

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: P1444551

Luminaire Tested: EHBR1-48-UNV-TA-L835-UPL36

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444551
REPORT IS A COMBINATION OF REPORTS P1444351 AND P1431635
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-48-UNV-TA-L835-UPL36
Description: Elevate Round Highbay at, 48000 lumens, 3500K 80CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

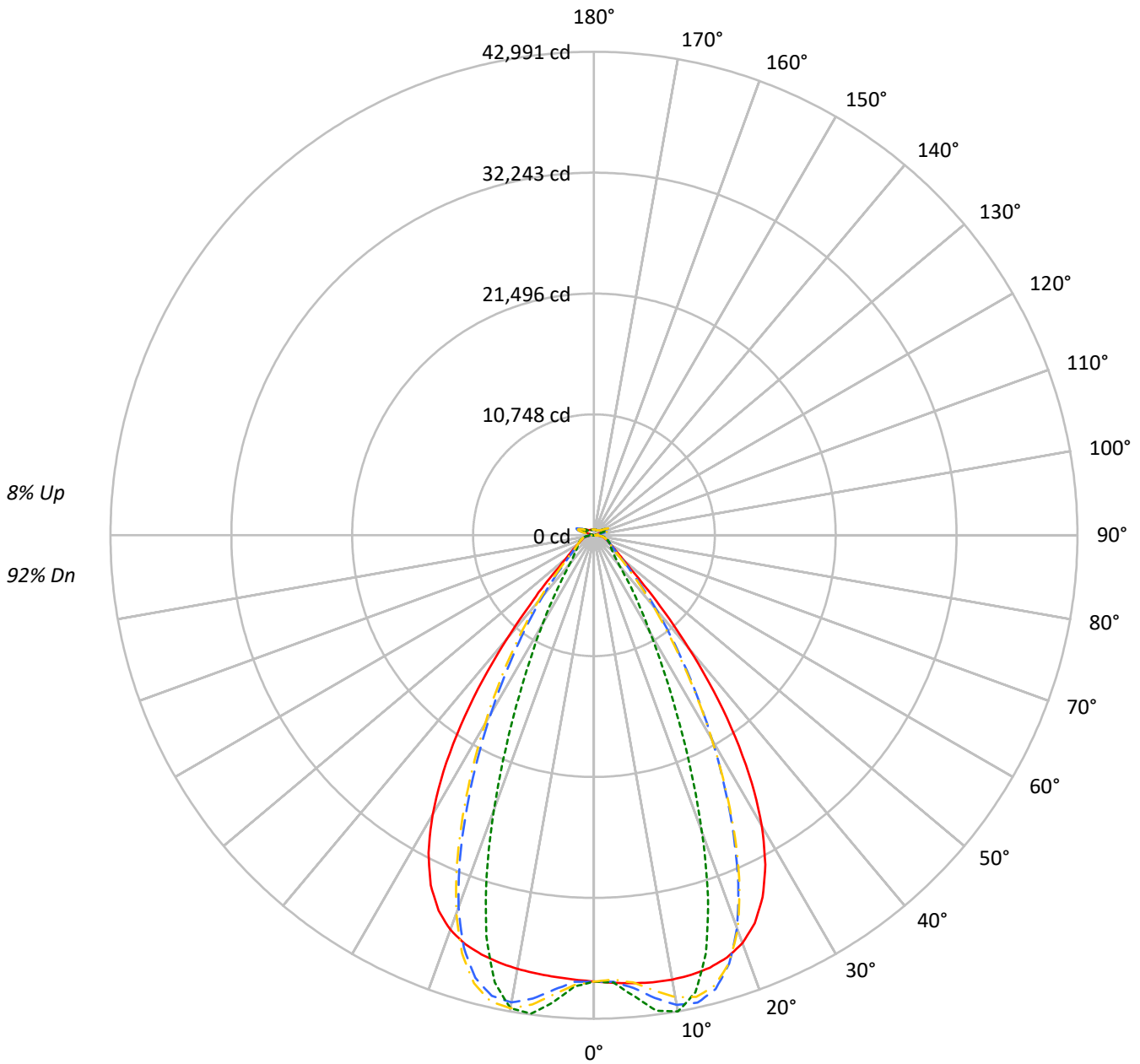
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 49514.6 lumens
Efficiency: N/A
Efficacy: 172.5 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): 287
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: P1444551
CATALOG NUMBER: EHBR1-48-UNV-TA-L835-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				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	114	114	114	114	107	107	107	101	101	101	95	95	95	95	95	95	92
1	110	107	103	101	107	104	101	98	98	96	94	93	91	90	88	87	86	88	87	86	83
2	103	97	92	88	100	95	90	87	90	87	84	86	83	81	82	80	78	82	80	78	76
3	97	89	83	79	94	87	82	77	83	79	75	80	76	73	77	74	71	77	74	71	69
4	91	82	76	71	89	81	75	70	77	72	68	74	70	67	72	68	65	72	68	65	63
5	86	76	69	64	83	75	68	64	72	67	62	69	65	61	67	63	60	67	63	60	58
6	81	71	64	59	79	69	63	59	67	62	57	65	60	56	63	59	55	63	59	55	54
7	76	66	59	54	74	65	59	54	63	57	53	61	56	52	59	55	52	59	55	52	50
8	72	62	55	50	71	61	54	50	59	53	49	57	52	49	56	51	48	56	51	48	46
9	68	58	51	47	67	57	51	47	55	50	46	54	49	45	53	48	45	53	48	45	43
10	65	54	48	44	64	54	48	44	52	47	43	51	46	43	50	45	42	50	45	42	41

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	186360	186360	186360	186360
5°	187263	192723	184642	195247
10°	188826	202345	184298	201006
15°	189752	183424	183976	176039
20°	187790	136644	181644	126429
25°	177751	86420	171877	78410
30°	155279	51932	149264	47461
35°	119504	32587	112629	28866
40°	75597	20441	69165	19208
45°	38964	15925	38319	15663
50°	22844	14165	22144	13944
55°	17501	13402	16854	13281
60°	14808	13690	14178	13512
65°	13909	14296	13376	13809
70°	13588	14970	12911	14407
75°	14529	15876	13744	15174
80°	15034	17579	13631	16047
85°	14161	16963	11443	14524

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 59629 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3911.0	7.9
10°-20°	11001.9	22.2
20°-30°	12530.3	25.3
30°-40°	9006.2	18.2
40°-50°	4153.7	8.4
50°-60°	1987.7	4.0
60°-70°	1450.3	2.9
70°-80°	1101.8	2.2
80°-90°	507.5	1.0
90°-100°	110.2	0.2
100°-110°	634.1	1.3
110°-120°	1171.4	2.4
120°-130°	716.5	1.4
130°-140°	460.4	0.9
140°-150°	341.4	0.7
150°-160°	237.8	0.5
160°-170°	143.4	0.3
170°-180°	49.1	0.1
0°-30°	27443.2	55.4
0°-40°	36449.5	73.6
0°-60°	42590.9	86.0
0°-90°	45650.5	92.2
90°-120°	1915.6	3.9
90°-150°	3433.9	6.9
90°-180°	3864.0	7.8
0°-180°	49514.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	39684	39684	39684	39684	39684	
5°	39984	41149	39424	41688	39984	3821
15°	39809	38481	38597	36932	39809	11216
25°	35497	17258	34324	15658	35497	16091
35°	21933	5981	20672	5298	21933	13461
45°	6304	2577	6200	2534	6304	5362
55°	2365	1811	2278	1795	2365	2183
65°	1452	1492	1396	1441	1452	1450
75°	1024	1118	968	1069	1024	1064
85°	487	583	393	499	487	457
90°	136	171	42	51	136	84
95°	50	56	50	56	50	48
105°	228	295	153	295	228	303
115°	1022	1239	1070	1239	1022	943
125°	768	806	870	807	768	700
135°	604	536	650	540	604	471
145°	537	521	571	527	537	339
155°	502	503	534	508	502	233
165°	499	499	518	502	499	142
175°	511	516	520	517	511	49
180°	518	518	518	518	518	



TEST NUMBER: P1444551
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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39835.8	39832.5	39831.9	39829.2	39828.4	39828.4	39827.1	39823.9	39821.8	39817.3	39812.1
5°	39983.6	39981.8	39982.9	39983.2	39980.4	39974.1	39964.5	39952.5	39937.5	39923.4	39910.7
7.5°	40097.9	40100.7	40104.2	40103.4	40094.8	40080.2	40060.3	40049.2	40055.8	40077.4	40126.9
10°	40118.7	40135.8	40142.4	40140.3	40123.0	40110.5	40115.3	40157.4	40241.1	40352.7	40505.4
12.5°	40037.4	40058.3	40057.5	40050.6	40033.9	40050.9	40111.8	40237.0	40416.4	40636.6	40894.8
15°	39809.0	39836.1	39828.4	39819.4	39808.2	39864.3	39985.9	40203.3	40480.4	40790.9	41108.7
17.5°	39365.5	39398.2	39382.3	39372.2	39362.8	39467.8	39676.8	39995.0	40344.1	40695.3	40996.5
20°	38596.4	38618.3	38580.5	38562.7	38577.7	38783.5	39091.3	39497.8	39865.6	40197.7	40403.6
22.5°	37341.0	37368.3	37297.2	37289.0	37376.7	37692.7	38082.2	38536.7	38882.3	39145.5	39224.8
25°	35496.7	35523.6	35439.1	35489.6	35638.7	36069.2	36533.1	37019.1	37314.0	37509.1	37455.2
27.5°	33007.4	33031.9	32951.8	33054.7	33290.6	33856.1	34402.1	34929.4	35192.2	35328.8	35155.7
30°	29867.8	29918.5	29824.0	29967.7	30327.6	31061.9	31687.4	32278.7	32540.7	32644.7	32375.2
32.5°	26138.9	26211.1	26106.8	26320.6	26822.8	27705.0	28415.5	29076.1	29366.0	29484.7	29180.4
35°	21933.2	22036.7	21917.1	22238.0	22857.3	23839.7	24626.5	25364.1	25707.3	25875.7	25569.0
37.5°	17477.4	17576.1	17511.3	17939.5	18619.6	19637.8	20441.0	21236.6	21624.3	21876.9	21635.0
40°	13102.9	13193.1	13242.1	13731.8	14371.3	15331.1	16102.4	16889.7	17323.4	17640.4	17491.3
42.5°	9248.0	9339.1	9505.6	9978.0	10511.4	11305.8	11966.6	12673.4	13087.6	13425.8	13368.3
45°	6304.2	6410.0	6618.4	7005.3	7391.0	7961.0	8446.2	8995.9	9334.3	9644.1	9647.7
47.5°	4417.7	4492.0	4678.3	4942.4	5194.0	5907.4	5936.7	6206.8	6434.3	6665.8	6695.8
50°	3404.6	3449.3	3548.1	3695.4	3837.9	4023.1	4192.6	4388.4	4528.4	4655.3	4685.6
52.5°	2798.4	2826.7	2877.1	2956.8	3039.5	3140.2	3231.0	3338.4	3414.6	3482.6	3496.8
55°	2365.1	2388.7	2463.5	2478.6	2573.2	2591.4	2631.7	2697.2	2741.5	2782.2	2792.3
57.5°	2038.1	2055.2	2071.1	2105.0	2134.2	2176.5	2210.6	2257.6	2285.5	2315.0	2317.5
60°	1780.2	1792.5	1803.9	1827.4	1847.2	1876.7	1900.2	1932.1	1952.1	1974.1	1976.7
62.5°	1588.2	1597.1	1604.6	1620.1	1634.3	1657.0	1675.6	1702.3	1720.9	1737.9	1741.8
65°	1451.8	1458.2	1463.1	1474.9	1487.2	1506.5	1523.4	1545.2	1558.9	1571.9	1574.8
67.5°	1330.9	1337.0	1342.1	1352.8	1361.3	1375.7	1387.0	1403.4	1413.7	1424.1	1424.4
70°	1192.3	1198.1	1201.8	1211.9	1218.8	1231.1	1240.2	1255.0	1265.5	1277.2	1280.1
72.5°	1096.4	1099.8	1105.0	1114.1	1123.7	1136.9	1149.1	1164.4	1177.2	1189.2	1194.4
75°	1023.5	1027.5	1030.8	1038.7	1045.3	1056.4	1065.5	1079.5	1090.7	1103.6	1109.9
77.5°	918.2	922.8	925.7	933.5	939.2	949.9	956.7	969.2	978.3	990.1	995.8
80°	790.9	795.2	797.3	804.7	809.2	819.0	825.6	837.8	845.4	857.1	864.0
82.5°	649.9	654.0	655.2	662.2	664.7	672.7	677.6	689.9	699.3	714.6	725.2
85°	486.7	488.1	490.5	488.7	498.6	499.2	510.3	512.4	527.1	531.0	547.7
87.5°	297.6	301.9	304.2	311.0	313.9	320.7	322.7	329.9	333.8	342.1	346.0
90°	135.9	143.4	146.3	155.1	157.9	165.6	168.0	176.8	179.7	188.6	193.1
92.5°	44.3	47.2	49.9	53.2	56.0	59.8	63.1	66.3	69.2	72.9	78.8
95°	50.4	53.7	57.0	60.3	63.6	67.0	70.3	73.6	76.9	80.2	89.7
97.5°	63.2	66.1	68.9	71.8	74.7	77.6	80.4	83.3	86.1	88.8	100.3
100°	82.0	84.5	86.9	89.3	91.7	94.2	96.6	99.0	101.4	103.8	125.1
102.5°	135.3	143.9	152.4	161.1	169.6	178.1	186.7	195.3	203.8	212.4	257.5
105°	228.3	251.5	275.1	298.3	321.6	345.0	368.4	391.4	414.8	438.1	511.7
107.5°	389.4	432.5	475.7	518.8	562.1	605.0	648.3	691.3	734.4	777.2	851.9
110°	717.9	752.4	787.2	821.9	856.5	891.4	926.1	960.4	995.2	1029.7	1084.3



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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°	967.7	983.3	998.9	1014.7	1030.3	1045.8	1061.4	1077.1	1092.8	1108.2	1147.2
115°	1021.6	1027.0	1032.6	1037.9	1043.5	1048.8	1054.3	1059.6	1065.0	1070.2	1096.5
117.5°	993.2	992.1	991.0	990.2	988.9	987.8	986.7	985.5	984.3	983.0	997.8
120°	927.7	922.8	918.0	912.9	908.0	902.9	898.0	892.9	887.7	882.5	888.9
122.5°	844.7	838.9	833.3	827.2	821.3	815.2	809.2	802.7	796.8	790.7	793.0
125°	768.3	762.3	756.8	750.6	744.4	738.2	732.1	725.8	719.7	713.1	714.2
127.5°	702.3	698.2	694.0	689.5	685.0	680.5	675.9	671.2	666.7	661.8	662.0
130°	660.1	656.4	652.6	648.6	644.6	640.2	636.0	631.7	627.5	623.0	623.4
132.5°	626.2	623.7	620.8	617.9	614.8	611.4	608.3	604.8	601.6	598.4	598.7
135°	604.1	601.5	599.1	596.2	593.4	590.2	587.1	583.8	580.8	577.4	578.2
137.5°	585.5	583.1	580.9	578.2	575.6	572.5	569.7	566.6	563.7	560.5	561.2
140°	568.6	566.5	564.4	561.8	559.5	556.9	554.0	551.2	548.5	545.5	546.6
142.5°	549.3	547.5	545.9	543.9	542.0	539.5	537.4	534.8	532.6	530.2	531.6
145°	537.1	535.6	534.3	532.5	530.7	528.6	526.7	524.5	522.6	520.4	522.0
147.5°	526.3	525.0	524.1	522.6	521.3	519.3	517.8	515.8	514.3	512.4	514.1
150°	517.0	515.9	515.0	513.6	512.2	510.5	509.0	507.3	505.7	503.9	505.5
152.5°	506.9	505.8	504.9	503.5	502.3	500.4	499.4	497.5	496.1	494.4	495.9
155°	501.5	500.3	499.2	498.0	496.6	495.2	493.7	492.3	490.9	489.3	490.3
157.5°	498.6	497.5	496.7	495.4	494.6	493.3	492.3	491.0	489.9	488.8	489.5
160°	498.1	497.1	496.3	495.1	494.0	492.8	491.8	490.5	489.8	488.5	489.2
162.5°	497.9	496.8	495.8	494.7	493.8	492.5	491.6	490.6	489.6	488.4	489.2
165°	499.4	498.8	498.1	497.3	496.5	495.9	495.1	494.2	493.5	492.6	493.1
167.5°	504.8	503.9	503.1	502.3	501.3	500.4	499.5	498.6	497.8	496.7	497.2
170°	507.2	506.4	506.0	505.6	505.0	504.4	503.9	503.3	502.7	502.2	502.7
172.5°	510.4	509.8	509.5	509.2	508.7	508.4	507.9	507.5	507.2	506.6	507.3
175°	511.0	510.5	510.4	510.1	509.8	509.5	509.3	509.1	509.1	508.7	509.1
177.5°	514.6	514.4	514.4	514.3	514.3	514.1	514.0	513.7	513.5	513.5	513.9
180°	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6



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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°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39808.2	39803.4	39796.8	39788.4	39781.2	39772.9	39753.0	39747.1	39753.7	39758.1	39767.2
5°	39902.8	39905.6	39906.7	39924.7	39940.3	39979.3	40284.6	40405.9	40499.8	40559.4	40649.8
7.5°	40188.0	40279.8	40370.5	40492.6	40597.9	40740.1	41274.3	41501.7	41663.3	41779.5	41922.4
10°	40671.3	40871.6	41059.4	41279.4	41468.6	41685.2	42182.5	42404.0	42543.8	42645.6	42740.7
12.5°	41158.1	41435.9	41687.0	41931.9	42136.6	42324.4	42499.2	42576.8	42583.4	42586.6	42536.2
15°	41411.7	41677.3	41898.5	42060.4	42180.7	42233.9	41932.9	41774.9	41575.4	41410.9	41140.4
17.5°	41251.6	41410.9	41506.5	41497.1	41447.4	41280.9	40428.2	39959.1	39493.5	39074.0	38523.7
20°	40540.2	40528.0	40444.9	40209.5	39925.8	39484.6	38022.6	37179.1	36363.7	35647.4	34778.4
22.5°	39216.7	39008.5	38718.1	38210.4	37646.4	36875.6	34780.6	33539.8	32404.5	31401.6	30278.1
25°	37299.1	36870.6	36335.1	35529.1	34652.6	33528.3	30946.2	29402.9	28039.9	26857.6	25561.3
27.5°	34844.8	34199.5	33414.7	32299.1	31111.6	29671.3	26808.5	25105.4	23642.2	22374.7	20995.0
30°	31939.2	31099.9	30086.5	28701.9	27269.6	25636.1	22732.6	21007.5	19526.4	18222.5	16841.7
32.5°	28655.7	27672.6	26485.1	24931.2	23382.1	21702.5	18898.5	17228.7	15813.8	14559.4	13309.8
35°	25034.0	23979.9	22723.5	21138.5	19598.8	17965.8	15392.9	13887.3	12637.9	11529.2	10520.1
37.5°	21149.3	20114.2	18920.1	17426.2	15998.4	14518.7	12298.7	11037.0	9988.5	9068.3	8289.1
40°	17110.1	16204.3	15171.2	13879.7	12661.2	11428.8	9606.4	8605.0	7777.6	7075.7	6491.9
42.5°	13120.5	12418.5	11626.2	10605.7	9673.2	8734.9	7332.3	6590.2	5977.4	5472.1	5059.4
45°	9519.3	9049.8	8518.4	7808.9	7163.7	6509.2	5510.8	4989.5	4590.4	4264.6	3989.1
47.5°	6654.5	6382.1	6365.6	5709.9	5236.7	4836.6	4193.4	3864.0	3619.5	3422.1	3247.6
50°	4673.3	4541.5	4377.8	4143.8	3924.2	3698.0	3306.2	3107.1	2963.8	2844.3	2733.9
52.5°	3493.6	3425.2	3338.0	3213.9	3094.8	2967.6	2719.7	2593.0	2547.9	2436.6	2349.2
55°	2790.5	2751.2	2701.6	2628.6	2556.3	2527.3	2314.8	2220.6	2161.1	2117.2	2070.2
57.5°	2317.9	2288.6	2259.2	2209.8	2167.9	2117.2	2004.3	1956.1	1920.6	1894.7	1862.3
60°	1977.2	1959.6	1943.1	1914.1	1891.5	1864.2	1792.5	1765.3	1746.8	1731.3	1710.5
62.5°	1745.0	1736.1	1727.6	1712.1	1700.6	1685.8	1636.8	1623.7	1614.4	1606.7	1594.0
65°	1577.5	1571.1	1566.3	1556.0	1550.3	1541.6	1499.6	1490.8	1485.0	1482.3	1474.9
67.5°	1425.3	1418.6	1415.5	1408.1	1405.8	1400.3	1365.9	1361.1	1359.1	1360.0	1357.4
70°	1282.9	1280.1	1281.6	1280.4	1283.7	1284.6	1263.8	1263.7	1265.8	1270.3	1270.7
72.5°	1197.6	1197.6	1199.2	1200.0	1203.1	1204.6	1187.2	1186.3	1187.3	1190.6	1190.7
75°	1116.4	1117.8	1122.1	1123.7	1127.3	1128.1	1105.1	1102.5	1102.7	1105.7	1104.7
77.5°	1004.0	1008.9	1017.3	1021.7	1028.8	1030.1	1004.3	1001.3	1001.4	1004.5	1001.9
80°	876.5	885.8	899.2	908.4	919.4	923.8	897.3	891.0	885.1	884.2	879.0
82.5°	741.1	752.4	768.4	776.9	788.5	791.1	746.8	738.5	733.4	733.9	729.1
85°	565.8	574.3	588.9	593.6	600.8	600.2	549.6	528.0	533.8	524.8	531.8
87.5°	354.9	359.9	369.0	370.2	373.6	372.8	321.9	311.9	309.0	309.1	305.4
90°	203.1	208.4	218.2	220.1	227.2	228.3	189.0	186.1	180.8	181.2	174.5
92.5°	85.1	90.9	97.0	102.9	109.0	115.0	116.4	120.9	115.1	108.7	103.1
95°	99.4	109.1	118.8	128.5	138.2	147.9	157.6	167.3	158.2	149.1	140.0
97.5°	111.7	123.1	134.5	146.0	157.5	168.9	180.3	191.8	182.1	172.1	162.4
100°	146.5	167.8	189.1	210.4	231.7	253.1	274.5	295.8	277.1	258.1	239.3
102.5°	302.7	348.2	393.5	438.7	483.9	529.4	574.9	620.3	577.2	534.0	490.7
105°	585.1	658.6	732.0	805.2	878.6	952.1	1026.0	1099.4	1030.5	961.6	892.7
107.5°	926.4	1000.9	1075.2	1149.6	1224.1	1298.5	1373.8	1448.2	1380.9	1313.5	1246.3
110°	1138.6	1192.8	1247.2	1301.4	1355.6	1410.0	1465.2	1519.6	1479.2	1438.7	1398.3



TEST NUMBER: P1444551
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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°	1185.7	1224.7	1263.5	1302.1	1340.7	1379.6	1419.6	1458.7	1438.2	1417.8	1397.6
115°	1122.4	1148.8	1174.7	1200.8	1226.9	1252.8	1280.5	1307.0	1300.4	1293.7	1287.2
117.5°	1012.3	1026.6	1041.3	1055.8	1070.2	1084.5	1101.2	1116.0	1116.9	1117.9	1118.9
120°	894.8	900.9	906.9	912.9	918.8	924.6	933.2	939.7	945.0	950.0	955.4
122.5°	795.2	797.3	799.4	801.6	803.7	805.7	810.7	813.5	817.0	820.5	824.1
125°	715.2	716.2	717.0	718.1	718.7	719.7	724.0	725.5	725.5	725.5	725.5
127.5°	662.0	662.0	662.0	662.0	661.7	661.8	665.3	665.8	663.3	660.9	658.3
130°	623.8	624.0	624.3	624.6	625.0	625.3	629.4	630.6	626.4	621.8	617.6
132.5°	599.1	599.7	600.0	600.8	601.3	601.6	606.2	607.7	602.8	597.7	592.7
135°	578.8	579.5	580.2	580.8	581.6	582.5	587.6	589.2	584.7	579.6	575.0
137.5°	561.7	562.5	563.3	564.1	564.8	565.6	571.3	573.1	569.5	565.3	561.6
140°	547.4	548.3	549.3	550.5	551.3	552.7	558.7	560.9	558.0	554.8	551.7
142.5°	532.7	534.5	535.9	537.7	539.0	540.9	547.9	550.6	548.4	546.0	543.8
145°	523.5	525.5	527.2	529.2	531.0	533.2	541.0	544.3	542.9	541.2	539.7
147.5°	515.2	517.0	518.6	520.4	522.0	524.4	532.6	535.8	535.0	533.9	532.9
150°	506.9	508.8	510.3	512.3	514.3	516.4	525.6	529.2	528.4	527.7	526.7
152.5°	497.2	498.8	500.3	502.0	503.7	505.7	516.6	520.5	519.9	518.8	518.3
155°	491.5	492.6	493.7	495.1	496.3	498.0	509.7	513.5	513.0	512.5	512.0
157.5°	490.1	490.8	491.5	492.4	493.3	494.3	506.4	510.3	509.7	509.3	508.9
160°	489.5	490.1	490.5	491.3	491.8	492.6	505.0	508.6	508.3	507.7	507.2
162.5°	489.9	491.0	491.6	492.4	493.1	494.3	506.8	510.9	510.1	509.5	508.8
165°	493.5	493.8	494.2	494.9	495.3	495.9	507.6	510.9	510.6	510.0	509.5
167.5°	497.7	498.3	498.7	499.4	499.9	500.7	511.7	514.9	514.6	513.9	513.6
170°	502.9	503.5	503.8	504.5	505.1	505.8	514.9	517.5	517.2	516.4	515.8
172.5°	507.8	508.5	509.1	509.7	510.3	511.1	518.8	521.4	521.0	520.5	519.7
175°	509.5	509.8	510.4	511.1	511.6	512.1	518.2	520.0	519.8	519.5	519.2
177.5°	514.3	514.6	515.0	515.5	515.8	516.3	519.9	521.2	521.0	521.0	520.9
180°	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6



TEST NUMBER: P1444551
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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39769.3	39783.2	39785.3	39801.7	39800.3	39819.7	39816.7	39832.5	39823.3	39836.4	39825.3
5°	40703.3	40788.0	40832.4	40915.0	40941.1	41015.1	41036.1	41103.6	41106.4	41159.9	41147.7
7.5°	42023.9	42148.8	42222.9	42325.1	42376.9	42462.1	42499.5	42562.5	42582.8	42632.8	42636.6
10°	42812.5	42873.1	42915.5	42944.0	42970.1	42982.3	42996.5	42992.7	42996.5	42990.9	43003.1
12.5°	42502.3	42413.8	42355.2	42244.4	42180.1	42057.6	41997.5	41879.6	41836.9	41735.7	41721.1
15°	40931.5	40622.9	40404.9	40087.9	39888.5	39576.6	39394.1	39112.7	38984.2	38760.5	38701.8
17.5°	38068.3	37495.5	37052.2	36483.6	36089.1	35557.6	35223.5	34783.6	34542.7	34187.9	34065.2
20°	34054.1	33206.7	32541.8	31749.7	31183.0	30476.7	30024.6	29454.3	29123.3	28687.7	28511.0
22.5°	29341.4	28286.3	27456.0	26520.3	25836.4	25049.4	24507.7	23890.8	23530.6	23057.3	22847.6
25°	24484.0	23320.5	22397.4	21411.4	20688.9	19900.0	19358.2	18752.1	18379.4	17930.1	17721.8
27.5°	19838.4	18660.6	17768.5	16851.9	16189.1	15477.2	14988.3	14459.2	14128.3	13744.9	13548.9
30°	15738.7	14699.9	13940.7	13180.0	12628.6	12050.5	11644.3	11205.7	10915.5	10587.1	10400.5
32.5°	12398.6	11596.7	11002.2	10398.6	9947.3	9464.2	9113.2	8726.2	8464.3	8171.0	8002.0
35°	9819.5	9196.4	8722.2	8225.4	7837.7	7426.2	7116.9	6782.9	6547.8	6295.4	6149.4
37.5°	7758.4	7262.9	6872.8	6460.1	6141.7	5800.8	5685.9	5302.6	5059.1	4857.6	4718.0
40°	6088.8	5694.9	5372.0	5056.4	4796.7	4538.1	4330.6	4125.8	3968.7	3824.5	3724.8
42.5°	4754.9	4469.5	4233.7	4002.5	3813.0	3624.6	3474.3	3333.3	3227.4	3133.1	3068.8
45°	3780.0	3583.6	3419.8	3257.0	3123.2	2997.5	2896.4	2806.3	2737.9	2681.3	2641.1
47.5°	3105.3	2970.9	2855.3	2745.5	2654.7	2572.3	2504.5	2482.4	2408.9	2359.4	2340.6
50°	2639.1	2558.0	2470.1	2389.0	2328.4	2268.1	2224.2	2181.1	2153.6	2130.8	2123.9
52.5°	2291.1	2229.1	2180.2	2128.9	2088.9	2046.0	2015.6	1986.9	1971.8	1959.9	1958.4
55°	2032.4	1989.0	1956.7	1922.3	1898.3	1873.1	1857.4	1842.3	1835.6	1829.6	1830.1
57.5°	1836.7	1807.7	1786.6	1764.3	1751.3	1739.3	1735.3	1731.5	1733.6	1734.5	1737.9
60°	1694.0	1675.2	1661.9	1649.1	1643.7	1639.9	1642.8	1646.2	1653.1	1658.7	1663.7
62.5°	1584.7	1574.0	1567.5	1560.6	1560.0	1560.3	1566.2	1571.9	1580.6	1587.1	1591.9
65°	1472.2	1466.1	1463.9	1459.6	1461.8	1463.1	1470.1	1474.6	1483.2	1488.4	1494.6
67.5°	1358.5	1357.1	1358.3	1358.3	1362.3	1365.7	1372.5	1377.5	1384.8	1389.6	1394.6
70°	1274.6	1275.1	1278.3	1278.8	1283.1	1285.4	1291.3	1294.5	1301.1	1305.1	1311.1
72.5°	1192.9	1191.6	1192.3	1190.4	1191.9	1191.3	1194.6	1196.1	1201.7	1204.9	1212.2
75°	1105.9	1102.4	1101.4	1097.5	1097.6	1094.8	1096.2	1096.0	1099.6	1101.1	1106.4
77.5°	1000.9	994.8	991.8	985.2	985.1	982.6	985.2	986.9	993.4	996.4	1002.5
80°	875.4	865.7	861.3	853.7	854.9	854.5	860.9	865.9	873.7	875.3	882.8
82.5°	727.6	717.7	713.1	705.5	707.2	707.4	713.3	714.3	721.2	724.2	733.0
85°	521.0	524.8	514.3	515.1	512.8	517.0	521.0	525.9	531.6	541.2	548.6
87.5°	306.8	305.4	309.1	309.6	314.9	317.6	326.2	331.0	340.6	348.1	361.7
90°	173.2	166.6	167.9	164.5	168.0	164.8	168.2	164.6	169.0	168.2	174.3
92.5°	96.4	90.7	84.1	78.2	71.8	66.1	62.6	60.3	56.9	54.7	51.2
95°	131.0	122.0	113.0	103.8	94.8	85.8	82.5	79.2	75.9	72.6	69.2
97.5°	152.7	143.0	133.3	123.4	113.7	104.0	101.8	99.7	97.4	95.2	93.1
100°	220.4	201.7	183.0	164.1	145.3	126.6	124.9	123.1	121.4	119.7	117.8
102.5°	447.8	404.6	361.7	318.5	275.6	232.4	225.0	217.5	209.9	202.5	195.0
105°	823.7	754.8	685.9	617.0	548.2	479.4	458.9	438.1	417.6	397.1	376.6
107.5°	1179.1	1111.9	1044.8	977.6	910.5	843.3	810.8	778.4	745.7	713.3	680.9
110°	1357.5	1317.1	1276.9	1236.3	1196.1	1155.8	1124.7	1093.8	1062.6	1031.7	1000.8



TEST NUMBER: P1444551
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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°	1377.2	1356.9	1336.5	1316.4	1296.3	1275.9	1260.8	1245.7	1230.5	1215.4	1200.1
115°	1280.4	1273.9	1267.3	1260.9	1254.5	1248.0	1246.8	1245.8	1244.5	1243.4	1242.5
117.5°	1119.8	1120.9	1121.8	1123.0	1124.1	1125.2	1133.2	1141.0	1149.1	1157.2	1165.6
120°	960.6	965.8	971.0	976.4	981.6	987.2	997.6	1008.5	1019.2	1030.2	1041.1
122.5°	827.6	831.2	834.6	838.3	841.9	845.7	856.0	866.6	877.2	888.0	898.9
125°	725.1	725.1	725.0	724.7	724.7	724.9	733.3	741.9	750.7	759.7	768.4
127.5°	655.6	652.8	650.1	647.6	644.9	642.5	647.2	652.4	657.2	662.4	667.7
130°	613.1	608.6	603.9	599.7	595.0	590.7	592.4	594.3	596.1	598.1	600.1
132.5°	587.5	582.5	577.2	572.0	566.8	561.7	561.2	560.9	560.5	560.5	560.5
135°	570.0	565.3	560.1	555.3	550.2	545.4	544.0	542.4	541.0	539.7	538.5
137.5°	557.7	553.7	549.7	545.9	541.5	537.8	535.5	533.8	531.7	530.3	528.4
140°	548.4	545.4	541.9	538.8	535.4	532.4	530.5	529.1	527.3	526.0	524.5
142.5°	541.1	538.8	536.4	534.0	531.5	529.1	527.4	525.9	524.3	523.0	521.5
145°	538.0	536.5	534.7	533.2	531.4	529.9	528.3	527.2	525.9	524.9	523.9
147.5°	531.8	530.8	529.7	528.4	527.3	526.2	525.1	524.6	523.4	522.8	521.9
150°	525.6	524.7	523.6	522.7	521.5	520.6	519.9	519.3	518.7	518.5	517.8
152.5°	517.1	516.2	515.4	514.6	513.4	512.4	511.9	511.6	511.1	510.7	510.1
155°	511.3	510.7	509.9	509.3	508.5	508.0	507.3	506.5	505.9	505.4	504.7
157.5°	508.3	507.7	506.9	506.5	505.7	505.1	504.5	503.9	503.1	502.7	502.0
160°	506.6	506.2	505.5	504.9	504.3	503.7	502.7	502.2	501.1	500.5	499.5
162.5°	508.0	507.2	506.5	505.7	504.8	504.1	503.4	502.8	502.2	501.6	500.9
165°	509.0	508.4	507.8	507.2	506.7	506.1	505.3	504.6	503.6	502.9	502.1
167.5°	513.0	512.6	512.1	511.6	510.9	510.3	509.6	508.8	508.0	507.2	506.1
170°	515.3	514.5	514.0	513.1	512.5	511.8	511.1	510.2	509.4	509.0	507.9
172.5°	519.2	518.9	518.3	517.7	516.9	516.4	515.9	515.3	514.6	514.0	513.4
175°	519.1	518.9	518.8	518.4	518.3	518.0	517.7	517.5	517.2	517.1	516.6
177.5°	520.9	520.7	520.7	520.4	520.3	520.3	519.9	519.7	519.3	518.9	518.7
180°	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6



TEST NUMBER: P1444551
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL36

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39836.8	39826.7	39831.5	39812.8	39817.3	39794.8	39792.6	39767.2	39764.7	39740.8	39731.7
5°	41185.6	41163.4	41188.4	41149.4	41157.1	41106.4	41102.1	41036.5	41013.9	40931.7	40896.4
7.5°	42667.9	42659.6	42674.8	42642.3	42641.2	42595.9	42577.2	42518.4	42481.9	42395.8	42340.7
10°	42992.7	43000.3	42987.8	42990.9	42973.3	42968.4	42950.3	42938.9	42909.3	42887.0	42854.0
12.5°	41644.2	41652.3	41600.8	41633.5	41607.7	41667.9	41663.0	41733.9	41744.8	41834.5	41868.5
15°	38527.6	38517.9	38419.2	38481.3	38448.0	38580.0	38609.6	38787.2	38882.3	39110.4	39250.5
17.5°	33819.4	33794.0	33654.9	33730.7	33692.2	33886.9	33952.2	34236.3	34413.6	34781.2	35043.0
20°	28207.0	28158.4	27995.7	28084.4	28044.7	28265.9	28359.2	28702.5	28931.1	29417.9	29764.2
22.5°	22525.0	22448.1	22288.8	22371.6	22334.0	22563.3	22684.6	23029.2	23291.0	23790.7	24195.0
25°	17422.5	17354.0	17200.0	17258.0	17244.0	17437.8	17545.8	17871.7	18129.0	18605.0	18991.0
27.5°	13288.5	13217.3	13078.1	13119.2	13105.0	13270.2	13371.9	13644.2	13865.6	14266.3	14605.2
30°	10170.4	10084.4	9966.4	9989.1	9979.4	10113.2	10208.3	10437.6	10627.3	10966.0	11258.0
32.5°	7795.6	7709.2	7600.8	7611.4	7597.1	7702.1	7780.3	7979.8	8145.1	8433.1	8687.2
35°	5964.7	6065.8	5834.3	5980.9	5828.3	6052.4	5971.8	6096.4	6238.6	6481.2	6693.2
37.5°	4585.4	4515.0	4455.5	4449.1	4448.8	4500.8	4562.1	4682.1	4807.4	4988.2	5175.0
40°	3633.7	3584.3	3545.8	3543.0	3545.8	3582.7	3628.0	3710.9	3802.8	3932.6	4069.8
42.5°	3013.9	2981.0	2957.8	2956.2	2963.5	2989.7	3021.2	3070.5	3130.2	3214.3	3308.4
45°	2608.5	2590.2	2577.3	2576.6	2580.0	2593.6	2611.8	2642.5	2680.3	2732.8	2792.3
47.5°	2324.1	2319.6	2311.6	2311.9	2308.2	2313.8	2315.8	2333.0	2353.2	2392.7	2470.6
50°	2117.0	2117.0	2111.3	2111.1	2105.8	2105.5	2101.1	2107.9	2117.3	2141.8	2166.7
52.5°	1953.3	1952.7	1946.7	1945.5	1939.9	1939.6	1935.7	1938.5	1939.7	1952.1	1967.0
55°	1825.3	1821.5	1813.6	1811.1	1808.8	1812.1	1810.7	1810.8	1809.1	1814.4	1818.7
57.5°	1733.6	1728.5	1721.1	1718.8	1718.3	1722.0	1722.2	1720.9	1714.0	1709.3	1702.7
60°	1660.9	1655.9	1647.8	1645.7	1646.9	1652.2	1651.9	1647.5	1637.2	1628.3	1617.8
62.5°	1589.6	1587.6	1583.4	1582.8	1581.7	1582.7	1579.0	1574.3	1564.1	1554.6	1543.2
65°	1493.8	1494.9	1491.8	1492.2	1488.6	1488.0	1482.4	1477.8	1467.5	1458.8	1447.3
67.5°	1394.4	1395.2	1392.7	1392.7	1390.7	1391.0	1387.6	1383.4	1374.7	1367.6	1358.6
70°	1312.5	1314.5	1313.1	1313.5	1311.1	1310.2	1305.0	1300.8	1291.9	1286.0	1278.0
72.5°	1214.4	1218.8	1218.6	1219.7	1216.2	1214.4	1208.0	1202.9	1194.9	1190.1	1183.6
75°	1108.5	1114.2	1115.8	1118.4	1113.3	1110.7	1103.8	1099.6	1093.1	1090.2	1086.0
77.5°	1005.1	1011.4	1017.4	1023.0	1015.0	1007.7	999.1	992.5	983.0	979.4	972.7
80°	889.0	900.2	913.6	924.8	910.3	895.5	881.3	870.7	858.2	853.1	844.8
82.5°	737.6	749.0	756.7	763.9	753.8	743.0	729.2	719.9	706.4	701.4	691.8
85°	560.3	574.6	579.2	583.0	576.5	570.8	557.8	540.4	531.8	518.5	511.6
87.5°	368.6	377.1	378.7	380.0	376.1	373.3	364.9	356.6	342.1	331.5	318.5
90°	172.1	175.9	170.8	171.1	167.7	170.1	163.4	162.4	152.1	149.5	140.6
92.5°	48.7	45.4	42.7	39.7	43.2	45.5	49.0	51.2	54.6	56.9	60.3
95°	65.9	62.6	59.3	56.0	58.7	61.4	64.0	66.6	69.3	71.9	74.6
97.5°	90.9	88.6	86.5	84.3	85.8	87.4	88.9	90.5	91.9	93.5	95.2
100°	116.1	114.3	112.6	110.8	110.8	110.8	110.8	110.8	110.8	110.8	110.8
102.5°	187.5	180.0	172.5	165.0	170.1	175.1	180.3	185.3	190.3	195.4	200.7
105°	356.0	335.6	315.0	294.6	314.4	334.2	354.1	373.9	393.8	413.8	433.7
107.5°	648.3	615.9	583.5	551.1	587.5	623.6	659.7	695.9	732.0	768.1	804.6
110°	970.0	939.1	908.2	877.4	915.7	954.1	992.4	1030.8	1069.2	1107.6	1146.2



TEST NUMBER: P1444551
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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°	1185.2	1170.1	1155.2	1140.2	1164.9	1189.5	1214.3	1239.2	1263.9	1288.7	1313.4
115°	1241.4	1240.5	1239.7	1238.8	1250.4	1262.2	1273.8	1285.7	1297.4	1309.2	1321.1
117.5°	1173.6	1181.8	1190.2	1198.5	1202.3	1206.0	1210.0	1213.8	1217.7	1221.6	1225.7
120°	1052.1	1063.0	1074.2	1085.5	1083.9	1082.4	1080.9	1079.4	1078.4	1077.0	1076.1
122.5°	909.9	920.8	932.1	943.2	939.9	936.7	933.5	930.4	927.3	924.3	921.5
125°	777.7	786.8	796.1	805.5	802.2	798.9	795.7	792.9	789.9	786.8	784.2
127.5°	673.3	678.9	684.5	690.3	688.7	687.2	686.1	684.6	683.7	682.7	681.8
130°	602.3	604.8	607.5	609.9	610.3	610.8	611.6	612.4	613.4	614.3	615.5
132.5°	561.0	561.1	561.7	562.2	563.9	565.7	567.9	569.9	572.5	574.6	577.7
135°	537.8	536.9	536.2	535.7	538.3	540.8	543.9	546.8	550.1	553.5	557.0
137.5°	527.2	525.9	524.9	523.6	526.2	528.8	531.8	534.7	538.0	541.3	545.1
140°	523.4	522.1	521.5	520.4	523.0	525.5	528.4	531.4	534.7	538.0	541.5
142.5°	520.5	519.1	518.5	517.7	519.8	522.2	525.0	527.7	530.7	533.6	536.9
145°	522.9	522.0	521.5	520.8	522.3	524.1	526.1	528.2	530.4	532.4	535.1
147.5°	521.4	520.8	520.5	520.0	521.4	522.5	524.0	525.3	527.1	528.7	530.7
150°	517.7	517.3	517.0	516.9	517.7	518.4	519.4	520.1	521.4	522.4	523.9
152.5°	510.0	509.4	509.6	509.3	509.9	510.6	511.5	512.3	513.2	514.1	515.5
155°	504.4	503.9	503.4	503.0	503.2	503.3	503.8	503.9	504.5	504.8	505.4
157.5°	501.7	501.1	500.8	500.2	500.1	499.9	500.0	499.9	500.2	499.9	500.1
160°	499.1	498.1	497.4	496.7	496.9	496.7	497.1	496.9	497.2	497.3	497.7
162.5°	500.4	499.8	499.5	498.9	498.6	497.9	497.6	497.0	496.7	496.4	496.3
165°	501.2	500.3	499.7	498.8	498.7	498.5	498.3	498.1	498.0	497.7	497.8
167.5°	505.7	504.8	504.0	503.2	502.7	502.0	501.5	500.9	500.4	499.9	499.6
170°	507.4	506.6	506.0	505.5	505.2	504.7	504.6	504.1	504.0	503.8	503.8
172.5°	512.8	512.3	511.7	511.2	510.9	510.6	510.4	510.3	510.0	510.0	509.8
175°	516.4	516.1	516.0	515.7	515.4	515.2	514.8	514.6	514.4	514.0	513.7
177.5°	518.3	517.9	517.7	517.5	517.3	517.3	517.3	517.3	517.3	517.2	517.0
180°	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6



TEST NUMBER: P1444551
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CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39706.0	39695.6	39668.1	39654.6	39629.2	39616.4	39596.5	39583.7	39567.7	39555.8	39549.5
5°	40806.2	40755.4	40653.7	40591.0	40481.2	40408.7	40299.6	40219.7	40107.0	40023.9	39917.4
7.5°	42237.4	42159.6	42029.3	41930.4	41776.7	41659.2	41486.7	41348.7	41158.1	40999.8	40805.1
10°	42820.2	42774.7	42716.2	42652.6	42567.5	42484.0	42366.2	42246.2	42086.2	41927.0	41719.1
12.5°	41959.0	42001.7	42086.2	42125.5	42190.1	42212.0	42241.6	42227.7	42201.6	42136.6	42042.3
15°	39519.7	39698.4	39980.7	40176.1	40449.7	40642.0	40896.4	41060.0	41248.5	41361.2	41468.2
17.5°	35507.2	35852.9	36351.2	36748.7	37282.4	37716.3	38247.9	38665.6	39147.9	39517.9	39911.8
20°	30367.8	30851.9	31539.7	32123.9	32897.3	33553.0	34393.1	35096.9	35917.8	36602.2	37340.8
22.5°	24836.5	25405.9	26194.0	26898.7	27822.2	28646.9	29699.6	30630.1	31739.9	32734.2	33833.9
25°	19618.3	20176.3	20979.3	21708.8	22705.7	23614.3	24764.3	25831.8	27119.7	28320.8	29699.6
27.5°	15143.5	15639.1	16344.9	17001.6	17914.7	18806.7	19973.7	21112.0	22486.3	23777.0	25262.9
30°	11695.1	12097.2	12662.7	13190.9	13923.9	14653.5	15692.9	16745.7	18113.2	19450.7	20974.0
32.5°	9063.3	9406.1	9878.2	10307.1	10871.9	11421.9	12187.4	13028.7	14228.2	15509.4	16982.3
35°	7016.0	7309.3	7711.1	8080.5	8545.0	8981.7	9552.9	10153.4	11068.8	12146.4	13464.6
37.5°	5593.5	5713.1	5999.9	6302.5	6688.3	7047.2	7494.0	7938.0	8593.0	9443.2	10520.1
40°	4253.8	4443.7	4677.1	4915.5	5207.6	5495.4	5985.7	6221.7	6652.9	7263.2	8099.0
42.5°	3432.3	3565.8	3730.1	3895.8	4099.4	4299.9	4547.8	4800.4	5122.7	5536.1	6130.6
45°	2872.2	2959.3	3065.2	3175.6	3309.3	3446.1	3612.1	3785.5	4003.9	4258.1	4619.2
47.5°	2498.0	2546.1	2615.3	2690.7	2782.3	2877.1	2985.0	3095.5	3231.3	3381.9	3587.6
50°	2206.0	2246.1	2299.8	2350.3	2413.5	2510.5	2553.4	2614.4	2696.0	2784.7	2899.7
52.5°	1994.6	2021.4	2055.1	2084.0	2124.1	2160.4	2208.0	2250.1	2306.5	2359.8	2434.0
55°	1830.1	1839.8	1858.9	1877.6	1905.2	1930.0	1962.7	1990.2	2026.2	2058.1	2104.9
57.5°	1702.9	1703.8	1712.6	1722.3	1740.2	1755.8	1778.3	1796.3	1821.3	1841.7	1869.7
60°	1611.6	1606.8	1608.5	1611.9	1622.0	1632.1	1646.5	1658.2	1674.0	1685.5	1701.2
62.5°	1535.6	1527.9	1526.2	1525.3	1530.4	1533.9	1541.8	1547.5	1556.5	1561.5	1569.9
65°	1439.6	1430.6	1427.1	1422.9	1424.4	1423.2	1426.2	1426.3	1430.9	1431.9	1436.8
67.5°	1352.5	1345.0	1340.4	1334.9	1332.4	1328.4	1326.6	1322.8	1322.2	1319.0	1318.2
70°	1273.1	1265.7	1261.9	1256.7	1254.1	1248.8	1245.6	1239.1	1235.3	1229.3	1225.9
72.5°	1181.2	1177.0	1175.9	1172.4	1171.4	1168.5	1167.1	1162.6	1160.0	1154.8	1151.9
75°	1085.1	1081.7	1081.4	1077.9	1077.6	1074.0	1073.2	1068.3	1065.8	1060.7	1058.5
77.5°	970.7	965.6	964.2	960.1	961.1	959.3	960.8	957.1	955.6	950.4	948.8
80°	841.8	835.4	832.7	827.3	828.7	826.3	828.7	828.4	830.4	826.3	825.5
82.5°	689.2	682.1	680.8	677.0	679.5	679.8	685.2	682.3	683.5	679.6	681.3
85°	501.5	496.3	488.9	487.8	483.2	488.0	481.7	486.0	479.0	483.8	477.4
87.5°	311.0	300.0	294.3	286.5	283.5	276.1	272.9	267.5	269.2	266.6	268.1
90°	139.9	132.2	132.7	127.8	129.6	125.7	129.1	127.0	131.1	129.0	133.4
92.5°	62.6	65.5	70.8	76.4	81.4	86.7	91.9	97.5	102.6	108.1	113.2
95°	77.3	79.9	87.0	94.0	101.0	108.1	115.2	122.3	129.3	136.3	143.4
97.5°	96.8	98.3	105.4	112.4	119.5	126.5	133.5	140.9	148.0	154.9	162.0
100°	110.8	110.9	131.0	151.1	171.0	191.3	211.4	231.4	251.7	271.8	291.9
102.5°	205.8	210.8	261.5	312.3	362.9	413.6	464.5	515.5	566.1	617.1	667.9
105°	453.5	473.5	550.8	628.4	705.7	783.2	860.7	938.4	1015.8	1093.3	1170.8
107.5°	840.7	876.9	946.9	1016.9	1086.8	1157.0	1227.1	1297.2	1367.1	1437.3	1507.6
110°	1184.6	1223.1	1269.9	1316.9	1364.0	1410.9	1457.8	1504.9	1552.1	1599.1	1646.4



TEST NUMBER: P1444551
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL36

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	1338.2	1363.2	1390.5	1418.1	1445.5	1473.0	1500.4	1527.9	1555.7	1583.3	1610.8
115°	1333.1	1345.1	1355.6	1366.6	1377.2	1388.1	1398.9	1410.0	1421.1	1432.0	1443.1
117.5°	1229.6	1233.9	1235.6	1237.4	1239.3	1241.4	1243.3	1245.5	1247.7	1249.8	1251.8
120°	1074.8	1073.7	1072.0	1070.6	1069.0	1067.6	1066.3	1064.9	1063.9	1062.6	1061.2
122.5°	918.6	916.1	914.4	913.1	911.8	910.7	909.4	908.5	907.5	906.4	905.1
125°	781.5	779.1	780.9	782.8	784.7	786.7	788.6	791.0	793.1	795.2	797.4
127.5°	680.9	680.4	684.7	689.2	693.7	698.2	703.0	707.7	712.2	717.1	721.6
130°	616.9	618.3	623.9	629.7	635.3	641.1	647.0	653.0	658.7	664.5	670.3
132.5°	580.1	583.2	588.4	594.1	599.6	605.2	611.0	616.6	622.3	628.1	633.5
135°	560.6	564.5	569.5	574.6	579.7	585.1	590.1	595.5	600.5	605.7	610.8
137.5°	548.6	552.4	556.7	560.7	564.8	569.3	573.5	577.8	581.9	586.1	590.2
140°	545.1	548.9	551.3	554.0	556.6	559.2	561.6	564.3	566.6	569.5	571.8
142.5°	540.0	543.6	545.0	546.9	548.5	550.6	552.4	554.2	555.7	557.3	558.9
145°	537.5	540.2	540.5	541.1	541.5	542.1	542.4	543.1	543.2	543.7	543.9
147.5°	532.5	534.6	534.4	534.6	534.6	534.6	534.6	534.7	534.5	534.6	534.5
150°	525.0	526.5	525.9	525.7	525.1	524.9	524.2	524.0	523.4	523.1	522.5
152.5°	516.4	517.7	516.8	516.5	515.7	515.2	514.5	514.0	513.3	512.7	512.3
155°	505.7	506.2	505.8	505.6	505.1	504.8	504.3	504.4	504.0	503.8	503.6
157.5°	500.2	500.3	500.1	499.8	499.5	499.5	499.2	499.1	499.1	499.3	499.4
160°	497.6	498.0	497.6	497.3	497.1	496.9	496.6	496.7	496.7	497.0	497.1
162.5°	495.9	495.8	495.4	495.2	494.9	494.9	494.8	495.1	494.9	495.2	495.4
165°	497.9	498.1	497.3	497.2	496.7	496.4	496.2	496.1	496.1	496.1	496.1
167.5°	499.3	499.1	499.1	499.3	499.3	499.4	499.5	500.1	500.2	500.8	501.0
170°	503.7	503.8	503.5	503.4	503.1	503.1	503.0	503.0	503.0	503.1	503.0
172.5°	509.8	509.8	509.3	509.0	508.5	508.3	507.8	507.7	507.2	506.9	506.4
175°	513.4	513.2	513.0	512.7	512.5	512.2	511.9	511.4	511.2	510.9	510.7
177.5°	516.9	516.6	516.4	516.4	516.3	516.1	516.1	516.0	516.0	516.0	515.7
180°	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6



TEST NUMBER: P1444551
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL36

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39541.6	39541.2	39537.3	39539.1	39539.9	39542.7	39546.1	39549.5	39550.3	39553.0	39553.6
5°	39837.5	39739.7	39667.4	39587.8	39527.9	39474.1	39438.2	39409.7	39398.7	39401.5	39408.1
7.5°	40640.0	40438.0	40271.4	40082.0	39924.0	39756.8	39618.1	39486.3	39390.2	39318.7	39278.6
10°	41520.5	41274.6	41039.3	40765.2	40505.1	40227.6	39976.2	39723.1	39512.0	39328.8	39194.2
12.5°	41911.3	41737.4	41534.1	41275.3	40997.1	40676.8	40353.5	40006.8	39684.4	39385.1	39143.8
15°	41497.5	41497.8	41423.7	41299.6	41106.4	40850.4	40542.3	40181.0	39800.6	39412.4	39057.9
17.5°	40184.2	40432.0	40569.8	40657.0	40630.3	40535.9	40339.9	40062.4	39707.8	39294.3	38861.7
20°	37928.8	38513.2	38930.0	39304.7	39514.7	39654.3	39640.3	39527.3	39274.9	38923.3	38472.7
22.5°	34769.3	35750.3	36524.4	37246.2	37752.5	38164.3	38360.0	38443.1	38328.7	38083.8	37660.6
25°	30931.9	32265.7	33403.9	34508.6	35337.2	36049.3	36477.3	36778.9	36802.8	36674.8	36297.3
27.5°	26667.8	28242.2	29682.8	31150.9	32316.2	33339.9	34011.7	34503.3	34659.5	34638.9	34296.1
30°	22409.1	24061.9	25649.8	27361.8	28803.7	30111.7	30999.0	31663.9	31920.1	31969.3	31639.5
32.5°	18387.2	20017.0	21600.6	23390.3	24977.1	26476.2	27524.5	28314.3	28612.2	28682.4	28320.8
35°	14737.2	16240.8	17745.7	19480.3	21057.9	22610.2	23714.8	24541.7	24820.0	24866.9	24448.1
37.5°	11571.8	12853.0	14164.3	15720.6	17169.5	18627.3	19676.8	20453.8	20656.6	20644.1	20170.1
40°	8906.6	9902.6	10956.3	12237.6	13442.1	14674.4	15560.8	16203.1	16309.6	16230.8	15733.0
42.5°	6697.4	7416.6	8180.6	9137.0	10030.7	10953.0	11597.8	12074.8	12089.9	11965.2	11518.4
45°	4989.5	5691.3	6011.6	6589.9	7165.6	7778.9	8172.6	8467.2	8421.6	8311.9	7972.3
47.5°	3803.6	4073.4	4359.4	4718.0	5053.3	5749.3	5697.7	6170.8	5830.0	6062.4	5550.9
50°	3020.5	3171.2	3325.3	3515.6	3690.9	3872.8	3986.4	4071.3	4060.3	4023.8	3925.9
52.5°	2569.7	2616.3	2692.2	2800.5	2898.2	2996.6	3061.4	3114.0	3115.0	3100.4	3050.7
55°	2147.7	2206.9	2261.4	2332.1	2452.7	2471.2	2564.0	2545.2	2552.4	2526.7	2553.1
57.5°	1893.6	1928.0	1958.7	2000.8	2035.6	2076.2	2100.2	2123.3	2121.1	2116.1	2090.8
60°	1713.5	1732.5	1749.6	1774.1	1793.3	1816.2	1827.2	1839.0	1835.2	1826.7	1804.2
62.5°	1574.8	1586.6	1596.4	1612.2	1623.8	1638.1	1643.9	1648.8	1643.9	1635.7	1615.9
65°	1437.8	1445.4	1451.6	1463.5	1471.8	1484.0	1488.9	1493.5	1488.9	1482.6	1467.5
67.5°	1314.2	1315.0	1314.4	1319.3	1321.8	1329.2	1331.3	1334.7	1329.4	1323.9	1311.1
70°	1220.6	1218.6	1216.3	1218.2	1218.6	1222.2	1222.8	1222.2	1215.9	1206.4	1192.4
72.5°	1147.4	1146.3	1144.5	1146.2	1146.2	1149.4	1148.3	1146.8	1138.9	1129.8	1116.0
75°	1053.2	1052.4	1048.9	1049.0	1046.1	1047.2	1043.3	1041.2	1032.5	1024.8	1012.5
77.5°	943.1	941.3	936.2	934.2	928.6	926.3	919.1	915.5	906.7	900.5	889.9
80°	820.1	818.2	811.6	807.9	799.1	793.4	782.9	776.9	766.7	760.7	750.4
82.5°	677.9	678.6	671.9	667.4	654.8	645.1	630.9	623.3	612.1	606.2	595.6
85°	482.1	475.2	478.9	478.6	470.7	462.2	450.8	442.7	433.3	427.7	420.2
87.5°	264.4	266.1	264.1	262.6	256.9	252.7	243.7	239.0	232.1	228.7	223.1
90°	123.7	120.8	111.5	108.7	99.7	94.5	84.3	80.1	70.6	68.4	62.4
92.5°	107.2	101.2	95.6	89.3	83.7	77.7	71.8	65.7	59.8	57.6	55.9
95°	134.8	126.4	117.8	109.3	100.6	92.1	83.6	75.0	66.4	64.7	62.9
97.5°	152.0	141.9	131.8	121.8	111.7	101.5	91.5	81.4	71.3	70.2	69.0
100°	268.6	245.4	222.0	198.7	175.5	152.1	129.0	105.6	82.4	81.1	79.8
102.5°	611.2	554.8	498.3	441.9	385.4	328.8	272.3	215.6	159.2	151.1	142.9
105°	1085.3	999.7	914.4	828.8	743.2	657.6	572.2	486.5	400.9	373.5	346.0
107.5°	1427.2	1346.6	1266.5	1186.1	1105.7	1025.4	945.0	864.4	783.9	735.6	687.3
110°	1582.6	1518.7	1455.2	1391.4	1327.6	1263.8	1200.0	1136.1	1072.3	1030.6	989.2



TEST NUMBER: P1444551
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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°	1564.3	1517.6	1471.2	1424.4	1377.7	1330.9	1284.4	1237.4	1190.6	1165.4	1140.2
115°	1415.3	1387.1	1359.2	1331.1	1303.2	1275.1	1247.0	1218.6	1190.4	1177.2	1163.9
117.5°	1237.9	1223.6	1209.5	1195.3	1181.1	1166.6	1152.4	1137.9	1123.6	1119.1	1114.5
120°	1057.6	1053.4	1049.0	1044.9	1040.7	1036.5	1032.2	1027.8	1023.3	1024.1	1024.9
122.5°	907.3	909.1	911.2	912.8	914.9	916.6	918.6	920.1	921.8	925.6	929.3
125°	801.9	806.2	810.7	815.1	819.4	823.8	828.2	832.3	836.8	840.4	844.3
127.5°	726.8	731.6	736.7	741.4	746.5	751.3	756.2	760.8	765.7	769.2	772.9
130°	674.9	679.0	683.5	687.7	692.0	696.3	700.5	704.8	709.1	711.9	714.8
132.5°	637.3	641.3	645.4	649.0	653.0	656.7	660.8	664.6	668.7	670.7	673.0
135°	614.0	616.7	619.8	622.6	625.9	628.6	631.7	634.8	638.0	639.5	641.3
137.5°	592.7	595.1	597.8	600.1	602.7	605.1	608.0	610.4	613.4	614.1	615.4
140°	574.4	576.9	579.5	582.2	584.9	587.4	590.5	593.2	596.2	597.1	598.3
142.5°	561.0	563.0	565.0	566.9	569.4	571.3	573.6	576.1	578.6	579.5	580.6
145°	546.3	548.6	551.0	553.4	555.7	558.2	561.1	563.8	566.7	567.3	568.2
147.5°	536.4	538.2	540.5	542.6	544.7	546.9	549.5	551.8	554.4	555.1	555.8
150°	524.8	526.8	528.9	531.1	533.4	535.8	538.4	541.0	544.1	545.0	546.0
152.5°	514.5	516.6	518.9	521.5	524.1	526.7	529.4	532.2	535.1	536.0	537.1
155°	505.9	508.0	510.6	513.0	515.6	518.0	520.9	523.5	526.3	527.5	528.4
157.5°	501.5	503.3	505.6	507.9	510.0	512.3	515.0	517.2	519.8	520.7	521.6
160°	499.1	500.7	502.8	505.0	506.9	509.1	511.3	513.2	515.5	516.4	517.3
162.5°	497.3	499.3	501.3	503.0	505.3	507.2	509.4	511.4	513.6	514.3	515.2
165°	497.5	499.0	500.5	501.9	503.6	504.9	506.6	508.1	509.8	510.5	511.6
167.5°	502.5	503.4	504.4	505.6	506.9	508.1	509.3	510.5	512.0	512.7	513.6
170°	504.2	505.2	506.0	507.1	508.3	509.3	510.4	511.4	512.8	513.4	514.3
172.5°	507.2	507.6	508.6	509.1	509.8	510.4	511.3	512.1	512.8	513.7	514.4
175°	511.2	511.5	511.9	512.1	512.4	512.8	513.3	513.9	514.2	514.9	515.4
177.5°	515.9	516.1	516.4	516.6	517.1	517.3	517.7	517.9	518.3	518.9	519.7
180°	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6



TEST NUMBER: P1444551
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CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39552.4	39551.9	39550.6	39548.8	39547.0	39548.1	39549.8	39554.4	39562.3	39573.8	39588.8
5°	39413.5	39421.6	39426.1	39426.7	39422.6	39420.1	39424.0	39434.8	39456.8	39493.5	39543.2
7.5°	39267.9	39277.9	39293.2	39304.7	39306.9	39304.0	39304.7	39321.7	39362.2	39433.8	39534.2
10°	39112.4	39082.9	39098.5	39127.0	39149.7	39153.8	39156.6	39176.7	39235.9	39344.1	39505.4
12.5°	38968.9	38875.4	38857.2	38883.0	38917.5	38928.4	38925.4	38934.0	39003.4	39146.6	39371.4
15°	38780.1	38604.0	38543.9	38550.5	38593.0	38608.2	38597.1	38580.0	38647.5	38822.4	39113.5
17.5°	38474.4	38190.6	38080.0	38075.1	38124.9	38138.1	38110.7	38057.8	38124.3	38342.5	38703.8
20°	38009.8	37590.8	37382.5	37349.5	37403.5	37387.7	37333.2	37253.1	37340.5	37605.8	38035.6
22.5°	37174.6	36643.7	36287.8	36173.1	36237.7	36194.7	36115.1	36012.9	36128.9	36430.4	36909.0
25°	35809.7	35196.3	34709.2	34436.0	34487.5	34410.2	34323.6	34199.8	34338.1	34684.2	35211.0
27.5°	33803.7	33095.1	32491.5	32039.1	32055.6	31954.5	31854.7	31694.5	31867.2	32276.9	32871.1
30°	31136.1	30316.0	29581.0	28966.2	28911.3	28813.1	28710.9	28500.6	28716.9	29207.2	29901.5
32.5°	27786.0	26875.5	26026.3	25248.9	25102.3	25006.6	24915.6	24673.4	24956.6	25528.3	26326.0
35°	23868.2	22898.5	21977.6	21089.8	20846.8	20751.1	20671.5	20439.6	20792.9	21415.0	22276.5
37.5°	19567.9	18577.2	17663.0	16752.6	16409.4	16279.4	16221.6	16069.7	16477.3	17092.7	17957.8
40°	15153.2	14232.1	13412.5	12608.4	12217.0	12018.3	11988.0	11960.4	12354.4	12888.3	13673.5
42.5°	11023.3	10280.2	9648.2	9033.6	8679.0	8407.7	8407.5	8489.9	8844.6	9244.5	9850.0
45°	7625.2	7126.5	6723.8	6313.2	6422.9	5881.9	6199.8	6036.7	6212.0	6469.8	6863.6
47.5°	5241.6	4969.3	4748.1	4518.7	4351.5	4191.8	4205.7	4308.7	4473.8	4626.8	4831.7
50°	3820.2	3681.6	3568.9	3449.8	3366.5	3296.0	3300.2	3344.8	3431.5	3512.2	3619.3
52.5°	2993.4	2916.9	2855.7	2789.9	2746.2	2711.2	2713.1	2734.7	2781.6	2827.6	2889.1
55°	2467.3	2458.1	2378.5	2319.3	2296.8	2273.4	2277.6	2286.1	2318.1	2344.9	2385.7
57.5°	2067.5	2031.8	2008.0	1976.9	1962.5	1946.1	1949.8	1953.0	1974.3	1992.4	2021.7
60°	1785.4	1760.1	1743.1	1721.9	1712.5	1702.1	1704.4	1706.3	1720.0	1731.8	1752.8
62.5°	1597.8	1575.1	1560.4	1544.1	1537.5	1530.4	1532.1	1532.7	1541.2	1549.8	1565.7
65°	1453.9	1436.0	1423.8	1409.7	1402.7	1395.5	1396.2	1396.2	1403.4	1409.7	1421.7
67.5°	1301.9	1288.3	1280.4	1269.2	1264.6	1257.0	1256.9	1254.5	1259.2	1261.8	1269.8
70°	1179.8	1166.2	1156.0	1145.2	1139.4	1132.8	1132.9	1133.1	1138.5	1144.2	1154.7
72.5°	1104.4	1091.3	1082.3	1072.9	1067.4	1061.7	1060.7	1060.1	1064.1	1067.2	1074.0
75°	1004.5	994.1	988.8	980.0	975.5	969.2	968.2	965.3	967.2	967.8	972.9
77.5°	883.3	873.4	869.2	860.2	856.6	849.4	848.8	845.5	847.0	846.0	850.0
80°	745.3	736.2	733.9	726.5	724.8	718.2	717.1	713.2	714.3	711.2	712.8
82.5°	591.1	582.8	581.1	574.3	574.3	568.3	568.0	562.0	562.0	556.9	548.6
85°	416.4	410.3	407.8	402.3	400.6	395.8	393.3	387.6	385.5	381.8	380.7
87.5°	219.7	215.9	212.5	209.9	205.0	196.3	195.6	189.6	190.0	185.8	186.1
90°	60.9	55.4	54.1	49.0	47.3	43.5	42.1	42.7	43.9	44.6	46.0
92.5°	53.9	51.9	49.9	47.9	46.0	43.9	42.0	43.9	46.0	47.9	49.9
95°	61.1	59.3	57.6	55.9	54.0	52.3	50.5	52.3	54.0	56.0	57.8
97.5°	68.0	66.8	65.7	64.6	63.5	62.3	61.3	62.5	63.7	64.8	65.9
100°	78.4	77.1	75.8	74.5	73.1	71.8	70.5	72.1	73.4	74.8	76.1
102.5°	134.9	126.7	118.5	110.3	102.2	94.1	85.9	94.1	102.2	110.5	118.7
105°	318.4	291.1	263.4	235.9	208.4	180.8	153.3	180.9	208.5	236.0	263.7
107.5°	638.8	590.6	542.1	493.7	445.2	396.8	348.3	397.0	445.4	493.9	542.4
110°	947.3	905.5	863.9	822.1	780.3	738.6	696.7	738.7	780.5	822.4	864.3



TEST NUMBER: P1444551
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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°	1114.8	1089.5	1064.1	1038.9	1013.3	988.0	962.4	988.3	1013.8	1039.5	1065.0
115°	1150.7	1137.4	1124.3	1110.9	1097.3	1083.9	1070.3	1084.4	1098.1	1111.8	1125.4
117.5°	1109.8	1105.5	1100.7	1096.2	1091.4	1086.7	1081.8	1086.9	1092.1	1097.4	1102.2
120°	1025.3	1026.1	1026.7	1027.2	1027.8	1028.2	1028.5	1028.8	1028.8	1028.8	1028.7
122.5°	933.0	936.7	940.1	943.7	947.2	950.6	953.8	951.2	948.4	945.6	942.5
125°	848.0	852.0	855.7	859.4	862.9	866.5	869.7	867.3	864.5	861.6	858.5
127.5°	776.4	779.8	783.2	786.7	789.8	792.9	795.8	793.7	791.3	788.9	786.2
130°	717.4	720.4	722.8	725.5	727.8	730.0	732.1	730.9	729.3	728.1	726.1
132.5°	675.0	677.5	679.6	681.6	683.2	685.1	686.3	686.0	685.1	684.5	683.1
135°	643.0	644.4	646.0	647.6	648.7	649.8	650.5	650.9	650.6	650.4	649.7
137.5°	616.3	617.5	618.1	619.0	619.5	620.0	620.1	621.0	621.4	622.2	622.1
140°	599.1	600.4	601.2	601.9	602.6	603.3	603.3	604.4	604.8	605.2	605.1
142.5°	581.6	582.6	583.5	584.5	584.9	585.5	585.6	586.5	586.9	587.4	587.5
145°	569.1	569.7	570.3	571.0	571.3	571.5	571.2	572.6	573.2	573.8	574.3
147.5°	556.5	557.3	557.6	558.1	558.4	558.7	558.6	559.6	560.3	560.9	561.5
150°	547.0	548.0	548.8	549.7	550.3	550.8	550.9	551.7	552.0	552.5	552.5
152.5°	537.8	538.7	539.5	540.2	540.8	541.2	541.4	542.1	542.7	543.3	543.5
155°	529.4	530.4	531.3	532.1	532.7	533.5	534.1	534.6	535.1	535.4	535.7
157.5°	522.4	523.5	524.2	525.0	525.6	526.6	527.2	527.9	528.3	528.9	529.2
160°	518.0	519.0	519.6	520.5	521.3	521.9	522.5	523.3	523.9	524.3	525.0
162.5°	515.9	516.8	517.3	518.2	518.8	519.6	520.2	520.9	521.6	522.1	522.5
165°	512.6	513.5	514.3	515.3	516.2	517.2	517.9	518.4	518.6	518.9	519.1
167.5°	514.4	515.3	516.0	516.9	517.6	518.6	519.4	519.8	519.9	520.2	520.4
170°	515.0	515.7	516.6	517.2	518.1	518.9	519.4	519.6	519.8	520.0	520.3
172.5°	515.2	516.1	516.9	517.9	518.6	519.5	520.3	520.4	520.3	520.1	519.9
175°	516.0	516.9	517.5	518.2	518.8	519.5	520.3	519.9	520.0	519.6	519.5
177.5°	520.6	521.6	522.2	522.9	523.8	524.5	525.2	524.6	524.1	523.5	522.8
180°	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6



TEST NUMBER: P1444551
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL36

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39610.0	39629.8	39660.2	39687.6	39729.0	39761.6	39810.6	39847.8	39903.1	39939.0	39999.2
5°	39613.5	39691.0	39792.9	39892.4	40012.0	40120.5	40255.3	40370.2	40505.8	40616.4	40755.1
7.5°	39669.6	39819.0	39998.1	40178.5	40382.7	40573.7	40788.8	40983.5	41196.4	41376.5	41573.2
10°	39710.9	39941.4	40205.4	40471.0	40750.5	41010.3	41272.6	41499.2	41710.9	41885.3	42039.2
12.5°	39654.9	39972.4	40311.1	40638.2	40949.1	41218.0	41443.6	41617.8	41738.2	41819.8	41838.9
15°	39464.4	39846.4	40214.8	40540.5	40798.5	40997.5	41100.5	41148.6	41097.0	41011.1	40822.2
17.5°	39108.7	39511.6	39840.9	40097.9	40234.2	40288.2	40202.9	40054.4	39764.4	39442.5	38977.6
20°	38456.3	38831.8	39070.7	39210.9	39174.4	39039.5	38717.4	38325.9	37746.8	37129.8	36315.4
22.5°	37312.2	37640.6	37767.8	37778.2	37555.6	37218.0	36637.0	35965.5	35052.1	34102.3	32934.4
25°	35594.9	35882.4	35902.5	35789.6	35382.3	34835.1	33982.1	33032.2	31790.8	30525.4	29061.8
27.5°	33265.8	33541.6	33474.1	33263.3	32697.9	31965.7	30873.5	29646.3	28116.0	26621.4	25002.4
30°	30338.0	30632.9	30553.6	30283.3	29610.8	28745.4	27460.2	26034.5	24335.4	22739.1	21098.5
32.5°	26834.2	27207.1	27152.4	26895.4	26193.7	25267.4	23873.1	22360.9	20622.6	19049.5	17453.6
35°	22851.8	23304.4	23327.9	23159.9	22508.5	21593.0	20216.1	18752.4	17087.3	15603.1	14128.8
37.5°	18561.1	19085.9	19193.7	19148.4	18608.6	17800.4	16545.8	15232.7	13757.7	12456.9	11196.0
40°	14246.7	14778.0	14962.3	15017.0	14618.6	13992.6	12963.0	11903.2	10700.6	9646.6	8645.4
42.5°	10312.2	10783.1	10961.3	11073.4	10824.6	10407.2	9656.2	8886.5	8005.6	7245.3	6516.4
45°	7162.1	7495.2	7630.6	7743.5	7608.0	7372.5	6898.2	6416.8	5835.3	5338.5	4868.2
47.5°	5007.4	5191.2	5280.6	5335.2	5282.8	5159.9	4901.8	4623.0	4294.7	4004.4	3725.3
50°	3711.6	3809.3	3856.2	3887.8	3849.5	3781.2	3641.6	3489.8	3309.5	3145.1	2984.3
52.5°	2941.3	2997.4	3025.2	3042.2	3020.3	2978.6	2897.2	2807.2	2699.1	2597.5	2544.1
55°	2477.9	2475.0	2539.2	2508.2	2539.2	2470.0	2455.4	2356.5	2266.7	2203.5	2135.1
57.5°	2043.5	2072.6	2084.9	2098.7	2089.8	2077.1	2042.6	2007.1	1959.8	1920.2	1878.0
60°	1768.9	1792.8	1806.4	1820.1	1819.2	1814.5	1794.5	1773.2	1743.7	1720.0	1694.4
62.5°	1579.7	1600.5	1613.8	1626.9	1628.1	1626.2	1611.0	1596.4	1576.2	1561.4	1543.7
65°	1430.9	1445.4	1454.5	1465.0	1464.4	1461.6	1447.9	1435.7	1419.1	1408.9	1395.9
67.5°	1275.1	1286.2	1293.2	1303.1	1305.0	1305.6	1298.0	1292.3	1284.3	1281.4	1276.9
70°	1164.4	1177.8	1189.1	1201.6	1208.3	1211.6	1208.3	1205.4	1200.7	1198.6	1195.3
72.5°	1080.5	1091.9	1100.7	1112.1	1118.4	1122.9	1120.4	1118.7	1114.7	1114.1	1111.8
75°	976.4	984.3	989.2	997.7	1001.1	1005.4	1003.5	1004.5	1003.2	1006.5	1006.3
77.5°	851.2	857.0	859.4	865.5	866.2	871.3	872.5	878.5	882.7	892.1	897.2
80°	710.3	714.0	714.0	720.3	723.1	731.9	735.9	745.8	750.4	758.7	759.5
82.5°	551.8	547.5	551.8	549.2	557.2	566.9	568.3	576.6	578.6	583.9	579.7
85°	377.3	377.0	373.6	374.2	371.7	372.8	371.4	373.0	371.5	371.7	367.9
87.5°	180.7	182.4	178.4	179.8	175.9	177.6	174.2	177.0	173.0	173.6	167.6
90°	46.8	48.1	49.1	50.4	52.3	55.9	59.6	63.3	67.6	71.1	75.0
92.5°	51.9	54.1	56.0	58.1	60.0	65.9	71.9	77.9	84.0	89.8	95.8
95°	59.5	61.3	63.1	65.2	66.9	75.5	84.1	92.7	101.2	109.9	118.4
97.5°	67.3	68.5	69.5	70.7	71.8	81.9	92.1	102.2	112.4	122.5	132.5
100°	77.5	78.8	80.2	81.6	83.0	106.4	129.7	153.1	176.5	199.5	222.9
102.5°	127.0	135.2	143.3	151.7	159.9	216.5	273.1	329.8	386.1	442.8	499.4
105°	291.4	318.9	346.7	374.3	401.8	487.5	573.2	659.0	744.4	830.0	915.7
107.5°	591.0	639.5	688.1	736.6	785.1	865.8	946.3	1026.7	1107.4	1187.9	1268.2
110°	906.4	948.0	990.2	1032.1	1074.0	1137.8	1201.9	1265.7	1329.7	1393.6	1457.4



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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°	1090.6	1116.1	1141.7	1166.9	1192.5	1239.4	1286.6	1333.3	1380.4	1427.0	1473.8
115°	1139.0	1152.2	1165.9	1179.3	1192.9	1221.2	1249.5	1277.8	1306.2	1334.2	1362.6
117.5°	1107.2	1112.1	1117.0	1121.6	1126.4	1141.0	1155.5	1169.9	1184.6	1199.0	1213.5
120°	1028.5	1028.1	1027.8	1027.2	1026.9	1031.2	1035.9	1040.4	1045.0	1049.2	1053.6
122.5°	939.5	936.1	932.9	929.5	926.1	924.3	922.9	921.1	919.8	917.9	916.3
125°	855.3	851.8	848.5	844.9	841.3	837.3	833.3	829.0	824.9	820.6	816.4
127.5°	783.6	780.4	777.6	774.3	771.1	766.3	761.7	757.0	752.5	747.6	743.0
130°	724.4	722.1	720.1	717.3	715.2	710.8	707.0	702.8	698.6	694.5	690.4
132.5°	681.8	680.3	678.7	676.7	675.1	671.4	668.0	663.9	660.3	656.5	653.0
135°	649.2	648.2	647.4	646.2	645.1	642.0	639.4	636.5	633.6	630.8	628.0
137.5°	622.3	621.8	621.6	621.1	620.7	618.1	616.0	613.5	611.2	608.8	606.6
140°	605.3	605.0	604.8	604.4	604.0	601.5	599.0	596.4	594.0	591.4	588.9
142.5°	587.5	587.3	587.2	586.7	586.5	584.4	582.6	580.7	578.8	576.7	574.9
145°	574.5	574.6	574.8	574.6	574.8	572.4	570.2	567.8	565.8	563.4	561.3
147.5°	562.0	562.1	562.4	562.5	562.9	560.7	559.2	557.1	555.5	553.5	551.8
150°	552.7	552.8	552.9	552.7	552.6	550.6	548.8	546.9	545.1	543.1	541.4
152.5°	543.7	543.9	544.2	544.2	544.4	542.5	540.7	538.6	536.7	534.6	532.7
155°	536.0	536.1	536.3	536.3	536.3	534.6	532.8	530.8	529.0	527.2	525.4
157.5°	529.5	529.8	530.1	530.3	530.4	528.8	527.3	525.7	524.2	522.6	521.1
160°	525.2	525.6	525.9	526.1	526.4	525.0	524.1	522.4	521.4	519.8	518.3
162.5°	523.0	523.4	523.7	523.9	524.2	522.8	521.8	520.5	519.2	517.6	516.3
165°	519.5	519.5	519.6	519.6	519.7	518.8	518.1	517.2	516.3	515.3	514.4
167.5°	520.6	520.5	520.8	520.7	520.8	520.1	519.8	519.1	518.5	517.8	517.1
170°	520.3	520.4	520.5	520.3	520.4	519.7	519.2	518.6	518.3	517.3	516.6
172.5°	519.8	519.6	519.4	519.3	518.9	518.5	518.3	517.8	517.5	517.0	516.6
175°	519.2	518.9	518.7	518.6	518.2	518.2	517.9	517.8	517.6	517.3	517.1
177.5°	522.5	522.0	521.4	520.8	520.3	520.1	520.0	519.7	519.8	519.6	519.4
180°	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6



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CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	40036.4	39789.1	39756.5	39773.8	39815.1	39830.4	39875.1	39887.3	39932.1	39943.1	39986.2
5°	40862.5	40535.7	40552.0	40630.6	40749.6	40820.4	40937.4	40998.6	41110.2	41160.9	41261.8
7.5°	41733.6	41477.0	41557.0	41689.5	41852.1	41964.8	42105.3	42196.7	42317.8	42393.0	42489.8
10°	42161.3	42091.0	42179.1	42283.4	42376.2	42448.8	42508.3	42556.1	42587.2	42616.5	42629.3
12.5°	41835.8	41944.6	41959.6	41949.6	41888.0	41841.2	41735.7	41664.0	41536.8	41459.3	41308.0
15°	40629.2	40868.5	40736.0	40535.4	40241.9	39997.1	39651.5	39394.1	39034.2	38790.0	38428.9
17.5°	38511.7	38813.7	38468.4	38004.3	37413.8	36908.5	36279.5	35780.2	35154.6	34699.8	34116.1
20°	35530.6	35812.8	35197.0	34427.5	33514.1	32745.3	31838.7	31115.4	30273.0	29646.3	28890.0
22.5°	31818.9	32020.0	31152.3	30115.0	28951.2	27990.8	26907.0	26039.7	25078.4	24361.9	23555.6
25°	27712.6	27766.8	26726.1	25531.1	24234.0	23154.6	21997.4	21085.7	20105.2	19379.1	18587.6
27.5°	23568.1	23488.5	22363.6	21096.4	19732.1	18610.2	17481.5	16627.1	15768.4	15114.3	14432.5
30°	19656.1	19463.5	18295.6	16993.1	15668.7	14663.2	13726.1	13040.0	12356.8	11838.0	11290.7
32.5°	16068.8	15797.1	14660.2	13439.9	12324.0	11548.0	10853.2	10334.0	9782.3	9344.0	8884.7
35°	12891.5	12601.9	11594.7	10560.2	9715.6	9143.6	8597.5	8171.6	7703.1	7333.4	6934.5
37.5°	10164.6	9927.2	9083.6	8269.5	7630.6	7187.4	6739.9	6391.8	6004.8	5842.1	5415.8
40°	7847.0	7681.1	7021.5	6421.4	5941.6	5733.4	5279.2	4954.1	4664.7	4426.2	4195.2
42.5°	6120.8	6062.1	5420.1	4952.1	4614.3	4351.9	4098.8	3893.3	3693.3	3528.9	3373.6
45°	4491.8	4445.3	4160.3	3890.1	3659.9	3476.6	3305.5	3164.2	3033.4	2925.1	2826.4
47.5°	3497.7	3482.9	3318.7	3151.2	3006.2	2888.4	2777.4	2683.5	2596.7	2524.4	2500.8
50°	2844.9	2842.9	2746.6	2643.2	2540.0	2471.9	2401.0	2345.5	2289.8	2246.4	2200.6
52.5°	2417.2	2406.7	2341.7	2277.9	2216.6	2171.9	2126.6	2091.1	2054.1	2027.4	1998.9
55°	2081.0	2092.0	2054.3	2016.2	1977.8	1950.1	1918.3	1894.9	1869.6	1852.7	1835.5
57.5°	1847.4	1862.0	1842.3	1820.7	1797.3	1779.0	1757.0	1741.0	1724.0	1713.2	1703.2
60°	1677.5	1693.4	1685.5	1674.6	1660.2	1649.3	1635.4	1626.3	1615.5	1609.5	1603.8
62.5°	1533.4	1553.2	1550.4	1545.3	1536.1	1530.0	1522.4	1518.4	1511.2	1508.5	1505.9
65°	1389.6	1411.9	1411.5	1409.0	1403.8	1402.1	1397.3	1396.4	1392.8	1394.2	1393.9
67.5°	1276.4	1295.9	1300.2	1303.3	1303.1	1304.2	1303.8	1305.7	1305.7	1308.5	1310.2
70°	1194.9	1208.3	1211.6	1214.8	1215.7	1218.3	1218.3	1220.0	1219.5	1221.9	1222.2
72.5°	1112.3	1130.1	1133.4	1136.0	1136.0	1138.5	1137.2	1136.8	1133.2	1132.5	1130.0
75°	1009.7	1032.5	1037.5	1040.7	1041.2	1043.3	1040.2	1038.4	1032.5	1030.1	1026.0
77.5°	902.4	926.1	929.7	930.8	928.9	929.4	922.9	918.5	911.0	907.9	903.9
80°	762.9	797.7	800.5	798.3	792.9	792.0	785.7	781.5	772.6	769.5	766.1
82.5°	580.5	621.4	627.2	629.7	625.2	626.3	620.2	617.8	609.6	608.1	602.7
85°	366.5	407.4	414.1	413.2	408.7	407.7	404.1	405.3	404.6	406.9	408.0
87.5°	168.4	208.0	217.5	214.5	214.0	211.2	204.9	207.2	211.1	213.5	213.7
90°	78.8	94.6	98.1	96.0	89.9	87.2	81.4	79.3	74.2	72.0	67.0
92.5°	101.7	107.7	113.6	108.3	103.1	97.7	92.5	87.0	81.9	76.4	71.4
95°	127.0	135.3	143.9	136.8	129.6	122.6	115.5	108.5	101.4	94.3	87.4
97.5°	142.6	152.5	162.4	155.3	148.4	141.2	134.1	127.1	120.0	112.8	105.8
100°	246.3	269.1	292.2	272.2	252.0	232.0	212.0	191.7	171.6	151.6	131.5
102.5°	555.8	612.0	668.4	617.5	566.6	515.8	465.1	414.3	363.6	312.7	262.0
105°	1001.1	1086.2	1171.6	1093.7	1016.3	938.8	861.3	783.7	706.3	628.7	551.3
107.5°	1348.5	1428.1	1508.1	1438.0	1367.8	1297.8	1227.5	1157.5	1087.3	1017.2	947.2
110°	1521.1	1583.8	1647.3	1600.0	1552.9	1505.6	1458.6	1411.5	1364.4	1317.5	1270.5



TEST NUMBER: P1444551
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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°	1520.5	1565.6	1611.9	1584.0	1556.5	1528.8	1501.3	1473.5	1446.2	1418.5	1391.3
115°	1390.5	1416.7	1444.2	1433.0	1422.0	1411.1	1399.9	1389.1	1378.0	1367.2	1356.5
117.5°	1227.8	1239.8	1253.4	1251.0	1249.1	1246.6	1244.6	1242.4	1240.5	1238.5	1236.7
120°	1058.0	1059.6	1063.2	1064.3	1065.6	1066.6	1067.9	1069.1	1070.5	1071.7	1073.2
122.5°	914.5	909.9	907.3	908.3	909.3	910.2	911.3	912.4	913.6	914.7	916.1
125°	812.3	804.7	799.5	797.3	795.3	793.1	790.8	788.7	786.7	784.7	782.8
127.5°	738.2	729.9	724.3	719.7	715.0	710.2	705.6	700.7	696.3	691.5	687.2
130°	686.4	678.4	673.2	667.3	661.8	655.7	650.1	644.2	638.4	632.6	627.0
132.5°	649.1	641.3	636.7	631.1	625.8	620.0	614.5	608.8	603.3	597.4	592.1
135°	625.1	618.0	614.3	609.0	604.3	599.0	593.9	588.8	583.8	578.4	573.7
137.5°	604.1	597.2	593.9	589.7	585.8	581.6	577.8	573.4	569.4	564.9	561.0
140°	586.4	579.1	575.7	573.2	571.1	568.4	566.2	563.6	561.3	558.8	556.4
142.5°	572.9	565.9	562.9	561.3	560.0	558.3	557.0	555.3	553.8	551.9	550.4
145°	559.2	551.3	548.0	547.6	547.5	547.3	547.0	546.7	546.4	546.0	545.6
147.5°	549.7	541.8	538.5	538.8	539.0	539.0	539.4	539.2	539.6	539.6	539.8
150°	539.3	530.2	526.5	527.1	527.5	528.1	528.6	529.1	529.9	530.3	530.9
152.5°	530.5	519.7	515.5	516.1	517.0	517.4	518.2	518.8	519.7	520.5	521.2
155°	523.1	511.6	507.0	507.0	507.3	507.6	507.9	508.4	508.8	509.2	509.7
157.5°	519.1	507.0	502.7	502.3	502.5	502.5	502.6	502.8	503.0	503.2	503.8
160°	516.8	504.8	500.5	500.1	500.2	500.1	500.0	500.1	500.3	500.5	501.0
162.5°	514.7	502.9	498.8	498.4	498.2	498.2	498.2	498.0	498.2	498.3	498.7
165°	513.2	502.9	499.3	499.2	499.3	499.3	499.4	499.5	499.8	500.1	500.5
167.5°	516.2	507.0	504.1	503.6	503.2	502.7	502.7	502.2	502.2	501.9	501.9
170°	515.8	508.6	505.9	505.9	506.0	506.0	505.9	506.0	506.0	506.0	506.2
172.5°	516.0	510.8	508.9	509.1	509.5	509.9	510.3	510.6	511.0	511.5	511.9
175°	516.9	513.7	512.9	512.8	513.1	513.3	513.5	513.8	514.0	514.2	514.8
177.5°	519.3	518.4	517.9	517.9	517.9	517.9	517.9	517.9	517.9	518.1	518.1
180°	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6



TEST NUMBER: P1444551
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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°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39994.3	40041.0	40037.4	40080.9	40078.8	40119.8	40111.5	40146.9	40138.9	40169.1	40151.4
5°	41306.2	41394.9	41424.1	41504.2	41520.8	41592.4	41593.9	41650.8	41643.9	41688.4	41664.8
7.5°	42547.2	42630.0	42669.3	42731.5	42762.6	42814.0	42834.1	42876.5	42886.7	42911.7	42910.9
10°	42651.9	42651.7	42671.0	42662.4	42679.8	42669.7	42690.9	42683.3	42714.6	42706.5	42730.2
12.5°	41242.7	41102.8	41051.8	40926.1	40898.7	40790.9	40798.5	40729.4	40762.7	40720.3	40792.6
15°	38214.0	37889.6	37729.2	37447.1	37358.6	37135.6	37117.5	36969.4	37009.4	36932.0	37045.2
17.5°	33738.3	33227.5	32947.2	32535.3	32371.7	32056.4	31993.2	31802.6	31832.1	31736.1	31872.9
20°	28402.2	27785.0	27431.3	26955.1	26742.5	26366.6	26266.8	26053.6	26080.4	25984.8	26139.5
22.5°	23005.2	22359.1	21960.0	21460.6	21189.3	20835.7	20729.6	20515.3	20527.5	20437.8	20586.7
25°	18045.5	17426.1	17038.7	16585.1	16349.6	16025.5	15914.0	15721.6	15732.5	15658.5	15792.1
27.5°	13959.5	13451.3	13127.1	12746.9	12535.8	12269.4	12160.7	11998.9	11998.5	11944.2	12055.8
30°	10908.6	10484.5	10193.4	9862.4	9664.1	9423.6	9318.6	9173.9	9167.6	9129.1	9217.7
32.5°	8541.2	8163.9	7898.4	7607.2	7429.1	7222.8	7123.4	7007.1	6996.5	6961.6	7034.4
35°	6639.7	6322.0	6093.7	5848.4	5866.5	5562.0	5612.6	5376.2	5312.1	5298.0	5352.2
37.5°	5131.7	4885.6	4700.2	4516.5	4392.1	4263.4	4194.1	4131.9	4124.9	4118.8	4156.8
40°	4016.7	3844.5	3709.7	3583.6	3498.0	3419.5	3376.1	3342.0	3333.8	3329.3	3352.3
42.5°	3250.9	3134.8	3047.8	2970.9	2918.8	2876.2	2852.3	2833.4	2827.0	2827.2	2840.7
45°	2746.6	2676.2	2620.1	2572.3	2539.0	2553.7	2510.7	2533.2	2503.5	2534.2	2513.9
47.5°	2418.8	2358.8	2324.1	2290.2	2270.1	2253.9	2254.5	2254.8	2261.2	2262.1	2268.7
50°	2165.8	2131.1	2107.0	2085.4	2074.9	2066.4	2069.4	2071.5	2077.7	2078.2	2083.0
52.5°	1978.6	1955.8	1941.3	1927.8	1923.1	1918.3	1920.3	1919.5	1922.3	1920.8	1924.8
55°	1826.2	1815.5	1811.0	1805.9	1806.7	1805.3	1806.2	1801.4	1798.5	1794.8	1798.2
57.5°	1701.2	1699.7	1702.8	1704.9	1710.6	1712.6	1714.0	1708.4	1703.1	1698.3	1701.1
60°	1604.9	1607.2	1614.9	1621.0	1629.3	1633.1	1635.5	1632.3	1628.4	1624.4	1626.8
62.5°	1509.9	1513.6	1522.7	1529.6	1539.6	1544.7	1550.4	1550.7	1552.3	1550.7	1552.4
65°	1399.5	1404.1	1412.3	1418.1	1427.4	1431.9	1437.8	1438.8	1442.0	1441.3	1444.2
67.5°	1315.7	1319.8	1326.7	1332.2	1340.4	1345.2	1350.3	1350.6	1351.7	1351.5	1354.1
70°	1226.3	1228.3	1234.5	1239.1	1247.3	1252.2	1258.1	1259.8	1263.5	1264.1	1267.0
72.5°	1131.0	1130.1	1133.8	1135.8	1142.0	1145.9	1153.4	1157.4	1163.6	1165.3	1167.5
75°	1027.1	1026.2	1030.7	1032.5	1037.8	1041.6	1050.0	1055.4	1064.9	1068.9	1067.9
77.5°	907.0	909.0	917.3	921.8	928.9	933.7	944.7	953.3	970.9	978.4	970.7
80°	772.6	774.8	783.4	787.6	796.8	802.7	815.0	825.0	840.9	844.2	839.8
82.5°	607.4	608.0	615.6	618.9	630.9	639.7	655.1	663.1	672.8	671.4	670.2
85°	414.1	419.7	429.3	438.9	453.6	467.6	482.3	494.3	485.8	499.2	484.1
87.5°	221.4	220.8	233.7	231.6	252.2	264.1	276.8	282.8	289.6	288.3	288.4
90°	65.4	62.0	61.8	58.0	58.8	54.8	56.5	52.8	55.4	50.8	57.9
92.5°	65.8	63.1	60.1	57.4	54.4	51.7	48.7	45.8	43.0	40.0	43.0
95°	80.3	77.7	75.0	72.2	69.6	66.9	64.3	61.7	59.0	56.3	59.6
97.5°	98.7	97.2	95.6	94.1	92.5	91.0	89.5	87.9	86.3	84.7	87.0
100°	111.4	111.4	111.4	111.4	111.1	111.1	111.1	111.1	111.1	111.1	112.9
102.5°	211.1	206.0	201.0	195.7	190.6	185.6	180.5	175.4	170.4	165.3	172.8
105°	473.8	453.9	434.0	414.1	394.2	374.3	354.5	334.6	314.8	295.0	315.4
107.5°	877.4	841.0	804.9	768.7	732.4	696.3	660.1	624.0	587.9	551.7	584.1
110°	1223.5	1185.1	1146.5	1108.2	1069.7	1031.2	992.8	954.5	916.1	877.8	908.6



TEST NUMBER: P1444551
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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°	1363.9	1338.7	1313.8	1289.0	1264.2	1239.5	1214.7	1190.0	1165.4	1140.7	1155.7
115°	1345.5	1333.7	1321.7	1310.0	1298.0	1286.1	1274.3	1262.6	1250.9	1239.3	1240.1
117.5°	1234.6	1230.4	1226.5	1222.4	1218.3	1214.4	1210.6	1206.8	1202.9	1199.3	1191.0
120°	1074.8	1075.8	1076.8	1078.0	1079.3	1080.6	1081.7	1083.3	1084.8	1086.4	1075.1
122.5°	917.5	920.0	922.7	925.5	928.4	931.5	934.5	937.8	941.1	944.4	933.2
125°	780.7	783.4	785.9	788.6	791.1	794.3	797.3	800.6	803.7	807.2	797.7
127.5°	682.7	683.4	683.9	684.8	685.7	686.9	688.1	689.5	691.0	692.8	686.9
130°	621.1	619.9	618.3	617.3	615.8	615.1	614.4	613.7	613.1	612.8	610.2
132.5°	586.4	583.7	580.9	578.2	575.7	573.5	571.2	569.4	567.4	565.9	565.1
135°	568.3	564.6	561.0	557.4	553.9	551.0	547.7	545.0	542.3	539.8	540.5
137.5°	556.8	553.3	549.5	546.1	542.6	539.7	536.4	533.6	531.0	528.4	529.6
140°	553.8	550.2	546.4	543.1	539.9	536.7	533.7	531.1	528.0	525.8	526.5
142.5°	548.6	545.6	542.1	539.1	536.0	533.3	530.6	528.2	525.4	523.4	524.2
145°	545.2	542.9	540.4	537.9	535.8	533.9	531.5	529.9	528.2	526.8	527.2
147.5°	539.7	538.0	536.1	534.5	532.5	531.3	529.6	528.3	527.1	526.0	526.2
150°	531.4	530.3	529.0	528.0	526.8	525.8	524.9	524.1	523.2	522.6	522.6
152.5°	521.9	521.1	519.8	518.9	518.0	517.2	516.3	515.8	515.1	514.5	514.5
155°	510.2	509.7	509.3	509.1	508.7	508.6	508.2	508.2	507.9	507.9	508.0
157.5°	504.0	504.1	503.8	504.0	504.0	504.0	504.0	504.4	504.2	504.6	504.9
160°	501.5	501.3	501.1	501.0	500.9	500.7	500.8	500.7	500.8	500.7	501.2
162.5°	498.9	499.3	499.5	499.7	500.1	500.4	500.9	501.5	501.8	502.4	502.8
165°	501.0	501.0	500.9	500.8	501.0	501.1	501.2	501.6	501.7	502.1	502.7
167.5°	501.8	502.1	502.2	502.6	502.9	503.4	503.7	504.5	505.0	505.8	506.2
170°	506.1	506.1	506.1	506.1	506.1	506.4	506.6	506.7	506.9	507.3	507.7
172.5°	512.2	512.2	511.9	512.2	511.9	512.2	512.2	512.3	512.3	512.5	512.7
175°	514.7	515.2	515.4	515.8	515.8	516.0	516.2	516.5	516.7	517.1	517.1
177.5°	518.1	518.2	518.2	518.2	518.2	518.4	518.4	518.4	518.4	518.2	518.4
180°	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6



TEST NUMBER: P1444551
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CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	40181.0	40160.8	40181.4	40160.5	40181.4	40156.3	40173.3	40146.3	40153.1	40125.0	40132.3
5°	41700.3	41668.2	41685.2	41643.6	41648.0	41592.4	41591.4	41526.7	41509.6	41435.9	41403.6
7.5°	42928.8	42918.3	42924.2	42897.4	42894.4	42856.3	42838.3	42784.8	42751.0	42683.3	42636.9
10°	42734.3	42765.6	42773.7	42805.6	42812.2	42843.8	42850.5	42882.1	42888.7	42912.1	42912.4
12.5°	40789.2	40895.6	40921.0	41052.4	41107.6	41257.9	41338.6	41504.2	41602.5	41767.7	41869.2
15°	37042.1	37226.0	37299.4	37556.0	37697.9	37997.3	38185.5	38529.3	38772.0	39137.2	39397.6
17.5°	31884.9	32142.0	32258.1	32605.9	32832.8	33274.7	33593.4	34117.6	34519.1	35101.7	35563.5
20°	26166.0	26451.7	26609.2	27006.1	27273.9	27790.3	28187.9	28832.2	29369.5	30107.9	30739.2
22.5°	20633.3	20905.3	21080.1	21483.9	21785.3	22324.0	22768.4	23448.4	24050.5	24882.4	25639.5
25°	15842.5	16091.7	16249.8	16614.9	16898.1	17393.0	17817.5	18471.5	19060.5	19895.1	20671.2
27.5°	12111.4	12320.1	12472.5	12783.9	13033.5	13453.3	13817.9	14358.4	14865.9	15587.9	16279.1
30°	9272.3	9457.3	9605.5	9876.7	10108.3	10472.1	10792.7	11246.7	11666.8	12241.3	12791.2
32.5°	7085.6	7244.9	7377.0	7614.3	7824.4	8152.0	8440.8	8838.9	9199.4	9686.6	10139.0
35°	5402.4	5715.9	5693.7	6021.1	6073.7	6308.9	6566.6	6914.6	7233.9	7648.2	8033.2
37.5°	4193.2	4281.4	4375.7	4520.5	4672.5	4886.5	5104.2	5529.4	5685.3	5998.5	6317.2
40°	3381.4	3441.0	3503.3	3601.1	3707.6	3858.3	4016.8	4219.7	4427.5	4681.3	4940.7
42.5°	2858.6	2892.4	2932.0	2989.5	3055.2	3150.8	3256.9	3394.3	3538.9	3717.6	3900.0
45°	2554.1	2538.1	2549.8	2580.7	2620.3	2678.4	2745.3	2830.4	2924.6	3040.3	3163.6
47.5°	2270.1	2276.6	2280.1	2296.8	2318.1	2357.0	2397.6	2455.4	2567.1	2601.0	2668.2
50°	2082.6	2085.7	2084.6	2093.1	2103.9	2129.2	2155.6	2194.6	2233.7	2285.5	2334.9
52.5°	1925.4	1929.7	1929.2	1934.8	1940.5	1956.5	1973.2	2000.8	2026.4	2059.4	2087.7
55°	1801.3	1807.3	1809.6	1814.4	1817.1	1825.5	1832.1	1845.4	1856.2	1874.9	1892.1
57.5°	1705.8	1714.0	1717.8	1719.4	1716.0	1715.6	1713.4	1716.2	1718.5	1728.4	1738.1
60°	1630.6	1637.2	1638.3	1637.2	1631.1	1626.6	1619.6	1617.3	1616.2	1621.0	1626.3
62.5°	1552.0	1554.3	1552.7	1550.7	1543.7	1539.5	1532.1	1529.4	1527.0	1530.4	1533.1
65°	1443.1	1445.1	1443.1	1441.9	1435.6	1432.2	1426.0	1424.0	1420.4	1421.4	1420.7
67.5°	1354.7	1356.8	1355.1	1353.5	1349.1	1347.1	1342.5	1339.5	1335.3	1333.7	1330.7
70°	1266.6	1268.3	1265.7	1264.1	1259.1	1257.2	1252.9	1252.1	1248.7	1247.9	1244.5
72.5°	1165.3	1165.4	1161.9	1160.8	1157.1	1157.0	1155.3	1156.9	1156.8	1158.5	1157.7
75°	1061.5	1060.1	1055.7	1054.9	1052.1	1053.5	1051.6	1054.1	1054.4	1058.2	1058.6
77.5°	957.8	952.3	943.9	939.9	934.3	933.6	930.4	932.6	931.9	936.3	938.0
80°	826.6	819.9	809.2	804.0	797.4	796.4	793.4	796.4	794.9	800.1	803.7
82.5°	659.9	654.2	643.1	638.9	631.2	632.0	628.7	632.0	631.5	639.2	643.6
85°	488.1	484.3	472.9	462.7	451.4	444.8	438.3	437.1	435.2	438.3	440.9
87.5°	282.0	278.4	269.5	263.5	243.7	244.5	236.8	236.4	234.5	232.7	236.8
90°	57.2	63.3	63.0	68.6	68.8	75.1	75.8	81.9	82.1	88.2	89.4
92.5°	45.8	48.7	51.5	54.4	57.2	60.1	62.9	65.8	72.0	77.9	84.4
95°	62.9	66.2	69.5	72.9	76.2	79.5	82.8	86.1	95.1	104.1	113.3
97.5°	89.2	91.3	93.6	95.7	97.9	100.2	102.3	104.5	114.3	124.0	133.7
100°	114.6	116.4	118.1	119.9	121.7	123.4	125.2	126.9	145.9	164.6	183.5
102.5°	180.3	187.8	195.3	202.7	210.4	218.0	225.4	232.9	276.1	319.0	362.1
105°	336.0	356.4	377.2	397.6	418.2	438.7	459.3	479.8	548.7	617.5	686.5
107.5°	616.5	648.9	681.3	713.9	746.3	778.8	811.2	843.8	910.9	978.2	1045.3
110°	939.5	970.6	1001.4	1032.4	1063.2	1094.3	1125.2	1156.4	1196.8	1237.0	1277.5



TEST NUMBER: P1444551
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL36

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	1170.7	1185.7	1200.9	1216.0	1231.1	1246.4	1261.6	1276.9	1297.2	1317.2	1337.6
115°	1241.1	1242.0	1243.2	1244.2	1245.4	1246.3	1247.8	1249.0	1255.5	1262.0	1268.5
117.5°	1182.6	1174.5	1166.5	1158.1	1150.1	1142.3	1134.4	1126.6	1125.4	1124.3	1123.3
120°	1064.4	1053.2	1042.2	1031.3	1020.6	1009.8	999.3	988.7	983.4	978.2	973.0
122.5°	922.2	911.2	900.4	889.6	879.0	868.5	858.1	847.7	844.1	840.6	837.1
125°	788.6	779.5	770.5	761.6	753.0	744.4	736.0	727.5	727.6	727.5	727.9
127.5°	681.3	675.8	670.5	665.2	660.3	655.3	650.4	645.6	648.4	651.0	653.8
130°	607.9	605.5	603.6	601.3	599.8	597.9	596.3	594.6	599.2	603.6	608.1
132.5°	565.0	564.7	564.7	564.6	564.9	565.2	565.8	566.2	571.4	576.3	581.7
135°	541.1	542.0	543.2	544.2	545.8	547.2	548.8	550.2	555.3	560.1	565.1
137.5°	530.9	532.0	533.6	535.1	537.2	538.8	541.0	542.8	546.8	550.7	554.7
140°	527.6	528.5	529.9	531.3	532.7	534.3	536.1	537.6	541.0	544.1	547.2
142.5°	525.3	526.1	527.4	528.7	530.2	531.5	533.1	534.5	537.0	539.1	541.9
145°	528.1	528.6	529.7	530.6	531.7	532.8	534.1	535.1	536.9	538.3	539.9
147.5°	526.8	527.2	528.0	528.7	529.6	530.3	531.1	531.7	533.0	534.0	535.1
150°	523.0	523.1	523.5	523.8	524.5	525.0	525.6	526.0	526.9	527.7	528.9
152.5°	514.9	515.0	515.4	515.5	516.0	516.4	516.8	517.3	518.3	518.9	519.9
155°	508.5	509.1	509.6	510.1	510.8	511.1	511.9	512.3	513.0	513.6	514.4
157.5°	505.5	505.8	506.5	506.8	507.6	508.0	508.6	509.1	509.7	510.2	510.8
160°	502.0	502.9	503.5	504.3	505.1	505.9	506.6	507.4	508.0	508.5	509.1
162.5°	503.4	504.0	504.6	505.0	505.6	506.1	506.6	507.2	508.2	508.7	509.6
165°	503.4	504.2	505.1	505.6	506.5	507.4	508.1	508.9	509.2	509.8	510.3
167.5°	507.1	507.6	508.6	509.2	510.0	510.7	511.6	512.2	512.7	513.0	513.6
170°	508.4	509.1	509.7	510.4	511.1	511.6	512.4	512.9	513.7	514.2	515.1
172.5°	513.3	513.8	514.3	514.7	515.2	515.8	516.4	516.7	517.4	517.9	518.5
175°	517.1	517.1	517.2	517.4	517.5	517.5	517.7	518.0	518.1	518.3	518.4
177.5°	518.6	518.8	519.0	519.2	519.4	519.7	519.9	520.1	520.1	520.1	520.1
180°	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6



TEST NUMBER: P1444551
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL36

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	40104.2	40105.9	40073.5	40071.8	40041.5	40037.7	40008.1	39999.2	39975.2	39966.5	39942.1
5°	41320.9	41281.5	41190.4	41136.9	41046.9	40987.3	40890.0	40826.4	40732.5	40661.6	40567.0
7.5°	42551.5	42490.3	42388.1	42305.3	42180.4	42080.7	41934.6	41815.0	41656.7	41519.7	41353.5
10°	42912.4	42903.0	42877.0	42839.0	42780.9	42715.7	42616.2	42512.5	42373.9	42223.2	42038.5
12.5°	42024.4	42120.3	42251.0	42328.5	42422.8	42464.1	42502.8	42493.1	42467.6	42391.5	42284.7
15°	39774.9	40044.3	40401.1	40677.6	40995.7	41226.9	41482.3	41641.4	41800.0	41873.3	41918.1
17.5°	36196.4	36706.6	37346.4	37876.6	38488.3	38979.6	39518.2	39923.7	40340.7	40639.4	40909.5
20°	31599.9	32339.1	33243.9	34043.3	34972.7	35780.4	36665.6	37392.2	38141.6	38727.6	39282.1
22.5°	26614.2	27492.1	28586.1	29599.4	30797.7	31874.5	33089.5	34146.9	35251.0	36173.4	37065.3
25°	21711.6	22674.4	23870.6	25001.2	26358.2	27610.8	29051.7	30369.7	31796.7	33035.6	34259.6
27.5°	17234.9	18180.1	19401.3	20604.8	22039.8	23374.4	24918.4	26370.4	27995.3	29493.6	31026.5
30°	13555.4	14357.1	15452.1	16617.7	18033.1	19391.2	20951.8	22445.3	24135.6	25771.6	27498.1
32.5°	10739.5	11350.3	12211.1	13196.8	14502.7	15795.6	17281.6	18723.3	20387.8	22040.5	23836.2
35°	8529.2	9005.5	9661.9	10431.1	11536.9	12651.5	13965.8	15276.9	16829.8	18398.1	20143.4
37.5°	6725.7	7112.2	7626.3	8204.1	9091.1	10005.7	11083.5	12170.4	13519.8	14909.9	16491.7
40°	5252.0	5565.0	5965.2	6396.1	7065.9	7770.6	8604.1	9447.0	10531.1	11667.2	12976.3
42.5°	4125.8	4356.8	4639.4	4954.4	5579.3	5953.4	6518.7	7128.3	7925.2	8750.0	9734.2
45°	3313.4	3470.9	3667.0	3878.2	4168.2	4485.7	4872.7	5278.6	6035.8	6407.2	7005.7
47.5°	2767.0	2872.8	2997.5	3130.6	3301.7	3486.3	3715.9	3950.5	4254.1	4568.8	4937.6
50°	2399.0	2506.6	2549.4	2618.4	2717.4	2822.8	2952.2	3081.6	3244.4	3409.5	3599.3
52.5°	2126.0	2161.0	2207.5	2251.5	2312.7	2432.8	2471.6	2539.2	2630.6	2719.9	2819.6
55°	1917.4	1940.2	1970.5	1996.9	2034.1	2069.5	2120.7	2165.6	2226.5	2280.4	2346.6
57.5°	1755.0	1769.6	1790.6	1808.0	1832.0	1852.0	1881.9	1906.4	1941.4	1971.8	2012.0
60°	1637.1	1646.8	1660.9	1672.2	1687.5	1698.0	1712.8	1724.3	1742.8	1758.3	1780.6
62.5°	1540.7	1545.8	1555.0	1561.7	1571.4	1576.6	1584.6	1589.6	1599.7	1607.5	1620.0
65°	1425.1	1426.3	1432.5	1435.3	1443.0	1445.7	1452.2	1454.5	1463.0	1468.7	1479.7
67.5°	1330.4	1327.8	1327.9	1325.8	1326.7	1324.5	1325.2	1322.8	1326.1	1327.9	1336.3
70°	1243.9	1240.2	1239.1	1235.1	1233.9	1229.9	1228.7	1225.0	1224.5	1223.4	1226.3
72.5°	1159.7	1158.7	1159.0	1156.2	1155.9	1153.1	1153.2	1151.4	1153.4	1154.2	1158.0
75°	1062.8	1063.1	1064.9	1062.5	1063.2	1060.9	1061.7	1059.5	1060.7	1060.3	1064.1
77.5°	944.8	947.6	952.7	951.7	953.3	950.7	951.9	948.8	949.6	947.6	949.1
80°	812.2	818.1	825.0	824.7	827.6	825.6	828.3	825.3	826.6	823.0	822.1
82.5°	654.6	659.6	667.0	667.3	673.8	675.0	682.1	681.8	686.4	683.5	681.4
85°	447.6	451.0	457.4	461.0	467.6	471.6	478.6	481.4	476.4	485.5	478.3
87.5°	233.7	242.4	237.6	248.8	246.2	257.6	255.2	265.8	263.7	272.9	271.7
90°	97.1	98.7	106.8	108.9	118.3	121.4	125.0	121.2	124.6	121.1	124.4
92.5°	90.2	96.7	102.8	109.0	115.1	121.5	115.6	109.9	104.1	98.6	92.7
95°	122.3	131.3	140.3	149.4	158.4	167.5	157.8	148.2	138.5	128.8	119.1
97.5°	143.4	153.1	162.8	172.5	182.4	192.1	180.6	169.2	157.8	146.4	134.9
100°	202.2	221.0	239.7	258.5	277.4	296.1	274.9	253.5	232.3	210.9	189.6
102.5°	405.3	448.3	491.3	534.6	577.5	620.6	575.4	530.3	484.8	439.5	394.2
105°	755.3	824.3	893.1	962.1	1030.9	1100.1	1026.6	953.2	879.7	806.4	732.8
107.5°	1112.6	1179.6	1247.1	1314.2	1381.5	1449.0	1374.6	1300.1	1225.8	1151.2	1076.7
110°	1318.1	1358.4	1399.0	1439.6	1479.9	1520.7	1466.3	1412.1	1357.7	1303.3	1249.0



TEST NUMBER: P1444551
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL36

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	1357.8	1378.4	1398.5	1419.0	1439.3	1459.8	1421.0	1382.4	1343.4	1304.8	1265.8
115°	1275.2	1281.7	1288.4	1295.1	1301.7	1308.3	1282.2	1256.2	1230.2	1204.1	1177.7
117.5°	1122.3	1121.6	1120.5	1119.8	1118.7	1117.8	1103.2	1088.8	1074.2	1059.6	1045.0
120°	967.7	962.6	957.5	952.3	947.0	941.7	935.8	929.9	923.7	917.5	911.2
122.5°	833.5	830.2	826.6	823.1	819.4	815.8	813.6	811.6	809.2	807.0	804.5
125°	728.0	728.1	728.2	728.4	728.3	728.4	727.2	726.3	725.2	724.3	722.9
127.5°	656.3	659.1	661.6	664.3	666.6	669.2	669.0	669.1	668.9	668.7	668.6
130°	612.4	617.2	621.4	625.6	629.8	634.3	633.6	633.3	632.8	632.3	631.8
132.5°	586.7	591.8	596.7	601.9	606.7	611.6	611.0	610.5	609.5	609.0	608.2
135°	569.8	574.7	579.3	584.2	588.7	593.3	592.4	591.6	590.5	589.8	588.9
137.5°	558.3	562.6	566.2	569.9	573.6	577.4	576.3	575.5	574.4	573.7	572.7
140°	550.3	553.4	556.3	559.4	562.3	565.3	563.9	562.9	561.5	560.2	558.9
142.5°	544.1	546.5	548.5	551.0	553.0	555.4	553.4	551.6	549.8	548.0	546.2
145°	541.4	543.2	544.6	546.1	547.2	548.9	546.6	544.6	542.2	540.3	537.9
147.5°	536.0	537.1	537.8	538.9	539.4	540.5	538.3	536.3	534.2	531.9	529.8
150°	529.5	530.6	531.3	532.1	532.7	533.7	531.4	529.2	526.8	524.6	522.4
152.5°	520.7	521.6	522.2	522.8	523.6	524.2	521.9	520.1	517.8	515.5	513.4
155°	514.7	515.4	515.6	516.2	516.4	516.8	514.9	513.3	511.6	509.6	507.7
157.5°	511.2	511.8	512.3	512.5	512.8	513.3	511.9	510.6	509.1	507.8	506.3
160°	509.4	509.9	510.3	510.6	511.1	511.2	510.0	509.1	508.0	506.7	505.4
162.5°	510.1	510.9	511.4	512.0	512.6	513.1	511.8	510.5	509.1	507.7	506.2
165°	510.7	511.2	511.7	512.1	512.3	512.6	511.8	510.9	509.8	509.1	507.9
167.5°	513.9	514.6	514.9	515.3	515.5	515.7	514.8	514.1	513.0	512.0	510.9
170°	515.5	515.9	516.5	517.1	517.5	517.8	517.2	516.5	515.6	514.9	513.9
172.5°	518.9	519.4	519.6	520.2	520.4	520.9	520.2	519.3	518.6	517.7	516.7
175°	518.4	518.6	518.8	518.8	518.8	518.9	518.3	517.6	517.0	516.3	515.6
177.5°	520.1	520.1	520.1	520.0	520.0	520.0	519.5	519.1	518.6	518.3	517.6
180°	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6



TEST NUMBER: P1444551
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL36

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39933.4	39916.1	39904.9	39890.7	39881.9	39870.9	39862.8	39855.9	39850.3	39845.2	39841.3
5°	40494.9	40405.6	40336.4	40261.3	40199.8	40138.3	40090.9	40051.6	40024.6	40004.3	39992.3
7.5°	41209.8	41046.4	40901.2	40748.2	40611.1	40476.3	40360.1	40259.9	40184.7	40136.1	40106.5
10°	41848.3	41629.6	41413.3	41185.6	40969.7	40760.3	40567.0	40397.0	40262.4	40173.0	40120.8
12.5°	42134.6	41948.2	41727.3	41480.1	41215.5	40947.7	40686.9	40451.6	40254.1	40121.5	40045.0
15°	41882.5	41806.0	41656.0	41464.2	41213.1	40936.3	40630.0	40342.0	40077.1	39905.3	39805.7
17.5°	41062.5	41169.3	41157.8	41084.5	40903.9	40671.0	40358.8	40035.3	39704.0	39474.4	39348.9
20°	39678.8	40014.5	40184.7	40272.1	40201.2	40050.2	39767.5	39439.2	39053.0	38753.3	38570.3
22.5°	37734.3	38327.0	38696.2	38966.4	39023.7	38972.3	38722.7	38410.4	37980.0	37619.6	37349.5
25°	35231.2	36099.3	36683.0	37140.4	37318.2	37364.0	37151.7	36841.2	36361.2	35941.5	35570.4
27.5°	32282.7	33410.8	34190.1	34804.8	35082.3	35202.6	35007.2	34690.4	34122.7	33621.6	33136.9
30°	28963.4	30301.8	31240.0	31977.1	32315.4	32474.4	32266.7	31913.2	31252.5	30649.5	30038.8
32.5°	25410.7	26875.3	27897.6	28698.1	29033.3	29182.9	28911.3	28514.1	27750.5	27040.2	26328.0
35°	21691.1	23169.4	24200.3	24979.6	25260.4	25350.6	25003.2	24544.2	23698.2	22918.5	22142.1
37.5°	17895.7	19271.0	20208.0	20907.3	21081.2	21096.7	20678.2	20171.2	19282.0	18513.3	17740.3
40°	14133.1	15292.9	16049.4	16609.2	16669.5	16615.7	16160.7	15650.4	14818.6	14129.9	13451.3
42.5°	10588.9	11464.4	12004.2	12387.8	12365.0	12258.6	11841.4	11402.8	10716.5	10192.0	9657.9
45°	7552.6	8129.8	8445.4	8669.9	8597.8	8496.5	8171.8	7864.3	7398.0	7059.1	6700.3
47.5°	5246.9	5936.2	5816.2	6255.0	5877.0	6126.6	5606.6	5319.9	5072.5	4892.4	4689.6
50°	3756.3	3914.3	3990.6	4042.6	4015.0	3976.6	3883.2	3799.7	3686.6	3604.2	3508.2
52.5°	2900.9	2979.8	3023.1	3054.4	3048.3	3034.3	2993.5	2956.4	2903.4	2868.5	2826.4
55°	2457.2	2458.4	2537.9	2503.8	2554.3	2495.1	2518.4	2452.9	2463.5	2407.3	2369.6
57.5°	2041.8	2074.2	2088.8	2102.9	2098.9	2096.4	2080.6	2072.8	2054.9	2049.5	2036.8
60°	1796.0	1813.0	1816.5	1823.0	1817.6	1815.5	1803.1	1798.7	1786.8	1784.6	1776.2
62.5°	1627.5	1636.2	1636.2	1636.2	1629.2	1622.4	1608.7	1601.5	1591.3	1589.1	1584.3
65°	1486.9	1495.9	1497.4	1499.2	1494.1	1488.9	1476.7	1469.0	1458.5	1454.5	1449.0
67.5°	1341.8	1351.4	1354.6	1359.4	1356.5	1355.4	1347.2	1344.1	1337.2	1335.6	1330.4
70°	1227.7	1231.7	1231.4	1231.3	1224.8	1219.1	1209.5	1204.9	1197.8	1196.3	1191.6
72.5°	1160.0	1162.8	1161.0	1158.5	1150.2	1141.6	1130.4	1122.1	1112.7	1106.9	1100.2
75°	1064.5	1068.2	1065.8	1064.3	1056.7	1051.2	1042.1	1037.6	1031.0	1029.1	1024.5
77.5°	947.3	949.1	945.3	944.8	939.1	935.6	928.8	927.6	922.8	922.9	918.5
80°	816.8	815.8	809.6	808.5	802.7	801.3	796.0	796.3	792.5	794.0	790.9
82.5°	672.1	668.5	660.4	658.0	651.4	650.8	647.3	650.2	647.9	651.4	649.4
85°	481.7	482.7	479.2	479.2	477.2	477.8	477.5	479.8	480.1	483.3	483.2
87.5°	268.6	272.4	271.7	275.2	275.0	279.0	280.3	286.2	286.9	292.3	292.3
90°	121.0	124.9	121.3	125.4	123.9	129.3	128.8	134.0	132.8	137.3	134.9
92.5°	87.0	81.3	75.7	69.8	66.9	63.8	61.5	58.1	55.5	52.4	49.5
95°	109.4	99.7	90.0	80.3	77.0	73.6	70.3	67.0	63.6	60.3	57.0
97.5°	123.4	112.0	100.5	89.1	86.2	83.4	80.4	77.6	74.7	71.8	68.9
100°	168.1	146.8	125.6	104.0	101.6	99.2	96.8	94.3	91.9	89.3	86.9
102.5°	349.0	303.5	258.1	212.7	204.1	195.6	186.9	178.2	169.6	161.1	152.4
105°	659.4	585.8	512.3	438.8	415.4	392.0	368.6	345.2	321.8	298.4	275.1
107.5°	1002.1	927.4	852.8	778.1	735.2	691.9	648.8	605.3	562.4	518.9	475.8
110°	1194.6	1140.1	1085.7	1031.0	996.5	961.7	926.9	892.1	857.2	822.3	787.5



TEST NUMBER: P1444551
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL36

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1227.0	1188.0	1149.1	1109.8	1094.2	1078.4	1062.8	1047.0	1031.2	1015.3	999.5
115°	1151.4	1125.2	1098.9	1072.3	1067.1	1061.4	1056.0	1050.3	1044.9	1039.1	1033.4
117.5°	1030.3	1015.7	1000.8	986.1	987.1	988.0	989.1	989.9	990.8	991.4	992.1
120°	904.9	898.7	892.6	886.3	891.3	896.0	901.0	905.5	910.2	914.6	919.2
122.5°	802.4	799.9	797.7	795.0	801.0	806.9	812.5	818.4	823.9	829.2	834.6
125°	722.1	720.7	719.7	718.2	724.5	730.3	736.2	741.8	747.5	752.7	758.2
127.5°	668.5	668.3	668.2	667.8	672.3	676.3	680.6	684.5	688.5	692.1	695.8
130°	631.3	630.6	630.3	629.6	633.5	637.4	641.3	644.7	648.4	651.5	654.7
132.5°	607.7	606.8	606.2	605.3	608.3	611.2	614.0	616.3	618.8	620.8	622.9
135°	588.1	587.0	586.1	585.1	587.8	590.5	593.0	595.2	597.6	599.3	601.3
137.5°	571.8	570.7	569.7	568.7	571.2	573.5	575.8	577.8	579.7	581.6	583.1
140°	557.8	556.4	555.4	553.8	556.2	558.1	560.2	562.0	563.8	565.2	566.7
142.5°	544.4	542.3	540.9	538.8	540.5	541.9	543.4	544.7	546.1	547.2	548.0
145°	535.8	533.4	531.4	529.1	530.4	531.5	532.8	533.9	534.6	535.3	536.1
147.5°	528.0	525.5	523.3	521.2	522.3	523.0	523.8	524.4	525.2	525.6	526.1
150°	520.1	517.5	515.2	512.8	513.6	514.2	514.8	515.5	516.1	516.3	516.8
152.5°	511.1	508.9	506.5	504.1	504.8	505.2	505.7	505.9	506.3	506.6	506.9
155°	505.9	503.9	501.9	499.7	500.4	500.6	501.0	501.2	501.4	501.5	501.7
157.5°	504.8	502.9	501.7	499.8	499.9	499.9	500.1	499.7	499.7	499.5	499.4
160°	504.2	502.7	501.5	499.9	499.8	499.7	499.9	499.5	499.5	499.1	498.9
162.5°	504.7	503.1	501.4	499.7	499.6	499.7	499.6	499.3	499.3	498.9	498.6
165°	506.9	505.8	504.6	503.2	503.0	502.7	502.7	502.1	501.8	501.1	500.7
167.5°	509.7	508.7	507.4	506.0	506.0	506.2	506.1	505.9	505.9	505.5	505.4
170°	513.0	512.1	511.2	510.1	509.8	509.7	509.4	509.1	508.7	508.4	507.9
172.5°	515.7	514.9	513.8	512.6	512.6	512.4	512.2	512.1	511.6	511.3	511.2
175°	514.9	514.3	513.3	512.6	512.4	512.3	512.2	512.1	511.8	511.6	511.3
177.5°	517.2	516.7	516.0	515.5	515.5	515.5	515.3	515.2	515.2	515.0	514.9
180°	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6	517.6



TEST NUMBER: P1444551
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL36

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	39684.1	39684.1
2.5°	39837.8	39835.8
5°	39985.9	39983.6
7.5°	40098.5	40097.9
10°	40111.8	40118.7
12.5°	40031.8	40037.4
15°	39798.1	39809.0
17.5°	39351.3	39365.5
20°	38581.5	38596.4
22.5°	37334.9	37341.0
25°	35522.5	35496.7
27.5°	33051.6	33007.4
30°	29910.7	29867.8
32.5°	26165.7	26138.9
35°	21950.1	21933.2
37.5°	17511.8	17477.4
40°	13203.1	13102.9
42.5°	9424.0	9248.0
45°	6512.8	6304.2
47.5°	4546.6	4417.7
50°	3446.2	3404.6
52.5°	2808.1	2798.4
55°	2369.4	2365.1
57.5°	2039.6	2038.1
60°	1780.6	1780.2
62.5°	1587.6	1588.2
65°	1451.5	1451.8
67.5°	1331.8	1330.9
70°	1193.3	1192.3
72.5°	1098.1	1096.4
75°	1024.5	1023.5
77.5°	919.8	918.2
80°	793.1	790.9
82.5°	652.3	649.9
85°	486.6	486.7
87.5°	297.7	297.6
90°	139.0	135.9
92.5°	46.9	44.3
95°	53.7	50.4
97.5°	66.1	63.2
100°	84.5	82.0
102.5°	143.9	135.3
105°	251.7	228.3
107.5°	432.5	389.4
110°	752.7	717.9



TEST NUMBER: P1444551
CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL36

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	983.6	967.7
115°	1027.3	1021.6
117.5°	992.7	993.2
120°	923.4	927.7
122.5°	839.6	844.7
125°	763.2	768.3
127.5°	699.1	702.3
130°	657.1	660.1
132.5°	624.6	626.2
135°	602.6	604.1
137.5°	584.2	585.5
140°	567.5	568.6
142.5°	548.7	549.3
145°	536.7	537.1
147.5°	525.9	526.3
150°	516.8	517.0
152.5°	506.7	506.9
155°	501.5	501.5
157.5°	498.8	498.6
160°	498.4	498.1
162.5°	498.2	497.9
165°	499.9	499.4
167.5°	504.9	504.8
170°	507.5	507.2
172.5°	510.7	510.4
175°	511.2	511.0
177.5°	514.9	514.6
180°	517.6	517.6

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-3

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L835-N

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

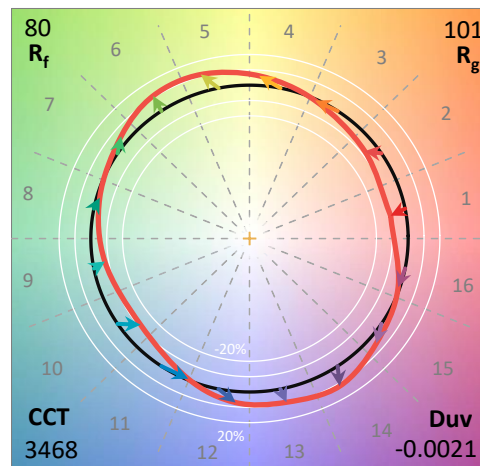
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-472-3
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 08/05/2025
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: Metalux
 Catalog Number: **EHBR-60-L835-N**
 Description: Elevate Round Highbay at, 60000 lumens, 3500K 80CRI LEDs with N lens

Spectral Parameters

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

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



Test Conditions

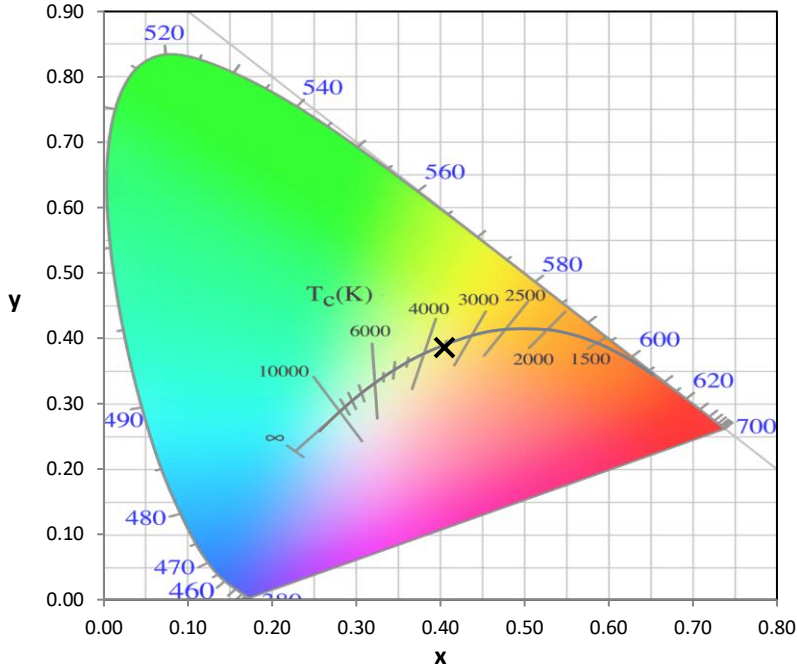
Stabilization Time: 39M
 Operation Time: 1H 39M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2506-472-3

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

REPORT NUMBER: SP1-2506-472-3

CIE 1931 Chromaticity Diagram



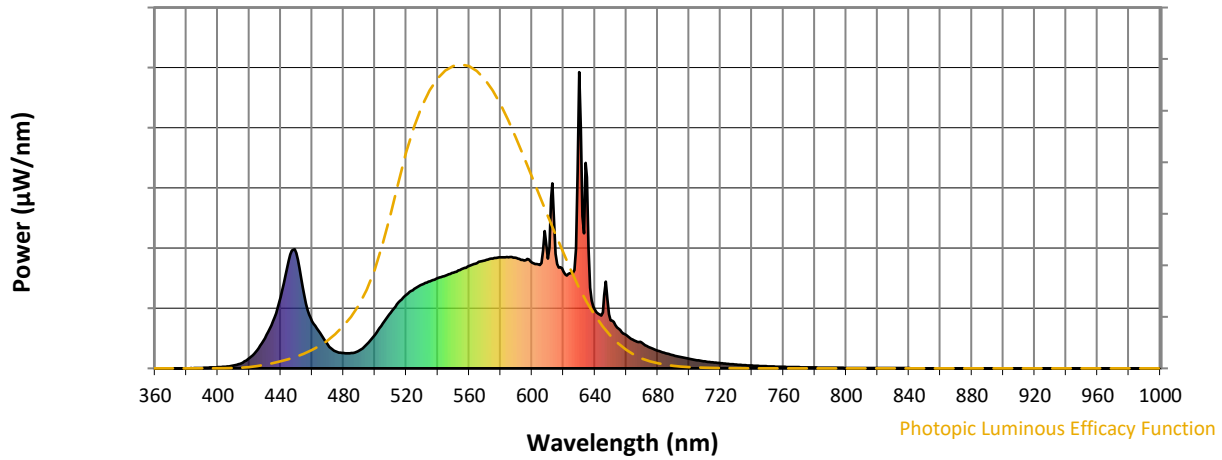
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-3

Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	60	NR	620	327	NR	750	7	NR	880	0	NR
365	0	NR	495	82	NR	625	322	NR	755	6	NR	885	0	NR
370	0	NR	500	114	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	152	NR	635	645	NR	765	4	NR	895	0	NR
380	0	NR	510	189	NR	640	197	NR	770	4	NR	900	0	NR
385	1	NR	515	222	NR	645	189	NR	775	3	NR	905	0	NR
390	2	NR	520	248	NR	650	163	NR	780	3	NR	910	0	NR
395	3	NR	525	268	NR	655	134	NR	785	2	NR	915	0	NR
400	4	NR	530	283	NR	660	113	NR	790	2	NR	920	0	NR
405	6	NR	535	294	NR	665	94	NR	795	2	NR	925	0	NR
410	9	NR	540	305	NR	670	87	NR	800	2	NR	930	0	NR
415	18	NR	545	314	NR	675	70	NR	805	1	NR	935	0	NR
420	34	NR	550	323	NR	680	60	NR	810	1	NR	940	0	NR
425	62	NR	555	335	NR	685	51	NR	815	1	NR	945	0	NR
430	102	NR	560	346	NR	690	44	NR	820	1	NR	950	0	NR
435	159	NR	565	356	NR	695	38	NR	825	1	NR	955	0	NR
440	241	NR	570	364	NR	700	32	NR	830	1	NR	960	0	NR
445	363	NR	575	371	NR	705	28	NR	835	1	NR	965	0	NR
450	389	NR	580	375	NR	710	24	NR	840	1	NR	970	0	NR
455	245	NR	585	375	NR	715	20	NR	845	0	NR	975	0	NR
460	158	NR	590	373	NR	720	17	NR	850	0	NR	980	0	NR
465	120	NR	595	364	NR	725	15	NR	855	0	NR	985	0	NR
470	79	NR	600	357	NR	730	13	NR	860	0	NR	990	0	NR
475	57	NR	605	349	NR	735	11	NR	865	0	NR	995	0	NR
480	51	NR	610	371	NR	740	9	NR	870	0	NR	1000	0	NR
485	51	NR	615	387	NR	745	8	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-3

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.43

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	60	NR	620	327	NR	750	7	NR	880	0	NR
365	0	NR	495	82	NR	625	322	NR	755	6	NR	885	0	NR
370	0	NR	500	114	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	152	NR	635	645	NR	765	4	NR	895	0	NR
380	0	NR	510	189	NR	640	197	NR	770	4	NR	900	0	NR
385	1	NR	515	222	NR	645	189	NR	775	3	NR	905	0	NR
390	2	NR	520	248	NR	650	163	NR	780	3	NR	910	0	NR
395	3	NR	525	268	NR	655	134	NR	785	2	NR	915	0	NR
400	4	NR	530	283	NR	660	113	NR	790	2	NR	920	0	NR
405	6	NR	535	294	NR	665	94	NR	795	2	NR	925	0	NR
410	9	NR	540	305	NR	670	87	NR	800	2	NR	930	0	NR
415	18	NR	545	314	NR	675	70	NR	805	1	NR	935	0	NR
420	34	NR	550	323	NR	680	60	NR	810	1	NR	940	0	NR
425	62	NR	555	335	NR	685	51	NR	815	1	NR	945	0	NR
430	102	NR	560	346	NR	690	44	NR	820	1	NR	950	0	NR
435	159	NR	565	356	NR	695	38	NR	825	1	NR	955	0	NR
440	241	NR	570	364	NR	700	32	NR	830	1	NR	960	0	NR
445	363	NR	575	371	NR	705	28	NR	835	1	NR	965	0	NR
450	389	NR	580	375	NR	710	24	NR	840	1	NR	970	0	NR
455	245	NR	585	375	NR	715	20	NR	845	0	NR	975	0	NR
460	158	NR	590	373	NR	720	17	NR	850	0	NR	980	0	NR
465	120	NR	595	364	NR	725	15	NR	855	0	NR	985	0	NR
470	79	NR	600	357	NR	730	13	NR	860	0	NR	990	0	NR
475	57	NR	605	349	NR	735	11	NR	865	0	NR	995	0	NR
480	51	NR	610	371	NR	740	9	NR	870	0	NR	1000	0	NR
485	51	NR	615	387	NR	745	8	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-3

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.75

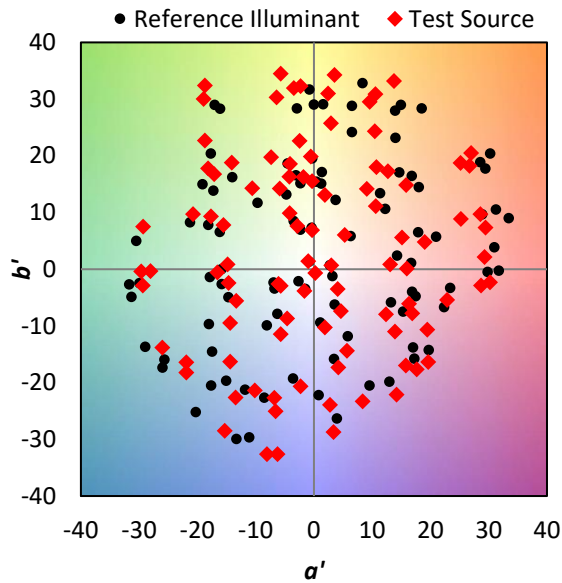
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	60	NR	620	327	NR	750	7	NR	880	0	NR
365	0	NR	495	82	NR	625	322	NR	755	6	NR	885	0	NR
370	0	NR	500	114	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	152	NR	635	645	NR	765	4	NR	895	0	NR
380	0	NR	510	189	NR	640	197	NR	770	4	NR	900	0	NR
385	1	NR	515	222	NR	645	189	NR	775	3	NR	905	0	NR
390	2	NR	520	248	NR	650	163	NR	780	3	NR	910	0	NR
395	3	NR	525	268	NR	655	134	NR	785	2	NR	915	0	NR
400	4	NR	530	283	NR	660	113	NR	790	2	NR	920	0	NR
405	6	NR	535	294	NR	665	94	NR	795	2	NR	925	0	NR
410	9	NR	540	305	NR	670	87	NR	800	2	NR	930	0	NR
415	18	NR	545	314	NR	675	70	NR	805	1	NR	935	0	NR
420	34	NR	550	323	NR	680	60	NR	810	1	NR	940	0	NR
425	62	NR	555	335	NR	685	51	NR	815	1	NR	945	0	NR
430	102	NR	560	346	NR	690	44	NR	820	1	NR	950	0	NR
435	159	NR	565	356	NR	695	38	NR	825	1	NR	955	0	NR
440	241	NR	570	364	NR	700	32	NR	830	1	NR	960	0	NR
445	363	NR	575	371	NR	705	28	NR	835	1	NR	965	0	NR
450	389	NR	580	375	NR	710	24	NR	840	1	NR	970	0	NR
455	245	NR	585	375	NR	715	20	NR	845	0	NR	975	0	NR
460	158	NR	590	373	NR	720	17	NR	850	0	NR	980	0	NR
465	120	NR	595	364	NR	725	15	NR	855	0	NR	985	0	NR
470	79	NR	600	357	NR	730	13	NR	860	0	NR	990	0	NR
475	57	NR	605	349	NR	735	11	NR	865	0	NR	995	0	NR
480	51	NR	610	371	NR	740	9	NR	870	0	NR	1000	0	NR
485	51	NR	615	387	NR	745	8	NR	875	0	NR			

Summary

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

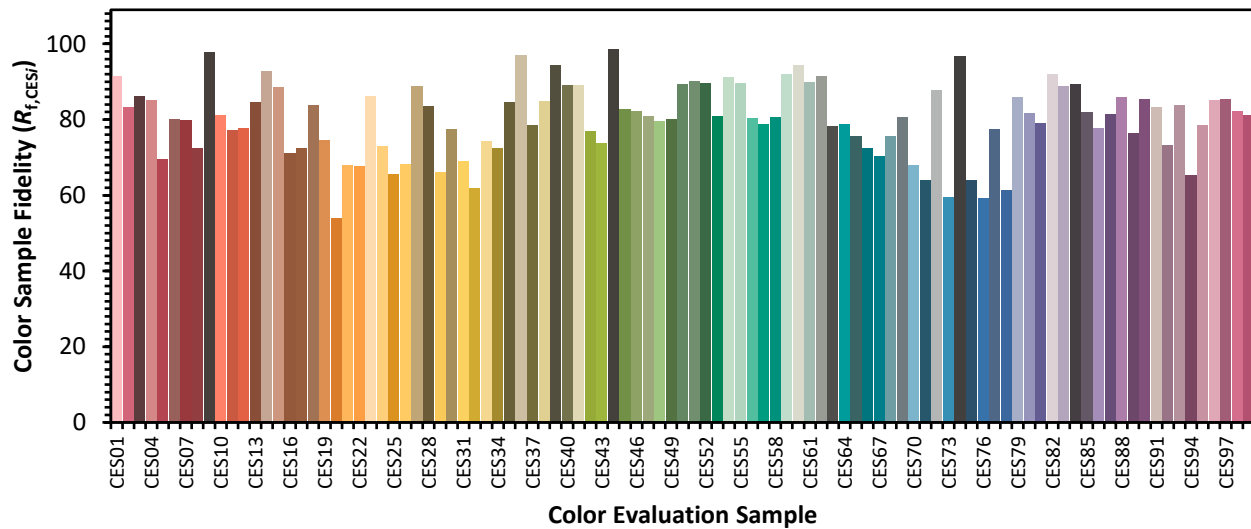


Color Vector Graphics

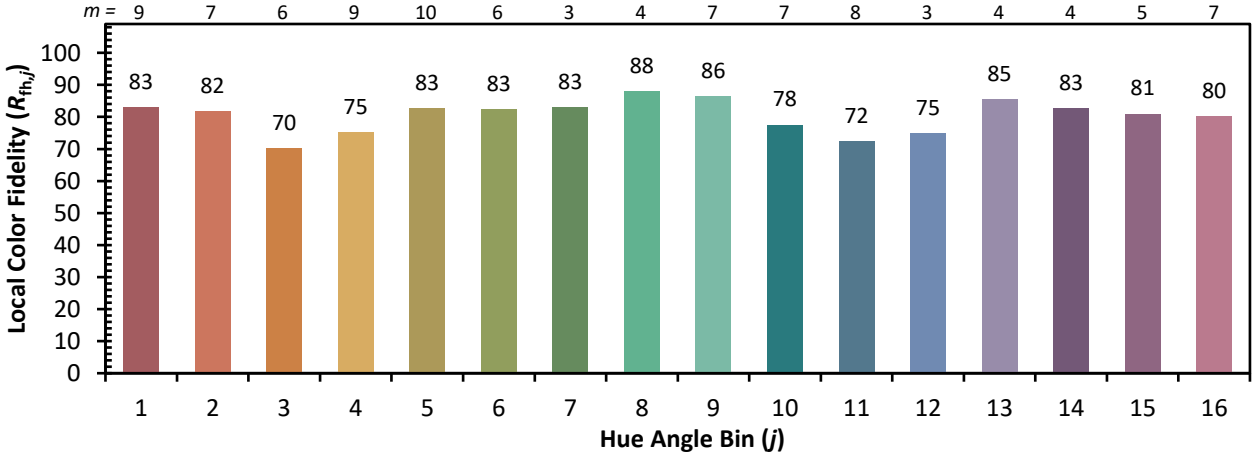


Individual Sample Fidelity Index ($R_{f,i}$)

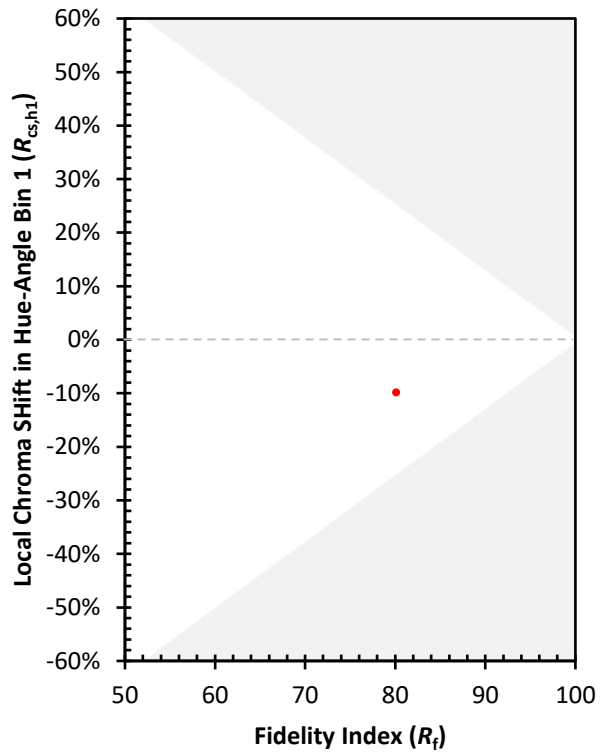
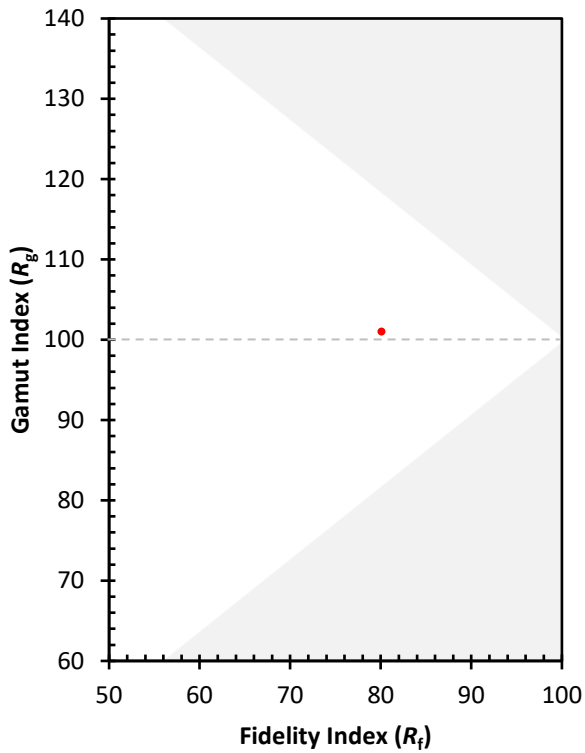
CES01 = 86	CES26 = 68	CES51 = 90	CES76 = 59
CES02 = 62	CES27 = 89	CES52 = 90	CES77 = 78
CES03 = 31	CES28 = 84	CES53 = 81	CES78 = 61
CES04 = 70	CES29 = 66	CES54 = 91	CES79 = 86
CES05 = 49	CES30 = 77	CES55 = 90	CES80 = 82
CES06 = 51	CES31 = 69	CES56 = 80	CES81 = 79
CES07 = 42	CES32 = 62	CES57 = 79	CES82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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)