

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: P1444848

Luminaire Tested: EHBR1-54-UNV-TA-L940-UPL40

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444848
REPORT IS A COMBINATION OF REPORTS P1444361 AND P1431635
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-54-UNV-TA-L940-UPL40
Description: Elevate Round Highbay at, 54000 lumens, 4000K 90CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

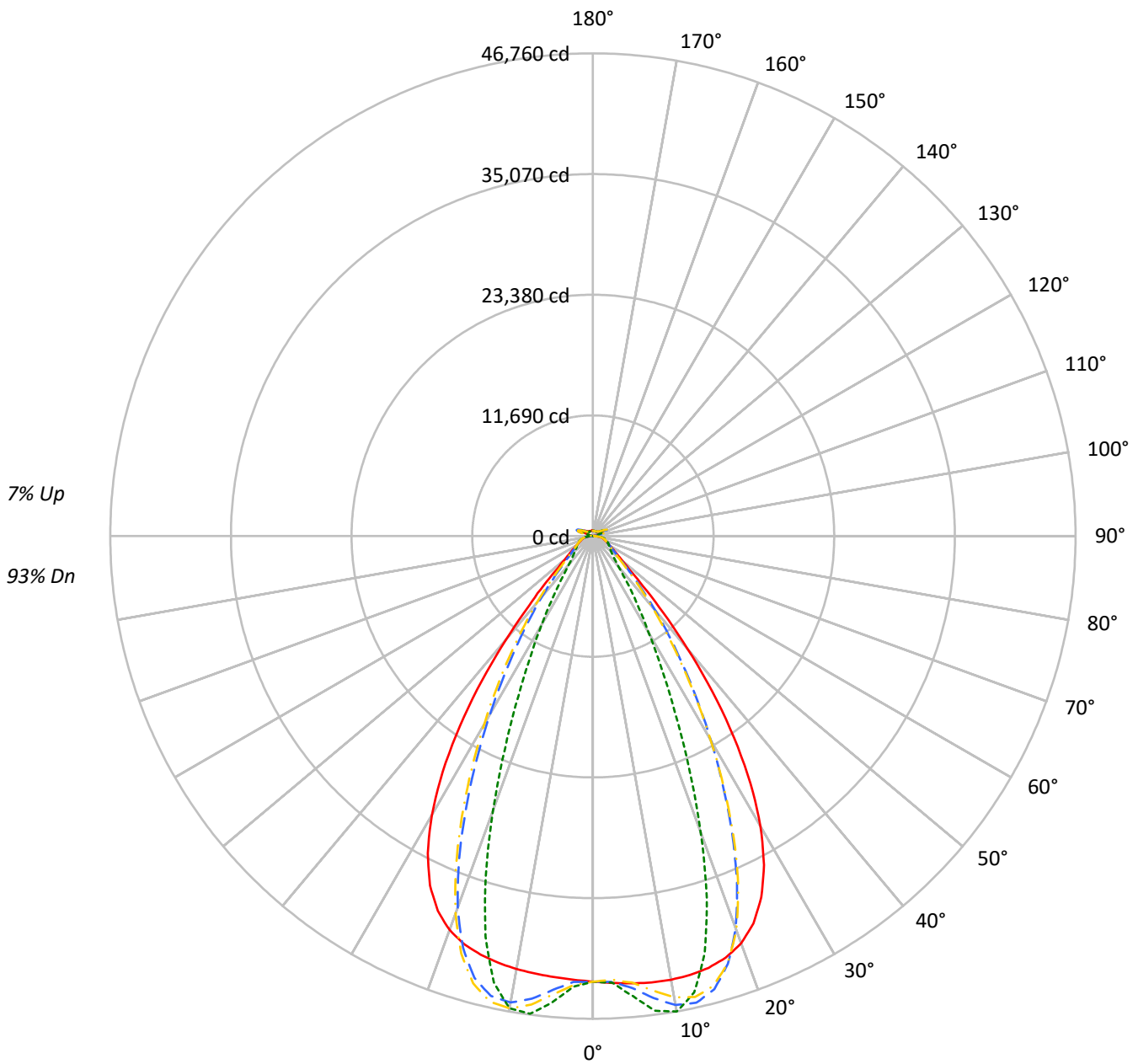
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 53586.4 lumens
Efficiency: N/A
Efficacy: 164.1 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): 326.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1444848
CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL40

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	93
1	110	107	104	101	107	104	101	99	98	96	94	93	92	90	89	87	86	86	86	86	84
2	103	97	93	88	100	95	91	87	91	87	84	86	83	81	83	80	78	78	78	78	76
3	97	89	83	79	94	87	82	78	84	79	75	80	76	73	77	74	71	71	71	71	69
4	91	82	76	71	89	81	75	70	78	72	69	75	70	67	72	68	65	65	65	65	63
5	86	76	70	65	84	75	69	64	72	67	63	70	65	61	67	63	60	60	60	60	58
6	81	71	64	59	79	70	63	59	67	62	58	65	60	57	63	59	56	56	56	56	54
7	77	66	59	55	75	65	59	54	63	57	53	61	56	53	59	55	52	52	52	52	50
8	72	62	55	51	71	61	55	50	59	54	50	57	53	49	56	52	48	48	48	48	47
9	69	58	51	47	67	57	51	47	56	50	46	54	49	46	53	48	45	45	45	45	44
10	65	55	48	44	64	54	48	44	52	47	43	51	46	43	50	46	42	42	42	42	41

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	202699	202699	202699	202699
5°	203680	209620	200830	212366
10°	205381	220085	200455	218628
15°	206388	199505	200105	191472
20°	204254	148624	197569	137513
25°	193335	93996	186945	85285
30°	168893	56485	162351	51622
35°	129981	35444	122504	31397
40°	82225	22234	75228	20893
45°	42380	17321	41678	17037
50°	24847	15407	24085	15167
55°	19036	14577	18331	14445
60°	16106	14891	15421	14698
65°	15128	15549	14549	15020
70°	14780	16282	14043	15669
75°	15803	17268	14948	16505
80°	16353	19121	14827	17454
85°	15403	18449	12444	15799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 64857 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4253.8	7.9
10°-20°	11966.5	22.3
20°-30°	13628.9	25.4
30°-40°	9795.8	18.3
40°-50°	4517.8	8.4
50°-60°	2162.0	4.0
60°-70°	1577.5	2.9
70°-80°	1198.4	2.2
80°-90°	551.5	1.0
90°-100°	112.8	0.2
100°-110°	642.7	1.2
110°-120°	1187.2	2.2
120°-130°	727.8	1.4
130°-140°	469.8	0.9
140°-150°	350.0	0.7
150°-160°	244.9	0.5
160°-170°	148.2	0.3
170°-180°	50.8	0.1
0°-30°	29849.2	55.7
0°-40°	39645.1	74.0
0°-60°	46324.9	86.4
0°-90°	49652.3	92.7
90°-120°	1942.7	3.6
90°-150°	3490.3	6.5
90°-180°	3934.0	7.3
0°-180°	53586.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	43163	43163	43163	43163	43163	
5°	43489	44757	42880	45343	43489	4156
15°	43299	41855	41981	40170	43299	12200
25°	38609	18771	37333	17031	38609	17502
35°	23856	6505	22484	5762	23856	14641
45°	6857	2802	6743	2756	6857	5832
55°	2572	1970	2477	1952	2572	2375
65°	1579	1623	1519	1568	1579	1577
75°	1113	1216	1053	1163	1113	1158
85°	529	634	428	543	529	497
90°	146	184	44	53	146	91
95°	52	57	52	58	52	49
105°	232	299	156	299	232	307
115°	1036	1255	1085	1255	1036	957
125°	782	817	884	819	782	712
135°	618	546	665	550	618	482
145°	552	533	586	540	552	348
155°	517	518	550	523	517	241
165°	516	515	535	519	516	147
175°	530	534	539	536	530	50
180°	536	536	536	536	536	



TEST NUMBER: P1444848
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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3
2.5°	43328.2	43324.7	43324.1	43321.1	43320.2	43320.2	43318.8	43315.3	43313.0	43308.1	43302.5
5°	43489.0	43487.1	43488.2	43488.6	43485.5	43478.8	43468.3	43455.3	43438.9	43423.6	43409.8
7.5°	43613.3	43616.4	43620.2	43619.4	43610.0	43594.1	43572.5	43560.4	43567.6	43591.0	43644.8
10°	43636.0	43654.6	43661.8	43659.5	43640.7	43627.1	43632.3	43678.1	43769.1	43890.6	44056.6
12.5°	43547.5	43570.3	43569.4	43562.0	43543.7	43562.3	43628.5	43764.6	43959.8	44199.3	44480.2
15°	43299.2	43328.6	43320.2	43310.5	43298.3	43359.3	43491.5	43728.0	44029.4	44367.1	44712.7
17.5°	42816.8	42852.3	42835.1	42824.0	42813.8	42928.0	43155.3	43501.5	43881.1	44263.1	44590.7
20°	41980.2	42004.0	41962.9	41943.5	41959.9	42183.7	42518.4	42960.6	43360.7	43721.9	43945.9
22.5°	40614.9	40644.4	40567.2	40558.3	40653.6	40997.3	41421.0	41915.2	42291.2	42577.5	42663.8
25°	38608.9	38638.0	38546.2	38601.1	38763.3	39231.4	39736.0	40264.7	40585.5	40797.5	40739.0
27.5°	35901.2	35927.8	35840.8	35952.8	36209.2	36824.4	37418.2	37991.7	38277.6	38426.2	38237.9
30°	32486.4	32541.5	32438.7	32595.0	32986.4	33785.2	34465.5	35108.6	35393.7	35506.8	35213.7
32.5°	28430.6	28509.1	28395.7	28628.3	29174.4	30133.9	30906.7	31625.3	31940.5	32069.7	31738.6
35°	23856.1	23968.7	23838.7	24187.7	24861.3	25929.7	26785.6	27587.8	27961.2	28144.2	27810.6
37.5°	19009.7	19117.0	19046.7	19512.3	20252.0	21359.5	22233.1	23098.5	23520.1	23794.8	23531.9
40°	14251.6	14349.8	14403.1	14935.6	15631.3	16675.2	17514.1	18370.5	18842.2	19187.0	19024.8
42.5°	10058.8	10157.8	10338.9	10852.7	11433.0	12297.0	13015.6	13784.4	14235.1	14602.9	14540.3
45°	6856.9	6971.9	7198.7	7619.5	8039.1	8658.9	9186.7	9784.6	10152.7	10489.6	10493.6
47.5°	4805.0	4885.7	5088.5	5375.8	5649.3	6425.3	6457.1	6751.0	6998.4	7250.3	7282.9
50°	3703.1	3751.7	3859.2	4019.4	4174.3	4375.8	4560.2	4773.1	4925.4	5063.5	5096.5
52.5°	3043.7	3074.6	3129.3	3216.0	3305.9	3415.5	3514.2	3631.1	3714.0	3787.9	3803.4
55°	2572.5	2598.1	2679.5	2695.9	2798.8	2818.6	2862.5	2933.7	2981.8	3026.1	3037.2
57.5°	2216.9	2235.4	2252.7	2289.6	2321.3	2367.4	2404.5	2455.5	2485.9	2517.9	2520.7
60°	1936.2	1949.7	1962.0	1987.6	2009.2	2041.2	2066.8	2101.5	2123.2	2147.3	2150.0
62.5°	1727.5	1737.1	1745.3	1762.2	1777.6	1802.2	1822.5	1851.5	1871.8	1890.3	1894.5
65°	1579.0	1586.1	1591.3	1604.2	1617.6	1638.6	1656.9	1680.6	1695.5	1709.8	1712.7
67.5°	1447.6	1454.3	1459.7	1471.3	1480.7	1496.3	1508.7	1526.4	1537.6	1549.0	1549.3
70°	1296.9	1303.1	1307.3	1318.2	1325.6	1339.1	1349.0	1365.0	1376.5	1389.2	1392.3
72.5°	1192.6	1196.2	1201.8	1211.8	1222.1	1236.6	1249.8	1266.5	1280.4	1293.5	1299.1
75°	1113.2	1117.5	1121.2	1129.7	1136.9	1149.1	1159.0	1174.2	1186.4	1200.4	1207.3
77.5°	998.7	1003.7	1006.8	1015.3	1021.5	1033.2	1040.6	1054.2	1064.1	1076.9	1083.1
80°	860.3	864.9	867.2	875.2	880.1	890.8	898.1	911.1	919.5	932.3	939.8
82.5°	706.9	711.4	712.6	720.2	722.9	731.7	736.9	750.4	760.7	777.3	788.8
85°	529.4	530.9	533.5	531.6	542.3	543.0	555.1	557.3	573.3	577.5	595.7
87.5°	323.7	328.4	330.8	338.2	341.4	348.7	351.0	358.8	363.2	372.1	376.3
90°	145.9	153.9	157.0	166.3	169.2	177.6	180.0	189.3	192.4	202.0	206.6
92.5°	45.3	48.2	51.0	54.4	57.3	61.1	64.5	67.8	70.8	74.5	80.5
95°	51.5	54.9	58.2	61.6	64.9	68.2	71.6	74.9	78.3	81.6	91.2
97.5°	64.5	67.4	70.2	73.1	76.0	79.0	81.9	84.8	87.7	90.5	102.1
100°	83.7	86.1	88.6	91.0	93.4	96.0	98.4	100.8	103.3	105.7	127.3
102.5°	137.7	146.4	155.1	163.8	172.4	181.0	189.9	198.3	207.1	215.8	261.4
105°	232.2	255.6	279.5	302.9	326.5	350.2	373.9	397.1	420.7	444.3	518.8
107.5°	395.3	438.8	482.5	526.3	570.0	613.6	657.3	700.9	744.4	787.8	863.4
110°	728.1	762.9	798.1	833.4	868.4	903.6	938.6	973.5	1008.7	1043.6	1098.8



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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°	981.1	996.9	1012.8	1028.7	1044.6	1060.2	1076.1	1091.8	1107.7	1123.3	1162.6
115°	1036.1	1041.5	1047.3	1052.6	1058.2	1063.6	1069.0	1074.3	1079.9	1085.0	1111.6
117.5°	1007.8	1006.6	1005.6	1004.6	1003.3	1002.2	1001.1	999.7	998.4	997.0	1012.0
120°	941.8	936.8	931.9	926.7	921.7	916.6	911.6	906.3	901.0	895.6	902.0
122.5°	858.4	852.4	846.8	840.4	834.5	828.0	822.2	815.5	809.5	803.2	805.3
125°	781.6	775.4	769.7	763.5	757.1	750.8	744.5	738.0	731.6	725.1	726.1
127.5°	715.1	710.9	706.7	702.0	697.5	692.8	688.1	683.3	678.7	673.6	673.7
130°	673.2	669.4	665.5	661.2	657.2	652.7	648.3	643.8	639.6	634.8	635.1
132.5°	639.3	636.6	633.8	630.6	627.6	623.9	620.8	617.0	613.9	610.3	610.7
135°	617.5	614.8	612.4	609.4	606.5	603.1	599.9	596.4	593.3	589.7	590.5
137.5°	599.2	596.9	594.5	591.7	589.0	585.7	582.8	579.6	576.5	573.2	573.8
140°	582.7	580.5	578.2	575.6	573.1	570.4	567.5	564.6	561.5	558.5	559.5
142.5°	563.6	561.7	560.1	557.9	555.9	553.4	551.1	548.4	546.1	543.4	544.8
145°	551.6	550.1	548.7	546.9	544.9	542.7	540.7	538.2	536.3	534.0	535.5
147.5°	541.2	539.9	538.9	537.3	535.9	533.8	532.1	530.1	528.3	526.5	528.1
150°	532.1	530.9	529.8	528.5	526.9	525.2	523.5	521.8	520.0	518.2	519.8
152.5°	522.2	520.9	520.0	518.6	517.2	515.3	514.0	512.2	510.6	508.9	510.2
155°	517.1	515.8	514.5	513.3	511.9	510.4	508.8	507.3	505.9	504.1	505.2
157.5°	514.5	513.3	512.4	511.1	510.2	508.9	507.7	506.3	505.1	503.9	504.6
160°	514.4	513.3	512.3	511.1	510.0	508.6	507.7	506.3	505.4	504.1	504.6
162.5°	514.6	513.5	512.4	511.3	510.2	508.9	507.8	506.8	505.7	504.4	505.2
165°	516.5	515.9	515.1	514.3	513.5	512.7	511.9	510.9	510.2	509.1	509.7
167.5°	522.5	521.4	520.7	519.8	518.6	517.8	516.8	515.8	515.0	513.9	514.4
170°	525.3	524.4	524.0	523.5	522.8	522.2	521.7	521.1	520.4	519.8	520.2
172.5°	528.7	528.1	527.8	527.5	526.8	526.5	526.0	525.5	525.3	524.6	525.4
175°	529.5	529.0	528.9	528.5	528.2	527.9	527.8	527.4	527.4	526.9	527.3
177.5°	533.2	533.1	533.1	532.9	532.9	532.7	532.5	532.2	532.1	532.1	532.4
180°	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3



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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°	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3
2.5°	43298.3	43293.0	43285.8	43276.7	43268.9	43259.8	43238.1	43231.8	43239.0	43243.8	43253.7
5°	43401.2	43404.2	43405.4	43425.0	43442.0	43484.4	43816.5	43948.4	44050.5	44115.3	44213.7
7.5°	43711.4	43811.2	43909.9	44042.7	44157.2	44311.9	44892.9	45140.2	45316.0	45442.4	45597.9
10°	44237.0	44454.9	44659.2	44898.5	45104.2	45339.8	45880.7	46121.6	46273.7	46384.4	46487.8
12.5°	44766.5	45068.7	45341.8	45608.1	45830.8	46035.0	46225.3	46309.6	46316.8	46320.3	46265.4
15°	45042.3	45331.2	45571.8	45747.9	45878.8	45936.6	45609.3	45437.5	45220.3	45041.5	44747.3
17.5°	44868.2	45041.5	45145.5	45135.2	45081.2	44900.1	43972.6	43462.5	42956.0	42499.6	41901.1
20°	44094.5	44081.2	43990.8	43734.7	43426.1	42946.3	41356.1	40438.7	39551.7	38772.7	37827.6
22.5°	42654.9	42428.4	42112.6	41560.4	40946.9	40108.6	37829.8	36480.4	35245.5	34154.7	32932.7
25°	40569.1	40103.1	39520.7	38644.0	37690.7	36467.9	33659.2	31980.7	30498.2	29212.3	27802.4
27.5°	37899.7	37197.8	36344.1	35130.9	33839.2	32272.7	29158.9	27306.4	25714.9	24336.4	22835.7
30°	34739.4	33826.5	32724.2	31218.3	29660.4	27883.6	24725.5	22849.3	21238.4	19820.1	18318.3
32.5°	31167.9	30098.7	28807.1	27116.8	25432.1	23605.3	20555.3	18739.2	17200.3	15835.9	14476.7
35°	27228.8	26082.2	24715.7	22991.8	21317.1	19541.0	16742.4	15104.9	13746.0	12539.9	11442.4
37.5°	23003.4	21877.6	20578.8	18954.0	17401.1	15791.6	13376.8	12004.6	10864.3	9863.3	9015.8
40°	18610.3	17625.0	16501.2	15096.6	13771.2	12430.9	10448.7	9359.4	8459.4	7696.0	7061.0
42.5°	14270.8	13507.3	12645.5	11535.4	10521.3	9500.6	7975.1	7168.0	6501.4	5951.9	5503.0
45°	10353.9	9843.2	9265.2	8493.5	7791.7	7079.9	5994.0	5426.9	4992.8	4638.5	4338.9
47.5°	7238.0	6941.7	6923.6	6210.4	5695.8	5260.5	4561.1	4202.8	3936.9	3722.1	3532.4
50°	5083.0	4939.7	4761.6	4507.1	4268.2	4022.3	3596.1	3379.5	3223.7	3093.6	2973.6
52.5°	3799.9	3725.5	3630.6	3495.6	3366.2	3227.9	2958.2	2820.3	2771.3	2650.2	2555.1
55°	3035.1	2992.4	2938.5	2859.1	2780.4	2748.9	2517.8	2415.4	2350.5	2302.7	2251.7
57.5°	2521.1	2489.3	2457.3	2403.6	2357.9	2302.7	2180.1	2127.6	2089.0	2060.9	2025.5
60°	2150.4	2131.4	2113.5	2081.9	2057.4	2027.6	1949.7	1920.1	1899.9	1882.9	1860.4
62.5°	1898.0	1888.3	1878.9	1862.2	1849.7	1833.6	1780.3	1766.0	1756.0	1747.5	1733.7
65°	1715.8	1708.8	1703.7	1692.4	1686.2	1676.8	1631.0	1621.4	1615.2	1612.1	1604.2
67.5°	1550.3	1542.9	1539.5	1531.5	1529.0	1523.1	1485.6	1480.4	1478.2	1479.3	1476.4
70°	1395.4	1392.3	1393.9	1392.7	1396.2	1397.3	1374.6	1374.5	1376.9	1381.6	1382.1
72.5°	1302.6	1302.6	1304.4	1305.1	1308.5	1310.2	1291.3	1290.3	1291.4	1295.0	1295.1
75°	1214.3	1215.8	1220.5	1222.1	1226.1	1227.0	1202.0	1199.1	1199.3	1202.7	1201.5
77.5°	1092.1	1097.4	1106.5	1111.3	1119.0	1120.4	1092.4	1089.1	1089.2	1092.5	1089.7
80°	953.4	963.5	978.0	988.1	999.9	1004.8	976.0	969.1	962.7	961.7	956.0
82.5°	806.1	818.4	835.9	844.9	857.6	860.5	812.3	803.2	797.8	798.2	792.9
85°	615.4	624.7	640.5	645.6	653.5	652.8	597.8	574.3	580.5	570.7	578.5
87.5°	386.0	391.5	401.4	402.7	406.3	405.5	350.2	339.3	336.1	336.2	332.2
90°	217.4	222.8	233.2	235.0	242.5	243.4	200.4	197.0	191.6	192.3	185.2
92.5°	86.8	92.7	99.0	104.9	111.1	117.4	118.3	122.9	117.1	110.5	104.9
95°	101.1	110.9	120.6	130.5	140.3	150.1	160.0	169.7	160.6	151.4	142.3
97.5°	113.7	125.3	136.7	148.3	159.9	171.5	183.1	194.7	184.9	174.7	164.9
100°	149.0	170.6	192.0	213.7	235.1	256.8	278.5	300.1	281.1	261.9	242.9
102.5°	307.2	353.2	399.0	444.8	490.5	536.5	582.7	628.6	584.9	541.1	497.4
105°	593.1	667.4	741.8	815.7	890.2	964.5	1039.3	1113.7	1043.9	974.1	904.3
107.5°	938.6	1014.2	1089.3	1164.6	1240.0	1315.4	1391.4	1466.9	1398.8	1330.5	1262.5
110°	1153.7	1208.5	1263.6	1318.5	1373.3	1428.2	1484.2	1539.3	1498.3	1457.2	1416.4



TEST NUMBER: P1444848
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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°	1201.6	1241.1	1280.4	1319.4	1358.4	1397.7	1438.4	1477.9	1457.2	1436.3	1415.9
115°	1137.8	1164.5	1190.7	1217.0	1243.4	1269.6	1297.7	1324.5	1317.6	1310.9	1304.2
117.5°	1026.5	1041.2	1055.9	1070.5	1084.9	1099.5	1116.5	1131.4	1132.2	1133.2	1134.3
120°	908.0	914.1	920.1	926.1	931.9	938.0	946.6	953.2	958.5	963.6	968.9
122.5°	807.5	809.7	811.6	813.8	815.7	817.8	823.0	825.8	829.3	832.9	836.4
125°	727.0	727.9	728.7	729.7	730.2	731.2	735.6	737.0	737.0	736.9	736.9
127.5°	673.6	673.6	673.4	673.4	672.9	672.9	676.6	677.2	674.6	672.0	669.2
130°	635.4	635.7	635.8	636.0	636.4	636.6	640.9	642.2	637.7	633.1	628.6
132.5°	611.0	611.5	611.6	612.4	612.7	613.0	617.9	619.4	614.4	609.0	604.0
135°	590.8	591.6	592.2	592.7	593.3	594.2	599.5	601.2	596.5	591.4	586.6
137.5°	574.2	574.9	575.5	576.4	576.9	577.7	583.6	585.5	581.7	577.4	573.7
140°	560.2	561.0	562.0	563.0	563.8	565.0	571.5	573.7	570.7	567.5	564.1
142.5°	545.9	547.4	548.8	550.5	551.9	553.7	561.1	563.9	561.7	559.0	556.8
145°	536.9	538.9	540.4	542.5	544.3	546.3	554.7	558.1	556.6	554.8	553.2
147.5°	529.1	530.8	532.3	534.0	535.8	538.0	546.7	550.0	549.2	548.0	547.0
150°	521.1	522.8	524.4	526.2	528.2	530.3	540.2	544.0	543.1	542.2	541.2
152.5°	511.6	513.1	514.5	516.2	517.8	519.8	531.6	535.6	535.0	533.8	533.2
155°	506.2	507.3	508.3	509.7	510.8	512.6	525.1	529.1	528.6	528.1	527.5
157.5°	505.2	505.8	506.3	507.3	508.2	509.1	522.2	526.4	525.7	525.3	524.8
160°	505.0	505.5	505.9	506.6	507.1	507.8	521.3	525.1	524.7	524.1	523.6
162.5°	505.8	506.8	507.5	508.2	509.1	510.1	523.6	528.0	527.1	526.4	525.7
165°	510.0	510.3	510.6	511.2	511.5	512.1	524.8	528.2	528.0	527.3	526.8
167.5°	514.6	515.3	515.6	516.2	516.7	517.5	529.4	532.7	532.4	531.8	531.4
170°	520.4	521.1	521.3	521.8	522.4	523.1	532.9	535.8	535.4	534.5	534.0
172.5°	525.7	526.5	527.0	527.6	528.1	528.9	537.3	540.0	539.6	539.0	538.3
175°	527.8	528.1	528.6	529.4	529.8	530.3	536.9	538.9	538.7	538.3	538.0
177.5°	532.9	533.1	533.6	534.0	534.5	534.9	538.9	540.1	540.0	540.0	539.8
180°	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3



TEST NUMBER: P1444848
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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3
2.5°	43255.9	43271.1	43273.4	43291.1	43289.7	43310.8	43307.5	43324.7	43314.6	43328.9	43316.9
5°	44271.9	44364.0	44412.2	44502.1	44530.6	44611.0	44633.7	44707.2	44710.2	44768.5	44755.1
7.5°	45708.2	45844.0	45924.7	46035.9	46092.1	46184.8	46225.6	46294.0	46316.1	46370.5	46374.7
10°	46566.0	46631.9	46678.0	46709.0	46737.3	46750.6	46766.1	46762.0	46766.1	46760.0	46773.4
12.5°	46228.6	46132.3	46068.7	45948.0	45878.1	45744.9	45679.4	45551.3	45504.7	45394.7	45378.9
15°	44520.0	44184.4	43947.3	43602.4	43385.7	43046.4	42847.9	42541.8	42402.0	42158.7	42094.9
17.5°	41405.8	40782.8	40300.7	39682.2	39253.0	38675.1	38311.6	37833.2	37571.1	37185.3	37051.7
20°	37039.7	36117.9	35394.8	34533.3	33916.8	33148.7	32656.9	32036.7	31676.6	31202.8	31010.7
22.5°	31913.9	30766.3	29863.1	28845.3	28101.5	27245.5	26656.3	25985.3	25593.5	25078.7	24850.8
25°	26630.6	25365.1	24360.9	23288.7	22502.8	21644.6	21055.4	20396.1	19990.8	19502.0	19275.6
27.5°	21577.7	20296.6	19326.2	18329.4	17608.4	16834.1	16302.4	15726.8	15367.0	14949.8	14736.8
30°	17118.5	15988.7	15162.9	14335.6	13735.8	13107.0	12665.2	12188.2	11872.5	11515.3	11312.3
32.5°	13485.7	12613.4	11966.8	11310.3	10819.5	10293.9	9912.1	9491.2	9206.3	8887.3	8703.5
35°	10680.5	10002.7	9486.9	8946.6	8524.8	8077.3	7740.9	7377.6	7122.0	6847.3	6688.6
37.5°	8438.7	7899.7	7475.3	7026.5	6680.1	6309.3	6184.4	5767.5	5502.6	5283.5	5131.6
40°	6622.7	6194.1	5843.0	5499.7	5217.2	4936.0	4710.3	4487.6	4316.6	4159.8	4051.4
42.5°	5171.8	4861.3	4604.8	4353.4	4147.3	3942.4	3778.9	3625.5	3510.3	3407.8	3337.9
45°	4111.4	3897.8	3719.6	3542.5	3397.1	3260.3	3150.3	3052.4	2978.0	2916.4	2872.7
47.5°	3377.6	3231.3	3105.6	2986.1	2887.4	2797.8	2724.1	2700.1	2620.2	2566.2	2545.7
50°	2870.5	2782.2	2686.7	2598.5	2532.6	2467.0	2419.2	2372.3	2342.4	2317.7	2310.1
52.5°	2492.0	2424.5	2371.4	2315.5	2272.0	2225.3	2192.3	2161.1	2144.7	2131.7	2130.1
55°	2210.6	2163.4	2128.3	2090.8	2064.7	2037.3	2020.3	2003.8	1996.6	1990.0	1990.5
57.5°	1997.7	1966.1	1943.3	1919.0	1904.9	1891.8	1887.4	1883.3	1885.6	1886.5	1890.2
60°	1842.5	1822.0	1807.7	1793.7	1787.8	1783.6	1786.8	1790.5	1798.1	1804.1	1809.5
62.5°	1723.6	1712.0	1704.9	1697.5	1696.8	1697.1	1703.5	1709.8	1719.2	1726.2	1731.5
65°	1601.3	1594.6	1592.4	1587.5	1589.9	1591.3	1599.1	1603.8	1613.2	1618.9	1625.6
67.5°	1477.6	1476.0	1477.5	1477.5	1481.8	1485.5	1492.9	1498.3	1506.3	1511.4	1516.8
70°	1386.3	1386.9	1390.3	1390.9	1395.6	1398.1	1404.5	1408.0	1415.3	1419.5	1426.2
72.5°	1297.5	1296.1	1296.9	1294.8	1296.4	1295.7	1299.3	1301.0	1307.1	1310.5	1318.5
75°	1202.9	1198.9	1198.0	1193.7	1193.8	1190.8	1192.2	1192.0	1196.0	1197.7	1203.4
77.5°	1088.7	1082.0	1078.8	1071.7	1071.5	1068.8	1071.7	1073.3	1080.4	1083.8	1090.3
80°	952.1	941.6	936.8	928.5	929.9	929.4	936.5	941.7	950.4	952.0	960.2
82.5°	791.3	780.6	775.5	767.4	769.3	769.4	775.9	777.0	784.4	787.7	797.3
85°	566.6	570.7	559.5	560.2	557.8	562.2	566.6	572.0	578.3	588.7	596.7
87.5°	333.7	332.2	336.2	336.7	342.5	345.5	354.8	360.1	370.5	378.6	393.3
90°	183.9	176.9	178.5	175.1	179.2	176.0	179.8	176.0	180.9	180.3	187.0
92.5°	98.0	92.2	85.4	79.6	72.9	67.4	63.8	61.5	58.0	55.8	52.2
95°	133.1	123.9	114.8	105.6	96.5	87.4	84.0	80.7	77.3	74.0	70.7
97.5°	155.1	145.2	135.5	125.6	115.7	105.9	103.7	101.5	99.2	97.0	94.7
100°	223.8	204.8	185.9	166.7	147.8	128.8	127.0	125.2	123.4	121.7	119.8
102.5°	453.9	410.3	366.8	323.2	279.7	236.0	228.4	220.8	213.3	205.6	198.1
105°	834.5	764.7	695.0	625.2	555.6	485.9	465.1	444.1	423.3	402.6	381.9
107.5°	1194.3	1126.3	1058.3	990.3	922.3	854.3	821.3	788.5	755.5	722.7	690.0
110°	1375.1	1334.1	1293.4	1252.3	1211.6	1170.8	1139.2	1108.0	1076.5	1045.1	1013.8



TEST NUMBER: P1444848
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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°	1395.2	1374.6	1354.0	1333.5	1313.2	1292.6	1277.2	1261.8	1246.6	1231.3	1215.7
115°	1297.3	1290.7	1284.0	1277.5	1271.0	1264.3	1263.1	1262.1	1260.7	1259.7	1258.7
117.5°	1135.1	1136.0	1136.9	1138.1	1139.2	1140.3	1148.3	1156.2	1164.4	1172.7	1180.9
120°	974.0	979.3	984.5	990.0	995.3	1000.7	1011.2	1022.1	1032.8	1044.1	1055.2
122.5°	839.8	843.4	846.8	850.5	854.1	857.8	868.2	878.9	889.5	900.4	911.5
125°	736.4	736.3	736.1	735.8	735.6	735.8	744.2	752.9	761.7	770.8	779.6
127.5°	666.5	663.5	660.7	658.1	655.1	652.7	657.5	662.5	667.4	672.7	677.9
130°	623.9	619.3	614.4	610.0	605.2	600.7	602.3	604.1	605.8	607.8	609.9
132.5°	598.6	593.4	588.0	582.6	577.2	571.9	571.5	571.0	570.4	570.4	570.4
135°	581.3	576.6	571.3	566.2	560.9	556.1	554.4	552.7	551.3	549.9	548.6
137.5°	569.5	565.4	561.2	557.3	552.9	548.9	546.5	544.7	542.5	541.0	539.0
140°	560.8	557.6	554.0	550.7	547.2	544.1	542.0	540.4	538.7	537.2	535.6
142.5°	554.0	551.5	548.9	546.5	543.8	541.4	539.5	537.9	536.3	534.9	533.2
145°	551.4	549.8	548.0	546.2	544.5	542.8	541.2	540.0	538.7	537.4	536.4
147.5°	545.9	544.5	543.4	542.3	540.9	539.7	538.6	538.0	536.7	536.1	535.1
150°	540.1	539.0	537.8	537.0	535.6	534.7	533.8	533.4	532.5	532.2	531.6
152.5°	532.0	531.1	530.0	529.3	528.0	527.0	526.4	526.0	525.4	525.1	524.2
155°	526.7	526.0	525.3	524.6	523.6	523.1	522.4	521.5	520.9	520.2	519.5
157.5°	524.1	523.5	522.7	522.2	521.3	520.6	520.0	519.3	518.6	518.0	517.2
160°	523.0	522.5	521.7	521.1	520.4	519.8	518.8	518.0	517.1	516.4	515.3
162.5°	524.8	524.0	523.2	522.4	521.3	520.6	519.8	519.2	518.6	517.9	517.1
165°	526.2	525.5	524.9	524.2	523.8	523.1	522.2	521.4	520.4	519.8	518.6
167.5°	530.8	530.3	529.6	529.2	528.4	527.8	527.1	526.2	525.4	524.4	523.4
170°	533.6	532.6	532.1	531.2	530.5	529.6	529.0	528.1	527.2	526.7	525.6
172.5°	537.8	537.4	536.7	536.3	535.3	534.8	534.3	533.6	532.9	532.1	531.6
175°	537.8	537.7	537.6	537.1	536.9	536.5	536.3	536.1	535.8	535.6	535.1
177.5°	539.8	539.6	539.6	539.3	539.1	539.1	538.8	538.5	538.2	537.8	537.6
180°	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3



TEST NUMBER: P1444848
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3
2.5°	43329.3	43318.4	43323.6	43303.3	43308.1	43283.6	43281.4	43253.7	43251.0	43224.9	43215.1
5°	44796.4	44772.3	44799.5	44757.1	44765.4	44710.2	44705.6	44634.2	44609.6	44520.4	44481.8
7.5°	46408.7	46399.7	46416.3	46380.8	46379.6	46330.4	46310.1	46246.0	46206.4	46112.6	46052.8
10°	46762.0	46770.3	46756.7	46760.0	46740.8	46735.5	46715.9	46703.4	46671.3	46646.9	46611.2
12.5°	45295.2	45304.0	45248.1	45283.6	45255.5	45321.0	45315.7	45392.8	45404.7	45502.2	45539.2
15°	41905.3	41894.8	41787.5	41855.1	41818.8	41962.4	41994.6	42187.8	42291.2	42539.3	42691.7
17.5°	36784.4	36756.8	36605.6	36687.9	36646.0	36857.9	36928.8	37238.0	37430.7	37830.5	38115.4
20°	30680.0	30627.1	30450.2	30546.6	30503.4	30744.0	30845.4	31219.0	31467.5	31997.1	32373.8
22.5°	24499.8	24416.1	24242.9	24333.0	24292.2	24541.4	24673.3	25048.1	25332.9	25876.5	26316.3
25°	18950.0	18875.5	18708.0	18771.0	18755.8	18966.6	19084.1	19438.6	19718.4	20236.2	20655.9
27.5°	14453.6	14376.0	14224.7	14269.4	14254.0	14433.6	14544.3	14840.5	15081.2	15517.1	15885.7
30°	11062.2	10968.5	10840.3	10864.9	10854.3	10999.9	11103.3	11352.7	11559.0	11927.4	12244.9
32.5°	8479.1	8385.1	8267.1	8278.7	8263.1	8377.4	8462.5	8679.4	8859.2	9172.4	9448.8
35°	6487.7	6597.5	6345.8	6505.3	6339.2	6583.0	6495.3	6630.9	6785.5	7049.5	7280.0
37.5°	4987.5	4910.9	4846.0	4839.2	4838.9	4895.3	4962.0	5092.6	5228.9	5425.5	5628.6
40°	3952.3	3898.6	3856.6	3853.7	3856.6	3896.8	3946.1	4036.4	4136.1	4277.4	4426.6
42.5°	3278.1	3242.4	3217.2	3215.4	3223.4	3251.8	3286.1	3339.7	3404.6	3496.1	3598.5
45°	2837.2	2817.4	2803.3	2802.5	2806.2	2821.0	2840.7	2874.1	2915.3	2972.4	3037.2
47.5°	2527.8	2523.0	2514.2	2514.5	2510.5	2516.7	2518.9	2537.6	2559.5	2602.6	2687.1
50°	2302.6	2302.6	2296.5	2296.2	2290.5	2290.1	2285.3	2292.7	2302.9	2329.6	2356.7
52.5°	2124.5	2123.9	2117.4	2116.0	2110.0	2109.6	2105.5	2108.4	2109.8	2123.2	2139.4
55°	1985.3	1981.2	1972.6	1969.9	1967.4	1971.0	1969.4	1969.5	1967.7	1973.4	1978.2
57.5°	1885.6	1880.2	1872.0	1869.5	1868.9	1873.1	1873.3	1871.8	1864.3	1859.2	1851.9
60°	1806.6	1801.1	1792.3	1790.1	1791.4	1797.1	1796.8	1791.9	1780.7	1771.0	1759.7
62.5°	1728.9	1726.7	1722.2	1721.6	1720.5	1721.4	1717.4	1712.3	1701.3	1690.8	1678.5
65°	1624.8	1625.9	1622.6	1623.0	1619.0	1618.4	1612.3	1607.4	1596.2	1586.7	1574.1
67.5°	1516.6	1517.5	1514.8	1514.8	1512.6	1513.0	1509.3	1504.7	1495.2	1487.6	1477.8
70°	1427.6	1429.8	1428.2	1428.7	1426.2	1425.1	1419.4	1414.9	1405.2	1398.8	1389.9
72.5°	1320.9	1325.6	1325.5	1326.7	1322.8	1320.9	1314.0	1308.4	1299.6	1294.4	1287.4
75°	1205.6	1211.9	1213.7	1216.4	1211.0	1208.1	1200.5	1196.0	1188.9	1185.9	1181.2
77.5°	1093.2	1100.1	1106.7	1112.8	1103.9	1096.1	1086.7	1079.5	1069.2	1065.2	1058.1
80°	967.0	979.2	993.7	1005.9	990.1	974.0	958.6	947.0	933.4	927.8	918.9
82.5°	802.2	814.7	823.0	830.8	819.8	808.2	793.1	783.0	768.3	762.9	752.5
85°	609.5	625.0	630.0	634.1	627.1	620.8	606.8	587.7	578.5	563.9	556.4
87.5°	400.9	410.2	411.9	413.4	409.1	406.0	396.9	387.9	372.1	360.5	346.5
90°	184.7	189.1	183.6	184.1	180.5	182.7	175.3	174.0	162.9	159.7	149.9
92.5°	49.7	46.3	43.5	40.5	44.2	46.4	49.9	52.2	55.7	58.0	61.5
95°	67.4	64.0	60.7	57.3	60.0	62.6	65.3	68.0	70.6	73.3	76.0
97.5°	92.5	90.3	88.0	85.8	87.4	89.0	90.5	92.0	93.6	95.2	96.8
100°	118.0	116.3	114.5	112.7	112.7	112.7	112.7	112.7	112.7	112.7	112.7
102.5°	190.4	182.9	175.2	167.7	172.8	177.9	183.1	188.2	193.4	198.5	203.8
105°	361.1	340.3	319.6	298.9	318.9	339.0	359.1	379.2	399.2	419.6	439.6
107.5°	657.0	624.2	591.4	558.6	595.4	631.9	668.5	705.2	741.7	778.3	815.2
110°	982.6	951.4	920.2	889.0	927.8	966.6	1005.4	1044.2	1083.2	1122.0	1161.1



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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°	1200.5	1185.4	1170.2	1155.1	1180.0	1205.0	1230.0	1255.3	1280.4	1305.5	1330.5
115°	1257.6	1256.7	1255.9	1254.9	1266.8	1278.6	1290.4	1302.4	1314.3	1326.1	1338.3
117.5°	1189.1	1197.4	1205.8	1214.3	1218.1	1221.9	1225.9	1229.7	1233.8	1237.8	1241.8
120°	1066.4	1077.3	1088.6	1100.0	1098.4	1096.8	1095.5	1093.9	1092.8	1091.4	1090.6
122.5°	922.6	933.6	945.0	956.1	952.8	949.4	946.3	943.1	940.2	937.2	934.3
125°	789.0	798.1	807.6	817.1	813.7	810.3	807.1	804.2	801.2	798.1	795.6
127.5°	683.6	689.3	694.8	700.7	699.1	697.5	696.5	695.1	694.0	693.1	692.4
130°	612.1	614.5	617.2	619.6	620.1	620.6	621.4	622.2	623.3	624.2	625.6
132.5°	570.7	570.8	571.4	571.8	573.6	575.4	577.7	579.8	582.4	584.6	587.8
135°	547.6	546.8	546.0	545.6	548.3	550.8	553.7	556.8	560.2	563.7	567.3
137.5°	537.7	536.3	535.3	534.0	536.7	539.3	542.3	545.4	548.6	552.1	555.9
140°	534.4	533.2	532.4	531.3	534.0	536.5	539.5	542.5	545.9	549.4	552.9
142.5°	532.2	530.8	530.0	529.2	531.3	533.8	536.7	539.3	542.5	545.4	548.7
145°	535.3	534.3	533.7	533.1	534.7	536.4	538.5	540.5	542.8	544.9	547.7
147.5°	534.5	533.8	533.6	533.0	534.3	535.6	537.0	538.3	540.3	541.8	543.8
150°	531.5	530.9	530.7	530.5	531.3	532.0	533.1	533.7	535.0	536.0	537.6
152.5°	524.2	523.6	523.8	523.5	524.1	524.7	525.6	526.4	527.4	528.2	529.7
155°	519.1	518.6	518.2	517.7	517.8	518.0	518.4	518.6	519.1	519.5	520.0
157.5°	516.9	516.3	515.9	515.3	515.2	515.0	515.0	515.0	515.2	514.9	515.1
160°	514.8	513.8	513.1	512.4	512.5	512.3	512.6	512.4	512.7	512.9	513.1
162.5°	516.6	515.9	515.5	514.8	514.5	513.9	513.5	513.0	512.6	512.3	512.1
165°	517.8	517.1	516.2	515.3	515.1	514.9	514.6	514.4	514.4	514.0	514.1
167.5°	522.8	521.8	521.1	520.2	519.8	518.8	518.5	517.8	517.2	516.7	516.5
170°	525.1	524.2	523.7	523.0	522.7	522.2	522.0	521.5	521.3	521.3	521.3
172.5°	531.0	530.3	529.7	529.3	528.9	528.6	528.4	528.2	528.0	528.0	527.8
175°	535.0	534.7	534.5	534.2	533.8	533.6	533.2	533.0	532.7	532.4	532.2
177.5°	537.0	536.7	536.4	536.3	536.1	536.1	536.1	536.1	536.1	535.9	535.8
180°	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3



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CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3
2.5°	43187.2	43175.8	43145.9	43131.2	43103.5	43089.5	43068.0	43054.0	43036.6	43023.7	43017.0
5°	44383.7	44328.5	44217.9	44149.7	44030.2	43951.5	43832.8	43745.8	43623.2	43532.8	43417.0
7.5°	45940.6	45855.8	45714.0	45606.5	45439.3	45311.5	45123.9	44973.8	44766.5	44594.4	44382.6
10°	46574.4	46524.9	46461.3	46392.1	46299.5	46208.6	46080.5	45950.0	45775.9	45602.8	45376.6
12.5°	45637.6	45684.1	45775.9	45818.8	45889.0	45912.9	45945.0	45929.9	45901.5	45830.8	45728.2
15°	42984.4	43178.8	43486.0	43698.4	43996.1	44205.2	44481.8	44659.8	44864.9	44987.4	45103.9
17.5°	38620.2	38996.2	39538.1	39970.5	40551.0	41023.0	41601.2	42055.5	42580.1	42982.6	43411.0
20°	33030.3	33556.8	34304.9	34940.3	35781.4	36494.7	37408.5	38173.9	39066.9	39811.2	40614.5
22.5°	27014.0	27633.3	28490.6	29256.9	30261.3	31158.5	32303.4	33315.5	34522.6	35604.0	36800.3
25°	21338.3	21945.3	22818.5	23612.1	24696.4	25684.7	26935.5	28096.6	29497.4	30803.6	32303.4
27.5°	16471.1	17010.3	17777.9	18492.2	19485.3	20455.5	21724.9	22963.0	24457.7	25861.6	27477.8
30°	12720.4	13157.7	13772.8	14347.4	15144.6	15938.1	17068.8	18213.9	19701.2	21156.0	22812.9
32.5°	9857.9	10230.8	10744.3	11210.8	11825.0	12423.3	13255.9	14171.0	15475.7	16869.1	18471.3
35°	7631.1	7950.1	8387.1	8789.0	9294.2	9769.1	10390.5	11043.5	12039.2	13211.3	14645.1
37.5°	6083.9	6214.0	6525.9	6855.1	7274.8	7665.0	8151.1	8633.9	9346.3	10271.1	11442.4
40°	4626.7	4833.3	5087.2	5346.4	5664.1	5977.3	6510.4	6767.1	7236.2	7900.1	8809.2
42.5°	3733.2	3878.4	4057.1	4237.4	4458.8	4676.9	4946.6	5221.2	5571.9	6021.5	6668.2
45°	3124.0	3218.7	3333.9	3454.1	3599.4	3748.2	3928.8	4117.4	4355.0	4631.4	5024.1
47.5°	2717.1	2769.4	2844.6	2926.6	3026.3	3129.3	3246.7	3366.9	3514.5	3678.5	3902.1
50°	2399.4	2443.1	2501.5	2556.2	2625.1	2730.7	2777.2	2843.6	2932.4	3028.9	3153.9
52.5°	2169.5	2198.6	2235.2	2266.8	2310.3	2349.8	2401.6	2447.3	2508.8	2566.7	2647.5
55°	1990.5	2001.1	2021.9	2042.2	2072.3	2099.3	2134.8	2164.7	2203.9	2238.6	2289.4
57.5°	1852.3	1853.2	1862.8	1873.4	1892.7	1909.7	1934.2	1953.8	1981.1	2003.1	2033.7
60°	1752.9	1747.7	1749.5	1753.3	1764.2	1775.2	1790.8	1803.7	1820.7	1833.2	1850.3
62.5°	1670.3	1661.9	1660.0	1659.1	1664.5	1668.5	1677.0	1683.2	1693.0	1698.4	1707.5
65°	1565.8	1556.0	1552.2	1547.6	1549.3	1548.0	1551.2	1551.4	1556.3	1557.4	1562.7
67.5°	1471.1	1462.9	1457.9	1451.9	1449.2	1444.8	1442.9	1438.7	1438.1	1434.6	1433.8
70°	1384.7	1376.7	1372.5	1366.9	1364.0	1358.2	1354.8	1347.7	1343.6	1337.0	1333.4
72.5°	1284.7	1280.3	1279.0	1275.1	1274.1	1271.0	1269.6	1264.5	1261.6	1256.0	1252.9
75°	1180.2	1176.6	1176.2	1172.4	1172.1	1168.3	1167.3	1162.0	1159.2	1153.7	1151.3
77.5°	1055.8	1050.3	1048.8	1044.3	1045.4	1043.4	1045.1	1041.1	1039.3	1033.8	1032.0
80°	915.6	908.6	905.7	899.8	901.5	898.7	901.5	901.1	903.1	898.7	897.9
82.5°	749.6	742.0	740.5	736.4	739.1	739.4	745.3	742.1	743.4	739.2	740.9
85°	545.5	539.7	531.7	530.6	525.5	530.8	523.9	528.5	521.0	526.3	519.3
87.5°	338.2	326.4	320.1	311.6	308.4	300.3	296.9	291.0	292.7	290.0	291.6
90°	149.0	140.5	140.8	135.2	137.0	132.3	135.8	133.2	137.4	134.8	139.5
92.5°	63.8	66.7	72.0	77.8	82.8	88.1	93.4	99.2	104.3	109.9	115.0
95°	78.6	81.3	88.5	95.6	102.8	109.9	117.1	124.3	131.5	138.5	145.7
97.5°	98.4	100.0	107.1	114.2	121.4	128.6	135.6	143.2	150.4	157.4	164.6
100°	112.7	112.9	133.2	153.5	173.8	194.2	214.6	234.9	255.4	275.7	296.0
102.5°	209.0	214.1	265.4	316.8	368.1	419.4	470.9	522.4	573.7	625.2	676.7
105°	459.8	480.0	558.2	636.8	715.0	793.5	871.9	950.6	1029.0	1107.5	1186.0
107.5°	851.7	888.5	959.4	1030.3	1101.0	1172.0	1242.9	1313.8	1384.7	1455.7	1527.0
110°	1199.9	1238.9	1286.4	1333.9	1381.6	1429.1	1476.7	1524.2	1572.1	1619.6	1667.6



TEST NUMBER: P1444848
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CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	1355.5	1380.9	1408.5	1436.4	1464.2	1492.0	1519.9	1547.7	1575.9	1603.8	1631.9
115°	1350.4	1362.6	1373.2	1384.3	1395.2	1406.2	1417.3	1428.5	1439.9	1450.9	1462.2
117.5°	1245.8	1250.3	1251.9	1253.9	1255.7	1258.0	1260.0	1262.3	1264.5	1266.9	1268.8
120°	1089.3	1088.2	1086.6	1085.2	1083.6	1082.3	1081.0	1079.8	1078.7	1077.5	1076.2
122.5°	931.5	928.9	927.3	926.1	924.8	923.6	922.6	921.8	920.7	919.7	918.6
125°	792.9	790.5	792.4	794.3	796.4	798.6	800.6	803.1	805.3	807.6	810.0
127.5°	691.5	691.0	695.5	700.0	704.7	709.5	714.2	719.1	723.8	728.9	733.5
130°	627.0	628.6	634.2	640.2	646.0	652.1	658.0	664.3	670.0	676.1	682.1
132.5°	590.3	593.6	598.9	604.7	610.3	616.2	622.1	627.9	633.7	639.8	645.3
135°	571.1	575.1	580.2	585.5	590.8	596.3	601.6	607.2	612.2	617.7	622.8
137.5°	559.5	563.5	567.8	572.1	576.3	581.0	585.4	589.8	594.0	598.5	602.7
140°	556.6	560.6	563.0	566.0	568.6	571.3	573.8	576.8	579.2	582.2	584.6
142.5°	552.1	555.8	557.2	559.2	561.0	563.3	565.0	567.0	568.7	570.4	572.0
145°	550.1	553.0	553.4	554.0	554.6	555.3	555.6	556.3	556.6	557.0	557.3
147.5°	545.9	547.9	547.7	548.1	548.1	548.1	548.3	548.4	548.1	548.3	548.3
150°	538.7	540.3	539.7	539.6	539.1	538.9	538.2	538.0	537.4	537.2	536.6
152.5°	530.7	532.0	531.0	530.9	530.0	529.5	528.7	528.4	527.6	527.1	526.7
155°	520.3	520.9	520.4	520.1	519.8	519.5	519.0	519.0	518.8	518.5	518.4
157.5°	515.3	515.3	515.1	514.8	514.5	514.4	514.2	514.1	514.0	514.3	514.4
160°	513.1	513.3	513.0	512.7	512.5	512.2	512.0	512.1	512.1	512.4	512.6
162.5°	511.7	511.5	511.1	510.8	510.6	510.6	510.5	510.8	510.8	511.0	511.3
165°	514.2	514.4	513.6	513.4	513.1	512.8	512.4	512.3	512.4	512.4	512.4
167.5°	516.1	515.9	515.9	516.0	516.0	516.2	516.4	517.1	517.2	517.8	518.0
170°	521.1	521.3	520.9	520.8	520.6	520.5	520.4	520.4	520.5	520.6	520.5
172.5°	527.8	527.8	527.3	526.8	526.5	526.2	525.7	525.5	525.2	524.9	524.4
175°	531.8	531.6	531.4	531.1	530.9	530.5	530.3	529.7	529.5	529.3	529.1
177.5°	535.6	535.2	535.1	535.1	535.0	534.8	534.8	534.6	534.6	534.6	534.3
180°	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3



TEST NUMBER: P1444848
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CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3
2.5°	43008.3	43007.8	43003.6	43005.6	43006.3	43009.4	43013.1	43017.0	43017.7	43020.8	43021.4
5°	43330.2	43223.8	43145.1	43058.5	42993.4	42934.9	42895.9	42864.8	42852.8	42855.9	42863.1
7.5°	44202.9	43983.4	43802.1	43596.1	43424.2	43242.3	43091.5	42948.1	42843.7	42765.8	42722.3
10°	45160.7	44893.2	44637.3	44339.1	44056.2	43754.4	43481.0	43205.7	42976.2	42776.9	42630.4
12.5°	45585.7	45396.7	45175.4	44894.0	44591.4	44243.1	43891.3	43514.3	43163.6	42838.1	42575.6
15°	45135.7	45136.1	45055.4	44920.4	44710.2	44431.9	44096.7	43703.7	43290.0	42867.9	42482.2
17.5°	43707.2	43976.7	44126.6	44221.5	44192.4	44089.8	43876.6	43574.7	43189.0	42739.4	42268.8
20°	41254.1	41889.8	42343.0	42750.6	42979.0	43130.8	43115.6	42992.8	42718.1	42335.8	41845.7
22.5°	37817.6	38884.7	39726.6	40511.7	41062.3	41510.2	41723.1	41813.5	41689.1	41422.7	40962.5
25°	33643.8	35094.5	36332.5	37534.0	38435.3	39209.9	39675.3	40003.3	40029.4	39890.2	39479.6
27.5°	29005.8	30718.2	32285.2	33882.0	35149.4	36262.9	36993.5	37528.3	37698.2	37675.7	37302.9
30°	24373.7	26171.5	27898.7	29760.7	31329.0	32751.6	33716.7	34440.0	34718.6	34772.0	34413.4
32.5°	19999.3	21772.0	23494.4	25441.1	27167.0	28797.4	29937.6	30796.7	31120.7	31197.1	30803.6
35°	16029.1	17664.7	19301.5	21188.1	22904.1	24592.5	25793.9	26693.3	26995.9	27047.0	26591.6
37.5°	12586.3	13979.8	15406.1	17098.9	18674.7	20260.3	21401.9	22247.1	22467.6	22454.0	21938.6
40°	9687.5	10770.8	11916.9	13310.5	14620.6	15961.0	16925.0	17623.8	17739.6	17653.8	17112.3
42.5°	7284.4	8066.9	8897.8	9938.0	10910.1	11913.3	12614.7	13133.4	13149.9	13014.3	12528.2
45°	5426.9	6190.3	6538.8	7167.7	7793.9	8460.9	8889.1	9209.5	9159.9	9040.6	8671.3
47.5°	4137.1	4430.4	4741.6	5131.6	5496.3	6253.3	6197.2	6711.8	6341.2	6593.9	6037.5
50°	3285.3	3449.2	3616.9	3823.8	4014.4	4212.2	4336.0	4428.2	4416.3	4376.6	4270.0
52.5°	2794.9	2845.7	2928.3	3045.9	3152.3	3259.4	3329.7	3387.0	3388.1	3372.1	3318.2
55°	2336.0	2400.3	2459.6	2536.6	2667.7	2687.8	2788.7	2768.3	2776.2	2748.3	2776.9
57.5°	2059.6	2097.0	2130.5	2176.2	2214.1	2258.3	2284.4	2309.5	2307.0	2301.6	2274.1
60°	1863.8	1884.4	1903.0	1929.7	1950.5	1975.5	1987.5	2000.2	1996.1	1986.8	1962.3
62.5°	1712.7	1725.8	1736.3	1753.5	1766.2	1781.8	1787.9	1793.4	1787.9	1779.2	1757.5
65°	1563.9	1572.2	1578.9	1591.8	1600.8	1614.1	1619.4	1624.5	1619.5	1612.7	1596.2
67.5°	1429.5	1430.3	1429.6	1434.9	1437.6	1445.6	1448.1	1451.7	1445.9	1440.0	1426.2
70°	1327.6	1325.5	1322.9	1325.0	1325.5	1329.4	1330.0	1329.4	1322.5	1312.2	1297.0
72.5°	1247.9	1246.8	1244.9	1246.6	1246.6	1250.2	1249.1	1247.3	1238.8	1228.8	1213.8
75°	1145.6	1144.7	1140.9	1141.1	1137.8	1138.9	1134.8	1132.4	1123.0	1114.6	1101.2
77.5°	1025.7	1023.8	1018.2	1016.1	1010.0	1007.5	999.7	995.8	986.2	979.5	968.0
80°	892.0	889.9	882.7	878.7	869.1	863.0	851.5	844.9	833.9	827.4	816.1
82.5°	737.3	738.0	730.9	725.9	712.1	701.6	686.3	678.0	665.8	659.4	647.9
85°	524.3	516.9	520.9	520.5	511.9	502.8	490.3	481.5	471.2	465.2	457.1
87.5°	287.6	289.4	287.3	285.5	279.5	274.8	265.1	259.9	252.5	248.7	242.7
90°	129.2	126.3	116.5	113.8	104.2	98.8	88.0	83.8	73.8	71.6	65.1
92.5°	108.9	102.9	97.3	90.8	85.2	79.2	73.1	67.2	61.1	58.7	57.1
95°	137.0	128.5	119.8	111.1	102.4	93.6	85.2	76.4	67.7	66.0	64.2
97.5°	154.6	144.3	134.1	123.9	113.6	103.3	93.3	83.0	72.8	71.6	70.5
100°	272.5	249.0	225.5	201.8	178.2	154.6	131.2	107.5	84.0	82.7	81.3
102.5°	619.5	562.2	505.0	447.9	390.8	333.5	276.4	219.0	161.9	153.6	145.4
105°	1099.3	1012.7	926.4	839.8	753.2	666.5	580.1	493.3	406.8	379.0	351.1
107.5°	1445.6	1364.2	1283.0	1201.6	1120.2	1039.1	957.5	876.1	794.6	745.7	696.8
110°	1602.9	1538.4	1474.1	1409.5	1345.1	1280.5	1215.9	1151.3	1086.8	1044.6	1002.6



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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°	1584.7	1537.5	1490.5	1443.2	1396.0	1348.7	1301.6	1254.1	1206.8	1181.3	1155.7
115°	1434.1	1405.7	1377.4	1349.1	1320.7	1292.4	1264.1	1235.3	1206.8	1193.4	1180.1
117.5°	1254.7	1240.4	1226.2	1211.9	1197.4	1182.9	1168.7	1154.1	1139.6	1135.0	1130.5
120°	1072.5	1068.4	1064.0	1059.9	1055.7	1051.5	1047.3	1042.9	1038.4	1039.3	1040.0
122.5°	920.8	922.8	925.0	926.6	928.9	930.5	932.7	934.2	936.0	939.9	943.8
125°	814.6	819.1	823.7	828.1	832.5	837.1	841.6	845.8	850.5	854.1	858.3
127.5°	739.0	743.8	749.0	754.0	759.2	764.1	769.2	773.9	778.9	782.5	786.5
130°	686.8	691.0	695.8	699.9	704.5	708.9	713.4	717.7	722.1	725.2	728.2
132.5°	649.4	653.5	657.6	661.4	665.7	669.5	673.6	677.5	681.9	684.0	686.4
135°	626.2	629.0	632.3	635.2	638.6	641.5	644.7	648.0	651.3	652.9	654.9
137.5°	605.3	607.8	610.5	613.0	615.8	618.3	621.2	623.8	626.9	627.7	629.2
140°	587.3	590.0	592.6	595.3	598.2	600.9	604.0	606.8	610.0	611.0	612.3
142.5°	574.3	576.2	578.5	580.5	582.8	584.9	587.5	590.0	592.6	593.7	594.9
145°	559.9	562.2	564.8	567.1	569.5	572.2	575.3	578.1	581.1	581.9	582.8
147.5°	550.2	552.3	554.5	556.7	559.0	561.0	563.8	566.3	569.0	569.9	570.6
150°	539.0	541.0	543.1	545.4	547.9	550.5	553.1	555.8	559.0	560.1	561.0
152.5°	528.9	531.1	533.6	536.2	538.8	541.6	544.5	547.3	550.3	551.3	552.5
155°	520.8	522.8	525.4	528.0	530.8	533.2	536.1	538.9	541.8	543.0	544.1
157.5°	516.6	518.5	520.8	523.1	525.5	528.0	530.6	532.9	535.6	536.6	537.6
160°	514.5	516.4	518.6	520.6	522.8	524.9	527.2	529.4	531.6	532.6	533.6
162.5°	513.2	515.3	517.3	519.1	521.5	523.6	525.9	528.0	530.2	530.9	532.0
165°	514.0	515.5	517.2	518.6	520.2	521.6	523.5	525.0	526.8	527.5	528.7
167.5°	519.5	520.4	521.5	522.7	524.2	525.4	526.8	528.0	529.4	530.2	531.1
170°	521.7	522.7	523.6	524.8	526.0	527.1	528.2	529.2	530.7	531.3	532.2
172.5°	525.2	525.6	526.6	527.1	528.0	528.5	529.5	530.2	530.9	532.0	532.7
175°	529.5	529.8	530.2	530.5	530.9	531.2	531.8	532.3	532.7	533.4	533.9
177.5°	534.5	534.8	535.0	535.1	535.7	535.9	536.3	536.5	536.9	537.6	538.4
180°	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3



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CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3
2.5°	43019.9	43019.5	43018.1	43016.1	43014.3	43015.4	43017.2	43022.2	43030.8	43043.3	43059.6
5°	42869.0	42877.8	42882.7	42883.4	42878.9	42876.2	42880.3	42892.1	42916.0	42956.0	43010.1
7.5°	42710.6	42721.4	42738.1	42750.6	42753.0	42750.0	42750.6	42769.1	42813.1	42891.0	43000.3
10°	42541.5	42509.4	42526.4	42557.4	42582.0	42586.5	42589.5	42611.4	42675.7	42793.5	42969.0
12.5°	42385.4	42283.7	42264.0	42292.0	42329.4	42341.4	42338.1	42347.5	42422.9	42578.6	42823.2
15°	42180.0	41988.5	41923.1	41930.3	41976.5	41993.2	41981.0	41962.4	42035.8	42226.1	42542.7
17.5°	41847.6	41538.8	41418.5	41413.2	41467.4	41481.7	41452.0	41394.4	41466.7	41704.1	42097.2
20°	41342.2	40886.5	40660.0	40623.9	40682.7	40665.6	40606.2	40519.2	40614.3	40902.8	41370.2
22.5°	40433.8	39856.3	39469.4	39344.5	39414.8	39367.9	39281.3	39170.2	39296.4	39624.4	40144.9
25°	38949.3	38282.1	37752.2	37455.0	37511.0	37427.0	37332.8	37198.1	37348.6	37725.0	38298.0
27.5°	36767.3	35996.5	35340.0	34848.0	34866.1	34756.1	34647.5	34473.2	34661.1	35106.6	35752.9
30°	33865.8	32974.0	32174.5	31505.7	31445.9	31339.3	31228.1	30999.3	31234.4	31767.8	32523.0
32.5°	30222.0	29231.9	28308.1	27462.6	27303.1	27198.9	27099.9	26836.6	27144.5	27766.4	28634.0
35°	25960.8	24906.0	23904.4	22938.8	22674.6	22570.4	22483.9	22231.6	22615.9	23292.5	24229.6
37.5°	21283.4	20205.9	19211.6	18221.4	17848.0	17706.8	17643.9	17478.6	17921.9	18591.2	19532.1
40°	16481.7	15479.9	14588.4	13713.7	13288.1	13072.0	13039.0	13008.9	13437.5	14018.2	14872.2
42.5°	11989.8	11181.5	10494.1	9825.6	9439.9	9144.8	9144.6	9234.2	9620.0	10055.0	10713.6
45°	8293.7	7751.3	7313.2	6866.6	6985.9	6397.6	6743.3	6565.9	6756.6	7037.0	7465.3
47.5°	5701.1	5405.0	5164.4	4914.9	4732.9	4559.3	4574.5	4686.5	4866.1	5032.5	5255.3
50°	4155.1	4004.3	3881.8	3752.2	3661.6	3585.1	3589.5	3638.0	3732.4	3820.0	3936.7
52.5°	3255.8	3172.6	3106.1	3034.5	2986.9	2948.8	2950.9	2974.5	3025.5	3075.5	3142.4
55°	2683.6	2673.5	2587.0	2522.7	2498.2	2472.6	2477.2	2486.6	2521.2	2550.6	2594.8
57.5°	2248.8	2210.0	2184.1	2150.1	2134.6	2116.7	2120.7	2124.2	2147.4	2167.1	2199.0
60°	1941.8	1914.3	1896.0	1872.9	1862.6	1851.3	1853.9	1855.9	1870.8	1883.6	1906.5
62.5°	1737.9	1713.3	1697.3	1679.5	1672.3	1664.7	1666.4	1667.0	1676.3	1685.7	1703.0
65°	1581.5	1561.9	1548.7	1533.3	1525.8	1517.7	1518.6	1518.6	1526.4	1533.3	1546.3
67.5°	1416.0	1401.3	1392.7	1380.5	1375.4	1367.3	1367.1	1364.5	1369.6	1372.4	1381.2
70°	1283.2	1268.4	1257.3	1245.7	1239.3	1232.1	1232.2	1232.4	1238.3	1244.6	1256.0
72.5°	1201.2	1187.0	1177.2	1167.0	1160.9	1154.8	1153.7	1153.1	1157.4	1160.7	1168.3
75°	1092.5	1081.3	1075.5	1065.9	1061.1	1054.2	1053.0	1049.9	1051.9	1052.6	1058.2
77.5°	960.8	950.1	945.4	935.7	931.6	923.8	923.2	919.6	921.3	920.1	924.5
80°	810.5	800.8	798.2	790.2	788.4	781.1	780.0	775.7	777.0	773.6	775.2
82.5°	642.9	634.0	632.0	624.7	624.7	618.1	617.8	611.3	611.3	605.7	596.7
85°	452.9	446.4	443.6	437.5	435.7	430.5	427.7	421.5	419.2	415.2	414.0
87.5°	239.0	234.9	231.1	228.3	223.0	213.5	212.8	206.2	206.6	202.1	202.4
90°	63.6	57.8	56.4	50.9	49.3	45.3	43.9	44.3	45.6	46.1	47.5
92.5°	55.1	53.1	51.1	49.1	47.0	45.1	43.0	45.1	47.0	49.1	51.1
95°	62.4	60.7	58.8	57.0	55.2	53.5	51.7	53.5	55.2	57.1	58.9
97.5°	69.4	68.3	67.2	66.1	64.9	63.8	62.7	64.0	65.1	66.2	67.4
100°	80.0	78.7	77.3	76.0	74.7	73.3	72.0	73.6	75.0	76.3	77.6
102.5°	137.3	129.1	120.8	112.6	104.3	96.1	87.9	96.1	104.3	112.7	120.9
105°	323.2	295.5	267.7	239.8	211.9	184.0	156.1	184.2	212.0	240.0	267.9
107.5°	647.8	599.0	549.9	500.9	451.8	402.8	353.7	403.0	452.1	501.1	550.2
110°	960.2	918.0	875.8	833.6	791.2	749.0	706.7	749.1	791.5	833.9	876.3



TEST NUMBER: P1444848
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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°	1130.1	1104.5	1078.8	1053.2	1027.4	1001.8	975.9	1002.1	1028.0	1054.0	1079.7
115°	1166.8	1153.2	1139.9	1126.4	1112.8	1099.2	1085.4	1099.6	1113.5	1127.3	1141.2
117.5°	1125.8	1121.3	1116.6	1111.9	1107.1	1102.4	1097.5	1102.8	1107.9	1113.3	1118.2
120°	1040.6	1041.5	1042.1	1042.6	1043.3	1043.7	1044.0	1044.4	1044.4	1044.4	1044.2
122.5°	947.5	951.3	954.9	958.6	962.1	965.7	968.9	966.3	963.4	960.7	957.5
125°	862.0	866.2	870.0	873.8	877.3	881.2	884.2	882.0	879.1	876.2	873.0
127.5°	790.0	793.6	797.0	800.7	803.8	807.1	810.1	808.1	805.6	803.2	800.4
130°	730.8	734.0	736.6	739.4	741.7	744.1	746.2	745.0	743.5	742.2	740.2
132.5°	688.7	691.1	693.3	695.5	697.2	699.1	700.4	700.1	699.3	698.5	697.2
135°	656.6	658.3	659.8	661.7	662.8	664.1	664.7	665.2	664.9	664.7	664.0
137.5°	630.2	631.5	632.4	633.2	633.9	634.4	634.5	635.5	635.9	636.7	636.7
140°	613.3	614.6	615.6	616.4	617.3	618.0	618.0	619.1	619.5	619.9	619.9
142.5°	596.1	597.2	598.2	599.1	599.8	600.4	600.6	601.6	602.0	602.4	602.5
145°	583.8	584.5	585.3	586.0	586.4	586.7	586.5	587.8	588.4	589.1	589.5
147.5°	571.5	572.4	572.8	573.4	573.7	574.0	574.0	575.0	575.8	576.4	577.0
150°	562.3	563.5	564.3	565.2	566.0	566.5	566.6	567.5	567.9	568.2	568.3
152.5°	553.4	554.3	555.2	555.9	556.7	557.0	557.3	558.1	558.8	559.3	559.5
155°	545.1	546.2	547.2	548.1	548.7	549.6	550.2	550.9	551.3	551.6	552.0
157.5°	538.5	539.6	540.4	541.4	542.0	543.0	543.6	544.5	544.9	545.6	545.9
160°	534.4	535.5	536.2	537.1	537.8	538.7	539.3	540.1	540.7	541.2	541.8
162.5°	532.7	533.7	534.2	535.1	536.0	536.7	537.4	538.2	538.9	539.4	540.0
165°	529.7	530.9	531.6	532.7	533.7	534.8	535.4	536.1	536.3	536.7	536.9
167.5°	532.0	533.1	533.7	534.8	535.4	536.5	537.4	537.8	538.0	538.3	538.5
170°	532.9	533.8	534.7	535.4	536.3	537.2	537.7	537.9	538.2	538.5	538.7
172.5°	533.4	534.5	535.3	536.4	537.1	538.0	538.9	539.0	538.9	538.8	538.5
175°	534.5	535.4	536.1	536.8	537.4	538.1	539.0	538.7	538.7	538.5	538.3
177.5°	539.2	540.3	541.1	541.8	542.6	543.2	544.1	543.4	543.0	542.3	541.7
180°	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3



TEST NUMBER: P1444848
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CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3
2.5°	43082.7	43104.3	43137.2	43167.1	43212.1	43247.6	43300.9	43341.4	43401.5	43440.6	43506.0
5°	43086.6	43170.9	43281.7	43389.8	43519.9	43637.9	43784.6	43909.6	44057.1	44177.3	44328.2
7.5°	43147.5	43310.0	43504.9	43701.2	43923.2	44130.8	44364.9	44576.6	44808.1	45004.1	45218.1
10°	43192.4	43443.1	43730.2	44019.1	44323.2	44605.8	44891.0	45137.5	45367.9	45557.4	45724.9
12.5°	43131.5	43476.8	43845.3	44201.0	44539.2	44831.6	45077.0	45266.6	45397.4	45486.2	45507.0
15°	42924.4	43340.0	43740.5	44094.8	44375.4	44591.8	44703.8	44756.3	44700.0	44606.5	44401.1
17.5°	42537.4	42975.7	43333.8	43613.3	43761.6	43820.3	43727.5	43566.1	43250.6	42900.5	42394.8
20°	41827.9	42236.3	42496.1	42648.5	42608.9	42462.2	42111.9	41686.0	41056.2	40385.0	39499.3
22.5°	40583.5	40940.5	41079.0	41090.3	40848.3	40480.9	39849.1	39118.7	38125.1	37092.2	35821.9
25°	38715.6	39028.3	39050.2	38927.3	38484.4	37889.2	36961.4	35928.1	34577.9	33201.6	31609.8
27.5°	36182.3	36482.2	36408.8	36179.6	35564.6	34768.2	33580.2	32245.5	30581.0	28955.4	27194.5
30°	32997.8	33318.5	33232.4	32938.3	32206.9	31265.5	29867.7	28317.0	26469.0	24732.7	22948.3
32.5°	29186.9	29592.4	29532.9	29253.4	28490.2	27482.7	25966.1	24321.3	22430.6	20719.6	18983.8
35°	24855.3	25347.7	25373.1	25190.4	24481.9	23486.0	21988.4	20396.4	18585.5	16971.0	15367.5
37.5°	20188.5	20759.3	20876.5	20827.2	20240.0	19361.0	17996.4	16568.3	14963.9	13549.0	12177.6
40°	15495.8	16073.6	16274.1	16333.6	15900.2	15219.4	14099.4	12946.7	11638.9	10492.3	9403.4
42.5°	11216.4	11728.6	11922.3	12044.2	11773.7	11319.7	10502.7	9665.6	8707.4	7880.5	7087.7
45°	7790.0	8152.3	8299.7	8422.4	8275.0	8018.9	7503.0	6979.4	6346.9	5806.6	5294.9
47.5°	5446.4	5646.2	5743.5	5803.0	5745.9	5612.3	5331.6	5028.3	4671.3	4355.4	4051.8
50°	4037.0	4143.3	4194.2	4228.6	4187.0	4112.7	3960.8	3795.7	3599.6	3420.7	3245.9
52.5°	3199.2	3260.2	3290.4	3308.9	3285.1	3239.7	3151.2	3053.3	2935.7	2825.2	2767.2
55°	2695.2	2692.0	2761.9	2728.1	2761.9	2686.5	2670.7	2563.1	2465.4	2396.7	2322.2
57.5°	2222.6	2254.3	2267.7	2282.7	2273.0	2259.2	2221.6	2183.1	2131.6	2088.6	2042.6
60°	1923.9	1950.0	1964.7	1979.7	1978.6	1973.5	1951.8	1928.7	1896.6	1870.8	1843.0
62.5°	1718.2	1740.8	1755.3	1769.6	1770.9	1768.7	1752.3	1736.3	1714.4	1698.2	1679.0
65°	1556.3	1572.2	1582.1	1593.5	1592.8	1589.8	1574.9	1561.6	1543.6	1532.4	1518.3
67.5°	1386.9	1399.0	1406.6	1417.3	1419.4	1420.0	1411.9	1405.7	1396.8	1393.6	1388.8
70°	1266.5	1281.0	1293.3	1306.9	1314.3	1317.8	1314.3	1311.1	1306.0	1303.7	1300.0
72.5°	1175.3	1187.6	1197.2	1209.6	1216.4	1221.4	1218.7	1216.9	1212.4	1211.8	1209.2
75°	1062.1	1070.6	1076.0	1085.2	1088.9	1093.6	1091.4	1092.5	1091.1	1094.7	1094.5
77.5°	925.9	932.1	934.7	941.4	942.1	947.7	949.0	955.5	960.2	970.4	975.8
80°	772.6	776.6	776.6	783.5	786.6	796.0	800.5	811.2	816.1	825.3	826.1
82.5°	600.2	595.6	600.2	597.3	606.1	616.7	618.1	627.3	629.3	635.1	630.6
85°	410.3	410.0	406.3	406.9	404.2	405.5	404.0	405.6	404.1	404.2	400.0
87.5°	196.6	198.3	194.1	195.5	191.4	193.2	189.6	192.5	188.1	188.8	182.3
90°	48.4	49.7	50.6	52.0	53.9	57.5	61.3	64.9	69.3	72.9	77.0
92.5°	53.1	55.2	57.3	59.3	61.3	67.4	73.3	79.4	85.5	91.4	97.5
95°	60.7	62.5	64.3	66.4	68.2	76.9	85.6	94.3	103.0	111.7	120.5
97.5°	68.8	69.9	71.0	72.1	73.4	83.7	93.9	104.2	114.4	124.7	134.8
100°	79.2	80.5	81.8	83.4	84.7	108.4	132.0	155.6	179.2	202.7	226.4
102.5°	129.4	137.6	145.9	154.4	162.7	220.0	277.4	334.6	391.7	449.1	506.2
105°	295.8	323.7	352.0	379.8	407.7	494.4	581.3	668.0	754.4	841.1	927.9
107.5°	599.4	648.5	697.7	746.8	795.9	877.5	958.9	1040.6	1122.2	1203.6	1284.7
110°	919.0	961.0	1003.8	1046.1	1088.5	1153.1	1217.9	1282.6	1347.3	1411.9	1476.5



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CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	1105.8	1131.5	1157.3	1182.9	1208.8	1256.2	1304.0	1351.4	1398.9	1446.1	1493.4
115°	1155.0	1168.4	1182.2	1195.8	1209.6	1238.2	1266.8	1295.4	1324.1	1352.5	1381.2
117.5°	1123.2	1128.1	1133.2	1137.6	1142.6	1157.3	1172.0	1186.6	1201.4	1216.0	1230.6
120°	1044.0	1043.5	1043.3	1042.6	1042.2	1046.6	1051.4	1055.7	1060.4	1064.7	1069.0
122.5°	954.4	950.8	947.6	944.0	940.7	938.8	937.3	935.5	934.2	932.2	930.6
125°	869.7	866.2	862.8	859.1	855.4	851.2	847.1	842.8	838.5	834.3	829.9
127.5°	797.8	794.5	791.6	788.2	784.9	780.0	775.3	770.4	765.7	760.7	755.9
130°	738.3	735.9	734.0	731.1	728.9	724.3	720.3	716.0	711.8	707.5	703.3
132.5°	695.9	694.3	692.7	690.6	688.9	684.9	681.4	677.3	673.5	669.6	665.8
135°	663.4	662.4	661.6	660.2	659.0	655.8	653.1	650.0	647.1	644.1	641.3
137.5°	636.8	636.2	635.9	635.5	634.9	632.3	630.0	627.4	625.0	622.4	620.1
140°	620.1	619.7	619.5	619.0	618.5	615.8	613.2	610.6	608.1	605.4	602.9
142.5°	602.5	602.3	602.0	601.6	601.2	599.0	597.3	595.1	593.1	591.1	589.2
145°	589.8	589.8	590.0	589.7	589.9	587.3	585.2	582.7	580.6	578.2	575.9
147.5°	577.5	577.5	577.9	577.9	578.2	576.1	574.4	572.3	570.6	568.5	566.8
150°	568.6	568.6	568.6	568.4	568.3	566.2	564.5	562.4	560.8	558.5	556.8
152.5°	559.7	559.9	560.1	560.2	560.4	558.5	556.6	554.5	552.6	550.3	548.5
155°	552.3	552.5	552.6	552.6	552.6	550.8	549.0	547.2	545.4	543.3	541.6
157.5°	546.2	546.5	546.8	547.0	547.2	545.6	544.0	542.5	540.9	539.1	537.6
160°	542.2	542.7	543.0	543.1	543.5	542.2	541.1	539.5	538.5	536.8	535.3
162.5°	540.4	540.9	541.2	541.4	541.7	540.4	539.3	538.0	536.7	535.0	533.6
165°	537.4	537.3	537.6	537.5	537.6	536.6	536.0	535.0	534.2	533.1	532.2
167.5°	538.8	538.7	539.0	538.9	539.0	538.3	538.2	537.4	536.7	536.0	535.3
170°	538.8	538.9	539.0	538.9	539.0	538.3	537.8	537.2	536.8	535.8	535.1
172.5°	538.5	538.2	538.1	538.0	537.7	537.3	536.9	536.5	536.3	535.8	535.3
175°	538.0	537.7	537.7	537.4	537.0	537.0	536.7	536.7	536.4	536.3	536.0
177.5°	541.4	540.9	540.2	539.6	539.1	539.0	538.9	538.7	538.8	538.5	538.3
180°	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3



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CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3
2.5°	43546.4	43277.5	43242.0	43260.9	43305.9	43322.5	43371.0	43384.2	43433.0	43445.1	43491.9
5°	44445.0	44089.6	44107.3	44192.7	44322.1	44399.2	44526.4	44592.9	44714.3	44769.6	44879.3
7.5°	45392.5	45113.4	45200.4	45344.5	45521.4	45643.9	45796.7	45896.2	46027.9	46109.7	46215.0
10°	45857.6	45781.2	45877.0	45990.4	46091.4	46170.4	46235.1	46287.0	46321.0	46352.7	46366.7
12.5°	45503.6	45622.0	45638.3	45627.3	45560.4	45509.4	45394.7	45316.8	45178.5	45094.2	44929.5
15°	44191.3	44451.5	44307.4	44089.2	43769.9	43503.7	43127.8	42847.9	42456.4	42190.9	41798.0
17.5°	41888.1	42216.6	41841.0	41336.2	40693.9	40144.4	39460.2	38917.1	38236.8	37742.0	37107.1
20°	38645.7	38952.7	38282.8	37445.9	36452.3	35616.2	34630.1	33843.4	32927.1	32245.5	31422.9
22.5°	34608.5	34827.2	33883.6	32755.3	31489.4	30444.9	29265.9	28322.8	27277.0	26497.8	25620.7
25°	30142.2	30201.2	29069.3	27769.4	26358.7	25184.6	23926.0	22934.3	21867.9	21078.1	20217.3
27.5°	25634.3	25547.8	24324.3	22946.1	21462.0	20241.8	19014.1	18084.9	17150.8	16439.4	15697.9
30°	21379.5	21169.9	19899.6	18482.9	17042.4	15948.7	14929.5	14183.3	13440.2	12875.9	12280.6
32.5°	17477.7	17182.1	15945.5	14618.3	13404.4	12560.4	11804.7	11240.0	10640.0	10163.2	9663.7
35°	14021.7	13706.7	12611.3	11486.1	10567.4	9945.2	9351.3	8888.0	8378.5	7976.4	7542.5
37.5°	11055.7	10797.6	9880.0	8994.6	8299.7	7817.5	7330.8	6952.2	6531.2	6354.3	5890.7
40°	8535.0	8354.5	7637.1	6984.4	6462.5	6236.1	5742.1	5388.4	5073.7	4814.3	4562.9
42.5°	6657.4	6593.5	5895.4	5386.3	5018.9	4733.5	4458.2	4234.7	4017.2	3838.3	3669.4
45°	4885.5	4835.1	4525.0	4231.2	3980.8	3781.4	3595.3	3441.6	3299.3	3181.5	3074.2
47.5°	3804.4	3788.3	3609.7	3427.5	3269.8	3141.6	3020.9	2918.8	2824.4	2745.7	2720.1
50°	3094.3	3092.2	2987.4	2875.0	2762.6	2688.5	2611.5	2551.2	2490.6	2443.3	2393.5
52.5°	2629.1	2617.7	2547.0	2477.6	2410.9	2362.3	2313.0	2274.4	2234.3	2205.2	2174.1
55°	2263.4	2275.4	2234.5	2193.0	2151.3	2121.0	2086.5	2061.1	2033.5	2015.1	1996.4
57.5°	2009.4	2025.2	2003.8	1980.2	1954.8	1934.9	1911.2	1893.6	1875.1	1863.5	1852.6
60°	1824.6	1841.9	1833.2	1821.4	1805.7	1793.9	1778.7	1768.9	1757.1	1750.6	1744.4
62.5°	1667.8	1689.4	1686.4	1680.8	1670.7	1664.1	1655.8	1651.5	1643.7	1640.8	1637.9
65°	1511.4	1535.7	1535.3	1532.5	1526.9	1525.0	1519.9	1518.9	1514.9	1516.5	1516.2
67.5°	1388.3	1409.5	1414.1	1417.5	1417.3	1418.6	1418.2	1420.2	1420.2	1423.3	1425.1
70°	1299.6	1314.3	1317.8	1321.4	1322.3	1325.2	1325.2	1326.9	1326.5	1329.0	1329.4
72.5°	1209.8	1229.2	1232.8	1235.6	1235.6	1238.3	1236.9	1236.4	1232.6	1231.7	1229.0
75°	1098.2	1123.0	1128.4	1131.9	1132.4	1134.8	1131.5	1129.3	1123.0	1120.4	1115.9
77.5°	981.6	1007.3	1011.1	1012.4	1010.4	1010.8	1003.8	999.0	990.8	987.5	983.2
80°	829.7	867.6	870.7	868.3	862.4	861.4	854.5	850.0	840.3	837.0	833.3
82.5°	631.4	675.9	682.2	684.9	680.0	681.1	674.6	672.0	663.1	661.5	655.5
85°	398.7	443.1	450.5	449.3	444.6	443.5	439.6	440.9	440.1	442.4	443.7
87.5°	183.2	226.2	236.6	233.2	232.7	229.7	222.8	225.4	229.6	232.3	232.4
90°	80.8	97.5	101.1	99.0	92.6	89.9	83.9	81.9	76.7	74.5	69.3
92.5°	103.5	109.5	115.5	110.1	104.8	99.4	94.1	88.5	83.4	77.8	72.7
95°	129.1	137.5	146.2	139.0	131.8	124.7	117.5	110.4	103.2	96.1	89.0
97.5°	145.1	155.0	165.1	157.9	150.8	143.5	136.3	129.2	122.0	114.8	107.7
100°	250.0	273.0	296.4	276.1	255.7	235.5	215.2	194.7	174.4	154.2	133.7
102.5°	563.4	620.2	677.2	625.7	574.4	522.8	471.5	420.1	368.7	317.1	265.9
105°	1014.3	1100.4	1186.7	1108.0	1029.5	951.1	872.6	794.1	715.6	637.1	558.7
107.5°	1366.3	1446.6	1527.5	1456.5	1385.5	1314.6	1243.5	1172.7	1101.6	1030.6	959.7
110°	1541.1	1604.2	1668.5	1620.5	1573.0	1525.0	1477.5	1429.6	1382.1	1334.6	1287.1



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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°	1540.7	1586.2	1633.0	1604.7	1576.8	1548.7	1520.8	1492.7	1465.0	1436.9	1409.3
115°	1409.3	1435.7	1463.5	1452.1	1441.0	1429.6	1418.4	1407.3	1396.2	1385.0	1374.3
117.5°	1245.1	1256.9	1270.6	1268.2	1266.0	1263.6	1261.4	1259.1	1257.2	1255.0	1253.0
120°	1073.3	1074.7	1078.3	1079.3	1080.5	1081.5	1082.8	1083.9	1085.2	1086.5	1087.9
122.5°	928.7	923.7	920.8	921.8	922.8	923.5	924.7	925.6	926.6	927.7	929.0
125°	825.6	817.6	812.2	809.9	807.7	805.3	803.0	800.7	798.6	796.5	794.5
127.5°	751.0	742.3	736.4	731.6	726.8	721.8	717.1	712.2	707.6	702.6	698.2
130°	699.0	690.6	685.2	679.2	673.4	667.2	661.4	655.4	649.4	643.5	637.5
132.5°	662.0	653.6	648.7	643.1	637.5	631.6	626.1	620.1	614.3	608.4	602.9
135°	638.2	630.6	626.6	621.2	616.4	611.0	605.7	600.4	595.2	589.7	584.9
137.5°	617.5	610.0	606.7	602.3	598.3	594.0	590.0	585.4	581.3	576.6	572.6
140°	600.3	592.4	588.7	586.3	584.0	581.3	578.8	576.1	573.7	571.1	568.4
142.5°	587.1	579.6	576.4	574.7	573.3	571.5	570.2	568.4	566.8	564.6	563.0
145°	573.7	565.3	561.8	561.3	561.3	560.9	560.6	560.2	559.9	559.3	559.0
147.5°	564.8	556.1	552.7	552.9	553.1	553.0	553.4	553.2	553.6	553.5	553.7
150°	554.6	544.9	540.9	541.6	541.8	542.5	543.1	543.4	544.2	544.6	545.1
152.5°	546.2	534.7	530.2	530.8	531.6	532.1	532.7	533.6	534.4	535.1	535.8
155°	539.3	526.8	522.0	522.0	522.3	522.6	522.8	523.3	523.8	524.1	524.8
157.5°	535.8	522.7	518.0	517.6	517.7	517.7	517.8	518.0	518.3	518.5	519.1
160°	533.8	520.8	516.2	515.9	515.9	515.8	515.8	515.8	516.0	516.2	516.7
162.5°	532.1	519.3	515.0	514.5	514.3	514.2	514.2	514.0	514.2	514.2	514.6
165°	531.0	520.0	515.9	515.8	515.9	515.9	515.9	516.1	516.4	516.6	517.1
167.5°	534.3	524.4	521.3	520.9	520.4	520.0	520.0	519.3	519.3	518.9	518.9
170°	534.3	526.5	523.8	523.6	523.9	523.8	523.6	523.8	523.8	523.7	524.0
172.5°	534.8	529.1	526.9	527.3	527.8	528.0	528.4	528.7	529.2	529.5	530.0
175°	535.8	532.2	531.4	531.3	531.6	531.8	532.1	532.2	532.5	532.7	533.3
177.5°	538.3	537.2	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.9	536.9
180°	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3



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 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3
2.5°	43500.7	43551.4	43547.5	43595.0	43592.5	43637.2	43628.2	43666.7	43657.9	43690.9	43671.5
5°	44927.6	45024.1	45055.9	45142.9	45161.0	45238.9	45240.5	45302.4	45294.9	45343.4	45317.6
7.5°	46277.4	46367.4	46410.2	46477.8	46511.7	46567.6	46589.5	46635.6	46646.7	46673.9	46673.0
10°	46391.3	46391.0	46412.2	46402.7	46421.6	46410.7	46433.7	46425.4	46459.5	46450.6	46476.4
12.5°	44858.5	44706.4	44650.9	44514.2	44484.3	44367.1	44375.4	44300.2	44336.5	44290.3	44369.0
15°	41564.2	41211.3	41037.0	40730.2	40633.9	40391.4	40371.7	40210.7	40254.2	40169.9	40293.0
17.5°	36696.3	36140.7	35835.8	35387.7	35209.9	34866.8	34798.1	34590.8	34622.9	34518.5	34667.3
20°	30892.3	30220.9	29836.3	29318.2	29087.1	28678.2	28569.7	28337.8	28366.8	28262.9	28431.2
22.5°	25022.1	24319.4	23885.2	23342.1	23047.0	22662.4	22547.0	22314.0	22327.3	22229.7	22391.5
25°	19627.6	18953.9	18532.5	18039.2	17783.1	17430.4	17309.2	17100.0	17111.8	17031.3	17176.6
27.5°	15183.4	14630.6	14277.9	13864.5	13634.9	13345.1	13226.9	13050.9	13050.4	12991.3	13112.7
30°	11865.0	11403.7	11087.0	10727.0	10511.4	10249.8	10135.6	9978.2	9971.3	9929.4	10025.9
32.5°	9290.0	8879.7	8591.0	8274.0	8080.4	7856.0	7747.9	7621.4	7609.9	7571.9	7651.1
35°	7221.7	6876.2	6628.0	6361.2	6380.8	6049.6	6104.7	5847.5	5777.7	5762.5	5821.4
37.5°	5581.6	5314.0	5112.3	4912.5	4777.1	4637.2	4561.8	4494.2	4486.4	4479.9	4521.2
40°	4368.9	4181.6	4034.9	3897.8	3804.7	3719.2	3672.1	3635.0	3626.2	3621.2	3646.2
42.5°	3536.0	3409.5	3315.0	3231.3	3174.8	3128.4	3102.5	3081.8	3074.9	3075.1	3089.8
45°	2987.4	2910.7	2849.8	2797.8	2761.7	2777.5	2730.8	2755.3	2723.0	2756.5	2734.4
47.5°	2630.9	2565.6	2527.8	2491.0	2469.1	2451.5	2452.2	2452.5	2459.4	2460.5	2467.6
50°	2355.7	2317.9	2291.7	2268.2	2256.8	2247.6	2250.8	2253.2	2259.9	2260.4	2265.7
52.5°	2152.1	2127.2	2111.4	2096.9	2091.7	2086.5	2088.7	2087.7	2090.8	2089.2	2093.5
55°	1986.4	1974.6	1969.7	1964.3	1965.0	1963.6	1964.6	1959.3	1956.1	1952.1	1955.8
57.5°	1850.3	1848.8	1852.1	1854.3	1860.6	1862.8	1864.3	1858.2	1852.4	1847.2	1850.2
60°	1745.5	1748.1	1756.4	1763.1	1772.2	1776.3	1778.9	1775.3	1771.2	1766.9	1769.4
62.5°	1642.2	1646.2	1656.2	1663.6	1674.5	1680.1	1686.4	1686.7	1688.3	1686.7	1688.4
65°	1522.2	1527.2	1536.2	1542.4	1552.5	1557.4	1563.9	1565.0	1568.5	1567.7	1570.8
67.5°	1431.1	1435.6	1443.1	1449.0	1457.9	1463.1	1468.6	1469.0	1470.2	1470.0	1472.8
70°	1333.8	1336.1	1342.8	1347.7	1356.7	1362.0	1368.4	1370.3	1374.3	1374.9	1378.1
72.5°	1230.1	1229.2	1233.2	1235.5	1242.2	1246.4	1254.5	1258.9	1265.6	1267.4	1269.8
75°	1117.2	1116.3	1121.0	1123.0	1128.8	1132.9	1142.0	1148.0	1158.3	1162.7	1161.6
77.5°	986.5	988.8	997.7	1002.6	1010.4	1015.7	1027.5	1036.9	1055.9	1064.3	1055.8
80°	840.3	842.7	852.0	856.6	866.7	873.1	886.4	897.5	914.5	918.2	913.4
82.5°	660.6	661.3	669.7	673.1	686.3	695.7	712.5	721.3	731.9	730.2	729.0
85°	450.5	456.5	466.9	477.4	493.3	508.7	524.5	537.7	528.3	543.0	526.7
87.5°	240.7	240.1	254.2	251.9	274.4	287.3	301.0	307.6	315.0	313.5	313.7
90°	67.8	64.2	64.2	60.2	61.3	57.0	59.2	55.2	58.2	53.3	60.8
92.5°	67.1	64.4	61.3	58.6	55.5	52.7	49.7	46.8	43.9	41.0	43.9
95°	81.8	79.1	76.5	73.6	70.9	68.3	65.6	62.9	60.3	57.6	60.9
97.5°	100.5	98.9	97.4	95.9	94.3	92.7	91.1	89.6	87.9	86.3	88.5
100°	113.4	113.4	113.4	113.4	113.1	113.1	113.1	113.1	113.1	113.1	114.9
102.5°	214.4	209.2	204.1	198.8	193.7	188.5	183.3	178.2	173.1	168.0	175.5
105°	480.3	460.2	440.0	420.0	399.7	379.6	359.5	339.5	319.4	299.3	320.1
107.5°	889.0	852.3	815.6	778.9	742.1	705.6	669.0	632.4	595.9	559.3	592.1
110°	1239.4	1200.4	1161.5	1122.6	1083.7	1044.7	1005.9	967.0	928.3	889.4	920.7



TEST NUMBER: P1444848
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	1381.5	1356.0	1330.9	1305.8	1280.6	1255.6	1230.5	1205.5	1180.6	1155.6	1170.8
115°	1363.1	1351.1	1339.0	1326.9	1314.9	1302.9	1290.9	1279.1	1267.2	1255.4	1256.3
117.5°	1251.0	1246.7	1242.6	1238.5	1234.4	1230.4	1226.5	1222.8	1218.8	1215.1	1206.7
120°	1089.5	1090.4	1091.3	1092.5	1093.8	1095.2	1096.4	1097.9	1099.4	1101.0	1089.7
122.5°	930.3	932.9	935.6	938.4	941.3	944.4	947.4	950.7	954.1	957.5	946.1
125°	792.3	794.8	797.4	800.1	802.6	805.9	808.9	812.2	815.4	818.9	809.3
127.5°	693.5	694.2	694.6	695.5	696.2	697.5	698.7	700.1	701.7	703.4	697.3
130°	631.7	630.2	628.6	627.5	626.1	625.2	624.5	623.7	623.1	622.8	620.3
132.5°	597.0	594.1	591.2	588.4	585.8	583.6	581.2	579.3	577.4	575.8	575.0
135°	579.3	575.5	571.7	568.0	564.4	561.4	558.1	555.4	552.6	550.0	550.7
137.5°	568.3	564.6	560.8	557.2	553.6	550.6	547.2	544.5	541.8	539.2	540.4
140°	565.9	562.1	558.2	554.8	551.4	548.3	545.1	542.5	539.4	537.3	537.8
142.5°	561.2	558.1	554.5	551.4	548.3	545.4	542.7	540.3	537.4	535.4	536.3
145°	558.4	556.1	553.5	551.0	548.7	546.8	544.4	542.7	540.9	539.6	540.0
147.5°	553.5	551.9	549.7	548.1	546.1	544.7	543.1	541.9	540.5	539.6	539.7
150°	545.6	544.5	543.1	542.0	540.9	540.0	539.0	538.2	537.4	536.7	536.7
152.5°	536.5	535.6	534.5	533.6	532.5	531.8	530.9	530.3	529.6	529.1	529.0
155°	525.3	524.8	524.3	524.1	523.6	523.6	523.1	523.3	522.9	522.9	523.1
157.5°	519.3	519.4	519.1	519.4	519.3	519.5	519.3	519.8	519.7	520.1	520.4
160°	517.2	517.1	516.8	516.9	516.7	516.6	516.6	516.7	516.7	516.7	517.2
162.5°	514.8	515.3	515.5	515.8	516.3	516.6	517.1	517.7	518.1	518.6	519.2
165°	517.5	517.5	517.4	517.3	517.7	517.7	517.8	518.3	518.4	518.8	519.5
167.5°	518.8	519.1	519.3	519.6	520.0	520.5	520.9	521.5	522.2	523.0	523.5
170°	523.8	523.8	523.8	523.8	523.8	524.1	524.2	524.4	524.6	525.1	525.4
172.5°	530.4	530.4	530.0	530.4	530.0	530.4	530.4	530.5	530.5	530.7	530.9
175°	533.2	533.6	533.9	534.3	534.3	534.6	534.8	535.0	535.2	535.6	535.6
177.5°	536.9	537.0	537.0	537.0	537.0	537.2	537.2	537.2	537.2	537.0	537.2
180°	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3



TEST NUMBER: P1444848
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3
2.5°	43703.7	43681.8	43704.1	43681.4	43704.1	43676.9	43695.4	43665.9	43673.5	43642.9	43650.8
5°	45356.1	45321.3	45339.8	45294.6	45299.4	45238.9	45237.8	45167.4	45148.8	45068.7	45033.5
7.5°	46692.4	46681.0	46687.5	46658.3	46654.9	46613.7	46594.0	46535.8	46499.2	46425.4	46375.0
10°	46480.9	46515.0	46523.8	46558.5	46565.7	46600.1	46607.2	46641.6	46648.9	46674.3	46674.6
12.5°	44365.3	44481.0	44508.6	44651.5	44711.6	44875.1	44962.8	45142.9	45249.9	45429.6	45540.0
15°	40289.7	40489.8	40569.6	40848.6	41002.9	41328.6	41533.2	41907.3	42171.2	42568.4	42851.7
17.5°	34680.3	34960.0	35086.2	35464.5	35711.4	36192.0	36538.6	37108.8	37545.4	38179.2	38681.5
20°	28460.0	28770.8	28942.1	29373.8	29665.0	30226.7	30659.2	31360.0	31944.4	32747.4	33434.2
22.5°	22442.3	22738.1	22928.3	23367.3	23695.3	24281.1	24764.5	25504.3	26159.0	27063.9	27887.3
25°	17231.4	17502.5	17674.4	18071.6	18379.6	18917.9	19379.5	20090.9	20731.6	21639.2	22483.6
27.5°	13173.3	13400.2	13566.0	13904.6	14176.2	14632.8	15029.3	15617.3	16169.3	16954.6	17706.4
30°	10085.2	10286.5	10447.7	10742.7	10994.4	11390.2	11738.9	12232.8	12689.7	13314.5	13912.6
32.5°	7706.8	7880.0	8023.7	8281.9	8510.3	8866.8	9180.9	9613.7	10005.9	10535.8	11027.9
35°	5876.1	6217.1	6192.8	6548.9	6606.2	6862.0	7142.3	7520.7	7868.0	8318.7	8737.4
37.5°	4560.9	4656.6	4759.4	4916.8	5082.2	5314.9	5551.7	6014.1	6183.7	6524.3	6871.0
40°	3677.9	3742.6	3810.4	3916.8	4032.6	4196.6	4369.0	4589.7	4815.7	5091.8	5373.8
42.5°	3109.3	3146.0	3189.1	3251.7	3323.0	3427.0	3542.3	3691.9	3849.2	4043.5	4241.9
45°	2778.0	2760.6	2773.4	2807.0	2850.0	2913.2	2985.9	3078.6	3181.0	3306.9	3440.9
47.5°	2469.1	2476.1	2479.9	2498.2	2521.2	2563.6	2607.8	2670.7	2792.0	2829.0	2902.2
50°	2265.1	2268.6	2267.3	2276.7	2288.3	2315.9	2344.5	2387.1	2429.6	2485.9	2539.7
52.5°	2094.2	2098.9	2098.3	2104.4	2110.6	2128.1	2146.1	2176.2	2204.1	2239.9	2270.8
55°	1959.2	1965.7	1968.3	1973.4	1976.4	1985.5	1992.7	2007.1	2019.0	2039.3	2058.0
57.5°	1855.3	1864.3	1868.4	1870.2	1866.6	1866.0	1863.7	1866.6	1869.1	1880.0	1890.5
60°	1773.6	1780.7	1781.9	1780.7	1774.0	1769.3	1761.6	1759.1	1757.9	1763.1	1768.9
62.5°	1688.0	1690.6	1688.8	1686.7	1679.0	1674.4	1666.4	1663.5	1660.8	1664.5	1667.6
65°	1569.6	1571.9	1569.6	1568.3	1561.4	1557.8	1551.1	1548.8	1544.9	1546.0	1545.3
67.5°	1473.5	1475.7	1474.0	1472.2	1467.4	1465.1	1460.2	1457.0	1452.3	1450.6	1447.4
70°	1377.6	1379.4	1376.7	1374.9	1369.5	1367.4	1362.8	1361.8	1358.2	1357.3	1353.7
72.5°	1267.4	1267.6	1263.8	1262.7	1258.7	1258.5	1256.5	1258.3	1258.2	1260.1	1259.3
75°	1154.7	1153.1	1148.3	1147.4	1144.4	1145.8	1143.8	1146.5	1146.9	1151.0	1151.4
77.5°	1041.7	1035.8	1026.7	1022.4	1016.2	1015.5	1012.0	1014.4	1013.5	1018.4	1020.2
80°	899.0	891.9	880.1	874.5	867.4	866.2	863.0	866.2	864.7	870.3	874.3
82.5°	717.7	711.5	699.4	694.9	686.6	687.4	683.8	687.4	686.9	695.2	700.0
85°	530.9	526.8	514.3	503.3	491.0	483.7	476.7	475.4	473.4	476.7	479.6
87.5°	306.7	302.8	293.1	286.7	265.1	266.0	257.5	257.0	255.0	253.0	257.5
90°	60.0	66.4	65.9	71.8	72.0	78.7	79.3	85.7	85.7	92.1	93.1
92.5°	46.8	49.7	52.5	55.5	58.4	61.3	64.2	67.1	73.3	79.2	85.8
95°	64.3	67.6	71.0	74.3	77.6	81.0	84.3	87.7	96.8	105.9	115.1
97.5°	90.9	93.0	95.2	97.5	99.7	101.9	104.2	106.4	116.4	126.2	136.0
100°	116.6	118.4	120.2	122.0	123.8	125.6	127.4	129.1	148.4	167.3	186.3
102.5°	183.2	190.7	198.3	205.9	213.7	221.3	228.9	236.5	280.1	323.7	367.2
105°	340.8	361.6	382.5	403.2	424.0	444.8	465.5	486.3	556.1	625.7	695.6
107.5°	624.9	657.6	690.4	723.3	756.1	789.1	821.9	854.8	922.8	990.9	1058.9
110°	951.9	983.3	1014.5	1046.0	1077.2	1108.6	1139.9	1171.5	1212.4	1253.2	1294.0



TEST NUMBER: P1444848
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	1186.1	1201.2	1216.5	1231.9	1247.2	1262.7	1278.0	1293.5	1314.1	1334.5	1355.1
115°	1257.3	1258.3	1259.4	1260.5	1261.6	1262.8	1264.2	1265.5	1272.2	1278.6	1285.3
117.5°	1198.3	1190.0	1181.8	1173.6	1165.5	1157.6	1149.7	1141.7	1140.6	1139.5	1138.7
120°	1078.8	1067.5	1056.5	1045.2	1034.4	1023.6	1013.0	1002.5	997.1	991.8	986.7
122.5°	935.1	924.0	913.1	902.1	891.4	880.9	870.4	860.0	856.5	852.9	849.5
125°	800.1	791.0	781.8	772.9	764.2	755.6	747.1	738.6	738.8	738.8	739.3
127.5°	691.9	686.3	680.9	675.7	670.8	665.7	661.0	656.1	659.0	661.8	664.7
130°	617.9	615.6	613.7	611.3	609.9	608.1	606.5	604.9	609.9	614.1	619.1
132.5°	575.0	574.7	574.8	574.8	575.3	575.7	576.4	576.8	582.2	587.3	592.7
135°	551.4	552.3	553.7	554.8	556.6	557.9	559.7	561.2	566.5	571.3	576.7
137.5°	541.7	543.0	544.6	546.3	548.4	550.1	552.4	554.3	558.5	562.6	566.7
140°	539.1	540.0	541.6	543.0	544.5	546.0	548.2	549.8	553.4	556.5	559.7
142.5°	537.5	538.2	539.6	541.0	542.6	544.0	545.8	547.2	549.8	552.1	555.0
145°	540.9	541.6	542.8	543.6	544.9	546.0	547.4	548.6	550.3	551.8	553.6
147.5°	540.4	540.8	541.7	542.5	543.4	544.3	545.0	545.9	547.2	548.2	549.4
150°	537.1	537.4	537.8	538.0	538.8	539.4	540.1	540.5	541.6	542.5	543.6
152.5°	529.5	529.6	530.0	530.3	530.9	531.3	531.7	532.2	533.3	534.0	535.0
155°	523.6	524.2	524.9	525.4	526.2	526.5	527.3	527.8	528.6	529.2	530.0
157.5°	521.1	521.3	522.2	522.6	523.3	523.8	524.4	524.9	525.7	526.2	526.8
160°	518.1	518.9	519.6	520.5	521.3	522.0	522.9	523.8	524.4	524.9	525.5
162.5°	519.8	520.4	521.1	521.5	522.2	522.8	523.3	524.0	525.0	525.5	526.6
165°	520.4	521.1	522.0	522.7	523.6	524.4	525.2	526.0	526.5	527.1	527.6
167.5°	524.4	524.9	526.0	526.7	527.6	528.2	529.2	529.8	530.5	530.8	531.4
170°	526.2	526.8	527.6	528.2	529.0	529.5	530.5	530.9	531.8	532.3	533.2
172.5°	531.4	532.0	532.5	532.9	533.5	534.2	534.8	535.1	535.8	536.3	536.9
175°	535.6	535.6	535.8	536.0	536.1	536.1	536.3	536.5	536.7	536.9	537.1
177.5°	537.5	537.7	537.8	538.1	538.3	538.5	538.8	539.0	539.0	539.0	539.0
180°	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3



TEST NUMBER: P1444848
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CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3
2.5°	43620.2	43622.1	43586.9	43585.0	43552.0	43547.9	43515.8	43506.0	43479.9	43470.5	43443.9
5°	44943.6	44900.8	44801.7	44743.5	44645.6	44580.8	44474.9	44405.8	44303.6	44226.4	44123.6
7.5°	46282.1	46215.5	46104.3	46014.3	45878.4	45770.0	45611.1	45481.0	45308.8	45159.8	44979.1
10°	46674.6	46664.4	46636.0	46594.8	46531.6	46460.6	46352.4	46239.7	46088.8	45925.0	45724.0
12.5°	45708.8	45813.0	45955.3	46039.6	46142.1	46187.1	46229.1	46218.6	46190.9	46108.0	45991.9
15°	43262.0	43555.1	43943.2	44243.9	44590.0	44841.4	45119.1	45292.1	45464.8	45544.4	45593.2
17.5°	39369.9	39924.7	40620.6	41197.3	41862.7	42397.0	42982.9	43423.9	43877.4	44202.3	44496.1
20°	34370.4	35174.4	36158.5	37027.9	38038.9	38917.4	39880.1	40670.5	41485.5	42122.9	42726.1
22.5°	28947.5	29902.4	31092.3	32194.4	33497.7	34669.0	35990.5	37140.7	38341.6	39344.9	40314.9
25°	23615.2	24662.3	25963.4	27193.1	28669.1	30031.5	31598.7	33032.2	34584.4	35932.0	37263.2
27.5°	18745.9	19774.0	21102.2	22411.3	23972.1	25423.8	27103.0	28682.3	30449.6	32079.4	33746.6
30°	14743.9	15615.8	16806.8	18074.7	19614.0	21091.3	22788.8	24413.1	26251.6	28031.1	29909.0
32.5°	11681.1	12345.4	13281.7	14353.8	15774.2	17180.5	18796.8	20364.7	22175.3	23972.8	25925.9
35°	9276.9	9795.0	10509.0	11345.6	12548.4	13760.7	15190.3	16616.3	18305.3	20011.1	21909.4
37.5°	7315.4	7735.7	8294.8	8923.4	9888.1	10882.9	12055.2	13237.4	14705.1	16217.2	17937.6
40°	5712.5	6052.9	6488.2	6956.9	7685.3	8451.9	9358.5	10275.2	11454.4	12690.1	14114.1
42.5°	4487.6	4738.7	5046.2	5388.7	6068.4	6475.4	7090.1	7753.2	8620.1	9517.1	10587.7
45°	3603.9	3775.2	3988.5	4218.2	4533.7	4878.8	5299.9	5741.5	6564.9	6968.9	7619.9
47.5°	3009.7	3124.6	3260.3	3405.1	3591.1	3791.9	4041.6	4296.9	4627.1	4969.3	5370.5
50°	2609.4	2726.4	2772.9	2847.9	2955.6	3070.2	3211.0	3351.8	3528.9	3708.4	3914.9
52.5°	2312.3	2350.4	2401.1	2448.8	2515.5	2646.1	2688.3	2761.9	2861.2	2958.3	3066.8
55°	2085.5	2110.3	2143.3	2172.0	2212.4	2250.9	2306.6	2355.6	2421.7	2480.3	2552.3
57.5°	1908.9	1924.8	1947.6	1966.5	1992.6	2014.3	2046.9	2073.5	2111.6	2144.7	2188.3
60°	1780.7	1791.2	1806.6	1818.9	1835.4	1846.8	1863.0	1875.5	1895.6	1912.4	1936.7
62.5°	1675.8	1681.2	1691.3	1698.6	1709.1	1714.9	1723.5	1728.9	1739.9	1748.4	1762.0
65°	1550.1	1551.4	1558.1	1561.2	1569.5	1572.5	1579.5	1582.1	1591.3	1597.4	1609.4
67.5°	1447.0	1444.2	1444.3	1442.0	1443.1	1440.7	1441.3	1438.7	1442.5	1444.3	1453.5
70°	1353.0	1349.0	1347.7	1343.4	1342.1	1337.7	1336.4	1332.3	1331.9	1330.6	1333.8
72.5°	1261.4	1260.2	1260.5	1257.5	1257.2	1254.2	1254.3	1252.4	1254.5	1255.4	1259.6
75°	1155.9	1156.3	1158.3	1155.6	1156.5	1153.8	1154.8	1152.4	1153.7	1153.2	1157.4
77.5°	1027.6	1030.7	1036.3	1035.2	1036.9	1034.0	1035.3	1032.0	1032.9	1030.7	1032.3
80°	883.4	889.7	897.3	897.0	900.2	898.1	900.9	897.7	899.0	895.2	894.2
82.5°	712.1	717.5	725.5	725.8	732.8	734.1	742.0	741.6	746.5	743.4	741.1
85°	486.8	490.4	497.5	501.3	508.6	513.1	520.5	523.6	518.2	528.1	520.2
87.5°	254.2	263.7	258.3	270.6	267.8	280.2	277.5	289.1	286.9	296.7	295.4
90°	101.3	102.9	111.4	113.6	123.6	126.7	130.8	127.0	130.9	127.4	131.3
92.5°	91.7	98.4	104.6	110.9	117.1	123.5	117.6	111.8	105.9	100.3	94.4
95°	124.2	133.4	142.5	151.7	160.8	169.9	160.1	150.5	140.7	130.9	121.0
97.5°	145.8	155.7	165.5	175.2	185.2	195.0	183.3	171.8	160.1	148.8	137.1
100°	205.2	224.4	243.3	262.4	281.5	300.5	278.9	257.2	235.8	214.2	192.5
102.5°	410.9	454.4	498.1	541.8	585.3	628.9	583.1	537.5	491.4	445.7	399.8
105°	765.3	835.1	904.9	974.6	1044.4	1114.4	1040.1	965.8	891.4	817.2	742.8
107.5°	1127.1	1194.9	1263.3	1331.2	1399.4	1467.7	1392.3	1317.0	1241.8	1166.3	1091.0
110°	1335.1	1376.0	1417.1	1458.1	1499.1	1540.4	1485.3	1430.4	1375.6	1320.5	1265.5



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CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	1375.6	1396.4	1416.8	1437.7	1458.3	1479.0	1439.9	1400.7	1361.3	1322.3	1282.9
115°	1292.2	1298.8	1305.6	1312.5	1319.1	1325.9	1299.6	1273.3	1246.9	1220.5	1193.9
117.5°	1137.6	1137.0	1135.9	1135.3	1134.2	1133.3	1118.7	1104.2	1089.4	1074.7	1059.9
120°	981.5	976.3	971.1	966.0	960.7	955.4	949.5	943.6	937.2	931.1	924.8
122.5°	845.9	842.7	839.1	835.7	832.0	828.4	826.2	824.2	821.9	819.8	817.2
125°	739.4	739.6	739.8	740.1	740.1	740.3	739.2	738.3	737.2	736.4	735.2
127.5°	667.3	670.3	672.9	675.6	678.1	680.9	680.8	680.9	680.8	680.8	680.6
130°	623.5	628.4	632.8	637.2	641.3	646.2	645.5	645.3	644.9	644.4	644.0
132.5°	598.0	603.1	608.3	613.7	618.5	623.6	623.0	622.6	621.7	621.4	620.7
135°	581.5	586.5	591.1	596.4	600.9	605.8	604.8	604.1	603.1	602.5	601.6
137.5°	570.5	574.8	578.6	582.6	586.2	590.2	589.1	588.4	587.3	586.8	585.7
140°	562.8	566.2	569.1	572.4	575.4	578.6	577.2	576.1	574.8	573.7	572.4
142.5°	557.2	559.7	561.9	564.5	566.6	569.0	567.0	565.3	563.6	561.9	560.1
145°	555.2	557.0	558.5	560.1	561.2	563.0	560.8	558.8	556.4	554.5	552.2
147.5°	550.3	551.6	552.3	553.4	554.0	555.2	552.9	551.0	548.9	546.7	544.5
150°	544.3	545.5	546.2	547.0	547.8	548.7	546.4	544.3	541.8	539.6	537.5
152.5°	535.9	536.7	537.6	538.2	539.0	539.6	537.4	535.5	533.2	530.9	528.7
155°	530.3	531.1	531.4	532.1	532.2	532.7	530.7	529.2	527.3	525.5	523.5
157.5°	527.3	528.0	528.4	528.7	529.1	529.5	528.1	526.8	525.4	524.1	522.6
160°	526.0	526.5	526.9	527.3	527.8	528.0	526.8	525.9	524.7	523.4	522.0
162.5°	527.1	528.0	528.5	529.1	529.8	530.3	528.9	527.7	526.3	524.9	523.3
165°	528.1	528.6	529.1	529.5	529.7	530.2	529.3	528.4	527.3	526.6	525.5
167.5°	531.8	532.4	532.7	533.2	533.4	533.6	532.7	532.1	530.9	530.0	528.9
170°	533.6	534.1	534.9	535.3	535.8	536.1	535.5	534.9	533.9	533.2	532.2
172.5°	537.4	538.0	538.2	538.7	539.0	539.4	538.7	537.8	537.1	536.3	535.3
175°	537.1	537.2	537.6	537.6	537.6	537.7	537.1	536.4	535.8	535.1	534.4
177.5°	539.0	539.0	539.0	538.9	538.9	538.9	538.4	537.9	537.6	537.1	536.4
180°	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3



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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3	43163.3
2.5°	43434.4	43415.6	43403.4	43387.9	43378.4	43366.5	43357.7	43350.1	43344.1	43338.5	43334.3
5°	44045.2	43948.1	43872.8	43791.2	43724.2	43657.3	43605.8	43563.1	43533.7	43511.6	43498.4
7.5°	44822.9	44645.1	44487.1	44320.7	44171.6	44024.9	43898.5	43789.6	43707.9	43654.9	43622.7
10°	45517.2	45279.4	45044.0	44796.4	44561.6	44333.8	44123.6	43938.6	43792.3	43695.0	43638.3
12.5°	45828.6	45625.9	45385.6	45116.7	44828.9	44537.8	44254.0	43998.0	43783.1	43639.0	43555.9
15°	45554.4	45471.2	45308.2	45099.4	44826.3	44525.3	44192.0	43878.8	43590.8	43403.9	43295.6
17.5°	44662.5	44778.7	44766.2	44686.4	44490.1	44236.7	43897.1	43545.3	43184.9	42935.2	42798.8
20°	43157.5	43522.6	43707.9	43802.9	43725.8	43561.5	43254.0	42897.0	42476.9	42150.9	41951.9
22.5°	41042.6	41687.1	42088.8	42382.7	42445.0	42389.0	42117.6	41778.0	41309.7	40917.9	40623.9
25°	38320.0	39264.2	39899.0	40396.6	40589.9	40639.8	40408.8	40071.1	39549.2	39092.6	38689.0
27.5°	35113.1	36340.0	37187.6	37856.2	38158.1	38289.0	38076.4	37731.7	37114.2	36569.2	36042.0
30°	31502.8	32958.5	33978.9	34780.7	35148.6	35321.5	35095.6	34711.1	33992.5	33336.6	32672.4
32.5°	27638.6	29231.5	30343.4	31214.1	31578.7	31741.4	31445.9	31014.0	30183.5	29410.8	28636.3
35°	23592.8	25200.6	26322.0	27169.5	27475.1	27573.1	27195.3	26696.0	25775.8	24927.9	24083.2
37.5°	19464.6	20960.5	21979.7	22740.4	22929.4	22946.3	22491.0	21939.7	20972.5	20136.3	19295.6
40°	15372.2	16633.7	17456.5	18065.4	18130.9	18072.4	17577.5	17022.6	16117.7	15368.6	14630.6
42.5°	11517.3	12469.5	13056.6	13473.8	13449.0	13333.3	12879.5	12402.5	11656.1	11085.5	10504.7
45°	8214.7	8842.5	9185.8	9430.0	9351.6	9241.4	8888.2	8553.8	8046.5	7678.0	7287.7
47.5°	5706.9	6456.7	6326.2	6803.4	6392.2	6663.8	6098.2	5786.4	5517.1	5321.4	5100.8
50°	4085.6	4257.4	4340.4	4397.1	4367.0	4325.3	4223.6	4132.8	4009.8	3920.2	3815.7
52.5°	3155.2	3241.1	3288.1	3322.2	3315.5	3300.4	3256.0	3215.5	3157.9	3120.0	3074.2
55°	2672.6	2673.9	2760.4	2723.3	2778.2	2713.9	2739.1	2668.0	2679.5	2618.4	2577.2
57.5°	2220.9	2256.1	2271.9	2287.2	2282.9	2280.2	2263.1	2254.4	2235.1	2229.1	2215.4
60°	1953.6	1971.9	1975.7	1982.8	1976.9	1974.6	1961.2	1956.5	1943.4	1941.1	1932.0
62.5°	1770.2	1779.6	1779.6	1779.6	1772.0	1764.6	1749.7	1741.9	1730.9	1728.5	1723.2
65°	1617.2	1627.0	1628.6	1630.8	1625.2	1619.4	1606.3	1597.8	1586.4	1582.1	1576.0
67.5°	1459.4	1469.8	1473.3	1478.6	1475.4	1474.2	1465.3	1461.9	1454.4	1452.7	1447.0
70°	1335.4	1339.7	1339.4	1339.2	1332.3	1326.0	1315.6	1310.6	1302.8	1301.2	1296.1
72.5°	1261.6	1264.7	1262.8	1260.1	1250.9	1241.7	1229.5	1220.5	1210.3	1204.0	1196.7
75°	1157.8	1161.9	1159.2	1157.6	1149.4	1143.3	1133.5	1128.6	1121.4	1119.3	1114.3
77.5°	1030.4	1032.3	1028.1	1027.6	1021.4	1017.5	1010.2	1008.9	1003.7	1003.8	999.0
80°	888.5	887.3	880.6	879.4	873.1	871.6	865.8	866.1	861.9	863.6	860.3
82.5°	731.1	727.1	718.3	715.7	708.5	707.9	704.0	707.2	704.7	708.5	706.3
85°	523.9	525.0	521.2	521.2	519.1	519.8	519.4	521.8	522.1	525.6	525.5
87.5°	292.1	296.3	295.4	299.3	299.2	303.4	304.9	311.3	312.1	318.0	318.0
90°	127.7	132.3	128.6	133.2	131.7	137.7	137.2	143.2	142.1	147.0	144.5
92.5°	88.6	82.7	77.1	71.2	68.3	65.0	62.7	59.2	56.6	53.4	50.4
95°	111.2	101.5	91.6	81.8	78.4	74.9	71.6	68.2	64.9	61.6	58.2
97.5°	125.6	113.9	102.4	90.7	87.9	85.0	81.9	79.0	76.0	73.1	70.2
100°	170.9	149.2	127.7	105.9	103.5	101.0	98.6	96.1	93.6	91.0	88.6
102.5°	354.0	308.0	262.1	216.1	207.5	198.7	190.1	181.2	172.4	163.8	155.1
105°	668.5	593.9	519.6	445.0	421.4	397.7	374.1	350.4	326.7	303.1	279.5
107.5°	1015.4	939.8	864.4	788.7	745.2	701.5	657.7	613.9	570.4	526.5	482.7
110°	1210.5	1155.4	1100.2	1044.8	1010.0	974.8	939.5	904.3	869.1	833.8	798.5



TEST NUMBER: P1444848
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1243.6	1204.1	1164.7	1125.1	1109.3	1093.2	1077.4	1061.4	1045.5	1029.3	1013.4
115°	1167.4	1140.8	1114.2	1087.4	1082.1	1076.3	1070.9	1065.2	1059.6	1053.8	1048.0
117.5°	1045.2	1030.2	1015.3	1000.4	1001.3	1002.4	1003.6	1004.4	1005.2	1005.8	1006.7
120°	918.6	912.3	906.2	899.8	904.9	909.7	914.8	919.4	924.1	928.6	933.2
122.5°	815.1	812.6	810.4	807.7	814.0	819.9	825.8	831.6	837.4	842.7	848.2
125°	734.3	733.1	732.1	730.7	736.9	743.0	748.9	754.6	760.4	765.8	771.3
127.5°	680.6	680.5	680.5	680.1	684.8	688.9	693.2	697.1	701.3	704.9	708.6
130°	643.5	642.9	642.6	642.0	646.1	650.0	654.1	657.6	661.4	664.4	667.7
132.5°	620.1	619.4	618.8	618.1	621.2	623.9	627.0	629.2	631.9	633.9	636.1
135°	600.9	599.8	599.1	598.0	600.9	603.6	606.3	608.6	611.0	612.7	614.8
137.5°	585.0	584.0	583.1	582.0	584.7	587.1	589.4	591.4	593.6	595.4	596.9
140°	571.5	570.0	569.0	567.6	569.9	572.0	574.2	575.9	578.0	579.3	580.8
142.5°	558.3	556.3	555.0	552.8	554.6	556.1	557.7	559.0	560.4	561.4	562.3
145°	550.0	547.6	545.8	543.5	544.7	545.9	547.2	548.5	549.2	549.9	550.8
147.5°	542.6	540.3	538.1	535.9	537.2	537.9	538.7	539.2	540.3	540.7	541.1
150°	535.1	532.6	530.3	527.9	528.7	529.4	529.8	530.7	531.2	531.6	532.0
152.5°	526.5	524.2	521.9	519.5	520.0	520.5	520.9	521.3	521.7	522.0	522.2
155°	521.7	519.7	517.7	515.5	516.1	516.4	516.6	516.9	517.1	517.2	517.2
157.5°	521.0	519.1	517.9	515.9	515.9	516.1	516.1	515.8	515.8	515.6	515.3
160°	520.9	519.4	518.0	516.6	516.4	516.4	516.4	515.9	515.9	515.5	515.2
162.5°	521.7	520.2	518.5	516.8	516.6	516.7	516.6	516.2	516.1	515.8	515.5
165°	524.5	523.3	522.2	520.7	520.5	520.2	520.0	519.4	519.1	518.5	518.0
167.5°	527.8	526.7	525.4	524.0	524.0	524.1	524.0	523.8	523.6	523.2	523.1
170°	531.4	530.4	529.5	528.4	528.1	528.0	527.6	527.3	526.8	526.5	526.0
172.5°	534.3	533.4	532.3	531.1	531.1	530.9	530.7	530.5	530.0	529.7	529.5
175°	533.6	532.9	531.9	531.2	531.1	530.9	530.8	530.6	530.3	530.1	529.8
177.5°	536.0	535.6	534.8	534.3	534.2	534.2	534.0	533.8	533.8	533.7	533.6
180°	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3	536.3



TEST NUMBER: P1444848
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	43163.3	43163.3
2.5°	43330.5	43328.2
5°	43491.5	43489.0
7.5°	43614.1	43613.3
10°	43628.5	43636.0
12.5°	43541.5	43547.5
15°	43287.3	43299.2
17.5°	42801.3	42816.8
20°	41964.0	41980.2
22.5°	40608.1	40614.9
25°	38636.8	38608.9
27.5°	35949.4	35901.2
30°	32533.0	32486.4
32.5°	28459.6	28430.6
35°	23874.4	23856.1
37.5°	19047.1	19009.7
40°	14360.7	14251.6
42.5°	10250.3	10058.8
45°	7083.9	6856.9
47.5°	4945.3	4805.0
50°	3748.4	3703.1
52.5°	3054.3	3043.7
55°	2577.1	2572.5
57.5°	2218.4	2216.9
60°	1936.7	1936.2
62.5°	1726.7	1727.5
65°	1578.8	1579.0
67.5°	1448.5	1447.6
70°	1298.0	1296.9
72.5°	1194.4	1192.6
75°	1114.3	1113.2
77.5°	1000.4	998.7
80°	862.5	860.3
82.5°	709.4	706.9
85°	529.2	529.4
87.5°	323.7	323.7
90°	149.2	145.9
92.5°	47.9	45.3
95°	54.9	51.5
97.5°	67.4	64.5
100°	86.1	83.7
102.5°	146.4	137.7
105°	255.8	232.2
107.5°	439.0	395.3
110°	763.3	728.1



TEST NUMBER: P1444848
CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	997.1	981.1
115°	1041.9	1036.1
117.5°	1007.2	1007.8
120°	937.3	941.8
122.5°	853.2	858.4
125°	776.4	781.6
127.5°	712.0	715.1
130°	670.1	673.2
132.5°	637.7	639.3
135°	616.1	617.5
137.5°	598.0	599.2
140°	581.6	582.7
142.5°	563.0	563.6
145°	551.3	551.6
147.5°	540.9	541.2
150°	532.0	532.1
152.5°	522.0	522.2
155°	517.1	517.1
157.5°	514.8	514.5
160°	514.6	514.4
162.5°	514.9	514.6
165°	517.2	516.5
167.5°	522.6	522.5
170°	525.5	525.3
172.5°	529.1	528.7
175°	529.6	529.5
177.5°	533.6	533.2
180°	536.3	536.3

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-7

Test Date: 08/04/2025

Luminaire Tested: EHBR-60-L940-N

Data in this report applies to families of products including EHBR-60-L940-N

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-472-7
 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-L940-N**
 Description: Elevate Round Highbay at, 60000 lumens, 4000K 90CRI LEDs with N lens

Spectral Parameters

CCT (K): 3963
 CIE u': 0.2267
 CIE v': 0.5003
 Duv: -0.0016
 CIE x: 0.3810
 CIE y: 0.3738
 CIE z: 0.2453
 Peak Wavelength (nm): 630
 Dominant Wavelength (nm): 580
 Purity: 26.49712
 Rf: 90.7
 Rg: 101

CRI (Ra):	93.4		
R1:	95.2	R9:	66.4
R2:	95.1	R10:	86.6
R3:	93.3	R11:	94.4
R4:	94.5	R12:	75.4
R5:	94.2	R13:	95.0
R6:	92.9	R14:	95.4
R7:	94.0	R15:	92.8
R8:	87.7		



Test Conditions

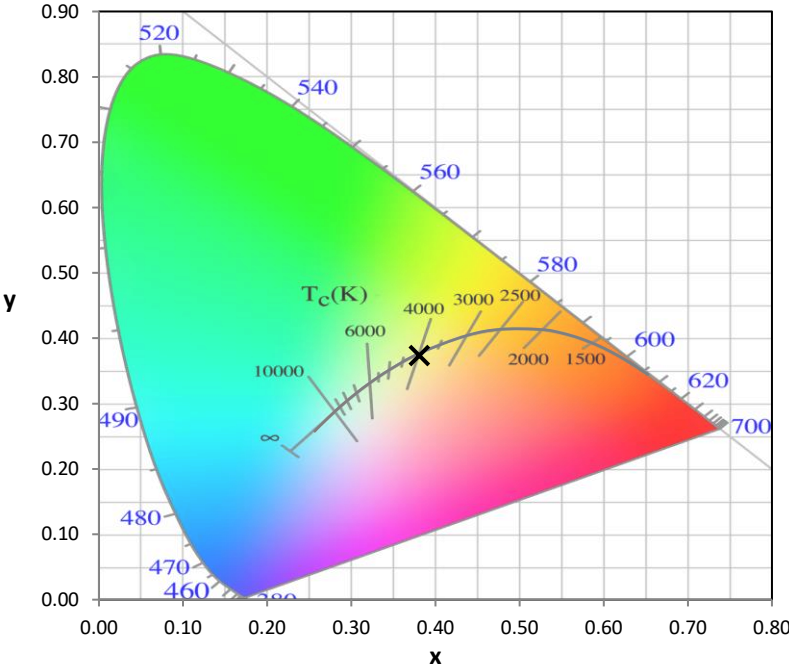
Stabilization Time: 44M
 Operation Time: 1H 44M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2506-472-7

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: SP1-2506-472-7

CIE 1931 Chromaticity Diagram



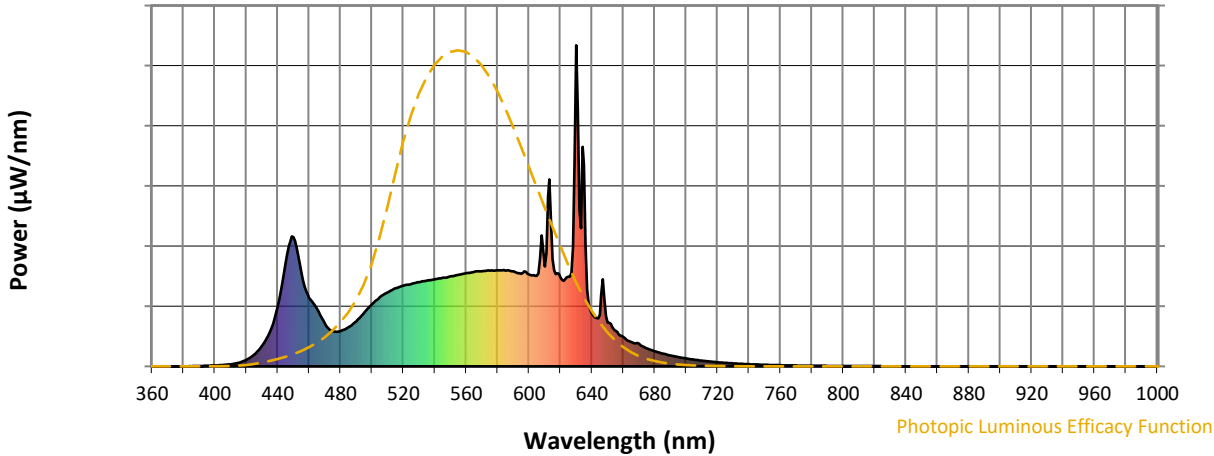
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-7

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	141	NR	620	276	NR	750	5	NR	880	0	NR
365	0	NR	495	167	NR	625	279	NR	755	4	NR	885	0	NR
370	0	NR	500	193	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	215	NR	635	628	NR	765	3	NR	895	0	NR
380	0	NR	510	230	NR	640	164	NR	770	3	NR	900	0	NR
385	0	NR	515	243	NR	645	161	NR	775	2	NR	905	0	NR
390	1	NR	520	251	NR	650	137	NR	780	2	NR	910	0	NR
395	2	NR	525	256	NR	655	111	NR	785	2	NR	915	0	NR
400	3	NR	530	262	NR	660	92	NR	790	1	NR	920	0	NR
405	4	NR	535	267	NR	665	76	NR	795	1	NR	925	0	NR
410	6	NR	540	271	NR	670	71	NR	800	1	NR	930	0	NR
415	11	NR	545	276	NR	675	56	NR	805	1	NR	935	0	NR
420	20	NR	550	280	NR	680	47	NR	810	1	NR	940	0	NR
425	37	NR	555	285	NR	685	40	NR	815	1	NR	945	0	NR
430	63	NR	560	290	NR	690	34	NR	820	1	NR	950	0	NR
435	108	NR	565	294	NR	695	29	NR	825	1	NR	955	0	NR
440	186	NR	570	296	NR	700	25	NR	830	0	NR	960	0	NR
445	323	NR	575	298	NR	705	21	NR	835	0	NR	965	0	NR
450	403	NR	580	299	NR	710	18	NR	840	0	NR	970	0	NR
455	293	NR	585	298	NR	715	15	NR	845	0	NR	975	0	NR
460	214	NR	590	296	NR	720	13	NR	850	0	NR	980	0	NR
465	180	NR	595	288	NR	725	11	NR	855	0	NR	985	0	NR
470	132	NR	600	286	NR	730	9	NR	860	0	NR	990	0	NR
475	109	NR	605	282	NR	735	8	NR	865	0	NR	995	0	NR
480	110	NR	610	311	NR	740	7	NR	870	0	NR	1000	0	NR
485	121	NR	615	334	NR	745	6	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-7

Scotopic Flux vs. Wavelength



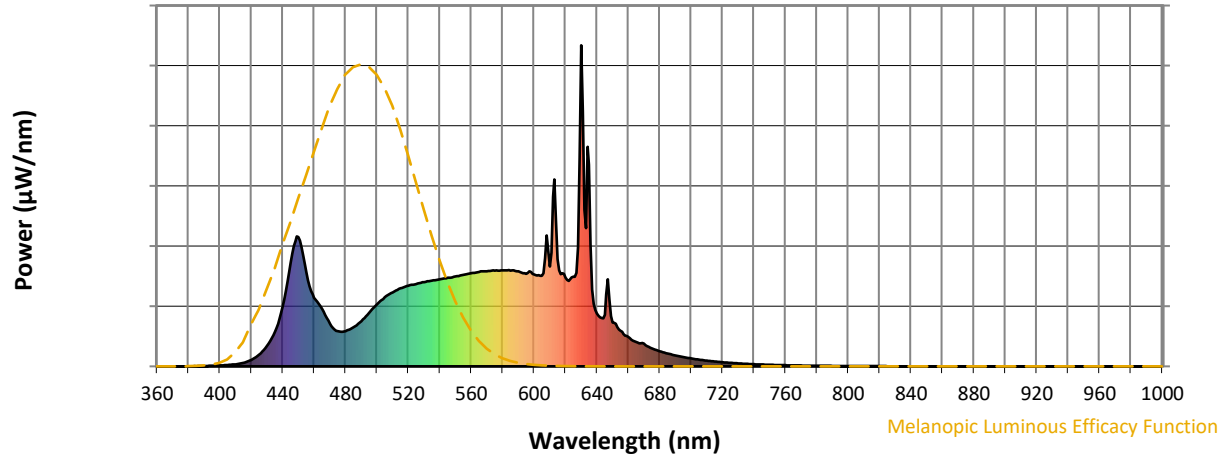
Scotopic Lumens: NR

S/P: 1.76

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	141	NR	620	276	NR	750	5	NR	880	0	NR
365	0	NR	495	167	NR	625	279	NR	755	4	NR	885	0	NR
370	0	NR	500	193	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	215	NR	635	628	NR	765	3	NR	895	0	NR
380	0	NR	510	230	NR	640	164	NR	770	3	NR	900	0	NR
385	0	NR	515	243	NR	645	161	NR	775	2	NR	905	0	NR
390	1	NR	520	251	NR	650	137	NR	780	2	NR	910	0	NR
395	2	NR	525	256	NR	655	111	NR	785	2	NR	915	0	NR
400	3	NR	530	262	NR	660	92	NR	790	1	NR	920	0	NR
405	4	NR	535	267	NR	665	76	NR	795	1	NR	925	0	NR
410	6	NR	540	271	NR	670	71	NR	800	1	NR	930	0	NR
415	11	NR	545	276	NR	675	56	NR	805	1	NR	935	0	NR
420	20	NR	550	280	NR	680	47	NR	810	1	NR	940	0	NR
425	37	NR	555	285	NR	685	40	NR	815	1	NR	945	0	NR
430	63	NR	560	290	NR	690	34	NR	820	1	NR	950	0	NR
435	108	NR	565	294	NR	695	29	NR	825	1	NR	955	0	NR
440	186	NR	570	296	NR	700	25	NR	830	0	NR	960	0	NR
445	323	NR	575	298	NR	705	21	NR	835	0	NR	965	0	NR
450	403	NR	580	299	NR	710	18	NR	840	0	NR	970	0	NR
455	293	NR	585	298	NR	715	15	NR	845	0	NR	975	0	NR
460	214	NR	590	296	NR	720	13	NR	850	0	NR	980	0	NR
465	180	NR	595	288	NR	725	11	NR	855	0	NR	985	0	NR
470	132	NR	600	286	NR	730	9	NR	860	0	NR	990	0	NR
475	109	NR	605	282	NR	735	8	NR	865	0	NR	995	0	NR
480	110	NR	610	311	NR	740	7	NR	870	0	NR	1000	0	NR
485	121	NR	615	334	NR	745	6	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-7

Melanopic Flux vs. Wavelength



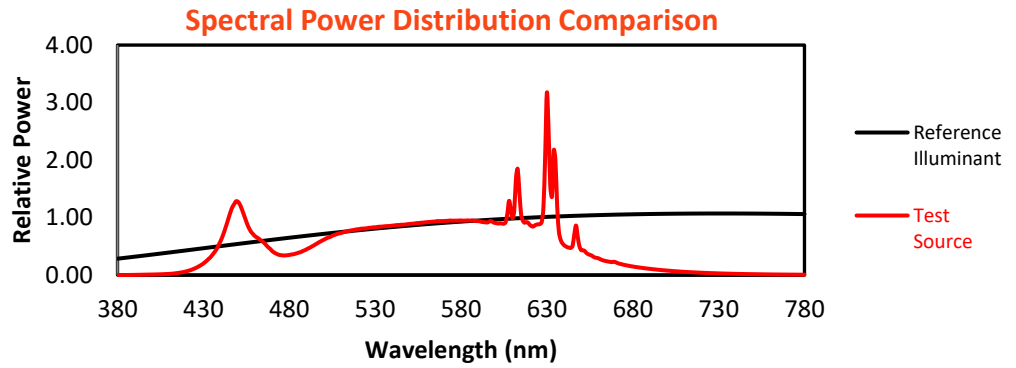
Melanopic Lumens: NR

M/P: 3.64

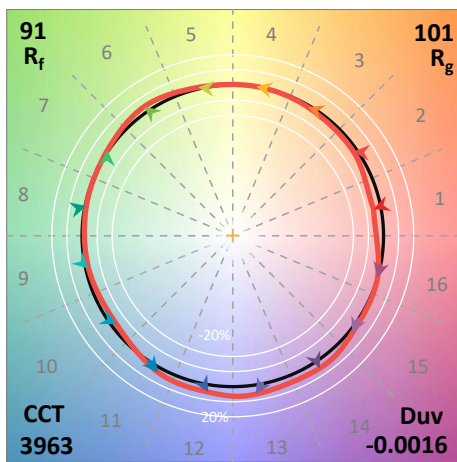
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	141	NR	620	276	NR	750	5	NR	880	0	NR
365	0	NR	495	167	NR	625	279	NR	755	4	NR	885	0	NR
370	0	NR	500	193	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	215	NR	635	628	NR	765	3	NR	895	0	NR
380	0	NR	510	230	NR	640	164	NR	770	3	NR	900	0	NR
385	0	NR	515	243	NR	645	161	NR	775	2	NR	905	0	NR
390	1	NR	520	251	NR	650	137	NR	780	2	NR	910	0	NR
395	2	NR	525	256	NR	655	111	NR	785	2	NR	915	0	NR
400	3	NR	530	262	NR	660	92	NR	790	1	NR	920	0	NR
405	4	NR	535	267	NR	665	76	NR	795	1	NR	925	0	NR
410	6	NR	540	271	NR	670	71	NR	800	1	NR	930	0	NR
415	11	NR	545	276	NR	675	56	NR	805	1	NR	935	0	NR
420	20	NR	550	280	NR	680	47	NR	810	1	NR	940	0	NR
425	37	NR	555	285	NR	685	40	NR	815	1	NR	945	0	NR
430	63	NR	560	290	NR	690	34	NR	820	1	NR	950	0	NR
435	108	NR	565	294	NR	695	29	NR	825	1	NR	955	0	NR
440	186	NR	570	296	NR	700	25	NR	830	0	NR	960	0	NR
445	323	NR	575	298	NR	705	21	NR	835	0	NR	965	0	NR
450	403	NR	580	299	NR	710	18	NR	840	0	NR	970	0	NR
455	293	NR	585	298	NR	715	15	NR	845	0	NR	975	0	NR
460	214	NR	590	296	NR	720	13	NR	850	0	NR	980	0	NR
465	180	NR	595	288	NR	725	11	NR	855	0	NR	985	0	NR
470	132	NR	600	286	NR	730	9	NR	860	0	NR	990	0	NR
475	109	NR	605	282	NR	735	8	NR	865	0	NR	995	0	NR
480	110	NR	610	311	NR	740	7	NR	870	0	NR	1000	0	NR
485	121	NR	615	334	NR	745	6	NR	875	0	NR			

Summary

$R_f = 90.7$
 $R_g = 101$
 $CIE R_a = 93.4$
 $R_9 = 66.4$

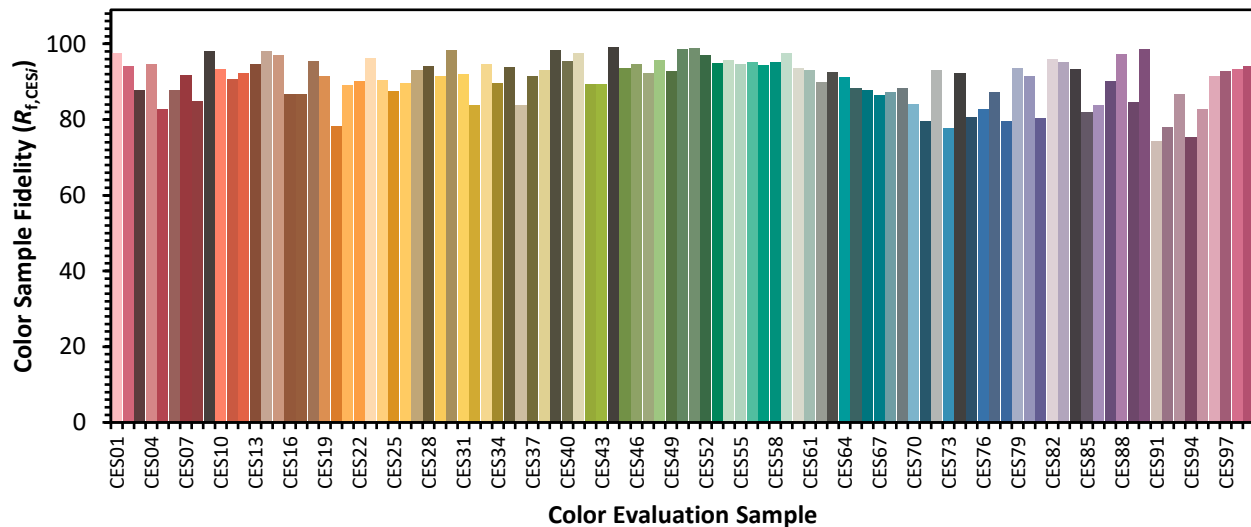


Color Vector Graphics

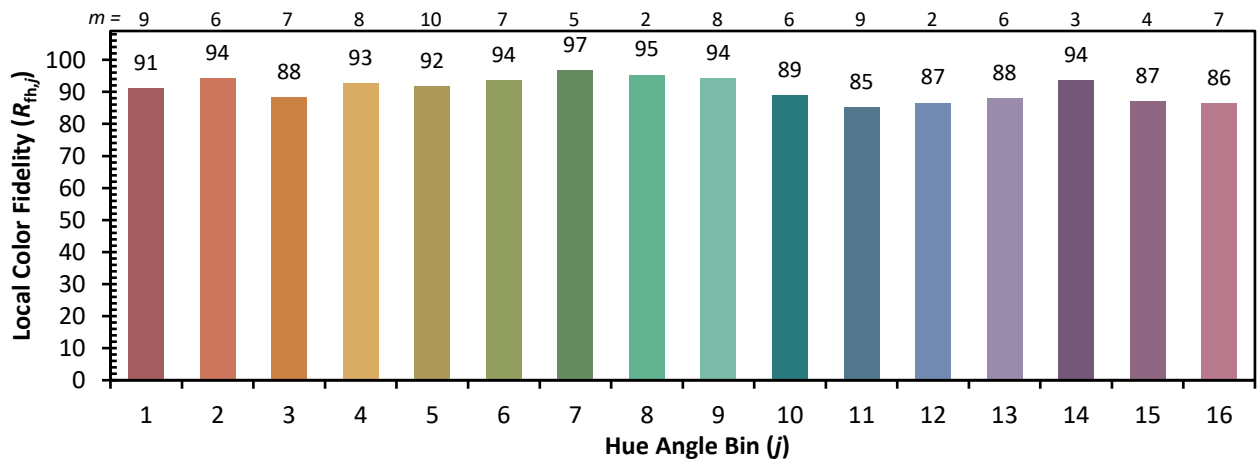
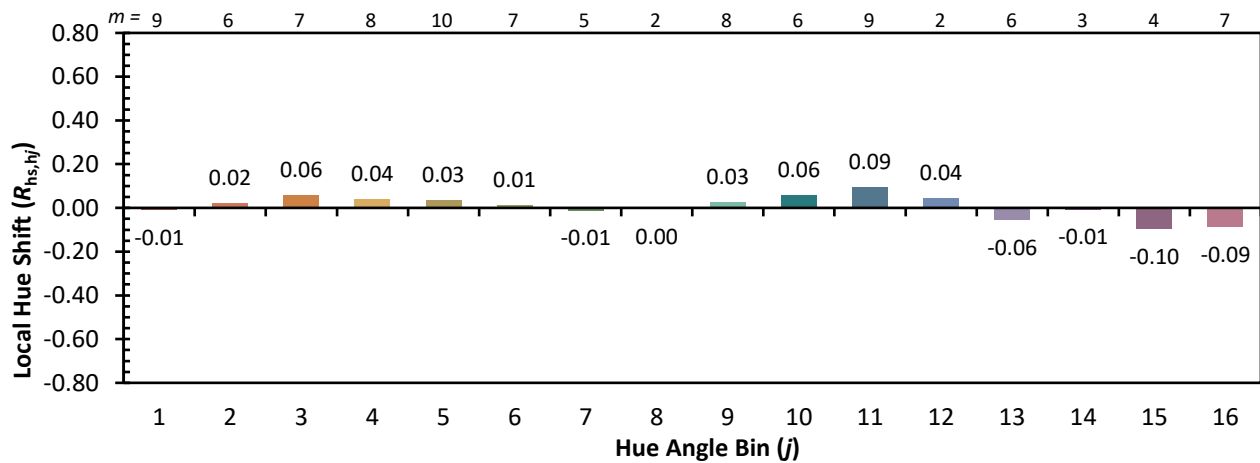
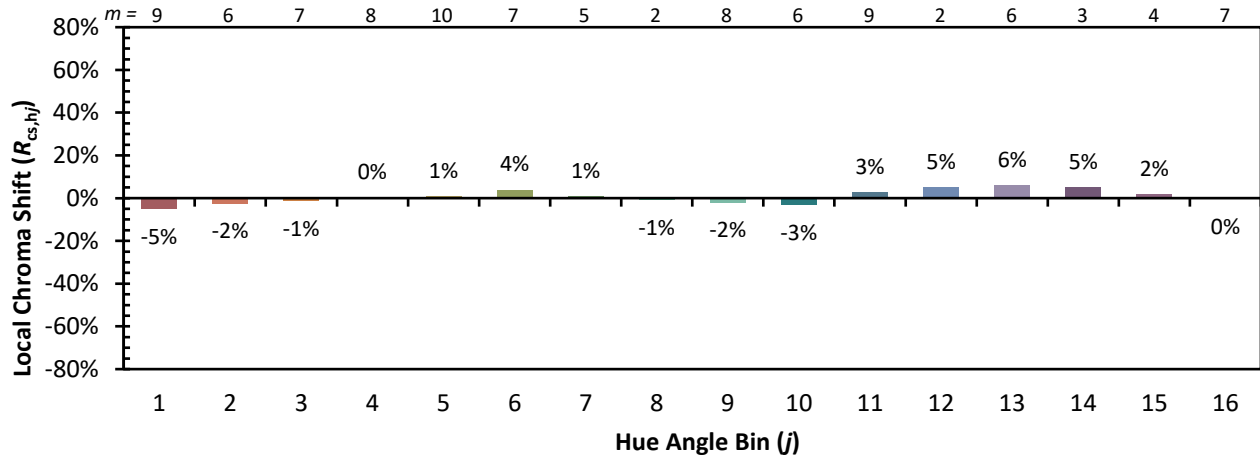


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 90	CES51 = 99	CES76 = 83
CES02 = 62	CES27 = 93	CES52 = 97	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 95	CES78 = 79
CES04 = 69	CES29 = 91	CES54 = 96	CES79 = 94
CES05 = 49	CES30 = 98	CES55 = 95	CES80 = 91
CES06 = 50	CES31 = 92	CES56 = 95	CES81 = 80
CES07 = 42	CES32 = 84	CES57 = 94	CES82 = 96
CES08 = 41	CES33 = 95	CES58 = 95	CES83 = 95
CES09 = 29	CES34 = 90	CES59 = 98	CES84 = 93
CES10 = 74	CES35 = 94	CES60 = 93	CES85 = 82
CES11 = 57	CES36 = 84	CES61 = 93	CES86 = 84
CES12 = 63	CES37 = 92	CES62 = 90	CES87 = 90
CES13 = 43	CES38 = 93	CES63 = 92	CES88 = 97
CES14 = 74	CES39 = 98	CES64 = 91	CES89 = 84
CES15 = 71	CES40 = 96	CES65 = 88	CES90 = 99
CES16 = 47	CES41 = 98	CES66 = 88	CES91 = 74
CES17 = 49	CES42 = 89	CES67 = 87	CES92 = 78
CES18 = 56	CES43 = 89	CES68 = 87	CES93 = 87
CES19 = 71	CES44 = 99	CES69 = 88	CES94 = 75
CES20 = 66	CES45 = 93	CES70 = 84	CES95 = 83
CES21 = 85	CES46 = 95	CES71 = 80	CES96 = 91
CES22 = 78	CES47 = 92	CES72 = 93	CES97 = 93
CES23 = 91	CES48 = 96	CES73 = 78	CES98 = 93
CES24 = 90	CES49 = 93	CES74 = 92	CES99 = 94
CES25 = 71	CES50 = 99	CES75 = 81	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)