

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: P1444389

Luminaire Tested: EHBR1-30-UNV-TA-L840-UPL36

Issue Date: 5/1/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1444389  
REPORT IS A COMBINATION OF REPORTS P1444348 AND P1431635  
Test Lab: INNOVATION CENTER  
Issue Date: 5/1/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: EHBR1-30-UNV-TA-L840-UPL36  
Description: Elevate Round Highbay at, 30000 lumens, 4000K 80CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

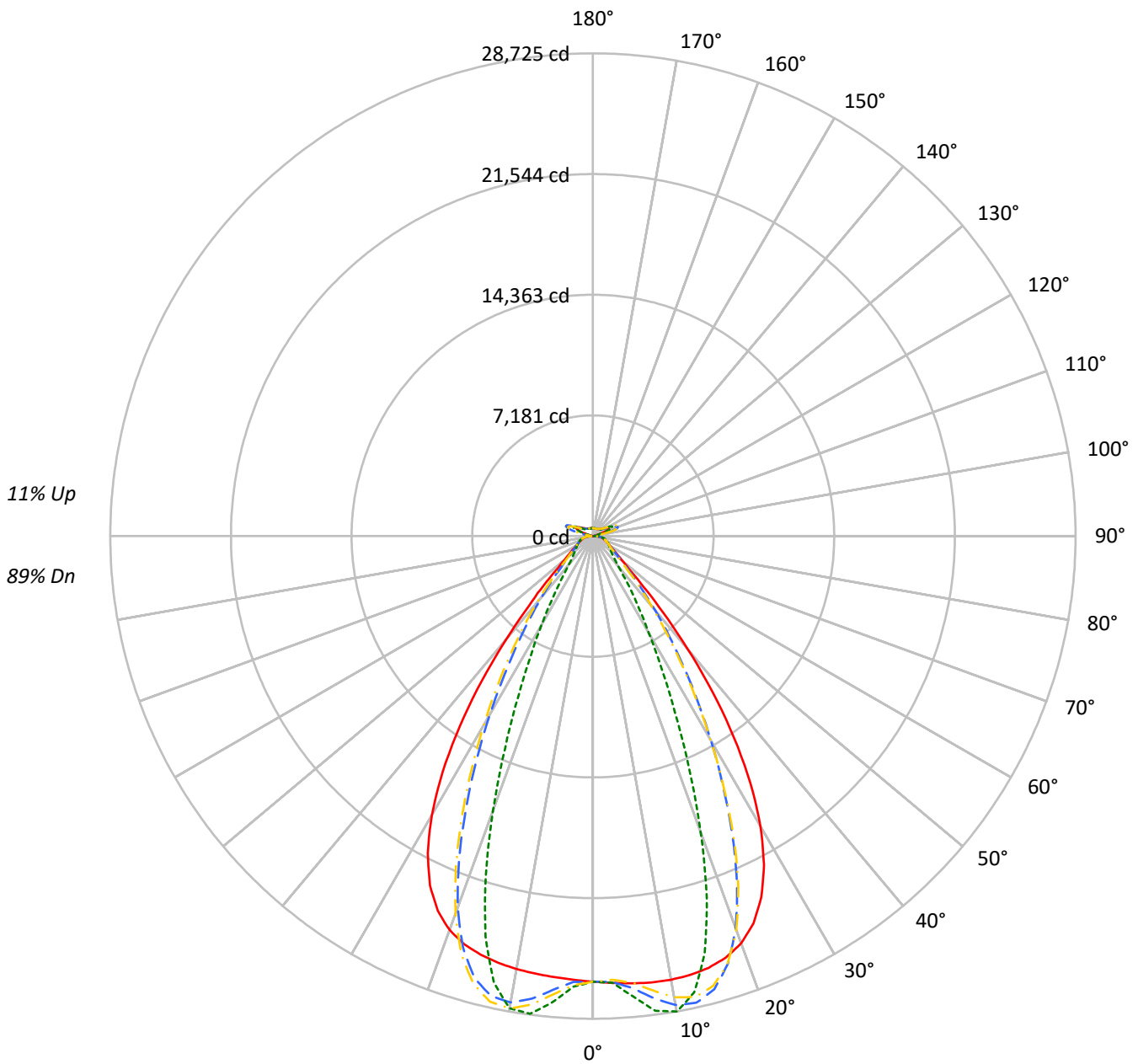
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 34414.0 lumens  
Efficiency: N/A  
Efficacy: 182.9 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: Semi-Direct

Input Watts (W): 188.2  
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

TEST NUMBER: P1444389  
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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				
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	116	116	116	116	112	112	112	112	105	105	105	98	98	98	92	92	92	89			89
1	109	106	103	100	105	102	100	97	96	94	92	90	89	87	85	84	83	80			80
2	102	96	91	87	99	94	89	85	88	85	82	84	81	78	79	77	75	73			73
3	96	88	82	78	93	86	81	76	82	77	74	78	74	71	74	71	68	66			66
4	90	81	75	70	87	79	73	69	76	71	67	72	68	65	69	66	63	61			61
5	85	75	68	63	82	73	67	63	70	65	61	67	63	59	65	61	58	56			56
6	80	70	63	58	78	68	62	57	66	60	56	63	58	55	61	57	53	52			52
7	75	65	58	53	73	64	57	53	61	56	52	59	54	51	57	53	50	48			48
8	71	61	54	49	69	60	53	49	57	52	48	56	51	47	54	49	46	45			45
9	68	57	50	46	66	56	50	46	54	49	45	52	47	44	51	46	43	42			42
10	64	53	47	43	62	53	47	42	51	46	42	49	45	41	48	44	41	39			39

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	124521	124521	124521	124521
5°	125124	128772	123373	130459
10°	126168	135201	123143	134307
15°	126787	122558	122927	117624
20°	125476	91302	121370	84476
25°	118769	57743	114843	52392
30°	103753	34699	99734	31712
35°	79849	21773	75256	19288
40°	50512	13658	46214	12834
45°	26035	10641	25604	10466
50°	15264	9465	14796	9317
55°	11694	8954	11261	8874
60°	9895	9147	9474	9029
65°	9294	9553	8938	9227
70°	9080	10002	8627	9626
75°	9708	10608	9183	10140
80°	10046	11746	9109	10721
85°	9462	11336	7643	9706

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 25°  
 Vertical Angle: 45°  
 Luminance: 39843 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	2613.2	7.6
10°-20°	7351.2	21.4
20°-30°	8372.4	24.3
30°-40°	6017.7	17.5
40°-50°	2775.4	8.1
50°-60°	1328.1	3.9
60°-70°	969.1	2.8
70°-80°	736.2	2.1
80°-90°	341.4	1.0
90°-100°	108.7	0.3
100°-110°	655.4	1.9
110°-120°	1211.5	3.5
120°-130°	733.1	2.1
130°-140°	460.7	1.3
140°-150°	333.4	1.0
150°-160°	226.9	0.7
160°-170°	134.2	0.4
170°-180°	45.4	0.1
0°-30°	18336.8	53.3
0°-40°	24354.5	70.8
0°-60°	28458.0	82.7
0°-90°	30504.7	88.6
90°-120°	1975.6	5.7
90°-150°	3502.8	10.2
90°-180°	3909.0	11.4
0°-180°	34414.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	26516	26516	26516	26516	26516	
5°	26716	27495	26342	27855	26716	2553
15°	26599	25712	25790	24677	26599	7494
25°	23718	11531	22934	10463	23718	10752
35°	14655	3996	13812	3540	14655	8994
45°	4212	1722	4143	1693	4212	3583
55°	1580	1210	1522	1199	1580	1459
65°	970	997	933	963	970	969
75°	684	747	647	714	684	711
85°	325	390	263	334	325	306
90°	100	124	38	44	100	61
95°	50	56	50	56	50	48
105°	233	303	155	303	233	310
115°	1053	1284	1104	1285	1053	972
125°	781	830	885	831	781	711
135°	599	541	646	544	599	468
145°	519	513	554	517	519	328
155°	475	482	508	485	475	221
165°	465	468	483	470	465	132
175°	471	477	481	478	471	45
180°	477	477	477	477	477	



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**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8
2.5°	26617.1	26615.0	26614.6	26612.7	26612.3	26612.3	26611.4	26609.1	26607.8	26604.8	26601.3
5°	26715.9	26714.7	26715.4	26715.6	26713.8	26709.6	26703.1	26695.2	26685.1	26675.7	26667.3
7.5°	26792.3	26794.1	26796.5	26796.0	26790.2	26780.5	26767.2	26759.7	26764.1	26778.6	26811.7
10°	26806.2	26817.6	26822.0	26820.6	26809.0	26800.8	26804.0	26832.0	26887.9	26962.6	27064.6
12.5°	26751.9	26765.8	26765.3	26760.7	26749.5	26760.9	26801.6	26885.2	27005.1	27152.2	27324.8
15°	26599.3	26617.3	26612.3	26606.2	26598.8	26636.2	26717.5	26862.7	27047.9	27255.3	27467.7
17.5°	26303.0	26324.8	26314.2	26307.4	26301.1	26371.2	26510.9	26723.6	26956.7	27191.4	27392.7
20°	25789.0	25803.7	25778.4	25766.5	25776.5	25914.0	26119.7	26391.3	26637.1	26859.0	26996.6
22.5°	24950.2	24968.4	24921.0	24915.4	24974.1	25185.2	25445.5	25749.1	25980.0	26156.0	26209.0
25°	23718.0	23735.8	23679.4	23713.1	23812.8	24100.5	24410.3	24735.1	24932.2	25062.5	25026.5
27.5°	22054.6	22071.0	22017.5	22086.3	22243.8	22621.8	22986.5	23338.9	23514.4	23605.8	23490.0
30°	19956.8	19990.7	19927.5	20023.6	20264.0	20754.7	21172.7	21567.7	21742.8	21812.3	21632.3
32.5°	17465.3	17513.5	17443.9	17586.8	17922.3	18511.6	18986.5	19427.9	19621.5	19700.8	19497.5
35°	14655.1	14724.3	14644.4	14858.8	15272.6	15929.0	16454.8	16947.6	17176.9	17289.4	17084.5
37.5°	11678.0	11743.9	11700.6	11986.7	12441.1	13121.4	13658.0	14189.7	14448.8	14617.5	14455.9
40°	8755.0	8815.3	8848.0	9175.1	9602.6	10243.8	10759.2	11285.3	11575.0	11786.8	11687.1
42.5°	6179.3	6240.1	6351.4	6667.0	7023.4	7554.2	7995.7	8468.0	8744.8	8970.7	8932.4
45°	4212.3	4282.9	4422.2	4680.8	4938.6	5319.3	5643.5	6010.8	6236.9	6443.9	6446.4
47.5°	2951.7	3001.4	3125.9	3302.4	3470.5	3947.1	3966.7	4147.2	4299.2	4453.9	4474.0
50°	2274.9	2304.8	2370.7	2469.1	2564.4	2688.1	2801.4	2932.3	3025.8	3110.5	3130.8
52.5°	1869.8	1888.7	1922.3	1975.6	2030.9	2098.2	2158.9	2230.7	2281.6	2327.0	2336.4
55°	1580.3	1596.0	1646.1	1656.2	1719.3	1731.5	1758.5	1802.2	1831.7	1859.0	1865.7
57.5°	1361.8	1373.2	1383.8	1406.5	1426.0	1454.3	1477.1	1508.5	1527.1	1546.8	1548.4
60°	1189.5	1197.7	1205.3	1221.0	1234.3	1254.0	1269.6	1291.0	1304.3	1319.1	1320.8
62.5°	1061.3	1067.1	1072.2	1082.6	1091.9	1107.1	1119.6	1137.3	1149.9	1161.3	1163.8
65°	970.1	974.4	977.6	985.5	993.8	1006.6	1017.9	1032.4	1041.6	1050.3	1052.2
67.5°	889.2	893.4	896.7	903.9	909.6	919.2	926.8	937.7	944.6	951.6	951.8
70°	796.7	800.5	803.1	809.7	814.4	822.6	828.7	838.6	845.6	853.4	855.3
72.5°	732.6	734.9	738.3	744.4	750.8	759.7	767.7	778.0	786.5	794.6	798.0
75°	683.9	686.5	688.7	694.0	698.4	705.9	712.0	721.3	728.8	737.4	741.6
77.5°	613.5	616.6	618.5	623.8	627.6	634.8	639.2	647.6	653.7	661.6	665.4
80°	528.5	531.3	532.8	537.6	540.7	547.3	551.7	559.8	564.8	572.7	577.3
82.5°	434.3	437.0	437.8	442.4	444.1	449.5	452.7	461.0	467.3	477.5	484.6
85°	325.2	326.2	327.7	326.5	333.2	333.6	341.0	342.4	352.2	354.8	366.0
87.5°	198.8	201.8	203.2	207.8	209.7	214.2	215.6	220.5	223.1	228.5	231.2
90°	100.4	106.0	108.7	115.2	117.8	123.6	125.8	132.3	134.9	141.6	145.8
92.5°	43.7	46.7	49.5	52.9	55.8	59.4	62.7	65.8	68.8	72.3	78.4
95°	49.9	53.4	56.8	60.2	63.7	67.2	70.6	74.1	77.5	80.9	90.9
97.5°	63.0	66.0	68.9	71.9	74.9	77.9	80.8	83.8	86.8	89.7	101.6
100°	82.1	84.7	87.2	89.7	92.2	94.7	97.3	99.8	102.3	104.8	126.9
102.5°	136.9	145.9	154.8	163.8	172.6	181.5	190.5	199.4	208.3	217.2	264.3
105°	233.1	257.3	281.7	305.9	330.2	354.6	378.9	403.0	427.3	451.5	528.1
107.5°	399.8	444.6	489.6	534.5	579.5	624.3	669.3	714.1	759.1	803.8	881.5
110°	740.4	776.4	812.6	848.8	884.9	921.2	957.3	993.3	1029.5	1065.5	1122.3



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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°	998.9	1015.3	1031.6	1048.0	1064.4	1080.6	1097.0	1113.3	1129.7	1146.0	1186.7
115°	1053.4	1059.1	1065.0	1070.8	1076.6	1082.4	1088.1	1093.8	1099.5	1105.1	1132.6
117.5°	1021.8	1020.9	1020.0	1019.2	1018.1	1017.1	1016.1	1015.1	1013.9	1012.8	1028.4
120°	951.5	946.6	941.8	936.8	931.8	926.8	921.8	916.8	911.6	906.5	913.2
122.5°	862.8	856.9	851.2	845.2	839.3	833.2	827.3	821.0	815.1	809.0	811.7
125°	780.8	774.7	769.1	762.9	757.0	750.8	744.7	738.5	732.4	726.1	727.7
127.5°	709.3	705.3	701.2	696.8	692.5	688.2	683.8	679.4	675.0	670.4	670.9
130°	662.6	659.1	655.3	651.5	647.7	643.6	639.6	635.7	631.7	627.5	628.3
132.5°	624.5	622.0	619.4	616.8	614.0	610.9	608.1	605.0	602.2	599.2	600.2
135°	598.6	596.2	594.0	591.4	588.9	586.1	583.4	580.5	577.8	574.9	576.1
137.5°	576.5	574.5	572.4	570.0	567.7	565.0	562.7	560.0	557.5	554.7	556.0
140°	556.5	554.5	552.7	550.5	548.4	546.2	543.8	541.4	539.1	536.6	538.1
142.5°	534.0	532.4	531.0	529.4	527.8	525.8	524.0	522.1	520.2	518.2	520.1
145°	519.1	517.9	516.7	515.4	513.9	512.3	510.8	509.0	507.5	505.8	507.9
147.5°	506.0	505.0	504.2	503.1	502.1	500.6	499.4	497.8	496.7	495.3	497.3
150°	494.6	493.7	493.0	491.9	490.8	489.5	488.3	487.0	485.8	484.4	486.4
152.5°	482.8	481.8	481.1	480.0	479.0	477.6	476.8	475.3	474.2	472.9	474.7
155°	475.4	474.4	473.5	472.5	471.5	470.4	469.3	468.1	467.1	465.8	467.3
157.5°	470.5	469.7	469.1	468.1	467.6	466.7	465.9	464.8	464.0	463.2	464.3
160°	468.0	467.3	466.6	465.7	464.9	464.0	463.3	462.3	461.7	460.8	461.8
162.5°	465.7	464.8	464.0	463.2	462.6	461.6	460.9	460.2	459.4	458.5	459.6
165°	465.1	464.7	464.2	463.7	463.3	462.8	462.3	461.7	461.2	460.6	461.3
167.5°	468.8	468.1	467.5	466.8	466.2	465.5	464.7	464.0	463.4	462.6	463.3
170°	469.6	469.1	468.9	468.6	468.2	467.8	467.5	467.1	466.7	466.3	466.9
172.5°	471.8	471.4	471.2	471.0	470.6	470.4	470.1	469.8	469.6	469.2	470.0
175°	471.4	471.1	471.0	470.8	470.7	470.5	470.4	470.2	470.2	469.9	470.4
177.5°	474.5	474.4	474.4	474.3	474.3	474.2	474.1	473.9	473.8	473.8	474.2
180°	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4



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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°	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8
2.5°	26598.8	26595.5	26591.1	26585.5	26580.7	26575.0	26561.8	26557.9	26562.3	26565.3	26571.3
5°	26661.9	26663.8	26664.5	26676.5	26687.0	26713.1	26917.1	26998.1	27060.9	27100.6	27161.1
7.5°	26852.5	26913.9	26974.5	27056.0	27126.4	27221.4	27578.3	27730.2	27838.2	27915.9	28011.5
10°	27175.4	27309.3	27434.7	27581.7	27708.1	27852.9	28185.1	28333.1	28426.6	28494.6	28558.1
12.5°	27500.7	27686.4	27854.1	28017.7	28154.5	28279.9	28396.8	28448.7	28453.0	28455.2	28421.5
15°	27670.1	27847.6	27995.4	28103.6	28184.0	28219.5	28018.4	27912.9	27779.5	27669.6	27488.9
17.5°	27563.2	27669.6	27733.5	27727.2	27694.0	27582.7	27012.9	26699.6	26388.5	26108.1	25740.5
20°	27087.8	27079.7	27024.1	26866.8	26677.3	26382.4	25405.6	24842.1	24297.1	23818.6	23238.0
22.5°	26203.5	26064.4	25870.4	25531.1	25154.3	24639.3	23239.4	22410.4	21651.8	20981.8	20231.1
25°	24922.2	24635.9	24278.1	23739.6	23153.9	22402.7	20677.3	19646.2	18735.4	17945.6	17079.3
27.5°	23282.4	22851.1	22326.7	21581.4	20787.9	19825.5	17912.7	16774.7	15797.0	14950.2	14028.2
30°	21340.9	20780.1	20103.0	19177.9	18220.8	17129.3	15189.2	14036.6	13047.0	12175.8	11253.2
32.5°	19146.9	18490.0	17696.6	16658.3	15623.3	14501.0	12627.4	11511.8	10566.3	9728.2	8893.2
35°	16727.1	16022.6	15183.2	14124.2	13095.4	12004.3	10285.1	9279.2	8444.3	7703.4	7029.2
37.5°	14131.3	13439.7	12641.9	11643.8	10689.7	9701.0	8217.6	7374.7	6674.0	6059.1	5538.5
40°	11432.6	10827.3	10136.9	9274.0	8459.9	7636.4	6418.8	5749.6	5196.8	4727.8	4337.7
42.5°	8766.7	8297.7	7768.3	7086.4	6463.4	5836.4	4899.2	4403.4	3993.9	3656.3	3380.6
45°	6360.5	6046.8	5691.8	5217.6	4786.6	4349.3	3682.2	3333.8	3067.2	2849.4	2665.4
47.5°	4446.4	4264.3	4253.2	3815.1	3499.0	3231.6	2801.9	2581.8	2418.5	2286.6	2170.1
50°	3122.6	3034.5	2925.1	2768.8	2622.1	2470.9	2209.1	2076.1	1980.4	1900.5	1826.8
52.5°	2334.3	2288.6	2230.4	2147.5	2067.9	1982.9	1817.2	1732.6	1702.5	1628.0	1569.7
55°	1864.5	1838.3	1805.1	1756.4	1708.0	1688.7	1546.7	1483.8	1444.0	1414.6	1383.2
57.5°	1548.7	1529.2	1509.6	1476.5	1448.5	1414.6	1339.2	1307.0	1283.3	1266.0	1244.3
60°	1321.1	1309.4	1298.4	1279.0	1263.9	1245.6	1197.7	1179.5	1167.2	1156.7	1142.9
62.5°	1166.0	1159.9	1154.3	1144.0	1136.3	1126.3	1093.7	1084.9	1078.7	1073.5	1065.1
65°	1054.1	1049.8	1046.5	1039.7	1035.8	1030.1	1001.9	996.1	992.3	990.3	985.5
67.5°	952.3	947.9	945.7	940.9	939.3	935.6	912.6	909.4	908.1	908.7	907.0
70°	857.2	855.3	856.3	855.5	857.8	858.4	844.4	844.3	845.8	848.8	849.1
72.5°	800.2	800.2	801.3	801.8	803.9	804.9	793.3	792.7	793.4	795.5	795.6
75°	746.0	746.9	749.8	750.8	753.2	753.7	738.4	736.7	736.8	738.8	738.1
77.5°	670.9	674.1	679.8	682.7	687.4	688.2	671.1	669.1	669.2	671.2	669.4
80°	585.7	591.9	600.9	607.0	614.3	617.2	599.5	595.3	591.4	590.8	587.2
82.5°	495.2	502.8	513.5	519.0	526.8	528.6	499.1	493.4	490.1	490.4	487.1
85°	378.1	383.7	393.5	396.6	401.5	401.1	367.3	352.7	356.6	350.6	355.4
87.5°	237.1	240.4	246.6	247.3	249.6	249.1	215.1	208.5	206.4	206.5	204.1
90°	153.8	158.4	166.2	168.7	174.8	176.7	151.7	150.9	146.3	145.6	139.9
92.5°	84.8	90.7	97.0	103.0	109.3	115.4	118.5	123.6	117.4	110.9	104.8
95°	101.0	111.1	121.2	131.3	141.4	151.5	161.5	171.6	162.2	152.8	143.3
97.5°	113.5	125.4	137.2	149.2	161.1	173.0	184.9	196.9	186.8	176.5	166.4
100°	149.2	171.4	193.7	215.9	238.1	260.3	282.6	304.8	285.3	265.7	246.1
102.5°	311.4	358.7	405.8	452.9	500.1	547.4	594.7	641.9	597.1	552.2	507.3
105°	604.6	681.1	757.6	833.8	910.3	986.8	1063.6	1140.1	1068.4	996.8	925.2
107.5°	959.1	1036.6	1114.1	1191.6	1269.3	1346.8	1424.9	1502.5	1432.6	1362.6	1292.7
110°	1178.9	1235.5	1292.2	1348.7	1405.3	1462.1	1519.3	1576.0	1534.1	1492.1	1450.1



TEST NUMBER: P1444389  
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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°	1227.0	1267.7	1308.2	1348.6	1389.0	1429.6	1470.9	1511.7	1490.6	1469.5	1448.6
115°	1159.8	1187.4	1214.6	1242.0	1269.4	1296.7	1325.0	1352.7	1346.1	1339.3	1332.8
117.5°	1043.7	1059.0	1074.5	1089.8	1105.1	1120.3	1137.1	1152.7	1153.9	1155.2	1156.6
120°	919.9	926.5	933.0	939.6	946.0	952.5	960.8	967.6	973.5	979.1	985.1
122.5°	814.4	816.9	819.4	822.0	824.6	827.1	831.5	834.5	838.7	842.7	846.9
125°	729.0	730.4	731.7	733.1	734.4	735.8	739.3	741.0	741.5	741.9	742.3
127.5°	671.4	671.8	672.2	672.6	672.9	673.3	676.0	676.8	674.7	672.6	670.3
130°	629.2	630.0	630.7	631.4	632.2	633.1	636.4	637.8	633.8	629.6	625.7
132.5°	601.1	602.2	603.0	604.2	605.1	606.0	609.7	611.4	606.7	601.9	597.2
135°	577.2	578.5	579.8	580.9	582.1	583.4	587.6	589.5	585.1	580.4	575.9
137.5°	557.1	558.3	559.5	560.9	562.1	563.3	567.9	569.8	566.5	562.6	559.2
140°	539.5	540.9	542.4	544.0	545.5	547.2	551.9	554.2	551.6	548.7	546.0
142.5°	522.0	524.1	526.0	528.1	530.0	532.2	538.0	540.8	538.8	536.7	534.7
145°	509.9	512.5	514.6	517.0	519.2	521.8	528.0	531.3	530.1	528.8	527.6
147.5°	499.1	501.4	503.4	505.5	507.6	510.2	516.6	519.7	519.1	518.3	517.5
150°	488.4	490.7	492.7	494.9	497.2	499.7	506.8	510.3	509.6	509.0	508.2
152.5°	476.7	478.6	480.5	482.5	484.5	486.7	495.0	498.4	498.0	497.2	496.7
155°	468.8	470.2	471.7	473.3	474.9	476.8	485.4	488.6	488.3	488.0	487.6
157.5°	465.4	466.4	467.4	468.5	469.7	470.9	479.6	482.8	482.4	482.1	481.8
160°	462.5	463.4	464.1	465.1	466.0	467.0	475.7	478.7	478.5	478.1	477.8
162.5°	460.7	462.0	463.0	464.0	465.1	466.5	475.4	478.8	478.2	477.7	477.1
165°	462.1	462.7	463.3	464.2	464.8	465.7	473.9	476.6	476.3	475.9	475.6
167.5°	464.0	464.8	465.7	466.5	467.3	468.2	475.9	478.5	478.3	477.9	477.7
170°	467.4	468.1	468.7	469.5	470.2	471.0	477.4	479.5	479.2	478.6	478.1
172.5°	470.7	471.5	472.2	473.0	473.7	474.5	480.1	482.0	481.7	481.3	480.7
175°	471.0	471.4	472.0	472.7	473.3	473.8	478.2	479.7	479.6	479.4	479.2
177.5°	474.6	475.0	475.4	475.9	476.3	476.9	479.5	480.5	480.4	480.4	480.3
180°	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4



TEST NUMBER: P1444389  
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**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8
2.5°	26572.7	26582.1	26583.4	26594.3	26593.5	26606.4	26604.4	26615.0	26608.7	26617.5	26610.2
5°	27196.9	27253.5	27283.1	27338.2	27355.7	27405.1	27419.2	27464.3	27466.1	27501.9	27493.7
7.5°	28079.3	28162.6	28212.1	28280.5	28315.1	28372.0	28397.0	28439.1	28452.7	28486.1	28488.6
10°	28606.2	28646.6	28675.0	28694.0	28711.4	28719.6	28729.1	28726.5	28729.1	28725.3	28733.5
12.5°	28398.9	28339.8	28300.6	28226.6	28183.6	28101.8	28061.5	27982.8	27954.2	27886.6	27876.9
15°	27349.2	27143.1	26997.4	26785.6	26652.4	26444.0	26322.1	26134.0	26048.1	25898.7	25859.5
17.5°	25436.1	25053.5	24757.2	24377.3	24113.7	23758.6	23535.3	23241.4	23080.5	22843.5	22761.4
20°	22754.1	22187.8	21743.5	21214.3	20835.5	20363.6	20061.6	19680.6	19459.4	19168.3	19050.3
22.5°	19605.2	18900.1	18345.3	17720.1	17263.2	16737.3	16375.4	15963.1	15722.4	15406.2	15266.2
25°	16359.5	15582.1	14965.3	14306.6	13823.8	13296.6	12934.6	12529.7	12280.6	11980.4	11841.2
27.5°	13255.4	12468.5	11872.4	11259.9	10817.1	10341.4	10014.8	9661.2	9440.2	9183.9	9053.1
30°	10516.2	9822.1	9314.8	8806.6	8438.2	8051.8	7780.4	7487.4	7293.5	7074.0	6949.3
32.5°	8284.4	7748.5	7351.4	6948.1	6646.6	6323.7	6089.1	5830.6	5655.5	5459.6	5346.7
35°	6561.1	6144.8	5828.0	5496.0	5236.9	4962.0	4755.3	4532.1	4375.1	4206.4	4108.8
37.5°	5183.9	4852.9	4592.2	4316.4	4103.7	3875.9	3799.2	3543.1	3380.4	3245.7	3152.4
40°	4068.4	3805.1	3589.4	3378.5	3205.0	3032.2	2893.6	2756.8	2651.8	2555.4	2488.8
42.5°	3177.1	2986.3	2828.8	2674.4	2547.7	2421.9	2321.4	2227.2	2156.4	2093.5	2050.5
45°	2525.6	2394.5	2285.0	2176.2	2086.9	2002.9	1935.3	1875.1	1829.4	1791.6	1764.7
47.5°	2074.9	1985.1	1907.8	1834.5	1773.8	1718.7	1673.4	1658.7	1609.6	1576.5	1563.8
50°	1763.3	1709.1	1650.4	1596.3	1555.8	1515.5	1486.2	1457.4	1438.9	1423.7	1419.2
52.5°	1530.9	1489.4	1456.8	1422.5	1395.7	1367.1	1346.8	1327.6	1317.6	1309.6	1308.6
55°	1358.0	1329.1	1307.4	1284.4	1268.4	1251.6	1241.1	1231.0	1226.5	1222.5	1222.8
57.5°	1227.2	1207.9	1193.7	1178.8	1170.2	1162.2	1159.5	1156.9	1158.3	1158.9	1161.2
60°	1131.9	1119.3	1110.5	1101.9	1098.3	1095.7	1097.7	1099.9	1104.6	1108.3	1111.6
62.5°	1058.8	1051.7	1047.3	1042.8	1042.4	1042.6	1046.5	1050.3	1056.1	1060.5	1063.7
65°	983.7	979.5	978.2	975.2	976.7	977.6	982.4	985.3	991.0	994.5	998.6
67.5°	907.7	906.8	907.6	907.6	910.3	912.5	917.1	920.4	925.4	928.5	931.8
70°	851.6	852.0	854.1	854.4	857.3	858.9	862.8	865.0	869.4	872.1	876.1
72.5°	797.1	796.2	796.7	795.4	796.4	796.0	798.1	799.2	803.0	805.1	809.9
75°	739.0	736.6	736.0	733.3	733.4	731.5	732.4	732.3	734.8	735.8	739.3
77.5°	668.9	664.7	662.7	658.3	658.2	656.6	658.3	659.4	663.7	665.7	669.8
80°	584.9	578.5	575.4	570.4	571.3	571.0	575.2	578.6	583.8	584.8	590.0
82.5°	486.1	479.6	476.4	471.4	472.6	472.7	476.7	477.3	481.9	483.9	489.8
85°	348.1	350.6	343.7	344.2	342.7	345.4	348.1	351.4	355.3	361.6	366.6
87.5°	205.0	204.1	206.5	206.8	210.4	212.3	217.9	221.2	227.6	232.6	241.7
90°	138.0	132.6	132.4	129.1	130.4	127.1	128.5	125.3	127.4	126.1	129.4
92.5°	98.1	91.9	85.3	79.0	72.4	66.4	63.0	60.3	57.0	54.5	51.1
95°	133.9	124.5	115.1	105.6	96.3	86.9	83.4	80.0	76.6	73.2	69.6
97.5°	156.3	146.2	136.1	125.9	115.8	105.7	103.4	101.2	98.9	96.6	94.3
100°	226.5	207.0	187.6	167.9	148.4	129.0	127.1	125.3	123.5	121.7	119.8
102.5°	462.6	417.8	373.1	328.2	283.5	238.8	231.1	223.3	215.4	207.7	199.9
105°	853.4	781.8	710.1	638.5	567.0	495.3	474.0	452.4	431.1	409.8	388.5
107.5°	1222.8	1153.0	1083.2	1013.3	943.5	873.7	839.9	806.2	772.3	738.6	704.8
110°	1408.0	1366.1	1324.2	1282.1	1240.4	1198.5	1166.2	1134.1	1101.7	1069.5	1037.5



TEST NUMBER: P1444389  
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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°	1427.6	1406.6	1385.8	1364.9	1344.1	1323.1	1307.4	1291.7	1276.0	1260.3	1244.5
115°	1326.0	1319.5	1312.8	1306.4	1299.8	1293.2	1292.1	1291.2	1290.0	1289.0	1288.0
117.5°	1157.8	1159.2	1160.5	1162.0	1163.4	1164.8	1173.2	1181.5	1190.0	1198.6	1207.3
120°	990.8	996.6	1002.3	1008.3	1014.0	1020.1	1031.3	1042.7	1054.0	1065.6	1077.0
122.5°	850.9	854.9	859.0	863.3	867.3	871.6	882.7	894.0	905.2	916.6	928.2
125°	742.4	742.8	743.2	743.4	743.8	744.3	753.5	762.8	772.2	781.8	791.1
127.5°	668.0	665.7	663.4	661.2	658.9	656.8	662.2	667.9	673.3	679.0	684.7
130°	621.4	617.3	613.1	609.1	604.8	600.8	603.1	605.3	607.6	609.9	612.4
132.5°	592.3	587.5	582.6	577.8	572.9	568.1	568.1	568.3	568.3	568.6	569.0
135°	571.4	566.9	562.1	557.6	552.8	548.4	547.3	546.2	545.2	544.3	543.3
137.5°	555.6	551.8	548.3	544.8	540.8	537.3	535.6	534.2	532.6	531.3	529.8
140°	542.9	540.2	537.1	534.3	531.3	528.6	527.1	526.0	524.7	523.7	522.5
142.5°	532.4	530.4	528.3	526.2	524.1	522.0	520.6	519.5	518.2	517.2	516.0
145°	526.2	524.9	523.5	522.2	520.8	519.5	518.4	517.5	516.6	515.9	515.1
147.5°	516.8	516.0	515.2	514.3	513.4	512.6	512.0	511.6	510.8	510.4	509.7
150°	507.4	506.7	505.9	505.3	504.4	503.7	503.3	503.0	502.7	502.6	502.3
152.5°	495.9	495.2	494.5	493.9	493.0	492.4	492.1	492.0	491.7	491.5	491.2
155°	487.1	486.7	486.2	485.8	485.2	484.9	484.4	483.9	483.6	483.2	482.7
157.5°	481.4	481.1	480.6	480.3	479.7	479.3	478.9	478.5	478.0	477.7	477.3
160°	477.4	477.1	476.6	476.2	475.8	475.4	474.7	474.2	473.4	472.9	472.2
162.5°	476.4	475.8	475.3	474.6	474.0	473.5	473.0	472.6	472.2	471.8	471.3
165°	475.2	474.8	474.4	474.0	473.8	473.4	472.7	472.2	471.4	470.9	470.2
167.5°	477.3	477.0	476.6	476.2	475.7	475.4	474.9	474.2	473.6	473.0	472.2
170°	477.7	477.1	476.7	475.9	475.4	474.9	474.4	473.7	473.1	472.7	471.9
172.5°	480.3	480.0	479.6	479.1	478.5	478.1	477.7	477.1	476.6	476.0	475.5
175°	479.1	479.0	478.9	478.6	478.5	478.3	478.1	478.0	477.8	477.7	477.4
177.5°	480.3	480.2	480.2	480.0	479.9	479.9	479.6	479.4	479.0	478.7	478.5
180°	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4



TEST NUMBER: P1444389  
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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°	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8
2.5°	26617.8	26611.1	26614.3	26601.8	26604.8	26589.8	26588.4	26571.3	26569.7	26553.7	26547.7
5°	27519.1	27504.2	27521.0	27494.9	27500.0	27466.1	27463.3	27419.5	27404.3	27349.4	27325.7
7.5°	28509.5	28503.9	28514.1	28492.3	28491.6	28461.4	28449.0	28409.6	28385.2	28327.7	28290.8
10°	28726.5	28731.7	28723.3	28725.3	28713.5	28710.3	28698.2	28690.5	28670.8	28655.9	28633.9
12.5°	27825.5	27830.8	27796.5	27818.3	27801.1	27841.3	27838.1	27885.4	27892.7	27952.6	27975.3
15°	25743.0	25736.6	25670.6	25712.1	25689.8	25778.1	25797.8	25916.6	25980.0	26132.5	26226.1
17.5°	22597.2	22580.2	22487.3	22537.9	22512.2	22642.3	22686.0	22875.7	22994.2	23239.8	23414.8
20°	18847.2	18814.6	18706.0	18765.2	18738.6	18886.5	18948.8	19178.3	19330.9	19656.2	19887.7
22.5°	15050.5	14999.2	14892.7	14948.0	14923.0	15076.1	15157.2	15387.5	15562.4	15896.3	16166.4
25°	11641.2	11595.4	11492.6	11531.3	11522.0	11651.5	11723.6	11941.4	12113.2	12431.4	12689.2
27.5°	8879.1	8831.4	8738.4	8765.9	8756.4	8866.8	8934.8	9116.7	9264.5	9532.3	9758.7
30°	6795.6	6738.1	6659.3	6674.4	6668.0	6757.4	6820.8	6974.1	7100.8	7327.2	7522.2
32.5°	5208.9	5151.0	5078.6	5085.7	5076.2	5146.3	5198.7	5331.9	5442.3	5634.8	5804.6
35°	3985.4	4053.0	3898.3	3996.2	3894.2	4044.1	3990.2	4073.4	4168.5	4330.6	4472.2
37.5°	3063.9	3016.8	2977.1	2972.8	2972.6	3007.3	3048.3	3128.4	3212.2	3332.9	3457.7
40°	2428.0	2395.0	2369.2	2367.3	2369.2	2393.9	2424.1	2479.6	2540.9	2627.6	2719.4
42.5°	2013.8	1991.9	1976.3	1975.2	1980.2	1997.6	2018.7	2051.6	2091.5	2147.8	2210.6
45°	1742.9	1730.7	1722.1	1721.7	1723.9	1733.0	1745.1	1765.6	1790.9	1826.0	1865.7
47.5°	1552.9	1549.9	1544.5	1544.7	1542.3	1546.0	1547.4	1558.9	1572.3	1598.8	1650.7
50°	1414.5	1414.5	1410.8	1410.6	1407.1	1406.8	1403.9	1408.5	1414.7	1431.2	1447.7
52.5°	1305.1	1304.7	1300.7	1299.9	1296.2	1296.0	1293.4	1295.3	1296.1	1304.3	1314.3
55°	1219.7	1217.1	1211.8	1210.1	1208.7	1210.8	1209.8	1209.9	1208.8	1212.3	1215.2
57.5°	1158.3	1155.0	1150.0	1148.4	1148.1	1150.7	1150.8	1149.9	1145.2	1142.1	1137.6
60°	1109.8	1106.5	1101.0	1099.6	1100.4	1103.9	1103.7	1100.8	1094.0	1088.0	1080.9
62.5°	1062.1	1060.8	1057.9	1057.6	1056.9	1057.5	1055.0	1051.9	1045.1	1038.8	1031.2
65°	998.1	998.8	996.8	997.1	994.6	994.2	990.4	987.4	980.5	974.8	967.0
67.5°	931.7	932.2	930.5	930.5	929.3	929.5	927.2	924.3	918.5	913.9	907.8
70°	876.9	878.3	877.3	877.6	876.1	875.5	872.0	869.3	863.2	859.3	853.9
72.5°	811.4	814.4	814.3	815.0	812.6	811.4	807.2	803.8	798.3	795.2	790.9
75°	740.7	744.5	745.6	747.3	743.9	742.1	737.5	734.8	730.3	728.5	725.7
77.5°	671.6	675.8	679.9	683.6	678.1	673.3	667.6	663.1	656.9	654.3	650.0
80°	594.0	601.6	610.4	617.9	608.2	598.3	588.9	581.8	573.4	570.0	564.4
82.5°	492.8	500.5	505.6	510.5	503.6	496.4	487.2	481.0	472.0	468.7	462.2
85°	374.4	383.9	387.0	389.6	385.2	381.4	372.7	361.0	355.4	346.4	341.7
87.5°	246.3	251.9	253.1	254.0	251.2	249.4	243.8	238.3	228.5	221.5	212.9
90°	127.0	128.7	124.6	123.9	122.4	124.7	121.0	121.1	114.9	113.9	108.7
92.5°	48.3	45.0	42.2	39.0	42.6	45.1	48.5	51.1	54.4	57.0	60.3
95°	66.2	62.8	59.3	55.9	58.6	61.4	64.2	66.9	69.7	72.4	75.2
97.5°	92.0	89.7	87.5	85.2	86.8	88.4	90.0	91.6	93.1	94.7	96.5
100°	118.0	116.1	114.3	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
102.5°	192.1	184.2	176.5	168.7	174.0	179.2	184.5	189.8	195.0	200.3	205.6
105°	367.1	345.8	324.4	303.1	323.8	344.4	365.1	385.6	406.3	427.1	447.8
107.5°	671.0	637.3	603.6	569.9	607.6	645.2	682.8	720.4	758.0	795.6	833.4
110°	1005.4	973.2	941.1	909.0	948.9	988.8	1028.7	1068.6	1108.6	1148.5	1188.6



TEST NUMBER: P1444389  
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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°	1229.0	1213.3	1197.8	1182.1	1207.9	1233.5	1259.2	1285.1	1310.8	1336.5	1362.3
115°	1287.0	1286.1	1285.2	1284.3	1296.4	1308.6	1320.7	1333.0	1345.2	1357.4	1369.7
117.5°	1215.7	1224.3	1233.1	1241.8	1245.7	1249.5	1253.6	1257.5	1261.6	1265.6	1269.7
120°	1088.6	1100.0	1111.7	1123.4	1121.8	1120.2	1118.7	1117.1	1115.9	1114.3	1113.1
122.5°	939.7	951.2	962.9	974.5	971.1	967.6	964.3	961.0	957.7	954.4	951.3
125°	800.8	810.4	820.1	829.9	826.5	823.0	819.7	816.6	813.4	810.1	807.2
127.5°	690.7	696.6	702.6	708.6	707.0	705.4	704.1	702.6	701.4	700.1	699.0
130°	614.9	617.6	620.4	623.3	623.7	624.2	624.8	625.5	626.3	627.1	628.1
132.5°	569.6	570.0	570.7	571.4	573.2	575.0	577.1	579.2	581.5	583.6	586.3
135°	542.7	542.0	541.5	541.1	543.9	546.5	549.5	552.4	555.7	558.9	562.3
137.5°	528.8	527.7	526.8	525.7	528.4	531.1	534.2	537.1	540.2	543.4	546.9
140°	521.6	520.5	519.9	519.0	521.8	524.5	527.4	530.3	533.6	536.8	540.1
142.5°	515.2	514.2	513.6	512.9	515.2	517.7	520.5	523.2	526.1	528.8	531.9
145°	514.4	513.7	513.2	512.7	514.4	516.2	518.2	520.2	522.4	524.4	526.9
147.5°	509.3	508.9	508.7	508.4	509.8	511.1	512.6	514.0	515.6	517.2	519.0
150°	502.3	502.1	502.0	502.0	502.8	503.6	504.6	505.4	506.6	507.6	508.9
152.5°	491.2	490.9	491.1	491.0	491.7	492.6	493.5	494.3	495.3	496.2	497.3
155°	482.5	482.2	481.9	481.6	481.9	482.1	482.6	482.8	483.4	483.7	484.3
157.5°	477.1	476.7	476.4	476.0	476.0	476.0	476.1	476.1	476.4	476.3	476.6
160°	471.8	471.1	470.6	470.1	470.4	470.4	470.8	470.8	471.2	471.4	471.8
162.5°	471.0	470.6	470.4	470.0	469.8	469.4	469.2	468.8	468.6	468.4	468.3
165°	469.6	468.9	468.4	467.8	467.8	467.7	467.7	467.6	467.6	467.5	467.7
167.5°	471.8	471.1	470.5	469.9	469.5	469.0	468.6	468.1	467.7	467.3	467.0
170°	471.5	470.9	470.4	469.9	469.7	469.4	469.3	469.1	469.0	468.9	468.9
172.5°	475.1	474.6	474.1	473.7	473.5	473.3	473.2	473.1	473.0	473.0	472.9
175°	477.3	477.1	477.0	476.9	476.6	476.3	475.9	475.7	475.5	475.2	474.9
177.5°	478.1	477.7	477.5	477.3	477.2	477.2	477.2	477.2	477.2	477.1	477.0
180°	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4



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**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8
2.5°	26530.4	26523.5	26505.1	26496.0	26479.1	26470.5	26457.3	26448.7	26438.0	26430.0	26425.9
5°	27265.5	27231.6	27163.6	27121.7	27048.4	27000.0	26927.1	26873.6	26798.3	26742.8	26671.7
7.5°	28221.9	28169.9	28082.8	28016.7	27914.0	27835.5	27720.3	27628.0	27500.7	27395.0	27264.9
10°	28611.3	28580.9	28541.8	28499.3	28442.4	28386.6	28307.9	28227.7	28120.8	28014.5	27875.5
12.5°	28035.8	28064.4	28120.8	28147.2	28190.2	28204.9	28224.7	28215.4	28197.9	28154.5	28091.5
15°	26405.9	26525.4	26714.1	26844.5	27027.4	27155.8	27325.7	27435.1	27561.1	27636.4	27707.9
17.5°	23724.9	23955.9	24288.8	24554.4	24911.1	25201.0	25556.3	25835.3	26157.5	26404.8	26668.0
20°	20291.0	20614.4	21074.0	21464.4	21981.1	22419.2	22980.6	23450.8	23999.3	24456.5	24950.0
22.5°	16595.1	16975.5	17502.1	17972.9	18590.0	19141.1	19844.4	20466.2	21207.8	21872.0	22606.9
25°	13108.4	13481.2	14017.7	14505.3	15171.3	15778.4	16546.8	17260.1	18120.6	18923.1	19844.4
27.5°	10118.5	10449.6	10921.2	11360.0	11970.1	12566.1	13345.8	14106.5	15024.7	15887.1	16880.0
30°	7814.3	8083.0	8460.9	8813.8	9303.6	9791.0	10485.6	11189.0	12102.8	12996.4	14014.3
32.5°	6055.8	6285.0	6600.4	6886.9	7264.3	7631.8	8143.3	8705.5	9506.9	10362.9	11347.1
35°	4687.9	4883.9	5152.4	5399.2	5709.5	6001.3	6383.0	6784.2	7395.9	8115.9	8996.6
37.5°	3737.4	3817.3	4009.0	4211.2	4469.0	4708.7	5007.3	5304.0	5741.6	6309.7	7029.2
40°	2842.3	2969.2	3125.1	3284.4	3479.5	3671.9	3999.5	4157.2	4445.3	4853.1	5411.6
42.5°	2293.4	2382.6	2492.3	2603.1	2739.1	2873.0	3038.7	3207.5	3422.8	3699.1	4096.3
45°	1919.1	1977.3	2048.1	2121.8	2211.2	2302.5	2413.5	2529.4	2675.4	2845.2	3086.4
47.5°	1669.1	1701.3	1747.5	1797.8	1859.1	1922.3	1994.5	2068.3	2159.1	2259.8	2397.1
50°	1473.9	1500.8	1536.7	1570.4	1612.6	1677.5	1706.1	1746.9	1801.4	1860.7	1937.5
52.5°	1332.8	1350.6	1373.1	1392.5	1419.3	1443.5	1475.4	1503.4	1541.1	1576.8	1626.4
55°	1222.8	1229.3	1242.1	1254.5	1273.0	1289.6	1311.4	1329.8	1353.9	1375.2	1406.4
57.5°	1137.8	1138.5	1144.4	1150.9	1162.8	1173.2	1188.2	1200.3	1217.0	1230.6	1249.3
60°	1076.8	1073.6	1074.8	1077.0	1083.8	1090.5	1100.1	1108.0	1118.5	1126.1	1136.7
62.5°	1026.1	1020.9	1019.8	1019.2	1022.5	1024.9	1030.2	1034.0	1040.0	1043.3	1049.0
65°	961.9	955.9	953.5	950.8	951.8	951.0	952.9	953.0	956.0	956.7	960.0
67.5°	903.7	898.7	895.7	892.0	890.2	887.6	886.4	883.9	883.5	881.3	880.8
70°	850.6	845.7	843.1	839.7	838.0	834.4	832.2	827.9	825.4	821.3	819.1
72.5°	789.2	786.4	785.7	783.3	782.7	780.8	779.9	776.8	775.0	771.6	769.7
75°	725.1	722.7	722.5	720.2	720.0	717.7	717.1	713.9	712.2	708.7	707.2
77.5°	648.6	645.3	644.2	641.5	642.2	641.0	642.0	639.5	638.5	635.1	634.0
80°	562.5	558.2	556.4	552.7	553.7	552.1	553.7	553.5	554.8	552.1	551.6
82.5°	460.5	455.8	454.9	452.3	454.0	454.3	457.9	455.9	456.7	454.2	455.2
85°	335.1	331.6	326.6	326.0	322.8	326.1	321.9	324.7	320.1	323.3	318.9
87.5°	207.8	200.5	196.7	191.4	189.5	184.4	182.4	178.8	179.8	178.2	179.1
90°	109.1	104.5	106.2	104.2	106.9	105.4	109.1	109.0	113.0	112.9	117.2
92.5°	63.0	66.0	71.4	77.2	82.5	88.0	93.4	99.2	104.5	110.2	115.5
95°	78.0	80.7	88.1	95.4	102.7	110.1	117.4	124.8	132.2	139.4	146.8
97.5°	98.1	99.7	107.1	114.3	121.7	129.1	136.3	143.9	151.2	158.5	165.9
100°	112.5	112.6	133.5	154.4	175.2	196.1	217.0	237.9	258.9	279.8	300.7
102.5°	210.9	216.1	268.9	321.8	374.4	427.2	480.1	533.0	585.6	638.6	691.5
105°	468.4	489.2	569.7	650.3	730.7	811.3	892.0	972.7	1053.2	1133.8	1214.4
107.5°	871.0	908.7	981.5	1054.3	1127.0	1199.9	1272.8	1345.6	1418.4	1491.3	1564.3
110°	1228.6	1268.5	1317.2	1366.1	1414.9	1463.7	1512.4	1561.2	1610.2	1659.0	1707.9



TEST NUMBER: P1444389  
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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°	1388.0	1413.9	1442.3	1470.7	1499.2	1527.6	1556.0	1584.4	1613.1	1641.6	1670.2
115°	1382.1	1394.3	1405.2	1416.4	1427.3	1438.5	1449.6	1460.9	1472.1	1483.3	1494.6
117.5°	1273.7	1278.0	1279.6	1281.3	1283.0	1285.0	1286.8	1288.6	1290.6	1292.5	1294.3
120°	1111.7	1110.4	1108.5	1106.6	1104.8	1103.0	1101.3	1099.6	1098.1	1096.5	1094.7
122.5°	948.2	945.2	943.3	941.6	940.0	938.4	936.7	935.2	933.7	932.2	930.6
125°	804.2	801.2	802.8	804.4	806.0	807.7	809.3	811.1	812.9	814.7	816.5
127.5°	697.8	696.9	701.1	705.2	709.4	713.8	718.2	722.5	726.8	731.3	735.6
130°	629.2	630.3	635.7	641.1	646.6	652.1	657.8	663.3	668.8	674.3	679.9
132.5°	588.7	591.4	596.3	601.7	607.0	612.4	617.6	623.0	628.4	633.9	638.9
135°	565.7	569.2	573.9	578.8	583.6	588.5	593.3	598.3	603.1	607.9	612.7
137.5°	550.2	553.7	557.7	561.4	565.2	569.3	573.2	577.1	580.9	584.8	588.7
140°	543.5	547.0	549.1	551.4	553.6	555.9	557.9	560.2	562.3	564.6	566.8
142.5°	535.0	538.3	539.5	541.0	542.2	544.0	545.4	546.9	548.1	549.4	550.7
145°	529.1	531.5	531.5	531.8	531.9	532.2	532.2	532.4	532.3	532.6	532.6
147.5°	520.7	522.7	522.3	522.2	522.0	521.7	521.5	521.2	520.8	520.6	520.3
150°	510.0	511.4	510.7	510.2	509.4	508.9	508.1	507.6	506.9	506.4	505.7
152.5°	498.3	499.5	498.5	498.0	497.2	496.5	495.7	495.1	494.3	493.6	493.0
155°	484.6	485.2	484.7	484.4	483.9	483.6	483.1	483.0	482.6	482.3	482.0
157.5°	476.8	476.9	476.7	476.3	476.0	475.9	475.6	475.5	475.4	475.4	475.4
160°	471.9	472.3	472.0	471.7	471.5	471.3	471.0	471.0	470.9	471.0	471.0
162.5°	468.0	467.9	467.6	467.4	467.1	467.0	466.9	467.0	466.8	466.9	467.0
165°	467.8	468.0	467.3	467.1	466.6	466.3	465.9	465.7	465.5	465.4	465.1
167.5°	466.7	466.5	466.5	466.6	466.6	466.7	466.8	467.2	467.3	467.7	467.7
170°	468.8	468.9	468.6	468.5	468.2	468.1	468.0	467.9	467.7	467.7	467.6
172.5°	472.9	472.9	472.4	472.0	471.5	471.2	470.7	470.4	469.9	469.6	469.1
175°	474.6	474.4	474.2	473.9	473.7	473.4	473.1	472.7	472.5	472.2	472.0
177.5°	476.9	476.7	476.6	476.6	476.4	476.3	476.3	476.2	476.2	476.2	476.0
180°	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4



TEST NUMBER: P1444389  
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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°	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8
2.5°	26420.6	26420.3	26417.7	26418.9	26419.5	26421.3	26423.6	26425.9	26426.4	26428.2	26428.6
5°	26618.3	26552.9	26504.6	26451.4	26411.5	26375.5	26351.5	26332.5	26325.1	26326.9	26331.4
7.5°	27154.5	27019.6	26908.2	26781.7	26676.1	26564.3	26471.7	26383.6	26319.5	26271.6	26244.9
10°	27742.9	27578.5	27421.3	27238.2	27064.4	26879.0	26711.0	26541.8	26400.9	26278.4	26188.5
12.5°	28004.0	27887.8	27751.8	27579.0	27393.1	27179.1	26963.1	26731.4	26516.0	26316.0	26154.8
15°	27727.5	27727.7	27678.2	27595.2	27466.1	27295.1	27089.2	26847.8	26593.6	26334.3	26097.4
17.5°	26850.0	27015.6	27107.6	27165.9	27148.0	27085.0	26954.0	26768.6	26531.7	26255.4	25966.3
20°	25343.0	25733.5	26011.9	26262.3	26402.6	26495.8	26486.6	26411.1	26242.4	26007.5	25706.4
22.5°	23231.9	23887.4	24404.6	24886.9	25225.1	25500.3	25631.1	25686.6	25610.1	25446.6	25163.9
25°	20667.9	21559.0	22319.6	23057.7	23611.3	24087.2	24373.1	24574.6	24590.6	24505.1	24252.8
27.5°	17818.6	18870.6	19833.2	20814.2	21592.8	22276.8	22725.6	23054.1	23158.5	23144.7	22915.7
30°	14973.2	16077.5	17138.6	18282.4	19245.9	20119.8	20712.7	21156.9	21328.1	21360.9	21140.6
32.5°	12285.8	13374.9	14432.9	15628.8	16689.1	17690.6	18391.0	18918.9	19117.9	19164.7	18923.1
35°	9846.9	10851.7	11857.2	13016.2	14070.3	15107.5	15845.5	16398.1	16584.0	16615.3	16335.6
37.5°	7732.0	8588.0	9464.2	10504.1	11472.1	12446.2	13147.5	13666.7	13802.1	13793.7	13477.1
40°	5951.2	6616.7	7320.7	8176.8	8981.6	9805.1	10397.2	10826.5	10897.6	10844.9	10512.4
42.5°	4474.9	4955.6	5466.1	6105.1	6702.3	7318.5	7749.3	8068.1	8078.2	7994.8	7696.2
45°	3333.8	3802.8	4016.8	4403.2	4787.8	5197.7	5460.7	5657.6	5627.1	5553.7	5326.9
47.5°	2541.5	2721.7	2912.9	3152.4	3376.5	3841.5	3807.1	4123.2	3895.4	4050.7	3709.0
50°	2018.2	2118.9	2221.9	2349.1	2466.1	2587.7	2663.7	2720.4	2713.0	2688.6	2623.1
52.5°	1717.0	1748.1	1798.8	1871.2	1936.6	2002.3	2045.5	2080.7	2081.4	2071.6	2038.4
55°	1435.0	1474.6	1511.0	1558.3	1638.7	1651.1	1713.2	1700.6	1705.5	1688.3	1705.9
57.5°	1265.3	1288.2	1308.8	1336.9	1360.1	1387.3	1403.3	1418.8	1417.2	1413.9	1397.1
60°	1144.9	1157.6	1169.0	1185.5	1198.2	1213.5	1220.9	1228.8	1226.2	1220.5	1205.5
62.5°	1052.2	1060.2	1066.6	1077.2	1085.0	1094.6	1098.4	1101.7	1098.4	1092.9	1079.7
65°	960.7	965.8	970.0	977.9	983.4	991.5	994.8	997.9	994.9	990.6	980.5
67.5°	878.1	878.6	878.2	881.5	883.2	888.1	889.5	891.9	888.2	884.6	876.1
70°	815.6	814.3	812.7	814.0	814.3	816.6	817.0	816.6	812.4	806.1	796.8
72.5°	766.6	765.9	764.7	765.8	765.8	767.9	767.3	766.2	761.0	754.9	745.7
75°	703.7	703.3	700.9	701.0	699.0	699.6	697.1	695.7	689.9	684.7	676.5
77.5°	630.1	628.9	625.5	624.2	620.4	618.9	614.1	611.8	605.8	601.7	594.6
80°	548.0	546.7	542.2	539.8	533.9	530.1	523.1	519.0	512.3	508.2	501.4
82.5°	452.9	453.4	449.0	446.0	437.5	431.0	421.6	416.5	409.0	405.1	397.9
85°	322.2	317.5	320.0	319.8	314.5	308.9	301.2	295.8	289.5	285.7	280.8
87.5°	176.7	177.8	176.5	175.4	171.6	168.8	162.9	159.7	155.1	152.8	149.0
90°	109.3	105.8	98.1	94.7	87.3	82.3	74.1	69.8	62.0	59.9	55.3
92.5°	109.4	103.1	97.2	90.7	84.8	78.5	72.3	66.1	59.9	57.7	55.8
95°	137.8	129.1	120.1	111.2	102.2	93.3	84.5	75.6	66.6	64.8	63.0
97.5°	155.5	144.9	134.4	123.9	113.4	102.8	92.4	81.8	71.3	70.2	69.0
100°	276.5	252.1	227.8	203.5	179.4	155.1	130.9	106.6	82.3	80.9	79.6
102.5°	632.5	573.7	514.9	456.1	397.2	338.3	279.5	220.6	161.7	153.3	144.8
105°	1125.3	1036.2	947.4	858.3	769.1	680.0	591.0	501.8	412.7	384.1	355.5
107.5°	1480.5	1396.7	1313.1	1229.4	1145.5	1061.9	978.0	894.2	810.3	760.0	709.6
110°	1641.4	1574.8	1508.6	1442.1	1375.6	1309.1	1242.6	1176.0	1109.5	1066.0	1022.7



TEST NUMBER: P1444389  
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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°	1621.6	1572.7	1524.2	1475.4	1426.6	1377.8	1329.1	1280.1	1231.3	1204.9	1178.6
115°	1465.3	1435.8	1406.5	1377.1	1347.7	1318.3	1288.9	1259.2	1229.8	1215.8	1201.9
117.5°	1279.5	1264.4	1249.4	1234.2	1219.2	1203.9	1188.9	1173.7	1158.5	1153.7	1148.6
120°	1090.3	1085.7	1080.8	1076.2	1071.6	1066.8	1062.0	1057.2	1052.4	1052.9	1053.4
122.5°	932.2	933.8	935.5	937.0	938.8	940.2	941.8	943.1	944.6	948.3	951.8
125°	820.6	824.8	829.0	833.1	837.4	841.4	845.6	849.6	853.8	857.3	861.1
127.5°	740.4	744.9	749.8	754.3	759.2	763.6	768.4	772.8	777.5	780.8	784.1
130°	684.0	687.9	692.1	696.0	700.0	704.1	708.0	712.1	716.1	718.5	721.0
132.5°	642.5	646.2	649.9	653.2	657.0	660.4	664.1	667.7	671.3	673.0	674.9
135°	615.5	618.0	620.6	623.2	626.1	628.6	631.3	634.0	636.8	637.9	639.2
137.5°	590.9	592.8	595.1	597.2	599.4	601.6	603.9	606.0	608.5	608.8	609.5
140°	569.0	571.3	573.6	575.9	578.4	580.6	583.2	585.6	588.2	588.5	589.3
142.5°	552.5	554.2	556.1	557.8	559.7	561.4	563.4	565.5	567.6	568.0	568.6
145°	534.8	536.9	539.1	541.2	543.2	545.6	548.1	550.5	553.0	553.1	553.4
147.5°	522.2	523.9	525.9	527.7	529.6	531.5	533.9	535.9	538.2	538.3	538.5
150°	507.8	509.7	511.8	513.7	515.8	518.0	520.3	522.7	525.3	525.8	526.4
152.5°	495.1	497.2	499.5	501.8	504.1	506.5	509.0	511.6	514.2	514.6	515.3
155°	484.2	486.2	488.7	491.0	493.3	495.5	498.1	500.6	503.1	503.9	504.5
157.5°	477.5	479.3	481.4	483.5	485.4	487.5	489.9	492.0	494.3	494.9	495.5
160°	472.8	474.4	476.3	478.3	480.0	481.9	483.9	485.7	487.8	488.4	489.0
162.5°	468.8	470.5	472.4	473.9	475.9	477.8	479.8	481.5	483.5	484.0	484.5
165°	466.5	467.8	469.1	470.3	471.8	473.0	474.5	475.8	477.4	477.9	478.6
167.5°	468.9	469.8	470.7	471.7	472.9	473.9	475.0	476.0	477.3	477.8	478.5
170°	468.6	469.5	470.3	471.3	472.3	473.3	474.2	475.1	476.3	476.9	477.6
172.5°	469.8	470.2	471.0	471.5	472.2	472.7	473.5	474.1	474.8	475.6	476.2
175°	472.4	472.7	473.0	473.2	473.6	473.9	474.3	474.7	475.0	475.6	476.1
177.5°	476.2	476.4	476.8	477.0	477.4	477.6	478.0	478.2	478.5	479.2	480.0
180°	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4



TEST NUMBER: P1444389  
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**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8
2.5°	26427.7	26427.5	26426.6	26425.4	26424.2	26424.9	26426.1	26429.1	26434.5	26442.2	26452.1
5°	26335.0	26340.4	26343.5	26343.9	26341.1	26339.4	26342.0	26349.2	26363.9	26388.5	26421.7
7.5°	26237.7	26244.4	26254.6	26262.3	26263.8	26261.8	26262.3	26273.7	26300.7	26348.5	26415.7
10°	26133.8	26114.1	26124.5	26143.6	26158.7	26161.5	26163.4	26176.8	26216.3	26288.6	26396.4
12.5°	26038.0	25975.4	25963.4	25980.5	26003.5	26010.9	26008.9	26014.6	26061.0	26156.6	26307.0
15°	25911.7	25794.1	25753.9	25758.4	25786.7	25797.0	25789.5	25778.1	25823.2	25940.1	26134.5
17.5°	25707.5	25517.9	25444.0	25440.7	25473.9	25482.8	25464.5	25429.1	25473.5	25619.4	25860.9
20°	25397.1	25117.1	24978.0	24955.9	24991.9	24981.4	24945.0	24891.5	24949.8	25127.1	25414.3
22.5°	24839.1	24484.3	24246.6	24169.9	24213.1	24184.2	24131.0	24062.8	24140.3	24341.8	24661.6
25°	23927.1	23517.2	23191.8	23009.1	23043.5	22992.0	22934.1	22851.3	22943.8	23175.0	23527.1
27.5°	22586.7	22113.2	21709.8	21407.7	21418.7	21351.1	21284.5	21177.4	21292.8	21566.5	21963.5
30°	20804.3	20256.4	19765.2	19354.4	19317.7	19252.1	19183.8	19043.4	19187.7	19515.4	19979.3
32.5°	18565.8	17957.5	17390.0	16870.7	16772.7	16708.7	16647.9	16486.2	16675.2	17057.2	17590.3
35°	15948.1	15300.1	14684.8	14091.6	13929.3	13865.4	13812.2	13657.2	13893.2	14308.9	14884.6
37.5°	13074.7	12412.8	11802.0	11193.6	10964.3	10877.5	10838.9	10737.4	11009.7	11420.9	11998.8
40°	10124.9	9509.4	8961.8	8424.5	8163.1	8030.3	8010.0	7991.6	8254.8	8611.6	9136.2
42.5°	7365.5	6869.0	6446.7	6036.0	5799.0	5617.7	5617.6	5672.7	5909.7	6176.9	6581.5
45°	5094.9	4761.7	4492.7	4218.2	4291.6	3930.2	4142.6	4033.5	4150.6	4323.0	4586.0
47.5°	3502.2	3320.4	3172.6	3019.2	2907.5	2800.8	2810.2	2879.0	2989.3	3091.5	3228.4
50°	2552.6	2459.9	2384.7	2305.1	2249.5	2202.3	2205.1	2234.8	2292.9	2346.7	2418.4
52.5°	2000.1	1949.0	1908.1	1864.1	1834.9	1811.6	1812.8	1827.2	1858.6	1889.4	1930.4
55°	1648.6	1642.5	1589.3	1549.7	1534.7	1518.9	1521.8	1527.5	1548.8	1566.9	1594.0
57.5°	1381.5	1357.6	1341.7	1320.9	1311.3	1300.3	1302.8	1304.9	1319.2	1331.3	1350.8
60°	1192.9	1176.0	1164.7	1150.6	1144.3	1137.2	1138.9	1140.2	1149.3	1157.1	1171.1
62.5°	1067.6	1052.5	1042.7	1031.7	1027.4	1022.6	1023.7	1024.0	1029.8	1035.5	1046.2
65°	971.5	959.6	951.4	941.9	937.3	932.4	932.9	932.9	937.7	941.9	949.9
67.5°	869.9	860.9	855.5	848.1	844.9	839.9	839.8	838.3	841.4	843.0	848.5
70°	788.3	779.1	772.4	765.2	761.3	756.9	757.0	757.1	760.7	764.5	771.5
72.5°	737.9	729.2	723.2	716.9	713.2	709.4	708.7	708.3	710.9	713.1	717.7
75°	671.2	664.2	660.7	654.7	651.8	647.6	646.9	645.0	646.3	646.7	650.1
77.5°	590.3	583.6	580.8	574.8	572.3	567.6	567.2	564.9	565.9	565.2	567.9
80°	497.9	492.0	490.4	485.4	484.3	479.9	479.2	476.6	477.3	475.2	476.2
82.5°	394.9	389.5	388.3	383.7	383.7	379.7	379.5	375.4	375.4	372.0	366.6
85°	278.2	274.1	272.5	268.8	267.7	264.5	262.7	258.9	257.6	255.1	254.4
87.5°	146.8	144.3	142.0	140.3	137.0	131.2	130.7	126.6	126.9	124.1	124.3
90°	53.7	49.4	48.0	44.1	42.4	39.3	37.7	38.6	40.1	41.1	42.7
92.5°	53.8	51.7	49.6	47.5	45.5	43.4	41.4	43.4	45.5	47.5	49.6
95°	61.0	59.2	57.4	55.6	53.7	51.9	50.0	51.9	53.7	55.7	57.5
97.5°	67.9	66.7	65.6	64.4	63.3	62.1	60.9	62.2	63.4	64.5	65.7
100°	78.2	76.8	75.5	74.1	72.6	71.3	69.9	71.5	72.8	74.3	75.7
102.5°	136.4	127.9	119.4	110.9	102.4	93.9	85.5	93.9	102.4	111.0	119.5
105°	326.8	298.3	269.5	240.8	212.2	183.5	154.9	183.6	212.3	240.9	269.7
107.5°	659.2	608.9	558.5	508.1	457.6	407.2	356.8	407.3	457.8	508.2	558.7
110°	979.1	935.6	892.3	848.8	805.2	761.7	718.1	761.8	805.4	849.0	892.6



TEST NUMBER: P1444389  
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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°	1152.1	1125.6	1099.2	1072.8	1046.1	1019.8	993.2	1020.0	1046.5	1073.3	1099.8
115°	1187.9	1173.9	1160.0	1146.0	1131.9	1117.9	1103.6	1118.2	1132.4	1146.6	1160.9
117.5°	1143.7	1138.9	1133.7	1128.8	1123.7	1118.7	1113.5	1118.9	1124.2	1129.7	1134.7
120°	1053.7	1054.3	1054.6	1054.9	1055.3	1055.6	1055.8	1056.0	1056.0	1056.0	1055.9
122.5°	955.3	958.8	962.2	965.6	969.0	972.4	975.6	972.8	969.9	966.9	963.8
125°	864.5	868.2	871.8	875.3	878.7	882.3	885.4	882.8	879.8	876.8	873.7
127.5°	787.3	790.6	793.7	797.0	799.9	802.9	805.7	803.5	800.9	798.4	795.7
130°	723.4	726.0	728.1	730.4	732.5	734.7	736.6	735.3	733.6	732.2	730.3
132.5°	676.6	678.5	680.3	682.0	683.4	685.0	686.1	685.6	684.7	683.9	682.7
135°	640.3	641.4	642.5	643.7	644.4	645.4	645.9	646.1	645.8	645.6	645.1
137.5°	609.9	610.6	610.9	611.3	611.5	611.7	611.6	612.4	612.8	613.5	613.6
140°	589.7	590.4	590.7	591.1	591.4	591.7	591.5	592.4	592.8	593.3	593.4
142.5°	569.1	569.7	570.0	570.5	570.6	570.9	570.8	571.6	572.0	572.5	572.7
145°	553.8	554.0	554.1	554.3	554.3	554.2	553.8	554.9	555.7	556.3	556.9
147.5°	538.8	539.1	539.0	539.1	539.1	539.0	538.7	539.6	540.4	541.0	541.6
150°	527.0	527.6	528.1	528.5	528.8	529.1	529.1	529.7	530.0	530.4	530.5
152.5°	515.7	516.2	516.7	517.1	517.3	517.5	517.6	518.1	518.6	519.1	519.3
155°	505.1	505.8	506.4	507.0	507.4	507.9	508.2	508.6	508.9	509.1	509.3
157.5°	496.0	496.7	497.2	497.8	498.2	498.8	499.3	499.7	500.0	500.4	500.6
160°	489.4	490.1	490.5	491.1	491.6	492.1	492.5	492.9	493.3	493.6	494.0
162.5°	485.0	485.6	485.9	486.5	487.0	487.5	488.0	488.4	488.8	489.2	489.5
165°	479.4	480.1	480.7	481.4	482.2	482.9	483.4	483.6	483.7	483.8	483.9
167.5°	479.1	479.8	480.4	481.1	481.6	482.4	483.0	483.2	483.1	483.2	483.3
170°	478.0	478.6	479.3	479.8	480.4	481.1	481.5	481.6	481.6	481.7	481.8
172.5°	477.0	477.8	478.5	479.3	480.0	480.6	481.3	481.2	481.0	480.7	480.4
175°	476.8	477.5	478.1	478.7	479.3	479.9	480.6	480.2	480.1	479.7	479.5
177.5°	480.8	481.7	482.4	483.1	483.9	484.6	485.4	484.7	484.1	483.5	482.8
180°	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4



TEST NUMBER: P1444389  
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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°	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8
2.5°	26466.3	26479.6	26499.8	26518.1	26545.8	26567.6	26600.4	26625.2	26662.1	26686.1	26726.3
5°	26468.7	26520.5	26588.6	26655.0	26734.9	26807.4	26897.5	26974.3	27064.9	27138.8	27231.4
7.5°	26506.1	26605.9	26725.6	26846.3	26982.6	27110.2	27253.9	27384.1	27526.2	27646.6	27778.1
10°	26533.7	26687.7	26864.1	27041.6	27228.4	27401.9	27577.2	27728.6	27870.1	27986.5	28089.5
12.5°	26496.2	26708.4	26934.8	27153.3	27361.1	27540.7	27691.4	27807.9	27888.3	27942.8	27955.6
15°	26369.0	26624.3	26870.4	27088.0	27260.5	27393.3	27462.2	27494.4	27459.8	27402.4	27276.2
17.5°	26131.3	26400.6	26620.5	26792.3	26883.4	26919.4	26862.4	26763.3	26569.5	26354.4	26043.7
20°	25695.5	25946.3	26106.0	26199.6	26175.2	26085.1	25869.9	25608.3	25221.4	24809.1	24264.9
22.5°	24931.0	25150.3	25235.4	25242.4	25093.6	24868.0	24479.9	24031.2	23420.8	22786.2	22005.9
25°	23783.5	23975.7	23989.1	23913.6	23641.5	23275.8	22705.8	22071.2	21241.8	20396.2	19418.3
27.5°	22227.3	22411.5	22366.4	22225.6	21847.9	21358.6	20628.8	19808.9	18786.4	17787.7	16705.9
30°	20271.0	20468.1	20415.1	20234.5	19785.2	19206.8	18348.2	17395.5	16260.2	15193.6	14097.4
32.5°	17929.9	18179.1	18142.4	17970.8	17501.9	16883.0	15951.3	14940.9	13779.4	12728.3	11662.0
35°	15268.9	15571.4	15587.0	15474.8	15039.5	14427.8	13507.8	12529.9	11417.3	10425.6	9440.5
37.5°	12402.0	12752.8	12824.7	12794.4	12433.7	11893.7	11055.5	10178.1	9192.6	8323.3	7480.8
40°	9519.3	9874.3	9997.4	10033.9	9767.7	9349.5	8661.5	7953.3	7149.9	6445.6	5776.6
42.5°	6890.4	7205.1	7324.0	7398.9	7232.7	6953.8	6451.9	5937.8	5349.1	4841.1	4354.0
45°	4785.5	5008.1	5098.6	5174.0	5083.4	4926.1	4609.2	4287.5	3899.0	3567.0	3252.8
47.5°	3345.8	3468.5	3528.3	3564.9	3529.8	3447.8	3275.3	3089.0	2869.6	2675.7	2489.1
50°	2479.9	2545.3	2576.6	2597.7	2572.1	2526.5	2433.2	2331.8	2211.3	2101.4	1994.0
52.5°	1965.3	2002.8	2021.3	2032.7	2018.1	1990.2	1935.9	1875.7	1803.5	1735.6	1699.9
55°	1655.7	1653.8	1696.6	1675.9	1696.6	1650.3	1640.6	1574.5	1514.5	1472.3	1426.6
57.5°	1365.4	1384.9	1393.1	1402.3	1396.4	1387.9	1364.8	1341.1	1309.5	1283.0	1254.8
60°	1181.9	1197.9	1207.0	1216.1	1215.5	1212.4	1199.0	1184.9	1165.1	1149.3	1132.2
62.5°	1055.5	1069.3	1078.3	1087.1	1087.9	1086.6	1076.5	1066.6	1053.2	1043.2	1031.5
65°	956.0	965.8	971.9	978.8	978.5	976.6	967.4	959.4	948.3	941.3	932.7
67.5°	852.0	859.4	864.1	870.7	872.0	872.4	867.3	863.5	858.1	856.1	853.2
70°	778.0	786.9	794.5	802.9	807.4	809.5	807.4	805.4	802.3	800.9	798.6
72.5°	722.0	729.6	735.5	743.0	747.3	750.3	748.6	747.6	744.8	744.4	742.8
75°	652.4	657.7	661.0	666.6	669.0	671.8	670.5	671.2	670.3	672.5	672.4
77.5°	568.8	572.6	574.2	578.4	578.8	582.2	582.9	586.9	589.9	596.1	599.4
80°	474.6	477.1	477.1	481.3	483.2	489.0	491.8	498.3	501.4	507.0	507.4
82.5°	368.7	365.9	368.7	367.0	372.3	378.9	379.7	385.3	386.5	390.2	387.4
85°	252.0	251.8	249.6	250.0	248.3	249.1	248.1	249.2	248.2	248.3	245.8
87.5°	120.8	121.9	119.2	120.1	117.5	118.8	116.4	118.3	115.5	115.9	112.0
90°	43.8	45.2	46.4	47.9	49.7	53.6	57.6	61.5	65.9	69.6	73.8
92.5°	51.7	53.9	55.9	58.0	60.0	66.2	72.4	78.6	85.0	91.0	97.3
95°	59.3	61.1	63.1	65.1	66.9	75.9	84.8	93.7	102.6	111.6	120.5
97.5°	67.0	68.2	69.3	70.5	71.7	82.2	92.8	103.3	113.9	124.4	134.9
100°	77.1	78.5	79.9	81.3	82.7	107.1	131.4	155.7	180.0	204.1	228.4
102.5°	128.1	136.6	145.1	153.8	162.2	221.2	280.1	339.0	397.7	456.8	515.6
105°	298.5	327.1	356.0	384.6	413.3	502.5	591.7	680.9	769.9	859.1	948.3
107.5°	609.2	659.7	710.2	760.7	811.1	895.1	978.9	1062.7	1146.6	1230.5	1314.1
110°	936.3	979.6	1023.4	1067.0	1110.6	1177.1	1243.9	1310.4	1377.0	1443.6	1510.1



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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°	1126.4	1153.0	1179.6	1206.0	1232.6	1281.4	1330.6	1379.4	1428.3	1477.1	1525.9
115°	1175.0	1188.9	1203.1	1217.2	1231.4	1260.9	1290.5	1320.1	1349.7	1379.2	1408.9
117.5°	1140.0	1145.1	1150.3	1155.2	1160.4	1175.6	1191.0	1206.3	1221.6	1236.8	1252.1
120°	1055.8	1055.5	1055.3	1054.9	1054.7	1059.6	1064.6	1069.4	1074.4	1079.1	1083.9
122.5°	960.7	957.3	954.1	950.8	947.5	945.9	944.7	943.2	942.0	940.4	939.0
125°	870.5	867.1	863.8	860.4	856.8	852.9	849.0	845.0	841.0	836.9	832.8
127.5°	793.1	790.0	787.3	784.2	781.2	776.5	772.1	767.4	763.2	758.5	754.0
130°	728.6	726.5	724.6	722.1	720.2	716.1	712.4	708.4	704.5	700.5	696.7
132.5°	681.5	680.1	678.8	677.0	675.6	672.1	669.0	665.2	661.8	658.3	654.9
135°	644.5	643.8	643.3	642.3	641.5	638.8	636.4	633.8	631.3	628.7	626.2
137.5°	613.9	613.7	613.7	613.5	613.5	611.3	609.3	607.1	605.1	603.0	601.1
140°	593.7	593.6	593.7	593.5	593.4	591.1	589.0	586.6	584.4	582.1	579.9
142.5°	572.9	572.9	573.0	572.8	572.8	571.0	569.4	567.8	566.0	564.2	562.6
145°	557.3	557.6	557.9	558.0	558.4	556.2	554.1	551.9	550.1	548.0	546.0
147.5°	542.2	542.5	542.9	543.2	543.8	541.8	540.3	538.4	536.8	535.1	533.5
150°	530.7	530.8	531.0	530.9	530.9	529.0	527.3	525.4	523.7	521.8	520.0
152.5°	519.5	519.7	520.0	520.1	520.3	518.4	516.5	514.5	512.6	510.5	508.5
155°	509.5	509.6	509.7	509.7	509.7	507.9	506.1	504.1	502.3	500.4	498.5
157.5°	500.8	501.0	501.2	501.3	501.4	499.8	498.1	496.5	494.9	493.3	491.7
160°	494.2	494.5	494.7	494.8	495.0	493.6	492.5	490.9	489.7	488.2	486.6
162.5°	489.8	490.1	490.3	490.4	490.6	489.2	488.1	486.6	485.3	483.7	482.4
165°	484.1	484.0	484.0	483.9	483.9	483.0	482.2	481.3	480.4	479.3	478.4
167.5°	483.3	483.2	483.3	483.1	483.1	482.4	482.0	481.3	480.6	479.9	479.2
170°	481.7	481.7	481.6	481.4	481.4	480.7	480.1	479.5	479.0	478.1	477.4
172.5°	480.2	479.9	479.6	479.4	479.0	478.5	478.2	477.7	477.4	476.9	476.4
175°	479.1	478.8	478.5	478.2	477.8	477.7	477.4	477.3	477.1	476.8	476.6
177.5°	482.4	481.8	481.1	480.5	479.9	479.7	479.6	479.3	479.3	479.1	478.9
180°	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4



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**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8
2.5°	26751.2	26586.0	26564.1	26575.7	26603.4	26613.6	26643.4	26651.5	26681.5	26688.9	26717.7
5°	27303.1	27084.8	27095.7	27148.2	27227.7	27275.1	27353.2	27394.0	27468.6	27502.5	27570.0
7.5°	27885.2	27713.7	27767.2	27855.8	27964.4	28039.7	28133.5	28194.7	28275.6	28325.8	28390.5
10°	28171.0	28124.1	28182.9	28252.6	28314.6	28363.1	28402.9	28434.7	28455.6	28475.2	28483.7
12.5°	27953.5	28026.3	28036.3	28029.5	27988.4	27957.1	27886.6	27838.7	27753.8	27702.0	27600.8
15°	27147.3	27307.2	27218.7	27084.6	26888.4	26725.0	26494.0	26322.1	26081.5	25918.5	25677.1
17.5°	25732.4	25934.2	25703.6	25393.4	24998.8	24661.3	24240.9	23907.3	23489.4	23185.4	22795.4
20°	23740.6	23929.1	23517.7	23003.5	22393.1	21879.5	21273.8	20790.4	20227.6	19808.9	19303.6
22.5°	21260.5	21394.8	20815.2	20122.0	19344.4	18702.7	17978.5	17399.1	16756.7	16278.0	15739.2
25°	18516.8	18553.1	17857.7	17059.2	16192.4	15471.3	14698.1	14088.9	13433.7	12948.6	12419.8
27.5°	15747.5	15694.4	14942.8	14096.0	13184.4	12434.8	11680.7	11109.8	10536.0	10099.0	9643.4
30°	13133.6	13005.0	12224.6	11354.3	10469.4	9797.5	9171.4	8713.0	8256.5	7909.9	7544.2
32.5°	10736.8	10555.1	9795.6	8980.2	8234.5	7716.0	7251.8	6904.9	6536.3	6243.5	5936.6
35°	8613.7	8420.2	7747.3	7056.0	6491.7	6109.5	5744.6	5460.0	5147.0	4900.0	4633.4
37.5°	6791.7	6633.1	6069.4	5525.5	5098.6	4802.4	4503.5	4270.9	4012.2	3903.5	3618.7
40°	5243.2	5132.3	4691.5	4290.6	3970.0	3830.9	3527.5	3310.1	3116.9	2957.5	2803.1
42.5°	4089.8	4050.5	3621.6	3308.9	3083.1	2907.8	2738.7	2601.4	2467.8	2357.9	2254.1
45°	3001.3	2970.2	2779.8	2599.3	2445.5	2322.9	2208.6	2114.2	2026.9	1954.4	1888.5
47.5°	2337.0	2327.2	2217.5	2105.6	2008.6	1929.9	1855.8	1793.1	1735.1	1686.7	1671.0
50°	1900.9	1899.5	1835.2	1766.2	1697.1	1651.6	1604.3	1567.2	1529.9	1501.0	1470.3
52.5°	1615.1	1608.1	1564.7	1522.0	1481.0	1451.1	1420.9	1397.3	1372.5	1354.7	1335.6
55°	1390.4	1397.8	1372.6	1347.2	1321.6	1303.0	1281.7	1266.1	1249.2	1237.9	1226.4
57.5°	1234.4	1244.1	1231.0	1216.5	1200.9	1188.7	1174.1	1163.3	1152.0	1144.7	1138.1
60°	1120.9	1131.5	1126.1	1118.9	1109.3	1102.0	1092.6	1086.7	1079.4	1075.4	1071.7
62.5°	1024.5	1037.9	1035.9	1032.5	1026.4	1022.3	1017.2	1014.5	1009.7	1008.0	1006.2
65°	928.5	943.4	943.1	941.4	938.0	936.9	933.6	933.1	930.6	931.6	931.4
67.5°	852.9	865.8	868.7	870.8	870.7	871.5	871.2	872.5	872.5	874.3	875.5
70°	798.3	807.4	809.5	811.7	812.3	814.1	814.1	815.2	814.9	816.5	816.6
72.5°	743.2	755.1	757.3	759.1	759.1	760.7	759.9	759.6	757.2	756.6	755.0
75°	674.6	689.9	693.2	695.4	695.7	697.1	695.1	693.8	689.9	688.2	685.5
77.5°	603.0	618.8	621.1	621.9	620.6	620.9	616.6	613.7	608.7	606.6	604.0
80°	509.7	533.1	534.9	533.5	529.8	529.2	525.0	522.3	516.2	514.2	511.9
82.5°	387.9	415.2	419.0	420.7	417.7	418.4	414.4	412.9	407.3	406.3	402.7
85°	244.9	272.2	276.8	276.1	273.1	272.4	270.0	270.8	270.3	271.8	272.6
87.5°	112.5	138.9	145.3	143.3	143.0	141.2	136.9	138.4	141.1	142.7	142.8
90°	77.8	89.8	93.6	90.9	85.5	82.3	77.2	74.5	69.7	67.0	62.3
92.5°	103.4	109.7	115.8	110.3	104.8	99.3	93.8	88.2	82.8	77.2	71.8
95°	129.5	138.1	147.1	139.7	132.4	125.0	117.6	110.4	103.0	95.7	88.4
97.5°	145.4	155.8	166.2	158.8	151.6	144.1	136.7	129.5	122.1	114.6	107.4
100°	252.8	276.7	300.9	280.0	259.0	238.2	217.3	196.5	175.6	154.8	133.8
102.5°	574.4	633.0	691.8	638.9	586.0	533.3	480.5	427.6	374.8	322.0	269.2
105°	1037.3	1125.9	1214.9	1134.1	1053.5	973.0	892.4	811.7	731.1	650.5	570.0
107.5°	1397.9	1481.1	1564.7	1491.8	1418.9	1346.1	1273.1	1200.3	1127.4	1054.5	981.7
110°	1576.6	1642.2	1708.5	1659.5	1610.7	1561.7	1512.9	1464.1	1415.2	1366.5	1317.7



TEST NUMBER: P1444389  
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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°	1574.6	1622.5	1670.9	1642.1	1613.7	1585.0	1556.6	1527.9	1499.6	1471.0	1442.8
115°	1438.1	1466.3	1495.3	1484.0	1472.8	1461.6	1450.3	1439.2	1427.9	1416.8	1405.8
117.5°	1267.2	1280.8	1295.5	1293.3	1291.5	1289.4	1287.6	1285.7	1284.0	1282.0	1280.3
120°	1088.7	1091.7	1096.0	1097.5	1099.2	1100.7	1102.4	1104.0	1105.8	1107.4	1109.2
122.5°	937.5	934.0	931.9	933.4	935.0	936.4	938.0	939.5	941.1	942.7	944.4
125°	828.8	822.5	817.8	816.1	814.4	812.5	810.7	808.9	807.4	805.7	804.1
127.5°	749.4	742.5	737.3	732.9	728.7	724.3	719.9	715.4	711.2	706.8	702.7
130°	692.9	686.4	681.8	676.1	670.9	665.1	659.8	654.1	648.7	643.1	637.7
132.5°	651.4	645.2	641.1	635.9	630.7	625.3	620.1	614.7	609.4	604.0	598.8
135°	623.6	618.2	615.1	610.1	605.6	600.7	595.8	591.1	586.3	581.3	576.7
137.5°	598.8	593.8	591.1	587.1	583.6	579.7	576.0	572.0	568.3	564.2	560.6
140°	577.6	572.2	569.3	567.2	565.2	562.9	561.0	558.8	556.8	554.5	552.4
142.5°	560.9	555.8	553.4	552.1	550.9	549.6	548.5	547.1	545.9	544.4	543.0
145°	544.0	538.1	535.3	535.3	535.4	535.4	535.3	535.3	535.2	535.1	535.0
147.5°	531.5	525.8	523.1	523.5	523.9	524.2	524.7	524.8	525.3	525.5	525.9
150°	518.0	511.5	508.3	509.0	509.6	510.4	511.1	511.9	512.7	513.3	514.0
152.5°	506.4	498.6	495.1	495.8	496.7	497.3	498.2	499.1	500.0	500.8	501.6
155°	496.3	488.0	484.2	484.4	484.7	485.2	485.5	486.0	486.4	486.9	487.4
157.5°	489.9	481.2	477.7	477.6	477.8	477.9	478.0	478.3	478.5	478.7	479.2
160°	485.1	476.7	473.2	473.0	473.3	473.3	473.3	473.5	473.7	473.9	474.3
162.5°	480.8	472.5	469.2	469.0	468.9	469.1	469.2	469.1	469.3	469.5	469.8
165°	477.3	470.1	467.3	467.4	467.6	467.8	468.0	468.3	468.7	469.1	469.5
167.5°	478.4	472.0	469.8	469.5	469.2	468.9	468.9	468.5	468.5	468.3	468.3
170°	476.7	471.6	469.6	469.6	469.8	469.9	469.9	470.0	470.1	470.2	470.4
172.5°	475.8	472.2	470.7	471.1	471.5	471.9	472.3	472.7	473.1	473.6	474.0
175°	476.3	474.0	473.4	473.4	473.7	473.9	474.1	474.4	474.6	474.8	475.3
177.5°	478.7	478.0	477.6	477.6	477.6	477.6	477.6	477.6	477.6	477.7	477.7
180°	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8
2.5°	26723.1	26754.2	26751.9	26781.0	26779.5	26806.9	26801.4	26825.1	26819.7	26839.9	26828.0
5°	27599.7	27658.9	27678.5	27732.0	27743.1	27790.9	27791.9	27829.9	27825.3	27855.1	27839.2
7.5°	28428.9	28484.2	28510.4	28552.0	28572.8	28607.2	28620.6	28648.9	28655.7	28672.3	28671.8
10°	28498.8	28498.6	28511.6	28505.8	28517.4	28510.7	28524.8	28519.8	28540.7	28535.3	28551.1
12.5°	27557.2	27463.8	27429.7	27345.7	27327.4	27255.3	27260.5	27214.2	27236.5	27208.2	27256.5
15°	25533.6	25316.7	25209.6	25021.1	24962.0	24813.0	24800.9	24701.9	24728.7	24676.9	24752.6
17.5°	22543.1	22201.7	22014.5	21739.2	21629.9	21419.3	21377.0	21249.6	21269.3	21205.1	21296.6
20°	18977.6	18565.1	18328.9	18010.5	17868.6	17617.4	17550.7	17408.3	17426.1	17362.3	17465.7
22.5°	15371.4	14939.8	14673.0	14339.4	14158.1	13921.9	13850.9	13707.8	13715.9	13656.0	13755.5
25°	12057.6	11643.7	11384.7	11081.7	10924.3	10707.8	10633.2	10504.8	10512.1	10462.6	10551.8
27.5°	9327.4	8987.8	8771.1	8517.2	8376.1	8198.0	8125.4	8017.3	8017.0	7980.8	8055.4
30°	7288.8	7005.4	6811.0	6589.8	6457.3	6296.6	6226.4	6129.8	6125.5	6099.8	6159.0
32.5°	5707.0	5455.0	5277.6	5082.8	4964.0	4826.0	4759.7	4682.0	4674.8	4651.6	4700.2
35°	4436.5	4224.2	4071.6	3907.8	3919.9	3716.4	3750.3	3592.2	3549.4	3540.0	3576.2
37.5°	3428.9	3264.4	3140.5	3017.8	2934.7	2848.7	2802.4	2760.8	2756.1	2752.0	2777.5
40°	2683.8	2568.8	2478.7	2394.5	2337.2	2284.8	2255.8	2233.0	2227.6	2224.5	2239.9
42.5°	2172.2	2094.6	2036.5	1985.1	1950.3	1921.7	1905.9	1893.2	1888.9	1889.0	1898.1
45°	1835.2	1788.1	1750.7	1718.7	1696.5	1706.3	1677.6	1692.6	1672.7	1693.3	1679.8
47.5°	1616.1	1576.1	1552.9	1530.2	1516.8	1506.0	1506.4	1506.6	1510.8	1511.5	1515.9
50°	1447.1	1423.9	1407.9	1393.4	1386.4	1380.7	1382.6	1384.1	1388.3	1388.6	1391.8
52.5°	1322.0	1306.8	1297.1	1288.1	1285.0	1281.7	1283.1	1282.5	1284.4	1283.4	1286.1
55°	1220.2	1213.0	1210.0	1206.7	1207.2	1206.3	1206.9	1203.6	1201.6	1199.2	1201.4
57.5°	1136.7	1135.7	1137.7	1139.2	1143.0	1144.4	1145.2	1141.5	1138.0	1134.7	1136.6
60°	1072.4	1073.9	1079.0	1083.2	1088.6	1091.2	1092.7	1090.6	1088.0	1085.4	1087.0
62.5°	1008.8	1011.3	1017.4	1022.0	1028.7	1032.1	1035.9	1036.1	1037.2	1036.1	1037.3
65°	935.1	938.2	943.7	947.6	953.7	956.7	960.7	961.4	963.6	963.1	964.9
67.5°	879.1	881.9	886.5	890.1	895.7	898.8	902.2	902.4	903.3	903.1	904.8
70°	819.4	820.7	824.9	827.9	833.4	836.7	840.6	841.8	844.2	844.6	846.7
72.5°	755.7	755.1	757.6	759.0	763.1	765.6	770.7	773.4	777.5	778.6	780.1
75°	686.3	685.7	688.6	689.9	693.4	695.9	701.6	705.2	711.5	714.3	713.6
77.5°	606.0	607.4	612.9	616.0	620.6	624.0	631.2	637.0	648.7	653.8	648.6
80°	516.2	517.7	523.4	526.2	532.4	536.4	544.6	551.3	561.8	564.0	561.1
82.5°	405.8	406.2	411.4	413.5	421.6	427.4	437.7	443.2	449.6	448.6	447.8
85°	276.8	280.5	286.9	293.2	303.1	312.5	322.3	330.2	324.6	333.6	323.5
87.5°	147.9	147.5	156.2	154.8	168.5	176.5	184.9	189.0	193.5	192.6	192.7
90°	59.9	56.9	56.0	52.8	52.6	49.1	49.6	46.4	47.3	43.6	49.1
92.5°	66.2	63.3	60.2	57.3	54.3	51.4	48.3	45.3	42.4	39.4	42.4
95°	81.0	78.3	75.5	72.6	69.9	67.1	64.4	61.6	58.8	56.1	59.5
97.5°	100.0	98.4	96.8	95.1	93.5	92.0	90.4	88.8	87.1	85.5	87.8
100°	112.9	112.9	112.9	112.9	112.7	112.7	112.7	112.7	112.7	112.7	114.5
102.5°	216.3	211.1	205.8	200.4	195.1	189.9	184.6	179.3	174.1	168.8	176.6
105°	489.4	468.7	448.0	427.3	406.6	385.9	365.4	344.7	324.1	303.4	324.7
107.5°	909.0	871.3	833.6	796.0	758.3	720.7	683.1	645.5	607.9	570.3	604.0
110°	1268.8	1228.9	1188.8	1148.9	1108.9	1068.9	1029.0	989.1	949.2	909.3	941.4



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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°	1414.3	1388.3	1362.6	1336.7	1311.0	1285.3	1259.5	1233.8	1208.2	1182.4	1198.1
115°	1394.6	1382.4	1370.0	1357.8	1345.6	1333.3	1321.0	1308.9	1296.7	1284.6	1285.5
117.5°	1278.5	1274.3	1270.2	1266.1	1262.0	1258.0	1254.0	1250.1	1246.1	1242.3	1233.6
120°	1111.2	1112.4	1113.6	1115.0	1116.5	1117.9	1119.2	1120.8	1122.4	1124.0	1112.3
122.5°	946.1	949.1	952.1	955.2	958.3	961.7	964.9	968.3	971.8	975.2	963.5
125°	802.4	805.3	808.2	811.3	814.3	817.6	820.8	824.3	827.6	831.1	821.2
127.5°	698.4	699.4	700.4	701.7	702.8	704.1	705.5	707.0	708.6	710.3	704.2
130°	632.1	631.1	630.0	629.1	628.0	627.4	626.7	626.1	625.5	625.2	622.4
132.5°	593.5	591.0	588.4	586.0	583.7	581.6	579.4	577.5	575.5	573.8	573.0
135°	571.8	568.4	564.9	561.5	558.2	555.3	552.2	549.4	546.6	544.0	544.4
137.5°	556.7	553.3	549.9	546.6	543.2	540.3	537.2	534.3	531.5	528.9	529.9
140°	550.3	546.9	543.3	540.1	537.0	533.9	530.8	528.1	525.1	522.7	523.3
142.5°	541.6	538.7	535.5	532.6	529.6	526.9	524.2	521.7	518.9	516.7	517.4
145°	535.0	532.8	530.4	528.1	526.0	524.1	521.9	520.0	518.2	516.7	517.0
147.5°	526.1	524.5	522.7	521.0	519.2	517.9	516.3	515.0	513.7	512.5	512.6
150°	514.6	513.6	512.4	511.4	510.3	509.2	508.2	507.4	506.5	505.8	505.7
152.5°	502.4	501.5	500.4	499.5	498.4	497.6	496.7	496.0	495.2	494.5	494.4
155°	488.0	487.4	487.0	486.5	486.1	485.9	485.5	485.3	485.0	484.8	484.9
157.5°	479.4	479.3	479.0	479.1	479.0	478.9	478.8	479.0	478.8	479.0	479.2
160°	474.7	474.4	474.0	473.8	473.6	473.3	473.2	473.0	472.9	472.7	473.1
162.5°	470.0	470.3	470.4	470.5	470.8	471.0	471.3	471.7	471.9	472.3	472.6
165°	470.0	469.9	469.7	469.5	469.6	469.6	469.6	469.7	469.7	469.9	470.4
167.5°	468.2	468.5	468.6	469.0	469.3	469.7	470.0	470.6	471.0	471.6	472.0
170°	470.4	470.4	470.4	470.4	470.4	470.6	470.7	470.8	470.9	471.2	471.5
172.5°	474.4	474.4	474.2	474.4	474.2	474.4	474.4	474.5	474.5	474.6	474.8
175°	475.3	475.7	475.9	476.3	476.4	476.7	476.9	477.2	477.4	477.7	477.7
177.5°	477.7	477.8	477.8	477.8	477.8	477.9	477.9	477.9	477.9	477.8	478.0
180°	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4



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**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8
2.5°	26847.8	26834.4	26848.1	26834.2	26848.1	26831.3	26842.6	26824.6	26829.2	26810.4	26815.3
5°	27862.9	27841.5	27852.9	27825.1	27828.0	27790.9	27790.2	27747.0	27735.6	27686.4	27664.7
7.5°	28683.8	28676.8	28680.7	28662.9	28660.7	28635.4	28623.3	28587.6	28565.1	28519.8	28488.8
10°	28553.9	28574.8	28580.2	28601.5	28606.0	28627.0	28631.5	28652.7	28657.0	28672.7	28672.9
12.5°	27254.2	27325.2	27342.3	27430.1	27467.0	27567.4	27621.3	27732.0	27797.6	27908.0	27975.8
15°	24750.5	24873.5	24922.5	25093.8	25188.7	25388.8	25514.5	25744.2	25906.4	26150.4	26324.4
17.5°	21304.6	21476.4	21554.0	21786.3	21938.0	22233.3	22446.1	22796.4	23064.6	23454.0	23762.6
20°	17483.3	17674.4	17779.6	18044.7	18223.6	18568.6	18834.4	19264.9	19623.9	20117.2	20539.1
22.5°	13786.6	13968.3	14085.1	14354.9	14556.3	14916.2	15213.2	15667.7	16069.8	16625.8	17131.5
25°	10585.5	10752.0	10857.6	11101.6	11290.8	11621.5	11905.1	12342.1	12735.7	13293.3	13812.0
27.5°	8092.5	8231.9	8333.7	8541.8	8708.7	8989.1	9232.8	9593.9	9933.0	10415.4	10877.3
30°	6195.5	6319.1	6418.1	6599.4	6754.0	6997.2	7211.4	7514.7	7795.4	8179.3	8546.7
32.5°	4734.4	4840.8	4929.1	5087.7	5228.0	5447.0	5640.0	5905.9	6146.7	6472.3	6774.6
35°	3609.8	3819.2	3804.3	4023.1	4058.3	4215.4	4387.6	4620.1	4833.4	5110.3	5367.6
37.5°	2801.8	2860.6	2923.8	3020.4	3122.0	3265.0	3410.5	3694.6	3798.8	4007.9	4220.9
40°	2259.4	2299.1	2340.8	2406.2	2477.3	2578.0	2683.9	2819.4	2958.4	3128.0	3301.2
42.5°	1910.1	1932.6	1959.2	1997.5	2041.4	2105.3	2176.1	2268.0	2364.6	2484.0	2605.8
45°	1706.5	1695.8	1703.7	1724.4	1750.8	1789.6	1834.4	1891.3	1954.1	2031.4	2113.9
47.5°	1516.8	1521.2	1523.5	1534.7	1548.8	1574.8	1602.0	1640.6	1715.2	1737.9	1782.8
50°	1391.5	1393.5	1392.9	1398.6	1405.7	1422.7	1440.2	1466.4	1492.5	1527.1	1560.1
52.5°	1286.5	1289.4	1289.0	1292.7	1296.6	1307.3	1318.4	1336.9	1354.0	1376.0	1394.9
55°	1203.5	1207.6	1209.1	1212.3	1214.1	1219.8	1224.1	1233.0	1240.3	1252.8	1264.3
57.5°	1139.8	1145.2	1147.8	1148.8	1146.6	1146.3	1144.8	1146.7	1148.2	1154.9	1161.4
60°	1089.5	1094.0	1094.7	1094.0	1089.8	1086.9	1082.2	1080.6	1079.9	1083.2	1086.7
62.5°	1036.9	1038.6	1037.5	1036.1	1031.5	1028.6	1023.7	1021.9	1020.2	1022.5	1024.3
65°	964.2	965.6	964.2	963.5	959.3	956.9	952.8	951.5	949.1	949.7	949.3
67.5°	905.2	906.6	905.5	904.4	901.4	900.0	897.0	895.1	892.2	891.1	889.1
70°	846.3	847.4	845.7	844.6	841.3	840.0	837.2	836.6	834.3	833.8	831.6
72.5°	778.6	778.7	776.3	775.6	773.2	773.1	771.9	773.0	772.9	774.1	773.6
75°	709.3	708.3	705.4	704.9	703.1	703.9	702.7	704.3	704.5	707.1	707.3
77.5°	639.9	636.3	630.7	628.0	624.3	623.9	621.6	623.2	622.7	625.6	626.8
80°	552.3	547.9	540.7	537.3	532.9	532.1	530.1	532.1	531.1	534.6	537.1
82.5°	440.9	437.1	429.6	426.9	421.8	422.3	420.1	422.3	422.0	427.1	430.0
85°	326.2	323.6	315.9	309.2	301.6	297.2	292.8	292.1	290.8	292.8	294.6
87.5°	188.4	186.1	180.0	176.1	162.9	163.5	158.2	157.9	156.6	155.5	158.2
90°	49.4	54.4	55.0	59.4	60.5	65.6	66.8	71.7	73.0	78.0	79.9
92.5°	45.3	48.3	51.3	54.3	57.2	60.2	63.2	66.2	72.6	78.8	85.5
95°	63.0	66.4	69.8	73.4	76.8	80.2	83.6	87.1	96.5	105.8	115.3
97.5°	90.1	92.3	94.6	96.9	99.2	101.5	103.7	106.0	116.2	126.3	136.4
100°	116.3	118.2	120.0	121.9	123.7	125.5	127.3	129.2	148.8	168.3	187.9
102.5°	184.3	192.2	200.0	207.8	215.6	223.5	231.3	239.0	283.8	328.5	373.3
105°	346.1	367.4	388.9	410.2	431.5	452.8	474.3	495.6	567.3	638.8	710.5
107.5°	637.7	671.4	705.1	739.0	772.7	806.5	840.2	874.0	943.8	1013.7	1083.6
110°	973.5	1005.8	1037.9	1070.0	1102.1	1134.4	1166.6	1198.9	1240.9	1282.6	1324.6



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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°	1213.7	1229.4	1245.0	1260.7	1276.4	1292.2	1307.9	1323.7	1344.7	1365.4	1386.4
115°	1286.5	1287.4	1288.5	1289.4	1290.5	1291.5	1292.8	1293.9	1300.5	1307.1	1313.6
117.5°	1224.9	1216.3	1207.9	1199.2	1190.7	1182.4	1174.0	1165.7	1164.3	1162.9	1161.5
120°	1100.9	1089.3	1077.8	1066.3	1055.0	1043.6	1032.3	1021.1	1015.3	1009.5	1003.8
122.5°	952.0	940.5	929.1	917.7	906.4	895.2	884.1	873.0	868.7	864.7	860.7
125°	811.6	802.1	792.5	783.0	773.7	764.4	755.3	746.2	745.9	745.2	745.1
127.5°	698.2	692.4	686.6	680.9	675.3	669.8	664.3	658.9	661.3	663.4	665.8
130°	619.7	617.1	614.8	612.2	610.0	607.7	605.6	603.4	607.6	611.7	615.9
132.5°	572.6	572.1	571.7	571.3	571.2	571.1	571.2	571.0	575.9	580.7	585.6
135°	544.9	545.6	546.5	547.3	548.4	549.3	550.5	551.5	556.3	560.8	565.4
137.5°	531.0	532.0	533.4	534.6	536.2	537.5	539.2	540.7	544.3	548.0	551.6
140°	524.2	525.0	526.1	527.2	528.3	529.4	530.8	532.0	535.1	537.9	540.6
142.5°	518.3	518.9	519.9	521.0	522.2	523.3	524.5	525.5	527.7	529.6	532.0
145°	517.7	518.2	519.0	519.7	520.4	521.2	522.3	523.1	524.5	525.7	526.9
147.5°	513.0	513.3	513.8	514.3	514.9	515.4	515.9	516.3	517.2	517.9	518.8
150°	505.9	505.9	506.1	506.1	506.5	506.7	507.1	507.3	508.0	508.6	509.5
152.5°	494.5	494.5	494.7	494.7	495.0	495.2	495.3	495.6	496.3	496.8	497.5
155°	485.2	485.6	486.0	486.3	486.8	487.0	487.5	487.8	488.3	488.7	489.2
157.5°	479.6	479.8	480.3	480.5	481.0	481.2	481.6	481.9	482.4	482.7	483.1
160°	473.7	474.4	474.9	475.5	476.0	476.7	477.3	477.9	478.3	478.6	479.0
162.5°	473.0	473.4	473.8	474.1	474.4	474.8	475.1	475.5	476.2	476.7	477.5
165°	471.0	471.6	472.3	472.7	473.3	474.0	474.5	475.1	475.4	475.8	476.1
167.5°	472.7	473.1	473.8	474.4	474.9	475.4	476.1	476.7	477.1	477.3	477.7
170°	472.1	472.6	473.1	473.7	474.2	474.6	475.2	475.6	476.2	476.7	477.4
172.5°	475.3	475.7	476.1	476.6	477.0	477.5	478.0	478.3	478.8	479.2	479.7
175°	477.7	477.7	477.8	477.9	478.0	478.0	478.1	478.3	478.4	478.5	478.6
177.5°	478.2	478.5	478.7	478.9	479.1	479.4	479.6	479.8	479.8	479.8	479.8
180°	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4



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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°	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8
2.5°	26796.5	26797.6	26776.0	26774.8	26754.6	26752.0	26732.3	26726.3	26710.3	26704.5	26688.2
5°	27609.5	27583.1	27522.3	27486.6	27426.4	27386.6	27321.5	27279.1	27216.3	27168.9	27105.8
7.5°	28431.7	28390.8	28322.5	28267.2	28183.8	28117.2	28019.5	27939.6	27833.9	27742.4	27631.3
10°	28672.9	28666.6	28649.1	28623.8	28585.0	28541.4	28475.0	28405.7	28313.0	28212.3	28088.9
12.5°	28079.6	28143.6	28230.9	28282.8	28345.7	28373.4	28399.2	28392.7	28375.7	28324.7	28253.4
15°	26576.5	26756.5	26994.9	27179.6	27392.2	27546.7	27717.3	27823.6	27929.6	27978.6	28008.5
17.5°	24185.4	24526.4	24953.8	25308.0	25716.8	26045.1	26405.0	26675.9	26954.5	27154.1	27334.6
20°	21114.1	21608.0	22212.6	22746.8	23367.8	23907.5	24498.9	24984.5	25485.1	25876.7	26247.2
22.5°	17782.9	18369.5	19100.4	19777.5	20578.2	21297.7	22109.5	22816.0	23553.8	24170.1	24766.0
25°	14507.1	15150.4	15949.7	16705.1	17611.8	18448.8	19411.5	20292.1	21245.7	22073.5	22891.3
27.5°	11515.8	12147.5	12963.4	13767.5	14726.4	15618.2	16649.7	17620.0	18705.6	19706.9	20731.0
30°	9057.3	9593.0	10324.6	11103.5	12049.2	12956.7	13999.5	14997.3	16126.7	17219.9	18373.5
32.5°	7175.8	7583.9	8159.2	8817.8	9690.3	10554.1	11547.1	12510.4	13622.6	14726.9	15926.7
35°	5698.9	6017.2	6455.8	6969.8	7708.7	8453.4	9331.6	10207.5	11245.2	12293.1	13459.3
37.5°	4493.9	4752.2	5095.7	5481.7	6074.4	6685.5	7405.7	8131.9	9033.6	9962.4	11019.3
40°	3509.2	3718.4	3985.8	4273.7	4721.2	5192.1	5749.1	6312.2	7036.6	7795.7	8670.4
42.5°	2756.8	2911.1	3100.0	3310.3	3728.0	3977.9	4355.6	4762.9	5295.4	5846.5	6504.1
45°	2213.9	2319.2	2450.2	2591.3	2785.1	2997.1	3255.8	3527.1	4033.0	4281.1	4681.1
47.5°	1848.9	1919.5	2002.9	2091.8	2206.1	2329.4	2482.8	2639.6	2842.5	3052.7	3299.1
50°	1603.0	1674.8	1703.4	1749.5	1815.7	1886.1	1972.6	2059.1	2167.8	2278.1	2405.0
52.5°	1420.5	1443.9	1475.1	1504.3	1545.3	1625.5	1651.4	1696.6	1757.7	1817.3	1883.9
55°	1281.1	1296.4	1316.6	1334.3	1359.1	1382.7	1416.9	1447.0	1487.8	1523.7	1567.9
57.5°	1172.7	1182.3	1196.5	1208.1	1224.0	1237.4	1257.5	1273.8	1297.2	1317.6	1344.4
60°	1093.9	1100.3	1109.8	1117.4	1127.6	1134.5	1144.5	1152.2	1164.5	1174.8	1189.8
62.5°	1029.5	1032.8	1039.0	1043.4	1050.0	1053.5	1058.7	1062.1	1068.9	1074.1	1082.5
65°	952.3	953.0	957.1	959.1	964.1	966.0	970.4	971.9	977.5	981.4	988.7
67.5°	888.9	887.2	887.3	885.8	886.5	885.0	885.4	883.9	886.1	887.3	892.9
70°	831.2	828.7	827.9	825.3	824.5	821.7	820.9	818.5	818.2	817.4	819.4
72.5°	774.9	774.2	774.4	772.5	772.3	770.5	770.6	769.4	770.7	771.3	773.8
75°	710.1	710.3	711.5	709.9	710.4	708.8	709.4	707.9	708.7	708.4	710.9
77.5°	631.3	633.1	636.6	635.9	637.0	635.3	636.0	634.0	634.6	633.1	634.2
80°	542.6	546.6	551.2	551.0	552.9	551.7	553.4	551.5	552.3	549.9	549.3
82.5°	437.4	440.7	445.7	445.9	450.2	450.9	455.8	455.6	458.6	456.7	455.3
85°	299.1	301.3	305.6	307.9	312.4	315.1	319.8	321.7	318.3	324.4	319.6
87.5°	156.2	161.9	158.7	166.3	164.5	172.1	170.5	177.6	176.2	182.3	181.5
90°	86.1	88.3	94.6	97.2	104.5	107.7	108.9	105.1	106.1	102.6	103.6
92.5°	91.6	98.3	104.6	111.1	117.4	124.0	118.0	112.0	106.0	100.2	94.1
95°	124.7	134.1	143.5	153.0	162.3	171.7	161.6	151.7	141.6	131.5	121.4
97.5°	146.5	156.6	166.7	176.8	187.0	197.1	185.2	173.2	161.3	149.5	137.5
100°	207.3	226.9	246.4	266.0	285.4	304.9	282.8	260.5	238.4	216.1	193.9
102.5°	418.2	462.9	507.7	552.6	597.3	642.1	595.0	548.0	500.7	453.5	406.3
105°	782.2	853.8	925.5	997.1	1068.7	1140.6	1064.1	987.6	911.1	834.7	758.2
107.5°	1153.5	1223.2	1293.2	1363.1	1433.0	1503.0	1425.5	1347.8	1270.4	1192.6	1115.0
110°	1366.7	1408.6	1450.6	1492.6	1534.5	1576.7	1520.0	1463.5	1406.7	1350.0	1293.4



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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°	1407.3	1428.4	1449.2	1470.4	1491.3	1512.4	1471.8	1431.5	1390.8	1350.3	1309.7
115°	1320.4	1326.9	1333.7	1340.3	1346.9	1353.6	1326.2	1298.9	1271.5	1244.2	1216.7
117.5°	1160.1	1159.0	1157.6	1156.5	1155.1	1153.9	1138.5	1123.1	1107.8	1092.3	1076.9
120°	997.9	992.1	986.4	980.6	974.9	969.0	962.6	955.9	949.3	942.6	935.9
122.5°	856.5	852.7	848.5	844.4	840.3	836.2	833.5	831.0	828.3	825.7	822.8
125°	744.8	744.4	744.1	743.8	743.3	743.0	741.5	740.2	738.6	737.3	735.7
127.5°	668.1	670.4	672.5	674.8	676.8	679.2	678.7	678.1	677.6	677.1	676.6
130°	619.9	624.2	628.2	632.1	636.1	640.3	639.2	638.4	637.5	636.6	635.8
132.5°	590.4	595.1	599.9	604.8	609.3	614.0	612.9	612.0	610.6	609.7	608.4
135°	569.9	574.5	578.9	583.4	587.7	592.2	590.9	589.6	588.0	586.8	585.5
137.5°	555.1	558.8	562.2	565.7	569.2	572.7	571.2	569.9	568.5	567.3	565.8
140°	543.4	546.3	549.0	551.8	554.4	557.2	555.5	553.9	552.2	550.6	548.8
142.5°	534.0	536.0	537.8	540.0	541.8	544.0	541.6	539.5	537.2	535.1	532.9
145°	528.2	529.6	530.8	532.0	533.1	534.5	531.7	529.4	526.7	524.4	521.8
147.5°	519.5	520.3	520.8	521.7	522.1	522.9	520.4	518.1	515.7	513.3	510.9
150°	509.9	510.8	511.3	512.0	512.5	513.2	510.7	508.2	505.6	503.2	500.8
152.5°	498.1	498.8	499.4	499.9	500.5	501.0	498.5	496.4	494.0	491.6	489.3
155°	489.4	489.9	490.1	490.5	490.6	490.9	488.9	487.0	485.1	483.1	481.1
157.5°	483.4	483.8	484.1	484.3	484.5	484.8	483.2	481.8	480.2	478.8	477.3
160°	479.3	479.6	479.9	480.1	480.4	480.4	479.1	478.1	476.8	475.4	474.0
162.5°	477.9	478.5	478.9	479.4	479.8	480.2	478.7	477.3	475.7	474.2	472.7
165°	476.4	476.8	477.1	477.4	477.5	477.7	476.7	475.6	474.5	473.6	472.4
167.5°	477.9	478.3	478.5	478.8	478.9	479.1	478.1	477.1	475.9	474.8	473.7
170°	477.7	478.1	478.6	479.1	479.4	479.7	479.0	478.2	477.3	476.4	475.4
172.5°	480.0	480.4	480.6	481.1	481.3	481.7	480.9	480.0	479.2	478.3	477.3
175°	478.6	478.7	478.9	478.9	478.9	479.0	478.3	477.6	477.0	476.2	475.5
177.5°	479.8	479.8	479.8	479.7	479.7	479.7	479.2	478.8	478.3	477.9	477.3
180°	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4



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**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8
2.5°	26682.4	26670.8	26663.3	26653.8	26648.0	26640.6	26635.2	26630.6	26626.9	26623.5	26620.9
5°	27057.5	26997.9	26951.7	26901.6	26860.4	26819.3	26787.6	26761.4	26743.3	26729.7	26721.8
7.5°	27535.3	27426.1	27329.0	27226.9	27135.2	27045.1	26967.4	26900.5	26850.3	26817.8	26798.0
10°	27961.9	27815.7	27671.2	27519.1	27374.8	27234.8	27105.8	26992.2	26902.3	26842.5	26807.6
12.5°	28153.1	28028.6	27881.0	27715.8	27539.0	27360.1	27185.8	27028.6	26896.6	26808.1	26757.0
15°	27984.7	27933.6	27833.5	27705.2	27537.4	27352.5	27147.9	26955.4	26778.4	26663.6	26597.1
17.5°	27436.8	27508.2	27500.5	27451.5	27330.9	27175.2	26966.6	26750.5	26529.1	26375.7	26291.9
20°	26512.3	26736.6	26850.3	26908.7	26861.4	26760.4	26571.5	26352.3	26094.2	25893.9	25771.6
22.5°	25213.1	25609.0	25855.7	26036.2	26074.6	26040.2	25873.4	25664.8	25377.2	25136.4	24955.9
25°	23540.5	24120.5	24510.5	24816.3	24934.9	24965.6	24823.7	24616.3	24295.6	24015.1	23767.2
27.5°	21570.4	22324.2	22844.9	23255.6	23441.0	23521.4	23390.8	23179.2	22799.8	22465.0	22141.1
30°	19352.6	20246.8	20873.7	21366.3	21592.3	21698.4	21559.7	21323.5	20882.1	20479.2	20071.1
32.5°	16978.7	17957.3	18640.4	19175.3	19399.2	19499.2	19317.7	19052.3	18542.1	18067.5	17591.6
35°	14493.4	15481.1	16169.9	16690.6	16878.4	16938.6	16706.4	16399.7	15834.4	15313.5	14794.7
37.5°	11957.4	12876.4	13502.4	13969.7	14085.8	14096.2	13816.5	13477.8	12883.7	12370.0	11853.5
40°	9443.3	10218.3	10723.9	11097.8	11138.1	11102.1	10798.1	10457.2	9901.4	9441.2	8987.8
42.5°	7075.2	7660.2	8020.8	8277.1	8261.9	8190.9	7912.1	7619.1	7160.5	6809.9	6453.2
45°	5046.4	5432.2	5643.0	5793.0	5744.8	5677.1	5460.1	5254.8	4943.1	4716.7	4476.9
47.5°	3505.8	3966.4	3886.3	4179.5	3926.8	4093.7	3746.2	3554.6	3389.2	3269.0	3133.4
50°	2509.8	2615.4	2666.4	2701.2	2682.7	2657.0	2594.6	2538.8	2463.3	2408.2	2344.0
52.5°	1938.3	1991.1	2019.9	2040.9	2036.8	2027.4	2000.2	1975.3	1940.0	1916.7	1888.5
55°	1641.8	1642.6	1695.7	1672.9	1706.6	1667.2	1682.7	1638.9	1646.1	1608.4	1583.2
57.5°	1364.3	1386.0	1395.6	1405.0	1402.4	1400.8	1390.2	1385.0	1373.0	1369.4	1360.9
60°	1200.1	1211.4	1213.7	1218.1	1214.4	1213.0	1204.8	1201.8	1193.8	1192.4	1186.8
62.5°	1087.5	1093.3	1093.3	1093.3	1088.5	1084.1	1074.9	1070.0	1063.3	1061.8	1058.5
65°	993.6	999.5	1000.5	1001.7	998.3	994.8	986.7	981.6	974.6	971.9	968.1
67.5°	896.5	903.0	905.1	908.3	906.4	905.7	900.1	898.1	893.5	892.4	888.9
70°	820.3	823.0	822.8	822.7	818.4	814.6	808.2	805.2	800.3	799.3	796.2
72.5°	775.0	776.9	775.7	774.1	768.5	762.8	755.3	749.8	743.5	739.6	735.2
75°	711.2	713.8	712.2	711.0	706.1	702.4	696.3	693.3	688.8	687.6	684.5
77.5°	632.9	634.2	631.6	631.3	627.5	625.1	620.5	619.8	616.6	616.6	613.7
80°	545.8	545.1	541.0	540.2	536.4	535.4	531.8	532.0	529.5	530.5	528.5
82.5°	449.1	446.7	441.2	439.6	435.3	434.9	432.5	434.5	432.9	435.3	433.9
85°	321.9	322.5	320.2	320.2	318.8	319.2	319.0	320.6	320.8	322.9	322.8
87.5°	179.4	182.0	181.5	183.8	183.7	186.5	187.3	191.2	191.7	195.3	195.3
90°	100.1	101.4	97.8	99.3	97.7	100.6	99.6	102.4	101.0	103.3	101.0
92.5°	88.2	82.2	76.4	70.3	67.3	64.2	61.5	58.2	55.4	52.3	49.2
95°	111.3	101.2	91.1	81.0	77.6	74.1	70.6	67.2	63.7	60.2	56.8
97.5°	125.6	113.7	101.8	89.9	86.9	83.9	80.8	77.9	74.9	71.9	68.9
100°	171.6	149.4	127.2	104.9	102.4	99.9	97.4	94.8	92.3	89.7	87.2
102.5°	359.2	311.9	264.7	217.4	208.5	199.6	190.6	181.6	172.6	163.8	154.8
105°	681.7	605.1	528.6	452.0	427.7	403.4	379.1	354.7	330.3	306.0	281.7
107.5°	1037.4	959.7	882.0	804.3	759.5	714.5	669.6	624.5	579.7	534.6	489.7
110°	1236.7	1179.9	1123.2	1066.3	1030.3	994.1	957.8	921.6	885.4	849.1	812.9



TEST NUMBER: P1444389  
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**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1269.1	1228.5	1187.9	1147.0	1130.7	1114.2	1097.9	1081.4	1065.0	1048.5	1032.0
115°	1189.2	1161.8	1134.2	1106.6	1100.8	1095.0	1089.2	1083.3	1077.4	1071.5	1065.5
117.5°	1061.5	1046.0	1030.5	1015.0	1015.9	1016.8	1017.6	1018.4	1019.2	1019.9	1020.6
120°	929.2	922.5	915.9	909.1	914.1	918.9	923.7	928.5	933.2	937.9	942.5
122.5°	820.2	817.5	814.9	811.9	817.9	823.7	829.5	835.4	841.0	846.6	852.1
125°	734.4	732.7	731.3	729.6	735.7	741.5	747.5	753.1	759.0	764.4	770.1
127.5°	676.1	675.6	675.0	674.4	678.8	682.8	686.9	690.9	694.9	698.6	702.4
130°	634.8	633.8	632.9	631.9	635.8	639.5	643.2	646.6	650.2	653.4	656.7
132.5°	607.4	606.2	605.2	604.0	606.6	609.2	611.9	614.2	616.6	618.7	620.8
135°	584.2	582.8	581.4	580.0	582.5	584.9	587.3	589.5	591.7	593.5	595.5
137.5°	564.4	563.0	561.6	560.2	562.5	564.6	566.8	568.6	570.4	572.2	573.8
140°	547.3	545.5	544.1	542.2	544.3	546.0	547.9	549.6	551.3	552.7	554.2
142.5°	530.7	528.3	526.4	524.1	525.4	526.7	528.0	529.2	530.5	531.5	532.4
145°	519.3	516.6	514.3	511.6	512.7	513.7	514.8	515.8	516.5	517.2	518.0
147.5°	508.6	506.0	503.5	501.1	502.1	502.7	503.4	503.9	504.7	505.1	505.6
150°	498.2	495.5	492.9	490.4	491.1	491.6	492.2	492.8	493.4	493.7	494.2
152.5°	486.8	484.4	482.0	479.5	480.0	480.4	480.9	481.3	481.8	482.1	482.5
155°	479.0	477.0	474.8	472.8	473.3	473.7	474.1	474.4	474.7	474.9	475.2
157.5°	475.6	473.8	472.4	470.6	470.7	470.8	471.1	470.9	471.0	470.9	470.9
160°	472.8	471.3	470.0	468.5	468.5	468.5	468.8	468.6	468.6	468.4	468.4
162.5°	471.1	469.5	467.8	466.1	466.1	466.3	466.3	466.2	466.3	466.1	466.0
165°	471.4	470.2	469.0	467.7	467.6	467.4	467.3	467.0	466.8	466.4	466.1
167.5°	472.5	471.4	470.1	468.9	469.0	469.2	469.2	469.1	469.2	469.0	469.0
170°	474.5	473.5	472.6	471.6	471.4	471.3	471.1	470.9	470.6	470.4	470.1
172.5°	476.2	475.3	474.3	473.2	473.2	473.1	472.9	472.8	472.6	472.4	472.3
175°	474.7	474.1	473.2	472.5	472.4	472.3	472.2	472.1	471.9	471.8	471.6
177.5°	476.9	476.3	475.7	475.2	475.1	475.1	475.0	474.9	474.9	474.8	474.7
180°	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4	477.4



TEST NUMBER: P1444389  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL36

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	26515.8	26515.8
2.5°	26618.5	26617.1
5°	26717.5	26715.9
7.5°	26792.8	26792.3
10°	26801.6	26806.2
12.5°	26748.2	26751.9
15°	26592.0	26599.3
17.5°	26293.4	26303.0
20°	25779.0	25789.0
22.5°	24946.1	24950.2
25°	23735.1	23718.0
27.5°	22084.2	22054.6
30°	19985.5	19956.8
32.5°	17483.1	17465.3
35°	14666.4	14655.1
37.5°	11700.9	11678.0
40°	8822.0	8755.0
42.5°	6296.9	6179.3
45°	4351.7	4212.3
47.5°	3037.9	2951.7
50°	2302.6	2274.9
52.5°	1876.2	1869.8
55°	1583.1	1580.3
57.5°	1362.9	1361.8
60°	1189.8	1189.5
62.5°	1060.8	1061.3
65°	969.9	970.1
67.5°	889.8	889.2
70°	797.4	796.7
72.5°	733.6	732.6
75°	684.5	683.9
77.5°	614.6	613.5
80°	529.8	528.5
82.5°	435.8	434.3
85°	325.1	325.2
87.5°	198.9	198.8
90°	103.1	100.4
92.5°	46.5	43.7
95°	53.4	49.9
97.5°	66.0	63.0
100°	84.7	82.1
102.5°	145.9	136.9
105°	257.4	233.1
107.5°	444.7	399.8
110°	776.6	740.4



TEST NUMBER: P1444389  
CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL36

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	1015.5	998.9
115°	1059.3	1053.4
117.5°	1021.2	1021.8
120°	946.9	951.5
122.5°	857.4	862.8
125°	775.3	780.8
127.5°	705.9	709.3
130°	659.5	662.6
132.5°	622.8	624.5
135°	597.0	598.6
137.5°	575.1	576.5
140°	555.3	556.5
142.5°	533.3	534.0
145°	518.6	519.1
147.5°	505.6	506.0
150°	494.3	494.6
152.5°	482.5	482.8
155°	475.2	475.4
157.5°	470.6	470.5
160°	468.1	468.0
162.5°	465.8	465.7
165°	465.6	465.1
167.5°	468.8	468.8
170°	469.8	469.6
172.5°	472.0	471.8
175°	471.5	471.4
177.5°	474.7	474.5
180°	477.4	477.4



TEST NUMBER: P1444389  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL36

**CIE UGR TABLE:**

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	15.87	16.89	16.43	17.43	18.02	14.25	15.27	14.81	15.80	16.40
	3H	17.42	18.32	17.99	18.88	19.51	16.68	17.58	17.25	18.14	18.77
	4H	18.21	19.06	18.80	19.62	20.28	17.79	18.64	18.38	19.20	19.86
	6H	18.97	19.75	19.58	20.34	21.00	18.83	19.61	19.44	20.19	20.85
	8H	19.29	20.03	19.91	20.62	21.29	19.27	20.01	19.89	20.60	21.27
	12H	19.53	20.24	20.15	20.83	21.52	19.62	20.32	20.24	20.92	21.61
4H	2H	16.24	17.09	16.84	17.66	18.31	14.95	15.80	15.55	16.37	17.02
	3H	18.11	18.82	18.72	19.43	20.09	17.58	18.28	18.18	18.89	19.56
	4H	19.12	19.75	19.74	20.37	21.07	18.83	19.47	19.45	20.08	20.79
	6H	20.07	20.62	20.72	21.26	21.98	20.01	20.56	20.66	21.20	21.92
	8H	20.46	20.97	21.11	21.61	22.33	20.51	21.02	21.16	21.66	22.39
	12H	20.77	21.22	21.43	21.89	22.61	20.92	21.37	21.59	22.04	22.77
8H	4H	19.49	20.00	20.14	20.64	21.36	19.24	19.76	19.90	20.39	21.12
	6H	20.65	21.06	21.33	21.75	22.48	20.59	21.01	21.28	21.70	22.43
	8H	21.16	21.53	21.85	22.22	22.96	21.20	21.57	21.90	22.26	23.01
	12H	21.58	21.91	22.28	22.59	23.40	21.72	22.05	22.41	22.72	23.54
12H	4H	19.53	19.99	20.20	20.65	21.38	19.30	19.75	19.97	20.42	21.15
	6H	20.76	21.13	21.46	21.82	22.57	20.71	21.08	21.41	21.77	22.52
	8H	21.35	21.67	22.04	22.35	23.16	21.38	21.70	22.07	22.38	23.19

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-1

Test Date: 07/30/2025

Luminaire Tested: EHBR-60-L840-N

Data in this report applies to families of products including EHBR-60-L840-N

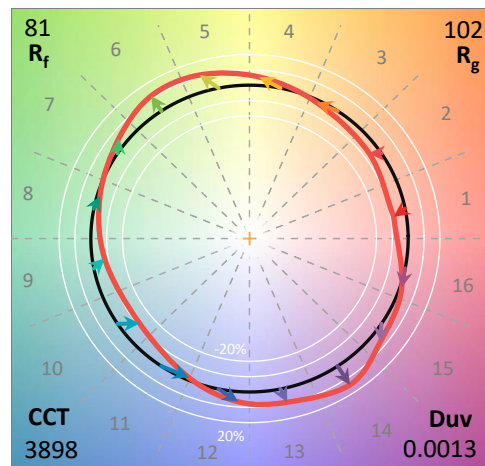
**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2506-472-1  
 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-L840-N**  
 Description: Elevate Round Highbay at, 60000 lumens, 4000K 80CRI LEDs with N lens

**Spectral Parameters**

CCT (K): 3898  
 CIE u': 0.2263  
 CIE v': 0.5052  
 Duv: 0.0013  
 CIE x: 0.3861  
 CIE y: 0.3831  
 CIE z: 0.2308  
 Peak Wavelength (nm): 630  
 Dominant Wavelength (nm): 578  
 Purity: 30.85729  
 Rf: 80.7  
 Rg: 102.1

CRI (Ra):	82.1		
R1:	84.4	R9:	38.5
R2:	83.5	R10:	58.9
R3:	80.8	R11:	83.6
R4:	83.9	R12:	54.2
R5:	82.1	R13:	82.8
R6:	77.3	R14:	88.2
R7:	86.4	R15:	81.2
R8:	78.3		



**Test Conditions**  
 Stabilization Time: 42M  
 Operation Time: 1H 42M  
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2506-472-1

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: SP1-2506-472-1

CIE 1931 Chromaticity Diagram



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



CCT = 3898K  
 CIE x = 0.3861  
 CIE y = 0.3831  
 Duv = 0.0013

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-1

**Photopic Flux vs. Wavelength**



**Photopic Lumens: NR**

$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)
360	0	NR	490	60	NR	620	277	NR	750	6	NR	880	0	NR
365	0	NR	495	87	NR	625	278	NR	755	5	NR	885	0	NR
370	0	NR	500	124	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	168	NR	635	623	NR	765	4	NR	895	0	NR
380	1	NR	510	209	NR	640	162	NR	770	3	NR	900	0	NR
385	1	NR	515	246	NR	645	158	NR	775	3	NR	905	0	NR
390	2	NR	520	273	NR	650	134	NR	780	2	NR	910	0	NR
395	4	NR	525	292	NR	655	109	NR	785	2	NR	915	0	NR
400	5	NR	530	305	NR	660	91	NR	790	2	NR	920	0	NR
405	7	NR	535	313	NR	665	75	NR	795	2	NR	925	0	NR
410	11	NR	540	319	NR	670	70	NR	800	1	NR	930	0	NR
415	21	NR	545	323	NR	675	56	NR	805	1	NR	935	0	NR
420	42	NR	550	326	NR	680	47	NR	810	1	NR	940	0	NR
425	76	NR	555	330	NR	685	41	NR	815	1	NR	945	0	NR
430	125	NR	560	333	NR	690	35	NR	820	1	NR	950	0	NR
435	193	NR	565	336	NR	695	30	NR	825	1	NR	955	0	NR
440	302	NR	570	336	NR	700	26	NR	830	1	NR	960	0	NR
445	432	NR	575	335	NR	705	22	NR	835	1	NR	965	0	NR
450	380	NR	580	332	NR	710	19	NR	840	0	NR	970	0	NR
455	213	NR	585	326	NR	715	16	NR	845	0	NR	975	0	NR
460	147	NR	590	319	NR	720	14	NR	850	0	NR	980	0	NR
465	104	NR	595	307	NR	725	12	NR	855	0	NR	985	0	NR
470	65	NR	600	299	NR	730	10	NR	860	0	NR	990	0	NR
475	50	NR	605	291	NR	735	9	NR	865	0	NR	995	0	NR
480	46	NR	610	317	NR	740	8	NR	870	0	NR	1000	0	NR
485	47	NR	615	336	NR	745	7	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-1

**Scotopic Flux vs. Wavelength**



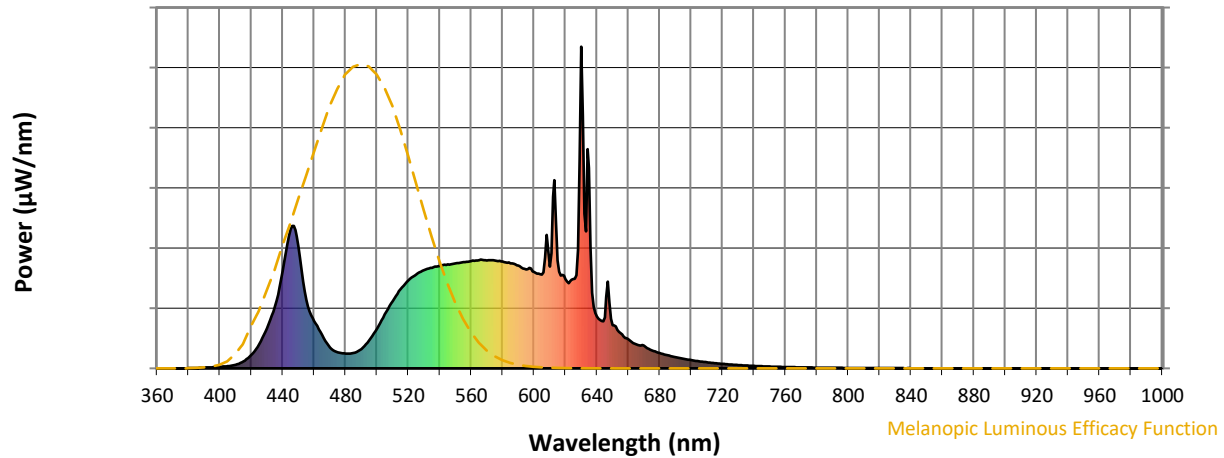
**Scotopic Lumens: NR**

**S/P: 1.55**

λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	60	NR	620	277	NR	750	6	NR	880	0	NR
365	0	NR	495	87	NR	625	278	NR	755	5	NR	885	0	NR
370	0	NR	500	124	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	168	NR	635	623	NR	765	4	NR	895	0	NR
380	1	NR	510	209	NR	640	162	NR	770	3	NR	900	0	NR
385	1	NR	515	246	NR	645	158	NR	775	3	NR	905	0	NR
390	2	NR	520	273	NR	650	134	NR	780	2	NR	910	0	NR
395	4	NR	525	292	NR	655	109	NR	785	2	NR	915	0	NR
400	5	NR	530	305	NR	660	91	NR	790	2	NR	920	0	NR
405	7	NR	535	313	NR	665	75	NR	795	2	NR	925	0	NR
410	11	NR	540	319	NR	670	70	NR	800	1	NR	930	0	NR
415	21	NR	545	323	NR	675	56	NR	805	1	NR	935	0	NR
420	42	NR	550	326	NR	680	47	NR	810	1	NR	940	0	NR
425	76	NR	555	330	NR	685	41	NR	815	1	NR	945	0	NR
430	125	NR	560	333	NR	690	35	NR	820	1	NR	950	0	NR
435	193	NR	565	336	NR	695	30	NR	825	1	NR	955	0	NR
440	302	NR	570	336	NR	700	26	NR	830	1	NR	960	0	NR
445	432	NR	575	335	NR	705	22	NR	835	1	NR	965	0	NR
450	380	NR	580	332	NR	710	19	NR	840	0	NR	970	0	NR
455	213	NR	585	326	NR	715	16	NR	845	0	NR	975	0	NR
460	147	NR	590	319	NR	720	14	NR	850	0	NR	980	0	NR
465	104	NR	595	307	NR	725	12	NR	855	0	NR	985	0	NR
470	65	NR	600	299	NR	730	10	NR	860	0	NR	990	0	NR
475	50	NR	605	291	NR	735	9	NR	865	0	NR	995	0	NR
480	46	NR	610	317	NR	740	8	NR	870	0	NR	1000	0	NR
485	47	NR	615	336	NR	745	7	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.99

λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	60	NR	620	277	NR	750	6	NR	880	0	NR
365	0	NR	495	87	NR	625	278	NR	755	5	NR	885	0	NR
370	0	NR	500	124	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	168	NR	635	623	NR	765	4	NR	895	0	NR
380	1	NR	510	209	NR	640	162	NR	770	3	NR	900	0	NR
385	1	NR	515	246	NR	645	158	NR	775	3	NR	905	0	NR
390	2	NR	520	273	NR	650	134	NR	780	2	NR	910	0	NR
395	4	NR	525	292	NR	655	109	NR	785	2	NR	915	0	NR
400	5	NR	530	305	NR	660	91	NR	790	2	NR	920	0	NR
405	7	NR	535	313	NR	665	75	NR	795	2	NR	925	0	NR
410	11	NR	540	319	NR	670	70	NR	800	1	NR	930	0	NR
415	21	NR	545	323	NR	675	56	NR	805	1	NR	935	0	NR
420	42	NR	550	326	NR	680	47	NR	810	1	NR	940	0	NR
425	76	NR	555	330	NR	685	41	NR	815	1	NR	945	0	NR
430	125	NR	560	333	NR	690	35	NR	820	1	NR	950	0	NR
435	193	NR	565	336	NR	695	30	NR	825	1	NR	955	0	NR
440	302	NR	570	336	NR	700	26	NR	830	1	NR	960	0	NR
445	432	NR	575	335	NR	705	22	NR	835	1	NR	965	0	NR
450	380	NR	580	332	NR	710	19	NR	840	0	NR	970	0	NR
455	213	NR	585	326	NR	715	16	NR	845	0	NR	975	0	NR
460	147	NR	590	319	NR	720	14	NR	850	0	NR	980	0	NR
465	104	NR	595	307	NR	725	12	NR	855	0	NR	985	0	NR
470	65	NR	600	299	NR	730	10	NR	860	0	NR	990	0	NR
475	50	NR	605	291	NR	735	9	NR	865	0	NR	995	0	NR
480	46	NR	610	317	NR	740	8	NR	870	0	NR	1000	0	NR
485	47	NR	615	336	NR	745	7	NR	875	0	NR			

**Summary**

$R_f = 80.7$   
 $R_g = 102.1$   
 CIE  $R_a = 82.1$   
 $R_9 = 38.5$

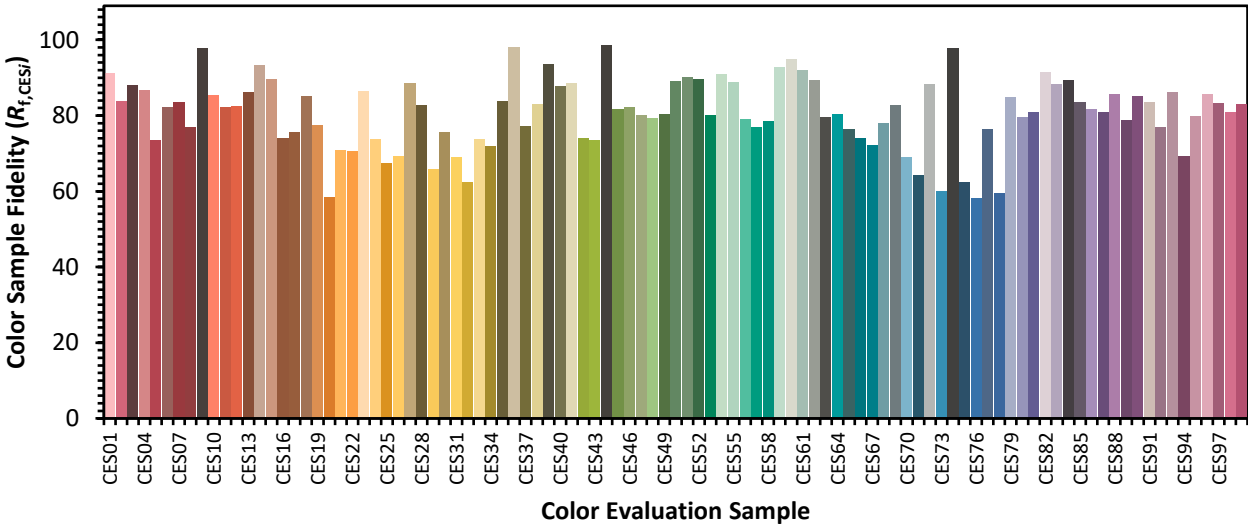


**Color Vector Graphics**



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

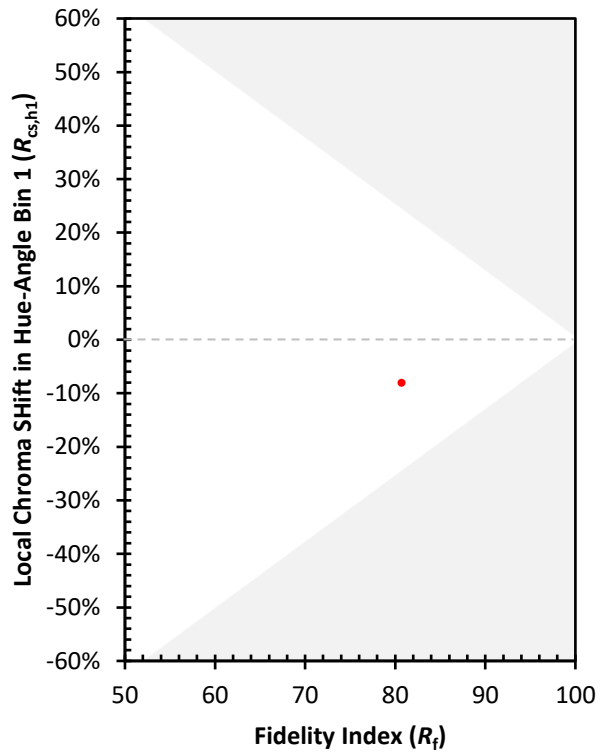
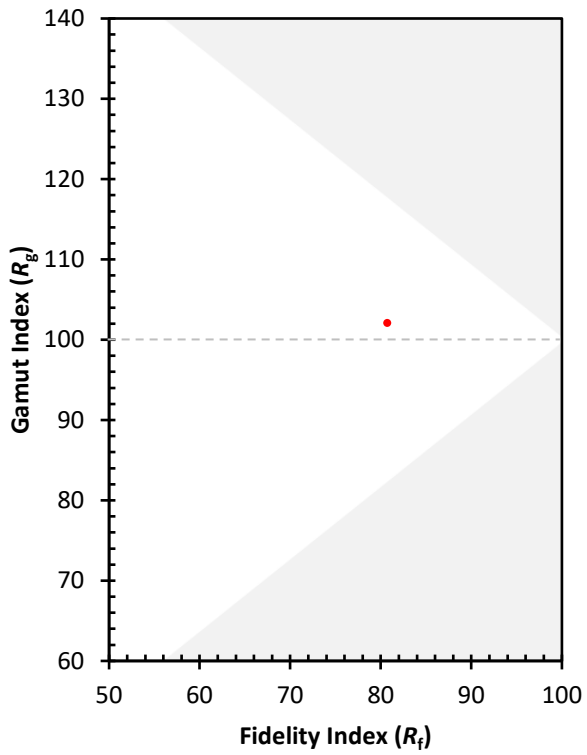
CES01 = 85	CES26 = 69	CES51 = 90	CES76 = 58
CES02 = 61	CES27 = 89	CES52 = 90	CES77 = 76
CES03 = 31	CES28 = 83	CES53 = 80	CES78 = 60
CES04 = 69	CES29 = 66	CES54 = 91	CES79 = 85
CES05 = 48	CES30 = 76	CES55 = 89	CES80 = 79
CES06 = 50	CES31 = 69	CES56 = 79	CES81 = 81
CES07 = 41	CES32 = 62	CES57 = 77	CES82 = 91
CES08 = 40	CES33 = 74	CES58 = 79	CES83 = 88
CES09 = 29	CES34 = 72	CES59 = 93	CES84 = 89
CES10 = 74	CES35 = 84	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 92	CES86 = 82
CES12 = 63	CES37 = 77	CES62 = 89	CES87 = 81
CES13 = 43	CES38 = 83	CES63 = 80	CES88 = 86
CES14 = 74	CES39 = 94	CES64 = 80	CES89 = 79
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 85
CES16 = 47	CES41 = 89	CES66 = 74	CES91 = 83
CES17 = 49	CES42 = 74	CES67 = 72	CES92 = 77
CES18 = 56	CES43 = 73	CES68 = 78	CES93 = 86
CES19 = 71	CES44 = 98	CES69 = 83	CES94 = 69
CES20 = 65	CES45 = 82	CES70 = 69	CES95 = 80
CES21 = 86	CES46 = 82	CES71 = 64	CES96 = 86
CES22 = 78	CES47 = 80	CES72 = 88	CES97 = 83
CES23 = 91	CES48 = 79	CES73 = 60	CES98 = 81
CES24 = 90	CES49 = 80	CES74 = 98	CES99 = 83
CES25 = 71	CES50 = 89	CES75 = 62	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)