4
5°	20865.9	20865.1	20865.6	20865.7	20864.3	20861.1	20856.0	20849.7	20842.0	20834.6	20828.0
7.5°	20925.7	20927.1	20929.0	20928.6	20924.0	20916.5	20906.1	20900.3	20903.7	20914.9	20940.7
10°	20936.5	20945.4	20948.8	20947.8	20938.8	20932.3	20934.8	20956.7	21000.4	21058.6	21138.3
12.5°	20894.1	20905.0	20904.6	20900.9	20892.2	20901.1	20932.9	20998.2	21091.9	21206.8	21341.5
15°	20774.9	20789.0	20785.0	20780.3	20774.5	20803.7	20867.2	20980.6	21125.2	21287.2	21453.1
17.5°	20543.4	20560.5	20552.3	20546.9	20542.0	20596.8	20705.9	20871.9	21054.1	21237.4	21394.6
20°	20142.0	20153.5	20133.8	20124.5	20132.3	20239.7	20400.3	20612.5	20804.5	20977.7	21085.2
22.5°	19486.9	19501.2	19464.1	19459.8	19505.6	19670.5	19873.7	20110.9	20291.2	20428.6	20470.0
25°	18524.5	18538.5	18494.4	18520.7	18598.6	18823.2	19065.3	19318.9	19472.9	19574.6	19546.6
27.5°	17225.4	17238.1	17196.3	17250.1	17373.1	17668.3	17953.2	18228.4	18365.6	18436.8	18346.5
30°	15586.9	15613.4	15564.1	15639.0	15826.8	16210.1	16536.5	16845.0	16981.8	17036.1	16895.5
32.5°	13640.9	13678.6	13624.2	13735.8	13997.8	14458.2	14829.0	15173.8	15325.0	15387.0	15228.2
35°	11446.2	11500.2	11437.7	11605.2	11928.5	12441.1	12851.7	13236.6	13415.8	13503.5	13343.5
37.5°	9120.8	9172.3	9138.6	9362.0	9716.9	10248.2	10667.4	11082.7	11284.9	11416.7	11290.5
40°	6837.9	6885.0	6910.6	7166.1	7499.9	8000.7	8403.3	8814.1	9040.4	9205.9	9128.0
42.5°	4826.2	4873.7	4960.6	5207.2	5485.5	5900.0	6244.9	6613.8	6830.0	7006.5	6976.4
45°	3289.9	3345.1	3454.0	3655.8	3857.1	4154.5	4407.8	4694.6	4871.3	5032.9	5034.9
47.5°	2305.5	2344.2	2441.4	2579.3	2710.5	3082.8	3098.1	3239.1	3357.9	3478.7	3494.3
50°	1776.7	1800.1	1851.7	1928.5	2002.8	2099.5	2187.9	2290.1	2363.3	2429.5	2445.3
52.5°	1460.3	1475.2	1501.5	1543.1	1586.2	1638.8	1686.1	1742.2	1782.0	1817.5	1824.8
55°	1234.2	1246.5	1285.6	1293.5	1342.8	1352.4	1373.4	1407.6	1430.7	1451.9	1457.2
57.5°	1063.7	1072.5	1080.8	1098.6	1113.8	1135.9	1153.7	1178.2	1192.7	1208.0	1209.4
60°	929.0	935.5	941.4	953.6	964.0	979.3	991.6	1008.3	1018.8	1030.2	1031.6
62.5°	828.8	833.5	837.4	845.5	852.9	864.7	874.4	888.4	898.1	907.0	909.0
65°	757.7	761.0	763.6	769.7	776.1	786.2	795.0	806.3	813.5	820.3	821.8
67.5°	694.5	697.7	700.4	706.0	710.4	717.9	723.8	732.4	737.8	743.2	743.3
70°	622.2	625.2	627.2	632.5	636.1	642.5	647.2	655.0	660.4	666.5	668.1
72.5°	572.2	573.9	576.6	581.4	586.4	593.3	599.7	607.7	614.4	620.7	623.3
75°	534.2	536.2	537.9	542.0	545.5	551.3	556.1	563.3	569.2	576.0	579.3
77.5°	479.2	481.5	483.1	487.1	490.1	495.8	499.3	505.8	510.6	516.7	519.7
80°	412.8	415.0	416.1	419.9	422.3	427.4	430.9	437.2	441.2	447.3	451.0
82.5°	339.2	341.3	341.9	345.6	346.8	351.1	353.6	360.0	365.0	372.9	378.4
85°	253.9	254.7	256.0	255.0	260.1	260.5	266.4	267.4	275.1	277.1	285.8
87.5°	155.2	157.6	158.7	162.2	163.8	167.4	168.4	172.2	174.2	178.5	180.5
90°	67.9	71.6	72.9	77.2	78.5	82.3	83.4	87.8	89.1	93.6	95.5
92.5°	18.7	19.9	20.9	22.3	23.5	25.1	26.5	27.8	29.1	30.6	33.0
95°	21.1	22.5	23.9	25.1	26.5	27.8	29.2	30.4	31.8	33.2	37.0
97.5°	26.4	27.5	28.7	29.9	31.0	32.2	33.4	34.5	35.7	36.7	41.4
100°	34.2	35.2	36.2	37.1	38.1	39.2	40.1	41.1	42.1	43.1	51.6
102.5°	55.9	59.3	62.8	66.2	69.7	73.2	76.7	80.1	83.6	87.1	105.2
105°	93.8	103.1	112.7	122.0	131.4	140.9	150.3	159.5	169.0	178.4	208.2
107.5°	159.0	176.5	193.9	211.4	228.8	246.2	263.6	281.0	298.4	315.7	345.9
110°	292.2	306.1	320.2	334.1	348.2	362.3	376.3	390.1	404.1	418.1	440.1



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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°	393.6	399.9	406.2	412.5	418.8	425.1	431.4	437.7	444.0	450.1	465.8
115°	416.0	418.2	420.4	422.4	424.7	426.7	429.0	430.9	433.1	435.1	445.7
117.5°	405.1	404.5	404.1	403.7	403.2	402.7	402.1	401.6	401.0	400.5	406.3
120°	379.2	377.2	375.2	373.1	371.1	368.8	366.9	364.8	362.5	360.3	362.8
122.5°	346.4	344.0	341.8	339.2	336.7	334.1	331.7	328.9	326.5	323.9	324.7
125°	316.5	314.0	311.6	309.0	306.4	303.9	301.3	298.5	296.0	293.2	293.6
127.5°	290.5	288.8	287.1	285.1	283.2	281.3	279.3	277.2	275.5	273.2	273.2
130°	274.5	272.9	271.3	269.5	267.7	266.0	264.1	262.1	260.3	258.3	258.3
132.5°	261.6	260.5	259.4	257.9	256.7	255.1	253.7	252.0	250.6	249.2	249.2
135°	253.6	252.4	251.3	250.2	248.9	247.4	246.0	244.5	243.1	241.5	241.7
137.5°	247.0	246.0	244.9	243.8	242.5	241.0	239.8	238.3	237.0	235.5	235.6
140°	241.0	240.0	239.0	237.8	236.8	235.5	234.3	232.9	231.7	230.3	230.5
142.5°	233.9	233.0	232.3	231.4	230.4	229.3	228.2	227.0	226.0	224.9	225.2
145°	229.6	228.9	228.2	227.5	226.6	225.5	224.7	223.6	222.7	221.7	222.1
147.5°	225.9	225.3	224.8	224.1	223.4	222.5	221.8	220.8	220.0	219.1	219.6
150°	222.6	222.1	221.7	221.0	220.3	219.5	218.7	218.0	217.1	216.2	216.8
152.5°	219.0	218.5	218.0	217.4	216.7	215.9	215.4	214.5	213.7	212.9	213.3
155°	217.4	216.8	216.2	215.6	215.1	214.4	213.7	212.9	212.2	211.5	211.8
157.5°	216.7	216.1	215.7	215.2	214.8	214.2	213.6	213.0	212.4	211.9	212.0
160°	217.2	216.7	216.3	215.7	215.2	214.6	214.1	213.4	213.0	212.3	212.5
162.5°	217.8	217.3	216.8	216.2	215.7	215.2	214.7	214.2	213.7	213.1	213.3
165°	219.0	218.6	218.3	218.0	217.6	217.2	216.8	216.3	215.9	215.4	215.6
167.5°	221.8	221.4	221.1	220.6	220.1	219.7	219.3	218.8	218.5	217.9	218.1
170°	223.4	223.0	222.7	222.5	222.2	221.9	221.7	221.4	221.1	220.8	220.9
172.5°	225.0	224.8	224.6	224.5	224.2	224.0	223.8	223.5	223.4	223.0	223.4
175°	225.6	225.3	225.2	225.1	225.0	224.9	224.8	224.6	224.6	224.4	224.5
177.5°	227.2	227.1	227.1	227.1	227.1	227.0	226.9	226.7	226.7	226.7	226.8
180°	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5



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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°	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7
2.5°	20774.5	20772.0	20768.5	20764.1	20760.3	20756.0	20745.6	20742.6	20746.0	20748.3	20753.1
5°	20823.9	20825.3	20825.8	20835.3	20843.4	20863.8	21023.1	21086.4	21135.4	21166.4	21213.6
7.5°	20972.7	21020.6	21067.9	21131.6	21186.6	21260.8	21539.5	21658.2	21742.6	21803.2	21877.8
10°	21224.9	21329.4	21427.4	21542.2	21641.0	21754.0	22013.5	22129.1	22202.1	22255.2	22304.8
12.5°	21478.9	21623.9	21754.9	21882.7	21989.5	22087.6	22178.8	22219.3	22222.7	22224.5	22198.1
15°	21611.3	21749.8	21865.3	21949.8	22012.6	22040.3	21883.3	21800.8	21696.7	21610.9	21469.7
17.5°	21527.7	21610.9	21660.7	21655.9	21629.9	21543.0	21098.0	20853.2	20610.2	20391.3	20104.1
20°	21156.5	21150.1	21106.8	20983.8	20835.8	20605.6	19842.6	19402.5	18976.8	18603.0	18149.6
22.5°	20465.8	20357.1	20205.6	19940.6	19646.3	19244.1	18150.7	17503.2	16910.8	16387.4	15801.0
25°	19465.0	19241.4	18962.0	18541.4	18083.9	17497.2	16149.7	15344.3	14632.9	14016.1	13339.6
27.5°	18184.3	17847.4	17437.9	16855.7	16236.0	15484.4	13990.4	13101.6	12338.0	11676.6	10956.5
30°	16667.9	16229.9	15701.1	14978.5	14231.0	13378.5	11863.3	10963.0	10190.1	9509.6	8789.1
32.5°	14954.4	14441.3	13821.6	13010.7	12202.3	11325.7	9862.4	8991.0	8252.6	7598.0	6945.9
35°	13064.4	12514.2	11858.6	11031.5	10227.9	9375.7	8033.0	7247.3	6595.3	6016.7	5490.1
37.5°	11037.0	10496.8	9873.7	9094.2	8349.0	7576.8	6418.2	5759.8	5212.7	4732.4	4325.8
40°	8929.1	8456.4	7917.2	7243.3	6607.4	5964.3	5013.2	4490.6	4058.8	3692.6	3387.9
42.5°	6847.1	6480.7	6067.3	5534.7	5048.1	4558.4	3826.4	3439.2	3119.4	2855.7	2640.3
45°	4967.8	4722.7	4445.4	4075.2	3738.5	3397.0	2875.9	2603.8	2395.5	2225.5	2081.8
47.5°	3472.8	3330.6	3321.9	2979.7	2732.9	2524.0	2188.3	2016.5	1888.9	1785.8	1694.9
50°	2438.8	2370.0	2284.6	2162.5	2047.9	1929.8	1725.4	1621.5	1546.7	1484.3	1426.8
52.5°	1823.2	1787.5	1742.0	1677.2	1615.1	1548.7	1419.3	1353.1	1329.6	1271.6	1226.0
55°	1456.3	1435.7	1409.8	1371.8	1334.0	1318.9	1208.0	1158.9	1127.8	1104.9	1080.4
57.5°	1209.6	1194.4	1179.0	1153.2	1131.4	1104.9	1046.0	1020.8	1002.3	988.8	971.9
60°	1031.8	1022.7	1014.0	998.9	987.1	972.8	935.5	921.2	911.6	903.5	892.6
62.5°	910.7	906.0	901.6	893.5	887.5	879.7	854.1	847.4	842.5	838.4	831.8
65°	823.2	819.9	817.4	812.1	809.1	804.5	782.6	777.9	775.0	773.5	769.7
67.5°	743.8	740.3	738.7	734.9	733.6	730.8	712.8	710.2	709.3	709.8	708.3
70°	669.5	668.1	668.8	668.2	669.9	670.4	659.5	659.4	660.6	662.9	663.1
72.5°	625.0	625.0	625.8	626.2	627.8	628.6	619.6	619.1	619.6	621.3	621.4
75°	582.6	583.3	585.7	586.4	588.3	588.7	576.7	575.4	575.4	577.0	576.5
77.5°	524.0	526.5	530.9	533.2	536.9	537.6	524.2	522.5	522.6	524.2	522.8
80°	457.5	462.3	469.3	474.1	479.8	482.1	468.2	464.9	461.9	461.4	458.6
82.5°	386.8	392.7	401.0	405.4	411.5	412.9	389.8	385.3	382.8	383.0	380.5
85°	295.2	299.7	307.3	309.8	313.6	313.2	286.8	275.6	278.6	273.8	277.5
87.5°	185.2	187.8	192.6	193.1	195.0	194.6	168.0	162.8	161.2	161.3	159.4
90°	100.5	102.7	107.4	108.1	111.4	111.5	90.7	88.7	86.4	86.9	83.8
92.5°	35.7	37.9	40.4	42.9	45.4	47.8	47.8	49.5	47.2	44.6	42.5
95°	41.0	44.9	48.9	52.7	56.7	60.6	64.6	68.5	64.8	61.1	57.4
97.5°	46.1	50.6	55.3	59.9	64.6	69.1	73.8	78.4	74.6	70.4	66.5
100°	60.2	68.8	77.4	86.1	94.6	103.3	111.9	120.5	113.0	105.3	97.7
102.5°	123.4	141.9	160.1	178.4	196.6	215.1	233.5	251.8	234.4	216.8	199.4
105°	237.8	267.4	297.1	326.7	356.3	385.9	415.9	445.5	417.6	389.8	362.0
107.5°	375.9	406.0	436.0	466.0	496.2	526.2	556.7	586.7	559.6	532.3	505.1
110°	462.0	483.8	505.9	527.7	549.6	571.4	593.8	615.8	599.4	583.0	566.5



TEST NUMBER: P1444515
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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°	481.4	497.0	512.7	528.2	543.8	559.4	575.8	591.5	583.1	574.8	566.5
115°	456.1	466.8	477.2	487.6	498.1	508.6	519.9	530.6	527.8	525.0	522.2
117.5°	412.1	417.8	423.7	429.4	435.2	441.0	447.9	453.8	454.0	454.4	454.7
120°	365.2	367.5	369.8	372.1	374.5	376.7	380.4	382.9	384.9	387.0	388.9
122.5°	325.5	326.3	327.1	327.7	328.4	329.2	331.4	332.6	333.7	335.1	336.5
125°	293.8	294.2	294.4	294.6	294.7	295.1	297.0	297.5	297.5	297.2	297.2
127.5°	273.0	272.9	272.9	272.7	272.4	272.4	273.9	274.2	273.0	271.9	270.6
130°	258.3	258.3	258.3	258.3	258.3	258.3	260.2	260.7	258.8	256.9	254.9
132.5°	249.3	249.3	249.3	249.5	249.5	249.5	251.7	252.2	250.2	247.9	245.7
135°	241.7	242.0	242.1	242.1	242.2	242.6	244.9	245.6	243.6	241.4	239.4
137.5°	235.6	235.9	236.0	236.2	236.3	236.6	239.3	240.0	238.3	236.5	234.9
140°	230.7	231.0	231.3	231.5	231.7	232.2	235.1	236.0	234.7	233.3	231.9
142.5°	225.5	226.1	226.6	227.2	227.6	228.2	231.5	232.7	231.7	230.6	229.6
145°	222.6	223.3	223.9	224.5	225.0	225.8	229.6	231.1	230.4	229.6	228.8
147.5°	219.9	220.5	221.1	221.7	222.2	223.1	227.1	228.4	228.1	227.5	227.0
150°	217.2	217.8	218.4	219.0	219.8	220.6	225.0	226.7	226.3	225.8	225.3
152.5°	213.8	214.3	214.8	215.4	216.0	216.8	222.2	224.0	223.6	223.1	222.8
155°	212.1	212.5	212.8	213.3	213.7	214.4	220.2	221.9	221.8	221.5	221.2
157.5°	212.2	212.3	212.5	212.8	213.2	213.5	219.7	221.5	221.2	221.0	220.7
160°	212.6	212.8	212.8	213.1	213.2	213.5	219.8	221.6	221.4	221.1	220.8
162.5°	213.5	213.9	214.0	214.3	214.5	214.9	221.3	223.2	222.7	222.4	222.1
165°	215.6	215.7	215.8	216.0	216.1	216.3	222.2	223.9	223.8	223.5	223.2
167.5°	218.1	218.4	218.4	218.6	218.6	219.0	224.6	226.1	225.9	225.6	225.5
170°	220.9	221.2	221.2	221.4	221.6	221.8	226.5	227.8	227.7	227.2	227.0
172.5°	223.4	223.8	224.0	224.1	224.4	224.7	228.5	229.8	229.6	229.4	229.0
175°	224.7	224.8	225.0	225.2	225.4	225.6	228.7	229.6	229.5	229.4	229.2
177.5°	227.0	227.1	227.3	227.4	227.6	227.8	229.7	230.2	230.2	230.2	230.1
180°	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5



TEST NUMBER: P1444515
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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7
2.5°	20754.1	20761.4	20762.5	20771.0	20770.3	20780.5	20778.9	20787.2	20782.4	20789.1	20783.4
5°	21241.6	21285.8	21309.0	21352.1	21365.7	21404.4	21415.2	21450.4	21451.9	21479.8	21473.5
7.5°	21930.8	21995.9	22034.6	22087.9	22115.0	22159.4	22179.0	22211.9	22222.4	22248.5	22250.6
10°	22342.3	22374.0	22396.0	22410.9	22424.5	22430.9	22438.4	22436.3	22438.4	22435.5	22441.8
12.5°	22180.5	22134.2	22103.7	22045.9	22012.3	21948.3	21916.9	21855.4	21833.1	21780.3	21772.7
15°	21360.6	21199.6	21085.8	20920.4	20816.4	20653.6	20558.4	20411.6	20344.5	20227.7	20197.1
17.5°	19866.5	19567.5	19336.3	19039.5	18833.6	18556.3	18381.9	18152.4	18026.6	17841.5	17777.4
20°	17771.6	17329.3	16982.4	16569.1	16273.2	15904.7	15668.8	15371.2	15198.4	14971.0	14878.9
22.5°	15312.2	14761.6	14328.3	13840.0	13483.1	13072.3	12789.7	12467.7	12279.8	12032.8	11923.4
25°	12777.4	12170.1	11688.4	11173.9	10796.8	10385.1	10102.4	9786.1	9591.6	9357.0	9248.4
27.5°	10352.9	9738.3	9272.7	8794.4	8448.5	8077.0	7821.8	7545.7	7373.1	7173.0	7070.7
30°	8213.5	7671.3	7275.2	6878.2	6590.4	6288.8	6076.7	5847.9	5696.4	5525.0	5427.6
32.5°	6470.4	6051.9	5741.6	5426.7	5191.2	4939.1	4755.8	4553.9	4417.2	4264.2	4176.0
35°	5124.4	4799.2	4551.8	4292.5	4090.2	3875.5	3714.0	3539.8	3417.1	3285.4	3209.2
37.5°	4048.8	3790.2	3586.6	3371.3	3205.1	3027.2	2967.2	2767.2	2640.2	2535.0	2462.2
40°	3177.5	2972.0	2803.5	2638.7	2503.2	2368.3	2260.0	2153.1	2071.1	1995.9	1943.8
42.5°	2481.5	2332.4	2209.4	2088.8	1989.9	1891.5	1813.1	1739.5	1684.2	1635.1	1601.5
45°	1972.6	1870.2	1784.7	1699.6	1629.9	1564.3	1511.4	1464.5	1428.8	1399.3	1378.3
47.5°	1620.5	1550.4	1490.1	1432.7	1385.4	1342.4	1307.0	1295.5	1257.1	1231.2	1221.4
50°	1377.2	1334.9	1289.0	1246.7	1215.1	1183.7	1160.7	1138.2	1123.9	1112.0	1108.4
52.5°	1195.6	1163.3	1137.8	1111.0	1090.1	1067.7	1051.9	1036.9	1029.1	1022.9	1022.1
55°	1060.7	1038.0	1021.1	1003.2	990.7	977.5	969.3	961.4	958.0	954.8	955.1
57.5°	958.5	943.3	932.4	920.8	914.0	907.7	905.6	903.6	904.7	905.1	906.9
60°	884.0	874.2	867.3	860.6	857.8	855.8	857.3	859.1	862.7	865.6	868.2
62.5°	827.0	821.4	818.1	814.4	814.1	814.3	817.3	820.3	824.9	828.2	830.8
65°	768.3	765.0	764.0	761.7	762.8	763.6	767.3	769.5	774.0	776.8	780.0
67.5°	709.0	708.2	708.9	708.9	710.9	712.8	716.3	718.9	722.7	725.2	727.8
70°	665.2	665.5	667.1	667.4	669.6	670.8	673.9	675.5	679.0	681.1	684.3
72.5°	622.5	621.8	622.2	621.2	622.0	621.7	623.4	624.2	627.2	628.8	632.6
75°	577.2	575.3	574.8	572.8	572.9	571.3	572.1	572.0	573.9	574.7	577.4
77.5°	522.3	519.1	517.6	514.2	514.1	512.8	514.2	515.0	518.4	520.0	523.1
80°	456.8	451.7	449.4	445.4	446.1	445.9	449.3	451.8	456.0	456.8	460.8
82.5°	379.7	374.6	372.1	368.2	369.1	369.1	372.2	372.8	376.4	378.0	382.5
85°	271.9	273.8	268.4	268.8	267.6	269.7	271.9	274.5	277.5	282.5	286.3
87.5°	160.1	159.4	161.3	161.5	164.4	165.8	170.3	172.8	177.7	181.7	188.7
90°	83.4	80.3	81.3	79.9	82.0	80.7	82.7	81.1	83.6	83.5	86.9
92.5°	39.6	37.4	34.6	32.3	29.7	27.5	26.0	25.1	23.7	22.9	21.4
95°	53.7	50.1	46.4	42.8	39.2	35.5	34.1	32.8	31.5	30.2	28.8
97.5°	62.5	58.7	54.7	50.7	46.7	42.9	42.0	41.1	40.1	39.3	38.4
100°	90.1	82.4	74.9	67.2	59.6	52.1	51.4	50.6	49.9	49.3	48.5
102.5°	182.0	164.5	147.2	129.7	112.4	94.9	91.9	88.9	85.8	82.8	79.8
105°	334.0	306.1	278.3	250.5	222.7	194.8	186.6	178.0	169.8	161.4	153.2
107.5°	477.8	450.7	423.5	396.3	369.1	342.0	328.9	315.8	302.5	289.4	276.3
110°	550.1	533.7	517.5	500.9	484.7	468.4	455.7	443.3	430.7	418.2	405.7



TEST NUMBER: P1444515
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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	558.2	550.1	541.7	533.5	525.3	517.1	511.0	504.8	498.8	492.6	486.4
115°	519.4	516.8	514.0	511.4	508.8	506.0	505.5	505.1	504.5	504.0	503.6
117.5°	454.9	455.3	455.5	455.9	456.4	456.7	459.9	463.0	466.2	469.6	472.8
120°	391.0	393.0	394.9	397.0	399.1	401.2	405.4	409.7	413.8	418.3	422.8
122.5°	337.7	339.0	340.2	341.7	343.1	344.4	348.5	352.7	356.9	361.3	365.5
125°	296.9	296.7	296.5	296.3	296.1	296.1	299.4	302.8	306.2	309.8	313.2
127.5°	269.5	268.1	266.9	265.8	264.5	263.3	265.2	267.1	269.0	271.0	273.0
130°	252.9	251.0	248.9	247.1	244.9	243.1	243.7	244.2	244.9	245.6	246.3
132.5°	243.4	241.2	238.9	236.7	234.5	232.1	231.8	231.5	231.3	231.2	231.0
135°	237.2	235.2	232.9	230.8	228.5	226.5	225.7	225.0	224.2	223.6	223.0
137.5°	233.2	231.4	229.7	228.0	226.1	224.4	223.2	222.4	221.5	220.8	219.9
140°	230.5	229.0	227.5	226.1	224.6	223.2	222.2	221.6	220.8	220.1	219.3
142.5°	228.3	227.4	226.1	225.1	224.0	222.9	222.0	221.3	220.5	219.8	219.2
145°	228.1	227.4	226.6	225.7	225.0	224.3	223.5	222.9	222.2	221.8	221.3
147.5°	226.5	226.0	225.4	224.9	224.3	223.7	223.1	222.8	222.2	221.9	221.5
150°	224.9	224.5	223.9	223.5	222.8	222.3	222.0	221.8	221.4	221.3	220.8
152.5°	222.2	221.9	221.5	221.1	220.5	220.0	219.7	219.5	219.2	219.0	218.6
155°	220.8	220.5	220.1	219.8	219.3	219.1	218.7	218.4	218.1	217.7	217.3
157.5°	220.4	220.1	219.7	219.5	219.0	218.7	218.5	218.2	217.8	217.5	217.1
160°	220.5	220.3	219.9	219.6	219.3	219.0	218.6	218.2	217.7	217.4	217.0
162.5°	221.8	221.4	221.1	220.7	220.2	219.9	219.5	219.1	218.8	218.6	218.2
165°	222.9	222.6	222.3	222.0	221.8	221.5	221.0	220.7	220.2	219.8	219.3
167.5°	225.1	225.0	224.7	224.5	224.1	223.7	223.4	223.0	222.6	222.2	221.8
170°	226.7	226.4	226.1	225.7	225.4	225.0	224.7	224.3	223.9	223.6	223.2
172.5°	228.8	228.7	228.3	228.2	227.8	227.5	227.2	226.9	226.6	226.2	226.1
175°	229.1	229.1	229.0	228.7	228.7	228.5	228.3	228.3	228.2	228.1	227.9
177.5°	230.1	230.0	230.0	229.9	229.8	229.8	229.6	229.5	229.3	229.1	229.0
180°	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5



TEST NUMBER: P1444515
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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7
2.5°	20789.3	20784.1	20786.6	20776.8	20779.2	20767.4	20766.4	20753.1	20751.8	20739.3	20734.6
5°	21493.3	21481.6	21494.7	21474.4	21478.3	21451.9	21449.6	21415.4	21403.6	21360.8	21342.3
7.5°	22266.8	22262.5	22270.4	22253.5	22252.9	22229.2	22219.5	22188.8	22169.8	22124.8	22096.1
10°	22436.3	22440.3	22433.8	22435.5	22426.2	22423.6	22414.2	22408.2	22392.8	22381.2	22364.0
12.5°	21732.6	21736.8	21710.0	21727.0	21713.6	21745.0	21742.4	21779.4	21785.1	21831.9	21849.6
15°	20106.1	20101.1	20049.5	20082.0	20064.6	20133.5	20149.0	20241.7	20291.2	20410.3	20483.4
17.5°	17649.1	17635.8	17563.3	17602.9	17582.7	17684.3	17718.5	17866.7	17959.2	18151.0	18287.7
20°	14720.3	14694.8	14609.9	14656.2	14635.5	14750.9	14799.6	14978.8	15098.1	15352.2	15532.9
22.5°	11755.0	11714.9	11631.8	11674.9	11655.3	11775.0	11838.3	12018.1	12154.7	12415.5	12626.5
25°	9092.2	9056.4	8976.1	9006.3	8999.0	9100.2	9156.5	9326.6	9460.9	9709.3	9910.7
27.5°	6934.8	6897.6	6825.0	6846.4	6839.0	6925.2	6978.4	7120.4	7235.9	7445.1	7621.9
30°	5307.6	5262.7	5201.1	5213.0	5207.9	5277.7	5327.3	5446.9	5546.0	5722.8	5875.1
32.5°	4068.2	4023.1	3966.6	3972.1	3964.7	4019.5	4060.3	4164.3	4250.6	4400.9	4533.6
35°	3112.8	3165.5	3044.7	3121.2	3041.6	3158.5	3116.5	3181.5	3255.7	3382.3	3493.0
37.5°	2393.0	2356.3	2325.1	2321.9	2321.7	2348.8	2380.8	2443.4	2508.8	2603.1	2700.6
40°	1896.3	1870.5	1850.4	1849.0	1850.4	1869.7	1893.4	1936.6	1984.5	2052.3	2123.9
42.5°	1572.8	1555.7	1543.5	1542.8	1546.5	1560.2	1576.7	1602.4	1633.5	1677.4	1726.5
45°	1361.2	1351.7	1345.1	1344.7	1346.4	1353.5	1363.0	1379.0	1398.8	1426.1	1457.2
47.5°	1212.8	1210.6	1206.3	1206.5	1204.6	1207.5	1208.5	1217.6	1228.0	1248.7	1289.3
50°	1104.8	1104.8	1101.9	1101.7	1099.0	1098.8	1096.4	1100.0	1105.0	1117.8	1130.7
52.5°	1019.4	1019.1	1015.9	1015.3	1012.4	1012.2	1010.2	1011.6	1012.3	1018.8	1026.5
55°	952.6	950.6	946.4	945.1	944.0	945.7	944.9	945.0	944.1	946.8	949.2
57.5°	904.7	902.0	898.2	897.0	896.7	898.7	898.7	898.1	894.5	892.1	888.6
60°	866.7	864.1	860.0	858.9	859.5	862.3	862.1	859.8	854.4	849.8	844.2
62.5°	829.5	828.4	826.3	826.0	825.4	825.9	824.0	821.6	816.2	811.3	805.4
65°	779.6	780.2	778.5	778.7	776.9	776.5	773.6	771.2	765.8	761.3	755.2
67.5°	727.7	728.1	726.7	726.7	725.8	726.0	724.2	722.0	717.4	713.7	709.1
70°	684.9	686.0	685.2	685.5	684.3	683.8	681.1	678.8	674.2	671.2	666.9
72.5°	633.7	636.1	636.0	636.6	634.7	633.7	630.4	627.7	623.6	621.0	617.7
75°	578.5	581.5	582.4	583.6	581.0	579.6	576.1	573.9	570.4	569.0	566.7
77.5°	524.6	527.9	531.0	533.9	529.7	525.9	521.4	518.0	513.0	511.1	507.6
80°	464.0	469.8	476.8	482.6	475.0	467.4	459.9	454.4	447.9	445.2	440.9
82.5°	384.9	390.9	394.9	398.6	393.4	387.8	380.6	375.7	368.6	366.0	361.1
85°	292.4	299.9	302.2	304.3	300.9	297.9	291.1	282.0	277.5	270.5	266.9
87.5°	192.4	196.8	197.6	198.3	196.3	194.8	190.4	186.2	178.5	173.0	166.3
90°	86.0	88.1	85.8	86.2	84.3	85.2	81.4	80.8	75.2	73.6	68.6
92.5°	20.5	19.1	17.9	16.8	18.3	19.1	20.7	21.4	22.8	23.7	25.1
95°	27.4	26.2	24.8	23.5	24.5	25.6	26.7	27.7	28.8	29.9	30.9
97.5°	37.5	36.6	35.7	34.8	35.4	36.1	36.7	37.3	37.9	38.6	39.3
100°	47.8	47.1	46.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
102.5°	76.8	73.7	70.7	67.7	69.7	71.8	73.8	75.8	78.0	80.0	82.1
105°	144.9	136.6	128.3	120.0	128.1	136.0	144.1	152.1	160.1	168.3	176.4
107.5°	263.2	250.1	237.0	223.9	238.6	253.2	267.8	282.4	297.0	311.5	326.4
110°	393.3	380.8	368.4	355.9	371.4	386.9	402.4	417.9	433.4	448.9	464.5



TEST NUMBER: P1444515
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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°	480.3	474.2	468.1	462.1	472.1	482.1	492.1	502.3	512.2	522.2	532.2
115°	503.1	502.7	502.5	502.1	506.8	511.6	516.2	521.1	525.9	530.7	535.5
117.5°	476.0	479.3	482.7	486.1	487.6	489.1	490.7	492.2	493.9	495.5	497.1
120°	427.2	431.5	436.0	440.6	440.0	439.3	438.8	438.2	437.8	437.3	437.0
122.5°	369.9	374.4	378.9	383.4	382.0	380.7	379.5	378.2	377.1	375.9	374.9
125°	317.1	320.6	324.4	328.1	326.8	325.4	324.2	323.1	321.8	320.7	319.8
127.5°	275.3	277.4	279.6	282.0	281.4	280.7	280.4	279.7	279.4	279.1	278.9
130°	247.2	248.1	249.2	250.1	250.3	250.5	250.8	251.1	251.7	252.1	252.7
132.5°	231.2	231.2	231.3	231.4	232.1	232.9	233.8	234.7	235.8	236.8	238.1
135°	222.6	222.2	221.8	221.7	222.7	223.7	225.0	226.1	227.6	229.0	230.6
137.5°	219.3	218.7	218.3	217.7	218.7	219.8	221.0	222.2	223.7	225.1	226.8
140°	218.7	218.3	218.0	217.5	218.6	219.5	220.7	221.9	223.3	224.8	226.3
142.5°	218.7	218.1	217.7	217.4	218.2	219.1	220.3	221.4	222.7	224.0	225.3
145°	220.8	220.3	220.0	219.7	220.3	221.1	221.8	222.6	223.7	224.5	225.6
147.5°	221.2	220.9	220.7	220.5	221.1	221.5	222.1	222.6	223.4	224.1	225.0
150°	220.7	220.4	220.3	220.2	220.5	220.8	221.2	221.6	221.9	222.4	223.1
152.5°	218.6	218.3	218.3	218.2	218.4	218.6	218.9	219.2	219.6	220.0	220.7
155°	217.2	217.0	216.7	216.5	216.5	216.6	216.8	216.8	217.0	217.1	217.4
157.5°	217.0	216.7	216.5	216.2	216.1	216.0	216.0	215.9	215.9	215.8	215.9
160°	216.7	216.2	215.9	215.6	215.6	215.5	215.5	215.4	215.5	215.6	215.6
162.5°	218.0	217.7	217.4	217.1	216.9	216.6	216.5	216.2	216.0	215.8	215.8
165°	218.9	218.6	218.3	217.8	217.7	217.6	217.4	217.3	217.2	217.1	217.1
167.5°	221.6	221.1	220.8	220.4	220.1	219.7	219.5	219.2	219.0	218.7	218.6
170°	223.0	222.6	222.3	222.0	221.8	221.7	221.6	221.4	221.3	221.2	221.2
172.5°	225.8	225.5	225.2	225.0	224.9	224.7	224.7	224.6	224.4	224.4	224.4
175°	227.8	227.7	227.6	227.4	227.2	227.1	227.0	226.9	226.8	226.6	226.5
177.5°	228.8	228.6	228.5	228.4	228.3	228.3	228.3	228.3	228.3	228.2	228.2
180°	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5



TEST NUMBER: P1444515
 CATALOG NUMBER: EHBR1-24-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7
2.5°	20721.2	20715.7	20701.4	20694.3	20681.0	20674.3	20664.0	20657.3	20648.9	20642.7	20639.5
5°	21295.3	21268.8	21215.7	21183.0	21125.6	21087.9	21031.0	20989.2	20930.4	20887.0	20831.4
7.5°	22042.2	22001.6	21933.5	21882.0	21801.7	21740.4	21650.4	21578.4	21478.9	21396.3	21294.7
10°	22346.4	22322.6	22292.1	22258.9	22214.5	22170.9	22109.4	22046.7	21963.3	21880.2	21771.7
12.5°	21896.8	21919.1	21963.3	21983.8	22017.5	22028.9	22044.4	22037.1	22023.5	21989.5	21940.4
15°	20623.9	20717.2	20864.5	20966.5	21109.3	21209.6	21342.3	21427.7	21526.2	21584.9	21640.8
17.5°	18529.9	18710.3	18970.3	19177.8	19456.3	19682.8	19960.2	20178.2	20429.9	20623.0	20828.5
20°	15847.9	16100.4	16459.5	16764.3	17167.9	17510.1	17948.5	18315.8	18744.2	19101.3	19486.8
22.5°	12961.3	13258.4	13669.7	14037.5	14519.4	14949.8	15499.1	15984.8	16563.9	17082.8	17656.7
25°	10238.1	10529.3	10948.3	11329.0	11849.3	12323.5	12923.6	13480.7	14152.8	14779.5	15499.1
27.5°	7902.8	8161.5	8529.8	8872.5	9349.0	9814.5	10423.5	11017.6	11734.8	12408.3	13183.8
30°	6103.2	6313.1	6608.2	6883.9	7266.4	7647.1	8189.6	8739.0	9452.6	10150.7	10945.7
32.5°	4729.8	4908.7	5155.1	5378.9	5673.6	5960.6	6360.2	6799.2	7425.3	8093.8	8862.5
35°	3661.4	3814.5	4024.1	4217.0	4459.3	4687.2	4985.3	5298.7	5776.4	6338.8	7026.7
37.5°	2919.0	2981.5	3131.1	3289.0	3490.4	3677.7	3910.9	4142.6	4484.4	4928.1	5490.1
40°	2219.9	2319.0	2440.8	2565.2	2717.7	2867.8	3123.7	3246.9	3471.9	3790.4	4226.6
42.5°	1791.2	1860.9	1946.6	2033.1	2139.4	2243.9	2373.3	2505.1	2673.3	2889.1	3199.4
45°	1498.9	1544.3	1599.6	1657.3	1727.0	1798.4	1885.0	1975.5	2089.5	2222.2	2410.6
47.5°	1303.7	1328.8	1364.8	1404.2	1452.0	1501.5	1557.8	1615.4	1686.3	1764.9	1872.2
50°	1151.2	1172.2	1200.2	1226.5	1259.5	1310.2	1332.5	1364.4	1406.9	1453.3	1513.3
52.5°	1040.9	1054.8	1072.5	1087.6	1108.5	1127.4	1152.3	1174.2	1203.7	1231.5	1270.3
55°	955.1	960.1	970.1	979.8	994.2	1007.2	1024.3	1038.7	1057.5	1074.0	1098.5
57.5°	888.8	889.1	893.8	898.8	908.1	916.3	928.0	937.4	950.5	961.1	975.7
60°	841.0	838.5	839.4	841.2	846.4	851.7	859.3	865.4	873.6	879.5	887.8
62.5°	801.4	797.4	796.4	796.0	798.6	800.5	804.6	807.6	812.3	814.9	819.2
65°	751.3	746.6	744.8	742.5	743.3	742.7	744.3	744.4	746.7	747.3	749.8
67.5°	705.8	701.9	699.5	696.6	695.3	693.3	692.3	690.3	690.0	688.3	687.9
70°	664.4	660.5	658.6	655.9	654.5	651.7	650.0	646.6	644.6	641.5	639.8
72.5°	616.4	614.3	613.7	611.8	611.3	609.8	609.1	606.7	605.3	602.6	601.2
75°	566.3	564.5	564.3	562.5	562.4	560.5	560.1	557.5	556.3	553.6	552.4
77.5°	506.5	503.9	503.2	501.0	501.6	500.6	501.4	499.5	498.7	496.0	495.1
80°	439.3	435.9	434.6	431.8	432.5	431.2	432.5	432.4	433.3	431.2	430.8
82.5°	359.6	355.9	355.3	353.3	354.6	354.8	357.6	356.0	356.6	354.7	355.6
85°	261.7	259.0	255.1	254.6	252.1	254.6	251.3	253.6	250.0	252.5	249.1
87.5°	162.2	156.6	153.6	149.5	148.0	144.1	142.4	139.6	140.5	139.1	139.9
90°	68.2	63.9	63.8	60.7	61.3	58.9	60.1	58.7	60.4	58.8	60.8
92.5°	26.0	27.1	29.3	31.6	33.5	35.7	37.8	40.1	42.1	44.4	46.3
95°	32.0	33.1	35.9	38.8	41.6	44.4	47.4	50.2	53.0	55.9	58.8
97.5°	39.9	40.5	43.3	46.3	49.1	52.0	54.8	57.9	60.7	63.6	66.4
100°	45.7	45.8	53.9	62.0	70.1	78.2	86.4	94.4	102.7	110.7	118.9
102.5°	84.2	86.2	106.7	127.2	147.8	168.2	188.7	209.2	229.8	250.5	271.0
105°	184.3	192.5	223.7	255.0	286.2	317.6	349.0	380.5	411.7	443.1	474.4
107.5°	340.9	355.6	383.9	412.2	440.5	468.9	497.2	525.5	553.9	582.3	610.8
110°	480.1	495.7	514.7	533.6	552.7	571.7	590.6	609.7	628.8	647.8	667.0



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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°	542.2	552.4	563.4	574.6	585.7	596.9	608.0	619.2	630.4	641.7	652.9
115°	540.4	545.3	549.6	554.0	558.3	562.8	567.3	571.9	576.4	580.9	585.5
117.5°	498.7	500.5	501.3	502.1	502.8	503.8	504.7	505.7	506.7	507.6	508.6
120°	436.4	436.1	435.6	435.1	434.4	434.0	433.6	433.1	432.7	432.4	432.0
122.5°	373.7	372.7	372.2	371.8	371.3	371.0	370.6	370.4	370.0	369.7	369.4
125°	318.7	317.8	318.7	319.5	320.5	321.4	322.3	323.5	324.4	325.4	326.5
127.5°	278.5	278.5	280.3	282.4	284.2	286.2	288.3	290.4	292.2	294.5	296.4
130°	253.3	254.0	256.4	258.9	261.3	263.9	266.5	269.1	271.5	274.1	276.5
132.5°	239.3	240.7	242.8	245.3	247.6	250.2	252.6	255.1	257.5	260.1	262.4
135°	232.1	233.9	236.0	238.2	240.5	242.9	245.0	247.4	249.6	251.9	254.0
137.5°	228.2	230.0	231.8	233.7	235.4	237.5	239.2	241.1	242.9	244.8	246.7
140°	227.9	229.5	230.6	231.8	233.1	234.3	235.3	236.6	237.8	239.0	240.1
142.5°	226.7	228.3	229.0	229.9	230.7	231.7	232.5	233.4	234.1	234.9	235.6
145°	226.7	228.0	228.2	228.4	228.8	229.1	229.3	229.7	229.9	230.2	230.4
147.5°	225.7	226.7	226.6	226.8	227.0	227.0	227.1	227.2	227.3	227.4	227.4
150°	223.6	224.3	224.1	224.2	223.9	223.8	223.7	223.6	223.4	223.4	223.1
152.5°	221.0	221.6	221.2	221.2	220.9	220.7	220.4	220.3	219.9	219.8	219.6
155°	217.5	217.8	217.6	217.5	217.3	217.1	217.0	217.1	217.0	216.8	216.8
157.5°	215.9	215.9	215.8	215.7	215.6	215.5	215.5	215.5	215.5	215.6	215.7
160°	215.5	215.7	215.5	215.4	215.4	215.3	215.3	215.3	215.3	215.4	215.5
162.5°	215.5	215.4	215.4	215.3	215.2	215.1	215.2	215.4	215.3	215.4	215.5
165°	217.1	217.2	216.9	216.8	216.6	216.5	216.5	216.5	216.5	216.5	216.6
167.5°	218.6	218.5	218.5	218.5	218.5	218.6	218.6	218.9	219.0	219.3	219.4
170°	221.1	221.2	221.0	221.0	220.9	220.9	220.9	220.8	220.9	221.0	220.9
172.5°	224.4	224.4	224.2	224.0	223.8	223.6	223.5	223.5	223.3	223.2	223.0
175°	226.3	226.2	226.1	226.0	225.9	225.7	225.7	225.5	225.4	225.3	225.2
177.5°	228.2	228.0	227.9	227.9	227.9	227.8	227.8	227.7	227.7	227.7	227.5
180°	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5



TEST NUMBER: P1444515
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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°	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7
2.5°	20635.4	20635.1	20633.1	20634.0	20634.4	20635.8	20637.7	20639.5	20639.8	20641.4	20641.7
5°	20789.7	20738.7	20701.0	20659.4	20628.2	20600.1	20581.4	20566.5	20560.7	20562.2	20565.6
7.5°	21208.5	21103.1	21016.2	20917.3	20834.9	20747.6	20675.2	20606.5	20556.3	20519.0	20498.1
10°	21668.0	21539.7	21416.9	21273.9	21138.1	20993.3	20862.2	20730.1	20619.9	20524.2	20454.0
12.5°	21872.0	21781.3	21675.1	21540.1	21394.9	21227.8	21059.0	20878.2	20709.8	20553.7	20427.8
15°	21656.1	21656.3	21617.6	21552.7	21451.9	21318.4	21157.6	20969.0	20770.5	20568.0	20382.9
17.5°	20970.7	21100.0	21171.9	21217.4	21203.5	21154.3	21051.9	20907.1	20722.0	20506.3	20280.5
20°	19793.6	20098.7	20316.2	20511.7	20621.3	20694.1	20686.8	20627.9	20496.1	20312.7	20077.5
22.5°	18144.9	18656.9	19060.8	19437.5	19701.6	19916.6	20018.7	20062.1	20002.4	19874.6	19653.7
25°	16142.2	16838.3	17432.3	18008.8	18441.2	18812.9	19036.2	19193.5	19206.0	19139.2	18942.2
27.5°	13917.0	14738.6	15490.4	16256.6	16864.6	17398.9	17749.5	18006.0	18087.5	18076.8	17897.8
30°	11694.5	12557.1	13385.7	14279.1	15031.6	15714.2	16177.2	16524.3	16658.0	16683.6	16511.5
32.5°	9595.7	10446.2	11272.6	12206.5	13034.7	13816.9	14364.1	14776.2	14931.7	14968.3	14779.5
35°	7690.7	8475.5	9260.8	10166.1	10989.4	11799.4	12375.9	12807.4	12952.7	12977.1	12758.6
37.5°	6038.9	6707.4	7391.8	8204.1	8960.1	9720.9	10268.6	10674.2	10779.9	10773.4	10526.1
40°	4648.1	5167.9	5717.7	6386.4	7015.0	7658.1	8120.6	8455.9	8511.4	8470.3	8210.5
42.5°	3495.1	3870.5	4269.1	4768.3	5234.7	5716.0	6052.5	6301.4	6309.3	6244.3	6011.1
45°	2603.8	2970.1	3137.3	3439.0	3739.4	4059.5	4265.0	4418.8	4394.9	4337.7	4160.4
47.5°	1985.0	2125.7	2275.0	2462.2	2637.2	3000.3	2973.4	3220.3	3042.5	3163.8	2896.8
50°	1576.3	1654.9	1735.4	1834.7	1926.2	2021.1	2080.4	2124.6	2118.9	2099.9	2048.7
52.5°	1341.0	1365.3	1405.0	1461.4	1512.5	1563.8	1597.6	1625.1	1625.7	1617.9	1592.1
55°	1120.8	1151.7	1180.1	1217.1	1279.9	1289.6	1338.1	1328.2	1332.1	1318.6	1332.4
57.5°	988.2	1006.2	1022.2	1044.2	1062.3	1083.6	1096.1	1108.1	1106.9	1104.3	1091.1
60°	894.3	904.2	913.1	925.9	935.9	947.8	953.6	959.7	957.7	953.2	941.5
62.5°	821.8	828.1	833.1	841.3	847.4	854.9	857.8	860.4	857.8	853.7	843.3
65°	750.3	754.4	757.6	763.8	768.0	774.4	777.0	779.4	777.1	773.8	765.8
67.5°	685.9	686.2	685.9	688.4	689.8	693.6	694.7	696.6	693.8	691.0	684.3
70°	636.9	636.0	634.7	635.8	636.0	637.8	638.1	637.8	634.5	629.6	622.3
72.5°	598.7	598.3	597.3	598.2	598.2	599.8	599.3	598.4	594.4	589.6	582.4
75°	549.6	549.3	547.4	547.4	545.9	546.5	544.4	543.4	538.8	534.8	528.3
77.5°	492.2	491.2	488.5	487.5	484.6	483.4	479.7	477.8	473.2	470.0	464.4
80°	428.0	427.0	423.5	421.6	417.0	414.1	408.6	405.4	400.1	397.0	391.6
82.5°	353.7	354.1	350.7	348.3	341.7	336.7	329.3	325.3	319.5	316.4	310.9
85°	251.6	248.0	249.9	249.8	245.6	241.2	235.2	231.1	226.1	223.2	219.3
87.5°	138.0	138.8	137.9	137.0	134.1	131.9	127.2	124.7	121.1	119.4	116.5
90°	56.1	55.1	50.7	49.7	45.4	43.2	38.3	36.7	32.1	31.2	28.2
92.5°	43.9	41.5	39.4	36.7	34.5	32.1	29.8	27.3	24.9	23.9	23.4
95°	55.3	51.8	48.4	44.9	41.4	37.9	34.6	31.1	27.6	27.0	26.2
97.5°	62.3	58.3	54.1	50.1	46.1	42.0	37.9	33.8	29.8	29.3	28.9
100°	109.6	100.2	90.8	81.4	71.9	62.5	53.1	43.6	34.3	33.7	33.3
102.5°	248.1	225.2	202.5	179.7	157.0	134.1	111.2	88.3	65.5	62.2	59.0
105°	439.9	405.3	370.9	336.4	301.7	267.1	232.7	198.0	163.5	152.3	141.2
107.5°	578.3	545.8	513.3	480.9	448.4	416.1	383.5	351.0	318.5	298.9	279.4
110°	641.3	615.5	589.8	564.1	538.4	512.7	486.8	461.2	435.5	418.5	401.9



TEST NUMBER: P1444515
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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°	634.1	615.3	596.6	577.8	559.0	540.2	521.4	502.5	483.5	473.4	463.3
115°	574.3	563.0	551.8	540.5	529.2	517.9	506.7	495.2	483.9	478.6	473.3
117.5°	503.0	497.3	491.8	486.1	480.4	474.6	469.0	463.2	457.5	455.7	454.0
120°	430.6	429.1	427.4	425.9	424.1	422.6	420.9	419.3	417.5	417.9	418.3
122.5°	370.4	371.3	372.2	373.0	373.9	374.7	375.6	376.3	377.1	378.7	380.4
125°	328.4	330.3	332.2	334.1	336.0	337.9	339.8	341.5	343.5	345.1	346.8
127.5°	298.7	300.8	303.0	305.1	307.3	309.3	311.5	313.4	315.6	317.1	318.7
130°	278.6	280.3	282.3	284.1	286.0	287.9	289.6	291.6	293.4	294.7	296.0
132.5°	264.1	265.9	267.6	269.3	271.1	272.7	274.5	276.1	278.0	279.0	280.0
135°	255.5	256.9	258.2	259.4	260.9	262.2	263.5	265.0	266.5	267.2	268.1
137.5°	247.8	248.9	250.2	251.1	252.4	253.5	254.8	255.9	257.3	257.7	258.5
140°	241.2	242.4	243.6	244.6	246.0	247.1	248.4	249.8	251.0	251.6	252.2
142.5°	236.7	237.5	238.4	239.3	240.5	241.2	242.4	243.6	244.7	245.3	245.9
145°	231.4	232.5	233.5	234.6	235.6	236.9	238.1	239.4	240.7	241.0	241.5
147.5°	228.2	229.0	230.0	231.0	231.8	232.8	234.1	235.1	236.3	236.7	237.2
150°	224.1	225.0	225.9	226.9	228.0	229.1	230.2	231.4	232.8	233.3	233.8
152.5°	220.6	221.6	222.5	223.6	224.8	225.9	227.2	228.4	229.7	230.2	230.8
155°	217.8	218.7	219.8	221.0	222.0	223.2	224.4	225.6	226.8	227.5	228.0
157.5°	216.6	217.5	218.5	219.5	220.5	221.6	222.6	223.7	224.9	225.2	225.7
160°	216.4	217.1	218.1	218.9	219.9	220.8	221.8	222.7	223.8	224.2	224.7
162.5°	216.4	217.2	218.2	218.9	220.0	220.8	221.8	222.6	223.7	224.1	224.6
165°	217.3	217.9	218.6	219.2	219.9	220.6	221.4	222.0	222.8	223.2	223.8
167.5°	220.1	220.5	221.0	221.5	222.1	222.7	223.3	223.8	224.5	224.9	225.2
170°	221.5	221.8	222.2	222.7	223.3	223.8	224.2	224.7	225.3	225.6	226.1
172.5°	223.3	223.5	224.0	224.2	224.5	224.8	225.1	225.5	225.8	226.3	226.6
175°	225.4	225.5	225.7	225.8	225.9	226.1	226.3	226.6	226.8	227.0	227.3
177.5°	227.6	227.7	227.8	227.9	228.2	228.2	228.4	228.5	228.7	229.0	229.2
180°	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5



TEST NUMBER: P1444515
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CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7
2.5°	20641.0	20640.7	20640.0	20639.1	20638.2	20638.8	20639.6	20642.1	20646.1	20652.1	20660.0
5°	20568.5	20572.7	20575.1	20575.4	20573.2	20571.9	20574.0	20579.6	20591.0	20610.2	20636.1
7.5°	20492.5	20497.7	20505.7	20511.7	20512.8	20511.3	20511.7	20520.6	20541.7	20579.1	20631.5
10°	20411.4	20396.0	20404.1	20418.9	20430.8	20432.9	20434.4	20444.9	20475.8	20532.3	20616.5
12.5°	20336.4	20287.7	20278.3	20291.6	20309.6	20315.4	20313.7	20318.3	20354.5	20429.2	20546.5
15°	20237.9	20146.0	20114.7	20118.1	20140.3	20148.2	20142.4	20133.5	20168.8	20260.0	20412.0
17.5°	20078.4	19930.3	19872.6	19870.0	19896.0	19902.9	19888.7	19861.0	19895.6	20009.6	20198.2
20°	19836.0	19617.3	19508.6	19491.3	19519.5	19511.3	19482.8	19441.1	19486.7	19625.1	19849.4
22.5°	19400.1	19123.0	18937.4	18877.4	18911.2	18888.7	18847.2	18793.9	18854.4	19011.7	19261.5
25°	18687.8	18367.7	18113.5	17970.8	17997.7	17957.5	17912.3	17847.6	17919.8	18100.4	18375.4
27.5°	17640.9	17271.1	16956.1	16720.0	16728.7	16675.9	16623.8	16540.2	16630.3	16844.1	17154.2
30°	16248.8	15820.9	15437.2	15116.5	15087.8	15036.6	14983.2	14873.4	14986.3	15242.1	15604.5
32.5°	14500.5	14025.4	13582.1	13176.6	13100.0	13050.0	13002.5	12876.2	13023.9	13322.3	13738.5
35°	12455.9	11949.9	11469.3	11006.1	10879.2	10829.3	10787.7	10666.7	10851.0	11175.7	11625.4
37.5°	10211.7	9694.7	9217.7	8742.6	8563.5	8495.7	8465.6	8386.2	8598.9	8920.0	9371.5
40°	7907.9	7427.2	6999.5	6579.8	6375.6	6271.9	6256.1	6241.6	6447.3	6725.9	7135.7
42.5°	5752.7	5364.8	5035.0	4714.3	4529.3	4387.6	4387.5	4430.6	4615.7	4824.3	5140.3
45°	3979.3	3719.1	3508.9	3294.6	3351.9	3069.5	3235.4	3150.3	3241.8	3376.3	3581.8
47.5°	2735.4	2593.3	2477.9	2358.1	2270.9	2187.6	2194.8	2248.5	2334.7	2414.5	2521.5
50°	1993.6	1921.3	1862.4	1800.3	1756.9	1720.1	1722.2	1745.5	1790.8	1832.9	1888.8
52.5°	1562.2	1522.2	1490.3	1455.9	1433.1	1414.9	1415.8	1427.2	1451.6	1475.7	1507.8
55°	1287.6	1282.8	1241.2	1210.4	1198.6	1186.3	1188.6	1193.0	1209.7	1223.8	1245.0
57.5°	1079.0	1060.4	1047.9	1031.7	1024.2	1015.6	1017.5	1019.2	1030.3	1039.7	1055.0
60°	931.7	918.5	909.7	898.6	893.7	888.3	889.5	890.5	897.6	903.8	914.7
62.5°	833.9	822.0	814.4	805.9	802.4	798.7	799.5	799.8	804.3	808.9	817.1
65°	758.8	749.4	743.0	735.7	732.1	728.2	728.6	728.6	732.4	735.7	741.9
67.5°	679.4	672.3	668.2	662.3	659.9	656.0	655.9	654.7	657.1	658.5	662.6
70°	615.7	608.5	603.3	597.7	594.6	591.2	591.2	591.3	594.2	597.1	602.6
72.5°	576.3	569.5	564.8	560.0	556.9	554.0	553.6	553.3	555.3	556.9	560.5
75°	524.2	518.7	516.0	511.4	509.1	505.8	505.3	503.7	504.7	505.1	507.7
77.5°	461.0	455.8	453.6	448.9	447.0	443.2	442.9	441.3	442.0	441.5	443.6
80°	388.9	384.3	383.0	379.1	378.2	374.8	374.3	372.1	372.8	371.2	371.9
82.5°	308.4	304.2	303.3	299.7	299.7	296.6	296.4	293.3	293.3	290.6	286.3
85°	217.3	214.1	212.8	209.9	209.1	206.5	205.3	202.3	201.2	199.3	198.7
87.5°	114.7	112.7	110.9	109.6	106.9	102.5	102.1	98.9	99.2	97.0	97.1
90°	27.6	24.9	24.4	21.9	21.2	19.4	18.9	18.9	19.5	19.6	20.2
92.5°	22.5	21.7	20.9	20.2	19.3	18.5	17.7	18.5	19.3	20.2	20.9
95°	25.5	24.8	24.0	23.4	22.7	21.9	21.2	21.9	22.7	23.5	24.1
97.5°	28.4	27.9	27.5	27.1	26.6	26.2	25.7	26.3	26.7	27.1	27.6
100°	32.7	32.2	31.6	31.1	30.5	30.1	29.5	30.3	30.7	31.3	31.8
102.5°	55.8	52.5	49.2	45.9	42.6	39.3	36.0	39.3	42.6	46.0	49.3
105°	130.1	119.1	107.9	96.8	85.7	74.6	63.4	74.7	85.8	96.9	108.1
107.5°	259.9	240.5	220.9	201.4	181.7	162.2	142.6	162.2	181.8	201.4	221.0
110°	384.9	368.2	351.2	334.4	317.5	300.7	283.7	300.8	317.6	334.6	351.5



TEST NUMBER: P1444515
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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°	453.0	442.8	432.5	422.5	412.1	401.9	391.5	402.1	412.4	422.9	433.0
115°	468.0	462.6	457.5	452.0	446.6	441.3	435.7	441.5	447.0	452.5	458.0
117.5°	452.1	450.4	448.5	446.7	444.9	443.0	441.1	443.2	445.2	447.4	449.3
120°	418.6	419.0	419.3	419.6	419.8	420.0	420.2	420.4	420.4	420.4	420.3
122.5°	381.9	383.6	385.0	386.6	388.0	389.5	390.9	389.8	388.6	387.6	386.2
125°	348.4	350.1	351.7	353.3	354.8	356.4	357.7	356.8	355.7	354.5	353.1
127.5°	320.3	321.7	323.3	324.8	326.2	327.5	328.7	327.9	327.0	326.0	324.9
130°	297.2	298.6	299.7	301.0	301.9	303.0	303.8	303.4	302.7	302.3	301.5
132.5°	281.0	282.2	283.1	284.1	284.9	285.7	286.2	286.1	285.8	285.6	285.0
135°	269.0	269.7	270.3	271.2	271.8	272.4	272.7	272.9	272.8	272.7	272.4
137.5°	259.0	259.6	260.1	260.5	260.9	261.1	261.3	261.7	261.9	262.3	262.2
140°	252.8	253.5	253.9	254.4	254.9	255.2	255.3	255.8	256.0	256.1	256.1
142.5°	246.5	247.1	247.5	248.1	248.4	248.8	248.9	249.3	249.5	249.6	249.7
145°	242.1	242.5	242.9	243.3	243.6	243.8	243.7	244.3	244.6	244.8	245.0
147.5°	237.7	238.1	238.4	238.7	238.9	239.2	239.2	239.7	239.9	240.2	240.5
150°	234.4	234.9	235.4	235.9	236.2	236.5	236.6	237.0	237.2	237.4	237.4
152.5°	231.3	231.6	232.2	232.5	232.9	233.1	233.3	233.6	234.0	234.2	234.3
155°	228.4	229.0	229.4	229.9	230.2	230.6	230.9	231.2	231.4	231.5	231.7
157.5°	226.2	226.7	227.1	227.6	227.9	228.3	228.6	229.0	229.3	229.6	229.7
160°	225.0	225.6	225.9	226.4	226.8	227.2	227.5	227.9	228.2	228.3	228.6
162.5°	225.0	225.4	225.6	226.1	226.5	226.9	227.2	227.6	227.9	228.2	228.3
165°	224.2	224.7	225.0	225.5	226.0	226.4	226.8	227.1	227.2	227.4	227.6
167.5°	225.6	226.1	226.4	226.9	227.2	227.7	228.1	228.2	228.4	228.5	228.6
170°	226.4	226.8	227.1	227.5	227.9	228.2	228.5	228.6	228.7	228.9	229.0
172.5°	226.9	227.4	227.8	228.2	228.4	228.9	229.2	229.4	229.3	229.4	229.2
175°	227.6	228.0	228.2	228.5	228.7	229.1	229.5	229.3	229.4	229.3	229.2
177.5°	229.6	230.1	230.4	230.7	231.0	231.2	231.5	231.3	231.2	231.0	230.7
180°	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5



TEST NUMBER: P1444515
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CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7
2.5°	20671.0	20681.4	20697.2	20711.6	20733.1	20750.2	20775.8	20795.2	20824.0	20842.8	20874.1
5°	20672.9	20713.3	20766.6	20818.4	20880.8	20937.4	21007.8	21067.8	21138.5	21196.3	21268.6
7.5°	20702.1	20780.1	20873.6	20967.7	21074.3	21173.9	21286.2	21387.8	21498.9	21592.9	21695.6
10°	20723.7	20843.9	20981.7	21120.4	21266.3	21401.7	21538.7	21657.0	21767.5	21858.4	21938.7
12.5°	20694.4	20860.1	21036.9	21207.6	21369.8	21510.2	21627.9	21718.8	21781.6	21824.2	21834.2
15°	20595.0	20794.5	20986.7	21156.6	21291.3	21395.2	21448.9	21474.0	21447.0	21402.1	21303.6
17.5°	20409.3	20619.7	20791.6	20925.7	20996.7	21025.0	20980.4	20903.0	20751.6	20583.6	20341.0
20°	20069.0	20265.0	20389.6	20462.8	20443.7	20373.3	20205.2	20000.9	19698.7	19376.7	18951.7
22.5°	19471.9	19643.2	19709.7	19715.1	19598.9	19422.8	19119.6	18769.1	18292.4	17796.8	17187.3
25°	18575.7	18725.7	18736.3	18677.3	18464.8	18179.2	17734.0	17238.3	16590.5	15930.1	15166.3
27.5°	17360.2	17504.2	17468.9	17358.9	17063.9	16681.7	16111.8	15471.4	14672.8	13892.8	13047.9
30°	15832.3	15986.2	15944.8	15803.7	15452.8	15001.2	14330.5	13586.4	12699.8	11866.7	11010.5
32.5°	14003.8	14198.4	14169.8	14035.7	13669.6	13186.2	12458.5	11669.3	10762.2	9941.2	9108.4
35°	11925.6	12161.8	12174.0	12086.3	11746.4	11268.6	10550.1	9786.2	8917.3	8142.7	7373.3
37.5°	9686.4	9960.2	10016.6	9992.9	9711.1	9289.3	8634.7	7949.4	7179.7	6500.8	5842.8
40°	7434.9	7712.1	7808.3	7836.9	7628.9	7302.2	6764.9	6211.9	5584.3	5034.2	4511.7
42.5°	5381.6	5627.4	5720.3	5778.7	5649.0	5431.1	5039.2	4637.6	4177.8	3781.0	3400.7
45°	3737.6	3911.4	3982.1	4041.0	3970.3	3847.5	3599.9	3348.7	3045.3	2786.0	2540.5
47.5°	2613.2	2709.0	2755.8	2784.3	2756.9	2692.8	2558.1	2412.6	2241.3	2089.7	1944.1
50°	1936.9	1988.0	2012.3	2028.8	2009.0	1973.3	1900.4	1821.1	1727.1	1641.3	1557.4
52.5°	1535.0	1564.2	1578.7	1587.7	1576.2	1554.4	1511.9	1465.0	1408.6	1355.5	1327.7
55°	1293.1	1291.6	1325.2	1309.0	1325.2	1289.0	1281.4	1229.8	1182.9	1149.9	1114.2
57.5°	1066.4	1081.6	1088.0	1095.3	1090.5	1083.9	1065.9	1047.5	1022.8	1002.1	980.1
60°	923.1	935.6	942.7	949.8	949.4	946.9	936.5	925.4	910.0	897.6	884.3
62.5°	824.4	835.2	842.2	849.0	849.7	848.6	840.8	833.1	822.5	814.8	805.6
65°	746.7	754.4	759.1	764.5	764.3	762.8	755.6	749.2	740.6	735.2	728.5
67.5°	665.5	671.2	674.9	680.0	681.1	681.4	677.4	674.5	670.2	668.7	666.3
70°	607.7	614.6	620.6	627.1	630.6	632.3	630.6	629.1	626.6	625.5	623.8
72.5°	563.9	569.8	574.4	580.3	583.6	586.0	584.7	583.9	581.7	581.4	580.2
75°	509.5	513.6	516.2	520.7	522.4	524.7	523.7	524.2	523.5	525.2	525.1
77.5°	444.3	447.3	448.4	451.6	452.0	454.7	455.3	458.4	460.7	465.6	468.2
80°	370.7	372.6	372.6	375.9	377.4	381.9	384.1	389.2	391.6	396.0	396.4
82.5°	288.0	285.7	288.0	286.6	290.8	295.9	296.6	301.0	301.9	304.8	302.5
85°	196.8	196.7	195.0	195.3	193.9	194.6	193.8	194.6	193.9	193.9	192.0
87.5°	94.3	95.2	93.1	93.8	91.8	92.7	91.0	92.3	90.3	90.6	87.5
90°	20.5	20.9	21.2	21.8	22.6	24.0	25.5	27.0	28.7	30.2	31.7
92.5°	21.7	22.6	23.5	24.2	25.0	27.4	29.9	32.2	34.7	37.0	39.5
95°	24.9	25.6	26.3	27.2	27.9	31.4	34.9	38.3	41.8	45.3	48.8
97.5°	28.1	28.6	29.1	29.5	30.1	34.1	38.2	42.4	46.4	50.5	54.5
100°	32.5	33.0	33.5	34.0	34.6	44.0	53.5	62.9	72.3	81.8	91.2
102.5°	52.7	55.9	59.2	62.6	65.9	88.8	111.7	134.6	157.4	180.3	203.0
105°	119.3	130.4	141.6	152.7	163.9	198.5	233.2	267.8	302.3	336.9	371.6
107.5°	240.7	260.2	279.9	299.5	319.1	351.7	384.2	416.7	449.3	481.9	514.2
110°	368.6	385.3	402.4	419.3	436.2	462.0	487.9	513.7	539.5	565.3	591.0



TEST NUMBER: P1444515
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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°	443.5	453.7	464.1	474.1	484.5	503.5	522.5	541.4	560.3	579.2	598.1
115°	463.5	468.8	474.3	479.7	485.2	496.5	508.0	519.4	530.9	542.1	553.6
117.5°	451.4	453.3	455.2	457.0	458.9	464.7	470.6	476.4	482.3	488.0	493.8
120°	420.2	420.0	419.8	419.6	419.4	421.0	422.9	424.6	426.3	428.1	429.7
122.5°	385.0	383.5	382.2	380.8	379.3	378.5	377.9	377.1	376.4	375.7	375.0
125°	351.9	350.3	349.0	347.4	345.9	344.1	342.4	340.6	338.9	337.0	335.2
127.5°	323.8	322.4	321.2	319.8	318.4	316.3	314.4	312.3	310.4	308.3	306.3
130°	300.7	299.6	298.8	297.5	296.6	294.7	293.0	291.3	289.4	287.7	285.8
132.5°	284.5	283.7	283.0	282.2	281.4	279.6	278.2	276.4	274.9	273.1	271.7
135°	272.2	271.7	271.3	270.7	270.1	268.8	267.5	266.3	265.0	263.7	262.5
137.5°	262.2	261.9	261.7	261.4	261.1	260.0	259.0	257.8	256.9	255.7	254.7
140°	256.1	255.9	255.7	255.4	255.1	254.0	252.9	251.8	250.7	249.5	248.5
142.5°	249.6	249.5	249.3	249.0	248.8	247.8	247.2	246.2	245.3	244.3	243.7
145°	245.0	245.0	245.0	244.8	244.9	243.9	242.9	241.8	241.0	239.9	238.9
147.5°	240.6	240.6	240.7	240.6	240.7	239.8	239.1	238.2	237.5	236.6	235.9
150°	237.4	237.4	237.4	237.3	237.2	236.4	235.6	234.8	234.1	233.2	232.4
152.5°	234.3	234.4	234.5	234.5	234.6	233.9	233.0	232.1	231.4	230.5	229.7
155°	231.9	231.9	232.0	232.0	232.0	231.4	230.6	229.8	229.0	228.3	227.6
157.5°	229.9	230.0	230.2	230.3	230.4	229.8	229.1	228.5	227.9	227.2	226.5
160°	228.8	229.0	229.2	229.3	229.4	228.8	228.5	227.8	227.5	226.7	226.1
162.5°	228.6	228.8	229.0	229.1	229.2	228.6	228.3	227.8	227.3	226.5	226.0
165°	227.9	227.9	228.0	228.0	228.0	227.6	227.4	227.0	226.6	226.2	225.8
167.5°	228.9	228.9	229.0	229.0	229.0	228.7	228.7	228.4	228.2	227.9	227.6
170°	229.2	229.2	229.3	229.3	229.3	229.0	228.8	228.6	228.5	228.1	227.8
172.5°	229.3	229.2	229.2	229.2	229.1	228.9	228.7	228.5	228.4	228.3	228.2
175°	229.2	229.1	229.0	228.9	228.8	228.8	228.7	228.7	228.6	228.6	228.5
177.5°	230.6	230.4	230.1	230.0	229.8	229.7	229.7	229.6	229.6	229.5	229.4
180°	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5



TEST NUMBER: P1444515
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CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7
2.5°	20893.6	20764.5	20747.4	20756.6	20778.1	20786.0	20809.3	20815.7	20839.1	20844.9	20867.4
5°	21324.7	21154.1	21162.6	21203.7	21265.7	21302.8	21363.7	21395.6	21453.9	21480.4	21533.0
7.5°	21779.2	21645.3	21687.1	21756.2	21841.1	21899.9	21973.2	22020.9	22084.2	22123.3	22174.0
10°	22002.4	21965.8	22011.7	22066.1	22114.6	22152.5	22183.6	22208.5	22224.8	22240.0	22246.7
12.5°	21832.6	21889.4	21897.2	21891.9	21859.9	21835.4	21780.3	21743.0	21676.5	21636.1	21557.2
15°	21202.9	21327.8	21258.6	21153.9	21000.7	20873.0	20692.7	20558.4	20370.6	20243.1	20054.7
17.5°	20097.8	20255.5	20075.3	19833.0	19524.9	19261.2	18933.0	18672.4	18346.0	18108.5	17804.0
20°	18542.1	18689.4	18368.1	17966.5	17489.8	17088.6	16615.5	16238.0	15798.4	15471.4	15076.7
22.5°	16605.1	16710.0	16257.3	15716.0	15108.6	14607.4	14041.7	13589.2	13087.4	12713.7	12292.7
25°	14462.2	14490.5	13947.4	13323.7	12646.9	12083.6	11479.6	11003.8	10492.2	10113.2	9700.3
27.5°	12299.3	12257.7	11670.7	11009.5	10297.5	9712.0	9123.0	8677.1	8229.0	7887.7	7531.8
30°	10257.8	10157.3	9547.8	8868.0	8176.9	7652.1	7163.2	6805.1	6448.7	6177.8	5892.2
32.5°	8385.8	8243.9	7650.6	7013.8	6431.4	6026.5	5663.8	5392.9	5105.1	4876.3	4636.6
35°	6727.6	6576.4	6050.9	5511.0	5070.2	4771.7	4486.7	4264.5	4020.0	3827.0	3618.9
37.5°	5304.5	5180.7	4740.4	4315.6	3982.1	3750.8	3517.3	3335.7	3133.6	3048.8	2826.3
40°	4095.1	4008.5	3664.3	3351.1	3100.7	2992.1	2755.1	2585.3	2434.3	2309.8	2189.3
42.5°	3194.2	3163.6	2828.6	2584.3	2408.1	2271.1	2139.0	2031.8	1927.4	1841.6	1760.5
45°	2344.1	2319.8	2171.1	2030.1	1910.0	1814.3	1725.1	1651.3	1583.0	1526.5	1475.0
47.5°	1825.3	1817.6	1731.9	1644.5	1568.8	1507.4	1449.4	1400.4	1355.1	1317.4	1305.1
50°	1484.6	1483.6	1433.4	1379.4	1325.5	1290.0	1252.9	1224.0	1195.0	1172.4	1148.4
52.5°	1261.5	1255.9	1222.0	1188.8	1156.8	1133.4	1109.7	1091.3	1072.0	1058.0	1043.1
55°	1086.0	1091.7	1072.1	1052.2	1032.2	1017.6	1001.1	988.9	975.6	966.8	957.9
57.5°	964.1	971.7	961.4	950.1	937.9	928.4	917.0	908.5	899.7	894.1	888.9
60°	875.5	883.7	879.5	873.9	866.4	860.7	853.5	848.7	843.1	839.9	837.0
62.5°	800.2	810.6	809.1	806.4	801.6	798.5	794.5	792.4	788.6	787.2	785.9
65°	725.2	736.8	736.6	735.3	732.6	731.7	729.3	728.8	726.8	727.6	727.5
67.5°	666.1	676.3	678.5	680.1	680.0	680.7	680.4	681.4	681.4	682.9	683.8
70°	623.6	630.6	632.3	633.9	634.4	635.8	635.8	636.7	636.5	637.6	637.8
72.5°	580.5	589.7	591.5	592.8	592.8	594.2	593.4	593.2	591.4	591.0	589.7
75°	526.9	538.8	541.4	543.1	543.4	544.4	542.9	541.9	538.8	537.6	535.4
77.5°	470.9	483.4	485.2	485.8	484.8	485.0	481.6	479.3	475.4	473.8	471.7
80°	398.1	416.4	417.8	416.6	413.7	413.3	410.1	407.8	403.2	401.6	399.8
82.5°	302.9	324.2	327.2	328.6	326.3	326.9	323.7	322.4	318.1	317.4	314.5
85°	191.3	212.6	216.1	215.6	213.3	212.7	210.9	211.6	211.2	212.2	212.9
87.5°	87.8	108.5	113.5	111.9	111.7	110.2	106.9	108.1	110.1	111.4	111.5
90°	33.3	40.9	42.4	41.6	38.9	37.8	35.2	34.6	32.4	31.6	29.5
92.5°	41.8	44.2	46.6	44.5	42.4	40.2	38.1	35.9	33.8	31.6	29.6
95°	52.2	55.5	59.0	56.1	53.1	50.3	47.5	44.6	41.8	39.0	36.1
97.5°	58.7	62.6	66.6	63.8	60.9	58.0	55.1	52.3	49.4	46.4	43.5
100°	100.6	109.8	119.2	111.0	102.9	94.7	86.7	78.4	70.4	62.2	54.1
102.5°	225.8	248.5	271.2	250.6	230.1	209.5	189.1	168.5	148.1	127.3	106.9
105°	406.0	440.4	474.8	443.4	412.0	380.7	349.3	317.9	286.6	255.2	223.9
107.5°	546.8	578.8	611.1	582.6	554.3	525.9	497.5	469.2	440.8	412.4	384.1
110°	616.9	641.9	667.5	648.3	629.3	610.1	591.0	572.0	552.9	533.9	515.0



TEST NUMBER: P1444515
 CATALOG NUMBER: EHBR1-24-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	616.9	634.8	653.4	642.1	630.9	619.7	608.5	597.2	586.1	574.9	563.8
115°	564.7	575.1	586.0	581.4	576.9	572.4	567.8	563.3	558.8	554.3	550.0
117.5°	499.5	504.0	509.3	508.3	507.4	506.2	505.4	504.3	503.5	502.6	501.8
120°	431.5	431.7	432.9	433.2	433.6	434.0	434.4	434.8	435.2	435.7	436.1
122.5°	374.1	371.8	370.5	370.7	371.0	371.3	371.6	371.8	372.2	372.6	373.0
125°	333.5	330.0	327.5	326.5	325.6	324.5	323.5	322.4	321.5	320.6	319.7
127.5°	304.3	300.4	297.9	295.8	293.7	291.8	289.6	287.5	285.6	283.5	281.7
130°	284.2	280.4	278.1	275.6	273.0	270.5	268.0	265.5	262.9	260.4	257.9
132.5°	269.9	266.3	264.1	261.7	259.4	256.9	254.5	252.0	249.6	247.1	244.7
135°	261.2	257.6	255.9	253.6	251.6	249.3	247.1	244.8	242.6	240.3	238.2
137.5°	253.6	250.2	248.5	246.7	245.0	243.2	241.4	239.6	237.8	235.8	234.2
140°	247.4	243.7	242.1	241.0	240.1	238.7	237.8	236.6	235.5	234.4	233.2
142.5°	242.7	239.2	237.8	237.0	236.3	235.6	234.9	234.2	233.4	232.5	231.7
145°	238.0	234.1	232.5	232.2	232.2	231.9	231.7	231.5	231.4	231.0	230.8
147.5°	235.0	231.0	229.5	229.5	229.6	229.4	229.6	229.5	229.6	229.4	229.5
150°	231.5	227.0	225.2	225.4	225.5	225.7	226.0	226.0	226.3	226.5	226.6
152.5°	228.8	223.3	221.4	221.6	221.8	222.0	222.3	222.5	222.9	223.3	223.5
155°	226.6	220.7	218.6	218.6	218.6	218.7	218.8	218.9	219.1	219.3	219.6
157.5°	225.7	219.5	217.5	217.3	217.3	217.3	217.4	217.4	217.5	217.6	217.8
160°	225.5	219.4	217.3	217.1	217.1	217.1	217.0	216.9	217.0	217.1	217.3
162.5°	225.3	219.3	217.3	217.1	217.0	216.9	216.9	216.7	216.8	216.8	217.0
165°	225.3	220.1	218.3	218.2	218.2	218.2	218.2	218.2	218.3	218.4	218.6
167.5°	227.2	222.4	221.1	220.8	220.6	220.3	220.3	220.0	220.0	219.9	219.9
170°	227.5	223.8	222.4	222.4	222.5	222.4	222.3	222.4	222.4	222.3	222.4
172.5°	227.9	225.1	224.2	224.4	224.6	224.7	224.9	224.9	225.0	225.2	225.4
175°	228.4	226.8	226.4	226.3	226.4	226.5	226.6	226.6	226.7	226.8	227.1
177.5°	229.4	228.9	228.6	228.6	228.6	228.6	228.6	228.6	228.6	228.7	228.7
180°	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5



TEST NUMBER: P1444515
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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°	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7
2.5°	20871.6	20895.9	20894.1	20916.7	20915.7	20937.0	20932.7	20951.3	20947.0	20962.8	20953.6
5°	21556.2	21602.5	21617.8	21659.6	21668.2	21705.5	21706.3	21736.1	21732.5	21755.7	21743.3
7.5°	22203.8	22247.1	22267.5	22300.0	22316.2	22343.1	22353.6	22375.7	22381.0	22394.1	22393.7
10°	22258.5	22258.3	22268.5	22263.9	22273.0	22267.8	22278.9	22274.9	22291.2	22287.0	22299.3
12.5°	21523.0	21450.0	21423.5	21357.9	21343.6	21287.2	21291.3	21255.2	21272.6	21250.4	21288.2
15°	19942.5	19773.2	19689.5	19542.3	19496.1	19379.7	19370.3	19293.0	19313.9	19273.4	19332.6
17.5°	17606.8	17340.3	17194.0	16979.0	16893.7	16729.1	16696.1	16596.6	16612.0	16561.9	16633.3
20°	14822.1	14500.0	14315.5	14066.9	13955.9	13759.8	13707.7	13596.4	13610.4	13560.5	13641.3
22.5°	12005.5	11668.4	11460.1	11199.5	11057.9	10873.4	10818.1	10706.3	10712.6	10665.8	10743.5
25°	9417.3	9094.1	8891.9	8655.1	8532.3	8363.2	8305.0	8204.5	8210.3	8171.7	8241.3
27.5°	7285.0	7019.8	6850.6	6652.2	6542.0	6403.0	6346.3	6261.8	6261.5	6233.2	6291.5
30°	5692.8	5471.5	5319.5	5146.8	5043.4	4917.8	4863.0	4787.5	4784.2	4764.1	4810.4
32.5°	4457.3	4260.5	4122.0	3969.9	3877.0	3769.3	3717.4	3656.7	3651.2	3633.0	3671.0
35°	3465.0	3299.2	3180.1	3052.1	3061.5	2902.7	2929.0	2805.6	2772.1	2764.9	2793.1
37.5°	2678.1	2549.6	2452.8	2357.0	2292.1	2224.9	2188.7	2156.2	2152.6	2149.5	2169.2
40°	2096.2	2006.3	1935.9	1870.2	1825.5	1784.5	1761.9	1744.1	1739.8	1737.5	1749.4
42.5°	1696.5	1635.9	1590.6	1550.4	1523.3	1501.0	1488.6	1478.7	1475.4	1475.4	1482.5
45°	1433.4	1396.5	1367.4	1342.4	1325.1	1332.6	1310.2	1322.0	1306.5	1322.6	1311.9
47.5°	1262.3	1230.9	1212.8	1195.2	1184.7	1176.2	1176.5	1176.7	1180.0	1180.5	1184.0
50°	1130.3	1112.2	1099.5	1088.3	1082.9	1078.4	1079.9	1081.0	1084.3	1084.5	1087.0
52.5°	1032.5	1020.6	1013.1	1006.1	1003.7	1001.1	1002.2	1001.7	1003.2	1002.4	1004.4
55°	953.0	947.4	945.1	942.5	942.9	942.2	942.6	940.0	938.5	936.7	938.4
57.5°	887.8	887.0	888.7	889.7	892.7	893.8	894.5	891.6	888.8	886.2	887.7
60°	837.6	838.7	842.7	846.0	850.3	852.3	853.5	851.8	849.8	847.7	849.0
62.5°	787.9	789.9	794.6	798.2	803.4	806.1	809.1	809.2	810.0	809.2	810.1
65°	730.4	732.7	737.0	740.0	744.9	747.3	750.3	750.9	752.5	752.1	753.6
67.5°	686.6	688.8	692.4	695.2	699.5	702.0	704.6	704.8	705.4	705.3	706.7
70°	639.9	641.0	644.2	646.6	650.9	653.4	656.5	657.5	659.3	659.7	661.2
72.5°	590.2	589.7	591.7	592.7	596.0	598.0	601.9	604.1	607.3	608.1	609.3
75°	536.0	535.6	537.8	538.8	541.5	543.6	547.9	550.7	555.8	557.8	557.3
77.5°	473.4	474.4	478.7	481.1	484.8	487.3	493.0	497.5	506.6	510.6	506.5
80°	403.2	404.3	408.8	411.0	415.9	418.9	425.3	430.6	438.8	440.6	438.3
82.5°	317.0	317.3	321.3	323.0	329.3	333.8	341.9	346.1	351.1	350.4	349.7
85°	216.1	219.0	224.1	229.0	236.7	244.1	251.7	257.9	253.6	260.5	252.7
87.5°	115.5	115.2	122.0	120.9	131.7	137.9	144.5	147.6	151.2	150.4	150.5
90°	29.0	27.4	27.5	25.8	26.5	24.5	25.8	24.0	25.6	23.5	26.9
92.5°	27.3	26.3	25.0	23.9	22.7	21.7	20.5	19.3	18.1	17.0	18.1
95°	33.3	32.2	31.1	30.0	28.9	27.8	26.8	25.7	24.6	23.6	24.9
97.5°	40.7	40.1	39.5	38.9	38.2	37.6	36.9	36.4	35.7	35.1	36.0
100°	46.0	46.0	46.0	46.0	45.9	45.9	45.9	45.9	45.9	45.9	46.5
102.5°	86.3	84.3	82.2	80.2	78.2	76.0	74.0	71.9	69.9	67.9	70.9
105°	192.6	184.5	176.5	168.4	160.4	152.4	144.4	136.3	128.4	120.3	128.6
107.5°	355.9	341.1	326.5	311.8	297.2	282.5	268.0	253.4	238.8	224.2	237.3
110°	495.9	480.3	464.7	449.2	433.6	418.1	402.6	387.1	371.6	356.0	368.6



TEST NUMBER: P1444515
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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°	552.7	542.5	532.4	522.3	512.3	502.4	492.4	482.4	472.4	462.4	468.4
115°	545.5	540.7	535.8	531.1	526.2	521.4	516.5	511.9	507.1	502.4	502.7
117.5°	500.9	499.2	497.5	495.8	494.2	492.6	491.0	489.5	488.0	486.5	483.1
120°	436.7	437.0	437.4	437.8	438.3	438.9	439.1	439.7	440.4	441.0	436.4
122.5°	373.4	374.5	375.4	376.5	377.7	378.8	380.0	381.3	382.6	384.0	379.4
125°	318.7	319.7	320.7	321.6	322.6	323.9	325.0	326.3	327.5	329.0	325.2
127.5°	279.6	279.8	279.9	280.2	280.5	280.9	281.5	282.0	282.6	283.3	280.9
130°	255.5	254.8	254.1	253.7	253.0	252.6	252.3	252.0	251.7	251.6	250.6
132.5°	242.3	241.1	239.8	238.6	237.5	236.6	235.5	234.8	234.0	233.4	233.1
135°	235.8	234.3	232.6	231.2	229.6	228.3	227.0	225.9	224.8	223.8	224.1
137.5°	232.3	230.8	229.0	227.6	226.1	224.8	223.4	222.2	221.2	220.2	220.7
140°	232.0	230.4	228.8	227.4	226.0	224.7	223.4	222.3	221.1	220.3	220.6
142.5°	231.0	229.7	228.2	226.9	225.5	224.3	223.2	222.2	221.1	220.3	220.7
145°	230.6	229.5	228.3	227.4	226.5	225.6	224.7	224.1	223.3	222.8	223.0
147.5°	229.4	228.6	227.8	227.1	226.2	225.6	225.0	224.6	224.1	223.6	223.7
150°	226.8	226.3	225.8	225.3	224.9	224.6	224.1	223.8	223.5	223.2	223.2
152.5°	223.8	223.4	222.9	222.5	222.1	221.8	221.5	221.3	221.1	220.8	220.8
155°	219.8	219.6	219.4	219.3	219.1	219.2	219.0	219.1	219.0	219.0	219.1
157.5°	217.9	218.0	217.9	218.0	218.0	218.2	218.1	218.4	218.3	218.6	218.6
160°	217.6	217.5	217.4	217.5	217.5	217.4	217.5	217.6	217.7	217.7	218.0
162.5°	217.1	217.3	217.4	217.6	217.8	218.0	218.2	218.5	218.6	218.9	219.1
165°	218.7	218.7	218.7	218.7	218.8	218.9	218.9	219.1	219.2	219.4	219.7
167.5°	219.8	220.0	220.0	220.2	220.3	220.5	220.7	221.0	221.3	221.7	221.9
170°	222.4	222.4	222.4	222.4	222.4	222.5	222.6	222.7	222.8	223.0	223.2
172.5°	225.5	225.5	225.4	225.5	225.4	225.5	225.5	225.6	225.6	225.7	225.8
175°	227.0	227.3	227.4	227.5	227.6	227.7	227.8	227.9	228.0	228.1	228.1
177.5°	228.7	228.8	228.8	228.8	228.8	228.9	228.9	228.9	228.9	228.8	228.9
180°	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5



TEST NUMBER: P1444515
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CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7
2.5°	20969.0	20958.4	20969.2	20958.3	20969.2	20956.2	20965.0	20950.9	20954.5	20939.8	20943.6
5°	21761.9	21745.1	21754.0	21732.3	21734.6	21705.5	21705.0	21671.3	21662.4	21623.9	21607.0
7.5°	22403.0	22397.5	22400.6	22386.6	22385.0	22365.2	22355.8	22327.8	22310.3	22274.9	22250.7
10°	22301.5	22317.8	22322.0	22338.7	22342.2	22358.7	22362.2	22378.6	22382.0	22394.3	22394.4
12.5°	21286.5	21341.9	21355.2	21423.8	21452.6	21531.0	21573.1	21659.6	21710.9	21797.1	21850.0
15°	19330.9	19426.9	19465.2	19599.1	19673.2	19829.4	19927.6	20107.0	20233.6	20424.3	20560.2
17.5°	16639.6	16773.8	16834.4	17015.9	17134.3	17364.9	17531.1	17804.7	18014.3	18318.4	18559.3
20°	13655.1	13804.2	13886.4	14093.5	14233.2	14502.7	14710.3	15046.5	15326.9	15712.2	16041.7
22.5°	10767.8	10909.7	11000.9	11211.6	11369.0	11650.1	11882.0	12236.9	12551.1	12985.3	13380.3
25°	8267.7	8397.7	8480.2	8670.7	8818.5	9076.8	9298.3	9639.6	9946.9	10382.5	10787.6
27.5°	6320.5	6429.5	6509.0	6671.4	6801.8	7020.8	7211.1	7493.1	7758.0	8134.8	8495.5
30°	4838.9	4935.5	5012.8	5154.3	5275.1	5465.0	5632.3	5869.3	6088.4	6388.2	6675.3
32.5°	3697.7	3780.8	3849.8	3973.6	4083.3	4254.2	4405.0	4612.7	4800.8	5055.1	5291.2
35°	2819.4	2982.9	2971.3	3142.2	3169.7	3292.3	3426.8	3608.4	3775.1	3991.2	4192.3
37.5°	2188.3	2234.3	2283.6	2359.1	2438.4	2550.1	2663.7	2885.6	2966.9	3130.3	3296.7
40°	1764.6	1795.7	1828.2	1879.3	1934.9	2013.5	2096.2	2202.1	2310.6	2443.1	2578.3
42.5°	1491.9	1509.4	1530.2	1560.1	1594.3	1644.3	1699.6	1771.4	1846.8	1940.1	2035.2
45°	1332.8	1324.5	1330.7	1346.8	1367.5	1397.7	1432.7	1477.1	1526.2	1586.6	1651.0
47.5°	1184.7	1188.1	1189.9	1198.6	1209.7	1230.1	1251.2	1281.4	1339.6	1357.4	1392.5
50°	1086.8	1088.4	1087.9	1092.4	1097.9	1111.2	1124.9	1145.3	1165.7	1192.7	1218.5
52.5°	1004.8	1007.0	1006.8	1009.7	1012.7	1021.0	1029.7	1044.2	1057.5	1074.7	1089.5
55°	939.9	943.1	944.4	946.8	948.3	952.7	956.1	963.0	968.7	978.4	987.5
57.5°	890.2	894.5	896.5	897.3	895.5	895.3	894.2	895.6	896.8	902.0	907.1
60°	850.9	854.4	854.9	854.4	851.2	848.9	845.2	844.1	843.5	846.0	848.7
62.5°	809.9	811.1	810.3	809.2	805.6	803.3	799.5	798.2	796.8	798.6	800.0
65°	753.1	754.2	753.1	752.5	749.2	747.4	744.2	743.1	741.3	741.8	741.5
67.5°	707.0	708.0	707.2	706.4	704.0	703.0	700.6	699.1	696.9	696.0	694.4
70°	661.0	661.9	660.5	659.7	657.1	656.0	653.8	653.4	651.6	651.3	649.5
72.5°	608.1	608.1	606.3	605.8	603.9	603.8	602.9	603.8	603.7	604.6	604.2
75°	554.0	553.3	550.9	550.6	549.1	549.8	548.8	550.1	550.3	552.2	552.5
77.5°	499.8	496.9	492.6	490.5	487.6	487.2	485.6	486.7	486.3	488.6	489.6
80°	431.4	427.9	422.3	419.7	416.2	415.6	414.1	415.6	414.8	417.5	419.5
82.5°	344.4	341.4	335.6	333.5	329.4	329.8	328.1	329.8	329.6	333.5	335.9
85°	254.7	252.8	246.8	241.4	235.5	232.1	228.7	228.2	227.1	228.7	230.1
87.5°	147.1	145.2	140.6	137.6	127.2	127.6	123.5	123.3	122.4	121.4	123.5
90°	26.3	29.2	28.8	31.4	31.3	34.4	34.5	37.4	37.1	40.0	40.2
92.5°	19.3	20.5	21.6	22.7	23.9	25.0	26.2	27.3	29.9	32.1	34.8
95°	26.3	27.5	28.9	30.3	31.6	32.9	34.2	35.6	39.3	42.9	46.5
97.5°	36.8	37.8	38.7	39.6	40.4	41.4	42.3	43.1	47.0	51.0	54.9
100°	47.3	48.0	48.7	49.5	50.1	50.8	51.6	52.3	59.9	67.5	75.0
102.5°	73.9	77.0	80.0	83.0	86.0	89.1	92.1	95.1	112.6	129.9	147.3
105°	136.9	145.2	153.5	161.7	170.1	178.3	186.7	195.0	222.9	250.6	278.7
107.5°	250.4	263.4	276.5	289.7	302.8	316.0	329.1	342.3	369.4	396.6	423.8
110°	381.0	393.6	406.0	418.6	431.0	443.6	456.0	468.7	485.0	501.3	517.8



TEST NUMBER: P1444515
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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°	474.5	480.5	486.7	492.9	499.1	505.2	511.4	517.6	525.8	534.0	542.2
115°	503.1	503.5	504.0	504.4	505.0	505.4	506.0	506.5	509.2	512.0	514.7
117.5°	479.8	476.5	473.2	470.0	466.8	463.7	460.5	457.5	457.1	456.6	456.4
120°	432.2	427.8	423.3	418.9	414.6	410.3	406.2	402.0	400.0	397.9	396.0
122.5°	375.0	370.7	366.3	362.1	357.9	353.6	349.5	345.5	344.2	342.9	341.5
125°	321.5	317.9	314.4	310.9	307.4	304.1	300.8	297.5	297.7	297.8	298.1
127.5°	278.7	276.6	274.5	272.5	270.5	268.7	266.8	265.0	266.4	267.5	268.9
130°	249.7	248.8	248.1	247.3	246.8	246.2	245.6	245.1	247.2	249.1	251.1
132.5°	233.2	233.1	233.2	233.3	233.6	233.8	234.3	234.5	236.8	238.9	241.2
135°	224.5	224.9	225.5	225.9	226.7	227.4	228.2	228.9	231.3	233.2	235.5
137.5°	221.4	221.8	222.5	223.3	224.3	225.0	226.1	227.0	228.7	230.5	232.2
140°	221.2	221.5	222.1	222.8	223.6	224.2	225.1	225.9	227.5	228.8	230.3
142.5°	221.3	221.7	222.2	222.8	223.6	224.2	225.0	225.6	226.8	227.9	229.0
145°	223.4	223.7	224.3	224.7	225.2	225.8	226.4	227.0	227.9	228.4	229.2
147.5°	224.0	224.3	224.7	225.0	225.4	225.8	226.2	226.6	227.3	227.8	228.2
150°	223.4	223.5	223.8	224.0	224.4	224.7	225.0	225.2	225.7	226.1	226.7
152.5°	221.1	221.2	221.4	221.6	221.8	222.0	222.2	222.5	223.0	223.4	223.9
155°	219.3	219.6	219.9	220.2	220.6	220.7	221.1	221.4	221.8	222.0	222.4
157.5°	218.9	219.1	219.5	219.6	220.0	220.3	220.6	220.8	221.2	221.5	221.8
160°	218.4	218.7	219.0	219.3	219.8	220.1	220.5	220.9	221.2	221.5	221.8
162.5°	219.5	219.8	220.1	220.3	220.6	221.0	221.2	221.5	221.9	222.2	222.7
165°	220.2	220.5	221.0	221.3	221.8	222.1	222.4	222.8	223.1	223.4	223.6
167.5°	222.3	222.5	223.0	223.3	223.7	224.0	224.4	224.8	225.0	225.1	225.5
170°	223.5	223.9	224.2	224.4	224.8	225.0	225.3	225.6	226.0	226.3	226.7
172.5°	226.0	226.3	226.6	226.6	226.9	227.2	227.5	227.7	228.0	228.2	228.4
175°	228.1	228.1	228.2	228.2	228.3	228.3	228.3	228.5	228.6	228.7	228.7
177.5°	229.0	229.1	229.2	229.3	229.4	229.5	229.6	229.7	229.7	229.7	229.7
180°	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5



TEST NUMBER: P1444515
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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°	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7
2.5°	20929.0	20929.8	20913.0	20912.0	20896.2	20894.2	20878.8	20874.1	20861.6	20857.1	20844.3
5°	21563.9	21543.3	21495.8	21467.9	21420.9	21389.8	21339.0	21305.9	21256.8	21219.8	21170.5
7.5°	22206.0	22174.1	22120.8	22077.6	22012.4	21960.4	21884.1	21821.7	21739.1	21667.6	21580.9
10°	22394.4	22389.5	22375.9	22356.1	22325.8	22291.8	22239.9	22185.8	22113.4	22034.8	21938.3
12.5°	21931.0	21981.0	22049.3	22089.7	22139.0	22160.5	22180.6	22175.6	22162.3	22122.6	22066.8
15°	20757.0	20897.6	21083.9	21228.2	21394.2	21514.8	21648.1	21731.1	21813.9	21852.1	21875.6
17.5°	18889.6	19155.8	19489.8	19766.4	20085.7	20342.1	20623.1	20834.7	21052.3	21208.2	21349.2
20°	16490.8	16876.6	17348.8	17766.0	18251.1	18672.6	19134.5	19513.7	19904.8	20210.5	20499.9
22.5°	13889.0	14347.2	14918.0	15446.8	16072.1	16634.1	17268.2	17820.1	18396.2	18877.6	19343.1
25°	11330.5	11833.0	12457.2	13047.2	13755.4	14409.0	15161.1	15848.8	16593.5	17240.1	17878.8
27.5°	8994.3	9487.5	10124.9	10752.9	11501.7	12198.3	13004.0	13761.7	14609.8	15391.7	16191.6
30°	7074.1	7492.4	8063.8	8672.2	9410.8	10119.6	10934.0	11713.4	12595.5	13449.3	14350.3
32.5°	5604.6	5923.3	6372.5	6886.9	7568.5	8243.1	9018.6	9771.0	10639.6	11502.1	12439.3
35°	4451.0	4699.7	5042.2	5443.6	6020.7	6602.3	7288.2	7972.4	8782.9	9601.3	10512.1
37.5°	3509.9	3711.6	3979.9	4281.5	4744.4	5221.6	5784.1	6351.3	7055.4	7780.9	8606.4
40°	2740.8	2904.2	3113.0	3337.9	3687.5	4055.2	4490.2	4930.0	5495.8	6088.7	6771.9
42.5°	2153.1	2273.7	2421.1	2585.5	2911.6	3106.9	3401.8	3719.9	4135.9	4566.3	5079.9
45°	1729.1	1811.3	1913.6	2023.9	2175.2	2340.9	2542.9	2754.7	3149.8	3343.6	3656.1
47.5°	1444.1	1499.2	1564.3	1633.7	1723.0	1819.3	1939.1	2061.6	2220.0	2384.2	2576.8
50°	1252.0	1308.1	1330.4	1366.4	1418.1	1473.1	1540.6	1608.2	1693.2	1779.3	1878.3
52.5°	1109.4	1127.8	1152.1	1174.9	1207.0	1269.5	1289.8	1325.2	1372.8	1419.4	1471.4
55°	1000.6	1012.5	1028.4	1042.1	1061.4	1080.0	1106.7	1130.2	1162.0	1190.0	1224.6
57.5°	915.9	923.5	934.4	943.5	956.0	966.5	982.1	994.8	1013.2	1029.1	1050.0
60°	854.3	859.4	866.7	872.7	880.7	886.1	893.9	899.8	909.5	917.6	929.3
62.5°	804.1	806.6	811.5	815.0	820.0	822.8	826.9	829.5	834.8	838.9	845.4
65°	743.7	744.4	747.6	749.0	753.0	754.5	757.9	759.1	763.5	766.5	772.2
67.5°	694.3	692.9	693.0	691.8	692.4	691.2	691.5	690.3	692.1	693.0	697.4
70°	649.2	647.2	646.6	644.6	643.9	641.8	641.2	639.3	639.1	638.4	639.9
72.5°	605.2	604.7	604.8	603.4	603.2	601.7	601.8	600.9	601.9	602.3	604.4
75°	554.6	554.8	555.8	554.4	554.8	553.7	554.0	553.0	553.6	553.3	555.3
77.5°	493.1	494.5	497.2	496.6	497.5	496.2	496.7	495.1	495.6	494.5	495.3
80°	423.8	426.9	430.5	430.3	431.9	430.9	432.3	430.7	431.4	429.5	429.1
82.5°	341.6	344.2	348.1	348.2	351.6	352.3	355.9	355.9	358.2	356.6	355.6
85°	233.6	235.3	238.7	240.6	244.0	246.2	249.8	251.2	248.6	253.4	249.6
87.5°	122.0	126.5	123.9	129.8	128.5	134.5	133.1	138.7	137.6	142.3	141.8
90°	43.9	44.5	48.4	49.2	53.7	55.0	57.2	55.7	57.9	56.4	58.5
92.5°	37.1	39.8	42.3	44.8	47.2	49.8	47.4	45.1	42.9	40.6	38.2
95°	50.2	53.8	57.5	61.2	64.8	68.5	64.6	60.7	56.8	52.8	49.0
97.5°	58.9	62.7	66.7	70.6	74.7	78.5	73.9	69.2	64.7	60.1	55.5
100°	82.6	90.4	97.9	105.5	113.2	120.7	112.2	103.6	94.9	86.3	77.6
102.5°	164.8	182.3	199.7	217.1	234.5	251.9	233.7	215.5	197.1	178.8	160.5
105°	306.4	334.3	362.2	390.1	417.9	445.9	416.3	386.6	356.9	327.3	297.6
107.5°	451.1	478.1	505.5	532.6	559.9	587.1	557.1	527.0	497.0	466.9	436.8
110°	534.2	550.6	566.9	583.5	599.8	616.3	594.4	572.5	550.6	528.6	506.7



TEST NUMBER: P1444515
 CATALOG NUMBER: EHBR1-24-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	550.6	558.8	567.0	575.5	583.6	592.1	576.4	560.8	545.2	529.6	513.9
115°	517.5	520.1	522.9	525.7	528.4	531.3	520.8	510.3	499.7	489.4	478.7
117.5°	456.1	455.8	455.4	455.4	454.9	454.8	449.0	443.1	437.4	431.5	425.7
120°	394.0	392.0	390.0	388.1	386.1	384.0	381.7	379.4	377.0	374.6	372.1
122.5°	340.2	339.1	337.8	336.5	335.1	333.7	333.0	332.3	331.3	330.5	329.7
125°	298.2	298.4	298.5	298.7	298.9	299.0	298.7	298.4	298.1	297.9	297.5
127.5°	269.9	271.3	272.4	273.6	274.7	276.0	276.0	276.1	276.1	276.2	276.2
130°	253.1	255.0	256.9	258.8	260.6	262.7	262.5	262.5	262.4	262.3	262.2
132.5°	243.5	245.6	247.8	250.2	252.1	254.3	254.1	254.0	253.7	253.7	253.6
135°	237.6	239.6	241.6	243.9	245.7	247.7	247.4	247.4	247.0	246.9	246.6
137.5°	233.9	235.7	237.3	239.0	240.6	242.2	241.9	241.7	241.3	241.2	241.0
140°	231.5	233.0	234.3	235.7	237.0	238.3	237.9	237.6	237.1	236.7	236.2
142.5°	230.1	231.2	232.1	233.2	234.2	235.2	234.5	233.8	233.2	232.6	231.9
145°	230.0	230.8	231.4	232.1	232.6	233.4	232.5	231.8	230.9	230.2	229.4
147.5°	228.7	229.2	229.5	230.1	230.4	231.0	230.1	229.3	228.5	227.8	226.9
150°	227.0	227.5	227.8	228.2	228.5	229.0	228.1	227.2	226.3	225.4	224.7
152.5°	224.3	224.6	224.9	225.2	225.5	225.9	225.0	224.4	223.4	222.5	221.7
155°	222.5	222.9	223.1	223.4	223.5	223.7	222.9	222.4	221.6	220.9	220.1
157.5°	221.9	222.2	222.5	222.6	222.8	223.0	222.5	222.0	221.5	220.9	220.3
160°	221.9	222.2	222.4	222.6	222.8	222.9	222.4	222.1	221.7	221.2	220.6
162.5°	222.9	223.2	223.5	223.8	224.1	224.4	223.8	223.3	222.8	222.2	221.6
165°	223.9	224.1	224.3	224.6	224.6	224.9	224.5	224.2	223.7	223.4	223.0
167.5°	225.6	225.9	226.1	226.3	226.4	226.6	226.2	226.0	225.5	225.2	224.8
170°	226.9	227.0	227.4	227.6	227.8	228.0	227.7	227.5	227.1	226.8	226.5
172.5°	228.7	228.8	228.9	229.2	229.3	229.6	229.2	228.9	228.6	228.2	228.0
175°	228.7	228.8	229.0	229.0	229.0	229.1	228.8	228.5	228.3	228.1	227.8
177.5°	229.7	229.7	229.7	229.6	229.6	229.6	229.4	229.2	229.0	228.8	228.6
180°	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5



TEST NUMBER: P1444515
 CATALOG NUMBER: EHBR1-24-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7	20709.7
2.5°	20839.9	20830.7	20824.9	20817.5	20812.9	20807.2	20803.0	20799.3	20796.4	20793.8	20791.8
5°	21132.9	21086.2	21050.1	21011.0	20978.8	20946.7	20922.0	20901.5	20887.4	20876.8	20870.5
7.5°	21506.0	21420.7	21344.8	21265.0	21193.5	21123.1	21062.5	21010.2	20970.9	20945.5	20930.1
10°	21839.1	21725.0	21612.1	21493.3	21380.6	21271.3	21170.5	21081.8	21011.5	20964.8	20937.6
12.5°	21988.5	21891.2	21775.9	21647.0	21508.9	21369.2	21233.0	21110.2	21007.1	20938.0	20898.0
15°	21856.9	21817.0	21738.8	21638.6	21507.6	21363.2	21203.3	21053.1	20914.8	20825.1	20773.1
17.5°	21429.0	21484.7	21478.7	21440.4	21346.3	21224.7	21061.8	20893.0	20720.1	20600.3	20534.8
20°	20706.9	20882.1	20970.9	21016.6	20979.6	20900.7	20753.3	20581.9	20380.4	20224.0	20128.4
22.5°	19692.2	20001.4	20194.2	20335.2	20365.1	20338.3	20208.0	20045.1	19820.4	19632.3	19491.3
25°	18385.8	18838.9	19143.5	19382.3	19475.0	19499.0	19388.1	19226.1	18975.7	18756.6	18562.9
27.5°	16847.2	17435.9	17842.6	18163.4	18308.2	18371.0	18269.0	18103.7	17807.4	17545.9	17292.9
30°	15115.0	15813.4	16303.0	16687.7	16864.2	16947.2	16838.8	16654.3	16309.6	15994.9	15676.2
32.5°	13260.9	14025.3	14558.8	14976.6	15151.5	15229.5	15087.8	14880.5	14482.0	14111.3	13739.6
35°	11319.8	12091.3	12629.3	13035.9	13182.5	13229.6	13048.3	12808.7	12367.2	11960.4	11555.2
37.5°	9339.1	10056.8	10545.8	10910.7	11001.5	11009.7	10791.2	10526.6	10062.6	9661.4	9258.0
40°	7375.5	7980.8	8375.7	8667.7	8699.2	8671.1	8433.7	8167.4	7733.3	7373.9	7019.8
42.5°	5526.0	5982.8	6264.5	6464.7	6452.8	6397.4	6179.6	5950.8	5592.6	5318.9	5040.1
45°	3941.4	4242.7	4407.4	4524.5	4486.9	4434.0	4264.5	4104.1	3860.7	3683.9	3496.6
47.5°	2738.1	3097.9	3035.3	3264.3	3067.0	3197.3	2925.9	2776.3	2647.2	2553.2	2447.3
50°	1960.3	2042.7	2082.6	2109.7	2095.3	2075.3	2026.5	1982.9	1923.9	1880.9	1830.7
52.5°	1513.9	1555.1	1577.7	1594.0	1590.8	1583.5	1562.3	1542.8	1515.1	1497.0	1475.0
55°	1282.3	1282.9	1324.4	1306.7	1332.9	1302.1	1314.2	1280.1	1285.6	1256.2	1236.6
57.5°	1065.5	1082.5	1090.0	1097.4	1095.4	1094.0	1085.8	1081.7	1072.4	1069.6	1063.0
60°	937.3	946.2	948.0	951.4	948.5	947.4	941.0	938.7	932.5	931.3	927.0
62.5°	849.4	853.8	853.8	853.8	850.2	846.7	839.5	835.7	830.5	829.3	826.8
65°	776.0	780.6	781.4	782.4	779.8	777.0	770.7	766.6	761.2	759.1	756.2
67.5°	700.3	705.2	706.9	709.5	707.9	707.3	703.1	701.4	697.8	697.0	694.3
70°	640.7	642.8	642.7	642.6	639.2	636.2	631.2	628.8	625.1	624.3	621.8
72.5°	605.3	606.8	605.9	604.6	600.2	595.7	589.9	585.7	580.7	577.6	574.2
75°	555.5	557.4	556.3	555.4	551.4	548.5	543.9	541.5	538.0	537.1	534.6
77.5°	494.4	495.3	493.2	493.1	490.0	488.2	484.7	484.0	481.5	481.6	479.3
80°	426.2	425.8	422.6	421.9	418.9	418.1	415.4	415.6	413.5	414.4	412.8
82.5°	350.7	348.9	344.6	343.4	339.9	339.7	337.8	339.4	338.1	339.9	338.9
85°	251.3	251.9	250.1	250.1	249.1	249.4	249.2	250.4	250.5	252.2	252.1
87.5°	140.1	142.1	141.8	143.6	143.5	145.6	146.3	149.3	149.7	152.6	152.6
90°	57.1	59.5	58.1	60.5	60.0	62.9	62.9	65.8	65.4	68.0	66.9
92.5°	35.9	33.6	31.4	29.0	27.8	26.5	25.7	24.1	23.2	21.8	20.7
95°	45.0	41.1	37.1	33.3	31.9	30.4	29.2	27.8	26.5	25.1	23.9
97.5°	50.8	46.3	41.6	36.9	35.8	34.6	33.4	32.2	31.0	29.9	28.7
100°	68.9	60.3	51.8	43.1	42.1	41.1	40.1	39.2	38.1	37.1	36.2
102.5°	142.2	123.8	105.5	87.2	83.7	80.2	76.8	73.2	69.7	66.2	62.8
105°	267.9	238.2	208.5	178.7	169.3	159.8	150.4	141.0	131.5	122.1	112.7
107.5°	406.7	376.5	346.3	316.1	298.7	281.3	263.8	246.3	228.9	211.4	193.9
110°	484.8	462.8	440.8	418.7	404.8	390.8	376.7	362.6	348.6	334.4	320.4



TEST NUMBER: P1444515
 CATALOG NUMBER: EHBR1-24-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	498.2	482.6	466.8	451.0	444.8	438.4	432.1	425.7	419.3	412.8	406.5
115°	468.2	457.6	447.0	436.2	434.2	432.0	429.8	427.5	425.4	423.0	420.8
117.5°	419.7	413.9	407.9	402.0	402.5	402.9	403.4	403.7	404.0	404.3	404.6
120°	369.6	367.2	364.8	362.3	364.4	366.4	368.5	370.2	372.2	374.0	375.8
122.5°	328.9	327.9	327.1	326.1	328.6	331.1	333.5	335.8	338.1	340.2	342.5
125°	297.2	296.7	296.4	295.9	298.5	301.0	303.4	305.7	308.0	310.2	312.4
127.5°	276.3	276.3	276.4	276.3	278.4	279.9	281.8	283.4	285.1	286.5	288.0
130°	262.1	262.0	261.9	261.8	263.4	265.1	266.8	268.3	269.7	271.0	272.4
132.5°	253.5	253.3	253.1	252.9	254.2	255.3	256.7	257.6	258.7	259.5	260.4
135°	246.5	246.0	245.9	245.5	246.8	248.0	249.1	250.0	251.0	251.7	252.5
137.5°	240.8	240.4	240.1	239.8	240.9	241.9	242.9	243.9	244.6	245.5	246.1
140°	236.0	235.4	235.1	234.6	235.7	236.6	237.6	238.2	239.1	239.6	240.3
142.5°	231.4	230.6	230.1	229.3	230.1	230.7	231.4	232.0	232.5	233.0	233.4
145°	228.6	227.8	227.0	226.2	226.8	227.3	227.8	228.3	228.6	228.9	229.2
147.5°	226.2	225.3	224.5	223.6	224.2	224.6	224.9	225.1	225.5	225.7	225.9
150°	223.7	222.7	221.8	220.9	221.3	221.6	221.8	222.1	222.3	222.4	222.6
152.5°	220.7	219.8	218.9	218.0	218.3	218.5	218.6	218.7	218.8	218.9	219.0
155°	219.4	218.6	217.8	216.9	217.2	217.3	217.4	217.6	217.5	217.5	217.6
157.5°	219.6	218.9	218.4	217.7	217.7	217.7	217.7	217.5	217.4	217.3	217.2
160°	220.2	219.5	219.0	218.4	218.3	218.3	218.3	218.1	218.0	217.8	217.7
162.5°	221.0	220.4	219.7	219.0	218.9	219.0	218.9	218.7	218.6	218.4	218.3
165°	222.6	222.0	221.7	221.0	220.9	220.8	220.7	220.4	220.2	219.9	219.7
167.5°	224.4	223.9	223.4	222.7	222.8	222.8	222.7	222.6	222.4	222.2	222.1
170°	226.1	225.6	225.3	224.9	224.8	224.7	224.6	224.4	224.2	224.0	223.8
172.5°	227.5	227.1	226.8	226.2	226.2	226.1	226.0	225.9	225.6	225.5	225.4
175°	227.4	227.2	226.7	226.4	226.3	226.3	226.2	226.1	225.9	225.9	225.7
177.5°	228.4	228.2	228.0	227.8	227.7	227.7	227.6	227.5	227.5	227.5	227.4
180°	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5



TEST NUMBER: P1444515
CATALOG NUMBER: EHBR1-24-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	20709.7	20709.7
2.5°	20789.9	20788.9
5°	20867.2	20865.9
7.5°	20926.0	20925.7
10°	20932.9	20936.5
12.5°	20891.1	20894.1
15°	20769.2	20774.9
17.5°	20536.0	20543.4
20°	20134.3	20142.0
22.5°	19483.7	19486.9
25°	18537.9	18524.5
27.5°	17248.5	17225.4
30°	15609.2	15586.9
32.5°	13654.9	13640.9
35°	11455.0	11446.2
37.5°	9138.8	9120.8
40°	6890.2	6837.9
42.5°	4918.1	4826.2
45°	3398.8	3289.9
47.5°	2372.8	2305.5
50°	1798.5	1776.7
52.5°	1465.5	1460.3
55°	1236.5	1234.2
57.5°	1064.4	1063.7
60°	929.3	929.0
62.5°	828.4	828.8
65°	757.5	757.7
67.5°	695.0	694.5
70°	622.8	622.2
72.5°	573.0	572.2
75°	534.6	534.2
77.5°	480.1	479.2
80°	413.8	412.8
82.5°	340.4	339.2
85°	253.9	253.9
87.5°	155.3	155.2
90°	69.2	67.9
92.5°	19.7	18.7
95°	22.5	21.1
97.5°	27.5	26.4
100°	35.2	34.2
102.5°	59.3	55.9
105°	103.2	93.8
107.5°	176.5	159.0
110°	306.3	292.2



TEST NUMBER: P1444515
CATALOG NUMBER: EHBR1-24-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	400.0	393.6
115°	418.3	416.0
117.5°	404.8	405.1
120°	377.5	379.2
122.5°	344.4	346.4
125°	314.4	316.5
127.5°	289.2	290.5
130°	273.2	274.5
132.5°	261.0	261.6
135°	253.1	253.6
137.5°	246.5	247.0
140°	240.6	241.0
142.5°	233.6	233.9
145°	229.4	229.6
147.5°	225.7	225.9
150°	222.6	222.6
152.5°	218.9	219.0
155°	217.5	217.4
157.5°	216.9	216.7
160°	217.4	217.2
162.5°	218.0	217.8
165°	219.3	219.0
167.5°	221.8	221.8
170°	223.5	223.4
172.5°	225.2	225.0
175°	225.6	225.6
177.5°	227.4	227.2
180°	228.5	228.5

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



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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-3

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L835-N

Data in this report applies to families of products including EHBR-60-L835-N

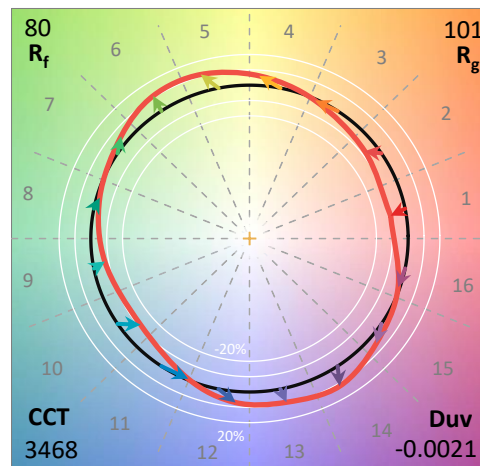
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-472-3
 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-L835-N**
 Description: Elevate Round Highbay at, 60000 lumens, 3500K 80CRI LEDs with N lens

Spectral Parameters

CCT (K): 3468
 CIE u': 0.2375
 CIE v': 0.5091
 Duv: -0.0021
 CIE x: 0.4049
 CIE y: 0.3856
 CIE z: 0.2095
 Peak Wavelength (nm): 630
 Dominant Wavelength (nm): 581
 Purity: 37.24544
 Rf: 80.1
 Rg: 101

CRI (Ra):	82.1		
R1:	82.9	R9:	27.6
R2:	85.6	R10:	63.8
R3:	85.9	R11:	81.2
R4:	82.8	R12:	57.2
R5:	81.0	R13:	82.6
R6:	79.7	R14:	91.0
R7:	86.5	R15:	79.4
R8:	72.1		



Test Conditions

Stabilization Time: 39M
 Operation Time: 1H 39M
 Sphere Temperature (°C): 25.0

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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

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CIE 1931 Chromaticity Diagram



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



CCT = 3468K
 CIE x = 0.4049
 CIE y = 0.3856
 Duv = -0.0021

Point lies inside the ANSI 3500K 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	60	NR	620	327	NR	750	7	NR	880	0	NR
365	0	NR	495	82	NR	625	322	NR	755	6	NR	885	0	NR
370	0	NR	500	114	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	152	NR	635	645	NR	765	4	NR	895	0	NR
380	0	NR	510	189	NR	640	197	NR	770	4	NR	900	0	NR
385	1	NR	515	222	NR	645	189	NR	775	3	NR	905	0	NR
390	2	NR	520	248	NR	650	163	NR	780	3	NR	910	0	NR
395	3	NR	525	268	NR	655	134	NR	785	2	NR	915	0	NR
400	4	NR	530	283	NR	660	113	NR	790	2	NR	920	0	NR
405	6	NR	535	294	NR	665	94	NR	795	2	NR	925	0	NR
410	9	NR	540	305	NR	670	87	NR	800	2	NR	930	0	NR
415	18	NR	545	314	NR	675	70	NR	805	1	NR	935	0	NR
420	34	NR	550	323	NR	680	60	NR	810	1	NR	940	0	NR
425	62	NR	555	335	NR	685	51	NR	815	1	NR	945	0	NR
430	102	NR	560	346	NR	690	44	NR	820	1	NR	950	0	NR
435	159	NR	565	356	NR	695	38	NR	825	1	NR	955	0	NR
440	241	NR	570	364	NR	700	32	NR	830	1	NR	960	0	NR
445	363	NR	575	371	NR	705	28	NR	835	1	NR	965	0	NR
450	389	NR	580	375	NR	710	24	NR	840	1	NR	970	0	NR
455	245	NR	585	375	NR	715	20	NR	845	0	NR	975	0	NR
460	158	NR	590	373	NR	720	17	NR	850	0	NR	980	0	NR
465	120	NR	595	364	NR	725	15	NR	855	0	NR	985	0	NR
470	79	NR	600	357	NR	730	13	NR	860	0	NR	990	0	NR
475	57	NR	605	349	NR	735	11	NR	865	0	NR	995	0	NR
480	51	NR	610	371	NR	740	9	NR	870	0	NR	1000	0	NR
485	51	NR	615	387	NR	745	8	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.43

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	60	NR	620	327	NR	750	7	NR	880	0	NR
365	0	NR	495	82	NR	625	322	NR	755	6	NR	885	0	NR
370	0	NR	500	114	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	152	NR	635	645	NR	765	4	NR	895	0	NR
380	0	NR	510	189	NR	640	197	NR	770	4	NR	900	0	NR
385	1	NR	515	222	NR	645	189	NR	775	3	NR	905	0	NR
390	2	NR	520	248	NR	650	163	NR	780	3	NR	910	0	NR
395	3	NR	525	268	NR	655	134	NR	785	2	NR	915	0	NR
400	4	NR	530	283	NR	660	113	NR	790	2	NR	920	0	NR
405	6	NR	535	294	NR	665	94	NR	795	2	NR	925	0	NR
410	9	NR	540	305	NR	670	87	NR	800	2	NR	930	0	NR
415	18	NR	545	314	NR	675	70	NR	805	1	NR	935	0	NR
420	34	NR	550	323	NR	680	60	NR	810	1	NR	940	0	NR
425	62	NR	555	335	NR	685	51	NR	815	1	NR	945	0	NR
430	102	NR	560	346	NR	690	44	NR	820	1	NR	950	0	NR
435	159	NR	565	356	NR	695	38	NR	825	1	NR	955	0	NR
440	241	NR	570	364	NR	700	32	NR	830	1	NR	960	0	NR
445	363	NR	575	371	NR	705	28	NR	835	1	NR	965	0	NR
450	389	NR	580	375	NR	710	24	NR	840	1	NR	970	0	NR
455	245	NR	585	375	NR	715	20	NR	845	0	NR	975	0	NR
460	158	NR	590	373	NR	720	17	NR	850	0	NR	980	0	NR
465	120	NR	595	364	NR	725	15	NR	855	0	NR	985	0	NR
470	79	NR	600	357	NR	730	13	NR	860	0	NR	990	0	NR
475	57	NR	605	349	NR	735	11	NR	865	0	NR	995	0	NR
480	51	NR	610	371	NR	740	9	NR	870	0	NR	1000	0	NR
485	51	NR	615	387	NR	745	8	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.75

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	60	NR	620	327	NR	750	7	NR	880	0	NR
365	0	NR	495	82	NR	625	322	NR	755	6	NR	885	0	NR
370	0	NR	500	114	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	152	NR	635	645	NR	765	4	NR	895	0	NR
380	0	NR	510	189	NR	640	197	NR	770	4	NR	900	0	NR
385	1	NR	515	222	NR	645	189	NR	775	3	NR	905	0	NR
390	2	NR	520	248	NR	650	163	NR	780	3	NR	910	0	NR
395	3	NR	525	268	NR	655	134	NR	785	2	NR	915	0	NR
400	4	NR	530	283	NR	660	113	NR	790	2	NR	920	0	NR
405	6	NR	535	294	NR	665	94	NR	795	2	NR	925	0	NR
410	9	NR	540	305	NR	670	87	NR	800	2	NR	930	0	NR
415	18	NR	545	314	NR	675	70	NR	805	1	NR	935	0	NR
420	34	NR	550	323	NR	680	60	NR	810	1	NR	940	0	NR
425	62	NR	555	335	NR	685	51	NR	815	1	NR	945	0	NR
430	102	NR	560	346	NR	690	44	NR	820	1	NR	950	0	NR
435	159	NR	565	356	NR	695	38	NR	825	1	NR	955	0	NR
440	241	NR	570	364	NR	700	32	NR	830	1	NR	960	0	NR
445	363	NR	575	371	NR	705	28	NR	835	1	NR	965	0	NR
450	389	NR	580	375	NR	710	24	NR	840	1	NR	970	0	NR
455	245	NR	585	375	NR	715	20	NR	845	0	NR	975	0	NR
460	158	NR	590	373	NR	720	17	NR	850	0	NR	980	0	NR
465	120	NR	595	364	NR	725	15	NR	855	0	NR	985	0	NR
470	79	NR	600	357	NR	730	13	NR	860	0	NR	990	0	NR
475	57	NR	605	349	NR	735	11	NR	865	0	NR	995	0	NR
480	51	NR	610	371	NR	740	9	NR	870	0	NR	1000	0	NR
485	51	NR	615	387	NR	745	8	NR	875	0	NR			

Summary

$R_f = 80.1$
 $R_g = 101$
 $CIE R_a = 82.1$
 $R_9 = 27.6$

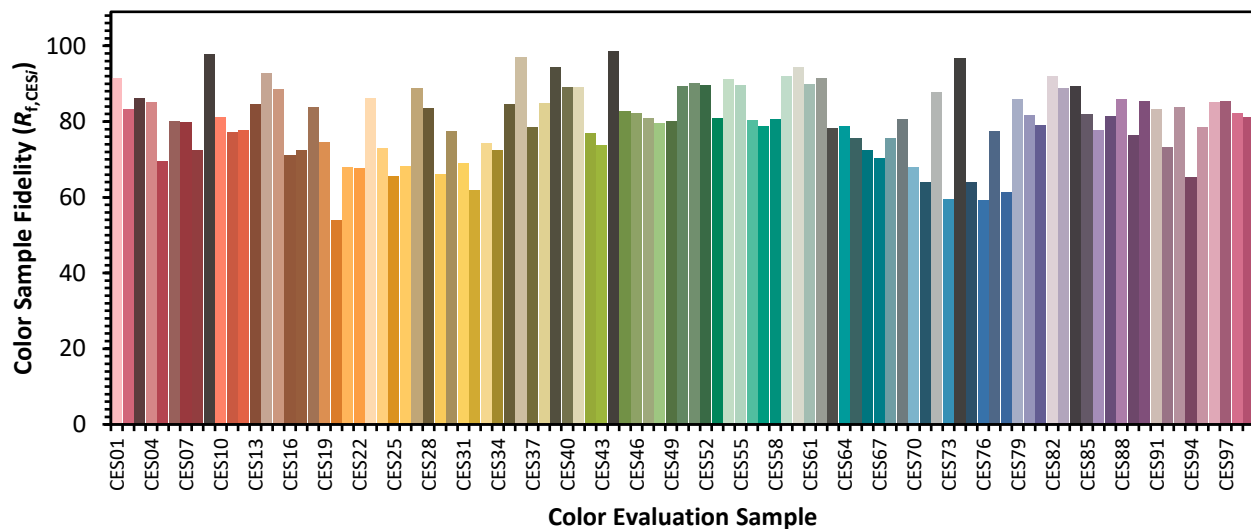


Color Vector Graphics

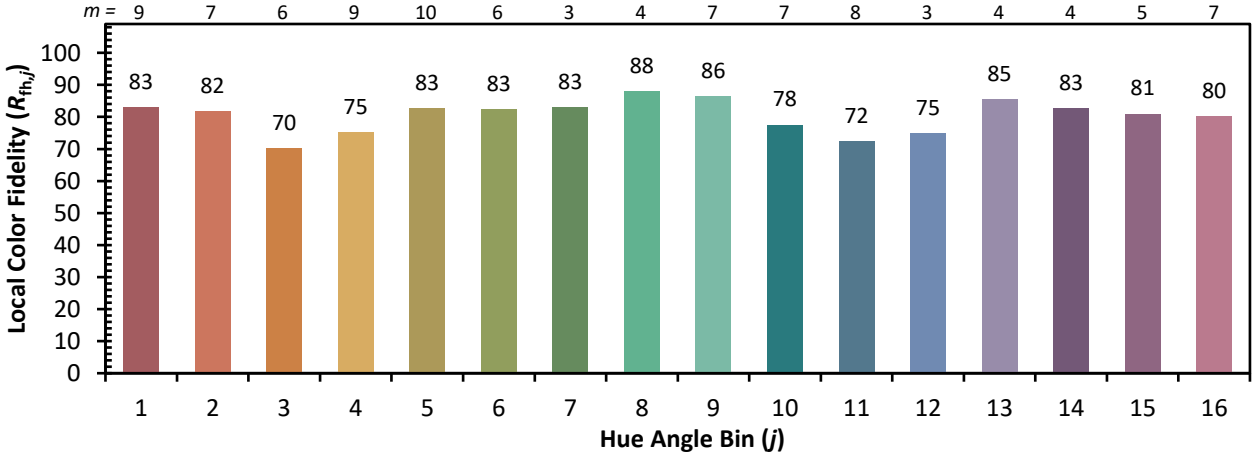


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 68	CES51 = 90	CES76 = 59
CES02 = 62	CES27 = 89	CES52 = 90	CES77 = 78
CES03 = 31	CES28 = 84	CES53 = 81	CES78 = 61
CES04 = 70	CES29 = 66	CES54 = 91	CES79 = 86
CES05 = 49	CES30 = 77	CES55 = 90	CES80 = 82
CES06 = 51	CES31 = 69	CES56 = 80	CES81 = 79
CES07 = 42	CES32 = 62	CES57 = 79	CES82 = 92
CES08 = 41	CES33 = 74	CES58 = 81	CES83 = 89
CES09 = 29	CES34 = 72	CES59 = 92	CES84 = 89
CES10 = 75	CES35 = 85	CES60 = 94	CES85 = 82
CES11 = 58	CES36 = 97	CES61 = 90	CES86 = 78
CES12 = 64	CES37 = 79	CES62 = 92	CES87 = 82
CES13 = 43	CES38 = 85	CES63 = 78	CES88 = 86
CES14 = 74	CES39 = 94	CES64 = 79	CES89 = 76
CES15 = 71	CES40 = 89	CES65 = 76	CES90 = 85
CES16 = 47	CES41 = 89	CES66 = 73	CES91 = 83
CES17 = 49	CES42 = 77	CES67 = 70	CES92 = 73
CES18 = 56	CES43 = 74	CES68 = 76	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 81	CES94 = 65
CES20 = 66	CES45 = 83	CES70 = 68	CES95 = 79
CES21 = 86	CES46 = 82	CES71 = 64	CES96 = 85
CES22 = 78	CES47 = 81	CES72 = 88	CES97 = 85
CES23 = 92	CES48 = 80	CES73 = 60	CES98 = 82
CES24 = 91	CES49 = 80	CES74 = 97	CES99 = 81
CES25 = 72	CES50 = 89	CES75 = 64	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)