

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: P1444396

Luminaire Tested: EHBR1-36-UNV-TA-L840-UPL36

Issue Date: 5/1/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1444396  
REPORT IS A COMBINATION OF REPORTS P1444349 AND P1431635  
Test Lab: INNOVATION CENTER  
Issue Date: 5/1/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: EHBR1-36-UNV-TA-L840-UPL36  
Description: Elevate Round Highbay at, 36000 lumens, 4000K 80CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

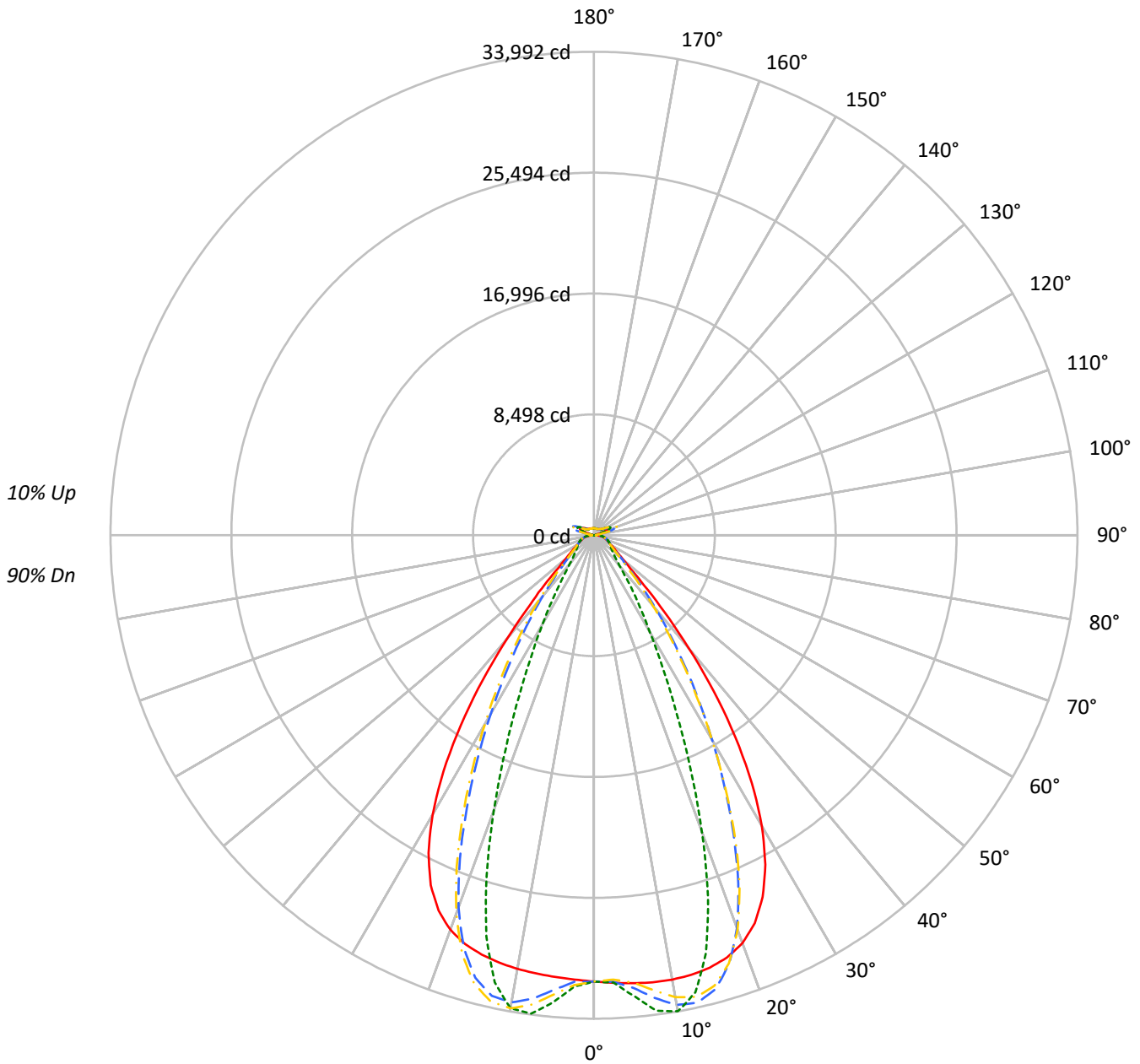
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 40042.2 lumens  
Efficiency: N/A  
Efficacy: 182.2 lumens/watt  
Spacing Criteria (0/90/45): 1.13 / 0.77 / 0.88  
Luminous Opening: Vertical Cylinder (Dia: 1.71' x H: 0.1')  
CIE Type: Direct

Input Watts (W): 219.8  
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: P1444396  
CATALOG NUMBER: EHBR1-36-UNV-TA-L840-UPL36

### 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	117	117	117	117	113	113	113	113	106	106	106	99	99	99	93	93	93	93	93	93	90
1	109	106	103	100	106	103	100	98	97	95	93	92	90	88	87	85	84	84	84	84	82
2	103	97	92	88	99	94	90	86	89	86	83	85	82	79	80	78	76	76	76	76	74
3	96	89	83	78	93	86	81	77	82	78	74	79	75	72	75	72	69	69	69	69	67
4	91	82	75	70	88	80	74	69	76	71	67	73	69	66	70	67	64	64	64	64	62
5	85	76	69	64	83	74	68	63	71	66	62	68	64	60	66	62	59	59	59	59	57
6	80	70	63	58	78	69	62	58	66	61	57	64	59	55	62	57	54	54	54	54	53
7	76	65	59	54	74	64	58	53	62	56	52	60	55	51	58	54	50	50	50	50	49
8	72	61	54	50	70	60	54	49	58	53	49	56	51	48	55	50	47	47	47	47	45
9	68	57	51	46	66	56	50	46	55	49	45	53	48	45	51	47	44	44	44	44	42
10	64	54	47	43	63	53	47	43	51	46	42	50	45	42	49	44	41	41	41	41	40

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

	0°	90°	180°	270°
0°	147350	147350	147350	147350
5°	148063	152381	145991	154377
10°	149299	159988	145719	158930
15°	150032	145028	145464	139189
20°	148481	108041	143621	99964
25°	140543	68330	135898	61997
30°	122774	41061	118019	37526
35°	94488	25766	89053	22824
40°	59772	16163	54686	15188
45°	30808	12592	30297	12385
50°	18062	11200	17509	11026
55°	13838	10596	13326	10501
60°	11709	10824	11210	10684
65°	10997	11303	10576	10919
70°	10744	11837	10209	11391
75°	11487	12553	10867	11997
80°	11888	13899	10780	12688
85°	11196	13413	9049	11484

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 25°  
 Vertical Angle: 45°  
 Luminance: 47147 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	3092.3	7.7
10°-20°	8698.9	21.7
20°-30°	9907.4	24.7
30°-40°	7121.0	17.8
40°-50°	3284.2	8.2
50°-60°	1571.6	3.9
60°-70°	1146.7	2.9
70°-80°	871.2	2.2
80°-90°	402.8	1.0
90°-100°	110.6	0.3
100°-110°	656.9	1.6
110°-120°	1213.9	3.0
120°-130°	737.2	1.8
130°-140°	466.8	1.2
140°-150°	340.6	0.9
150°-160°	233.7	0.6
160°-170°	139.1	0.3
170°-180°	47.2	0.1
0°-30°	21698.6	54.2
0°-40°	28819.6	72.0
0°-60°	33675.4	84.1
0°-90°	36096.2	90.1
90°-120°	1981.5	4.9
90°-150°	3526.0	8.8
90°-180°	3946.0	9.9
0°-180°	40042.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	31377	31377	31377	31377	31377	
5°	31614	32536	31171	32962	31614	3021
15°	31476	30426	30518	29201	31476	8868
25°	28066	13645	27139	12381	28066	12723
35°	17342	4729	16344	4189	17342	10643
45°	4985	2037	4902	2004	4985	4239
55°	1870	1432	1801	1419	1870	1726
65°	1148	1180	1104	1140	1148	1146
75°	809	884	766	845	809	842
85°	385	461	311	395	385	362
90°	114	142	40	47	114	70
95°	51	57	51	57	51	49
105°	235	304	156	305	235	312
115°	1057	1286	1107	1286	1057	975
125°	787	833	892	834	787	717
135°	608	546	656	550	608	475
145°	532	522	567	527	532	336
155°	491	495	524	499	491	228
165°	483	485	502	487	483	137
175°	491	496	501	498	491	47
180°	498	498	498	498	498	



TEST NUMBER: P1444396  
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**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2
2.5°	31497.0	31494.4	31494.0	31491.8	31491.2	31491.2	31490.2	31487.6	31485.9	31482.4	31478.3
5°	31613.9	31612.5	31613.3	31613.6	31611.4	31606.4	31598.8	31589.4	31577.5	31566.4	31556.4
7.5°	31704.3	31706.4	31709.2	31708.6	31701.8	31690.3	31674.6	31665.7	31671.0	31688.0	31727.2
10°	31720.7	31734.3	31739.5	31737.9	31724.2	31714.3	31718.1	31751.3	31817.5	31905.8	32026.5
12.5°	31656.5	31673.0	31672.4	31667.0	31653.6	31667.2	31715.3	31814.3	31956.1	32130.2	32334.4
15°	31475.9	31497.2	31491.2	31484.1	31475.3	31519.5	31615.8	31787.6	32006.7	32252.2	32503.5
17.5°	31125.2	31151.1	31138.5	31130.5	31123.0	31206.0	31371.3	31623.0	31898.9	32176.6	32414.7
20°	30517.1	30534.4	30504.5	30490.5	30502.3	30665.0	30908.4	31229.8	31520.7	31783.2	31946.0
22.5°	29524.6	29546.0	29489.9	29483.4	29552.7	29802.6	30110.6	30469.9	30743.1	30951.3	31013.9
25°	28066.3	28087.4	28020.7	28060.6	28178.5	28518.9	28885.7	29270.0	29503.2	29657.3	29614.8
27.5°	26098.0	26117.4	26054.1	26135.5	26321.9	26769.2	27200.8	27617.6	27825.5	27933.6	27796.6
30°	23615.6	23655.8	23581.0	23694.6	23979.2	24559.8	25054.4	25521.8	25729.1	25811.2	25598.2
32.5°	20667.2	20724.4	20641.9	20811.0	21208.1	21905.5	22467.3	22989.7	23218.9	23312.7	23072.1
35°	17342.0	17423.8	17329.3	17583.0	18072.7	18849.3	19471.5	20054.7	20326.1	20459.2	20216.7
37.5°	13818.9	13897.0	13845.8	14184.3	14722.0	15527.0	16162.1	16791.2	17097.7	17297.4	17106.2
40°	10360.0	10431.4	10470.2	10857.2	11363.1	12121.8	12731.8	13354.2	13697.2	13947.7	13829.9
42.5°	7312.1	7384.2	7515.7	7889.3	8311.0	8939.1	9461.6	10020.5	10348.1	10615.4	10570.0
45°	4984.6	5068.1	5233.1	5538.9	5843.9	6294.5	6678.2	7112.8	7380.4	7625.3	7628.2
47.5°	3493.0	3551.7	3699.0	3907.9	4106.7	4670.8	4694.0	4907.6	5087.5	5270.5	5294.2
50°	2691.9	2727.3	2805.4	2921.9	3034.6	3181.0	3315.0	3469.7	3580.5	3680.8	3704.8
52.5°	2212.6	2235.0	2274.8	2337.9	2403.2	2482.8	2554.6	2639.6	2699.9	2753.6	2764.9
55°	1870.0	1888.6	1947.8	1959.8	2034.5	2049.0	2080.9	2132.6	2167.6	2199.8	2207.8
57.5°	1611.5	1625.0	1637.6	1664.4	1687.5	1721.0	1747.9	1785.0	1807.1	1830.3	1832.3
60°	1407.6	1417.3	1426.2	1444.9	1460.5	1483.8	1502.4	1527.6	1543.5	1560.9	1562.9
62.5°	1255.8	1262.8	1268.7	1281.0	1292.2	1310.1	1324.8	1345.9	1360.6	1374.2	1377.2
65°	1147.8	1153.0	1156.8	1166.1	1175.9	1191.1	1204.5	1221.7	1232.5	1242.9	1245.1
67.5°	1052.3	1057.1	1061.2	1069.6	1076.4	1087.7	1096.7	1109.6	1117.8	1126.0	1126.2
70°	942.7	947.2	950.3	958.2	963.7	973.5	980.6	992.3	1000.6	1009.8	1012.1
72.5°	866.9	869.6	873.7	880.9	888.4	898.9	908.5	920.6	930.8	940.3	944.3
75°	809.2	812.3	815.1	821.2	826.5	835.3	842.5	853.5	862.4	872.6	877.6
77.5°	726.0	729.6	731.9	738.1	742.6	751.1	756.4	766.3	773.5	782.9	787.4
80°	625.4	628.8	630.4	636.2	639.8	647.6	652.8	662.4	668.5	677.7	683.2
82.5°	513.9	517.1	518.0	523.6	525.5	531.9	535.8	545.5	552.9	565.0	573.4
85°	384.8	385.9	387.9	386.4	394.2	394.7	403.5	405.1	416.8	419.8	433.1
87.5°	235.3	238.7	240.4	245.8	248.1	253.5	255.2	260.8	264.0	270.5	273.5
90°	113.9	120.3	123.0	130.5	133.1	139.6	141.9	149.3	152.1	159.5	164.0
92.5°	44.5	47.5	50.3	53.7	56.6	60.3	63.7	66.9	69.9	73.6	79.6
95°	50.8	54.2	57.6	61.0	64.5	68.0	71.4	74.9	78.3	81.7	91.7
97.5°	63.9	66.9	69.8	72.8	75.8	78.8	81.7	84.8	87.7	90.6	102.5
100°	83.2	85.8	88.3	90.8	93.3	95.9	98.4	100.9	103.4	105.9	128.0
102.5°	138.2	147.2	156.1	165.1	174.0	182.8	191.8	200.7	209.6	218.5	265.5
105°	234.6	258.8	283.2	307.4	331.8	356.1	380.4	404.4	428.7	452.9	529.5
107.5°	401.6	446.4	491.4	536.3	581.3	626.1	671.1	715.9	760.7	805.4	883.1
110°	742.5	778.5	814.8	850.9	887.0	923.3	959.5	995.3	1031.5	1067.5	1124.3



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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°	1001.5	1017.9	1034.2	1050.7	1067.0	1083.2	1099.5	1115.9	1132.2	1148.3	1189.0
115°	1056.6	1062.4	1068.2	1073.8	1079.6	1085.3	1091.0	1096.7	1102.3	1107.9	1135.3
117.5°	1025.6	1024.6	1023.7	1022.8	1021.7	1020.6	1019.6	1018.5	1017.4	1016.2	1031.7
120°	956.1	951.1	946.2	941.1	936.0	931.0	926.0	920.8	915.7	910.4	917.1
122.5°	868.1	862.3	856.4	850.3	844.3	838.2	832.1	825.8	819.7	813.6	816.2
125°	786.9	780.9	775.1	768.9	762.7	756.4	750.4	744.0	737.9	731.3	732.7
127.5°	716.4	712.3	708.1	703.6	699.2	694.8	690.2	685.6	681.2	676.4	676.8
130°	670.7	666.9	663.1	659.2	655.2	651.1	647.0	642.7	638.7	634.4	635.1
132.5°	633.3	630.9	628.2	625.4	622.5	619.2	616.3	613.1	609.9	606.9	607.7
135°	608.4	606.0	603.7	601.0	598.3	595.3	592.5	589.4	586.5	583.4	584.5
137.5°	587.3	585.1	582.9	580.4	578.0	575.1	572.6	569.8	567.1	564.1	565.1
140°	568.1	566.0	564.0	561.7	559.5	557.2	554.5	552.0	549.5	546.8	548.2
142.5°	546.4	544.8	543.2	541.4	539.7	537.5	535.6	533.4	531.4	529.2	531.0
145°	532.2	530.9	529.6	528.1	526.5	524.7	523.1	521.0	519.4	517.6	519.5
147.5°	519.7	518.6	517.8	516.4	515.4	513.7	512.4	510.7	509.3	507.8	509.7
150°	508.9	507.9	507.0	505.8	504.6	503.2	501.9	500.5	499.2	497.5	499.5
152.5°	497.5	496.4	495.6	494.4	493.4	491.8	490.8	489.3	488.1	486.6	488.4
155°	490.7	489.7	488.7	487.5	486.4	485.1	483.9	482.6	481.5	480.1	481.4
157.5°	486.4	485.5	484.8	483.7	483.0	482.0	481.1	480.0	479.1	478.2	479.2
160°	484.5	483.7	483.0	482.0	481.1	480.1	479.3	478.2	477.5	476.4	477.3
162.5°	482.9	482.0	481.1	480.3	479.5	478.4	477.6	476.8	475.8	474.8	475.9
165°	483.1	482.6	482.0	481.5	480.9	480.3	479.7	479.0	478.5	477.8	478.4
167.5°	487.3	486.6	485.9	485.1	484.4	483.6	482.8	482.1	481.4	480.5	481.2
170°	488.8	488.2	487.9	487.4	487.0	486.5	486.2	485.7	485.2	484.8	485.3
172.5°	491.3	490.9	490.6	490.4	489.9	489.7	489.4	489.0	488.8	488.3	489.1
175°	491.3	490.9	490.8	490.6	490.4	490.1	490.0	489.8	489.8	489.4	489.9
177.5°	494.6	494.4	494.4	494.3	494.3	494.2	494.1	493.9	493.8	493.8	494.1
180°	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5



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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2
2.5°	31475.3	31471.4	31466.2	31459.6	31453.9	31447.3	31431.6	31426.9	31432.2	31435.6	31442.9
5°	31550.0	31552.2	31553.0	31567.4	31579.7	31610.6	31851.9	31947.9	32022.0	32069.1	32140.7
7.5°	31775.5	31848.1	31919.8	32016.4	32099.6	32212.1	32634.4	32814.2	32942.0	33033.9	33147.0
10°	32157.6	32316.1	32464.6	32638.5	32788.1	32959.4	33352.5	33527.7	33638.2	33718.7	33793.8
12.5°	32542.6	32762.2	32960.7	33154.3	33316.3	33464.7	33603.0	33664.3	33669.5	33672.0	33632.2
15°	32743.1	32953.0	33128.0	33256.0	33351.1	33393.3	33155.1	33030.3	32872.5	32742.5	32528.6
17.5°	32616.5	32742.5	32818.0	32810.6	32771.3	32639.6	31965.4	31594.6	31226.4	30894.7	30459.6
20°	32054.0	32044.4	31978.6	31792.5	31568.2	31219.4	30063.5	29396.5	28751.8	28185.4	27498.4
22.5°	31007.6	30842.9	30613.4	30212.0	29766.0	29156.5	27500.0	26519.0	25621.3	24828.4	23940.0
25°	29491.3	29152.5	28729.2	28091.9	27398.8	26510.0	24468.2	23248.1	22170.4	21235.6	20210.7
27.5°	27550.8	27040.5	26420.1	25538.0	24599.1	23460.3	21196.8	19850.2	18693.2	17691.0	16600.2
30°	25253.5	24589.8	23788.6	22693.8	21561.3	20269.7	17973.9	16610.1	15439.0	14408.0	13316.3
32.5°	22657.2	21880.0	20941.0	19712.3	18487.6	17159.6	14942.5	13622.2	12503.5	11511.8	10523.7
35°	19793.8	18960.2	17966.9	16713.7	15496.2	14205.1	12170.8	10980.3	9992.4	9115.8	8317.9
37.5°	16722.2	15903.7	14959.5	13778.4	12649.5	11479.5	9724.1	8726.6	7897.6	7170.1	6554.0
40°	13528.6	12812.3	11995.4	10974.3	10010.8	9036.5	7595.6	6803.8	6149.6	5594.6	5132.9
42.5°	10374.0	9819.0	9192.5	8385.6	7648.3	6906.4	5797.4	5210.7	4726.2	4326.7	4000.3
45°	7526.7	7155.4	6735.3	6174.3	5664.1	5146.6	4357.3	3945.1	3629.5	3371.9	3154.0
47.5°	5261.5	5046.2	5033.0	4514.7	4140.5	3824.1	3315.6	3055.3	2861.8	2705.7	2567.9
50°	3695.1	3590.8	3461.4	3276.4	3102.8	2923.9	2614.1	2456.7	2343.4	2248.9	2161.7
52.5°	2762.3	2708.3	2639.2	2541.1	2447.0	2346.4	2150.4	2050.2	2014.6	1926.5	1857.5
55°	2206.3	2175.3	2136.1	2078.4	2021.2	1998.3	1830.2	1755.9	1708.7	1673.9	1636.9
57.5°	1832.6	1809.5	1786.3	1747.2	1714.1	1673.9	1584.7	1546.6	1518.6	1498.2	1472.4
60°	1563.2	1549.4	1536.4	1513.5	1495.5	1473.9	1417.3	1395.7	1381.1	1368.8	1352.5
62.5°	1379.7	1372.6	1365.9	1353.7	1344.6	1332.9	1294.1	1283.9	1276.5	1270.3	1260.3
65°	1247.3	1242.2	1238.4	1230.3	1225.8	1219.0	1185.7	1178.7	1174.2	1172.0	1166.1
67.5°	1127.0	1121.6	1119.2	1113.3	1111.5	1107.2	1079.9	1076.1	1074.6	1075.3	1073.2
70°	1014.3	1012.1	1013.3	1012.4	1015.0	1015.8	999.2	999.1	1000.9	1004.4	1004.8
72.5°	946.9	946.9	948.2	948.8	951.2	952.4	938.7	938.0	938.8	941.4	941.5
75°	882.8	883.8	887.3	888.4	891.4	892.0	873.8	871.7	871.8	874.3	873.4
77.5°	793.9	797.7	804.4	807.8	813.5	814.5	794.1	791.7	791.8	794.3	792.2
80°	693.1	700.4	710.9	718.3	726.9	730.4	709.4	704.5	699.8	699.1	694.9
82.5°	585.9	594.9	607.6	614.3	623.5	625.5	590.5	583.9	580.0	580.3	576.4
85°	447.4	454.2	465.7	469.3	475.0	474.5	434.6	417.4	422.0	414.9	420.5
87.5°	280.6	284.5	291.8	292.7	295.3	294.8	254.6	246.6	244.3	244.5	241.6
90°	172.7	177.7	186.2	188.6	195.0	196.8	166.4	165.0	160.1	159.7	153.7
92.5°	86.1	92.0	98.3	104.3	110.7	116.8	119.3	124.3	118.3	111.6	105.6
95°	101.8	111.9	122.0	132.1	142.2	152.3	162.3	172.4	163.1	153.6	144.1
97.5°	114.4	126.3	138.1	150.1	162.0	174.0	185.9	197.8	187.7	177.3	167.2
100°	150.3	172.5	194.7	216.9	239.1	261.3	283.6	305.8	286.4	266.6	247.0
102.5°	312.6	359.9	407.0	454.2	501.3	548.6	595.9	643.1	598.3	553.3	508.4
105°	606.0	682.5	759.0	835.1	911.6	988.1	1064.9	1141.4	1069.7	998.1	926.5
107.5°	960.7	1038.3	1115.7	1193.1	1270.8	1348.3	1426.4	1504.0	1434.1	1364.0	1294.1
110°	1180.8	1237.4	1294.1	1350.5	1407.2	1463.8	1521.1	1577.8	1535.7	1493.7	1451.7



TEST NUMBER: P1444396  
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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°	1229.3	1269.9	1310.3	1350.7	1391.0	1431.6	1473.0	1513.8	1492.6	1471.4	1450.5
115°	1162.6	1190.0	1217.3	1244.5	1271.7	1299.0	1327.5	1355.2	1348.4	1341.6	1334.9
117.5°	1046.9	1062.1	1077.4	1092.7	1107.9	1123.0	1140.1	1155.5	1156.6	1157.8	1159.2
120°	923.5	930.1	936.6	943.0	949.4	955.7	964.2	971.0	976.7	982.3	988.0
122.5°	818.7	821.1	823.5	826.1	828.5	830.8	835.6	838.5	842.4	846.3	850.4
125°	733.9	735.3	736.5	737.8	738.8	740.1	743.9	745.7	746.0	746.2	746.5
127.5°	677.1	677.4	677.6	677.9	678.0	678.4	681.4	682.2	679.8	677.5	675.1
130°	635.7	636.4	637.0	637.6	638.2	638.9	642.5	643.8	639.7	635.4	631.2
132.5°	608.4	609.3	610.0	611.2	611.9	612.7	616.7	618.2	613.5	608.5	603.7
135°	585.5	586.5	587.6	588.7	589.7	590.9	595.4	597.2	592.8	587.8	583.3
137.5°	566.1	567.2	568.3	569.5	570.6	571.6	576.6	578.6	575.0	571.0	567.5
140°	549.4	550.7	552.0	553.4	554.7	556.4	561.6	563.9	561.2	558.2	555.3
142.5°	532.6	534.6	536.4	538.4	540.2	542.3	548.6	551.4	549.3	547.1	545.0
145°	521.5	523.8	525.8	528.1	530.2	532.7	539.5	542.9	541.6	540.1	538.8
147.5°	511.3	513.4	515.3	517.3	519.3	521.9	529.0	532.1	531.5	530.6	529.7
150°	501.3	503.4	505.3	507.4	509.7	512.1	520.0	523.6	522.9	522.3	521.4
152.5°	490.1	491.9	493.7	495.6	497.5	499.8	509.0	512.7	512.2	511.3	510.7
155°	482.8	484.1	485.5	487.1	488.7	490.4	500.3	503.6	503.3	502.9	502.5
157.5°	480.1	481.0	481.9	482.9	484.1	485.2	495.2	498.6	498.2	497.8	497.5
160°	478.0	478.8	479.4	480.3	481.0	482.0	492.1	495.3	495.0	494.6	494.2
162.5°	476.9	478.1	479.0	480.0	481.0	482.2	492.6	496.1	495.5	494.9	494.3
165°	479.0	479.6	480.1	480.9	481.5	482.2	491.8	494.6	494.4	494.0	493.6
167.5°	481.8	482.5	483.2	483.9	484.6	485.5	494.5	497.3	497.0	496.6	496.3
170°	485.8	486.4	486.9	487.6	488.4	489.2	496.6	498.8	498.5	497.9	497.3
172.5°	489.7	490.5	491.1	491.9	492.6	493.4	499.8	501.9	501.6	501.2	500.5
175°	490.5	490.9	491.5	492.2	492.7	493.2	498.2	499.9	499.8	499.6	499.3
177.5°	494.5	494.9	495.3	495.8	496.2	496.7	499.8	500.8	500.7	500.7	500.6
180°	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5



TEST NUMBER: P1444396  
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**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2
2.5°	31444.5	31455.5	31457.2	31470.0	31469.0	31484.3	31481.9	31494.4	31487.2	31497.4	31488.8
5°	32183.0	32250.0	32285.0	32350.4	32371.0	32429.6	32446.0	32499.4	32501.6	32544.0	32534.3
7.5°	33227.2	33325.9	33384.5	33465.3	33506.3	33573.6	33603.2	33653.0	33669.0	33708.6	33711.6
10°	33850.6	33898.6	33932.1	33954.7	33975.2	33984.8	33996.1	33993.1	33996.1	33991.7	34001.4
12.5°	33605.5	33535.4	33489.1	33401.4	33350.7	33253.8	33206.2	33113.1	33079.3	32999.2	32987.7
15°	32363.4	32119.4	31947.1	31696.3	31538.8	31292.1	31147.8	30925.3	30823.7	30646.9	30600.4
17.5°	30099.5	29646.6	29296.2	28846.6	28534.6	28114.5	27850.2	27502.4	27311.9	27031.5	26934.3
20°	26925.7	26255.6	25729.9	25103.6	24655.5	24097.0	23739.7	23288.7	23027.0	22682.5	22542.9
22.5°	23199.4	22365.2	21708.6	20968.8	20428.1	19805.9	19377.5	18889.7	18605.0	18230.7	18065.0
25°	19358.9	18438.9	17709.0	16929.5	16358.1	15734.3	15306.0	14826.8	14532.1	14176.9	14012.2
27.5°	15685.6	14754.4	14049.0	13324.3	12800.2	12237.4	11850.8	11432.5	11170.9	10867.6	10712.8
30°	12444.1	11622.8	11022.5	10421.1	9985.2	9528.0	9206.8	8860.0	8630.6	8371.0	8223.3
32.5°	9803.2	9169.2	8699.1	8221.8	7865.1	7483.0	7205.5	6899.5	6692.5	6460.6	6326.9
35°	7764.1	7271.4	6896.4	6503.6	6197.1	5871.7	5627.2	5363.0	5177.3	4977.6	4862.2
37.5°	6134.4	5742.6	5434.1	5107.8	4856.0	4586.5	4495.7	4192.6	4000.1	3840.8	3730.4
40°	4814.3	4502.8	4247.5	3998.0	3792.6	3588.2	3424.0	3262.2	3137.9	3024.0	2945.1
42.5°	3759.5	3533.8	3347.5	3164.6	3014.9	2865.9	2747.1	2635.5	2551.8	2477.3	2426.4
45°	2988.7	2833.5	2703.9	2575.2	2469.5	2370.0	2290.0	2218.9	2164.8	2120.0	2088.3
47.5°	2455.3	2349.1	2257.6	2170.8	2099.0	2033.8	1980.3	1962.8	1904.7	1865.4	1850.6
50°	2086.6	2022.4	1953.0	1888.9	1841.0	1793.4	1758.6	1724.6	1702.8	1684.7	1679.3
52.5°	1811.6	1762.4	1723.9	1683.2	1651.6	1617.6	1593.7	1571.0	1559.1	1549.6	1548.5
55°	1606.9	1572.6	1547.1	1519.9	1500.9	1481.0	1468.6	1456.6	1451.3	1446.6	1447.0
57.5°	1452.2	1429.2	1412.7	1394.9	1384.8	1375.2	1372.0	1369.0	1370.7	1371.3	1374.1
60°	1339.4	1324.5	1314.0	1303.9	1299.6	1296.6	1298.9	1301.6	1307.1	1311.5	1315.4
62.5°	1253.0	1244.5	1239.4	1233.9	1233.5	1233.7	1238.3	1242.9	1249.7	1254.9	1258.7
65°	1164.1	1159.1	1157.5	1154.0	1155.8	1156.8	1162.4	1165.9	1172.8	1176.8	1181.7
67.5°	1074.2	1073.0	1074.1	1074.1	1077.2	1079.8	1085.2	1089.1	1095.0	1098.7	1102.6
70°	1007.8	1008.2	1010.6	1011.1	1014.4	1016.4	1021.0	1023.5	1028.8	1031.9	1036.7
72.5°	943.2	942.2	942.7	941.2	942.4	941.9	944.5	945.7	950.2	952.6	958.4
75°	874.5	871.6	870.9	867.7	867.8	865.6	866.7	866.5	869.5	870.7	874.8
77.5°	791.5	786.6	784.2	779.0	778.8	776.9	779.0	780.3	785.4	787.8	792.6
80°	692.2	684.5	681.0	674.9	675.9	675.6	680.8	684.6	690.9	692.1	698.0
82.5°	575.2	567.5	563.7	557.9	559.2	559.4	564.0	564.8	570.3	572.6	579.6
85°	411.9	414.9	406.6	407.2	405.5	408.7	411.9	415.8	420.3	427.9	433.8
87.5°	242.6	241.6	244.5	244.8	249.0	251.1	257.9	261.7	269.3	275.3	286.0
90°	151.9	146.0	146.3	142.9	145.0	141.8	143.8	140.5	143.4	142.2	146.5
92.5°	98.8	92.7	86.0	79.8	73.2	67.2	63.7	61.1	57.7	55.3	51.8
95°	134.7	125.3	115.9	106.4	97.1	87.7	84.3	80.8	77.4	74.0	70.4
97.5°	157.1	147.0	136.9	126.7	116.6	106.6	104.2	102.0	99.7	97.4	95.1
100°	227.4	208.0	188.5	168.8	149.3	129.9	128.0	126.2	124.4	122.6	120.7
102.5°	463.7	418.9	374.2	329.3	284.6	239.8	232.1	224.3	216.4	208.7	200.9
105°	854.6	783.0	711.3	639.7	568.2	496.5	475.2	453.5	432.3	410.9	389.6
107.5°	1224.2	1154.3	1084.5	1014.7	944.8	875.0	841.2	807.5	773.5	739.8	706.0
110°	1409.5	1367.6	1325.7	1283.5	1241.8	1199.9	1167.6	1135.5	1103.0	1070.9	1038.8



TEST NUMBER: P1444396  
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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°	1429.5	1408.5	1387.4	1366.5	1345.7	1324.6	1308.9	1293.2	1277.5	1261.9	1245.9
115°	1328.1	1321.5	1314.7	1308.3	1301.7	1295.1	1293.9	1292.8	1291.6	1290.6	1289.6
117.5°	1160.4	1161.6	1162.7	1164.1	1165.5	1166.8	1175.2	1183.5	1191.9	1200.5	1209.2
120°	993.7	999.3	1005.0	1010.9	1016.6	1022.4	1033.5	1044.9	1056.1	1067.7	1079.1
122.5°	854.3	858.3	862.1	866.2	870.2	874.3	885.4	896.6	907.7	919.1	930.5
125°	746.5	746.7	746.9	747.0	747.3	747.7	756.7	765.8	775.1	784.7	793.9
127.5°	672.6	670.2	667.8	665.3	662.9	660.7	665.9	671.5	676.8	682.4	688.0
130°	626.9	622.7	618.1	614.1	609.5	605.4	607.5	609.5	611.8	614.0	616.4
132.5°	598.5	593.7	588.5	583.5	578.5	573.5	573.3	573.3	573.2	573.4	573.7
135°	578.6	573.8	569.0	564.2	559.3	554.7	553.4	552.2	551.0	549.9	548.9
137.5°	563.7	559.9	556.1	552.4	548.3	544.7	542.6	541.1	539.4	538.1	536.5
140°	552.0	549.2	546.0	542.9	539.8	537.0	535.3	534.1	532.6	531.4	530.1
142.5°	542.5	540.3	538.1	535.9	533.7	531.4	529.8	528.6	527.2	526.1	524.8
145°	537.3	535.9	534.4	533.0	531.4	530.0	528.7	527.7	526.7	525.8	525.0
147.5°	528.8	527.9	527.0	526.0	525.0	524.1	523.3	522.9	521.9	521.5	520.7
150°	520.4	519.6	518.7	518.0	517.0	516.2	515.7	515.3	514.9	514.8	514.3
152.5°	509.8	509.0	508.2	507.6	506.6	505.8	505.4	505.3	504.9	504.6	504.2
155°	501.9	501.4	500.9	500.4	499.7	499.4	498.7	498.1	497.7	497.2	496.6
157.5°	497.0	496.6	496.0	495.6	494.9	494.5	494.0	493.6	493.0	492.6	492.1
160°	493.8	493.4	492.9	492.4	491.9	491.5	490.7	490.2	489.3	488.7	488.0
162.5°	493.6	493.0	492.4	491.7	490.9	490.3	489.8	489.3	488.8	488.4	487.8
165°	493.1	492.7	492.2	491.8	491.4	491.0	490.2	489.6	488.8	488.2	487.3
167.5°	495.9	495.5	495.1	494.7	494.1	493.7	493.1	492.4	491.7	491.1	490.2
170°	496.9	496.2	495.8	495.0	494.5	493.8	493.3	492.5	491.9	491.4	490.6
172.5°	500.1	499.8	499.3	498.6	498.0	497.5	497.1	496.5	495.9	495.4	494.8
175°	499.2	499.1	499.0	498.5	498.4	498.2	498.0	497.9	497.6	497.5	497.2
177.5°	500.6	500.5	500.5	500.3	500.1	500.1	499.8	499.6	499.2	498.8	498.6
180°	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5



TEST NUMBER: P1444396  
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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°	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2
2.5°	31497.9	31489.8	31493.6	31478.9	31482.4	31464.6	31462.9	31442.9	31440.8	31421.9	31414.8
5°	32564.3	32546.7	32566.5	32535.7	32541.8	32501.6	32498.3	32446.4	32428.5	32363.6	32335.6
7.5°	33736.4	33729.8	33741.9	33716.0	33715.2	33679.4	33664.6	33618.1	33589.3	33521.1	33477.6
10°	33993.1	33999.2	33989.3	33991.7	33977.8	33973.9	33959.6	33950.5	33927.2	33909.6	33883.4
12.5°	32926.9	32933.3	32892.6	32918.4	32898.0	32945.7	32941.7	32997.8	33006.4	33077.3	33104.3
15°	30462.6	30454.9	30377.0	30426.1	30399.8	30504.2	30527.5	30668.1	30743.1	30923.5	31034.3
17.5°	26740.0	26719.9	26610.1	26669.9	26639.5	26793.4	26845.1	27069.8	27209.9	27500.5	27707.5
20°	22302.5	22264.0	22135.4	22205.6	22174.2	22349.0	22422.8	22694.3	22875.0	23260.0	23533.8
22.5°	17809.9	17749.0	17623.1	17688.6	17658.9	17840.1	17936.1	18208.5	18415.5	18810.7	19130.3
25°	13775.5	13721.3	13599.6	13645.4	13634.3	13787.6	13872.9	14130.6	14334.1	14710.5	15015.6
27.5°	10506.9	10450.5	10340.5	10372.9	10361.8	10492.4	10572.8	10788.1	10963.1	11280.0	11547.9
30°	8041.5	7973.5	7880.2	7898.1	7890.5	7996.2	8071.4	8252.7	8402.6	8670.5	8901.3
32.5°	6163.8	6095.5	6009.7	6018.1	6006.8	6089.8	6151.7	6309.4	6440.1	6667.8	6868.8
35°	4716.2	4796.1	4613.0	4729.0	4608.2	4785.5	4721.7	4820.2	4932.7	5124.5	5292.1
37.5°	3625.6	3569.9	3522.8	3517.8	3517.6	3558.6	3607.1	3702.0	3801.1	3944.0	4091.7
40°	2873.1	2834.1	2803.6	2801.4	2803.6	2832.8	2868.6	2934.2	3006.7	3109.4	3217.9
42.5°	2383.0	2357.0	2338.7	2337.3	2343.2	2363.9	2388.8	2427.8	2475.0	2541.5	2615.9
45°	2062.5	2048.1	2037.8	2037.3	2039.9	2050.7	2065.0	2089.3	2119.2	2160.8	2207.8
47.5°	1837.6	1834.1	1827.7	1827.9	1825.0	1829.4	1831.0	1844.7	1860.6	1891.9	1953.4
50°	1673.8	1673.8	1669.4	1669.2	1665.1	1664.7	1661.3	1666.7	1674.0	1693.5	1713.2
52.5°	1544.4	1544.0	1539.2	1538.2	1533.8	1533.6	1530.6	1532.7	1533.7	1543.5	1555.3
55°	1443.3	1440.2	1433.9	1432.0	1430.3	1432.8	1431.6	1431.8	1430.5	1434.5	1438.0
57.5°	1370.7	1366.7	1360.8	1359.0	1358.6	1361.6	1361.7	1360.6	1355.2	1351.5	1346.3
60°	1313.2	1309.3	1302.9	1301.2	1302.2	1306.4	1306.2	1302.6	1294.5	1287.4	1279.2
62.5°	1256.8	1255.2	1252.0	1251.5	1250.7	1251.4	1248.4	1244.7	1236.7	1229.2	1220.2
65°	1181.1	1181.9	1179.5	1179.8	1176.9	1176.5	1172.1	1168.4	1160.4	1153.5	1144.3
67.5°	1102.5	1103.1	1101.1	1101.1	1099.6	1099.8	1097.2	1093.8	1086.9	1081.3	1074.3
70°	1037.8	1039.4	1038.3	1038.6	1036.7	1036.0	1031.8	1028.6	1021.5	1016.8	1010.4
72.5°	960.2	963.7	963.6	964.4	961.6	960.2	955.2	951.1	944.7	941.0	935.8
75°	876.4	881.0	882.3	884.3	880.3	878.2	872.8	869.5	864.2	862.0	858.7
77.5°	794.7	799.7	804.5	808.9	802.5	796.8	789.9	784.7	777.2	774.4	769.2
80°	703.0	711.7	722.3	731.2	719.7	708.1	696.8	688.4	678.6	674.5	668.0
82.5°	583.2	592.3	598.3	604.0	596.0	587.4	576.5	569.2	558.5	554.5	547.0
85°	443.1	454.4	458.0	461.0	455.9	451.3	441.0	427.2	420.5	410.0	404.4
87.5°	291.4	298.2	299.5	300.5	297.4	295.1	288.5	282.0	270.5	262.1	251.8
90°	144.2	146.6	142.1	141.8	139.5	141.9	137.0	136.8	129.3	127.6	121.1
92.5°	49.1	45.7	42.9	39.8	43.4	45.8	49.3	51.8	55.2	57.7	61.1
95°	67.0	63.6	60.1	56.7	59.4	62.3	65.0	67.7	70.5	73.3	76.0
97.5°	92.8	90.5	88.3	86.0	87.6	89.2	90.8	92.4	93.9	95.6	97.3
100°	118.9	117.0	115.2	113.4	113.4	113.4	113.4	113.4	113.4	113.4	113.4
102.5°	193.1	185.3	177.5	169.7	175.0	180.2	185.6	190.8	196.0	201.3	206.7
105°	368.2	346.9	325.5	304.2	324.9	345.5	366.2	386.7	407.4	428.3	449.0
107.5°	672.2	638.5	604.8	571.1	608.8	646.4	684.0	721.6	759.2	796.8	834.7
110°	1006.7	974.5	942.4	910.3	950.2	990.1	1030.0	1069.9	1109.9	1149.9	1190.0



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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°	1230.4	1214.7	1199.2	1183.6	1209.3	1234.9	1260.6	1286.6	1312.3	1338.0	1363.8
115°	1288.6	1287.7	1286.8	1285.9	1298.0	1310.2	1322.3	1334.6	1346.8	1359.0	1371.3
117.5°	1217.6	1226.1	1234.9	1243.6	1247.5	1251.4	1255.4	1259.3	1263.5	1267.5	1271.6
120°	1090.7	1102.0	1113.7	1125.4	1123.8	1122.2	1120.7	1119.1	1118.0	1116.5	1115.2
122.5°	942.0	953.5	965.2	976.8	973.4	970.0	966.6	963.3	960.1	956.9	953.8
125°	803.7	813.2	822.8	832.6	829.2	825.8	822.4	819.3	816.2	813.0	810.1
127.5°	694.0	699.8	705.8	711.8	710.2	708.6	707.3	705.8	704.7	703.6	702.5
130°	618.8	621.4	624.3	627.0	627.4	627.9	628.6	629.4	630.2	631.1	632.2
132.5°	574.2	574.6	575.2	575.8	577.7	579.5	581.7	583.8	586.1	588.3	591.2
135°	548.3	547.5	547.0	546.5	549.2	551.8	554.9	557.9	561.2	564.4	568.0
137.5°	535.3	534.1	533.2	532.0	534.8	537.5	540.5	543.4	546.7	550.0	553.6
140°	529.1	528.0	527.4	526.5	529.2	531.8	534.9	537.8	541.1	544.4	547.8
142.5°	524.0	522.8	522.1	521.4	523.7	526.2	529.0	531.6	534.7	537.5	540.7
145°	524.2	523.4	522.9	522.3	524.0	525.8	527.8	529.9	532.0	534.2	536.7
147.5°	520.2	519.8	519.5	519.2	520.6	521.9	523.4	524.8	526.4	528.1	529.9
150°	514.3	514.0	513.8	513.8	514.6	515.4	516.4	517.2	518.4	519.4	520.8
152.5°	504.2	503.8	504.0	503.9	504.5	505.3	506.2	507.0	508.0	508.9	510.3
155°	496.4	496.0	495.7	495.4	495.6	495.8	496.3	496.5	497.1	497.4	498.0
157.5°	491.8	491.4	491.1	490.7	490.7	490.6	490.7	490.7	491.0	490.8	491.0
160°	487.4	486.5	486.0	485.5	485.7	485.7	486.0	486.0	486.4	486.5	486.9
162.5°	487.3	486.9	486.5	486.1	485.8	485.4	485.2	484.7	484.5	484.2	484.1
165°	486.7	485.9	485.4	484.6	484.6	484.4	484.4	484.2	484.2	484.0	484.2
167.5°	489.7	489.0	488.3	487.6	487.1	486.5	486.1	485.5	485.1	484.6	484.3
170°	490.1	489.5	488.9	488.4	488.2	487.8	487.6	487.3	487.1	487.0	487.0
172.5°	494.4	493.9	493.3	492.9	492.7	492.4	492.3	492.2	492.0	492.0	491.9
175°	497.0	496.8	496.7	496.5	496.2	496.0	495.5	495.3	495.1	494.8	494.5
177.5°	498.2	497.7	497.5	497.3	497.2	497.2	497.2	497.2	497.2	497.1	497.0
180°	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5



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**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2
2.5°	31394.4	31386.2	31364.5	31353.8	31333.7	31323.5	31307.9	31297.7	31285.1	31275.6	31270.7
5°	32264.3	32224.1	32143.7	32094.2	32007.3	31950.1	31863.8	31800.6	31711.5	31645.8	31561.5
7.5°	33396.0	33334.3	33231.3	33153.2	33031.6	32938.8	32802.4	32693.3	32542.6	32417.5	32263.5
10°	33856.7	33820.8	33774.6	33724.3	33656.9	33590.9	33497.8	33402.8	33276.3	33150.5	32986.1
12.5°	33175.7	33209.6	33276.3	33307.5	33358.5	33375.9	33399.2	33388.3	33367.6	33316.3	33241.7
15°	31247.1	31388.4	31611.7	31766.1	31982.6	32134.5	32335.6	32465.0	32614.1	32703.2	32787.9
17.5°	28074.6	28347.9	28741.9	29056.2	29478.1	29821.2	30241.5	30571.9	30953.2	31245.7	31557.2
20°	24011.1	24393.7	24937.6	25399.5	26010.9	26529.4	27193.7	27750.1	28399.2	28940.3	29524.3
22.5°	19637.6	20087.7	20710.9	21268.0	21998.2	22650.3	23482.7	24218.3	25095.8	25882.0	26751.6
25°	15511.7	15952.9	16587.7	17164.6	17952.8	18671.2	19580.5	20424.5	21442.9	22392.4	23482.7
27.5°	11973.5	12365.4	12923.5	13442.7	14164.6	14869.9	15792.7	16692.7	17779.3	18799.8	19974.7
30°	9247.0	9564.9	10012.0	10429.7	11009.3	11586.0	12408.0	13240.4	14321.6	15379.1	16583.6
32.5°	7166.1	7437.1	7810.5	8149.5	8596.1	9031.0	9636.3	10301.5	11249.8	12262.9	13427.5
35°	5547.4	5779.2	6097.0	6389.1	6756.3	7101.5	7553.2	8028.0	8751.8	9603.9	10646.2
37.5°	4422.6	4517.2	4743.9	4983.2	5288.3	5572.0	5925.4	6276.4	6794.2	7466.5	8317.9
40°	3363.4	3513.5	3698.1	3886.6	4117.5	4345.1	4732.7	4919.3	5260.2	5742.8	6403.7
42.5°	2713.8	2819.3	2949.3	3080.4	3241.3	3399.8	3595.9	3795.5	4050.4	4377.2	4847.3
45°	2271.0	2339.8	2423.5	2510.9	2616.5	2724.7	2856.0	2993.1	3165.8	3366.7	3652.3
47.5°	1975.1	2013.2	2067.8	2127.5	2199.9	2274.8	2360.2	2447.5	2554.8	2674.1	2836.6
50°	1744.2	1775.9	1818.4	1858.3	1908.3	1985.0	2018.9	2067.1	2131.7	2201.7	2292.8
52.5°	1577.1	1598.3	1624.9	1647.8	1679.4	1708.1	1745.9	1779.1	1823.8	1865.8	1924.6
55°	1447.0	1454.7	1469.7	1484.5	1506.4	1526.0	1551.8	1573.6	1602.1	1627.3	1664.3
57.5°	1346.5	1347.2	1354.2	1361.8	1375.9	1388.3	1406.0	1420.4	1440.1	1456.2	1478.4
60°	1274.3	1270.4	1271.8	1274.5	1282.4	1290.4	1301.8	1311.1	1323.6	1332.7	1345.1
62.5°	1214.1	1208.1	1206.8	1206.1	1210.0	1212.9	1219.1	1223.6	1230.7	1234.6	1241.3
65°	1138.3	1131.1	1128.4	1125.0	1126.2	1125.3	1127.7	1127.8	1131.4	1132.2	1136.0
67.5°	1069.3	1063.5	1059.9	1055.4	1053.5	1050.3	1049.0	1045.9	1045.4	1042.9	1042.3
70°	1006.6	1000.7	997.7	993.7	991.5	987.4	984.9	979.7	976.7	972.0	969.2
72.5°	933.9	930.6	929.7	927.0	926.3	923.9	922.8	919.3	917.2	913.0	910.7
75°	858.0	855.3	855.0	852.3	852.0	849.3	848.6	844.7	842.7	838.7	837.0
77.5°	767.5	763.5	762.4	759.2	760.0	758.6	759.7	756.7	755.5	751.4	750.2
80°	665.6	660.5	658.4	654.1	655.2	653.3	655.2	655.0	656.6	653.3	652.7
82.5°	545.0	539.3	538.3	535.3	537.3	537.5	541.8	539.4	540.4	537.4	538.6
85°	396.5	392.4	386.5	385.7	382.0	385.8	380.8	384.2	378.8	382.6	377.5
87.5°	245.8	237.2	232.7	226.5	224.2	218.2	215.8	211.5	212.8	210.8	212.0
90°	121.1	115.4	116.7	113.7	116.0	113.7	117.3	116.6	120.7	119.9	124.3
92.5°	63.7	66.7	72.1	78.0	83.2	88.7	94.1	100.0	105.2	111.0	116.2
95°	78.8	81.5	88.9	96.2	103.5	110.9	118.3	125.6	133.0	140.3	147.6
97.5°	98.9	100.5	107.9	115.1	122.5	129.9	137.1	144.8	152.2	159.4	166.8
100°	113.4	113.5	134.4	155.3	176.1	197.1	217.9	238.8	259.9	280.8	301.7
102.5°	212.0	217.2	270.0	322.9	375.5	428.3	481.2	534.1	586.7	639.8	692.7
105°	469.6	490.4	570.9	651.5	731.9	812.5	893.2	974.0	1054.5	1135.1	1215.7
107.5°	872.3	910.0	982.8	1055.6	1128.3	1201.2	1274.2	1347.0	1419.8	1492.7	1565.8
110°	1230.0	1269.9	1318.7	1367.5	1416.4	1465.2	1513.9	1562.7	1611.8	1660.6	1709.8



TEST NUMBER: P1444396  
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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°	1389.5	1415.4	1443.8	1472.3	1500.8	1529.2	1557.8	1586.2	1615.0	1643.6	1672.2
115°	1383.7	1396.2	1407.1	1418.4	1429.2	1440.4	1451.6	1463.0	1474.2	1485.6	1497.0
117.5°	1275.6	1280.0	1281.6	1283.4	1285.2	1287.2	1289.1	1291.1	1293.2	1295.2	1297.1
120°	1113.9	1112.6	1110.8	1109.1	1107.3	1105.7	1104.0	1102.4	1101.0	1099.5	1097.9
122.5°	950.8	947.9	946.0	944.4	942.9	941.4	939.9	938.6	937.2	935.8	934.3
125°	807.1	804.4	806.0	807.7	809.4	811.3	813.1	815.1	816.9	818.9	820.8
127.5°	701.4	700.5	704.8	709.1	713.5	718.0	722.5	727.2	731.5	736.3	740.6
130°	633.5	634.7	640.1	645.8	651.3	657.1	662.8	668.7	674.2	680.0	685.6
132.5°	593.6	596.4	601.6	607.1	612.6	618.1	623.6	629.1	634.7	640.3	645.6
135°	571.5	575.2	580.1	585.0	590.1	595.2	600.2	605.3	610.2	615.3	620.2
137.5°	557.0	560.7	564.7	568.7	572.7	576.8	581.0	585.0	589.0	593.1	597.0
140°	551.3	554.9	557.2	559.7	562.0	564.4	566.7	569.1	571.3	573.8	576.0
142.5°	543.9	547.3	548.6	550.2	551.6	553.5	555.1	556.7	558.0	559.5	560.9
145°	539.0	541.6	541.7	542.1	542.3	542.7	542.8	543.2	543.1	543.4	543.5
147.5°	531.7	533.8	533.4	533.4	533.3	533.0	533.0	532.9	532.4	532.3	532.1
150°	522.0	523.4	522.7	522.4	521.7	521.2	520.4	520.0	519.3	518.9	518.2
152.5°	511.3	512.4	511.5	511.1	510.3	509.5	508.7	508.2	507.4	506.7	506.2
155°	498.3	499.0	498.4	498.1	497.6	497.3	496.8	496.8	496.4	496.1	495.8
157.5°	491.2	491.3	491.1	490.8	490.5	490.4	490.1	490.0	489.9	490.0	490.0
160°	487.0	487.4	487.0	486.7	486.5	486.3	486.0	486.1	486.0	486.2	486.2
162.5°	483.8	483.7	483.3	483.1	482.8	482.8	482.7	482.8	482.6	482.8	482.9
165°	484.3	484.5	483.8	483.6	483.1	482.8	482.4	482.3	482.1	482.1	481.9
167.5°	484.0	483.8	483.8	483.9	483.9	484.1	484.2	484.6	484.8	485.2	485.3
170°	486.9	487.0	486.7	486.6	486.3	486.2	486.2	486.1	486.0	486.0	486.0
172.5°	491.9	491.9	491.4	491.0	490.5	490.2	489.7	489.5	489.0	488.7	488.2
175°	494.2	494.0	493.8	493.5	493.3	493.0	492.7	492.3	492.1	491.8	491.6
177.5°	496.9	496.7	496.5	496.5	496.4	496.3	496.3	496.2	496.2	496.2	496.0
180°	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5



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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°	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2
2.5°	31264.5	31264.1	31261.0	31262.5	31263.1	31265.3	31267.9	31270.7	31271.3	31273.6	31274.0
5°	31498.5	31421.1	31363.9	31301.0	31253.7	31211.1	31182.7	31160.1	31151.5	31153.6	31158.8
7.5°	32132.9	31973.2	31841.5	31691.7	31566.8	31434.6	31324.9	31220.7	31144.8	31088.2	31056.5
10°	32829.1	32634.7	32448.6	32231.8	32026.3	31806.8	31608.0	31408.0	31241.1	31096.2	30989.8
12.5°	33138.1	33000.7	32839.8	32635.2	32415.2	32162.1	31906.4	31632.3	31377.4	31140.8	30949.9
15°	32811.0	32811.2	32752.5	32654.5	32501.6	32299.3	32055.6	31770.0	31469.2	31162.4	30882.0
17.5°	31772.5	31968.4	32077.4	32146.3	32125.2	32050.7	31895.7	31676.2	31395.8	31068.9	30726.9
20°	29989.2	30451.4	30780.9	31077.1	31243.2	31353.6	31342.5	31253.2	31053.5	30775.6	30419.2
22.5°	27491.1	28266.8	28878.8	29449.6	29849.9	30175.5	30330.2	30395.9	30305.4	30111.8	29777.2
25°	24456.9	25511.6	26411.6	27285.0	27940.1	28503.2	28841.6	29080.0	29099.0	28997.8	28699.3
27.5°	21085.5	22330.3	23469.3	24630.1	25551.5	26360.9	26892.1	27280.8	27404.3	27388.0	27117.0
30°	17718.2	19025.1	20280.6	21634.3	22774.3	23808.5	24510.0	25035.7	25238.3	25277.2	25016.4
32.5°	14538.3	15827.0	17079.0	18494.2	19748.8	20933.9	21762.8	22387.3	22622.9	22678.4	22392.4
35°	11652.2	12841.1	14031.1	15402.5	16649.9	17877.3	18750.7	19404.4	19624.4	19661.6	19330.4
37.5°	9149.5	10162.4	11199.3	12429.9	13575.4	14728.1	15557.9	16172.4	16332.6	16322.7	15948.1
40°	7042.2	7829.7	8662.9	9675.9	10628.3	11602.7	12303.4	12811.4	12895.6	12833.3	12439.7
42.5°	5295.3	5864.1	6468.1	7224.3	7931.0	8660.2	9170.1	9547.2	9559.2	9460.6	9107.2
45°	3945.1	4499.9	4753.3	5210.5	5665.6	6150.6	6461.8	6694.8	6658.7	6572.0	6303.4
47.5°	3007.4	3220.7	3446.8	3730.4	3995.5	4545.7	4505.0	4879.1	4609.6	4793.4	4388.9
50°	2388.2	2507.4	2629.3	2779.7	2918.2	3062.1	3152.0	3219.1	3210.3	3181.5	3104.1
52.5°	2031.8	2068.7	2128.7	2214.3	2291.5	2369.3	2420.5	2462.2	2463.0	2451.4	2412.1
55°	1698.1	1744.9	1788.0	1843.9	1939.2	1953.8	2027.3	2012.3	2018.2	1997.8	2018.6
57.5°	1497.2	1524.4	1548.7	1582.0	1609.6	1641.6	1660.6	1678.9	1677.1	1673.1	1653.1
60°	1354.9	1369.8	1383.3	1402.8	1417.8	1436.0	1444.8	1454.1	1451.0	1444.3	1426.5
62.5°	1245.1	1254.5	1262.2	1274.8	1284.0	1295.3	1299.8	1303.7	1299.8	1293.3	1277.7
65°	1136.8	1142.9	1147.7	1157.2	1163.7	1173.4	1177.2	1180.9	1177.3	1172.3	1160.4
67.5°	1039.2	1039.8	1039.3	1043.1	1045.1	1050.9	1052.6	1055.3	1051.1	1046.8	1036.7
70°	965.1	963.6	961.7	963.2	963.6	966.3	966.8	966.3	961.4	953.9	942.8
72.5°	907.2	906.4	905.0	906.2	906.2	908.8	908.0	906.7	900.5	893.4	882.4
75°	832.7	832.1	829.4	829.5	827.2	828.0	825.0	823.2	816.4	810.3	800.5
77.5°	745.7	744.2	740.2	738.7	734.2	732.3	726.7	723.9	716.9	712.1	703.7
80°	648.4	646.9	641.7	638.8	631.8	627.4	619.0	614.3	606.2	601.5	593.3
82.5°	536.0	536.6	531.3	527.7	517.7	510.0	498.8	492.8	484.0	479.4	471.0
85°	381.2	375.8	378.7	378.4	372.1	365.5	356.4	350.0	342.6	338.1	332.3
87.5°	209.1	210.4	208.9	207.6	203.1	199.8	192.7	189.0	183.5	180.8	176.4
90°	115.6	112.3	104.0	100.8	92.7	87.7	78.5	74.3	65.7	63.6	58.5
92.5°	110.1	103.8	98.0	91.4	85.6	79.3	73.2	66.9	60.7	58.4	56.6
95°	138.6	129.9	120.9	112.0	103.0	94.1	85.3	76.4	67.4	65.6	63.8
97.5°	156.4	145.8	135.3	124.8	114.3	103.7	93.3	82.7	72.2	71.1	69.9
100°	277.5	253.3	228.9	204.6	180.5	156.2	132.0	107.7	83.4	82.0	80.7
102.5°	633.8	574.9	516.1	457.3	398.6	339.6	280.8	221.9	163.1	154.6	146.1
105°	1126.6	1037.6	948.8	859.7	770.5	681.4	592.5	503.3	414.2	385.6	357.0
107.5°	1482.0	1398.2	1314.7	1231.0	1147.1	1063.5	979.8	896.0	812.1	761.8	711.4
110°	1643.3	1576.7	1510.5	1444.0	1377.6	1311.1	1244.6	1178.1	1111.6	1068.1	1024.8



TEST NUMBER: P1444396  
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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°	1623.7	1574.8	1526.4	1477.6	1428.9	1380.1	1331.6	1282.6	1233.8	1207.6	1181.2
115°	1467.8	1438.3	1409.2	1379.8	1350.4	1321.1	1291.7	1262.2	1232.7	1218.9	1204.9
117.5°	1282.3	1267.3	1252.5	1237.4	1222.4	1207.3	1192.3	1177.1	1162.1	1157.3	1152.3
120°	1093.7	1089.1	1084.4	1079.8	1075.3	1070.8	1066.0	1061.3	1056.5	1057.1	1057.6
122.5°	936.2	937.9	939.7	941.2	943.1	944.6	946.4	947.9	949.5	953.2	956.8
125°	825.2	829.4	833.8	838.1	842.4	846.7	851.0	855.0	859.4	863.0	866.8
127.5°	745.7	750.3	755.3	760.0	764.9	769.6	774.5	778.9	783.9	787.2	790.8
130°	690.1	694.1	698.3	702.4	706.7	710.8	714.9	719.0	723.3	725.9	728.5
132.5°	649.4	653.1	657.0	660.5	664.4	668.0	671.8	675.5	679.4	681.2	683.3
135°	623.2	625.8	628.7	631.3	634.4	637.0	639.9	642.7	645.7	647.0	648.4
137.5°	599.3	601.6	604.0	606.2	608.5	610.7	613.4	615.6	618.3	618.7	619.7
140°	578.5	580.9	583.3	585.7	588.2	590.7	593.5	596.0	598.8	599.3	600.3
142.5°	562.8	564.6	566.6	568.4	570.5	572.3	574.4	576.7	578.9	579.6	580.3
145°	545.9	548.1	550.4	552.5	554.7	557.2	559.9	562.4	565.0	565.4	565.8
147.5°	534.0	535.8	537.9	539.9	541.9	543.9	546.4	548.5	550.9	551.2	551.6
150°	520.4	522.4	524.5	526.5	528.7	531.0	533.5	535.9	538.7	539.4	540.1
152.5°	508.3	510.6	512.8	515.2	517.7	520.2	522.9	525.5	528.2	528.8	529.6
155°	498.1	500.2	502.7	505.1	507.5	509.8	512.6	515.1	517.7	518.6	519.4
157.5°	492.1	493.9	496.1	498.2	500.4	502.6	505.0	507.2	509.6	510.4	511.1
160°	488.1	489.8	491.8	493.7	495.6	497.6	499.8	501.7	503.8	504.4	505.1
162.5°	484.8	486.5	488.6	490.3	492.4	494.2	496.3	498.1	500.3	500.9	501.6
165°	483.3	484.6	486.1	487.4	489.0	490.3	491.9	493.2	494.8	495.4	496.3
167.5°	486.6	487.5	488.6	489.6	490.9	492.0	493.1	494.2	495.4	496.1	496.9
170°	487.0	488.0	488.9	489.9	491.0	492.0	492.9	493.9	495.2	495.7	496.5
172.5°	488.9	489.3	490.2	490.7	491.4	492.0	492.8	493.4	494.2	495.0	495.6
175°	492.0	492.3	492.6	492.8	493.2	493.5	494.0	494.5	494.8	495.4	495.9
177.5°	496.2	496.4	496.7	496.9	497.3	497.5	497.9	498.1	498.4	499.2	500.0
180°	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5



TEST NUMBER: P1444396  
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**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2
2.5°	31272.9	31272.5	31271.5	31270.1	31268.7	31269.6	31270.9	31274.6	31280.8	31289.9	31301.8
5°	31163.2	31169.5	31173.2	31173.7	31170.3	31168.4	31171.4	31180.0	31197.4	31226.4	31265.7
7.5°	31048.0	31055.9	31068.0	31077.1	31078.8	31076.7	31077.1	31090.6	31122.6	31179.2	31258.6
10°	30925.1	30901.7	30914.0	30936.6	30954.5	30957.8	30960.1	30975.9	31022.7	31108.3	31235.8
12.5°	30811.6	30737.7	30723.3	30743.7	30771.0	30779.6	30777.2	30784.1	30838.9	30952.1	31129.9
15°	30662.3	30523.2	30475.5	30480.8	30514.4	30526.5	30517.6	30504.2	30557.6	30695.8	30926.0
17.5°	30420.6	30196.2	30108.8	30104.9	30144.3	30154.7	30133.1	30091.2	30143.8	30316.3	30602.1
20°	30053.4	29722.0	29557.3	29531.2	29573.9	29561.4	29518.3	29455.0	29524.0	29733.9	30073.6
22.5°	29392.9	28973.1	28691.8	28601.1	28652.2	28618.1	28555.2	28474.4	28566.1	28804.5	29182.9
25°	28313.8	27828.7	27443.6	27227.6	27268.2	27207.2	27138.7	27040.8	27150.2	27423.8	27840.3
27.5°	26727.6	26167.3	25690.0	25332.4	25345.6	25265.6	25186.7	25059.9	25196.5	25520.4	25990.2
30°	24618.4	23970.1	23388.9	22902.8	22859.3	22781.7	22700.9	22534.6	22705.6	23093.3	23642.3
32.5°	21969.6	21249.7	20578.3	19963.7	19847.7	19772.0	19700.0	19508.6	19732.5	20184.4	20815.2
35°	18871.9	18105.1	17377.1	16675.1	16483.0	16407.3	16344.4	16161.1	16440.3	16932.2	17613.5
37.5°	15471.8	14688.5	13965.7	13245.8	12974.4	12871.7	12826.0	12705.9	13028.1	13514.6	14198.6
40°	11981.2	11252.9	10604.8	9969.1	9659.7	9502.6	9478.5	9456.8	9768.2	10190.4	10811.2
42.5°	8715.8	8128.3	7628.5	7142.6	6862.2	6647.7	6647.6	6712.7	6993.2	7309.4	7788.1
45°	6029.1	5634.7	5316.3	4991.6	5078.4	4650.7	4902.0	4773.0	4911.6	5115.5	5426.8
47.5°	4144.4	3929.1	3754.2	3572.8	3440.6	3314.3	3325.4	3406.8	3537.4	3658.3	3820.3
50°	3020.5	2910.9	2821.9	2727.6	2661.8	2606.1	2609.4	2644.6	2713.2	2777.0	2861.7
52.5°	2366.8	2306.4	2257.9	2205.9	2171.4	2143.6	2145.1	2162.3	2199.3	2235.7	2284.4
55°	1950.8	1943.5	1880.6	1833.9	1816.1	1797.4	1800.9	1807.5	1832.8	1854.0	1886.3
57.5°	1634.8	1606.5	1587.7	1563.0	1551.7	1538.7	1541.7	1544.2	1561.0	1575.4	1598.5
60°	1411.6	1391.6	1378.2	1361.4	1354.1	1345.8	1347.6	1349.1	1360.0	1369.3	1386.0
62.5°	1263.4	1245.4	1233.8	1220.9	1215.6	1210.1	1211.4	1211.8	1218.6	1225.4	1238.0
65°	1149.7	1135.4	1125.7	1114.6	1109.2	1103.3	1103.9	1103.9	1109.6	1114.6	1124.0
67.5°	1029.4	1018.7	1012.4	1003.6	999.8	993.9	993.8	991.9	995.7	997.6	1004.1
70°	932.8	922.0	914.1	905.6	900.8	895.7	895.8	895.9	900.2	904.7	912.9
72.5°	873.2	862.9	855.7	848.3	843.9	839.5	838.7	838.2	841.3	843.8	849.3
75°	794.3	786.0	781.8	774.8	771.4	766.3	765.5	763.2	764.7	765.1	769.3
77.5°	698.4	690.7	687.2	680.2	677.2	671.6	671.1	668.6	669.7	668.9	672.0
80°	589.3	582.1	580.3	574.4	573.1	567.9	567.1	563.8	564.8	562.3	563.5
82.5°	467.4	460.8	459.5	454.2	454.2	449.3	449.1	444.4	444.4	440.2	433.8
85°	329.2	324.4	322.5	318.0	316.7	312.9	311.0	306.4	304.8	301.9	301.0
87.5°	173.7	170.7	168.0	166.0	162.1	155.3	154.7	149.9	150.2	146.9	147.1
90°	56.9	52.2	50.8	46.3	44.6	41.3	39.8	40.6	42.0	42.9	44.3
92.5°	54.6	52.5	50.4	48.3	46.3	44.2	42.2	44.2	46.3	48.3	50.4
95°	61.9	60.0	58.2	56.4	54.5	52.7	50.9	52.7	54.5	56.5	58.3
97.5°	68.8	67.6	66.5	65.3	64.2	63.0	61.9	63.1	64.3	65.4	66.6
100°	79.3	77.9	76.6	75.2	73.8	72.4	71.0	72.7	74.1	75.5	76.9
102.5°	137.7	129.3	120.7	112.2	103.7	95.2	86.8	95.2	103.7	112.3	120.8
105°	328.3	299.8	271.0	242.4	213.7	185.1	156.4	185.2	213.8	242.5	271.2
107.5°	661.0	610.8	560.4	510.0	459.5	409.1	358.7	409.3	459.7	510.2	560.6
110°	981.3	937.9	894.5	851.0	807.4	763.9	720.3	764.0	807.6	851.2	894.8



TEST NUMBER: P1444396  
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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°	1154.7	1128.3	1101.9	1075.5	1048.9	1022.5	995.9	1022.7	1049.3	1076.1	1102.5
115°	1191.1	1177.1	1163.3	1149.4	1135.2	1121.2	1107.0	1121.6	1135.8	1150.1	1164.3
117.5°	1147.3	1142.6	1137.5	1132.7	1127.7	1122.7	1117.6	1122.9	1128.3	1133.7	1138.8
120°	1058.0	1058.7	1059.1	1059.6	1060.0	1060.4	1060.6	1060.9	1060.9	1060.9	1060.7
122.5°	960.4	964.0	967.5	971.1	974.5	977.9	981.2	978.3	975.4	972.6	969.3
125°	870.5	874.3	877.9	881.6	885.0	888.6	891.8	889.2	886.3	883.3	880.2
127.5°	794.1	797.4	800.6	804.1	807.1	810.2	813.1	810.9	808.4	805.9	803.1
130°	731.0	733.7	736.0	738.5	740.7	742.9	744.8	743.6	742.0	740.6	738.6
132.5°	685.1	687.2	689.1	691.0	692.5	694.2	695.3	694.9	694.0	693.2	692.0
135°	649.8	651.0	652.3	653.6	654.5	655.5	656.1	656.4	656.1	655.8	655.2
137.5°	620.2	621.1	621.5	622.0	622.4	622.7	622.7	623.5	623.9	624.7	624.7
140°	600.8	601.7	602.2	602.7	603.2	603.6	603.4	604.4	604.8	605.3	605.3
142.5°	581.0	581.7	582.3	582.9	583.1	583.5	583.5	584.3	584.7	585.2	585.4
145°	566.5	566.8	567.1	567.5	567.6	567.6	567.2	568.4	569.1	569.7	570.3
147.5°	552.0	552.5	552.6	552.8	552.9	552.9	552.6	553.6	554.4	555.1	555.7
150°	540.9	541.6	542.2	542.8	543.2	543.6	543.6	544.4	544.7	545.1	545.2
152.5°	530.1	530.8	531.4	531.9	532.2	532.6	532.7	533.3	533.8	534.4	534.6
155°	520.1	520.9	521.7	522.4	522.9	523.5	523.9	524.4	524.7	525.0	525.2
157.5°	511.8	512.6	513.1	513.8	514.3	515.0	515.4	516.0	516.4	516.8	517.1
160°	505.7	506.5	507.0	507.7	508.3	508.8	509.3	509.9	510.4	510.8	511.2
162.5°	502.1	502.8	503.2	503.9	504.4	505.0	505.5	506.0	506.5	507.0	507.3
165°	497.1	497.9	498.6	499.5	500.3	501.1	501.6	502.0	502.2	502.3	502.5
167.5°	497.5	498.3	499.1	499.8	500.4	501.3	501.9	502.2	502.2	502.4	502.5
170°	497.0	497.7	498.4	499.1	499.7	500.5	500.9	501.1	501.1	501.3	501.4
172.5°	496.4	497.2	498.0	498.8	499.7	500.4	501.1	501.1	500.9	500.7	500.4
175°	496.6	497.3	497.9	498.6	499.3	499.9	500.6	500.2	500.2	499.8	499.6
177.5°	500.9	501.8	502.5	503.2	504.0	504.7	505.5	504.8	504.2	503.7	503.0
180°	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5



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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°	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2
2.5°	31318.6	31334.2	31358.2	31379.9	31412.6	31438.4	31477.2	31506.5	31550.3	31578.7	31626.2
5°	31321.3	31382.6	31463.1	31541.8	31636.4	31722.2	31828.8	31919.6	32026.9	32114.3	32223.9
7.5°	31365.6	31483.7	31625.4	31768.1	31929.5	32080.4	32250.6	32404.5	32572.8	32715.2	32870.8
10°	31398.3	31580.5	31789.3	31999.2	32220.3	32425.7	32633.1	32812.3	32979.7	33117.5	33239.3
12.5°	31354.0	31605.0	31872.9	32131.5	32377.3	32589.9	32768.3	32906.1	33001.2	33065.7	33080.9
15°	31203.4	31505.5	31796.7	32054.3	32258.2	32415.5	32497.0	32535.1	32494.2	32426.2	32277.0
17.5°	30922.1	31240.8	31501.1	31704.3	31812.1	31854.7	31787.2	31670.0	31440.6	31186.1	30818.5
20°	30406.3	30703.3	30892.0	31002.9	30974.1	30867.4	30612.8	30303.2	29845.4	29357.5	28713.6
22.5°	29501.7	29761.4	29861.9	29870.1	29694.3	29427.2	28967.9	28436.9	27714.7	26963.8	26040.4
25°	28143.8	28371.3	28387.1	28297.8	27975.8	27543.2	26868.7	26117.6	25136.1	24135.6	22978.4
27.5°	26302.3	26520.4	26467.0	26300.4	25853.4	25274.3	24410.8	23440.5	22230.6	21048.8	19768.7
30°	23987.5	24220.5	24157.9	23944.2	23412.5	22728.1	21712.1	20584.7	19241.4	17979.2	16682.0
32.5°	21217.2	21511.9	21468.6	21265.5	20710.6	19978.3	18875.8	17680.1	16305.7	15061.8	13800.1
35°	18068.3	18426.2	18444.7	18311.9	17796.8	17073.0	15984.3	14827.0	13510.5	12336.9	11171.2
37.5°	14675.8	15090.7	15176.0	15140.1	14713.2	14074.2	13082.3	12044.1	10877.8	9849.4	8852.4
40°	11264.6	11684.5	11830.2	11873.5	11558.5	11063.6	10249.4	9411.4	8460.8	7627.3	6835.7
42.5°	8153.6	8525.9	8666.8	8755.4	8558.7	8228.7	7634.8	7026.3	6329.8	5728.7	5152.4
45°	5662.8	5926.3	6033.3	6122.5	6015.5	5829.3	5454.3	5073.7	4613.9	4221.1	3849.1
47.5°	3959.2	4104.5	4175.1	4218.4	4177.0	4079.8	3875.8	3655.3	3395.7	3166.1	2945.5
50°	2934.7	3012.0	3048.9	3073.9	3043.7	2989.8	2879.3	2759.3	2616.7	2486.7	2359.5
52.5°	2325.6	2369.9	2391.9	2405.4	2388.1	2355.0	2290.7	2219.6	2134.1	2053.7	2011.5
55°	1959.2	1956.9	2007.7	1983.2	2007.7	1952.9	1941.4	1863.1	1792.2	1742.2	1688.2
57.5°	1615.7	1638.7	1648.5	1659.4	1652.3	1642.3	1615.0	1587.0	1549.5	1518.2	1484.8
60°	1398.6	1417.5	1428.2	1439.0	1438.3	1434.6	1418.9	1402.1	1378.7	1360.0	1339.8
62.5°	1249.0	1265.5	1276.0	1286.4	1287.3	1285.8	1273.9	1262.2	1246.2	1234.5	1220.6
65°	1131.4	1142.9	1150.1	1158.3	1157.8	1155.7	1144.8	1135.2	1122.0	1113.9	1103.6
67.5°	1008.2	1017.0	1022.5	1030.3	1031.8	1032.3	1026.4	1021.8	1015.5	1013.1	1009.6
70°	920.6	931.2	940.2	950.1	955.4	957.9	955.4	953.1	949.4	947.8	945.0
72.5°	854.3	863.3	870.3	879.2	884.3	887.8	885.9	884.6	881.4	880.9	879.0
75°	772.0	778.2	782.2	788.9	791.6	795.0	793.5	794.3	793.2	795.8	795.6
77.5°	673.1	677.6	679.5	684.3	684.8	688.8	689.9	694.6	697.9	705.4	709.3
80°	561.7	564.5	564.5	569.6	571.8	578.7	581.9	589.7	593.3	600.0	600.6
82.5°	436.3	433.0	436.3	434.2	440.6	448.3	449.3	456.0	457.5	461.6	458.4
85°	298.3	298.1	295.3	295.8	293.8	294.8	293.6	294.9	293.7	293.8	290.8
87.5°	142.9	144.2	141.1	142.1	139.0	140.5	137.8	139.8	136.7	137.2	132.6
90°	45.4	46.8	47.9	49.4	51.3	55.1	59.1	63.0	67.4	71.0	75.2
92.5°	52.5	54.7	56.7	58.8	60.8	67.0	73.3	79.4	85.8	91.8	98.1
95°	60.1	62.0	63.9	66.0	67.8	76.8	85.7	94.6	103.5	112.5	121.4
97.5°	68.0	69.2	70.3	71.5	72.7	83.2	93.8	104.3	114.9	125.4	135.9
100°	78.3	79.7	81.1	82.5	83.9	108.3	132.6	156.9	181.2	205.3	229.6
102.5°	129.5	137.9	146.4	155.2	163.7	222.6	281.5	340.4	399.1	458.1	516.9
105°	300.0	328.6	357.6	386.2	414.9	504.1	593.3	682.5	771.4	860.6	949.8
107.5°	611.2	661.6	712.2	762.6	813.1	897.0	980.8	1064.6	1148.5	1232.4	1315.9
110°	938.6	981.9	1025.7	1069.3	1112.9	1179.3	1246.1	1312.6	1379.2	1445.7	1512.2



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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°	1129.3	1155.7	1182.3	1208.7	1235.3	1284.2	1333.3	1382.1	1431.0	1479.7	1528.5
115°	1178.4	1192.2	1206.5	1220.5	1234.7	1264.2	1293.7	1323.3	1352.9	1382.2	1411.8
117.5°	1144.0	1149.2	1154.3	1159.1	1164.3	1179.4	1194.8	1209.9	1225.2	1240.5	1255.6
120°	1060.6	1060.3	1060.0	1059.6	1059.3	1064.0	1069.0	1073.8	1078.6	1083.4	1088.0
122.5°	966.2	962.9	959.6	956.2	952.8	951.2	949.9	948.3	946.9	945.2	943.8
125°	876.8	873.5	870.1	866.6	863.0	859.0	854.9	850.8	846.7	842.5	838.4
127.5°	800.4	797.3	794.5	791.3	788.1	783.4	778.8	774.1	769.8	764.8	760.3
130°	736.9	734.7	732.7	730.2	728.1	723.9	720.0	716.0	712.0	707.9	703.9
132.5°	690.7	689.1	687.8	686.0	684.5	680.9	677.5	673.7	670.1	666.4	663.0
135°	654.7	653.9	653.3	652.2	651.3	648.4	646.0	643.1	640.5	637.8	635.2
137.5°	625.0	624.7	624.6	624.3	624.1	621.7	619.7	617.4	615.3	613.1	610.9
140°	605.6	605.4	605.5	605.2	605.0	602.6	600.3	597.8	595.5	593.1	590.8
142.5°	585.5	585.5	585.5	585.2	585.1	583.2	581.6	579.8	578.0	576.0	574.3
145°	570.6	570.9	571.1	571.1	571.5	569.2	567.1	564.7	562.8	560.6	558.5
147.5°	556.3	556.5	556.9	557.1	557.6	555.6	554.0	552.0	550.4	548.5	546.9
150°	545.4	545.5	545.6	545.5	545.5	543.4	541.7	539.8	538.0	536.1	534.4
152.5°	534.8	535.0	535.3	535.4	535.6	533.6	531.6	529.6	527.7	525.5	523.6
155°	525.4	525.5	525.7	525.7	525.7	523.9	522.1	519.9	518.1	516.2	514.4
157.5°	517.3	517.5	517.7	517.9	518.0	516.4	514.8	513.2	511.6	509.9	508.3
160°	511.5	511.8	512.0	512.2	512.4	511.0	509.8	508.2	507.0	505.5	504.0
162.5°	507.7	508.0	508.2	508.4	508.6	507.2	506.1	504.7	503.4	501.8	500.5
165°	502.7	502.7	502.7	502.6	502.6	501.7	501.0	500.1	499.2	497.9	497.0
167.5°	502.6	502.5	502.6	502.4	502.5	501.8	501.4	500.7	500.0	499.3	498.5
170°	501.3	501.4	501.4	501.2	501.2	500.5	500.0	499.4	498.8	497.9	497.2
172.5°	500.2	499.9	499.7	499.5	499.1	498.5	498.2	497.7	497.4	496.9	496.5
175°	499.2	499.0	498.6	498.3	497.9	497.8	497.5	497.5	497.3	497.0	496.8
177.5°	502.6	502.0	501.3	500.7	500.1	499.9	499.9	499.6	499.6	499.4	499.2
180°	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5



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**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2
2.5°	31655.7	31460.1	31434.4	31448.1	31480.7	31492.8	31528.1	31537.7	31573.2	31581.9	31616.0
5°	32308.8	32050.5	32063.3	32125.5	32219.5	32275.6	32368.0	32416.3	32504.6	32544.8	32624.5
7.5°	32997.6	32794.7	32858.0	32962.7	33091.4	33180.4	33291.5	33363.8	33459.4	33518.9	33595.6
10°	33335.7	33280.1	33349.9	33432.3	33505.7	33563.1	33610.2	33647.8	33672.5	33695.7	33705.7
12.5°	33078.5	33164.5	33176.3	33168.4	33119.7	33082.6	32999.2	32942.6	32842.0	32780.7	32661.0
15°	32124.4	32313.6	32208.8	32050.2	31818.1	31624.6	31351.3	31147.8	30863.3	30670.3	30384.6
17.5°	30450.1	30688.9	30415.9	30048.9	29582.0	29182.6	28685.2	28290.4	27795.8	27436.1	26974.6
20°	28093.1	28316.2	27829.3	27220.9	26498.7	25890.8	25174.0	24602.1	23936.0	23440.5	22842.5
22.5°	25158.3	25317.3	24631.3	23811.1	22891.0	22131.6	21274.6	20588.9	19828.8	19262.3	18624.7
25°	21911.5	21954.5	21131.6	20186.7	19161.1	18307.7	17392.7	16671.9	15896.6	15322.5	14696.8
27.5°	18634.6	18571.7	17682.3	16680.4	15601.6	14714.5	13822.2	13146.7	12467.6	11950.5	11411.4
30°	15541.6	15389.3	14465.8	13435.9	12388.8	11593.7	10852.9	10310.4	9770.2	9360.0	8927.2
32.5°	12705.2	12490.3	11591.4	10626.6	9744.2	9130.6	8581.3	8170.8	7734.6	7388.1	7025.0
35°	10192.9	9964.0	9167.7	8349.7	7681.8	7229.6	6797.8	6461.0	6090.6	5798.3	5482.9
37.5°	8036.9	7849.2	7182.2	6538.5	6033.3	5682.9	5329.1	5053.9	4747.7	4619.2	4282.2
40°	6204.4	6073.3	5551.7	5077.2	4697.9	4533.2	4174.1	3917.0	3688.3	3499.7	3317.0
42.5°	4839.6	4793.2	4285.5	3915.5	3648.4	3441.0	3240.8	3078.4	2920.2	2790.2	2667.4
45°	3551.6	3514.8	3289.4	3075.8	2893.8	2748.8	2613.5	2501.8	2398.4	2312.7	2234.8
47.5°	2765.6	2753.8	2624.0	2491.5	2376.9	2283.8	2196.0	2121.8	2053.2	1996.0	1977.3
50°	2249.4	2247.9	2171.7	2089.9	2008.3	1954.4	1898.4	1854.5	1810.4	1776.1	1739.9
52.5°	1911.1	1903.0	1851.5	1801.1	1752.5	1717.2	1681.4	1653.3	1624.2	1603.0	1580.5
55°	1645.4	1654.1	1624.3	1594.2	1563.8	1541.9	1516.7	1498.3	1478.3	1464.9	1451.2
57.5°	1460.7	1472.2	1456.6	1439.5	1421.1	1406.6	1389.3	1376.5	1363.2	1354.6	1346.7
60°	1326.3	1338.9	1332.7	1324.0	1312.6	1304.0	1293.0	1285.9	1277.3	1272.6	1268.1
62.5°	1212.4	1228.2	1225.9	1221.8	1214.5	1209.7	1203.7	1200.5	1194.9	1192.7	1190.6
65°	1098.7	1116.4	1116.1	1114.0	1110.0	1108.6	1104.9	1104.1	1101.2	1102.4	1102.1
67.5°	1009.3	1024.6	1028.0	1030.4	1030.3	1031.2	1030.9	1032.4	1032.4	1034.6	1036.0
70°	944.7	955.4	957.9	960.6	961.3	963.3	963.3	964.6	964.3	966.1	966.3
72.5°	879.4	893.6	896.1	898.2	898.2	900.2	899.1	898.8	896.0	895.4	893.5
75°	798.3	816.4	820.3	822.8	823.2	825.0	822.5	821.0	816.4	814.5	811.2
77.5°	713.6	732.2	735.1	736.0	734.5	734.9	729.7	726.2	720.3	717.8	714.7
80°	603.2	630.7	632.9	631.2	626.9	626.2	621.2	617.9	610.8	608.4	605.7
82.5°	459.0	491.3	495.8	497.8	494.3	495.1	490.4	488.6	482.0	480.9	476.6
85°	289.8	322.1	327.4	326.6	323.2	322.4	319.6	320.5	320.0	321.7	322.6
87.5°	133.2	164.5	172.0	169.5	169.2	167.0	161.9	163.9	166.9	168.8	169.0
90°	79.2	92.6	96.5	93.8	88.1	85.1	79.7	77.1	72.2	69.6	64.8
92.5°	104.2	110.5	116.6	111.1	105.6	100.1	94.6	89.0	83.6	78.0	72.6
95°	130.4	138.9	147.9	140.6	133.2	125.8	118.5	111.2	103.8	96.5	89.2
97.5°	146.4	156.7	167.1	159.7	152.5	145.0	137.6	130.4	123.0	115.5	108.3
100°	254.0	277.8	302.0	281.1	260.1	239.3	218.4	197.5	176.6	155.8	134.8
102.5°	575.7	634.4	693.0	640.1	587.2	534.5	481.7	428.8	376.1	323.1	270.3
105°	1038.8	1127.4	1216.3	1135.4	1054.8	974.3	893.7	813.1	732.4	651.7	571.2
107.5°	1399.7	1482.7	1566.2	1493.3	1420.4	1347.6	1274.5	1201.7	1128.8	1055.8	983.0
110°	1578.7	1644.2	1710.5	1661.3	1612.5	1563.3	1514.5	1465.6	1416.7	1368.0	1319.2



TEST NUMBER: P1444396  
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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°	1577.2	1624.7	1673.0	1644.2	1615.7	1587.0	1558.5	1529.7	1501.4	1472.6	1444.4
115°	1441.1	1468.9	1497.9	1486.4	1475.2	1463.9	1452.5	1441.4	1430.0	1418.8	1407.8
117.5°	1270.6	1283.9	1298.4	1296.2	1294.2	1292.0	1290.1	1288.0	1286.3	1284.3	1282.4
120°	1092.7	1095.4	1099.4	1100.8	1102.4	1103.7	1105.4	1106.9	1108.5	1110.0	1111.7
122.5°	942.2	938.3	935.9	937.4	938.7	939.9	941.4	942.8	944.3	945.7	947.4
125°	834.2	827.4	822.4	820.5	818.7	816.7	814.8	812.9	811.1	809.2	807.5
127.5°	755.5	748.2	742.7	738.2	733.7	729.1	724.7	719.9	715.6	711.0	706.8
130°	699.8	692.8	687.9	682.2	676.7	670.8	665.3	659.5	653.8	648.1	642.5
132.5°	659.3	652.5	648.2	642.7	637.5	631.7	626.5	620.8	615.5	609.7	604.5
135°	632.4	626.4	623.0	617.9	613.3	608.1	603.2	598.1	593.3	588.0	583.4
137.5°	608.6	602.9	600.0	595.9	592.2	588.0	584.3	580.2	576.2	572.0	568.3
140°	588.3	582.2	579.1	576.8	574.8	572.3	570.2	567.9	565.7	563.4	561.2
142.5°	572.5	566.7	564.0	562.6	561.3	559.9	558.8	557.3	555.9	554.1	552.8
145°	556.5	549.8	546.8	546.6	546.7	546.6	546.4	546.4	546.2	546.0	545.8
147.5°	544.9	538.3	535.4	535.8	536.1	536.2	536.7	536.7	537.2	537.3	537.7
150°	532.2	524.7	521.4	522.1	522.6	523.3	524.0	524.6	525.4	526.0	526.6
152.5°	521.5	512.6	508.7	509.4	510.4	510.9	511.7	512.5	513.4	514.2	515.0
155°	512.2	502.6	498.5	498.6	499.0	499.4	499.7	500.2	500.6	501.1	501.6
157.5°	506.4	496.4	492.6	492.4	492.6	492.7	492.7	493.0	493.2	493.4	494.0
160°	502.5	492.6	488.9	488.7	488.9	488.8	488.8	489.0	489.2	489.4	489.8
162.5°	498.8	489.3	485.6	485.3	485.2	485.2	485.3	485.2	485.4	485.6	485.9
165°	495.9	487.5	484.4	484.5	484.7	484.8	485.0	485.3	485.5	485.9	486.3
167.5°	497.7	490.3	487.9	487.4	487.1	486.7	486.7	486.3	486.3	486.0	486.0
170°	496.4	490.6	488.4	488.3	488.5	488.6	488.6	488.7	488.7	488.8	489.0
172.5°	495.9	491.7	490.1	490.4	490.8	491.2	491.6	492.0	492.4	492.9	493.3
175°	496.6	494.0	493.3	493.3	493.6	493.8	494.0	494.3	494.5	494.7	495.2
177.5°	499.0	498.1	497.7	497.7	497.7	497.7	497.7	497.7	497.7	497.8	497.8
180°	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5



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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°	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2
2.5°	31622.4	31659.3	31656.5	31690.9	31689.2	31721.5	31715.1	31743.1	31736.7	31760.7	31746.6
5°	32659.7	32729.7	32752.9	32816.2	32829.3	32885.9	32887.1	32932.1	32926.7	32961.9	32943.1
7.5°	33640.9	33706.4	33737.4	33786.6	33811.2	33851.8	33867.8	33901.3	33909.3	33929.0	33928.4
10°	33723.7	33723.5	33738.8	33732.0	33745.7	33737.7	33754.5	33748.4	33773.2	33766.8	33785.6
12.5°	32609.5	32498.9	32458.5	32359.1	32337.4	32252.2	32258.2	32203.5	32230.0	32196.4	32253.6
15°	30214.7	29958.2	29831.5	29608.4	29538.4	29362.1	29347.8	29230.7	29262.3	29201.1	29290.6
17.5°	26675.9	26272.1	26050.5	25724.8	25595.4	25346.1	25296.1	25145.4	25168.8	25092.8	25201.0
20°	22456.8	21968.8	21689.3	21312.6	21144.5	20847.4	20768.4	20599.8	20621.0	20545.5	20667.8
22.5°	18189.5	17678.7	17363.1	16968.4	16753.7	16474.2	16390.4	16220.9	16230.6	16159.6	16277.3
25°	14268.1	13778.3	13472.0	13113.4	12927.2	12670.9	12582.7	12430.7	12439.3	12380.7	12486.4
27.5°	11037.5	10635.6	10379.3	10078.6	9911.7	9701.0	9615.1	9487.2	9486.8	9443.9	9532.2
30°	8625.1	8289.7	8059.7	7797.9	7641.2	7451.0	7367.9	7253.5	7248.6	7218.1	7288.2
32.5°	6753.2	6455.0	6245.1	6014.7	5874.0	5710.8	5632.2	5540.3	5531.9	5504.4	5561.9
35°	5249.8	4998.6	4818.2	4624.1	4638.5	4397.7	4437.8	4250.8	4200.1	4189.1	4231.8
37.5°	4057.5	3863.0	3716.3	3571.1	3472.7	3371.0	3316.2	3266.9	3261.4	3256.6	3286.6
40°	3175.9	3039.7	2933.2	2833.5	2765.8	2703.7	2669.4	2642.4	2636.0	2632.4	2650.5
42.5°	2570.4	2478.5	2409.8	2349.1	2307.9	2274.1	2255.3	2240.3	2235.2	2235.4	2246.1
45°	2171.7	2116.0	2071.7	2033.8	2007.6	2019.1	1985.1	2003.0	1979.5	2003.8	1987.7
47.5°	1912.5	1865.0	1837.6	1810.9	1794.9	1782.1	1782.6	1782.8	1787.8	1788.7	1793.8
50°	1712.5	1685.0	1666.0	1648.8	1640.5	1633.9	1636.2	1637.9	1642.8	1643.2	1647.0
52.5°	1564.5	1546.4	1534.9	1524.3	1520.6	1516.7	1518.3	1517.6	1519.9	1518.7	1521.9
55°	1444.0	1435.4	1431.9	1427.9	1428.4	1427.4	1428.1	1424.3	1422.0	1419.1	1421.7
57.5°	1345.1	1343.9	1346.4	1348.0	1352.6	1354.2	1355.2	1350.7	1346.6	1342.8	1345.0
60°	1268.9	1270.8	1276.8	1281.7	1288.2	1291.2	1293.1	1290.5	1287.5	1284.4	1286.3
62.5°	1193.8	1196.7	1203.9	1209.4	1217.3	1221.4	1225.9	1226.1	1227.3	1226.1	1227.4
65°	1106.6	1110.2	1116.7	1121.2	1128.6	1132.2	1136.8	1137.6	1140.2	1139.7	1141.8
67.5°	1040.3	1043.6	1049.1	1053.3	1059.9	1063.6	1067.6	1067.8	1068.8	1068.5	1070.6
70°	969.6	971.3	976.1	979.7	986.2	990.0	994.7	996.1	999.0	999.5	1001.8
72.5°	894.3	893.6	896.5	898.1	903.0	906.0	911.9	915.2	920.1	921.3	923.1
75°	812.1	811.4	815.0	816.4	820.5	823.5	830.2	834.4	842.0	845.1	844.3
77.5°	717.1	718.8	725.3	728.9	734.5	738.3	747.0	753.8	767.6	773.7	767.5
80°	610.8	612.6	619.3	622.8	630.0	634.7	644.3	652.4	664.8	667.5	664.0
82.5°	480.3	480.7	486.7	489.4	498.8	505.7	517.9	524.4	532.0	530.8	529.9
85°	327.4	331.9	339.4	347.0	358.6	369.8	381.3	390.9	384.1	394.7	382.8
87.5°	175.1	174.6	184.7	183.1	199.5	208.9	218.9	223.6	228.9	227.9	228.0
90°	62.7	59.4	58.7	55.3	55.4	51.8	52.7	49.2	50.8	46.6	52.8
92.5°	67.0	64.1	61.0	58.1	55.1	52.2	49.1	46.1	43.2	40.2	43.2
95°	81.8	79.1	76.3	73.5	70.7	67.9	65.2	62.5	59.6	56.9	60.3
97.5°	100.9	99.3	97.7	96.1	94.4	92.9	91.3	89.7	88.0	86.4	88.7
100°	113.9	113.9	113.9	113.9	113.6	113.6	113.6	113.6	113.6	113.6	115.4
102.5°	217.4	212.2	206.9	201.5	196.3	191.0	185.8	180.4	175.2	169.9	177.7
105°	490.6	469.9	449.2	428.5	407.8	387.2	366.6	345.9	325.3	304.6	325.9
107.5°	910.3	872.6	834.9	797.3	759.6	722.0	684.4	646.8	609.2	571.6	605.3
110°	1270.2	1230.3	1190.2	1150.4	1110.3	1070.3	1030.4	990.5	950.6	910.7	942.8



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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°	1415.9	1389.8	1364.1	1338.2	1312.5	1286.8	1261.0	1235.3	1209.7	1184.0	1199.6
115°	1396.5	1384.2	1371.8	1359.6	1347.2	1334.9	1322.6	1310.5	1298.3	1286.2	1287.1
117.5°	1280.6	1276.3	1272.2	1268.0	1263.9	1259.9	1255.9	1252.0	1248.0	1244.2	1235.5
120°	1113.5	1114.7	1115.9	1117.3	1118.7	1120.0	1121.3	1122.9	1124.5	1126.1	1114.4
122.5°	949.0	951.8	954.7	957.8	961.0	964.2	967.4	970.9	974.3	977.7	966.0
125°	805.7	808.5	811.4	814.4	817.2	820.5	823.7	827.2	830.5	834.0	824.2
127.5°	702.4	703.3	704.1	705.3	706.3	707.6	708.9	710.4	712.1	713.8	707.6
130°	636.8	635.8	634.5	633.5	632.2	631.6	630.8	630.2	629.6	629.3	626.5
132.5°	599.0	596.4	593.8	591.2	588.8	586.5	584.3	582.4	580.5	578.8	578.0
135°	578.3	574.7	571.1	567.7	564.2	561.2	558.1	555.3	552.4	549.8	550.3
137.5°	564.1	560.7	557.1	553.6	550.2	547.3	544.2	541.1	538.4	535.9	536.9
140°	558.8	555.3	551.6	548.4	545.2	541.9	538.9	536.2	533.2	530.7	531.3
142.5°	551.2	548.3	545.0	541.9	538.8	536.1	533.4	530.8	528.0	525.9	526.6
145°	545.6	543.3	540.9	538.5	536.4	534.5	532.1	530.3	528.5	527.1	527.4
147.5°	537.8	536.2	534.3	532.7	530.7	529.4	527.8	526.5	525.2	524.0	524.1
150°	527.2	526.2	524.9	523.9	522.8	521.8	520.7	519.9	519.0	518.3	518.2
152.5°	515.7	514.8	513.7	512.8	511.8	511.0	510.0	509.3	508.6	507.9	507.8
155°	502.1	501.6	501.2	500.8	500.4	500.2	499.8	499.7	499.4	499.3	499.4
157.5°	494.2	494.2	493.9	494.0	494.0	493.9	493.8	494.1	493.9	494.1	494.4
160°	490.2	490.0	489.7	489.5	489.4	489.1	489.0	488.9	488.8	488.7	489.1
162.5°	486.1	486.4	486.5	486.8	487.1	487.3	487.8	488.3	488.5	488.9	489.3
165°	486.8	486.7	486.7	486.5	486.6	486.6	486.7	486.8	486.9	487.1	487.8
167.5°	485.9	486.2	486.3	486.7	487.0	487.5	487.9	488.5	489.0	489.6	490.1
170°	489.0	489.0	489.0	489.0	489.0	489.2	489.3	489.4	489.6	489.9	490.2
172.5°	493.7	493.7	493.5	493.7	493.5	493.7	493.7	493.8	493.8	493.9	494.1
175°	495.2	495.6	495.8	496.2	496.3	496.5	496.7	497.0	497.2	497.5	497.5
177.5°	497.8	497.9	497.9	497.9	497.9	498.0	498.0	498.0	498.0	497.9	498.1
180°	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5



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**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2
2.5°	31770.0	31754.0	31770.3	31753.8	31770.3	31750.5	31763.9	31742.5	31748.0	31725.8	31731.4
5°	32971.2	32945.9	32959.4	32926.4	32929.9	32885.9	32885.1	32834.0	32820.4	32762.2	32736.6
7.5°	33942.6	33934.3	33938.9	33917.7	33915.3	33885.3	33871.0	33828.7	33802.1	33748.4	33711.8
10°	33788.8	33813.6	33820.0	33845.2	33850.4	33875.5	33880.7	33905.7	33910.9	33929.4	33929.6
12.5°	32250.9	32335.0	32355.1	32458.9	32502.7	32621.6	32685.2	32816.2	32894.0	33024.6	33104.8
15°	29288.1	29433.6	29491.7	29694.5	29806.7	30043.5	30192.2	30464.0	30655.9	30944.6	31150.7
17.5°	25210.6	25413.8	25505.5	25780.6	25960.0	26309.5	26561.3	26975.9	27293.2	27754.0	28119.1
20°	20688.7	20914.7	21039.2	21353.0	21564.7	21973.0	22287.4	22796.8	23221.6	23805.4	24304.7
22.5°	16314.2	16529.2	16667.5	16986.7	17225.0	17650.9	18002.4	18540.1	19016.0	19673.9	20272.4
25°	12526.2	12723.3	12848.2	13137.0	13360.9	13752.2	14087.8	14604.9	15070.6	15730.4	16344.2
27.5°	9576.1	9741.2	9861.7	10107.9	10305.3	10637.2	10925.5	11352.8	11754.1	12324.9	12871.5
30°	7331.3	7477.6	7594.8	7809.3	7992.3	8280.1	8533.5	8892.5	9224.6	9678.8	10113.6
32.5°	5602.4	5728.3	5832.7	6020.4	6186.5	6445.6	6673.9	6988.6	7273.7	7658.9	8016.6
35°	4271.6	4519.4	4501.9	4760.7	4802.3	4988.3	5192.0	5467.2	5719.6	6047.1	6351.7
37.5°	3315.5	3385.1	3459.8	3574.2	3694.5	3863.7	4035.8	4371.9	4495.2	4742.8	4994.8
40°	2673.5	2720.7	2770.0	2847.3	2931.4	3050.7	3176.0	3336.4	3500.7	3701.4	3906.4
42.5°	2260.3	2286.9	2318.3	2363.8	2415.6	2491.2	2575.1	2683.8	2798.1	2939.4	3083.6
45°	2019.4	2006.8	2016.1	2040.5	2071.8	2117.7	2170.7	2238.0	2312.3	2403.9	2501.3
47.5°	1794.9	1800.1	1802.8	1816.1	1832.8	1863.6	1895.7	1941.4	2029.7	2056.5	2109.7
50°	1646.6	1649.1	1648.3	1655.0	1663.5	1683.5	1704.3	1735.3	1766.2	1807.1	1846.2
52.5°	1522.3	1525.8	1525.3	1529.7	1534.3	1547.0	1560.1	1582.0	1602.2	1628.2	1650.7
55°	1424.2	1428.9	1430.8	1434.5	1436.7	1443.4	1448.6	1459.0	1467.7	1482.4	1496.0
57.5°	1348.7	1355.2	1358.2	1359.5	1356.8	1356.5	1354.8	1357.0	1358.7	1366.6	1374.3
60°	1289.3	1294.5	1295.4	1294.5	1289.6	1286.2	1280.5	1278.8	1277.9	1281.7	1285.9
62.5°	1227.0	1229.0	1227.7	1226.1	1220.6	1217.2	1211.4	1209.3	1207.3	1210.0	1212.2
65°	1141.0	1142.6	1141.0	1140.1	1135.1	1132.4	1127.6	1125.9	1123.1	1123.8	1123.3
67.5°	1071.2	1072.8	1071.5	1070.1	1066.7	1065.1	1061.5	1059.1	1055.8	1054.5	1052.2
70°	1001.4	1002.7	1000.7	999.5	995.6	994.1	990.6	989.9	987.3	986.7	984.0
72.5°	921.3	921.4	918.7	917.9	915.0	914.9	913.4	914.8	914.6	916.0	915.4
75°	839.4	838.2	834.7	834.1	831.9	832.9	831.4	833.4	833.6	836.7	837.1
77.5°	757.3	752.9	746.4	743.2	738.8	738.2	735.7	737.4	736.8	740.3	741.7
80°	653.5	648.3	639.8	635.8	630.5	629.7	627.4	629.7	628.5	632.6	635.5
82.5°	521.8	517.2	508.4	505.1	499.2	499.7	497.1	499.7	499.4	505.4	508.8
85°	385.9	382.9	373.8	365.9	356.9	351.6	346.5	345.6	344.1	346.5	348.6
87.5°	222.9	220.2	213.0	208.4	192.7	193.4	187.3	186.9	185.4	183.9	187.3
90°	52.8	58.1	58.4	63.4	64.2	69.7	70.8	76.2	77.1	82.5	84.2
92.5°	46.1	49.1	52.1	55.1	58.0	61.0	64.0	67.0	73.5	79.5	86.3
95°	63.8	67.2	70.6	74.2	77.6	81.0	84.5	87.9	97.3	106.7	116.1
97.5°	91.0	93.2	95.6	97.8	100.1	102.4	104.6	107.0	117.1	127.2	137.3
100°	117.2	119.1	120.9	122.8	124.6	126.4	128.2	130.1	149.8	169.3	188.9
102.5°	185.5	193.3	201.1	208.9	216.7	224.6	232.4	240.1	284.9	329.6	374.4
105°	347.3	368.6	390.1	411.4	432.8	454.0	475.5	496.8	568.5	640.0	711.8
107.5°	639.0	672.7	706.4	740.3	774.0	807.8	841.5	875.3	945.1	1015.2	1085.0
110°	974.9	1007.2	1039.3	1071.5	1103.5	1135.8	1168.0	1200.4	1242.4	1284.2	1326.1



TEST NUMBER: P1444396  
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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°	1215.2	1230.9	1246.5	1262.3	1277.9	1293.8	1309.5	1325.3	1346.3	1367.2	1388.2
115°	1288.1	1289.0	1290.1	1291.2	1292.3	1293.3	1294.7	1295.9	1302.5	1309.1	1315.7
117.5°	1226.8	1218.3	1209.8	1201.2	1192.7	1184.6	1176.1	1167.9	1166.5	1165.2	1164.0
120°	1103.0	1091.5	1080.0	1068.5	1057.3	1045.9	1034.8	1023.7	1018.0	1012.2	1006.7
122.5°	954.5	943.1	931.7	920.3	909.1	898.0	887.0	876.0	872.0	868.0	864.1
125°	814.6	805.0	795.5	786.2	776.9	767.7	758.8	749.8	749.6	749.2	749.2
127.5°	701.8	695.9	690.3	684.6	679.3	673.8	668.5	663.1	665.7	668.1	670.6
130°	624.0	621.3	619.1	616.6	614.7	612.5	610.4	608.4	612.9	617.1	621.4
132.5°	577.7	577.1	576.9	576.6	576.6	576.7	576.9	576.9	582.1	586.9	592.1
135°	550.9	551.6	552.6	553.5	554.8	556.0	557.3	558.4	563.3	568.0	572.9
137.5°	538.1	539.1	540.5	541.9	543.6	545.2	547.0	548.6	552.4	556.3	560.0
140°	532.3	533.3	534.5	535.7	536.9	538.2	539.7	541.0	544.3	547.2	550.1
142.5°	527.6	528.3	529.4	530.6	531.8	533.1	534.4	535.6	537.9	539.9	542.5
145°	528.1	528.7	529.6	530.3	531.2	532.1	533.3	534.2	535.7	537.0	538.4
147.5°	524.6	524.9	525.5	526.1	526.8	527.4	527.9	528.5	529.5	530.3	531.3
150°	518.5	518.5	518.8	518.9	519.4	519.7	520.2	520.4	521.2	522.0	523.0
152.5°	508.1	508.1	508.4	508.4	508.8	509.1	509.2	509.6	510.5	511.1	511.9
155°	499.7	500.2	500.6	501.0	501.6	501.8	502.4	502.7	503.3	503.7	504.3
157.5°	494.8	495.1	495.6	495.9	496.4	496.8	497.3	497.6	498.2	498.5	499.1
160°	489.8	490.5	491.1	491.7	492.4	493.0	493.7	494.4	494.8	495.2	495.6
162.5°	489.8	490.2	490.7	491.0	491.5	491.9	492.3	492.7	493.5	494.0	494.8
165°	488.4	489.1	489.9	490.3	491.1	491.8	492.4	493.0	493.4	493.8	494.2
167.5°	490.8	491.2	492.0	492.7	493.3	493.9	494.6	495.2	495.6	495.9	496.3
170°	490.9	491.4	492.0	492.6	493.1	493.6	494.3	494.8	495.4	495.9	496.6
172.5°	494.7	495.1	495.5	495.9	496.4	496.9	497.4	497.8	498.3	498.7	499.4
175°	497.5	497.5	497.6	497.7	497.9	497.9	498.0	498.2	498.3	498.4	498.5
177.5°	498.3	498.6	498.8	499.1	499.3	499.6	499.8	500.0	500.0	500.0	500.0
180°	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5



TEST NUMBER: P1444396  
 CATALOG NUMBER: EHBR1-36-UNV-TA-L840-UPL36

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2
2.5°	31709.2	31710.7	31685.0	31683.7	31659.7	31656.7	31633.4	31626.2	31607.2	31600.4	31581.1
5°	32671.3	32640.1	32568.2	32525.8	32454.7	32407.6	32330.6	32280.3	32206.1	32150.0	32075.2
7.5°	33644.3	33595.9	33515.0	33449.6	33350.9	33272.1	33156.5	33061.9	32936.8	32828.5	32697.1
10°	33929.6	33922.2	33901.6	33871.6	33825.7	33774.1	33695.5	33613.4	33503.8	33384.7	33238.7
12.5°	33227.5	33303.4	33406.7	33468.0	33542.5	33575.2	33605.8	33598.1	33578.0	33517.8	33433.3
15°	31448.9	31661.9	31944.0	32162.7	32414.2	32597.0	32798.9	32924.7	33050.2	33108.1	33143.5
17.5°	28619.5	29022.9	29528.8	29947.9	30431.6	30820.1	31246.0	31566.6	31896.2	32132.4	32346.0
20°	24985.2	25569.7	26285.1	26917.1	27651.9	28290.6	28990.5	29565.0	30157.5	30620.8	31059.3
22.5°	21043.1	21737.3	22602.2	23403.5	24350.8	25202.3	26163.0	26999.0	27872.0	28601.3	29306.5
25°	17166.8	17928.0	18873.7	19767.7	20840.7	21831.1	22970.4	24012.4	25140.7	26120.4	27088.1
27.5°	13627.2	14374.5	15340.0	16291.6	17426.2	18481.6	19702.2	20850.4	22135.0	23319.8	24531.7
30°	10717.9	11351.8	12217.5	13139.2	14258.3	15332.2	16566.1	17746.9	19083.3	20377.0	21742.0
32.5°	8491.4	8974.3	9655.0	10434.4	11466.9	12489.2	13664.1	14803.9	16120.1	17426.8	18846.6
35°	6743.8	7120.4	7639.3	8247.6	9122.0	10003.1	11042.4	12079.0	13306.9	14546.9	15926.9
37.5°	5317.8	5623.5	6029.9	6486.8	7188.1	7911.3	8763.5	9622.8	10689.7	11788.9	13039.5
40°	4152.6	4400.0	4716.5	5057.2	5586.8	6144.0	6803.1	7469.5	8326.7	9225.0	10260.0
42.5°	3262.2	3444.8	3668.3	3917.2	4411.3	4707.2	5154.1	5636.1	6266.3	6918.4	7696.6
45°	2619.9	2744.4	2899.4	3066.4	3295.7	3546.6	3852.8	4173.6	4772.4	5066.0	5539.2
47.5°	2187.8	2271.5	2370.0	2475.3	2610.6	2756.5	2938.0	3123.6	3363.6	3612.3	3904.0
50°	1896.9	1981.9	2015.7	2070.3	2148.6	2231.9	2334.2	2436.5	2565.3	2695.7	2845.9
52.5°	1680.9	1708.6	1745.5	1780.1	1828.6	1923.6	1954.2	2007.7	2080.0	2150.5	2229.4
55°	1516.0	1534.1	1558.0	1579.0	1608.2	1636.3	1676.8	1712.4	1760.5	1803.1	1855.3
57.5°	1387.7	1399.2	1415.8	1429.6	1448.5	1464.3	1488.0	1507.3	1535.0	1559.1	1590.8
60°	1294.3	1302.1	1313.2	1322.2	1334.3	1342.6	1354.3	1363.4	1378.0	1390.2	1407.9
62.5°	1218.3	1222.2	1229.5	1234.7	1242.4	1246.6	1252.9	1256.8	1264.9	1271.0	1280.9
65°	1126.9	1127.8	1132.6	1134.8	1140.9	1143.1	1148.2	1150.1	1156.7	1161.3	1169.9
67.5°	1052.0	1049.9	1050.0	1048.3	1049.1	1047.2	1047.7	1045.9	1048.6	1050.0	1056.6
70°	983.6	980.6	979.7	976.6	975.6	972.4	971.5	968.5	968.2	967.3	969.6
72.5°	916.9	916.1	916.4	914.2	914.0	911.7	911.8	910.4	911.9	912.6	915.7
75°	840.3	840.5	842.0	840.1	840.6	838.8	839.5	837.8	838.7	838.3	841.3
77.5°	747.1	749.3	753.3	752.5	753.8	751.7	752.6	750.2	750.9	749.3	750.4
80°	642.1	646.8	652.2	652.0	654.3	652.8	654.9	652.6	653.5	650.7	650.0
82.5°	517.6	521.6	527.4	527.6	532.8	533.7	539.3	539.1	542.7	540.4	538.8
85°	353.9	356.6	361.6	364.5	369.7	372.9	378.4	380.6	376.7	383.8	378.2
87.5°	184.7	191.6	187.8	196.8	194.6	203.7	201.8	210.2	208.5	215.7	214.8
90°	90.9	93.0	100.1	102.5	110.7	113.8	115.8	112.1	113.8	110.3	112.1
92.5°	92.3	99.1	105.4	111.9	118.3	124.8	118.8	112.8	106.9	101.0	94.9
95°	125.5	134.9	144.3	153.8	163.2	172.5	162.4	152.5	142.4	132.3	122.2
97.5°	147.4	157.5	167.6	177.7	187.9	198.0	186.1	174.2	162.2	150.4	138.4
100°	208.4	227.9	247.4	267.0	286.6	306.0	283.9	261.6	239.5	217.2	195.0
102.5°	419.4	464.1	508.9	553.8	598.5	643.3	596.2	549.3	502.0	454.9	407.6
105°	783.5	855.1	926.8	998.4	1070.0	1142.0	1065.5	989.0	912.5	836.3	759.7
107.5°	1154.9	1224.6	1294.7	1364.6	1434.5	1504.6	1427.1	1349.4	1272.0	1194.5	1116.9
110°	1368.3	1410.2	1452.3	1494.4	1536.3	1578.6	1521.9	1465.5	1408.8	1352.1	1295.6



TEST NUMBER: P1444396  
 CATALOG NUMBER: EHBR1-36-UNV-TA-L840-UPL36

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	1409.2	1430.4	1451.2	1472.5	1493.4	1514.6	1474.0	1433.8	1393.1	1352.9	1312.2
115°	1322.5	1329.2	1336.0	1342.8	1349.4	1356.2	1329.0	1301.6	1274.4	1247.0	1219.6
117.5°	1162.8	1161.8	1160.4	1159.3	1158.0	1156.9	1141.7	1126.3	1111.1	1095.8	1080.3
120°	1000.8	995.4	989.7	984.1	978.4	972.7	966.2	959.8	953.2	946.6	940.0
122.5°	860.1	856.3	852.3	848.5	844.4	840.4	837.9	835.5	832.8	830.3	827.6
125°	749.1	748.8	748.6	748.5	748.1	748.0	746.6	745.3	743.9	742.7	741.1
127.5°	673.0	675.4	677.7	680.3	682.4	684.8	684.4	684.1	683.7	683.3	682.9
130°	625.6	630.1	634.3	638.4	642.4	646.8	645.9	645.2	644.3	643.5	642.9
132.5°	597.0	601.9	606.8	611.9	616.5	621.4	620.4	619.6	618.4	617.6	616.5
135°	577.5	582.3	586.7	591.5	595.9	600.5	599.2	598.1	596.8	595.7	594.5
137.5°	563.5	567.6	571.1	574.7	578.3	581.9	580.6	579.5	578.1	577.0	575.7
140°	553.0	556.0	558.8	561.7	564.5	567.4	565.7	564.3	562.7	561.2	559.6
142.5°	544.6	546.8	548.7	551.0	552.9	555.2	552.8	550.8	548.7	546.7	544.6
145°	539.8	541.3	542.6	544.0	545.0	546.5	544.0	541.7	539.0	536.8	534.3
147.5°	532.1	533.1	533.6	534.6	535.0	535.9	533.6	531.2	528.9	526.5	524.2
150°	523.5	524.4	525.0	525.7	526.3	527.0	524.6	522.2	519.5	517.2	514.8
152.5°	512.6	513.3	513.9	514.4	515.1	515.6	513.2	511.2	508.7	506.3	504.0
155°	504.6	505.1	505.4	505.8	505.9	506.3	504.3	502.5	500.6	498.6	496.6
157.5°	499.4	499.9	500.2	500.5	500.7	501.0	499.6	498.1	496.5	495.1	493.6
160°	496.0	496.3	496.7	496.9	497.2	497.4	496.1	495.1	493.8	492.5	491.1
162.5°	495.3	495.9	496.4	496.9	497.4	497.9	496.4	495.0	493.5	492.0	490.5
165°	494.5	494.9	495.2	495.6	495.7	496.0	495.0	494.1	493.0	492.1	490.9
167.5°	496.6	497.0	497.3	497.6	497.7	497.9	497.0	496.1	495.0	493.9	492.8
170°	496.9	497.4	497.9	498.4	498.8	499.2	498.4	497.6	496.7	495.9	494.9
172.5°	499.8	500.2	500.4	501.0	501.2	501.6	500.8	499.9	499.1	498.1	497.1
175°	498.5	498.7	499.0	499.0	499.0	499.1	498.3	497.6	497.0	496.3	495.6
177.5°	500.0	500.0	500.0	499.9	499.9	499.9	499.4	499.0	498.4	498.0	497.4
180°	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5



TEST NUMBER: P1444396  
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**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2
2.5°	31574.2	31560.5	31551.6	31540.4	31533.6	31524.8	31518.4	31513.0	31508.5	31504.5	31501.5
5°	32018.2	31947.7	31892.9	31833.5	31784.8	31736.3	31698.7	31667.8	31646.4	31630.3	31620.7
7.5°	32583.5	32454.3	32339.5	32218.5	32110.1	32003.5	31911.5	31832.4	31773.0	31734.5	31711.2
10°	33088.3	32915.4	32744.4	32564.3	32393.6	32228.0	32075.2	31940.8	31834.4	31763.6	31722.4
12.5°	33314.6	33167.2	32992.6	32797.1	32587.9	32376.3	32169.9	31983.9	31827.8	31723.0	31662.5
15°	33115.3	33054.8	32936.3	32784.5	32586.1	32367.2	32124.9	31897.3	31687.8	31552.0	31473.3
17.5°	32467.0	32551.4	32542.4	32484.4	32341.6	32157.4	31910.5	31654.9	31392.8	31211.3	31112.1
20°	31372.9	31638.3	31773.0	31842.0	31786.0	31666.6	31443.1	31183.5	30878.1	30641.1	30496.5
22.5°	29835.5	30304.0	30596.0	30809.6	30855.0	30814.3	30617.0	30370.1	30029.8	29744.8	29531.2
25°	27856.3	28542.8	29004.2	29365.9	29506.4	29542.7	29374.8	29129.3	28749.8	28418.0	28124.6
27.5°	25525.1	26417.0	27033.1	27519.2	27738.6	27833.8	27679.2	27428.8	26979.9	26583.6	26200.4
30°	22900.6	23958.8	24700.6	25283.4	25550.9	25676.6	25512.4	25232.9	24710.5	24233.8	23750.9
32.5°	20091.5	21249.5	22057.8	22690.8	22955.9	23074.1	22859.3	22545.3	21941.6	21379.9	20816.9
35°	17150.6	18319.3	19134.5	19750.6	19972.8	20044.0	19769.3	19406.4	18737.5	18121.0	17507.1
37.5°	14149.6	15237.0	15977.9	16530.9	16668.3	16680.6	16349.6	15948.9	15245.8	14637.9	14026.7
40°	11174.7	12091.7	12689.9	13132.4	13180.2	13137.6	12777.8	12374.4	11716.6	11172.1	10635.6
42.5°	8372.4	9064.6	9491.4	9794.7	9776.6	9692.6	9362.6	9015.9	8473.3	8058.5	7636.2
45°	5971.6	6428.0	6677.6	6855.0	6798.0	6717.9	6461.1	6218.2	5849.4	5581.5	5297.8
47.5°	4148.5	4693.6	4598.7	4945.7	4646.7	4844.2	4433.0	4206.3	4010.7	3868.3	3708.0
50°	2970.0	3094.9	3155.2	3196.4	3174.5	3144.1	3070.3	3004.3	2914.9	2849.7	2773.8
52.5°	2293.7	2356.1	2390.3	2415.0	2410.2	2399.1	2366.9	2337.4	2295.7	2268.0	2234.8
55°	1942.8	1943.7	2006.7	1979.7	2019.5	1972.8	1991.2	1939.4	1947.8	1903.4	1873.5
57.5°	1614.4	1640.0	1651.5	1662.6	1659.5	1657.6	1645.1	1638.8	1624.8	1620.5	1610.5
60°	1420.1	1433.5	1436.3	1441.4	1437.1	1435.4	1425.7	1422.2	1412.8	1411.0	1404.4
62.5°	1286.9	1293.7	1293.7	1293.7	1288.1	1282.7	1271.9	1266.3	1258.2	1256.5	1252.7
65°	1175.7	1182.7	1184.0	1185.5	1181.3	1177.2	1167.6	1161.5	1153.2	1150.1	1145.6
67.5°	1060.9	1068.4	1071.1	1074.9	1072.6	1071.7	1065.2	1062.8	1057.3	1056.0	1052.0
70°	970.8	973.9	973.7	973.6	968.4	963.9	956.3	952.7	947.0	945.8	942.2
72.5°	917.2	919.4	918.0	916.0	909.4	902.7	893.8	887.3	879.8	875.2	870.0
75°	841.7	844.6	842.7	841.5	835.6	831.1	824.1	820.4	815.2	813.7	810.0
77.5°	749.0	750.4	747.4	747.1	742.5	739.7	734.4	733.4	729.6	729.7	726.2
80°	645.9	645.1	640.2	639.2	634.7	633.6	629.3	629.6	626.6	627.8	625.4
82.5°	531.4	528.5	522.2	520.2	515.0	514.6	511.8	514.1	512.3	515.0	513.4
85°	380.8	381.7	378.9	378.9	377.4	377.8	377.6	379.3	379.6	382.1	382.0
87.5°	212.3	215.3	214.8	217.5	217.4	220.6	221.7	226.3	226.9	231.2	231.2
90°	108.6	110.8	107.2	109.6	108.0	111.7	110.9	114.6	113.3	116.3	113.9
92.5°	89.0	83.0	77.2	71.1	68.1	64.9	62.4	58.9	56.2	53.0	49.9
95°	112.1	102.0	91.9	81.8	78.4	74.9	71.4	68.0	64.5	61.0	57.6
97.5°	126.5	114.6	102.7	90.8	87.8	84.9	81.7	78.8	75.8	72.8	69.8
100°	172.7	150.5	128.3	106.0	103.5	101.0	98.5	96.0	93.4	90.8	88.3
102.5°	360.5	313.2	266.0	218.8	209.8	200.9	191.9	182.9	174.0	165.1	156.1
105°	683.2	606.6	530.1	453.5	429.2	404.9	380.6	356.2	331.9	307.5	283.2
107.5°	1039.2	961.5	883.8	806.1	761.3	716.3	671.4	626.3	581.5	536.4	491.5
110°	1238.9	1182.0	1125.3	1068.4	1032.4	996.2	960.0	923.7	887.6	851.2	815.0



TEST NUMBER: P1444396  
 CATALOG NUMBER: EHBR1-36-UNV-TA-L840-UPL36

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1271.6	1231.1	1190.5	1149.7	1133.3	1116.9	1100.5	1084.1	1067.7	1051.1	1034.7
115°	1192.1	1164.8	1137.2	1109.6	1104.0	1098.2	1092.4	1086.5	1080.6	1074.7	1068.7
117.5°	1065.0	1049.6	1034.1	1018.6	1019.6	1020.5	1021.4	1022.2	1023.1	1023.8	1024.5
120°	933.3	926.8	920.1	913.4	918.4	923.3	928.3	933.0	937.9	942.5	947.1
122.5°	825.1	822.3	819.8	817.0	823.0	829.0	834.8	840.7	846.3	851.9	857.5
125°	739.9	738.4	737.1	735.5	741.7	747.6	753.6	759.3	765.2	770.7	776.3
127.5°	682.5	682.1	681.7	681.2	685.6	689.8	693.9	697.9	702.0	705.7	709.4
130°	642.1	641.2	640.5	639.6	643.5	647.3	651.1	654.6	658.3	661.5	664.7
132.5°	615.6	614.5	613.7	612.5	615.4	618.0	620.7	623.1	625.6	627.7	629.8
135°	593.3	592.0	590.8	589.5	592.1	594.6	597.1	599.2	601.6	603.4	605.4
137.5°	574.5	573.2	571.9	570.6	573.0	575.2	577.3	579.4	581.2	583.1	584.7
140°	558.2	556.5	555.2	553.4	555.6	557.5	559.5	561.2	563.0	564.4	565.9
142.5°	542.5	540.1	538.4	536.1	537.6	539.0	540.3	541.6	542.9	544.0	544.9
145°	531.9	529.2	527.0	524.5	525.6	526.7	527.8	528.9	529.6	530.3	531.1
147.5°	522.0	519.4	517.0	514.7	515.7	516.4	517.1	517.6	518.5	518.9	519.4
150°	512.4	509.6	507.1	504.6	505.4	505.9	506.5	507.1	507.8	508.0	508.5
152.5°	501.7	499.3	496.8	494.3	494.9	495.3	495.8	496.1	496.6	496.9	497.3
155°	494.6	492.6	490.5	488.4	489.0	489.3	489.6	489.9	490.2	490.4	490.6
157.5°	492.0	490.2	488.8	486.9	487.0	487.1	487.2	487.0	487.1	486.9	486.9
160°	489.9	488.4	487.0	485.5	485.5	485.5	485.6	485.4	485.3	485.1	485.0
162.5°	488.9	487.2	485.5	483.8	483.8	484.0	483.9	483.7	483.7	483.5	483.3
165°	489.9	488.7	487.4	486.1	486.0	485.7	485.6	485.1	484.9	484.5	484.1
167.5°	491.6	490.5	489.2	487.9	488.0	488.1	488.1	488.0	488.0	487.8	487.6
170°	494.0	493.0	492.1	491.1	490.9	490.8	490.5	490.3	489.9	489.7	489.4
172.5°	496.1	495.2	494.2	493.1	493.1	492.9	492.7	492.6	492.3	492.0	491.9
175°	494.8	494.2	493.3	492.6	492.4	492.3	492.2	492.1	491.9	491.8	491.5
177.5°	497.0	496.5	495.9	495.4	495.2	495.2	495.1	495.0	495.0	494.9	494.8
180°	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5



TEST NUMBER: P1444396  
 CATALOG NUMBER: EHBR1-36-UNV-TA-L840-UPL36

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	31377.2	31377.2
2.5°	31498.7	31497.0
5°	31615.8	31613.9
7.5°	31704.8	31704.3
10°	31715.3	31720.7
12.5°	31652.0	31656.5
15°	31467.3	31475.9
17.5°	31113.9	31125.2
20°	30505.3	30517.1
22.5°	29519.7	29524.6
25°	28086.6	28066.3
27.5°	26133.0	26098.0
30°	23649.4	23615.6
32.5°	20688.4	20667.2
35°	17355.3	17342.0
37.5°	13846.1	13818.9
40°	10439.3	10360.0
42.5°	7451.4	7312.1
45°	5149.5	4984.6
47.5°	3594.9	3493.0
50°	2724.8	2691.9
52.5°	2220.3	2212.6
55°	1873.4	1870.0
57.5°	1612.7	1611.5
60°	1407.9	1407.6
62.5°	1255.2	1255.8
65°	1147.6	1147.8
67.5°	1053.0	1052.3
70°	943.5	942.7
72.5°	868.2	866.9
75°	810.0	809.2
77.5°	727.3	726.0
80°	627.0	625.4
82.5°	515.7	513.9
85°	384.6	384.8
87.5°	235.4	235.3
90°	116.8	113.9
92.5°	47.3	44.5
95°	54.2	50.8
97.5°	66.9	63.9
100°	85.8	83.2
102.5°	147.2	138.2
105°	258.9	234.6
107.5°	446.5	401.6
110°	778.7	742.5



TEST NUMBER: P1444396  
CATALOG NUMBER: EHBR1-36-UNV-TA-L840-UPL36

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	1018.1	1001.5
115°	1062.6	1056.6
117.5°	1025.1	1025.6
120°	951.6	956.1
122.5°	862.8	868.1
125°	781.5	786.9
127.5°	713.0	716.4
130°	667.6	670.7
132.5°	631.7	633.3
135°	606.9	608.4
137.5°	585.9	587.3
140°	566.9	568.1
142.5°	545.7	546.4
145°	531.7	532.2
147.5°	519.3	519.7
150°	508.6	508.9
152.5°	497.2	497.5
155°	490.6	490.7
157.5°	486.5	486.4
160°	484.7	484.5
162.5°	483.1	482.9
165°	483.5	483.1
167.5°	487.4	487.3
170°	489.0	488.8
172.5°	491.6	491.3
175°	491.4	491.3
177.5°	494.8	494.6
180°	497.5	497.5



TEST NUMBER: P1444396  
 CATALOG NUMBER: EHBR1-36-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	16.57	17.61	17.11	18.12	18.68	14.95	15.99	15.49	16.50	17.06
	3H	18.12	19.05	18.67	19.57	20.18	17.38	18.31	17.93	18.83	19.44
	4H	18.91	19.78	19.49	20.32	20.94	18.49	19.36	19.07	19.90	20.52
	6H	19.68	20.47	20.26	21.03	21.66	19.54	20.33	20.12	20.89	21.52
	8H	20.00	20.75	20.59	21.32	21.96	19.98	20.73	20.57	21.30	21.94
	12H	20.24	20.96	20.84	21.52	22.18	20.33	21.04	20.93	21.61	22.27
4H	2H	16.95	17.81	17.52	18.35	18.97	15.66	16.52	16.23	17.07	17.69
	3H	18.82	19.54	19.40	20.12	20.76	18.28	19.00	18.87	19.58	20.22
	4H	19.82	20.47	20.42	21.06	21.73	19.54	20.18	20.14	20.78	21.45
	6H	20.78	21.33	21.40	21.95	22.64	20.72	21.28	21.35	21.90	22.58
	8H	21.16	21.68	21.79	22.30	22.99	21.22	21.74	21.85	22.35	23.05
	12H	21.47	21.93	22.12	22.58	23.28	21.63	22.09	22.28	22.74	23.43
8H	4H	20.20	20.72	20.83	21.33	22.03	19.95	20.47	20.58	21.09	21.78
	6H	21.36	21.78	22.02	22.44	23.14	21.30	21.72	21.96	22.39	23.09
	8H	21.86	22.24	22.54	22.91	23.63	21.91	22.28	22.58	22.96	23.67
	12H	22.29	22.62	22.96	23.28	24.06	22.43	22.76	23.10	23.42	24.20
12H	4H	20.24	20.70	20.89	21.35	22.05	20.01	20.47	20.65	21.11	21.81
	6H	21.47	21.84	22.14	22.52	23.23	21.42	21.79	22.09	22.47	23.18
	8H	22.05	22.38	22.73	23.04	23.82	22.09	22.42	22.76	23.07	23.86

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

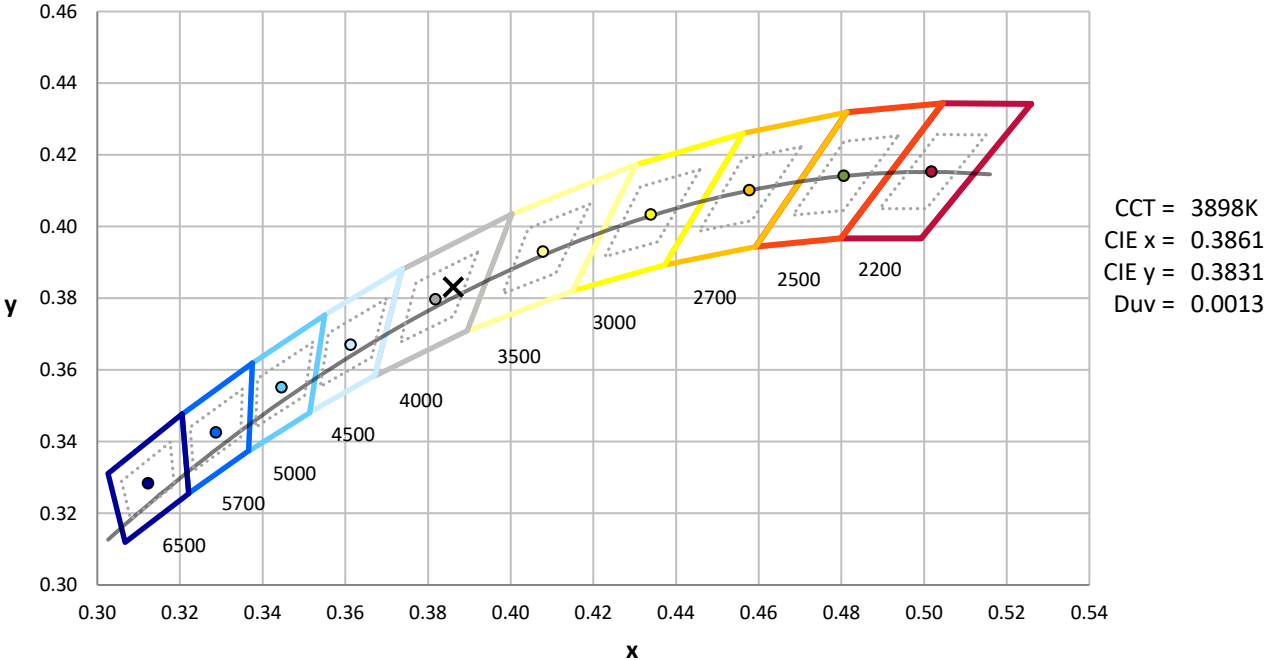
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208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

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CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-1

**Photopic Flux vs. Wavelength**



**Photopic Lumens: NR**

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

**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.55**

$\lambda$ (nm)	Power $W^{\wedge}/nm$	Lumens ( $\phi/nm$ )	$\lambda$ (nm)	Power $W^{\wedge}/nm$	Lumens ( $\phi/nm$ )	$\lambda$ (nm)	Power $W^{\wedge}/nm$	Lumens ( $\phi/nm$ )	$\lambda$ (nm)	Power $W^{\wedge}/nm$	Lumens ( $\phi/nm$ )	$\lambda$ (nm)	Power $W^{\wedge}/nm$	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

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 ( $R_{f,i}$ )**

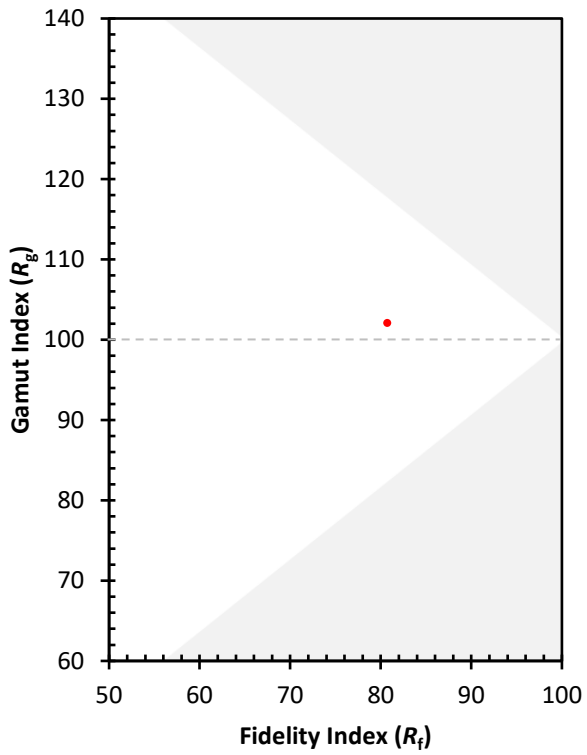
CES01 = 85	CES26 = 69	CES51 = 90	CES76 = 58
CES02 = 61	CES27 = 89	CES52 = 90	CES77 = 76
CES03 = 31	CES28 = 83	CES53 = 80	CES78 = 60
CES04 = 69	CES29 = 66	CES54 = 91	CES79 = 85
CES05 = 48	CES30 = 76	CES55 = 89	CES80 = 79
CES06 = 50	CES31 = 69	CES56 = 79	CES81 = 81
CES07 = 41	CES32 = 62	CES57 = 77	CES82 = 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)