

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: P1444673

Luminaire Tested: EHBR1-30-UNV-TA-L930

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444673
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (C80-8019A)
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-30-UNV-TA-L930
Description: Elevate Round Highbay at, 30000 lumens, 3000K 90CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

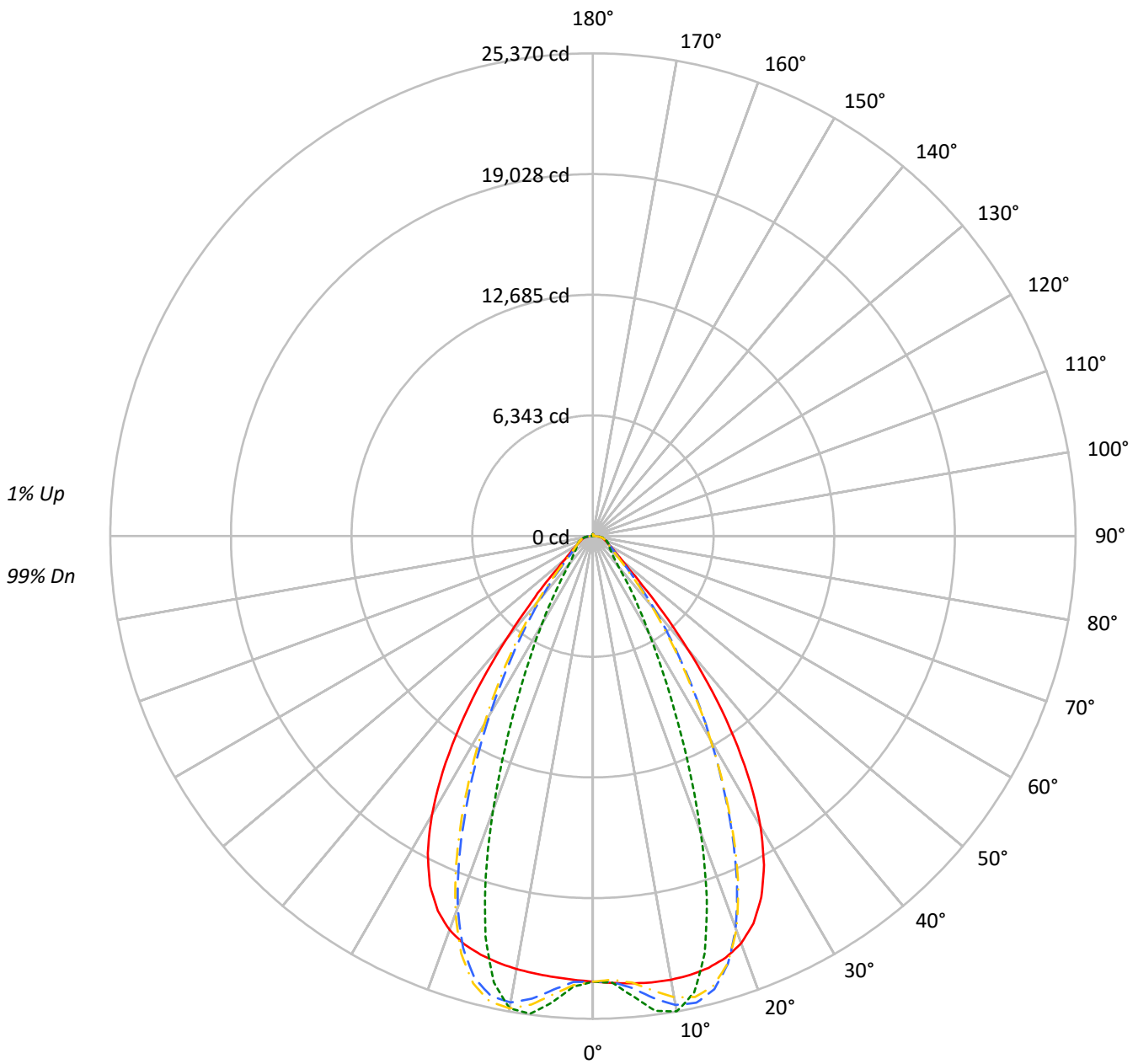
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 27112.9 lumens
Efficiency: N/A
Efficacy: 169.7 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 0.77 / 0.88
Luminous Opening: Circular (Dia: 1.71' x H: 0')
CIE Type: Direct

Input Watts (W): 159.8
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	109975	109975	109975	109975
5°	111229	114472	109672	115971
10°	112895	120977	110188	120177
15°	114213	110404	110737	105959
20°	113826	82824	110100	76632
25°	108541	52771	104953	47880
30°	95577	31965	91875	29213
35°	74202	20234	69934	17924
40°	47401	12817	43368	12044
45°	24707	10099	24298	9932
50°	14679	9102	14228	8960
55°	11427	8750	11004	8671
60°	9867	9122	9447	9003
65°	9520	9785	9155	9452
70°	9661	10642	9179	10243
75°	10959	11975	10366	11445
80°	12624	14758	11445	13470
85°	15475	18541	12506	15874

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 37811 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2308.0	8.5
10°-20°	6492.5	23.9
20°-30°	7394.4	27.3
30°-40°	5314.8	19.6
40°-50°	2451.2	9.0
50°-60°	1173.0	4.3
60°-70°	855.9	3.2
70°-80°	650.2	2.4
80°-90°	295.7	1.1
90°-100°	9.6	0.0
100°-110°	6.9	0.0
110°-120°	11.8	0.0
120°-130°	19.8	0.1
130°-140°	29.1	0.1
140°-150°	34.6	0.1
150°-160°	32.6	0.1
160°-170°	23.8	0.1
170°-180°	9.0	0.0
0°-30°	16194.9	59.7
0°-40°	21509.7	79.3
0°-60°	25133.9	92.7
0°-90°	26935.7	99.3
90°-120°	28.3	0.1
90°-150°	111.9	0.4
90°-180°	177.0	0.7
0°-180°	27112.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	23418	23418	23418	23418	23418	
5°	23595	24283	23265	24601	23595	2255
15°	23492	22709	22777	21794	23492	6619
25°	20948	10184	20255	9240	20948	9496
35°	12943	3529	12199	3126	12943	7944
45°	3720	1521	3659	1496	3720	3164
55°	1396	1069	1344	1059	1396	1288
65°	857	881	824	851	857	856
75°	604	660	571	631	604	628
85°	287	344	232	295	287	270
90°	65	86	10	15	65	42
95°	4	4	4	4	4	4
105°	7	5	7	6	7	8
115°	15	8	16	8	15	15
125°	30	13	31	14	30	27
135°	48	26	49	28	48	36
145°	63	46	64	50	63	39
155°	74	66	75	69	74	34
165°	86	81	88	83	86	24
175°	96	95	96	96	96	9
180°	97	97	97	97	97	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5
2.5°	23508.0	23506.1	23505.8	23504.1	23503.7	23503.7	23502.9	23500.9	23499.8	23497.1	23494.0
5°	23595.2	23594.2	23594.8	23595.0	23593.4	23589.7	23583.9	23577.0	23568.0	23559.8	23552.3
7.5°	23662.7	23664.3	23666.4	23666.0	23660.8	23652.3	23640.5	23633.9	23637.8	23650.6	23679.8
10°	23675.0	23685.1	23689.0	23687.7	23677.5	23670.2	23673.0	23697.8	23747.2	23813.1	23903.2
12.5°	23627.0	23639.3	23638.9	23634.8	23624.9	23635.0	23670.9	23744.8	23850.6	23980.6	24133.0
15°	23492.2	23508.2	23503.7	23498.4	23491.8	23524.8	23596.7	23724.9	23888.4	24071.6	24259.2
17.5°	23230.6	23249.8	23240.5	23234.4	23228.9	23290.8	23414.1	23602.0	23807.9	24015.2	24193.0
20°	22776.6	22789.5	22767.3	22756.8	22765.6	22887.0	23068.7	23308.5	23525.6	23721.6	23843.1
22.5°	22035.8	22051.9	22010.0	22005.1	22056.9	22243.4	22473.2	22741.3	22945.3	23100.7	23147.5
25°	20947.5	20963.2	20913.4	20943.2	21031.2	21285.3	21559.0	21845.8	22019.9	22134.9	22103.2
27.5°	19478.4	19492.9	19445.6	19506.4	19645.5	19979.3	20301.5	20612.7	20767.7	20848.4	20746.2
30°	17625.7	17655.6	17599.8	17684.7	17897.0	18330.4	18699.5	19048.4	19203.1	19264.4	19105.4
32.5°	15425.2	15467.8	15406.3	15532.5	15828.8	16349.3	16768.7	17158.5	17329.5	17399.6	17220.0
35°	12943.3	13004.4	12933.8	13123.2	13488.6	14068.3	14532.7	14967.9	15170.5	15269.8	15088.9
37.5°	10313.9	10372.1	10333.8	10586.6	10987.8	11588.7	12062.6	12532.2	12761.0	12910.0	12767.4
40°	7732.3	7785.6	7814.5	8103.4	8480.9	9047.2	9502.4	9967.0	10223.0	10410.0	10322.0
42.5°	5457.5	5511.2	5609.5	5888.2	6203.0	6671.8	7061.7	7478.9	7723.3	7922.9	7889.0
45°	3720.2	3782.6	3905.7	4134.0	4361.7	4698.0	4984.3	5308.7	5508.4	5691.2	5693.4
47.5°	2606.9	2650.8	2760.7	2916.6	3065.1	3486.0	3503.3	3662.8	3797.1	3933.7	3951.4
50°	2009.2	2035.5	2093.8	2180.7	2264.8	2374.1	2474.2	2589.7	2672.3	2747.2	2765.1
52.5°	1651.4	1668.1	1697.8	1744.9	1793.7	1853.1	1906.7	1970.1	2015.0	2055.1	2063.5
55°	1395.7	1409.6	1453.8	1462.7	1518.5	1529.3	1553.1	1591.7	1617.8	1641.8	1647.8
57.5°	1202.8	1212.8	1222.2	1242.2	1259.4	1284.4	1304.5	1332.3	1348.7	1366.1	1367.5
60°	1050.6	1057.8	1064.5	1078.4	1090.1	1107.5	1121.3	1140.2	1152.0	1165.0	1166.5
62.5°	937.3	942.5	946.9	956.1	964.4	977.8	988.8	1004.5	1015.5	1025.6	1027.8
65°	856.7	860.6	863.4	870.4	877.7	889.0	899.0	911.8	919.9	927.6	929.3
67.5°	785.4	789.0	792.0	798.3	803.4	811.8	818.5	828.1	834.3	840.4	840.6
70°	703.6	707.0	709.3	715.1	719.2	726.5	731.9	740.6	746.9	753.7	755.4
72.5°	647.1	649.0	652.0	657.5	663.1	670.9	678.1	687.2	694.6	701.8	704.8
75°	604.0	606.3	608.3	612.9	616.8	623.4	628.8	637.1	643.7	651.2	655.0
77.5°	541.8	544.6	546.3	550.9	554.3	560.6	564.5	571.9	577.4	584.3	587.7
80°	466.8	469.3	470.5	474.8	477.6	483.4	487.3	494.4	498.9	505.8	509.9
82.5°	383.5	386.0	386.7	390.8	392.2	397.0	399.9	407.2	412.7	421.7	428.0
85°	287.2	288.1	289.4	288.4	294.3	294.6	301.2	302.4	311.1	313.3	323.2
87.5°	175.6	178.2	179.5	183.5	185.2	189.2	190.4	194.7	197.0	201.8	204.2
90°	65.0	68.4	69.1	73.2	73.8	77.4	77.7	81.7	82.4	86.7	87.4
92.5°	3.9	3.9	3.8	4.1	4.1	4.6	4.9	5.0	5.1	5.5	5.6
95°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9
97.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
100°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0
102.5°	6.1	6.1	6.1	6.1	6.1	6.0	6.1	6.0	6.0	6.0	5.8
105°	7.2	7.1	7.2	7.1	7.1	7.1	7.1	7.0	7.0	6.9	6.9
107.5°	8.6	8.5	8.5	8.5	8.5	8.4	8.4	8.3	8.3	8.1	8.1
110°	10.5	10.3	10.3	10.2	10.2	10.2	10.1	9.8	9.8	9.6	9.5



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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°	12.7	12.6	12.5	12.4	12.3	12.0	11.9	11.8	11.7	11.5	11.3
115°	15.3	15.1	15.1	14.9	14.8	14.5	14.3	14.1	13.9	13.5	13.4
117.5°	18.4	18.3	18.1	17.9	17.6	17.3	17.0	16.7	16.3	16.0	15.7
120°	21.9	21.7	21.5	21.0	20.8	20.3	20.1	19.6	19.2	18.6	18.4
122.5°	25.7	25.3	25.1	24.7	24.3	23.8	23.4	22.7	22.4	21.8	21.4
125°	29.8	29.3	29.1	28.6	28.2	27.6	27.1	26.5	25.9	25.2	24.8
127.5°	34.0	33.7	33.3	32.7	32.2	31.6	31.0	30.3	29.8	28.9	28.3
130°	38.4	38.1	37.7	37.1	36.5	35.8	35.1	34.4	33.8	32.9	32.2
132.5°	43.0	42.6	42.2	41.6	41.0	40.1	39.5	38.5	37.9	37.1	36.3
135°	47.5	47.0	46.6	46.0	45.4	44.6	43.8	42.9	42.1	41.2	40.5
137.5°	51.7	51.3	50.9	50.2	49.5	48.6	47.9	47.0	46.2	45.2	44.5
140°	55.8	55.3	54.9	54.2	53.6	52.8	51.9	51.1	50.2	49.2	48.5
142.5°	59.6	59.1	58.6	58.0	57.4	56.5	55.7	54.8	54.0	53.0	52.3
145°	62.9	62.5	62.0	61.5	60.8	59.9	59.2	58.3	57.6	56.7	55.9
147.5°	65.9	65.5	65.1	64.6	64.1	63.2	62.5	61.6	61.0	60.2	59.5
150°	68.6	68.3	68.0	67.5	66.8	66.1	65.4	64.8	64.1	63.3	62.6
152.5°	70.9	70.5	70.2	69.7	69.2	68.4	68.0	67.2	66.6	65.9	65.2
155°	73.6	73.2	72.7	72.3	71.7	71.2	70.6	70.0	69.4	68.7	68.3
157.5°	76.5	76.0	75.7	75.0	74.8	74.1	73.6	73.0	72.4	71.9	71.5
160°	79.8	79.3	78.9	78.3	77.9	77.3	76.8	76.2	75.8	75.2	74.9
162.5°	83.1	82.6	82.2	81.6	81.3	80.6	80.2	79.8	79.3	78.7	78.2
165°	86.4	86.0	85.5	85.1	84.7	84.3	83.9	83.3	82.9	82.3	82.0
167.5°	89.6	89.1	88.8	88.4	88.0	87.7	87.2	86.8	86.5	86.0	85.6
170°	92.1	91.7	91.5	91.3	90.9	90.5	90.3	89.9	89.6	89.2	88.9
172.5°	94.1	93.7	93.6	93.4	93.0	92.9	92.6	92.3	92.1	91.8	91.7
175°	95.5	95.3	95.2	95.0	94.9	94.7	94.6	94.5	94.5	94.2	94.0
177.5°	96.5	96.4	96.4	96.3	96.3	96.2	96.2	96.0	95.9	95.9	95.8
180°	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1



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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°	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5
2.5°	23491.8	23488.9	23485.0	23480.1	23475.8	23470.8	23459.2	23455.7	23459.6	23462.2	23467.5
5°	23547.6	23549.2	23549.9	23560.5	23569.7	23592.7	23772.9	23844.5	23899.9	23935.0	23988.4
7.5°	23715.9	23770.1	23823.6	23895.6	23957.7	24041.7	24356.9	24491.1	24586.4	24655.1	24739.5
10°	24001.1	24119.3	24230.1	24359.9	24471.6	24599.5	24892.8	25023.5	25106.1	25166.1	25222.3
12.5°	24288.4	24452.3	24600.4	24745.0	24865.8	24976.6	25079.8	25125.6	25129.4	25131.4	25101.6
15°	24438.0	24594.7	24725.3	24820.8	24891.8	24923.2	24745.6	24652.4	24534.6	24437.5	24277.9
17.5°	24343.5	24437.5	24493.9	24488.4	24459.1	24360.8	23857.6	23580.8	23306.1	23058.4	22733.8
20°	23923.7	23916.6	23867.5	23728.5	23561.1	23300.7	22438.0	21940.3	21459.0	21036.3	20523.6
22.5°	23142.7	23019.8	22848.5	22548.9	22216.0	21761.2	20524.8	19792.6	19122.7	18530.9	17867.9
25°	22011.1	21758.2	21442.1	20966.5	20449.3	19785.9	18262.0	17351.4	16546.9	15849.4	15084.3
27.5°	20562.8	20181.9	19718.8	19060.5	18359.7	17509.7	15820.3	14815.3	13951.8	13203.8	12389.6
30°	18848.0	18352.7	17754.8	16937.7	16092.5	15128.4	13414.9	12397.0	11523.0	10753.6	9938.7
32.5°	16910.3	16330.2	15629.5	14712.4	13798.3	12807.2	11152.4	10167.1	9332.1	8591.8	7854.4
35°	14773.2	14151.0	13409.7	12474.3	11565.7	10602.1	9083.7	8195.3	7457.9	6803.6	6208.1
37.5°	12480.7	11869.8	11165.2	10283.7	9441.1	8567.9	7257.7	6513.2	5894.4	5351.4	4891.6
40°	10097.1	9562.5	8952.8	8190.7	7471.7	6744.4	5669.0	5078.0	4589.7	4175.5	3831.0
42.5°	7742.7	7328.5	6860.9	6258.6	5708.4	5154.6	4326.9	3889.0	3527.4	3229.2	2985.7
45°	5617.6	5340.5	5026.9	4608.2	4227.5	3841.3	3252.1	2944.4	2708.9	2516.6	2354.0
47.5°	3927.0	3766.2	3756.4	3369.5	3090.3	2854.1	2474.6	2280.2	2136.0	2019.5	1916.6
50°	2757.8	2680.0	2583.4	2445.4	2315.8	2182.3	1951.1	1833.6	1749.0	1678.5	1613.4
52.5°	2061.7	2021.3	1969.9	1896.6	1826.4	1751.3	1604.9	1530.2	1503.6	1437.9	1386.3
55°	1646.7	1623.6	1594.2	1551.2	1508.5	1491.4	1366.0	1310.5	1275.3	1249.4	1221.7
57.5°	1367.8	1350.6	1333.2	1304.0	1279.3	1249.4	1182.8	1154.3	1133.4	1118.1	1099.0
60°	1166.8	1156.4	1146.7	1129.6	1116.2	1100.1	1057.8	1041.7	1030.9	1021.6	1009.4
62.5°	1029.8	1024.5	1019.5	1010.4	1003.6	994.8	965.9	958.2	952.7	948.1	940.7
65°	931.0	927.1	924.3	918.2	914.8	909.8	884.9	879.7	876.3	874.7	870.4
67.5°	841.1	837.1	835.3	831.0	829.6	826.4	806.0	803.2	802.0	802.6	801.0
70°	757.1	755.4	756.3	755.6	757.6	758.1	745.8	745.7	747.0	749.6	749.9
72.5°	706.8	706.8	707.7	708.1	710.0	710.9	700.6	700.1	700.7	702.6	702.7
75°	658.8	659.6	662.2	663.1	665.2	665.7	652.1	650.6	650.7	652.5	651.9
77.5°	592.5	595.4	600.4	602.9	607.1	607.8	592.7	590.9	591.0	592.8	591.2
80°	517.3	522.7	530.7	536.1	542.5	545.1	529.5	525.8	522.3	521.8	518.6
82.5°	437.4	444.1	453.5	458.4	465.3	466.9	440.8	435.8	432.8	433.1	430.2
85°	333.9	338.9	347.5	350.3	354.6	354.2	324.4	311.5	314.9	309.7	313.9
87.5°	209.4	212.4	217.8	218.4	220.5	220.0	190.0	184.1	182.3	182.4	180.3
90°	91.4	92.5	96.3	95.5	97.8	96.5	71.4	67.7	66.3	68.3	65.9
92.5°	6.0	6.0	6.2	6.3	6.6	6.8	4.2	3.5	3.7	3.6	3.9
95°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.8
97.5°	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.2	4.2
100°	5.0	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.7	4.7
102.5°	5.7	5.7	5.6	5.5	5.4	5.4	5.5	5.5	5.4	5.3	5.2
105°	6.8	6.7	6.6	6.3	6.2	6.1	6.3	6.2	6.1	6.1	6.0
107.5°	7.9	7.8	7.6	7.4	7.3	7.1	7.4	7.3	7.1	6.9	6.8
110°	9.4	9.1	8.9	8.6	8.4	8.3	8.6	8.4	8.3	8.0	7.8



TEST NUMBER: P1444673
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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°	11.0	10.8	10.5	10.2	9.8	9.5	10.1	10.0	9.6	9.2	9.0
115°	12.9	12.7	12.3	11.9	11.7	11.2	11.8	11.7	11.3	10.9	10.5
117.5°	15.2	14.9	14.5	14.1	13.5	13.1	14.0	13.7	13.2	12.7	12.3
120°	17.9	17.5	16.9	16.5	15.9	15.3	16.3	16.1	15.6	15.0	14.5
122.5°	20.9	20.3	19.7	19.2	18.5	18.0	19.1	18.9	18.3	17.6	17.0
125°	24.1	23.5	22.9	22.3	21.6	20.9	22.3	21.9	21.4	20.7	20.1
127.5°	27.7	27.1	26.4	25.8	25.0	24.3	25.7	25.4	24.8	24.1	23.3
130°	31.5	30.8	30.0	29.3	28.6	28.0	29.4	29.2	28.5	27.7	27.0
132.5°	35.5	34.8	34.0	33.3	32.5	31.7	33.4	33.2	32.6	31.7	31.1
135°	39.6	38.9	38.1	37.3	36.5	35.9	37.8	37.6	37.0	36.1	35.4
137.5°	43.6	42.9	42.1	41.5	40.7	40.0	42.2	42.1	41.5	40.6	40.0
140°	47.8	47.0	46.3	45.6	44.9	44.4	46.6	46.6	46.1	45.4	44.7
142.5°	51.5	50.9	50.2	49.6	48.9	48.4	51.1	51.2	50.6	49.9	49.4
145°	55.1	54.6	53.9	53.4	52.8	52.3	55.3	55.5	55.1	54.5	54.0
147.5°	58.6	58.2	57.6	57.0	56.5	56.2	59.5	59.9	59.5	59.0	58.5
150°	61.9	61.5	60.9	60.4	60.1	59.7	63.6	64.3	63.9	63.5	63.1
152.5°	64.7	64.2	63.6	63.2	62.7	62.5	67.5	68.4	68.2	67.7	67.5
155°	67.7	67.2	66.7	66.3	65.9	65.7	71.5	72.4	72.2	71.9	71.6
157.5°	70.9	70.4	69.9	69.5	69.2	68.8	75.0	76.5	76.1	75.8	75.6
160°	74.3	73.9	73.3	73.0	72.5	72.2	78.8	80.1	79.9	79.6	79.3
162.5°	77.8	77.5	77.0	76.5	76.1	75.8	82.3	83.9	83.5	83.2	83.0
165°	81.6	81.2	80.7	80.5	80.0	79.8	86.0	87.3	87.2	86.8	86.5
167.5°	85.2	84.9	84.6	84.3	83.9	83.8	89.6	90.8	90.6	90.3	90.1
170°	88.6	88.4	88.1	88.0	87.8	87.7	92.5	93.6	93.5	93.1	92.9
172.5°	91.5	91.4	91.3	91.1	90.9	90.8	94.9	95.8	95.7	95.5	95.3
175°	93.9	93.7	93.7	93.7	93.6	93.5	96.7	97.4	97.3	97.1	97.0
177.5°	95.8	95.7	95.7	95.7	95.7	95.7	97.7	98.1	98.0	98.0	97.9
180°	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1



TEST NUMBER: P1444673
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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5
2.5°	23468.8	23477.1	23478.2	23487.8	23487.1	23498.5	23496.8	23506.1	23500.6	23508.3	23501.8
5°	24020.0	24070.0	24096.1	24144.9	24160.3	24204.0	24216.4	24256.2	24257.8	24289.4	24282.2
7.5°	24799.3	24872.9	24916.7	24977.0	25007.6	25057.9	25080.0	25117.1	25129.1	25158.6	25160.9
10°	25264.7	25300.4	25325.5	25342.3	25357.6	25364.9	25373.2	25371.0	25373.2	25369.9	25377.2
12.5°	25081.6	25029.4	24994.9	24929.4	24891.5	24819.2	24783.7	24714.1	24688.9	24629.2	24620.6
15°	24154.6	23972.5	23843.9	23656.8	23539.2	23355.1	23247.4	23081.3	23005.5	22873.5	22838.8
17.5°	22464.9	22127.0	21865.3	21529.8	21297.0	20983.4	20786.2	20526.6	20384.5	20175.1	20102.7
20°	20096.2	19596.1	19203.7	18736.3	18401.8	17985.0	17718.3	17381.8	17186.3	16929.2	16825.1
22.5°	17315.1	16692.4	16202.4	15650.2	15246.7	14782.2	14462.6	14098.4	13885.9	13606.6	13482.9
25°	14448.6	13762.0	13217.2	12635.5	12209.1	11743.4	11423.7	11066.1	10846.1	10580.9	10458.1
27.5°	11707.1	11012.1	10485.6	9944.7	9553.5	9133.5	8845.0	8532.7	8337.5	8111.1	7995.6
30°	9287.8	8674.8	8226.7	7777.9	7452.5	7111.3	6871.6	6612.8	6441.5	6247.7	6137.5
32.5°	7316.7	6843.4	6492.7	6136.5	5870.2	5585.0	5377.8	5149.5	4994.9	4821.9	4722.1
35°	5794.7	5427.0	5147.2	4854.0	4625.2	4382.4	4199.9	4002.7	3864.1	3715.1	3628.9
37.5°	4578.4	4286.0	4055.8	3812.2	3624.4	3423.1	3355.4	3129.2	2985.5	2866.5	2784.2
40°	3593.2	3360.7	3170.1	2983.9	2830.6	2678.1	2555.6	2434.8	2342.0	2256.9	2198.1
42.5°	2806.0	2637.5	2498.4	2362.0	2250.1	2139.0	2050.2	1967.0	1904.5	1848.9	1811.0
45°	2230.6	2114.8	2018.1	1922.0	1843.1	1768.9	1709.2	1656.1	1615.7	1582.3	1558.6
47.5°	1832.5	1753.2	1685.0	1620.2	1566.6	1518.0	1478.0	1464.9	1421.5	1392.3	1381.2
50°	1557.4	1509.5	1457.6	1409.9	1374.0	1338.5	1312.6	1287.2	1270.9	1257.4	1253.4
52.5°	1352.0	1315.4	1286.6	1256.3	1232.7	1207.4	1189.5	1172.6	1163.6	1156.6	1155.7
55°	1199.4	1173.8	1154.6	1134.3	1120.3	1105.4	1096.1	1087.2	1083.3	1079.7	1080.0
57.5°	1083.9	1066.8	1054.3	1041.1	1033.5	1026.4	1024.1	1021.8	1023.0	1023.6	1025.5
60°	999.7	988.5	980.8	973.2	970.0	967.7	969.5	971.4	975.5	978.8	981.8
62.5°	935.2	928.8	925.0	921.0	920.6	920.8	924.3	927.6	932.8	936.6	939.4
65°	868.8	865.1	864.0	861.3	862.6	863.4	867.6	870.2	875.3	878.3	882.0
67.5°	801.7	800.9	801.6	801.6	804.0	805.9	810.0	812.9	817.3	820.0	823.0
70°	752.1	752.5	754.3	754.6	757.2	758.5	762.0	764.0	767.8	770.2	773.8
72.5°	704.0	703.2	703.6	702.5	703.4	703.0	704.9	705.9	709.2	711.0	715.3
75°	652.7	650.5	650.0	647.7	647.8	646.1	646.9	646.8	648.9	649.8	652.9
77.5°	590.7	587.1	585.3	581.4	581.3	579.9	581.4	582.4	586.2	588.0	591.5
80°	516.6	510.9	508.2	503.8	504.6	504.3	508.0	511.0	515.6	516.5	521.0
82.5°	429.4	423.6	420.8	416.3	417.4	417.5	421.0	421.5	425.6	427.4	432.6
85°	307.4	309.7	303.5	304.0	302.6	305.0	307.4	310.4	313.8	319.4	323.8
87.5°	181.1	180.3	182.4	182.7	185.8	187.5	192.5	195.3	201.0	205.4	213.4
90°	66.8	64.7	67.1	66.8	70.6	70.4	73.7	72.8	76.7	77.6	82.4
92.5°	3.6	3.8	3.6	3.7	3.6	3.9	3.6	3.8	3.6	3.9	3.6
95°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
97.5°	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
100°	4.6	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
102.5°	5.2	5.1	5.1	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
105°	5.8	5.7	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.3	5.3
107.5°	6.6	6.4	6.3	6.2	6.1	6.1	6.0	6.0	5.8	5.8	5.8
110°	7.5	7.3	7.2	7.0	6.9	6.8	6.6	6.6	6.4	6.3	6.3



TEST NUMBER: P1444673
 CATALOG NUMBER: EHBR1-30-UNV-TA-L930

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	8.6	8.4	8.1	7.9	7.8	7.5	7.4	7.3	7.2	7.1	7.0
115°	10.1	9.7	9.4	9.1	8.8	8.5	8.3	8.3	8.0	7.9	7.8
117.5°	11.8	11.4	10.9	10.5	10.2	9.8	9.5	9.2	9.0	8.9	8.8
120°	13.9	13.4	12.7	12.3	11.8	11.4	11.0	10.7	10.3	10.2	10.1
122.5°	16.3	15.7	15.0	14.5	13.9	13.4	12.8	12.5	12.0	11.8	11.7
125°	19.2	18.4	17.8	17.0	16.3	15.8	15.1	14.7	14.3	14.0	13.5
127.5°	22.5	21.7	20.9	20.1	19.2	18.6	18.0	17.5	16.8	16.4	16.0
130°	26.1	25.3	24.4	23.7	22.7	22.0	21.4	20.8	20.1	19.6	19.1
132.5°	30.2	29.4	28.5	27.7	26.8	26.0	25.2	24.6	23.8	23.3	22.7
135°	34.6	33.9	32.9	32.1	31.2	30.5	29.7	28.9	28.2	27.6	27.0
137.5°	39.2	38.4	37.7	37.0	36.0	35.3	34.4	33.8	32.9	32.4	31.7
140°	43.9	43.3	42.4	41.7	41.0	40.4	39.5	38.9	38.1	37.6	37.0
142.5°	48.6	48.0	47.3	46.7	46.0	45.4	44.6	44.0	43.3	42.8	42.2
145°	53.4	52.8	52.2	51.6	51.1	50.5	49.7	49.2	48.6	48.1	47.7
147.5°	58.1	57.6	57.0	56.5	55.9	55.3	54.8	54.4	53.7	53.4	52.8
150°	62.6	62.1	61.6	61.3	60.7	60.2	59.7	59.3	58.7	58.5	58.0
152.5°	66.9	66.6	66.1	65.8	65.2	64.9	64.4	64.1	63.6	63.3	62.7
155°	71.2	70.8	70.4	70.0	69.5	69.2	68.8	68.4	68.1	67.7	67.3
157.5°	75.2	74.9	74.5	74.2	73.7	73.3	73.0	72.6	72.2	71.9	71.6
160°	79.0	78.7	78.2	78.0	77.6	77.3	76.8	76.5	76.1	75.8	75.4
162.5°	82.6	82.3	82.0	81.6	81.3	81.0	80.6	80.2	79.8	79.5	79.0
165°	86.2	85.8	85.5	85.1	84.9	84.6	84.1	83.9	83.4	83.1	82.7
167.5°	89.7	89.5	89.1	88.8	88.4	88.1	87.9	87.5	87.2	86.8	86.4
170°	92.8	92.4	92.2	91.9	91.6	91.3	91.1	90.7	90.4	90.2	89.7
172.5°	95.1	95.0	94.8	94.6	94.3	94.1	93.9	93.7	93.4	93.1	92.9
175°	96.9	96.8	96.7	96.4	96.3	96.2	96.0	95.9	95.7	95.6	95.4
177.5°	97.9	97.8	97.8	97.7	97.6	97.6	97.5	97.5	97.4	97.3	97.3
180°	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1



TEST NUMBER: P1444673
 CATALOG NUMBER: EHBR1-30-UNV-TA-L930

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5
2.5°	23508.6	23502.6	23505.5	23494.4	23497.1	23483.8	23482.6	23467.5	23466.1	23451.9	23446.7
5°	24304.6	24291.5	24306.3	24283.3	24287.7	24257.8	24255.3	24216.6	24203.3	24154.8	24133.8
7.5°	25179.3	25174.4	25183.4	25164.2	25163.5	25136.8	25125.8	25091.1	25069.5	25018.7	24986.2
10°	25371.0	25375.5	25368.1	25369.9	25359.5	25356.7	25346.0	25339.2	25321.8	25308.6	25289.2
12.5°	24575.2	24579.9	24549.6	24568.9	24553.6	24589.2	24586.4	24628.1	24634.6	24687.5	24707.5
15°	22736.0	22730.3	22672.0	22708.7	22689.0	22767.0	22784.4	22889.3	22945.3	23080.0	23162.7
17.5°	19957.6	19942.6	19860.6	19905.3	19882.6	19997.4	20036.0	20203.6	20308.3	20525.2	20679.7
20°	16645.7	16616.9	16520.9	16573.2	16549.8	16680.3	16735.4	16938.1	17072.9	17360.2	17564.6
22.5°	13292.5	13247.1	13153.1	13202.0	13179.9	13315.0	13386.7	13590.1	13744.6	14039.5	14278.0
25°	10281.4	10241.0	10150.2	10184.3	10176.1	10290.5	10354.1	10546.5	10698.3	10979.3	11207.0
27.5°	7841.9	7799.8	7717.7	7742.0	7733.6	7831.1	7891.1	8051.8	8182.4	8418.9	8618.8
30°	6001.8	5951.0	5881.4	5894.8	5889.1	5968.0	6024.1	6159.5	6271.4	6471.3	6643.5
32.5°	4600.4	4549.4	4485.4	4491.6	4483.2	4545.2	4591.4	4709.0	4806.6	4976.6	5126.5
35°	3519.9	3579.5	3442.9	3529.4	3439.4	3571.7	3524.1	3597.6	3681.6	3824.8	3949.8
37.5°	2706.0	2664.4	2629.3	2625.6	2625.4	2656.0	2692.2	2763.0	2836.9	2943.6	3053.8
40°	2144.3	2115.2	2092.5	2090.8	2092.5	2114.2	2141.0	2190.0	2244.1	2320.7	2401.7
42.5°	1778.5	1759.2	1745.5	1744.5	1748.9	1764.3	1782.9	1812.0	1847.2	1896.9	1952.4
45°	1539.4	1528.6	1520.9	1520.6	1522.5	1530.5	1541.2	1559.4	1581.7	1612.7	1647.8
47.5°	1371.5	1368.9	1364.1	1364.2	1362.1	1365.4	1366.7	1376.8	1388.7	1412.0	1457.9
50°	1249.3	1249.3	1246.0	1245.8	1242.7	1242.5	1239.9	1243.9	1249.5	1264.0	1278.6
52.5°	1152.7	1152.3	1148.8	1148.1	1144.8	1144.6	1142.4	1144.0	1144.7	1152.0	1160.8
55°	1077.2	1074.9	1070.3	1068.7	1067.5	1069.4	1068.5	1068.6	1067.6	1070.7	1073.3
57.5°	1023.0	1020.1	1015.6	1014.3	1014.0	1016.3	1016.3	1015.5	1011.4	1008.7	1004.8
60°	980.2	977.2	972.4	971.2	971.9	975.0	974.8	972.2	966.2	960.9	954.7
62.5°	938.0	936.9	934.4	934.1	933.5	934.0	931.8	929.0	923.0	917.4	910.7
65°	881.5	882.1	880.4	880.6	878.4	878.0	874.7	872.1	866.0	860.9	854.1
67.5°	822.9	823.3	821.8	821.8	820.7	820.9	818.9	816.4	811.2	807.1	801.8
70°	774.5	775.7	774.8	775.1	773.8	773.2	770.1	767.7	762.4	758.9	754.2
72.5°	716.7	719.2	719.1	719.8	717.7	716.7	712.9	709.9	705.1	702.3	698.5
75°	654.2	657.6	658.5	660.0	657.0	655.4	651.3	648.9	645.0	643.4	640.9
77.5°	593.1	596.9	600.4	603.7	598.9	594.7	589.6	585.7	580.1	577.9	574.1
80°	524.6	531.3	539.1	545.7	537.2	528.4	520.1	513.8	506.4	503.4	498.5
82.5°	435.2	442.0	446.5	450.8	444.8	438.4	430.3	424.8	416.9	413.9	408.2
85°	330.7	339.1	341.8	344.1	340.2	336.9	329.2	318.8	313.9	305.9	301.8
87.5°	217.5	222.5	223.5	224.3	221.9	220.3	215.3	210.5	201.8	195.6	188.0
90°	82.4	86.0	84.3	85.7	82.6	82.8	77.7	75.9	68.7	65.9	59.5
92.5°	3.7	3.5	3.6	3.5	3.9	3.6	3.9	3.6	3.8	3.6	3.8
95°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
97.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.2
100°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
102.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
105°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.4	5.4
107.5°	5.7	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.8	5.8	6.0
110°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.4	6.4	6.6



TEST NUMBER: P1444673
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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°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.1	7.2	7.2
115°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.9	7.9	8.1
117.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.8	8.9	9.1
120°	10.0	9.7	9.7	9.7	9.7	9.7	9.8	9.8	10.1	10.2	10.5
122.5°	11.5	11.3	11.3	11.2	11.2	11.2	11.3	11.4	11.7	11.8	12.0
125°	13.5	13.2	13.1	13.0	13.0	13.0	13.1	13.4	13.5	13.7	14.2
127.5°	15.8	15.6	15.3	15.2	15.2	15.2	15.5	15.6	15.9	16.2	16.7
130°	18.7	18.4	18.4	18.2	18.2	18.2	18.4	18.5	18.9	19.2	19.7
132.5°	22.5	22.0	21.8	21.7	21.7	21.7	21.8	22.0	22.5	22.7	23.4
135°	26.6	26.3	26.0	25.8	25.8	25.8	25.9	26.1	26.6	27.0	27.5
137.5°	31.5	31.0	30.8	30.5	30.5	30.5	30.7	30.8	31.2	31.6	32.2
140°	36.5	36.1	35.9	35.6	35.6	35.5	35.6	35.8	36.2	36.6	37.2
142.5°	41.8	41.3	41.2	41.0	40.8	40.8	41.1	41.2	41.5	41.7	42.2
145°	47.2	46.8	46.6	46.3	46.3	46.3	46.3	46.5	46.8	47.0	47.5
147.5°	52.5	52.1	52.0	51.7	51.7	51.6	51.7	51.7	52.0	52.1	52.5
150°	57.8	57.4	57.1	56.9	56.9	56.8	56.9	56.8	56.9	57.0	57.4
152.5°	62.6	62.1	62.0	61.8	61.6	61.6	61.6	61.5	61.6	61.6	61.8
155°	67.1	66.8	66.6	66.3	66.1	65.9	65.9	65.8	65.9	65.8	65.9
157.5°	71.4	71.0	70.8	70.5	70.3	70.0	70.0	69.8	69.8	69.5	69.5
160°	75.2	74.9	74.6	74.3	74.1	73.8	73.7	73.3	73.3	73.1	73.0
162.5°	78.8	78.4	78.2	77.9	77.7	77.4	77.2	76.8	76.6	76.5	76.4
165°	82.3	82.0	81.7	81.4	81.2	80.9	80.6	80.4	80.2	79.9	79.8
167.5°	86.2	85.7	85.5	85.1	84.9	84.7	84.6	84.3	84.1	83.9	83.9
170°	89.6	89.2	89.0	88.8	88.6	88.3	88.2	88.0	88.0	87.9	87.9
172.5°	92.8	92.5	92.3	92.1	92.0	91.8	91.7	91.6	91.5	91.5	91.4
175°	95.3	95.1	95.0	94.9	94.8	94.8	94.7	94.7	94.7	94.6	94.6
177.5°	97.1	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	96.9	96.8
180°	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1



TEST NUMBER: P1444673
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CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5
2.5°	23431.4	23425.3	23409.1	23401.0	23386.1	23378.5	23366.8	23359.3	23349.8	23342.8	23339.1
5°	24080.6	24050.7	23990.6	23953.6	23888.9	23846.2	23781.7	23734.5	23668.0	23619.0	23556.2
7.5°	24925.3	24879.4	24802.5	24744.1	24653.4	24584.0	24482.3	24400.8	24288.4	24195.0	24080.1
10°	25269.2	25242.4	25207.8	25170.3	25120.1	25070.8	25001.3	24930.4	24836.1	24742.1	24619.4
12.5°	24760.9	24786.2	24836.1	24859.3	24897.4	24910.3	24927.7	24919.6	24904.1	24865.8	24810.1
15°	23321.5	23427.0	23593.6	23708.8	23870.3	23983.8	24133.8	24230.4	24341.7	24408.2	24471.4
17.5°	20953.6	21157.6	21451.7	21686.2	22001.2	22257.3	22571.0	22817.5	23102.1	23320.5	23552.9
20°	17920.8	18206.4	18612.3	18957.1	19413.5	19800.4	20296.2	20711.5	21195.9	21599.8	22035.6
22.5°	14656.7	14992.6	15457.7	15873.5	16418.5	16905.3	17526.4	18075.5	18730.5	19317.1	19966.2
25°	11577.2	11906.5	12380.3	12810.9	13399.2	13935.4	14614.0	15243.9	16004.0	16712.7	17526.4
27.5°	8936.5	9229.0	9645.5	10033.1	10571.9	11098.2	11786.9	12458.8	13269.7	14031.3	14908.2
30°	6901.5	7138.8	7472.6	7784.3	8216.8	8647.3	9260.8	9882.0	10689.0	11478.3	12377.3
32.5°	5348.4	5550.8	5829.4	6082.5	6415.8	6740.3	7192.1	7688.6	8396.4	9152.4	10021.7
35°	4140.3	4313.4	4550.5	4768.5	5042.6	5300.3	5637.4	5991.8	6532.0	7167.9	7945.8
37.5°	3300.9	3371.4	3540.7	3719.3	3946.9	4158.7	4422.4	4684.5	5070.9	5572.7	6208.1
40°	2510.3	2622.4	2760.0	2900.7	3073.1	3242.9	3532.3	3671.6	3926.0	4286.2	4779.4
42.5°	2025.5	2104.2	2201.2	2299.1	2419.2	2537.4	2683.8	2832.8	3023.0	3267.0	3617.8
45°	1694.9	1746.4	1808.8	1874.0	1952.9	2033.6	2131.6	2233.9	2362.9	2512.8	2725.9
47.5°	1474.1	1502.5	1543.4	1587.8	1641.9	1697.8	1761.5	1826.7	1906.9	1995.8	2117.1
50°	1301.8	1325.5	1357.2	1387.0	1424.2	1481.5	1506.8	1542.8	1591.0	1643.3	1711.2
52.5°	1177.1	1192.9	1212.8	1229.9	1253.5	1274.9	1303.0	1327.8	1361.1	1392.6	1436.4
55°	1080.0	1085.7	1097.0	1108.0	1124.3	1139.0	1158.2	1174.4	1195.7	1214.5	1242.2
57.5°	1004.9	1005.5	1010.7	1016.4	1026.9	1036.1	1049.4	1060.1	1074.8	1086.8	1103.4
60°	951.0	948.2	949.2	951.2	957.2	963.1	971.6	978.6	987.8	994.6	1004.0
62.5°	906.2	901.7	900.7	900.1	903.1	905.2	909.9	913.2	918.5	921.4	926.4
65°	849.5	844.3	842.1	839.7	840.6	839.9	841.6	841.7	844.4	845.0	847.8
67.5°	798.1	793.7	791.1	787.8	786.3	783.9	782.9	780.6	780.3	778.3	777.9
70°	751.2	747.0	744.6	741.6	740.1	737.0	735.0	731.2	729.0	725.4	723.4
72.5°	697.0	694.6	693.9	691.8	691.3	689.6	688.8	686.1	684.5	681.5	679.8
75°	640.4	638.3	638.1	636.1	635.9	633.9	633.3	630.5	629.0	625.9	624.6
77.5°	572.8	569.9	569.0	566.6	567.2	566.1	567.0	564.8	563.9	560.9	559.9
80°	496.8	493.0	491.4	488.2	489.1	487.6	489.1	488.9	490.0	487.6	487.2
82.5°	406.7	402.5	401.7	399.5	401.0	401.2	404.4	402.6	403.3	401.1	402.0
85°	295.9	292.8	288.5	287.9	285.1	288.0	284.3	286.8	282.7	285.5	281.7
87.5°	183.5	177.1	173.7	169.0	167.4	162.9	161.1	157.9	158.8	157.4	158.2
90°	58.0	52.2	50.5	45.4	44.6	40.1	40.0	36.7	37.1	33.7	34.3
92.5°	3.6	3.6	3.5	3.7	3.6	3.6	3.5	3.7	3.6	3.7	3.6
95°	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9
97.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.4	4.4	4.4	4.4
100°	4.5	4.6	4.6	4.6	4.6	4.7	4.7	4.7	4.9	4.9	4.9
102.5°	5.0	5.0	5.0	5.1	5.1	5.1	5.2	5.3	5.3	5.4	5.5
105°	5.4	5.5	5.5	5.6	5.6	5.7	5.8	6.0	6.1	6.1	6.2
107.5°	6.0	6.1	6.1	6.2	6.2	6.4	6.6	6.7	6.8	7.0	7.2
110°	6.6	6.7	6.8	7.0	7.1	7.2	7.4	7.6	7.8	8.0	8.3



TEST NUMBER: P1444673
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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°	7.3	7.5	7.6	7.8	8.0	8.3	8.4	8.6	9.0	9.4	9.6
115°	8.3	8.4	8.5	8.8	9.0	9.4	9.6	10.1	10.5	10.9	11.3
117.5°	9.2	9.5	9.7	10.1	10.3	10.9	11.2	11.7	12.2	12.7	13.1
120°	10.7	11.0	11.3	11.7	12.0	12.6	13.1	13.6	14.3	14.9	15.3
122.5°	12.3	12.7	13.1	13.6	14.2	14.8	15.3	16.1	16.8	17.5	18.1
125°	14.5	15.0	15.5	16.1	16.8	17.5	18.1	18.9	19.6	20.4	21.2
127.5°	17.0	17.6	18.3	18.9	19.6	20.4	21.2	22.0	22.7	23.7	24.4
130°	20.2	20.9	21.5	22.3	23.0	23.9	24.8	25.7	26.4	27.3	28.1
132.5°	23.9	24.7	25.2	26.1	26.9	27.8	28.6	29.5	30.4	31.4	32.0
135°	28.2	28.8	29.5	30.4	31.2	32.1	32.9	33.9	34.6	35.5	36.2
137.5°	32.7	33.4	34.2	34.9	35.6	36.6	37.4	38.3	38.9	39.8	40.5
140°	37.7	38.3	38.9	39.8	40.5	41.3	41.9	42.8	43.4	44.3	44.9
142.5°	42.7	43.4	43.8	44.6	45.1	46.0	46.6	47.3	47.9	48.4	48.9
145°	47.9	48.4	48.8	49.5	50.0	50.6	51.1	51.6	52.0	52.5	52.9
147.5°	52.8	53.3	53.6	54.1	54.5	54.9	55.3	55.7	56.0	56.4	56.8
150°	57.6	57.9	58.1	58.5	58.6	59.0	59.2	59.5	59.7	60.1	60.2
152.5°	61.8	62.0	62.0	62.4	62.5	62.6	62.7	63.0	63.1	63.3	63.5
155°	65.8	65.9	65.9	65.9	65.9	66.0	66.0	66.3	66.4	66.5	66.7
157.5°	69.4	69.3	69.3	69.3	69.2	69.3	69.3	69.4	69.5	69.8	70.0
160°	72.7	72.6	72.5	72.5	72.5	72.5	72.5	72.7	72.8	73.2	73.3
162.5°	76.1	76.0	75.9	75.9	75.9	76.0	76.1	76.4	76.5	76.7	77.0
165°	79.8	79.8	79.6	79.8	79.8	79.8	79.9	80.1	80.4	80.6	80.9
167.5°	83.9	83.9	83.9	83.9	83.9	84.0	84.1	84.5	84.6	84.9	84.9
170°	87.8	87.9	87.8	87.9	87.9	88.0	88.0	88.1	88.2	88.4	88.5
172.5°	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.6	91.6	91.7	91.7
175°	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.3	94.3	94.3	94.3
177.5°	96.7	96.5	96.4	96.4	96.3	96.2	96.2	96.2	96.2	96.2	96.0
180°	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1



TEST NUMBER: P1444673
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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°	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5
2.5°	23334.4	23334.1	23331.9	23333.0	23333.4	23335.0	23337.1	23339.1	23339.6	23341.2	23341.5
5°	23509.1	23451.3	23408.6	23361.7	23326.4	23294.6	23273.4	23256.6	23250.1	23251.7	23255.6
7.5°	23982.6	23863.5	23765.1	23653.3	23560.1	23461.4	23379.6	23301.8	23245.1	23202.9	23179.2
10°	24502.2	24357.1	24218.2	24056.5	23903.0	23739.2	23590.9	23441.5	23317.0	23208.8	23129.4
12.5°	24732.9	24630.2	24510.2	24357.5	24193.4	24004.4	23813.6	23609.0	23418.7	23242.1	23099.7
15°	24488.7	24488.9	24445.1	24371.9	24257.8	24106.7	23924.9	23711.7	23487.2	23258.2	23049.0
17.5°	23713.7	23859.9	23941.2	23992.7	23976.8	23921.2	23805.5	23641.7	23432.5	23188.5	22933.2
20°	22382.7	22727.6	22973.5	23194.6	23318.5	23400.9	23392.7	23326.0	23177.0	22969.6	22703.6
22.5°	20518.2	21097.1	21553.9	21979.9	22278.6	22521.6	22637.2	22686.2	22618.6	22474.2	22224.5
25°	18253.7	19040.7	19712.4	20364.3	20853.3	21273.5	21526.1	21704.1	21718.2	21642.7	21419.9
27.5°	15737.3	16666.4	17516.5	18382.9	19070.6	19674.7	20071.0	20361.2	20453.3	20441.2	20238.9
30°	13224.1	14199.5	15136.6	16146.8	16997.8	17769.6	18293.2	18685.6	18836.8	18865.8	18671.1
32.5°	10850.7	11812.6	12747.0	13803.2	14739.6	15624.2	16242.8	16708.9	16884.8	16926.1	16712.7
35°	8696.7	9584.1	10472.1	11495.8	12426.8	13342.8	13994.6	14482.6	14646.9	14674.5	14427.5
37.5°	6828.8	7584.8	8358.7	9277.1	10132.1	10992.4	11611.7	12070.3	12189.9	12182.5	11902.9
40°	5256.0	5843.8	6465.6	7221.7	7932.5	8659.7	9182.7	9561.8	9624.7	9578.1	9284.4
42.5°	3952.2	4376.7	4827.6	5391.9	5919.4	6463.6	6844.1	7125.6	7134.5	7060.9	6797.3
45°	2944.4	3358.6	3547.6	3888.8	4228.5	4590.5	4822.8	4996.7	4969.8	4905.0	4704.7
47.5°	2244.6	2403.8	2572.6	2784.2	2982.1	3392.7	3362.4	3641.6	3440.4	3577.6	3275.7
50°	1782.5	1871.4	1962.4	2074.7	2178.0	2285.4	2352.5	2402.6	2396.1	2374.5	2316.7
52.5°	1516.5	1543.9	1588.7	1652.6	1710.4	1768.4	1806.6	1837.6	1838.2	1829.6	1800.3
55°	1267.4	1302.3	1334.5	1376.3	1447.3	1458.3	1513.1	1501.9	1506.3	1491.1	1506.6
57.5°	1117.5	1137.7	1155.9	1180.8	1201.3	1225.2	1239.4	1253.0	1251.7	1248.8	1233.9
60°	1011.2	1022.4	1032.5	1047.0	1058.2	1071.8	1078.3	1085.2	1083.0	1077.9	1064.6
62.5°	929.3	936.3	942.0	951.4	958.2	966.7	970.1	973.0	970.1	965.3	953.6
65°	848.5	853.0	856.7	863.7	868.5	875.7	878.6	881.3	878.7	874.9	866.0
67.5°	775.6	776.0	775.6	778.5	780.0	784.4	785.6	787.7	784.5	781.3	773.8
70°	720.3	719.1	717.8	718.9	719.1	721.2	721.6	721.2	717.5	711.9	703.7
72.5°	677.1	676.5	675.4	676.4	676.4	678.2	677.7	676.7	672.1	666.8	658.6
75°	621.5	621.1	619.0	619.1	617.4	617.9	615.7	614.4	609.3	604.7	597.5
77.5°	556.5	555.4	552.4	551.3	548.0	546.6	542.3	540.3	535.0	531.4	525.1
80°	484.0	482.8	478.9	476.8	471.5	468.2	462.0	458.4	452.4	448.9	442.8
82.5°	400.0	400.5	396.6	393.9	386.4	380.7	372.3	367.9	361.3	357.8	351.5
85°	284.5	280.4	282.6	282.4	277.8	272.8	266.0	261.3	255.7	252.4	248.0
87.5°	156.0	157.0	155.9	154.9	151.6	149.1	143.8	141.1	137.0	134.9	131.6
90°	30.9	31.5	28.3	29.1	26.0	25.3	21.7	21.6	18.3	17.9	15.2
92.5°	3.6	3.6	3.7	3.6	3.7	3.7	3.7	3.7	3.7	3.6	3.7
95°	3.9	4.0	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1
97.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.6	4.6	4.6	4.6
100°	5.0	5.0	5.0	5.0	5.1	5.1	5.2	5.2	5.3	5.3	5.3
102.5°	5.5	5.6	5.7	5.8	6.0	6.0	6.1	6.1	6.1	6.1	6.1
105°	6.3	6.4	6.7	6.8	6.9	7.0	7.1	7.1	7.2	7.3	7.3
107.5°	7.4	7.5	7.8	7.9	8.0	8.3	8.3	8.4	8.5	8.6	8.6
110°	8.5	8.6	9.0	9.2	9.4	9.6	9.8	10.0	10.2	10.2	10.5



TEST NUMBER: P1444673
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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°	10.0	10.2	10.7	10.9	11.2	11.4	11.7	11.9	12.0	12.3	12.5
115°	11.7	12.0	12.5	12.8	13.2	13.5	13.9	14.1	14.3	14.6	14.9
117.5°	13.7	14.2	14.7	15.1	15.5	15.9	16.3	16.7	17.0	17.4	17.6
120°	16.1	16.7	17.1	17.6	18.2	18.6	19.1	19.5	19.9	20.3	20.8
122.5°	18.7	19.3	20.1	20.5	21.2	21.7	22.3	22.6	23.2	23.7	24.2
125°	21.8	22.5	23.2	23.8	24.4	25.0	25.7	26.1	26.8	27.3	28.0
127.5°	25.2	25.8	26.6	27.3	28.1	28.6	29.3	29.9	30.6	31.2	31.9
130°	28.9	29.5	30.4	31.0	31.7	32.4	33.2	33.9	34.6	35.3	36.1
132.5°	32.8	33.6	34.4	34.9	35.8	36.4	37.2	38.0	38.8	39.5	40.4
135°	37.1	37.7	38.4	39.0	39.9	40.5	41.3	42.1	43.0	43.8	44.6
137.5°	41.3	41.8	42.6	43.2	44.0	44.6	45.4	46.2	47.1	47.9	48.8
140°	45.4	46.1	46.7	47.3	48.0	48.6	49.5	50.2	51.1	51.8	52.8
142.5°	49.5	50.0	50.6	51.2	51.8	52.3	53.1	53.9	54.7	55.5	56.4
145°	53.5	53.9	54.4	54.9	55.3	56.0	56.8	57.5	58.3	59.0	59.9
147.5°	57.1	57.5	58.0	58.4	58.9	59.3	60.2	60.8	61.6	62.3	63.1
150°	60.7	61.0	61.3	61.6	62.1	62.6	63.3	63.9	64.8	65.4	66.1
152.5°	63.8	64.1	64.4	64.9	65.2	65.8	66.4	67.0	67.7	68.3	69.1
155°	67.0	67.2	67.6	68.1	68.5	68.9	69.5	70.0	70.7	71.4	71.9
157.5°	70.3	70.5	70.9	71.4	71.7	72.2	72.8	73.3	73.9	74.4	74.9
160°	73.7	74.0	74.4	74.9	75.2	75.7	76.2	76.6	77.2	77.7	78.2
162.5°	77.4	77.7	78.2	78.3	78.9	79.3	79.8	80.2	80.7	81.2	81.6
165°	81.3	81.6	82.0	82.3	82.7	83.0	83.5	83.9	84.4	84.7	85.1
167.5°	85.4	85.5	85.8	86.1	86.5	86.8	87.2	87.5	88.0	88.2	88.6
170°	88.8	88.9	89.1	89.4	89.6	89.9	90.2	90.4	90.8	91.1	91.4
172.5°	91.9	91.9	92.1	92.2	92.4	92.5	92.8	92.9	93.1	93.4	93.6
175°	94.5	94.5	94.5	94.5	94.6	94.7	94.9	95.0	95.1	95.2	95.3
177.5°	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.3	96.3	96.4
180°	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1



TEST NUMBER: P1444673
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CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5
2.5°	23340.7	23340.5	23339.7	23338.7	23337.6	23338.2	23339.3	23342.0	23346.7	23353.5	23362.3
5°	23258.8	23263.6	23266.3	23266.7	23264.2	23262.7	23265.0	23271.4	23284.3	23306.1	23335.4
7.5°	23172.9	23178.8	23187.8	23194.6	23195.9	23194.2	23194.6	23204.6	23228.5	23270.8	23330.1
10°	23081.1	23063.8	23072.9	23089.8	23103.1	23105.5	23107.2	23119.1	23154.0	23217.8	23313.1
12.5°	22996.5	22941.2	22930.6	22945.8	22966.1	22972.6	22970.8	22975.9	23016.8	23101.3	23234.0
15°	22885.0	22781.1	22745.6	22749.5	22774.6	22783.7	22777.1	22767.0	22806.8	22910.0	23081.8
17.5°	22704.6	22537.2	22471.9	22469.0	22498.3	22506.2	22490.0	22458.8	22498.0	22626.8	22840.1
20°	22430.5	22183.2	22060.3	22040.8	22072.6	22063.4	22031.2	21984.0	22035.5	22192.0	22445.7
22.5°	21937.6	21624.3	21414.3	21346.6	21384.8	21359.3	21312.3	21252.1	21320.5	21498.5	21780.9
25°	21132.2	20770.1	20482.7	20321.5	20351.8	20306.3	20255.1	20182.1	20263.7	20468.0	20778.9
27.5°	19948.3	19530.2	19173.9	18907.0	18916.8	18857.1	18798.2	18703.7	18805.6	19047.3	19398.0
30°	18374.1	17890.2	17456.4	17093.7	17061.2	17003.3	16943.0	16818.9	16946.4	17235.8	17645.5
32.5°	16397.1	15859.9	15358.7	14900.0	14813.5	14757.0	14703.3	14560.4	14727.4	15064.8	15535.6
35°	14085.2	13512.9	12969.5	12445.6	12302.3	12245.8	12198.8	12061.9	12270.4	12637.5	13145.9
37.5°	11547.5	10962.9	10423.4	9886.1	9683.6	9606.9	9572.8	9483.1	9723.7	10086.8	10597.2
40°	8942.2	8398.6	7915.0	7440.5	7209.6	7092.3	7074.4	7058.1	7290.6	7605.7	8069.0
42.5°	6505.1	6066.6	5693.7	5331.0	5121.6	4961.5	4961.4	5010.1	5219.4	5455.4	5812.7
45°	4499.8	4205.5	3967.9	3725.5	3790.3	3471.1	3658.7	3562.3	3665.8	3818.0	4050.3
47.5°	3093.1	2932.6	2802.0	2666.6	2567.9	2473.6	2481.9	2542.7	2640.1	2730.4	2851.3
50°	2254.4	2172.6	2106.1	2035.8	1986.7	1945.1	1947.5	1973.8	2025.0	2072.6	2135.9
52.5°	1766.5	1721.3	1685.2	1646.4	1620.5	1600.0	1601.0	1613.8	1641.5	1668.7	1704.9
55°	1456.0	1450.6	1403.6	1368.7	1355.4	1341.5	1344.0	1349.1	1367.9	1383.9	1407.8
57.5°	1220.1	1199.0	1184.9	1166.6	1158.1	1148.4	1150.6	1152.5	1165.1	1175.8	1193.1
60°	1053.6	1038.6	1028.6	1016.2	1010.6	1004.4	1005.8	1007.0	1015.0	1022.0	1034.3
62.5°	942.9	929.5	920.9	911.2	907.4	903.2	904.1	904.4	909.5	914.6	924.0
65°	858.0	847.5	840.3	831.9	827.8	823.5	823.9	823.9	828.1	831.9	838.9
67.5°	768.3	760.3	755.6	749.0	746.2	741.8	741.7	740.4	743.1	744.5	749.4
70°	696.2	688.1	682.2	675.8	672.4	668.4	668.5	668.6	671.8	675.2	681.4
72.5°	651.7	644.0	638.7	633.2	629.9	626.6	625.9	625.6	627.9	629.8	633.9
75°	592.8	586.6	583.5	578.3	575.7	571.9	571.3	569.6	570.8	571.1	574.2
77.5°	521.3	515.4	512.9	507.7	505.5	501.3	500.9	498.9	499.8	499.2	501.5
80°	439.8	434.5	433.1	428.7	427.7	423.8	423.2	420.9	421.5	419.7	420.6
82.5°	348.8	344.0	342.9	338.9	338.9	335.3	335.2	331.6	331.6	328.6	323.8
85°	245.7	242.1	240.7	237.4	236.4	233.6	232.1	228.7	227.5	225.3	224.7
87.5°	129.7	127.4	125.4	123.9	121.0	115.8	115.4	111.8	112.1	109.6	109.8
90°	15.2	12.9	13.0	11.0	10.9	9.5	9.6	9.0	8.8	8.3	8.3
92.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
95°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.2
97.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.7	4.7	4.7
100°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.4	5.4	5.4	5.4
102.5°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.3	6.3
105°	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.5	7.5	7.5	7.6
107.5°	8.6	8.8	8.8	8.9	8.8	8.9	8.9	9.0	9.0	9.0	9.0
110°	10.5	10.6	10.7	10.8	10.8	10.9	10.9	11.0	11.0	11.0	11.0



TEST NUMBER: P1444673
 CATALOG NUMBER: EHBR1-30-UNV-TA-L930

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	12.6	12.7	12.8	13.0	13.0	13.2	13.2	13.4	13.4	13.5	13.4
115°	15.1	15.2	15.5	15.7	15.8	16.0	16.0	16.2	16.2	16.2	16.2
117.5°	17.9	18.3	18.4	18.7	18.9	19.2	19.2	19.3	19.3	19.5	19.3
120°	21.0	21.6	21.8	22.1	22.5	22.7	22.9	23.1	23.1	23.1	23.0
122.5°	24.7	25.1	25.5	25.9	26.3	26.6	26.8	27.0	27.0	27.1	26.9
125°	28.3	29.1	29.5	30.0	30.4	30.9	31.0	31.4	31.4	31.4	31.2
127.5°	32.5	33.2	33.7	34.4	34.8	35.1	35.4	35.6	35.6	35.6	35.5
130°	36.7	37.6	38.1	38.8	39.2	39.7	39.9	40.2	40.2	40.4	40.1
132.5°	41.1	41.9	42.6	43.3	43.8	44.4	44.6	44.9	44.9	45.0	44.7
135°	45.4	46.3	47.0	47.9	48.3	48.8	49.1	49.5	49.5	49.5	49.2
137.5°	49.6	50.6	51.3	52.0	52.6	53.1	53.5	53.7	53.7	53.9	53.6
140°	53.6	54.5	55.3	56.0	56.7	57.3	57.6	57.9	57.9	57.9	57.7
142.5°	57.3	58.2	58.9	59.7	60.2	60.9	61.2	61.5	61.5	61.5	61.3
145°	60.8	61.6	62.3	63.1	63.6	64.2	64.4	64.8	64.8	64.8	64.7
147.5°	63.9	64.8	65.3	66.0	66.6	67.1	67.5	67.6	67.7	67.7	67.6
150°	66.9	67.6	68.3	68.8	69.3	69.8	70.0	70.3	70.4	70.5	70.4
152.5°	69.7	70.3	70.9	71.5	71.9	72.3	72.5	72.8	73.1	73.3	73.3
155°	72.4	73.1	73.6	74.1	74.5	74.9	75.2	75.6	75.8	76.0	76.2
157.5°	75.4	76.0	76.5	77.0	77.4	77.9	78.2	78.6	78.9	79.2	79.4
160°	78.6	79.2	79.6	80.1	80.6	81.0	81.4	81.7	82.1	82.3	82.7
162.5°	82.1	82.6	82.9	83.4	83.9	84.3	84.7	85.0	85.4	85.7	86.0
165°	85.5	86.0	86.4	86.8	87.2	87.7	88.0	88.3	88.6	88.9	89.2
167.5°	88.9	89.4	89.6	90.1	90.4	90.8	91.2	91.5	91.7	92.0	92.2
170°	91.6	92.0	92.3	92.6	92.9	93.3	93.5	93.7	94.0	94.3	94.5
172.5°	93.7	94.1	94.3	94.6	94.8	95.0	95.2	95.5	95.7	95.9	96.0
175°	95.4	95.6	95.7	95.9	96.0	96.2	96.3	96.4	96.7	96.8	97.0
177.5°	96.5	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.0	97.1	97.1
180°	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1



TEST NUMBER: P1444673
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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°	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5
2.5°	23374.8	23386.5	23404.3	23420.6	23445.0	23464.2	23493.2	23515.1	23547.7	23568.9	23604.4
5°	23376.9	23422.6	23482.8	23541.4	23612.0	23676.1	23755.6	23823.4	23903.5	23968.7	24050.5
7.5°	23410.0	23498.1	23603.8	23710.4	23830.8	23943.5	24070.4	24185.3	24310.9	24417.2	24533.3
10°	23434.3	23570.4	23726.1	23882.9	24047.8	24201.1	24355.9	24489.7	24614.6	24717.4	24808.3
12.5°	23401.2	23588.6	23788.5	23981.5	24165.0	24323.6	24456.8	24559.7	24630.6	24678.9	24690.1
15°	23288.9	23514.3	23731.7	23923.9	24076.2	24193.5	24254.3	24282.8	24252.3	24201.6	24090.1
17.5°	23078.9	23316.7	23511.0	23662.7	23743.2	23775.0	23724.6	23637.1	23465.9	23275.9	23001.6
20°	22694.0	22915.6	23056.5	23139.2	23117.7	23038.1	22848.0	22617.0	22275.3	21911.2	21430.6
22.5°	22018.8	22212.5	22287.7	22293.8	22162.5	21963.2	21620.4	21224.1	20685.0	20124.6	19435.4
25°	21005.4	21175.1	21186.9	21120.3	20879.9	20557.0	20053.6	19493.0	18760.5	18013.8	17150.1
27.5°	19630.9	19793.6	19753.8	19629.5	19295.8	18863.7	18219.2	17495.0	16591.9	15709.9	14754.5
30°	17903.2	18077.2	18030.4	17870.9	17474.1	16963.3	16204.9	15363.5	14360.9	13418.9	12450.7
32.5°	15835.5	16055.6	16023.2	15871.6	15457.5	14910.9	14088.0	13195.6	12169.8	11241.5	10299.8
35°	13485.3	13752.5	13766.3	13667.2	13282.8	12742.5	11929.9	11066.3	10083.7	9207.8	8337.8
37.5°	10953.3	11263.1	11326.6	11299.9	10981.3	10504.4	9764.1	8989.2	8118.8	7351.1	6607.0
40°	8407.4	8720.9	8829.6	8861.8	8626.8	8257.4	7649.7	7024.3	6314.7	5692.7	5101.9
42.5°	6085.5	6363.4	6468.5	6534.6	6387.9	6141.6	5698.3	5244.2	4724.3	4275.6	3845.4
45°	4226.5	4423.1	4503.0	4569.6	4489.6	4350.7	4070.8	3786.7	3443.5	3150.4	2872.9
47.5°	2955.0	3063.4	3116.1	3148.5	3117.5	3045.0	2892.7	2728.1	2534.4	2363.1	2198.4
50°	2190.2	2248.0	2275.6	2294.2	2271.7	2231.4	2149.0	2059.4	1953.0	1856.0	1761.1
52.5°	1735.8	1768.8	1785.2	1795.3	1782.4	1757.7	1709.7	1656.6	1592.8	1532.8	1501.3
55°	1462.3	1460.6	1498.5	1480.2	1498.5	1457.5	1449.0	1390.6	1337.6	1300.4	1260.0
57.5°	1205.9	1223.1	1230.4	1238.5	1233.2	1225.8	1205.4	1184.4	1156.5	1133.2	1108.2
60°	1043.9	1058.0	1066.0	1074.1	1073.6	1070.8	1058.9	1046.5	1029.0	1015.0	999.9
62.5°	932.2	944.4	952.4	960.1	960.8	959.7	950.8	942.0	930.2	921.3	911.0
65°	844.4	853.0	858.3	864.5	864.2	862.5	854.4	847.3	837.5	831.3	823.8
67.5°	752.5	759.0	763.2	769.0	770.1	770.5	766.0	762.6	757.8	756.1	753.5
70°	687.2	695.0	701.7	709.1	713.1	715.0	713.1	711.3	708.5	707.4	705.3
72.5°	637.7	644.4	649.6	656.2	660.0	662.7	661.1	660.2	657.8	657.5	656.1
75°	576.2	580.8	583.8	588.8	590.8	593.3	592.2	592.8	592.0	593.9	593.9
77.5°	502.3	505.7	507.1	510.8	511.2	514.2	514.8	518.4	521.0	526.5	529.4
80°	419.2	421.3	421.3	425.1	426.8	431.8	434.3	440.1	442.8	447.8	448.2
82.5°	325.6	323.1	325.6	324.1	328.8	334.6	335.3	340.3	341.4	344.6	342.1
85°	222.6	222.4	220.5	220.8	219.3	220.0	219.1	220.1	219.2	219.3	217.1
87.5°	106.7	107.6	105.2	106.0	103.8	104.9	102.8	104.4	102.0	102.4	98.9
90°	7.9	7.8	7.4	7.3	7.5	7.2	7.1	7.0	7.1	6.9	6.9
92.5°	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.8	3.8
95°	4.2	4.2	4.2	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
97.5°	4.9	4.9	4.9	4.9	5.0	5.0	5.0	5.0	5.0	5.0	4.9
100°	5.5	5.5	5.5	5.6	5.6	5.6	5.6	5.6	5.6	5.5	5.5
102.5°	6.4	6.4	6.4	6.6	6.6	6.6	6.6	6.6	6.4	6.4	6.3
105°	7.6	7.6	7.8	7.8	7.8	7.8	7.8	7.8	7.6	7.5	7.5
107.5°	9.1	9.1	9.2	9.2	9.2	9.2	9.1	9.0	9.0	8.9	8.6
110°	11.1	11.0	11.1	11.1	11.1	11.0	11.0	10.8	10.7	10.5	10.3



TEST NUMBER: P1444673
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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°	13.5	13.4	13.4	13.2	13.2	13.0	13.0	12.8	12.7	12.4	12.2
115°	16.2	16.0	16.0	15.8	15.8	15.6	15.3	15.1	15.0	14.7	14.5
117.5°	19.2	19.2	19.1	18.7	18.6	18.4	18.2	17.9	17.6	17.4	17.0
120°	22.9	22.6	22.5	22.1	21.9	21.6	21.4	20.9	20.7	20.2	19.8
122.5°	26.8	26.5	26.3	25.9	25.7	25.1	24.9	24.3	24.1	23.5	23.1
125°	31.0	30.7	30.4	29.9	29.5	29.1	28.6	28.2	27.6	27.1	26.6
127.5°	35.4	34.9	34.8	34.2	33.8	33.2	32.6	32.0	31.6	30.9	30.4
130°	39.9	39.5	39.2	38.5	38.2	37.4	37.0	36.3	35.6	35.0	34.5
132.5°	44.6	44.1	43.8	43.0	42.6	41.9	41.5	40.7	40.1	39.4	38.9
135°	49.0	48.6	48.3	47.7	47.1	46.3	45.8	45.1	44.6	43.9	43.3
137.5°	53.5	52.9	52.5	52.0	51.5	50.8	50.3	49.5	49.0	48.3	47.9
140°	57.5	57.0	56.7	56.1	55.6	55.0	54.5	53.9	53.4	52.8	52.2
142.5°	61.0	60.7	60.3	59.8	59.3	58.7	58.4	57.9	57.4	56.9	56.4
145°	64.4	64.1	63.8	63.3	63.0	62.5	62.1	61.6	61.4	60.9	60.5
147.5°	67.5	67.2	67.0	66.7	66.5	66.0	65.9	65.4	65.2	64.9	64.7
150°	70.4	70.3	70.2	70.0	69.8	69.5	69.4	69.2	69.1	68.7	68.6
152.5°	73.3	73.3	73.3	73.2	73.2	73.1	73.0	72.8	72.7	72.5	72.4
155°	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.4	76.4
157.5°	79.6	79.8	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.0	80.0
160°	82.9	83.1	83.3	83.4	83.6	83.6	83.8	83.6	83.8	83.6	83.5
162.5°	86.3	86.5	86.7	86.8	87.0	87.0	87.2	87.2	87.2	87.0	87.0
165°	89.6	89.6	89.9	90.0	90.2	90.2	90.3	90.3	90.3	90.2	90.2
167.5°	92.5	92.6	92.9	92.9	93.1	93.1	93.4	93.3	93.3	93.3	93.3
170°	94.7	94.9	95.0	95.1	95.3	95.3	95.4	95.4	95.5	95.4	95.4
172.5°	96.2	96.3	96.5	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.0
175°	97.0	97.1	97.3	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.7
177.5°	97.3	97.4	97.4	97.5	97.6	97.6	97.7	97.7	97.8	97.8	97.8
180°	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1



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CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5
2.5°	23626.4	23480.5	23461.2	23471.4	23495.9	23504.9	23531.2	23538.4	23564.8	23571.3	23596.8
5°	24113.9	23921.0	23930.7	23977.0	24047.2	24089.1	24158.1	24194.2	24260.0	24290.0	24349.6
7.5°	24628.0	24476.5	24523.7	24601.9	24697.9	24764.4	24847.3	24901.3	24972.8	25017.0	25074.3
10°	24880.3	24838.9	24890.9	24952.4	25007.1	25050.0	25085.2	25113.3	25131.7	25149.0	25156.5
12.5°	24688.3	24752.6	24761.4	24755.4	24719.1	24691.4	24629.2	24586.9	24511.9	24466.1	24376.8
15°	23976.3	24117.4	24039.3	23920.9	23747.6	23603.2	23399.3	23247.4	23035.0	22891.0	22677.8
17.5°	22726.6	22904.9	22701.1	22427.2	22078.7	21780.6	21409.4	21114.7	20745.6	20477.1	20132.7
20°	20967.4	21134.0	20770.6	20316.5	19777.4	19323.7	18788.8	18361.9	17864.8	17495.0	17048.7
22.5°	18777.1	18895.7	18383.8	17771.5	17084.8	16518.1	15878.4	15366.7	14799.3	14376.6	13900.7
25°	16353.8	16385.9	15771.7	15066.5	14301.0	13664.1	12981.2	12443.2	11864.5	11436.1	10969.0
27.5°	13908.0	13861.1	13197.3	12449.5	11644.3	10982.3	10316.3	9812.1	9305.3	8919.3	8517.0
30°	11599.5	11485.9	10796.7	10028.0	9246.5	8653.1	8100.1	7695.3	7292.1	6985.9	6663.0
32.5°	9482.6	9322.2	8651.4	7931.2	7272.7	6814.7	6404.7	6098.3	5772.8	5514.2	5243.1
35°	7607.6	7436.6	6842.3	6231.8	5733.4	5395.8	5073.6	4822.2	4545.8	4327.6	4092.2
37.5°	5998.3	5858.3	5360.5	4880.1	4503.0	4241.5	3977.4	3772.0	3543.5	3447.6	3196.0
40°	4630.7	4532.8	4143.5	3789.4	3506.3	3383.4	3115.4	2923.5	2752.8	2612.0	2475.7
42.5°	3612.1	3577.4	3198.6	2922.4	2723.0	2568.2	2418.8	2297.5	2179.5	2082.5	1990.8
45°	2650.7	2623.2	2455.1	2295.7	2159.9	2051.6	1950.6	1867.2	1790.1	1726.1	1667.9
47.5°	2064.1	2055.3	1958.5	1859.6	1774.0	1704.5	1639.0	1583.6	1532.4	1489.7	1475.8
50°	1678.8	1677.7	1620.8	1559.9	1498.9	1458.7	1416.9	1384.1	1351.2	1325.7	1298.6
52.5°	1426.4	1420.3	1381.9	1344.2	1308.0	1281.6	1254.9	1234.0	1212.2	1196.4	1179.6
55°	1228.0	1234.5	1212.3	1189.8	1167.2	1150.8	1132.0	1118.2	1103.3	1093.3	1083.2
57.5°	1090.2	1098.8	1087.2	1074.4	1060.6	1049.9	1036.9	1027.4	1017.4	1011.0	1005.1
60°	990.0	999.3	994.6	988.2	979.7	973.3	965.0	959.8	953.3	949.8	946.5
62.5°	904.9	916.6	914.9	911.9	906.5	902.9	898.4	896.0	891.8	890.2	888.6
65°	820.0	833.2	832.9	831.4	828.4	827.4	824.6	824.1	821.9	822.8	822.6
67.5°	753.3	764.7	767.3	769.1	769.0	769.7	769.4	770.6	770.6	772.2	773.2
70°	705.1	713.1	715.0	716.9	717.5	719.0	719.0	720.0	719.7	721.1	721.2
72.5°	656.4	666.9	668.8	670.4	670.4	671.8	671.1	670.8	668.7	668.3	666.8
75°	595.8	609.3	612.2	614.2	614.4	615.7	613.9	612.7	609.3	607.8	605.4
77.5°	532.5	546.5	548.6	549.3	548.1	548.4	544.6	542.0	537.6	535.8	533.4
80°	450.2	470.8	472.4	471.1	467.9	467.4	463.7	461.3	455.9	454.1	452.1
82.5°	342.6	366.7	370.1	371.5	368.9	369.6	366.0	364.7	359.8	358.9	355.7
85°	216.3	240.4	244.4	243.8	241.2	240.6	238.5	239.2	238.7	240.1	240.8
87.5°	99.4	122.7	128.3	126.5	126.3	124.7	120.9	122.3	124.6	126.0	126.1
90°	6.8	13.7	13.5	14.3	12.7	13.2	11.9	12.7	11.8	12.6	11.7
92.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.8	3.7	3.8
95°	4.4	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.1	4.1
97.5°	4.9	4.7	4.6	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.5
100°	5.5	5.2	5.1	5.1	5.0	5.0	5.0	5.0	5.0	5.0	4.9
102.5°	6.2	6.0	5.8	5.7	5.6	5.5	5.5	5.4	5.4	5.3	5.3
105°	7.3	6.9	6.7	6.4	6.3	6.2	6.1	6.1	6.0	5.8	5.8
107.5°	8.6	7.9	7.6	7.4	7.2	7.1	6.9	6.8	6.6	6.4	6.3
110°	10.2	9.2	8.8	8.5	8.3	8.0	7.8	7.6	7.4	7.3	7.1



TEST NUMBER: P1444673
 CATALOG NUMBER: EHBR1-30-UNV-TA-L930

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	11.9	10.8	10.2	9.8	9.5	9.2	8.9	8.6	8.4	8.1	8.0
115°	14.1	12.6	11.9	11.5	11.1	10.7	10.2	10.0	9.5	9.2	9.0
117.5°	16.7	14.9	14.1	13.5	13.0	12.4	11.9	11.5	11.1	10.7	10.3
120°	19.3	17.4	16.5	15.8	15.2	14.6	14.1	13.5	12.9	12.4	11.9
122.5°	22.5	20.3	19.2	18.5	17.9	17.1	16.5	15.8	15.1	14.6	14.1
125°	26.0	23.5	22.4	21.7	20.9	20.1	19.3	18.5	18.0	17.3	16.7
127.5°	29.8	27.1	25.9	25.1	24.4	23.5	22.7	21.8	21.2	20.3	19.7
130°	33.9	31.0	29.8	28.9	28.2	27.3	26.6	25.7	24.9	24.1	23.3
132.5°	38.2	35.1	34.0	33.2	32.4	31.5	30.8	29.9	29.1	28.2	27.4
135°	42.6	39.5	38.3	37.4	36.8	35.9	35.1	34.3	33.6	32.6	32.0
137.5°	47.1	43.8	42.7	41.9	41.3	40.5	39.9	39.0	38.3	37.4	36.8
140°	51.6	48.3	47.1	46.5	46.0	45.2	44.6	43.9	43.3	42.6	41.9
142.5°	55.9	52.4	51.3	50.8	50.3	49.7	49.4	48.7	48.3	47.5	47.0
145°	60.2	56.4	55.3	54.9	54.6	54.2	53.7	53.3	52.8	52.3	51.9
147.5°	64.3	60.3	59.2	58.9	58.6	58.3	58.1	57.7	57.5	57.0	56.8
150°	68.3	63.9	62.6	62.4	62.1	61.9	61.8	61.6	61.5	61.2	61.0
152.5°	72.2	66.9	65.4	65.2	65.2	65.0	65.0	64.9	64.9	64.8	64.7
155°	76.1	70.3	68.6	68.4	68.3	68.3	68.2	68.2	68.2	68.2	68.3
157.5°	79.8	73.6	71.9	71.6	71.6	71.5	71.4	71.4	71.4	71.4	71.6
160°	83.4	77.1	75.3	74.9	74.9	74.8	74.6	74.5	74.5	74.5	74.6
162.5°	86.8	80.6	79.0	78.6	78.3	78.2	78.2	77.9	77.9	77.8	77.9
165°	90.0	84.5	82.8	82.4	82.3	82.0	81.8	81.6	81.6	81.5	81.5
167.5°	93.1	88.1	86.8	86.5	86.3	86.0	86.0	85.6	85.6	85.5	85.5
170°	95.3	91.4	90.3	90.1	90.1	89.9	89.7	89.6	89.6	89.4	89.4
172.5°	96.9	94.0	93.1	93.0	93.0	92.9	92.9	92.9	92.9	92.9	92.9
175°	97.7	95.9	95.5	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5
177.5°	97.9	97.5	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4
180°	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1



TEST NUMBER: P1444673
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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°	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5
2.5°	23601.6	23629.1	23627.0	23652.7	23651.4	23675.6	23670.7	23691.6	23686.9	23704.7	23694.2
5°	24375.8	24428.1	24445.4	24492.6	24502.4	24544.6	24545.5	24579.1	24575.0	24601.3	24587.3
7.5°	25108.1	25156.9	25180.1	25216.8	25235.2	25265.6	25277.4	25302.5	25308.4	25323.1	25322.7
10°	25169.9	25169.7	25181.2	25176.0	25186.3	25180.4	25192.9	25188.4	25206.9	25202.1	25216.0
12.5°	24338.3	24255.7	24225.6	24151.5	24135.3	24071.6	24076.2	24035.4	24055.1	24030.0	24072.7
15°	22551.0	22359.5	22264.8	22098.4	22046.2	21914.6	21903.9	21816.5	21840.1	21794.4	21861.2
17.5°	19909.8	19608.4	19443.0	19199.9	19103.4	18917.3	18879.9	18767.5	18784.9	18728.2	18808.9
20°	16760.8	16396.5	16187.9	15906.7	15781.4	15559.6	15500.7	15374.8	15390.6	15334.2	15425.5
22.5°	13575.9	13194.7	12959.0	12664.4	12504.3	12295.7	12233.0	12106.6	12113.8	12060.9	12148.7
25°	10649.1	10283.6	10054.9	9787.3	9648.3	9457.0	9391.2	9277.7	9284.2	9240.5	9319.3
27.5°	8237.9	7937.9	7746.6	7522.3	7397.7	7240.4	7176.3	7080.8	7080.5	7048.6	7114.4
30°	6437.4	6187.1	6015.4	5820.0	5703.0	5561.1	5499.1	5413.8	5410.0	5387.3	5439.6
32.5°	5040.4	4817.8	4661.1	4489.1	4384.1	4262.3	4203.7	4135.1	4128.7	4108.2	4151.2
35°	3918.3	3730.8	3596.0	3451.3	3462.0	3282.3	3312.2	3172.6	3134.8	3126.5	3158.5
37.5°	3028.4	2883.1	2773.7	2665.3	2591.9	2516.0	2475.1	2438.3	2434.1	2430.6	2453.0
40°	2370.3	2268.8	2189.2	2114.8	2064.2	2017.9	1992.3	1972.2	1967.4	1964.7	1978.2
42.5°	1918.4	1849.9	1798.6	1753.2	1722.5	1697.3	1683.3	1672.0	1668.3	1668.4	1676.4
45°	1620.8	1579.3	1546.2	1518.0	1498.4	1507.0	1481.6	1494.9	1477.3	1495.5	1483.6
47.5°	1427.3	1392.0	1371.5	1351.5	1339.6	1330.1	1330.5	1330.6	1334.3	1334.9	1338.8
50°	1278.1	1257.6	1243.4	1230.7	1224.4	1219.4	1221.1	1222.5	1226.1	1226.4	1229.2
52.5°	1167.6	1154.1	1145.6	1137.6	1134.9	1132.0	1133.3	1132.7	1134.3	1133.5	1135.8
55°	1077.7	1071.3	1068.7	1065.7	1066.2	1065.4	1065.9	1063.0	1061.3	1059.1	1061.1
57.5°	1004.0	1003.1	1004.8	1006.1	1009.5	1010.7	1011.4	1008.1	1005.0	1002.2	1003.9
60°	947.1	948.4	953.0	956.6	961.5	963.8	965.1	963.2	960.9	958.6	960.0
62.5°	891.0	893.2	898.5	902.6	908.5	911.5	914.9	915.1	916.0	915.1	916.1
65°	825.9	828.6	833.5	836.9	842.3	845.0	848.5	849.1	851.0	850.6	852.2
67.5°	776.4	778.9	783.0	786.2	791.1	793.8	796.9	797.0	797.7	797.6	799.1
70°	723.7	724.9	728.5	731.2	736.1	738.9	742.4	743.5	745.6	746.0	747.8
72.5°	667.5	666.9	669.1	670.3	674.0	676.2	680.7	683.1	686.7	687.7	688.9
75°	606.2	605.6	608.2	609.3	612.4	614.6	619.6	622.8	628.4	630.8	630.2
77.5°	535.2	536.5	541.3	544.0	548.1	551.1	557.5	562.6	572.9	577.5	572.8
80°	455.9	457.2	462.2	464.7	470.3	473.7	480.9	486.9	496.2	498.1	495.6
82.5°	358.4	358.8	363.3	365.2	372.3	377.5	386.6	391.4	397.1	396.2	395.5
85°	244.4	247.7	253.4	259.0	267.7	276.0	284.6	291.7	286.7	294.6	285.7
87.5°	130.6	130.3	137.9	136.7	148.8	155.9	163.3	166.9	170.9	170.1	170.2
90°	12.8	11.9	13.0	11.9	13.6	12.4	14.7	13.6	16.3	14.8	17.6
92.5°	3.7	3.8	3.7	3.8	3.7	3.8	3.7	3.7	3.7	3.7	3.7
95°	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
97.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4
100°	4.9	4.9	4.9	4.9	4.7	4.7	4.7	4.7	4.7	4.7	4.7
102.5°	5.2	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
105°	5.7	5.7	5.6	5.6	5.5	5.5	5.5	5.5	5.5	5.5	5.5
107.5°	6.3	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
110°	7.0	6.9	6.8	6.8	6.7	6.6	6.6	6.6	6.6	6.6	6.6



TEST NUMBER: P1444673
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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°	7.8	7.6	7.5	7.4	7.3	7.3	7.2	7.2	7.2	7.2	7.2
115°	8.6	8.6	8.4	8.3	8.3	8.1	8.0	8.0	8.0	8.0	8.0
117.5°	10.0	9.7	9.5	9.4	9.2	9.1	9.0	9.0	8.9	9.0	9.0
120°	11.7	11.3	11.0	10.8	10.6	10.5	10.2	10.2	10.2	10.2	10.2
122.5°	13.5	13.1	12.7	12.5	12.2	12.0	11.9	11.9	11.9	11.9	11.9
125°	16.0	15.5	15.1	14.8	14.3	14.3	14.1	14.1	14.0	14.1	14.1
127.5°	19.0	18.4	17.9	17.6	17.1	16.9	16.8	16.7	16.7	16.8	16.8
130°	22.5	21.9	21.4	20.9	20.4	20.2	20.1	19.9	19.8	19.9	20.1
132.5°	26.6	25.9	25.3	24.9	24.4	24.1	23.8	23.8	23.7	23.8	23.9
135°	31.1	30.5	29.9	29.3	28.8	28.6	28.3	28.3	28.2	28.3	28.5
137.5°	36.0	35.5	34.8	34.4	33.9	33.7	33.3	33.2	33.2	33.3	33.6
140°	41.3	40.6	40.0	39.6	39.2	38.9	38.7	38.7	38.5	38.8	38.9
142.5°	46.3	46.0	45.4	45.0	44.6	44.5	44.3	44.3	44.1	44.4	44.6
145°	51.4	51.1	50.6	50.3	50.0	49.9	49.5	49.6	49.6	49.9	50.0
147.5°	56.3	56.1	55.7	55.5	55.2	55.2	55.0	55.1	55.1	55.3	55.3
150°	60.8	60.7	60.4	60.3	60.2	60.2	60.1	60.2	60.2	60.3	60.4
152.5°	64.6	64.6	64.4	64.4	64.3	64.4	64.4	64.6	64.7	64.9	65.0
155°	68.3	68.3	68.3	68.3	68.3	68.5	68.5	68.8	68.9	69.2	69.2
157.5°	71.6	71.6	71.6	71.9	72.0	72.2	72.3	72.6	72.7	73.1	73.3
160°	74.8	74.9	74.9	75.2	75.4	75.6	75.8	76.1	76.4	76.6	76.8
162.5°	77.9	78.2	78.2	78.3	78.6	78.8	79.0	79.4	79.6	79.9	80.2
165°	81.5	81.6	81.6	81.7	82.0	82.2	82.3	82.7	82.9	83.2	83.5
167.5°	85.4	85.5	85.4	85.5	85.5	85.7	85.8	86.1	86.3	86.6	86.8
170°	89.2	89.2	89.2	89.2	89.2	89.4	89.5	89.6	89.6	89.9	90.0
172.5°	92.8	92.8	92.6	92.8	92.6	92.8	92.8	92.9	92.9	92.9	92.9
175°	95.4	95.5	95.5	95.6	95.5	95.5	95.5	95.5	95.5	95.6	95.6
177.5°	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.5	97.5
180°	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1



TEST NUMBER: P1444673
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CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5
2.5°	23711.7	23699.8	23712.0	23699.7	23712.0	23697.2	23707.2	23691.2	23695.3	23678.7	23683.0
5°	24608.3	24589.4	24599.5	24574.9	24577.4	24544.6	24544.0	24505.9	24495.8	24452.3	24433.2
7.5°	25333.2	25327.1	25330.5	25314.8	25312.9	25290.5	25279.8	25248.3	25228.4	25188.4	25161.0
10°	25218.5	25237.0	25241.8	25260.6	25264.5	25283.1	25287.1	25305.8	25309.6	25323.4	25323.6
12.5°	24070.7	24133.4	24148.4	24226.0	24258.6	24347.3	24394.8	24492.6	24550.6	24648.1	24708.0
15°	21859.4	21968.0	22011.3	22162.6	22246.4	22423.1	22534.1	22737.1	22880.3	23095.7	23249.5
17.5°	18816.0	18967.7	19036.2	19241.5	19375.4	19636.3	19824.2	20133.6	20370.5	20714.4	20986.9
20°	15441.1	15609.8	15702.8	15936.9	16095.0	16399.6	16634.4	17014.6	17331.7	17767.4	18139.9
22.5°	12176.2	12336.7	12439.9	12678.1	12856.0	13173.9	13436.2	13837.5	14192.7	14683.7	15130.4
25°	9349.0	9496.1	9589.4	9804.8	9971.9	10264.0	10514.5	10900.4	11248.0	11740.5	12198.6
27.5°	7147.2	7270.4	7360.3	7544.0	7691.4	7939.1	8154.3	8473.2	8772.7	9198.8	9606.7
30°	5471.8	5580.9	5668.4	5828.5	5965.1	6179.9	6369.1	6636.9	6884.9	7223.8	7548.4
32.5°	4181.4	4275.3	4353.3	4493.4	4617.3	4810.7	4981.2	5216.0	5428.7	5716.3	5983.3
35°	3188.1	3373.1	3360.0	3553.2	3584.3	3723.0	3875.1	4080.4	4268.8	4513.4	4740.6
37.5°	2474.5	2526.5	2582.3	2667.6	2757.4	2883.6	3012.1	3263.0	3355.1	3539.8	3727.9
40°	1995.4	2030.5	2067.4	2125.1	2187.9	2276.9	2370.4	2490.1	2612.8	2762.6	2915.6
42.5°	1687.0	1706.9	1730.3	1764.2	1803.0	1859.4	1921.9	2003.1	2088.4	2193.8	2301.5
45°	1507.2	1497.7	1504.7	1523.0	1546.3	1580.5	1620.1	1670.4	1725.9	1794.1	1866.9
47.5°	1339.6	1343.5	1345.5	1355.4	1367.9	1390.9	1414.9	1449.0	1514.8	1534.9	1574.6
50°	1229.0	1230.8	1230.2	1235.2	1241.5	1256.5	1272.0	1295.1	1318.2	1348.7	1377.9
52.5°	1136.2	1138.8	1138.4	1141.7	1145.1	1154.6	1164.4	1180.8	1195.8	1215.2	1232.0
55°	1063.0	1066.5	1067.9	1070.7	1072.3	1077.3	1081.1	1089.0	1095.4	1106.4	1116.6
57.5°	1006.6	1011.4	1013.8	1014.7	1012.7	1012.4	1011.1	1012.8	1014.1	1020.0	1025.7
60°	962.3	966.2	966.8	966.2	962.5	959.9	955.7	954.4	953.8	956.6	959.8
62.5°	915.8	917.2	916.3	915.1	911.0	908.4	904.1	902.5	901.0	903.1	904.7
65°	851.6	852.8	851.6	850.9	847.2	845.2	841.5	840.3	838.2	838.7	838.4
67.5°	799.4	800.7	799.7	798.7	796.1	794.9	792.2	790.5	787.9	787.1	785.3
70°	747.5	748.4	747.0	746.0	743.0	741.9	739.4	738.8	736.9	736.4	734.5
72.5°	687.7	687.8	685.6	685.0	682.9	682.8	681.7	682.7	682.6	683.7	683.2
75°	626.5	625.6	623.0	622.5	620.9	621.7	620.6	622.0	622.2	624.5	624.7
77.5°	565.2	562.0	557.1	554.6	551.3	551.0	549.0	550.4	549.9	552.5	553.6
80°	487.8	483.9	477.6	474.5	470.6	470.0	468.2	470.0	469.1	472.1	474.4
82.5°	389.4	386.0	379.4	377.0	372.5	372.9	371.1	372.9	372.7	377.2	379.8
85°	288.1	285.8	279.0	273.0	266.4	262.4	258.6	258.0	256.8	258.6	260.2
87.5°	166.4	164.3	159.0	155.5	143.8	144.4	139.7	139.5	138.3	137.3	139.7
90°	16.0	18.3	16.8	18.7	17.6	20.1	19.2	21.5	19.9	21.7	20.8
92.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.7
95°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
97.5°	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.5	4.5	4.5
100°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.9	4.9	4.9
102.5°	5.1	5.1	5.1	5.1	5.2	5.2	5.2	5.2	5.3	5.3	5.3
105°	5.5	5.5	5.6	5.6	5.6	5.6	5.7	5.7	5.8	5.8	6.0
107.5°	6.1	6.1	6.1	6.1	6.1	6.2	6.2	6.3	6.4	6.6	6.7
110°	6.6	6.7	6.7	6.8	6.8	6.9	7.0	7.1	7.3	7.4	7.6



TEST NUMBER: P1444673
 CATALOG NUMBER: EHBR1-30-UNV-TA-L930

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	7.3	7.3	7.4	7.5	7.6	7.8	7.8	8.0	8.3	8.4	8.6
115°	8.1	8.1	8.3	8.3	8.5	8.6	8.9	9.1	9.4	9.7	10.1
117.5°	9.1	9.2	9.4	9.4	9.6	10.0	10.2	10.6	11.0	11.3	11.8
120°	10.5	10.6	10.8	10.9	11.2	11.5	11.9	12.3	12.8	13.4	14.0
122.5°	12.0	12.2	12.5	12.7	13.1	13.5	14.1	14.6	15.1	15.8	16.5
125°	14.3	14.5	14.8	15.1	15.6	16.1	16.8	17.4	18.1	18.6	19.5
127.5°	17.0	17.3	17.6	18.1	18.6	19.2	19.9	20.5	21.4	22.1	23.0
130°	20.3	20.7	21.2	21.6	22.3	22.9	23.6	24.3	25.2	25.9	26.9
132.5°	24.3	24.7	25.1	25.7	26.4	27.1	28.0	28.6	29.5	30.3	31.2
135°	28.8	29.1	29.8	30.3	31.1	31.6	32.5	33.2	34.2	34.9	35.8
137.5°	34.0	34.3	34.8	35.3	36.1	36.7	37.6	38.3	39.0	39.8	40.6
140°	39.3	39.6	40.2	40.7	41.3	41.9	42.8	43.4	44.3	44.9	45.5
142.5°	45.0	45.1	45.6	46.2	46.8	47.3	48.0	48.5	49.2	49.7	50.6
145°	50.3	50.6	51.2	51.5	52.0	52.5	53.1	53.6	54.3	54.7	55.3
147.5°	55.7	56.0	56.4	56.9	57.4	57.8	58.3	58.6	59.3	59.7	60.2
150°	60.8	61.0	61.4	61.6	62.1	62.6	63.1	63.4	63.9	64.3	64.8
152.5°	65.3	65.5	65.9	66.1	66.6	66.9	67.3	67.7	68.2	68.4	68.8
155°	69.5	69.9	70.2	70.5	70.9	71.1	71.6	71.7	72.2	72.5	73.0
157.5°	73.6	73.8	74.2	74.4	74.9	75.0	75.4	75.7	76.1	76.4	76.7
160°	77.2	77.5	77.8	78.2	78.4	78.7	79.0	79.4	79.8	80.0	80.4
162.5°	80.6	80.9	81.3	81.5	81.8	82.2	82.4	82.8	83.2	83.4	83.9
165°	83.9	84.1	84.6	84.7	85.1	85.5	85.7	86.1	86.4	86.7	87.0
167.5°	87.2	87.3	87.8	88.0	88.3	88.6	88.9	89.2	89.6	89.7	90.1
170°	90.3	90.5	90.8	91.1	91.3	91.5	91.8	92.0	92.3	92.5	92.9
172.5°	93.1	93.3	93.5	93.6	93.7	94.0	94.2	94.3	94.5	94.7	94.9
175°	95.6	95.6	95.7	95.8	95.9	95.9	96.0	96.2	96.2	96.3	96.4
177.5°	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
180°	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1



TEST NUMBER: P1444673
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CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5
2.5°	23666.4	23667.4	23648.3	23647.3	23629.4	23627.1	23609.8	23604.4	23590.3	23585.2	23570.7
5°	24384.4	24361.2	24307.4	24275.9	24222.8	24187.6	24130.1	24092.7	24037.1	23995.3	23939.6
7.5°	25110.6	25074.5	25014.2	24965.4	24891.7	24832.8	24746.6	24676.0	24582.6	24501.8	24403.7
10°	25323.6	25318.1	25302.7	25280.3	25246.0	25207.5	25148.8	25087.6	25005.8	24916.9	24807.9
12.5°	24799.6	24856.2	24933.3	24979.1	25034.7	25059.1	25081.9	25076.1	25061.2	25016.1	24953.1
15°	23472.1	23631.1	23841.6	24004.8	24192.6	24329.0	24479.7	24573.5	24667.2	24710.4	24736.9
17.5°	21360.3	21661.5	22038.9	22351.8	22712.8	23002.8	23320.7	23559.9	23806.0	23982.3	24141.7
20°	18647.8	19084.0	19618.0	20089.8	20638.3	21114.9	21637.2	22066.0	22508.2	22854.1	23181.3
22.5°	15705.7	16223.7	16869.3	17467.3	18174.4	18809.9	19526.9	20150.9	20802.5	21346.8	21873.1
25°	12812.5	13380.7	14086.6	14753.8	15554.6	16293.8	17144.1	17921.8	18764.0	19495.1	20217.4
27.5°	10170.7	10728.5	11449.2	12159.3	13006.2	13793.9	14704.9	15561.8	16520.7	17404.9	18309.4
30°	7999.3	8472.4	9118.6	9806.5	10641.7	11443.2	12364.2	13245.4	14243.0	15208.4	16227.3
32.5°	6337.6	6698.1	7206.1	7787.8	8558.4	9321.3	10198.3	11049.1	12031.4	13006.6	14066.3
35°	5033.2	5314.3	5701.7	6155.6	6808.2	7466.0	8241.6	9015.2	9931.7	10857.1	11887.1
37.5°	3969.0	4197.1	4500.4	4841.4	5364.8	5904.6	6540.6	7182.0	7978.4	8798.7	9732.1
40°	3099.3	3284.0	3520.2	3774.5	4169.7	4585.6	5077.5	5574.9	6214.6	6885.1	7657.6
42.5°	2434.8	2571.0	2737.8	2923.6	3292.5	3513.2	3846.8	4206.5	4676.9	5163.6	5744.4
45°	1955.3	2048.3	2164.0	2288.6	2459.8	2647.0	2875.5	3115.1	3561.9	3781.0	4134.3
47.5°	1632.9	1695.3	1768.9	1847.4	1948.4	2057.3	2192.8	2331.3	2510.4	2696.1	2913.8
50°	1415.8	1479.2	1504.4	1545.1	1603.6	1665.8	1742.2	1818.5	1914.6	2012.0	2124.0
52.5°	1254.5	1275.2	1302.8	1328.6	1364.8	1435.6	1458.5	1498.5	1552.4	1605.0	1663.8
55°	1131.5	1144.9	1162.8	1178.4	1200.4	1221.2	1251.4	1278.0	1314.0	1345.7	1384.7
57.5°	1035.7	1044.2	1056.7	1067.0	1081.0	1092.9	1110.6	1125.0	1145.6	1163.6	1187.4
60°	966.1	971.8	980.2	986.8	995.8	1002.0	1010.8	1017.6	1028.5	1037.6	1050.8
62.5°	909.2	912.2	917.6	921.5	927.3	930.4	935.1	938.0	944.1	948.6	956.0
65°	841.1	841.7	845.3	847.0	851.5	853.2	857.0	858.3	863.3	866.7	873.2
67.5°	785.1	783.6	783.7	782.3	783.0	781.6	782.0	780.6	782.6	783.7	788.6
70°	734.1	731.9	731.2	728.9	728.1	725.7	725.0	722.9	722.6	721.9	723.7
72.5°	684.4	683.8	683.9	682.3	682.1	680.5	680.6	679.5	680.7	681.2	683.4
75°	627.2	627.4	628.4	627.0	627.5	626.0	626.6	625.2	625.9	625.7	627.9
77.5°	557.6	559.2	562.2	561.6	562.6	561.1	561.7	559.9	560.4	559.2	560.1
80°	479.3	482.7	486.8	486.7	488.3	487.3	488.8	487.1	487.8	485.7	485.1
82.5°	386.3	389.2	393.6	393.8	397.6	398.3	402.5	402.3	405.0	403.3	402.1
85°	264.1	266.1	269.9	272.0	275.9	278.3	282.4	284.1	281.2	286.5	282.2
87.5°	137.9	143.0	140.2	146.9	145.3	152.0	150.6	156.8	155.6	161.0	160.3
90°	23.6	22.9	25.9	25.5	29.4	29.5	33.6	33.3	37.2	37.2	41.1
92.5°	3.6	3.7	3.7	3.7	3.7	3.8	3.7	3.7	3.7	3.8	3.7
95°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.1
97.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.6
100°	4.9	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.2	5.2	5.2
102.5°	5.4	5.4	5.5	5.6	5.6	5.7	5.8	6.0	6.0	6.1	6.1
105°	6.1	6.1	6.2	6.3	6.4	6.7	6.8	6.9	7.0	7.1	7.1
107.5°	6.9	7.0	7.2	7.3	7.5	7.8	7.9	8.0	8.3	8.3	8.4
110°	7.8	8.0	8.3	8.5	8.6	9.0	9.2	9.4	9.6	9.8	10.0



TEST NUMBER: P1444673
 CATALOG NUMBER: EHBR1-30-UNV-TA-L930

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	8.9	9.4	9.5	10.0	10.2	10.6	10.9	11.2	11.4	11.7	11.9
115°	10.5	10.9	11.3	11.7	12.0	12.5	12.8	13.2	13.5	13.9	14.1
117.5°	12.2	12.8	13.2	13.9	14.3	14.8	15.1	15.6	16.0	16.3	16.7
120°	14.5	15.1	15.7	16.3	16.8	17.4	17.9	18.4	18.7	19.2	19.5
122.5°	17.1	17.9	18.4	19.2	19.7	20.3	20.9	21.5	21.8	22.4	22.7
125°	20.2	20.9	21.7	22.4	23.0	23.7	24.2	24.9	25.3	25.9	26.4
127.5°	23.7	24.6	25.2	26.0	26.6	27.4	28.0	28.6	29.1	29.8	30.3
130°	27.6	28.5	29.2	29.9	30.6	31.5	31.9	32.6	33.2	33.9	34.5
132.5°	31.9	32.7	33.4	34.3	34.9	35.6	36.2	37.0	37.4	38.2	38.8
135°	36.5	37.3	38.0	38.8	39.3	40.0	40.6	41.3	41.8	42.6	43.2
137.5°	41.3	42.1	42.7	43.4	43.9	44.6	45.1	45.8	46.3	47.1	47.7
140°	46.2	46.9	47.4	48.1	48.6	49.2	49.7	50.3	50.9	51.5	51.9
142.5°	51.2	51.7	52.1	52.8	53.3	53.9	54.3	54.8	55.3	55.8	56.2
145°	55.8	56.4	56.9	57.4	57.7	58.3	58.5	59.1	59.3	59.9	60.2
147.5°	60.7	61.2	61.5	61.9	62.1	62.6	62.9	63.3	63.6	63.9	64.2
150°	65.0	65.5	65.8	66.1	66.4	66.8	67.0	67.3	67.5	67.7	68.0
152.5°	69.2	69.5	69.8	70.0	70.3	70.6	70.7	71.0	71.1	71.2	71.4
155°	73.2	73.6	73.8	74.1	74.2	74.5	74.5	74.8	74.9	74.9	74.9
157.5°	77.0	77.4	77.6	77.8	78.0	78.2	78.2	78.4	78.4	78.6	78.6
160°	80.6	80.9	81.2	81.4	81.6	81.6	81.7	82.0	82.1	82.1	82.1
162.5°	84.0	84.4	84.6	84.7	84.9	85.1	85.2	85.4	85.5	85.5	85.5
165°	87.2	87.5	87.8	88.0	88.1	88.3	88.4	88.6	88.6	88.8	88.8
167.5°	90.3	90.6	90.8	91.1	91.2	91.3	91.4	91.6	91.6	91.7	91.7
170°	92.9	93.1	93.4	93.6	93.7	93.7	93.9	94.0	94.0	94.1	94.1
172.5°	95.0	95.2	95.2	95.4	95.4	95.5	95.6	95.6	95.7	95.7	95.7
175°	96.4	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
177.5°	97.5	97.5	97.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.3
180°	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1



TEST NUMBER: P1444673
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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5	23418.5
2.5°	23565.6	23555.4	23548.8	23540.4	23535.3	23528.7	23523.9	23519.9	23516.6	23513.6	23511.3
5°	23897.0	23844.3	23803.5	23759.2	23722.8	23686.6	23658.6	23635.4	23619.5	23607.4	23600.4
7.5°	24318.9	24222.5	24136.7	24046.5	23965.6	23886.0	23817.4	23758.3	23713.9	23685.2	23667.8
10°	24695.7	24566.6	24439.0	24304.6	24177.1	24053.5	23939.6	23839.2	23759.8	23707.1	23676.2
12.5°	24864.6	24754.6	24624.2	24478.3	24322.2	24164.2	24010.2	23871.4	23754.8	23676.7	23631.5
15°	24715.8	24670.7	24582.3	24469.0	24320.8	24157.4	23976.7	23806.8	23650.4	23549.1	23490.3
17.5°	24231.9	24295.0	24288.2	24244.9	24138.4	24000.9	23816.7	23625.8	23430.3	23294.7	23220.8
20°	23415.4	23613.5	23713.9	23765.5	23723.7	23634.5	23467.7	23274.1	23046.1	22869.2	22761.2
22.5°	22268.0	22617.6	22835.5	22995.0	23028.8	22998.4	22851.1	22666.9	22412.9	22200.2	22040.8
25°	20790.7	21303.0	21647.5	21917.5	22022.3	22049.4	21924.1	21740.9	21457.7	21209.9	20991.0
27.5°	19050.8	19716.5	20176.4	20539.2	20702.9	20773.9	20658.6	20471.6	20136.5	19840.9	19554.8
30°	17092.1	17881.8	18435.4	18870.5	19070.1	19163.9	19041.3	18832.7	18442.8	18087.0	17726.6
32.5°	14995.5	15859.7	16463.0	16935.5	17133.2	17221.5	17061.2	16826.8	16376.2	15957.0	15536.7
35°	12800.4	13672.7	14281.1	14741.0	14906.8	14960.0	14754.9	14484.0	13984.8	13524.7	13066.5
37.5°	10560.6	11372.3	11925.2	12337.9	12440.5	12449.7	12202.6	11903.5	11378.8	10925.1	10468.9
40°	8340.3	9024.7	9471.2	9801.5	9837.1	9805.3	9536.8	9235.7	8744.8	8338.4	7937.9
42.5°	6248.8	6765.4	7083.9	7310.3	7296.8	7234.1	6987.9	6729.1	6324.1	6014.5	5699.4
45°	4456.9	4797.6	4983.9	5116.3	5073.8	5014.0	4822.3	4641.0	4365.7	4165.7	3954.0
47.5°	3096.3	3503.1	3432.3	3691.3	3468.1	3615.5	3308.6	3139.4	2993.3	2887.1	2767.4
50°	2216.6	2309.9	2354.9	2385.7	2369.4	2346.6	2291.6	2242.3	2175.5	2126.9	2070.2
52.5°	1711.9	1758.5	1784.0	1802.5	1798.9	1790.6	1766.6	1744.6	1713.4	1692.8	1667.9
55°	1450.1	1450.7	1497.6	1477.5	1507.3	1472.4	1486.2	1447.5	1453.8	1420.6	1398.3
57.5°	1204.9	1224.1	1232.6	1240.9	1238.6	1237.2	1227.8	1223.2	1212.7	1209.5	1202.0
60°	1059.9	1069.9	1072.0	1075.8	1072.6	1071.3	1064.1	1061.4	1054.4	1053.1	1048.2
62.5°	960.5	965.5	965.5	965.5	961.4	957.4	949.3	945.1	939.1	937.7	934.9
65°	877.5	882.8	883.7	884.7	881.7	878.6	871.4	866.9	860.8	858.3	855.0
67.5°	791.8	797.5	799.4	802.2	800.5	799.9	795.0	793.2	789.1	788.1	785.1
70°	724.5	726.9	726.7	726.6	722.8	719.4	713.8	711.1	706.9	706.0	703.2
72.5°	684.5	686.2	685.1	683.7	678.7	673.7	667.1	662.2	656.7	653.2	649.3
75°	628.2	630.4	629.0	628.0	623.6	620.3	615.0	612.3	608.4	607.3	604.5
77.5°	559.0	560.1	557.9	557.6	554.2	552.1	548.1	547.4	544.6	544.6	542.0
80°	482.0	481.4	477.8	477.1	473.7	472.8	469.7	469.9	467.7	468.6	466.8
82.5°	396.6	394.5	389.7	388.3	384.4	384.1	381.9	383.7	382.3	384.4	383.2
85°	284.3	284.8	282.8	282.8	281.6	282.0	281.8	283.1	283.3	285.2	285.1
87.5°	158.4	160.8	160.3	162.4	162.3	164.7	165.4	168.9	169.3	172.5	172.5
90°	41.0	45.2	45.0	49.4	49.5	53.7	54.5	58.6	59.0	62.6	62.3
92.5°	3.7	3.7	3.8	3.7	3.7	3.6	3.9	3.6	3.7	3.6	3.6
95°	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0
97.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.5	4.5	4.5
100°	5.2	5.2	5.3	5.2	5.2	5.2	5.2	5.2	5.2	5.1	5.1
102.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
105°	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.2	7.2	7.2	7.2
107.5°	8.5	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
110°	10.2	10.2	10.3	10.3	10.5	10.5	10.5	10.5	10.6	10.5	10.5



TEST NUMBER: P1444673
 CATALOG NUMBER: EHBR1-30-UNV-TA-L930

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	12.0	12.2	12.4	12.4	12.6	12.6	12.7	12.7	12.8	12.7	12.8
115°	14.3	14.6	14.8	14.9	15.1	15.1	15.3	15.3	15.5	15.5	15.5
117.5°	17.0	17.3	17.6	17.8	18.0	18.2	18.4	18.4	18.5	18.5	18.6
120°	19.9	20.2	20.7	20.9	21.3	21.5	21.7	21.8	22.0	22.0	22.1
122.5°	23.3	23.6	24.1	24.4	24.9	25.1	25.4	25.7	25.8	25.8	25.9
125°	27.0	27.4	28.0	28.3	28.8	29.1	29.5	29.7	29.9	29.9	30.0
127.5°	30.9	31.5	32.0	32.4	33.1	33.3	33.8	34.0	34.3	34.3	34.4
130°	35.0	35.6	36.3	36.8	37.3	37.8	38.3	38.4	38.8	38.8	38.9
132.5°	39.5	40.0	40.7	41.3	41.8	42.2	42.8	43.0	43.3	43.3	43.4
135°	43.9	44.5	45.1	45.6	46.3	46.8	47.2	47.5	47.9	47.9	47.9
137.5°	48.3	48.8	49.5	50.0	50.6	51.1	51.5	51.7	52.0	52.1	52.1
140°	52.6	53.0	53.7	54.2	54.7	55.1	55.5	55.8	56.1	56.1	56.2
142.5°	56.8	57.1	57.8	58.2	58.5	58.9	59.3	59.5	59.8	59.9	59.9
145°	60.7	61.0	61.5	61.8	62.1	62.4	62.7	63.0	63.1	63.1	63.2
147.5°	64.6	64.8	65.0	65.2	65.7	65.9	66.0	66.1	66.4	66.4	66.4
150°	68.2	68.3	68.4	68.5	68.7	68.8	68.9	69.1	69.2	69.1	69.1
152.5°	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.5
155°	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.8	74.6	74.4	74.2
157.5°	78.6	78.4	78.6	78.4	78.3	78.2	78.2	77.9	77.8	77.5	77.3
160°	82.2	82.1	82.1	82.0	81.8	81.6	81.6	81.3	81.1	80.7	80.5
162.5°	85.5	85.5	85.5	85.4	85.2	85.1	84.9	84.7	84.5	84.1	83.9
165°	88.8	88.8	88.8	88.6	88.5	88.3	88.2	88.0	87.8	87.4	87.2
167.5°	91.7	91.7	91.6	91.5	91.4	91.3	91.2	90.9	90.7	90.4	90.2
170°	94.1	94.0	94.0	93.9	93.7	93.7	93.5	93.3	93.0	92.9	92.6
172.5°	95.6	95.6	95.5	95.4	95.4	95.3	95.1	95.0	94.8	94.6	94.5
175°	96.7	96.7	96.5	96.5	96.4	96.3	96.2	96.2	96.0	95.9	95.7
177.5°	97.3	97.3	97.1	97.1	97.0	97.0	97.0	96.9	96.9	96.8	96.7
180°	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1



TEST NUMBER: P1444673
 CATALOG NUMBER: EHBR1-30-UNV-TA-L930

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	23418.5	23418.5
2.5°	23509.2	23508.0
5°	23596.7	23595.2
7.5°	23663.1	23662.7
10°	23670.9	23675.0
12.5°	23623.7	23627.0
15°	23485.8	23492.2
17.5°	23222.1	23230.6
20°	22767.8	22776.6
22.5°	22032.2	22035.8
25°	20962.6	20947.5
27.5°	19504.5	19478.4
30°	17651.0	17625.7
32.5°	15440.9	15425.2
35°	12953.2	12943.3
37.5°	10334.1	10313.9
40°	7791.5	7732.3
42.5°	5561.3	5457.5
45°	3843.4	3720.2
47.5°	2683.0	2606.9
50°	2033.7	2009.2
52.5°	1657.1	1651.4
55°	1398.2	1395.7
57.5°	1203.7	1202.8
60°	1050.8	1050.6
62.5°	936.9	937.3
65°	856.6	856.7
67.5°	785.9	785.4
70°	704.3	703.6
72.5°	647.9	647.1
75°	604.5	604.0
77.5°	542.8	541.8
80°	467.9	466.8
82.5°	384.9	383.5
85°	287.1	287.2
87.5°	175.6	175.6
90°	65.8	65.0
92.5°	3.7	3.9
95°	4.0	4.0
97.5°	4.5	4.5
100°	5.1	5.1
102.5°	6.1	6.1
105°	7.2	7.2
107.5°	8.6	8.6
110°	10.5	10.5



TEST NUMBER: P1444673
CATALOG NUMBER: EHBR1-30-UNV-TA-L930

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	12.7	12.7
115°	15.3	15.3
117.5°	18.5	18.4
120°	21.9	21.9
122.5°	25.8	25.7
125°	29.9	29.8
127.5°	34.2	34.0
130°	38.5	38.4
132.5°	43.2	43.0
135°	47.7	47.5
137.5°	51.9	51.7
140°	56.0	55.8
142.5°	59.8	59.6
145°	63.1	62.9
147.5°	66.0	65.9
150°	68.8	68.6
152.5°	71.1	70.9
155°	73.9	73.6
157.5°	76.8	76.5
160°	80.0	79.8
162.5°	83.4	83.1
165°	86.7	86.4
167.5°	89.7	89.6
170°	92.3	92.1
172.5°	94.3	94.1
175°	95.6	95.5
177.5°	96.7	96.5
180°	97.1	97.1

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-5

Test Date: 08/01/2025

Luminaire Tested: EHBR-60-L930-N

Data in this report applies to families of products including EHBR-60-L930-N

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-472-5
 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-L930-N**
 Description: Elevate Round Highbay at, 60000 lumens, 3000K 90CRI LEDs with N lens

Spectral Parameters

CCT (K): 2996
 CIE u': 0.2519
 CIE v': 0.5169
 Duv: -0.0033
 CIE x: 0.4325
 CIE y: 0.3945
 CIE z: 0.1730
 Peak Wavelength (nm): 630
 Dominant Wavelength (nm): 584
 Purity: 48.21818
 Rf: 91.3
 Rg: 102

CRI (Ra):	94.4		
R1:	96.8	R9:	61.4
R2:	98.1	R10:	94.4
R3:	97.8	R11:	95.7
R4:	95.6	R12:	88.5
R5:	96.9	R13:	97.3
R6:	95.7	R14:	97.8
R7:	90.9	R15:	92.3
R8:	83.0		



Test Conditions

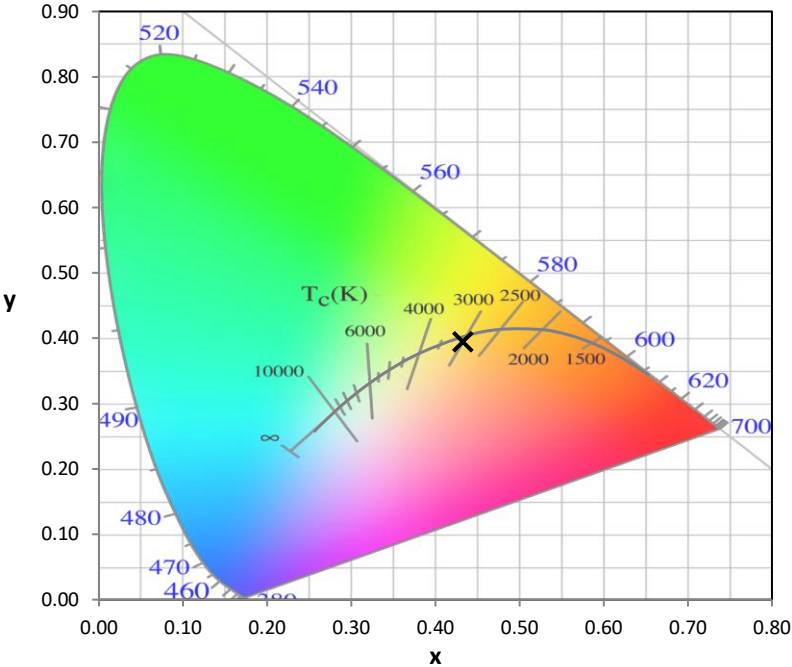
Stabilization Time: 40M
 Operation Time: 1H 40M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2506-472-5

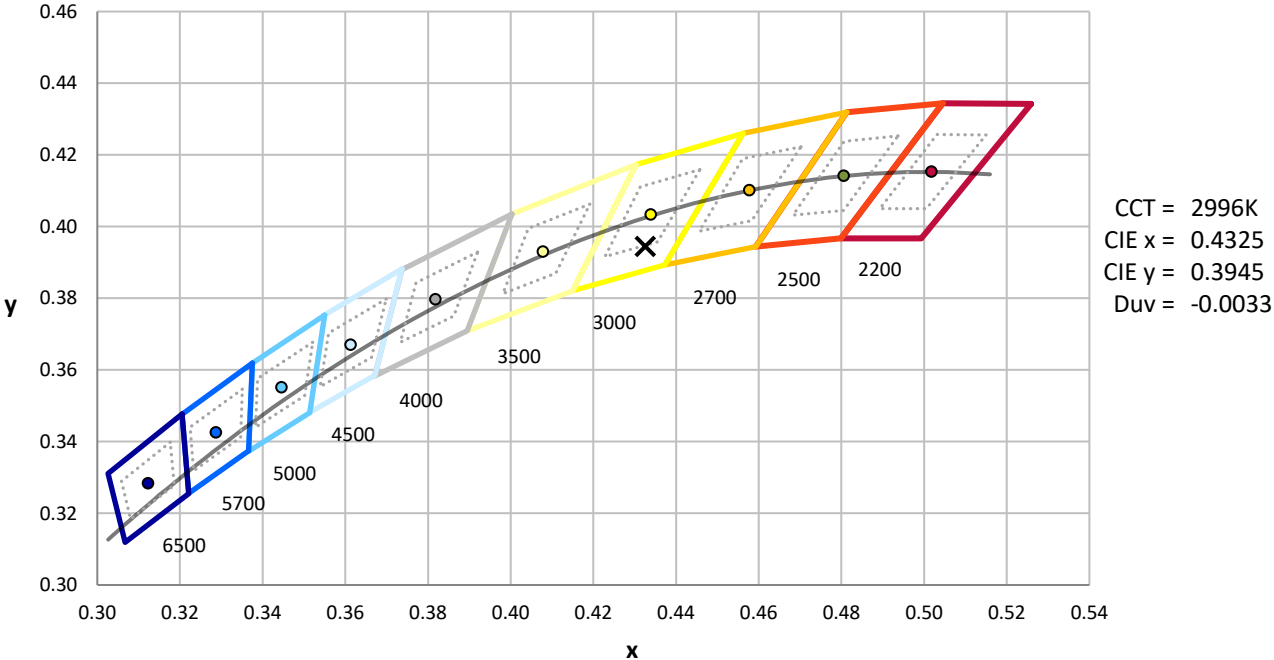
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208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



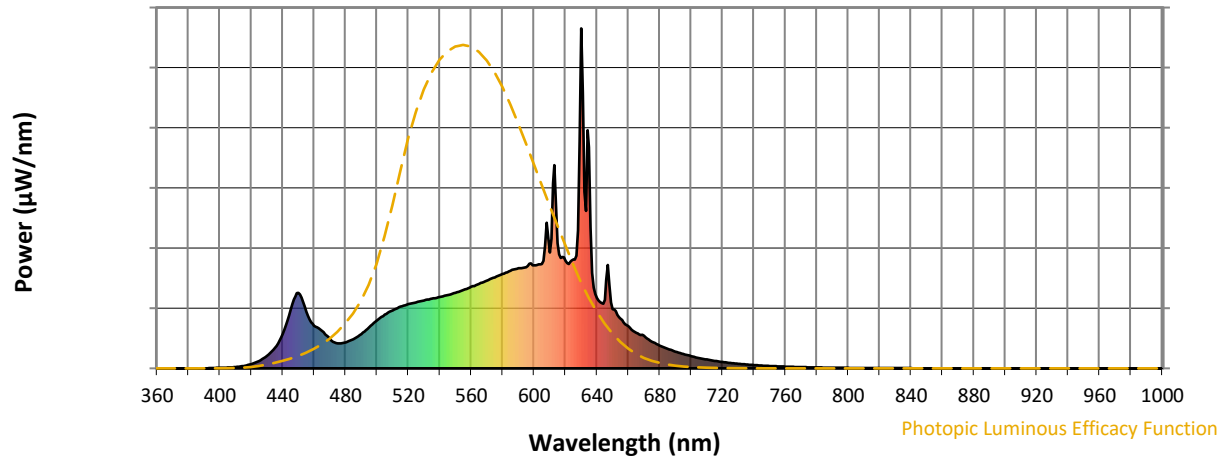
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 7-step quadrangle

REPORT NUMBER: SP1-2506-472-5

Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W^{\wedge}/nm	Lumens (ϕ/nm)	λ (nm)	Power W^{\wedge}/nm	Lumens (ϕ/nm)	λ (nm)	Power W^{\wedge}/nm	Lumens (ϕ/nm)	λ (nm)	Power W^{\wedge}/nm	Lumens (ϕ/nm)	λ (nm)	Power W^{\wedge}/nm	Lumens (ϕ/nm)
360	0	NR	490	101	NR	620	317	NR	750	7	NR	880	0	NR
365	0	NR	495	121	NR	625	320	NR	755	6	NR	885	0	NR
370	0	NR	500	141	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	158	NR	635	651	NR	765	4	NR	895	0	NR
380	0	NR	510	171	NR	640	207	NR	770	4	NR	900	0	NR
385	0	NR	515	182	NR	645	201	NR	775	3	NR	905	0	NR
390	0	NR	520	189	NR	650	174	NR	780	3	NR	910	0	NR
395	1	NR	525	194	NR	655	146	NR	785	2	NR	915	0	NR
400	1	NR	530	199	NR	660	124	NR	790	2	NR	920	0	NR
405	3	NR	535	205	NR	665	105	NR	795	2	NR	925	0	NR
410	4	NR	540	210	NR	670	96	NR	800	1	NR	930	0	NR
415	7	NR	545	216	NR	675	79	NR	805	1	NR	935	0	NR
420	13	NR	550	222	NR	680	67	NR	810	1	NR	940	0	NR
425	22	NR	555	230	NR	685	58	NR	815	1	NR	945	0	NR
430	37	NR	560	240	NR	690	49	NR	820	1	NR	950	0	NR
435	60	NR	565	248	NR	695	42	NR	825	1	NR	955	0	NR
440	101	NR	570	258	NR	700	36	NR	830	1	NR	960	0	NR
445	172	NR	575	268	NR	705	30	NR	835	1	NR	965	0	NR
450	223	NR	580	278	NR	710	26	NR	840	1	NR	970	0	NR
455	167	NR	585	287	NR	715	22	NR	845	0	NR	975	0	NR
460	126	NR	590	295	NR	720	19	NR	850	0	NR	980	0	NR
465	111	NR	595	298	NR	725	16	NR	855	0	NR	985	0	NR
470	86	NR	600	303	NR	730	14	NR	860	0	NR	990	0	NR
475	74	NR	605	307	NR	735	12	NR	865	0	NR	995	0	NR
480	77	NR	610	341	NR	740	10	NR	870	0	NR	1000	0	NR
485	86	NR	615	368	NR	745	8	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



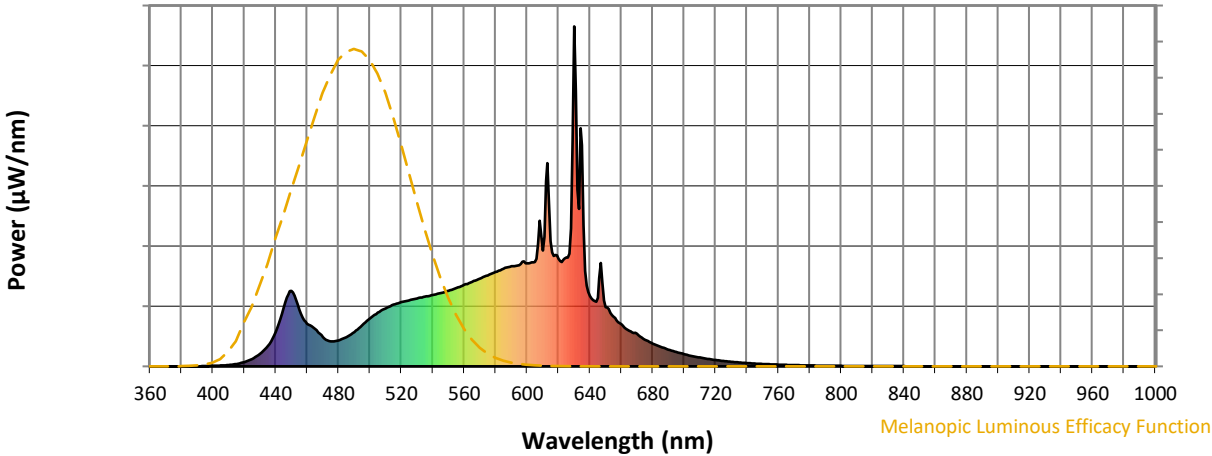
Scotopic Lumens: NR

S/P: 1.44

λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)
360	0	NR	490	101	NR	620	317	NR	750	7	NR	880	0	NR
365	0	NR	495	121	NR	625	320	NR	755	6	NR	885	0	NR
370	0	NR	500	141	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	158	NR	635	651	NR	765	4	NR	895	0	NR
380	0	NR	510	171	NR	640	207	NR	770	4	NR	900	0	NR
385	0	NR	515	182	NR	645	201	NR	775	3	NR	905	0	NR
390	0	NR	520	189	NR	650	174	NR	780	3	NR	910	0	NR
395	1	NR	525	194	NR	655	146	NR	785	2	NR	915	0	NR
400	1	NR	530	199	NR	660	124	NR	790	2	NR	920	0	NR
405	3	NR	535	205	NR	665	105	NR	795	2	NR	925	0	NR
410	4	NR	540	210	NR	670	96	NR	800	1	NR	930	0	NR
415	7	NR	545	216	NR	675	79	NR	805	1	NR	935	0	NR
420	13	NR	550	222	NR	680	67	NR	810	1	NR	940	0	NR
425	22	NR	555	230	NR	685	58	NR	815	1	NR	945	0	NR
430	37	NR	560	240	NR	690	49	NR	820	1	NR	950	0	NR
435	60	NR	565	248	NR	695	42	NR	825	1	NR	955	0	NR
440	101	NR	570	258	NR	700	36	NR	830	1	NR	960	0	NR
445	172	NR	575	268	NR	705	30	NR	835	1	NR	965	0	NR
450	223	NR	580	278	NR	710	26	NR	840	1	NR	970	0	NR
455	167	NR	585	287	NR	715	22	NR	845	0	NR	975	0	NR
460	126	NR	590	295	NR	720	19	NR	850	0	NR	980	0	NR
465	111	NR	595	298	NR	725	16	NR	855	0	NR	985	0	NR
470	86	NR	600	303	NR	730	14	NR	860	0	NR	990	0	NR
475	74	NR	605	307	NR	735	12	NR	865	0	NR	995	0	NR
480	77	NR	610	341	NR	740	10	NR	870	0	NR	1000	0	NR
485	86	NR	615	368	NR	745	8	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-5

Melanopic Flux vs. Wavelength



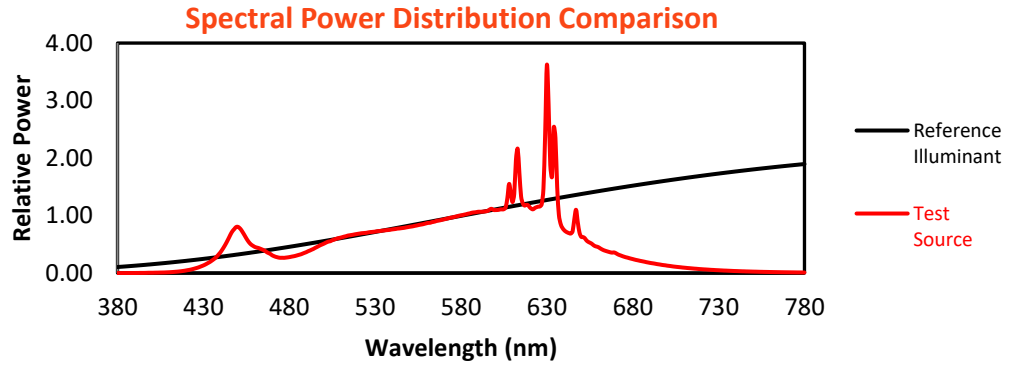
Melanopic Lumens: NR

M/P: 2.85

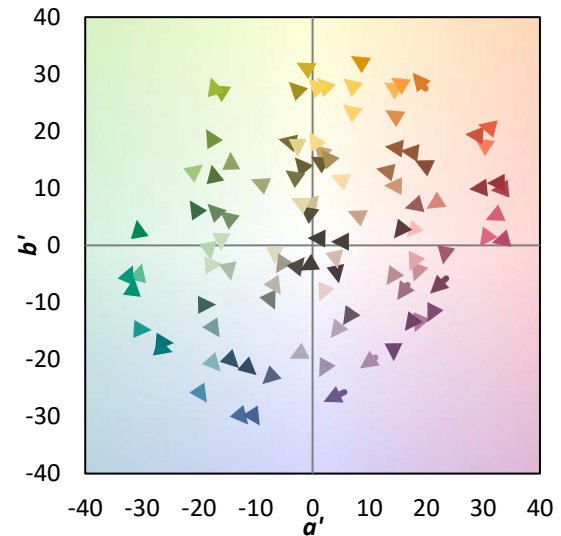
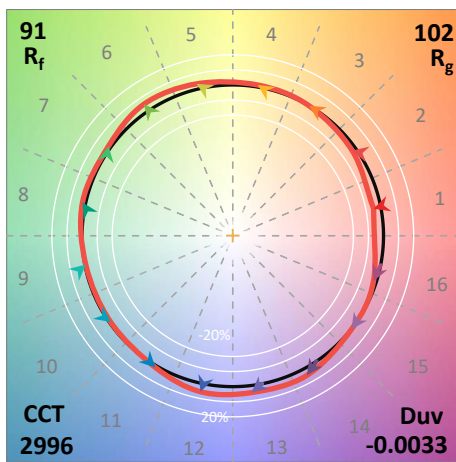
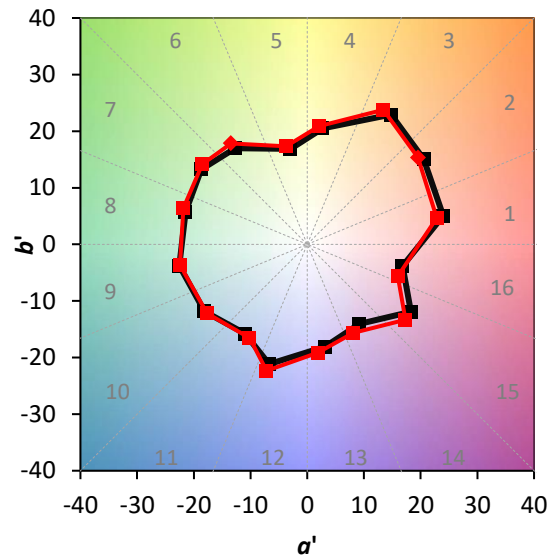
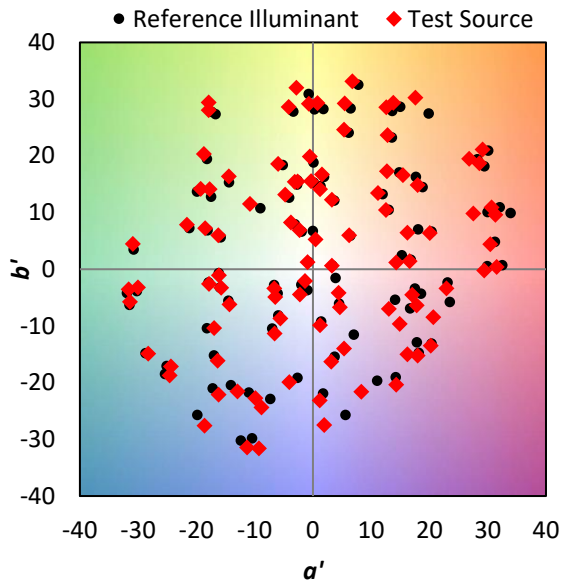
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	101	NR	620	317	NR	750	7	NR	880	0	NR
365	0	NR	495	121	NR	625	320	NR	755	6	NR	885	0	NR
370	0	NR	500	141	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	158	NR	635	651	NR	765	4	NR	895	0	NR
380	0	NR	510	171	NR	640	207	NR	770	4	NR	900	0	NR
385	0	NR	515	182	NR	645	201	NR	775	3	NR	905	0	NR
390	0	NR	520	189	NR	650	174	NR	780	3	NR	910	0	NR
395	1	NR	525	194	NR	655	146	NR	785	2	NR	915	0	NR
400	1	NR	530	199	NR	660	124	NR	790	2	NR	920	0	NR
405	3	NR	535	205	NR	665	105	NR	795	2	NR	925	0	NR
410	4	NR	540	210	NR	670	96	NR	800	1	NR	930	0	NR
415	7	NR	545	216	NR	675	79	NR	805	1	NR	935	0	NR
420	13	NR	550	222	NR	680	67	NR	810	1	NR	940	0	NR
425	22	NR	555	230	NR	685	58	NR	815	1	NR	945	0	NR
430	37	NR	560	240	NR	690	49	NR	820	1	NR	950	0	NR
435	60	NR	565	248	NR	695	42	NR	825	1	NR	955	0	NR
440	101	NR	570	258	NR	700	36	NR	830	1	NR	960	0	NR
445	172	NR	575	268	NR	705	30	NR	835	1	NR	965	0	NR
450	223	NR	580	278	NR	710	26	NR	840	1	NR	970	0	NR
455	167	NR	585	287	NR	715	22	NR	845	0	NR	975	0	NR
460	126	NR	590	295	NR	720	19	NR	850	0	NR	980	0	NR
465	111	NR	595	298	NR	725	16	NR	855	0	NR	985	0	NR
470	86	NR	600	303	NR	730	14	NR	860	0	NR	990	0	NR
475	74	NR	605	307	NR	735	12	NR	865	0	NR	995	0	NR
480	77	NR	610	341	NR	740	10	NR	870	0	NR	1000	0	NR
485	86	NR	615	368	NR	745	8	NR	875	0	NR			

Summary

$R_f = 91.3$
 $R_g = 102$
 $CIE R_a = 94.4$
 $R_9 = 61.4$

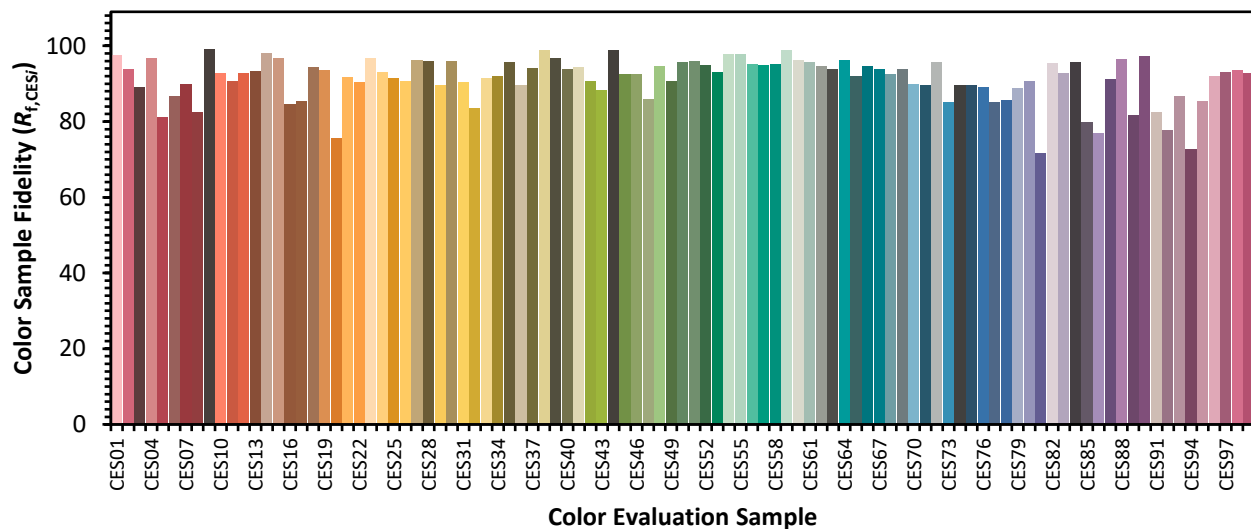


Color Vector Graphics

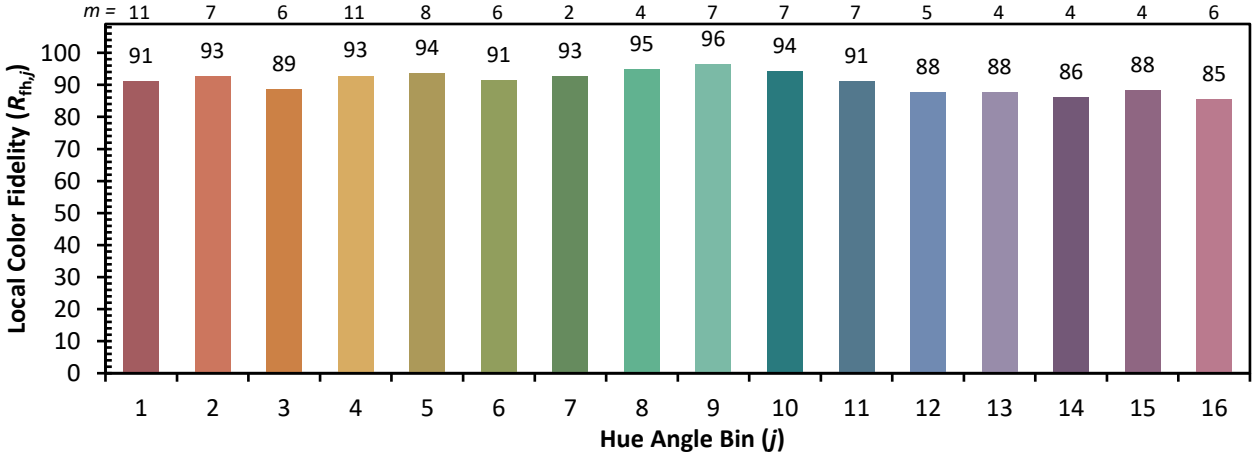


Individual Sample Fidelity Index ($R_{f,i}$)

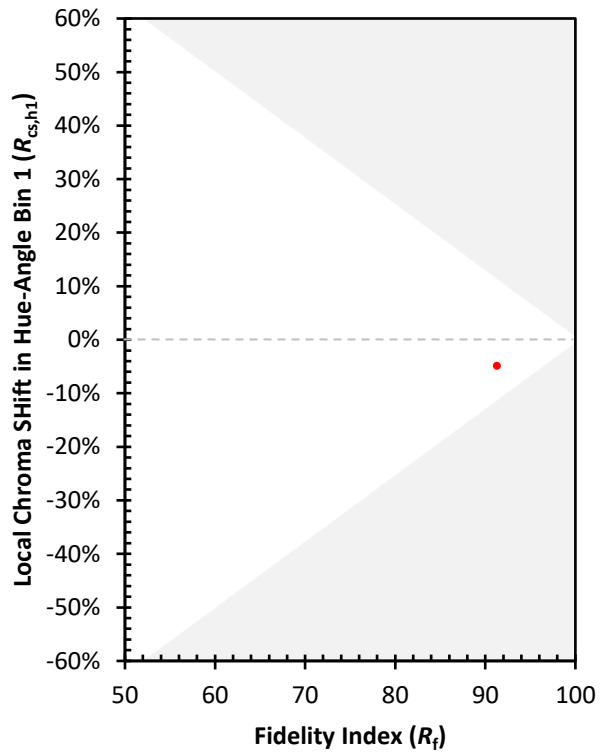
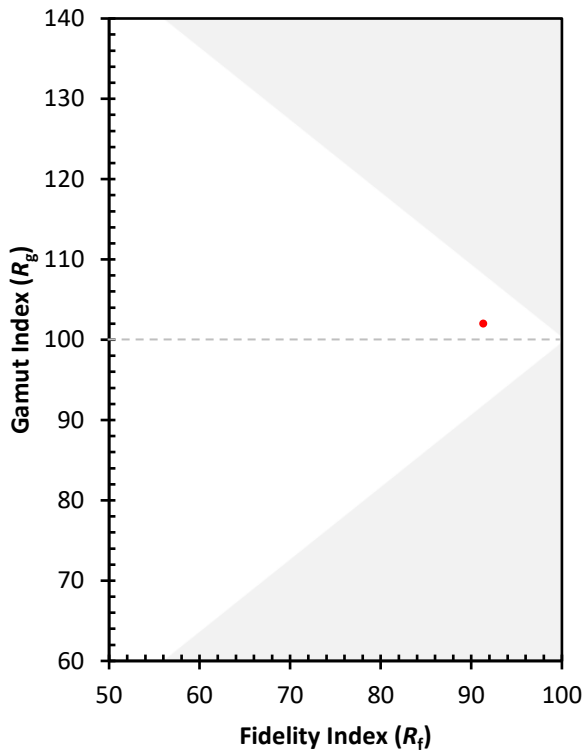
CES01 = 86	CES26 = 91	CES51 = 96	CES76 = 89
CES02 = 63	CES27 = 96	CES52 = 95	CES77 = 85
CES03 = 32	CES28 = 96	CES53 = 93	CES78 = 86
CES04 = 70	CES29 = 90	CES54 = 98	CES79 = 89
CES05 = 51	CES30 = 96	CES55 = 98	CES80 = 91
CES06 = 51	CES31 = 90	CES56 = 95	CES81 = 72
CES07 = 44	CES32 = 84	CES57 = 95	CES82 = 95
CES08 = 42	CES33 = 91	CES58 = 95	CES83 = 93
CES09 = 29	CES34 = 92	CES59 = 99	CES84 = 96
CES10 = 76	CES35 = 96	CES60 = 96	CES85 = 80
CES11 = 59	CES36 = 90	CES61 = 96	CES86 = 77
CES12 = 65	CES37 = 94	CES62 = 95	CES87 = 91
CES13 = 44	CES38 = 99	CES63 = 94	CES88 = 96
CES14 = 74	CES39 = 97	CES64 = 96	CES89 = 82
CES15 = 72	CES40 = 94	CES65 = 92	CES90 = 97
CES16 = 48	CES41 = 94	CES66 = 95	CES91 = 82
CES17 = 50	CES42 = 91	CES67 = 94	CES92 = 78
CES18 = 57	CES43 = 88	CES68 = 93	CES93 = 87
CES19 = 72	CES44 = 99	CES69 = 94	CES94 = 73
CES20 = 67	CES45 = 93	CES70 = 90	CES95 = 85
CES21 = 86	CES46 = 93	CES71 = 90	CES96 = 92
CES22 = 79	CES47 = 86	CES72 = 96	CES97 = 93
CES23 = 92	CES48 = 95	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 91	CES74 = 90	CES99 = 93
CES25 = 72	CES50 = 96	CES75 = 90	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)