

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: P1444840

Luminaire Tested: EHBR1-48-UNV-TA-L940-UPL40

Issue Date: 5/1/2026

**Test Information**

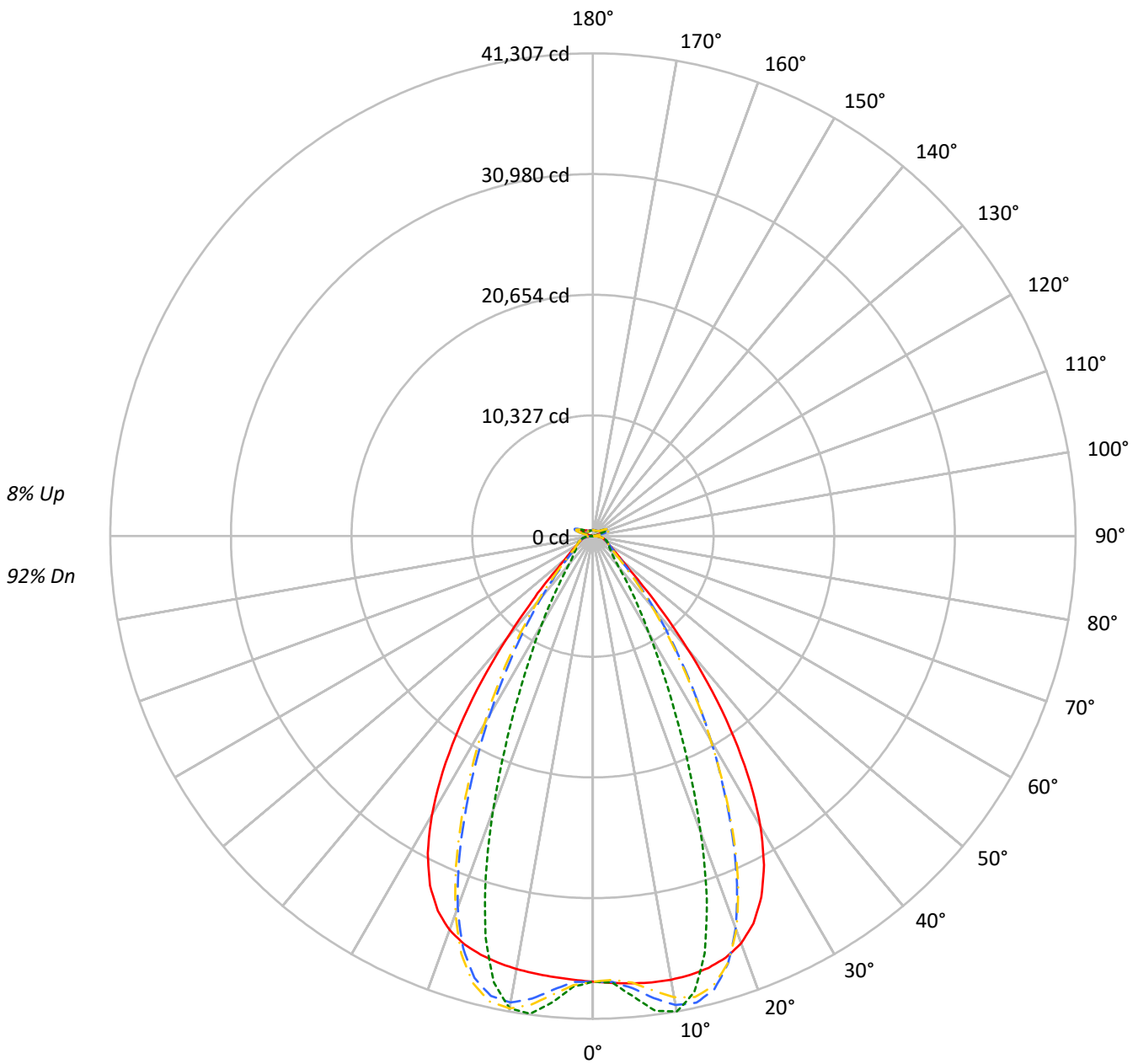
Test Method: LM-79-2019  
Report Number: P1444840  
REPORT IS A COMBINATION OF REPORTS P1444360 AND P1431635  
Test Lab: INNOVATION CENTER  
Issue Date: 5/1/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: EHBR1-48-UNV-TA-L940-UPL40  
Description: Elevate Round Highbay at, 48000 lumens, 4000K 90CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 47759.0 lumens  
Efficiency: N/A  
Efficacy: 165.1 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): 289.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

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### Luminous Intensity Polar Plot



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



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	117	117	117	117	113	113	113	113	107	107	107	100	100	100	95	95	95	95	95	95	92
1	110	106	103	101	107	103	101	98	98	96	94	93	91	89	88	87	85	85	85	85	83
2	103	97	92	88	100	95	90	87	90	86	83	86	83	80	82	80	78	78	78	78	75
3	97	89	83	79	94	87	82	77	83	79	75	80	76	73	76	73	71	71	71	71	69
4	91	82	76	71	88	80	74	70	77	72	68	74	70	66	71	68	65	65	65	65	63
5	86	76	69	64	83	75	68	64	72	66	62	69	65	61	67	63	60	60	60	60	58
6	81	71	64	59	79	69	63	58	67	61	57	65	60	56	63	58	55	55	55	55	54
7	76	66	59	54	74	65	58	54	63	57	53	61	56	52	59	55	51	51	51	51	50
8	72	62	55	50	70	61	54	50	59	53	49	57	52	49	55	51	48	48	48	48	46
9	68	58	51	47	67	57	51	47	55	50	46	54	49	45	52	48	45	45	45	45	43
10	65	54	48	44	63	54	48	43	52	47	43	51	46	42	50	45	42	42	42	42	40

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

	0°	90°	180°	270°
0°	179062	179062	179062	179062
5°	179929	185175	177411	187601
10°	181431	194420	177080	193134
15°	182321	176240	176770	169144
20°	180436	131293	174531	121477
25°	170789	83035	165145	75339
30°	149197	49898	143419	45602
35°	114823	31311	108218	27736
40°	72636	19641	66456	18456
45°	37438	15301	36817	15049
50°	21950	13610	21276	13398
55°	16816	12876	16194	12761
60°	14229	13154	13622	12983
65°	13365	13737	12852	13268
70°	13056	14384	12405	13842
75°	13960	15255	13205	14579
80°	14445	16891	13097	15420
85°	13605	16299	10995	13954

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 25°  
 Vertical Angle: 45°  
 Luminance: 57294 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	3757.8	7.9
10°-20°	10571.0	22.1
20°-30°	12039.6	25.2
30°-40°	8653.5	18.1
40°-50°	3991.0	8.4
50°-60°	1909.9	4.0
60°-70°	1393.5	2.9
70°-80°	1058.7	2.2
80°-90°	487.9	1.0
90°-100°	110.7	0.2
100°-110°	641.2	1.3
110°-120°	1184.7	2.5
120°-130°	723.5	1.5
130°-140°	463.5	1.0
140°-150°	342.5	0.7
150°-160°	237.9	0.5
160°-170°	143.1	0.3
170°-180°	48.9	0.1
0°-30°	26368.4	55.2
0°-40°	35022.0	73.3
0°-60°	40922.8	85.7
0°-90°	43862.9	91.8
90°-120°	1936.6	4.1
90°-150°	3466.2	7.3
90°-180°	3896.0	8.2
0°-180°	47759.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	38130	38130	38130	38130	38130	
5°	38418	39538	37880	40056	38418	3671
15°	38250	36974	37086	35486	38250	10777
25°	34106	16582	32979	15045	34106	15461
35°	21074	5747	19862	5090	21074	12934
45°	6057	2476	5957	2435	6057	5152
55°	2272	1740	2188	1724	2272	2098
65°	1395	1434	1342	1385	1395	1393
75°	983	1075	930	1027	983	1023
85°	468	560	378	480	468	439
90°	132	166	42	50	132	81
95°	51	56	51	57	51	48
105°	231	298	155	298	231	306
115°	1033	1253	1082	1254	1033	954
125°	775	814	878	816	775	706
135°	607	540	654	544	607	474
145°	538	523	573	529	538	340
155°	501	504	534	508	501	233
165°	498	498	517	501	498	142
175°	509	514	518	515	509	49
180°	516	516	516	516	516	



TEST NUMBER: P1444840  
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**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9
2.5°	38275.6	38272.5	38271.9	38269.3	38268.6	38268.6	38267.2	38264.2	38262.2	38257.8	38252.9
5°	38417.6	38415.9	38417.0	38417.2	38414.5	38408.6	38399.3	38387.8	38373.4	38359.9	38347.6
7.5°	38527.5	38530.2	38533.5	38532.8	38524.5	38510.5	38491.4	38480.7	38487.0	38507.8	38555.3
10°	38547.5	38563.9	38570.2	38568.3	38551.6	38539.6	38544.2	38584.7	38665.1	38772.3	38919.0
12.5°	38469.3	38489.4	38488.7	38482.1	38466.0	38482.4	38540.9	38661.1	38833.5	39045.1	39293.2
15°	38249.9	38275.9	38268.6	38259.9	38249.2	38303.0	38419.9	38628.7	38895.0	39193.3	39498.7
17.5°	37823.8	37855.2	37839.9	37830.2	37821.2	37922.1	38122.8	38428.6	38764.0	39101.4	39390.9
20°	37084.8	37105.9	37069.5	37052.4	37066.8	37264.5	37560.3	37950.9	38304.3	38623.4	38821.2
22.5°	35878.6	35904.8	35836.5	35828.6	35912.9	36216.5	36590.8	37027.4	37359.5	37612.4	37688.6
25°	34106.5	34132.3	34051.2	34099.6	34242.9	34656.6	35102.3	35569.3	35852.6	36040.1	35988.3
27.5°	31714.7	31738.2	31661.2	31760.2	31986.7	32530.2	33054.8	33561.4	33813.9	33945.2	33778.9
30°	28698.0	28746.8	28655.9	28794.0	29139.8	29845.4	30446.4	31014.5	31266.3	31366.2	31107.3
32.5°	25115.2	25184.5	25084.4	25289.8	25772.3	26619.9	27302.6	27937.3	28215.9	28329.9	28037.6
35°	21074.2	21173.6	21058.7	21367.1	21962.1	22906.0	23662.0	24370.7	24700.5	24862.3	24567.6
37.5°	16792.9	16887.8	16825.5	17236.9	17890.4	18868.7	19640.4	20404.9	20777.4	21020.1	20787.7
40°	12589.7	12676.4	12723.5	13194.0	13808.5	14730.6	15471.7	16228.2	16645.0	16949.5	16806.2
42.5°	8885.8	8973.3	9133.3	9587.2	10099.7	10863.0	11497.9	12177.1	12575.1	12900.0	12844.8
45°	6057.3	6158.9	6359.2	6731.0	7101.6	7649.2	8115.4	8643.6	8968.8	9266.4	9269.9
47.5°	4244.7	4316.0	4495.1	4748.9	4990.5	5676.1	5704.2	5963.7	6182.3	6404.8	6433.6
50°	3271.3	3314.2	3409.2	3550.7	3687.5	3865.5	4028.4	4216.5	4351.1	4473.0	4502.1
52.5°	2688.8	2716.0	2764.4	2841.0	2920.4	3017.2	3104.4	3207.7	3280.9	3346.2	3359.9
55°	2272.5	2295.1	2367.0	2381.6	2472.4	2489.9	2528.7	2591.6	2634.1	2673.3	2683.0
57.5°	1958.3	1974.7	1990.0	2022.6	2050.6	2091.3	2124.1	2169.2	2196.0	2224.3	2226.7
60°	1710.5	1722.3	1733.2	1755.9	1774.9	1803.2	1825.7	1856.4	1875.7	1896.8	1899.3
62.5°	1526.0	1534.5	1541.8	1556.7	1570.3	1592.1	1610.0	1635.6	1653.5	1669.9	1673.6
65°	1395.0	1401.1	1405.8	1417.1	1429.0	1447.5	1463.7	1484.7	1497.8	1510.4	1513.1
67.5°	1278.8	1284.6	1289.5	1299.8	1308.0	1321.8	1332.7	1348.5	1358.3	1368.3	1368.6
70°	1145.6	1151.1	1154.8	1164.5	1171.1	1182.9	1191.7	1205.8	1216.0	1227.2	1230.0
72.5°	1053.5	1056.8	1061.7	1070.5	1079.7	1092.4	1104.1	1118.8	1131.1	1142.7	1147.6
75°	983.4	987.3	990.4	998.0	1004.3	1015.0	1023.8	1037.2	1048.0	1060.4	1066.5
77.5°	882.3	886.6	889.4	896.9	902.4	912.7	919.3	931.3	940.0	951.3	956.8
80°	759.9	764.0	766.1	773.2	777.6	787.0	793.3	804.9	812.3	823.6	830.2
82.5°	624.5	628.4	629.5	636.2	638.6	646.4	651.0	662.9	671.9	686.6	696.8
85°	467.6	469.0	471.3	469.5	479.1	479.6	490.3	492.4	506.4	510.2	526.3
87.5°	285.9	290.1	292.3	298.8	301.6	308.1	310.1	316.9	320.8	328.7	332.4
90°	131.9	139.2	142.1	150.6	153.3	160.9	163.3	171.8	174.7	183.3	187.8
92.5°	44.4	47.3	50.1	53.5	56.4	60.1	63.4	66.7	69.7	73.3	79.3
95°	50.7	54.0	57.4	60.7	64.1	67.4	70.7	74.1	77.4	80.8	90.4
97.5°	63.5	66.4	69.3	72.2	75.1	78.1	81.0	83.8	86.7	89.4	101.1
100°	82.5	85.0	87.5	89.9	92.3	94.8	97.3	99.7	102.2	104.6	126.1
102.5°	136.4	145.1	153.8	162.5	171.1	179.8	188.6	197.1	205.9	214.6	260.2
105°	230.6	254.1	277.9	301.3	325.0	348.6	372.3	395.6	419.2	442.8	517.3
107.5°	393.4	437.0	480.7	524.5	568.2	611.7	655.4	699.1	742.6	786.0	861.7
110°	725.8	760.8	796.0	831.1	866.2	901.4	936.5	971.3	1006.5	1041.5	1096.7



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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°	978.4	994.2	1010.1	1026.0	1041.9	1057.6	1073.4	1089.2	1105.2	1120.8	1160.2
115°	1032.7	1038.2	1044.0	1049.3	1055.0	1060.4	1065.9	1071.3	1076.9	1082.1	1108.8
117.5°	1003.8	1002.7	1001.7	1000.7	999.5	998.4	997.3	996.0	994.8	993.6	1008.6
120°	937.1	932.1	927.4	922.1	917.3	912.2	907.2	902.1	896.9	891.6	898.1
122.5°	852.9	847.0	841.4	835.1	829.3	823.0	817.1	810.5	804.7	798.4	800.7
125°	775.1	769.2	763.5	757.3	751.0	744.9	738.6	732.4	726.1	719.6	720.8
127.5°	707.9	703.8	699.5	695.0	690.6	686.0	681.5	676.7	672.3	667.3	667.6
130°	664.9	661.2	657.4	653.3	649.4	645.0	640.8	636.4	632.3	627.7	628.2
132.5°	630.1	627.5	624.8	621.8	618.8	615.4	612.4	608.7	605.7	602.4	602.9
135°	607.3	604.7	602.4	599.5	596.7	593.6	590.5	587.2	584.2	580.9	581.8
137.5°	588.1	585.8	583.6	581.0	578.4	575.2	572.5	569.5	566.6	563.5	564.3
140°	570.6	568.7	566.4	563.9	561.7	559.0	556.3	553.6	550.8	547.9	549.0
142.5°	550.8	549.0	547.4	545.4	543.6	541.2	539.1	536.6	534.5	532.1	533.6
145°	538.1	536.7	535.4	533.6	531.9	529.8	528.0	525.7	524.0	521.8	523.5
147.5°	527.0	525.8	524.8	523.5	522.1	520.2	518.6	516.9	515.3	513.5	515.3
150°	517.3	516.3	515.3	514.1	512.6	511.0	509.4	507.9	506.3	504.6	506.3
152.5°	506.9	505.8	504.9	503.6	502.3	500.6	499.5	497.8	496.3	494.7	496.2
155°	501.2	500.1	498.9	497.9	496.5	495.1	493.6	492.3	490.9	489.3	490.5
157.5°	498.1	497.0	496.2	495.0	494.1	492.9	491.8	490.7	489.6	488.5	489.2
160°	497.2	496.3	495.4	494.3	493.3	492.0	491.1	490.0	489.1	487.9	488.6
162.5°	496.8	495.7	494.7	493.7	492.7	491.5	490.6	489.7	488.6	487.5	488.4
165°	498.0	497.4	496.8	496.0	495.3	494.6	493.9	493.0	492.4	491.4	492.0
167.5°	503.2	502.3	501.6	500.8	499.7	499.0	498.0	497.1	496.4	495.4	495.9
170°	505.4	504.7	504.3	503.8	503.3	502.7	502.3	501.7	501.1	500.6	501.1
172.5°	508.5	507.9	507.7	507.4	506.8	506.5	506.1	505.7	505.4	504.9	505.6
175°	509.0	508.5	508.4	508.1	507.8	507.6	507.4	507.1	507.1	506.7	507.1
177.5°	512.5	512.3	512.3	512.2	512.2	512.0	511.9	511.7	511.5	511.5	511.8
180°	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5



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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9
2.5°	38249.2	38244.5	38238.2	38230.1	38223.2	38215.2	38196.1	38190.4	38196.7	38201.0	38209.8
5°	38340.0	38342.7	38343.7	38361.1	38376.1	38413.5	38706.9	38823.4	38913.6	38970.9	39057.7
7.5°	38614.1	38702.2	38789.4	38906.7	39007.9	39144.6	39657.8	39876.3	40031.6	40143.2	40280.5
10°	39078.4	39270.9	39451.4	39662.8	39844.5	40052.7	40530.4	40743.3	40877.6	40975.4	41066.8
12.5°	39546.2	39813.1	40054.3	40289.7	40486.3	40666.8	40834.8	40909.3	40915.6	40918.7	40870.3
15°	39789.8	40045.0	40257.5	40413.1	40528.7	40579.9	40290.6	40138.8	39947.1	39789.1	39529.2
17.5°	39636.0	39789.1	39881.0	39871.9	39824.1	39664.2	38844.9	38394.1	37946.8	37543.6	37014.9
20°	38952.5	38940.7	38860.9	38634.7	38362.1	37938.2	36533.5	35723.0	34939.5	34251.3	33416.4
22.5°	37680.8	37480.8	37201.7	36713.9	36172.0	35431.4	33418.4	32226.3	31135.4	30171.8	29092.3
25°	35838.3	35426.6	34912.0	34137.6	33295.4	32215.2	29734.2	28251.3	26941.7	25805.7	24560.2
27.5°	33480.1	32860.1	32106.0	31034.1	29893.2	28509.3	25758.6	24122.2	22716.2	21498.4	20172.7
30°	30688.3	29881.9	28908.2	27577.8	26201.6	24632.1	21842.2	20184.8	18761.7	17508.8	16182.1
32.5°	27533.4	26588.8	25447.8	23954.8	22466.4	20852.6	18158.3	16553.9	15194.5	13989.2	12788.5
35°	24053.6	23040.7	21833.6	20310.6	18831.3	17262.2	14790.1	13343.4	12143.0	11077.6	10108.1
37.5°	20321.0	19326.4	18179.1	16743.7	15371.9	13950.1	11817.0	10604.7	9597.3	8713.1	7964.5
40°	16440.0	15569.7	14577.0	13336.1	12165.3	10981.2	9230.2	8268.0	7473.0	6798.6	6237.6
42.5°	12606.7	11932.1	11170.9	10190.3	9294.4	8392.8	7045.1	6332.1	5743.3	5257.8	4861.2
45°	9146.5	8695.3	8184.8	7503.1	6883.1	6254.2	5295.0	4794.1	4410.6	4097.6	3832.9
47.5°	6393.9	6132.2	6116.3	5486.3	5031.6	4647.1	4029.2	3712.7	3477.7	3288.1	3120.5
50°	4490.3	4363.6	4206.4	3981.5	3770.6	3553.2	3176.7	2985.4	2847.8	2732.9	2626.9
52.5°	3356.8	3291.0	3207.3	3088.0	2973.6	2851.4	2613.2	2491.4	2448.1	2341.1	2257.2
55°	2681.2	2643.5	2595.8	2525.7	2456.2	2428.3	2224.1	2133.7	2076.5	2034.2	1989.2
57.5°	2227.1	2199.0	2170.7	2123.2	2083.0	2034.2	1925.8	1879.5	1845.4	1820.5	1789.3
60°	1899.7	1882.9	1867.0	1839.2	1817.5	1791.2	1722.3	1696.2	1678.4	1663.5	1643.5
62.5°	1676.7	1668.1	1659.9	1645.0	1634.0	1619.8	1572.7	1560.1	1551.2	1543.7	1531.5
65°	1515.7	1509.5	1505.0	1495.1	1489.6	1481.2	1440.9	1432.4	1426.8	1424.2	1417.1
67.5°	1369.5	1363.0	1360.0	1352.9	1350.7	1345.5	1312.4	1307.8	1305.9	1306.7	1304.2
70°	1232.7	1230.0	1231.4	1230.2	1233.4	1234.3	1214.3	1214.2	1216.3	1220.5	1220.9
72.5°	1150.7	1150.7	1152.3	1153.0	1156.0	1157.4	1140.7	1139.9	1140.8	1144.0	1144.1
75°	1072.7	1074.0	1078.2	1079.7	1083.1	1083.9	1061.8	1059.3	1059.5	1062.4	1061.4
77.5°	964.7	969.4	977.5	981.7	988.5	989.8	965.0	962.1	962.2	965.2	962.7
80°	842.2	851.2	864.0	872.9	883.4	887.6	862.1	856.1	850.4	849.6	844.5
82.5°	712.1	723.0	738.3	746.4	757.6	760.1	717.6	709.5	704.7	705.2	700.5
85°	543.6	551.8	565.8	570.4	577.2	576.7	528.1	507.3	512.9	504.2	511.0
87.5°	341.0	345.8	354.6	355.7	359.0	358.2	309.3	299.7	296.9	297.0	293.5
90°	197.7	202.9	212.5	214.5	221.5	222.8	185.1	182.5	177.4	177.6	171.1
92.5°	85.6	91.5	97.6	103.6	109.7	115.9	117.5	122.1	116.3	109.7	104.1
95°	100.2	110.0	119.8	129.7	139.5	149.2	159.1	168.9	159.8	150.6	141.4
97.5°	112.6	124.3	135.7	147.4	158.9	170.6	182.1	193.8	184.0	173.8	164.1
100°	147.9	169.5	190.9	212.6	234.1	255.7	277.4	299.1	280.1	260.9	241.9
102.5°	306.0	352.0	397.8	443.6	489.4	535.4	581.4	627.4	583.8	540.0	496.3
105°	591.6	666.0	740.4	814.4	888.8	963.2	1037.9	1112.3	1042.6	972.8	903.1
107.5°	937.0	1012.5	1087.7	1163.0	1238.4	1313.8	1389.8	1465.3	1397.2	1329.0	1261.0
110°	1151.8	1206.6	1261.6	1316.6	1371.5	1426.4	1482.3	1537.4	1496.5	1455.5	1414.7



TEST NUMBER: P1444840  
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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°	1199.3	1238.8	1278.1	1317.2	1356.3	1395.7	1436.2	1475.7	1455.0	1434.4	1414.0
115°	1135.0	1161.8	1188.0	1214.4	1240.9	1267.2	1295.1	1322.0	1315.2	1308.6	1302.0
117.5°	1023.2	1037.9	1052.8	1067.5	1082.0	1096.7	1113.5	1128.5	1129.4	1130.5	1131.6
120°	904.1	910.4	916.5	922.6	928.6	934.6	943.1	949.7	955.1	960.3	965.7
122.5°	803.0	805.3	807.4	809.7	811.8	814.0	818.9	821.8	825.3	829.1	832.7
125°	721.8	722.9	723.8	724.9	725.6	726.7	730.9	732.4	732.5	732.5	732.6
127.5°	667.6	667.7	667.7	667.8	667.5	667.7	671.1	671.7	669.3	666.8	664.3
130°	628.7	629.0	629.3	629.8	630.3	630.5	634.5	635.8	631.6	627.1	622.8
132.5°	603.3	604.0	604.4	605.2	605.8	606.2	610.7	612.2	607.3	602.2	597.3
135°	582.4	583.3	584.0	584.7	585.4	586.5	591.4	593.2	588.6	583.7	578.9
137.5°	564.8	565.7	566.4	567.5	568.1	569.0	574.5	576.5	572.8	568.7	565.0
140°	550.0	551.0	552.0	553.2	554.1	555.5	561.5	563.7	560.8	557.7	554.5
142.5°	534.8	536.5	538.1	539.9	541.4	543.2	550.1	552.9	550.8	548.3	546.1
145°	525.1	527.1	528.9	531.0	532.9	535.1	542.8	546.1	544.7	543.1	541.6
147.5°	516.4	518.3	520.0	521.8	523.6	525.9	533.9	537.2	536.4	535.2	534.4
150°	507.7	509.6	511.3	513.2	515.4	517.5	526.5	530.1	529.4	528.5	527.7
152.5°	497.7	499.3	500.9	502.6	504.4	506.3	517.1	520.9	520.3	519.3	518.7
155°	491.6	492.8	494.0	495.4	496.7	498.4	509.7	513.5	513.1	512.6	512.0
157.5°	490.0	490.6	491.3	492.4	493.4	494.3	506.1	509.9	509.3	509.0	508.5
160°	489.0	489.7	490.1	491.0	491.5	492.3	504.4	507.8	507.6	507.0	506.5
162.5°	489.1	490.2	490.9	491.8	492.7	493.8	505.9	509.9	509.1	508.5	507.8
165°	492.5	492.8	493.3	493.9	494.3	495.0	506.3	509.5	509.2	508.7	508.2
167.5°	496.4	497.0	497.4	498.2	498.7	499.5	510.1	513.2	513.0	512.3	512.0
170°	501.4	502.1	502.3	503.0	503.6	504.3	513.1	515.7	515.4	514.5	514.1
172.5°	506.1	506.8	507.4	508.0	508.6	509.4	516.9	519.4	519.0	518.5	517.8
175°	507.6	507.9	508.5	509.2	509.7	510.3	516.1	517.9	517.7	517.4	517.2
177.5°	512.3	512.5	513.0	513.4	513.9	514.3	517.8	519.0	518.8	518.8	518.7
180°	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5



TEST NUMBER: P1444840  
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**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9
2.5°	38211.7	38225.1	38227.1	38242.8	38241.5	38260.2	38257.3	38272.5	38263.6	38276.2	38265.6
5°	39109.2	39190.6	39233.2	39312.6	39337.7	39408.8	39428.9	39493.8	39496.5	39547.9	39536.1
7.5°	40378.1	40498.1	40569.3	40667.4	40717.2	40799.1	40835.1	40895.6	40915.1	40963.2	40966.8
10°	41135.8	41194.0	41234.7	41262.1	41287.2	41298.9	41312.6	41308.9	41312.6	41307.2	41318.9
12.5°	40837.8	40752.7	40696.4	40589.9	40528.2	40410.4	40352.6	40239.4	40198.4	40101.1	40087.1
15°	39328.4	39031.9	38822.5	38517.9	38326.3	38026.6	37851.3	37580.9	37457.4	37242.4	37186.1
17.5°	36577.3	36027.0	35601.1	35054.7	34675.7	34165.0	33844.0	33421.3	33189.9	32849.0	32731.0
20°	32720.4	31906.2	31267.3	30506.3	29961.7	29283.1	28848.7	28300.8	27982.7	27564.1	27394.4
22.5°	28192.2	27178.5	26380.7	25481.6	24824.5	24068.3	23547.9	22955.1	22609.0	22154.3	21952.8
25°	23525.1	22407.2	21520.2	20572.9	19878.6	19120.6	18600.0	18017.7	17659.6	17227.9	17027.8
27.5°	19061.5	17929.8	17072.6	16191.9	15555.0	14871.0	14401.3	13892.9	13575.0	13206.5	13018.3
30°	15122.3	14124.2	13394.7	12663.9	12134.0	11578.6	11188.2	10766.8	10488.0	10172.5	9993.2
32.5°	11913.0	11142.5	10571.3	9991.3	9557.8	9093.5	8756.3	8384.4	8132.8	7851.0	7688.6
35°	9435.0	8836.2	8380.6	7903.2	7530.8	7135.4	6838.2	6517.2	6291.4	6048.8	5908.6
37.5°	7454.6	6978.5	6603.6	6207.1	5901.1	5573.6	5463.2	5094.9	4861.0	4667.4	4533.2
40°	5850.4	5471.8	5161.6	4858.3	4608.9	4360.4	4161.0	3964.2	3813.2	3674.7	3578.9
42.5°	4568.7	4294.4	4067.8	3845.7	3663.7	3482.7	3338.3	3202.7	3101.0	3010.4	2948.7
45°	3631.9	3443.3	3285.8	3129.4	3000.9	2880.1	2782.9	2696.4	2630.7	2576.3	2537.7
47.5°	2983.7	2854.6	2743.5	2638.0	2550.8	2471.6	2406.4	2385.2	2314.6	2267.0	2248.9
50°	2535.8	2457.8	2373.4	2295.5	2237.3	2179.3	2137.1	2095.6	2069.3	2047.4	2040.7
52.5°	2201.4	2141.8	2094.8	2045.5	2007.0	1965.9	1936.7	1909.1	1894.6	1883.1	1881.7
55°	1952.8	1911.1	1880.1	1847.0	1824.0	1799.8	1784.7	1770.1	1763.7	1757.9	1758.4
57.5°	1764.7	1736.9	1716.7	1695.2	1682.7	1671.2	1667.4	1663.7	1665.7	1666.5	1669.8
60°	1627.7	1609.6	1596.8	1584.5	1579.3	1575.7	1578.5	1581.7	1588.4	1593.8	1598.5
62.5°	1522.7	1512.3	1506.1	1499.5	1498.9	1499.2	1504.9	1510.4	1518.7	1524.9	1529.6
65°	1414.5	1408.6	1406.6	1402.4	1404.5	1405.8	1412.6	1416.8	1425.1	1430.1	1436.0
67.5°	1305.3	1303.9	1305.1	1305.1	1309.0	1312.2	1318.7	1323.6	1330.6	1335.1	1340.0
70°	1224.6	1225.2	1228.2	1228.7	1232.8	1235.1	1240.8	1243.8	1250.2	1254.0	1259.8
72.5°	1146.2	1144.9	1145.6	1143.8	1145.2	1144.6	1147.8	1149.3	1154.7	1157.7	1164.7
75°	1062.6	1059.2	1058.3	1054.5	1054.6	1051.9	1053.2	1053.0	1056.6	1058.0	1063.1
77.5°	961.7	955.9	953.0	946.6	946.6	944.1	946.6	948.2	954.5	957.4	963.2
80°	841.1	831.8	827.6	820.2	821.4	821.1	827.2	832.0	839.5	841.0	848.3
82.5°	699.1	689.6	685.1	677.9	679.5	679.7	685.4	686.3	693.0	695.8	704.3
85°	500.6	504.2	494.1	494.9	492.7	496.8	500.6	505.3	510.8	520.0	527.1
87.5°	294.8	293.5	297.0	297.5	302.6	305.2	313.4	318.1	327.3	334.5	347.5
90°	169.6	163.0	164.2	160.8	164.0	160.8	164.0	160.3	164.4	163.6	169.3
92.5°	97.3	91.4	84.7	78.7	72.2	66.5	63.1	60.7	57.3	55.0	51.4
95°	132.3	123.1	113.9	104.8	95.7	86.5	83.2	79.8	76.5	73.1	69.9
97.5°	154.3	144.4	134.6	124.7	114.8	105.0	102.8	100.5	98.3	96.1	93.8
100°	222.8	203.8	184.8	165.7	146.8	127.8	126.1	124.3	122.5	120.7	118.9
102.5°	452.8	409.2	365.7	322.1	278.6	234.9	227.3	219.7	212.1	204.5	196.9
105°	833.3	763.5	693.8	624.0	554.4	484.7	464.0	443.0	422.2	401.4	380.8
107.5°	1192.9	1124.9	1057.0	988.9	921.0	853.0	820.1	787.3	754.3	721.5	688.8
110°	1373.4	1332.5	1291.8	1250.8	1210.1	1169.3	1137.8	1106.6	1075.1	1043.8	1012.5



TEST NUMBER: P1444840  
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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°	1393.4	1372.8	1352.2	1331.8	1311.5	1290.9	1275.6	1260.2	1245.1	1229.7	1214.2
115°	1295.2	1288.7	1282.0	1275.5	1269.2	1262.6	1261.4	1260.3	1259.0	1258.0	1257.0
117.5°	1132.5	1133.6	1134.6	1135.9	1137.0	1138.2	1146.3	1154.2	1162.4	1170.7	1179.0
120°	971.1	976.6	981.8	987.3	992.7	998.3	1008.9	1019.9	1030.7	1041.9	1053.0
122.5°	836.2	840.1	843.5	847.3	851.2	855.0	865.4	876.2	886.9	897.8	909.0
125°	732.3	732.3	732.3	732.1	732.1	732.4	740.9	749.7	758.6	767.8	776.7
127.5°	661.7	658.9	656.3	653.8	651.0	648.7	653.6	658.8	663.8	669.2	674.4
130°	618.3	613.9	609.2	604.9	600.3	596.0	597.7	599.7	601.6	603.6	605.8
132.5°	592.1	587.0	581.8	576.6	571.5	566.3	566.0	565.7	565.4	565.4	565.4
135°	574.0	569.3	564.2	559.3	554.2	549.5	548.1	546.5	545.2	543.9	542.8
137.5°	561.1	557.1	553.1	549.4	545.1	541.3	539.1	537.5	535.4	534.0	532.2
140°	551.3	548.3	544.9	541.8	538.5	535.4	533.6	532.2	530.5	529.2	527.7
142.5°	543.5	541.2	538.8	536.4	533.9	531.6	529.9	528.4	526.9	525.6	524.1
145°	540.0	538.4	536.7	535.1	533.5	532.0	530.5	529.4	528.1	527.0	526.2
147.5°	533.4	532.2	531.2	530.1	528.9	527.9	526.8	526.3	525.2	524.6	523.8
150°	526.7	525.6	524.6	523.9	522.6	521.7	521.1	520.6	520.0	519.7	519.1
152.5°	517.5	516.8	515.9	515.1	514.0	513.1	512.5	512.2	511.8	511.5	510.8
155°	511.4	510.8	510.1	509.5	508.7	508.2	507.6	506.8	506.3	505.7	505.0
157.5°	507.9	507.4	506.6	506.3	505.4	504.9	504.3	503.7	503.0	502.5	501.9
160°	506.0	505.6	504.9	504.3	503.7	503.2	502.3	501.6	500.7	500.1	499.1
162.5°	507.0	506.3	505.5	504.8	503.8	503.2	502.5	502.0	501.3	500.8	500.1
165°	507.7	507.1	506.5	506.0	505.5	505.0	504.1	503.4	502.5	501.9	500.9
167.5°	511.5	511.1	510.5	510.1	509.4	508.9	508.2	507.4	506.6	505.8	504.9
170°	513.5	512.7	512.2	511.5	510.8	510.1	509.4	508.6	507.8	507.3	506.3
172.5°	517.3	517.0	516.3	515.9	515.0	514.5	514.1	513.4	512.8	512.1	511.7
175°	517.1	516.9	516.8	516.3	516.2	515.9	515.7	515.5	515.2	515.1	514.6
177.5°	518.7	518.6	518.6	518.3	518.2	518.2	517.8	517.5	517.2	516.9	516.6
180°	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5



TEST NUMBER: P1444840  
 CATALOG NUMBER: EHBR1-48-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°	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9
2.5°	38276.6	38266.9	38271.5	38253.6	38257.8	38236.2	38234.2	38209.8	38207.3	38184.3	38175.7
5°	39572.6	39551.2	39575.3	39537.8	39545.2	39496.5	39492.4	39429.3	39407.6	39328.7	39294.7
7.5°	40996.9	40988.9	41003.5	40972.2	40971.2	40927.7	40909.7	40853.2	40818.1	40735.4	40682.4
10°	41308.9	41316.2	41304.2	41307.2	41290.3	41285.6	41268.2	41257.2	41228.8	41207.3	41175.7
12.5°	40013.2	40021.0	39971.5	40002.9	39978.1	40036.0	40031.3	40099.4	40109.9	40196.0	40228.7
15°	37018.7	37009.3	36914.5	36974.2	36942.2	37069.1	37097.5	37268.2	37359.5	37578.7	37713.3
17.5°	32494.9	32470.5	32336.9	32409.6	32372.6	32559.7	32622.5	32895.5	33065.8	33419.0	33670.6
20°	27102.3	27055.5	26899.3	26984.5	26946.4	27158.9	27248.5	27578.4	27798.1	28265.8	28598.5
22.5°	21642.8	21568.9	21415.8	21495.4	21459.3	21679.6	21796.1	22127.2	22378.8	22858.9	23247.4
25°	16740.2	16674.3	16526.4	16582.1	16568.7	16754.9	16858.6	17171.8	17419.0	17876.3	18247.2
27.5°	12768.1	12699.6	12565.9	12605.4	12591.7	12750.5	12848.2	13109.8	13322.5	13707.6	14033.2
30°	9772.1	9689.5	9576.1	9597.9	9588.6	9717.2	9808.5	10028.8	10211.1	10536.5	10817.1
32.5°	7490.3	7407.2	7303.1	7313.3	7299.5	7400.4	7475.6	7667.3	7826.1	8102.8	8347.0
35°	5731.1	5828.2	5605.8	5746.7	5600.0	5815.3	5737.9	5857.6	5994.3	6227.4	6431.1
37.5°	4405.8	4338.2	4281.0	4274.9	4274.6	4324.5	4383.4	4498.7	4619.1	4792.9	4972.3
40°	3491.4	3443.9	3406.9	3404.2	3406.9	3442.4	3485.9	3565.6	3653.8	3778.6	3910.4
42.5°	2895.8	2864.3	2842.0	2840.4	2847.5	2872.6	2902.9	2950.2	3007.6	3088.4	3178.9
45°	2506.3	2488.8	2476.4	2475.7	2478.9	2492.1	2509.5	2539.0	2575.3	2625.7	2683.0
47.5°	2233.1	2228.8	2221.0	2221.3	2217.8	2223.2	2225.1	2241.6	2261.0	2299.0	2373.8
50°	2034.1	2034.1	2028.7	2028.4	2023.3	2023.1	2018.8	2025.3	2034.3	2057.9	2081.9
52.5°	1876.8	1876.2	1870.5	1869.3	1863.9	1863.7	1859.9	1862.5	1863.8	1875.7	1889.9
55°	1753.8	1750.2	1742.5	1740.1	1738.0	1741.2	1739.8	1739.8	1738.3	1743.3	1747.5
57.5°	1665.7	1660.8	1653.7	1651.5	1651.0	1654.6	1654.8	1653.5	1646.9	1642.4	1636.0
60°	1595.8	1591.1	1583.2	1581.3	1582.4	1587.5	1587.2	1583.0	1573.1	1564.5	1554.5
62.5°	1527.3	1525.4	1521.4	1520.8	1519.8	1520.7	1517.2	1512.6	1502.8	1493.7	1482.8
65°	1435.3	1436.3	1433.3	1433.8	1430.3	1429.7	1424.3	1419.9	1410.0	1401.7	1390.6
67.5°	1339.8	1340.5	1338.1	1338.1	1336.3	1336.5	1333.3	1329.2	1320.9	1314.1	1305.4
70°	1261.1	1263.0	1261.6	1262.1	1259.8	1258.9	1253.9	1249.9	1241.3	1235.6	1227.9
72.5°	1166.8	1171.1	1170.9	1171.9	1168.6	1166.8	1160.7	1155.8	1148.1	1143.5	1137.3
75°	1065.1	1070.6	1072.1	1074.6	1069.7	1067.2	1060.6	1056.6	1050.2	1047.5	1043.4
77.5°	965.7	971.8	977.6	983.0	975.2	968.3	960.0	953.6	944.5	941.1	934.6
80°	854.2	864.9	877.8	888.6	874.6	860.5	846.8	836.6	824.6	819.7	811.7
82.5°	708.7	719.7	727.1	734.0	724.3	713.9	700.6	691.7	678.7	674.0	664.7
85°	538.4	552.1	556.5	560.2	554.0	548.5	536.0	519.2	511.0	498.2	491.5
87.5°	354.1	362.3	363.9	365.1	361.4	358.7	350.6	342.7	328.7	318.5	306.0
90°	167.0	170.6	165.6	165.7	162.7	164.9	158.7	157.7	148.0	145.5	137.1
92.5°	48.8	45.6	42.8	39.8	43.3	45.7	49.1	51.4	54.9	57.3	60.7
95°	66.5	63.2	59.8	56.5	59.2	61.8	64.5	67.2	69.8	72.5	75.2
97.5°	91.6	89.3	87.1	84.9	86.5	88.0	89.5	91.1	92.7	94.3	96.0
100°	117.1	115.3	113.6	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8
102.5°	189.3	181.8	174.1	166.6	171.7	176.8	182.0	187.1	192.3	197.4	202.7
105°	360.0	339.2	318.5	297.8	317.8	337.9	357.9	378.1	398.1	418.5	438.5
107.5°	655.8	623.0	590.2	557.4	594.2	630.7	667.3	704.0	740.5	777.1	814.0
110°	981.3	950.1	918.9	887.7	926.5	965.3	1004.1	1042.9	1081.8	1120.6	1159.7



TEST NUMBER: P1444840  
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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°	1199.0	1183.9	1168.7	1153.6	1178.5	1203.5	1228.5	1253.7	1278.8	1303.9	1328.9
115°	1256.0	1255.0	1254.2	1253.2	1265.1	1276.9	1288.7	1300.8	1312.6	1324.4	1336.5
117.5°	1187.2	1195.5	1204.0	1212.4	1216.3	1220.1	1224.0	1227.8	1231.9	1235.8	1239.8
120°	1064.2	1075.2	1086.6	1097.9	1096.4	1094.8	1093.4	1091.8	1090.7	1089.2	1088.3
122.5°	920.1	931.2	942.5	953.8	950.5	947.1	943.9	940.7	937.7	934.6	931.7
125°	786.1	795.3	804.8	814.3	810.9	807.6	804.3	801.4	798.3	795.3	792.6
127.5°	680.2	686.0	691.5	697.4	695.8	694.3	693.2	691.7	690.6	689.6	688.8
130°	608.1	610.5	613.3	615.7	616.2	616.7	617.5	618.2	619.3	620.1	621.3
132.5°	565.9	566.1	566.6	567.2	569.0	570.7	573.0	575.0	577.5	579.7	582.7
135°	541.9	541.2	540.4	540.0	542.7	545.2	548.2	551.2	554.5	558.0	561.4
137.5°	530.9	529.6	528.6	527.4	530.1	532.7	535.7	538.7	541.9	545.3	549.0
140°	526.6	525.4	524.7	523.7	526.4	528.9	531.8	534.8	538.1	541.5	544.9
142.5°	523.1	521.9	521.2	520.4	522.6	525.1	527.9	530.5	533.6	536.4	539.7
145°	525.2	524.3	523.8	523.1	524.7	526.5	528.5	530.6	532.8	534.9	537.6
147.5°	523.2	522.7	522.4	521.9	523.2	524.5	525.9	527.2	529.1	530.7	532.5
150°	519.0	518.6	518.4	518.3	519.1	519.8	520.9	521.5	522.7	523.8	525.3
152.5°	510.8	510.3	510.4	510.2	510.8	511.5	512.4	513.2	514.2	515.0	516.4
155°	504.8	504.3	503.8	503.5	503.6	503.8	504.2	504.4	505.0	505.3	505.8
157.5°	501.6	501.0	500.8	500.2	500.1	499.9	500.0	500.0	500.2	500.0	500.2
160°	498.6	497.8	497.0	496.4	496.6	496.5	496.8	496.7	496.9	497.1	497.4
162.5°	499.6	499.1	498.7	498.2	497.9	497.2	496.9	496.4	496.1	495.8	495.7
165°	500.1	499.4	498.7	497.8	497.7	497.6	497.3	497.1	497.1	496.8	496.8
167.5°	504.3	503.5	502.7	502.0	501.5	500.7	500.3	499.7	499.2	498.7	498.5
170°	505.8	505.0	504.5	503.9	503.6	503.2	503.1	502.6	502.5	502.3	502.3
172.5°	511.0	510.4	509.9	509.4	509.1	508.9	508.7	508.6	508.3	508.3	508.1
175°	514.5	514.2	514.1	513.8	513.4	513.2	512.9	512.7	512.4	512.0	511.8
177.5°	516.1	515.9	515.6	515.4	515.2	515.2	515.2	515.2	515.2	515.1	514.9
180°	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5



TEST NUMBER: P1444840  
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**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9
2.5°	38151.0	38140.9	38114.6	38101.5	38077.1	38064.8	38045.7	38033.4	38018.0	38006.6	38000.6
5°	39208.0	39159.2	39061.5	39001.3	38895.7	38826.1	38721.3	38644.5	38536.2	38456.4	38354.1
7.5°	40583.2	40508.4	40383.2	40288.2	40140.5	40027.6	39861.9	39729.3	39546.2	39394.1	39207.0
10°	41143.1	41099.5	41043.3	40982.2	40900.4	40820.1	40706.9	40591.6	40437.9	40284.9	40085.2
12.5°	40315.7	40356.7	40437.9	40475.7	40537.8	40558.8	40587.2	40573.9	40548.8	40486.3	40395.8
15°	37971.9	38143.6	38414.9	38602.6	38865.6	39050.3	39294.7	39451.9	39633.0	39741.3	39844.2
17.5°	34116.6	34448.7	34927.5	35309.5	35822.2	36239.1	36750.0	37151.3	37614.7	37970.2	38348.7
20°	29178.5	29643.6	30304.5	30865.8	31608.9	32238.9	33046.1	33722.3	34511.1	35168.7	35878.3
22.5°	23863.8	24410.9	25168.1	25845.2	26732.5	27525.0	28536.4	29430.5	30496.9	31452.2	32508.8
25°	18850.0	19386.1	20157.6	20858.6	21816.4	22689.5	23794.4	24820.2	26057.6	27211.6	28536.4
27.5°	14550.4	15026.6	15704.7	16335.8	17213.1	18070.1	19191.4	20285.2	21605.6	22845.8	24273.5
30°	11237.0	11623.4	12166.7	12674.3	13378.6	14079.6	15078.3	16089.9	17403.8	18688.9	20152.6
32.5°	8708.4	9037.7	9491.3	9903.4	10446.1	10974.6	11710.1	12518.4	13671.0	14902.0	16317.2
35°	6741.2	7023.0	7409.1	7764.1	8210.3	8629.9	9178.8	9755.7	10635.3	11670.7	12937.3
37.5°	5374.5	5489.3	5764.9	6055.7	6426.4	6771.2	7200.5	7627.1	8256.4	9073.4	10108.1
40°	4087.2	4269.6	4493.9	4723.0	5003.7	5280.2	5751.2	5978.0	6392.3	6978.8	7781.8
42.5°	3297.8	3426.1	3584.0	3743.3	3938.8	4131.5	4369.7	4612.4	4922.1	5319.3	5890.5
45°	2759.7	2843.4	2945.1	3051.2	3179.7	3311.2	3470.7	3637.2	3847.1	4091.3	4438.3
47.5°	2400.2	2446.4	2512.8	2585.3	2673.4	2764.4	2868.1	2974.3	3104.7	3249.5	3447.1
50°	2119.6	2158.2	2209.8	2258.2	2319.0	2412.2	2453.4	2512.0	2590.4	2675.7	2786.2
52.5°	1916.5	1942.2	1974.6	2002.4	2040.9	2075.8	2121.5	2162.0	2216.2	2267.3	2338.7
55°	1758.4	1767.7	1786.1	1804.0	1830.6	1854.4	1885.8	1912.3	1946.9	1977.5	2022.5
57.5°	1636.2	1637.1	1645.6	1654.9	1672.0	1687.0	1708.6	1726.0	1750.0	1769.6	1796.5
60°	1548.5	1543.8	1545.5	1548.8	1558.5	1568.1	1582.0	1593.3	1608.4	1619.5	1634.6
62.5°	1475.4	1468.1	1466.4	1465.6	1470.4	1473.9	1481.4	1486.9	1495.6	1500.3	1508.4
65°	1383.2	1374.5	1371.2	1367.2	1368.6	1367.5	1370.4	1370.5	1374.8	1375.9	1380.5
67.5°	1299.6	1292.3	1287.9	1282.6	1280.2	1276.4	1274.7	1271.0	1270.4	1267.3	1266.6
70°	1223.3	1216.2	1212.4	1207.5	1205.0	1199.9	1196.8	1190.5	1186.9	1181.1	1177.9
72.5°	1134.9	1130.9	1129.8	1126.5	1125.5	1122.7	1121.4	1117.0	1114.5	1109.6	1106.8
75°	1042.6	1039.3	1039.1	1035.7	1035.4	1032.0	1031.1	1026.5	1024.1	1019.1	1017.1
77.5°	932.7	927.8	926.4	922.5	923.4	921.8	923.2	919.6	918.1	913.2	911.6
80°	808.9	802.7	800.1	794.9	796.3	793.9	796.3	796.0	797.9	793.9	793.2
82.5°	662.2	655.4	654.1	650.5	652.9	653.2	658.4	655.6	656.7	653.0	654.6
85°	481.8	476.8	469.7	468.7	464.2	468.9	462.8	466.9	460.2	464.9	458.7
87.5°	298.8	288.3	282.8	275.3	272.4	265.2	262.3	257.0	258.6	256.2	257.6
90°	136.5	129.2	130.0	125.4	127.4	123.7	127.2	125.4	129.5	127.6	132.1
92.5°	63.1	66.0	71.3	77.0	82.1	87.4	92.7	98.4	103.5	109.1	114.2
95°	77.8	80.5	87.7	94.7	101.9	109.1	116.3	123.4	130.6	137.7	144.9
97.5°	97.5	99.1	106.3	113.4	120.6	127.7	134.8	142.3	149.4	156.5	163.7
100°	111.8	111.9	132.2	152.5	172.7	193.2	213.5	233.8	254.3	274.6	295.0
102.5°	207.9	213.0	264.3	315.6	367.0	418.3	469.7	521.3	572.6	624.1	675.5
105°	458.6	478.8	557.0	635.6	713.8	792.3	870.7	949.3	1027.7	1106.2	1184.6
107.5°	850.5	887.2	958.1	1028.9	1099.6	1170.6	1241.5	1312.4	1383.2	1454.2	1525.4
110°	1198.5	1237.5	1284.9	1332.4	1380.0	1427.5	1475.1	1522.6	1570.4	1617.9	1665.8



TEST NUMBER: P1444840  
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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°	1354.0	1379.2	1406.9	1434.7	1462.5	1490.3	1518.0	1545.9	1573.9	1601.9	1629.7
115°	1348.7	1360.8	1371.5	1382.5	1393.3	1404.3	1415.2	1426.3	1437.6	1448.6	1459.8
117.5°	1243.8	1248.2	1249.8	1251.8	1253.5	1255.7	1257.6	1259.8	1261.9	1264.1	1266.0
120°	1087.0	1085.8	1084.2	1082.7	1081.0	1079.6	1078.2	1076.8	1075.6	1074.3	1072.9
122.5°	928.8	926.1	924.5	923.1	921.7	920.5	919.3	918.3	917.1	916.0	914.7
125°	789.8	787.2	789.1	790.9	792.8	794.9	796.7	799.1	801.1	803.2	805.4
127.5°	687.7	687.2	691.6	696.0	700.5	705.1	709.6	714.4	718.9	723.8	728.3
130°	622.6	624.1	629.6	635.5	641.1	646.9	652.7	658.8	664.4	670.2	676.0
132.5°	585.2	588.2	593.4	599.1	604.5	610.2	615.9	621.6	627.2	633.1	638.4
135°	565.0	569.0	573.9	579.0	584.1	589.5	594.5	599.9	604.8	610.0	615.1
137.5°	552.5	556.3	560.5	564.6	568.6	573.1	577.3	581.6	585.6	589.9	593.9
140°	548.5	552.3	554.6	557.4	559.8	562.4	564.9	567.6	569.8	572.7	574.9
142.5°	542.9	546.4	547.8	549.6	551.3	553.4	555.1	556.8	558.4	560.0	561.5
145°	539.9	542.6	542.9	543.4	543.9	544.4	544.6	545.2	545.4	545.8	545.9
147.5°	534.5	536.4	536.3	536.4	536.4	536.3	536.3	536.4	536.1	536.2	536.1
150°	526.4	527.9	527.2	527.0	526.4	526.1	525.4	525.3	524.6	524.3	523.7
152.5°	517.3	518.6	517.7	517.4	516.6	516.0	515.3	514.8	514.1	513.5	513.0
155°	506.2	506.7	506.3	506.0	505.6	505.2	504.8	504.8	504.5	504.2	504.0
157.5°	500.3	500.4	500.2	499.9	499.5	499.5	499.3	499.1	499.1	499.3	499.4
160°	497.4	497.8	497.4	497.1	496.9	496.7	496.5	496.5	496.5	496.8	496.8
162.5°	495.3	495.2	494.8	494.5	494.3	494.3	494.1	494.4	494.3	494.5	494.7
165°	497.0	497.2	496.5	496.3	495.9	495.5	495.3	495.1	495.2	495.1	495.1
167.5°	498.1	497.9	497.9	498.1	498.1	498.2	498.3	498.9	499.0	499.5	499.7
170°	502.3	502.3	502.1	501.9	501.7	501.7	501.5	501.5	501.6	501.6	501.5
172.5°	508.1	508.1	507.7	507.2	506.8	506.5	506.1	505.9	505.5	505.1	504.7
175°	511.5	511.3	511.1	510.8	510.6	510.2	510.0	509.4	509.2	509.0	508.8
177.5°	514.8	514.5	514.4	514.4	514.3	514.1	514.1	514.0	514.0	514.0	513.7
180°	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5



TEST NUMBER: P1444840  
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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°	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9
2.5°	37993.0	37992.6	37988.9	37990.5	37991.3	37994.0	37997.3	38000.6	38001.4	38004.0	38004.5
5°	38277.3	38183.3	38113.8	38037.3	37979.8	37928.1	37893.7	37866.3	37855.6	37858.3	37864.7
7.5°	39048.3	38854.3	38694.2	38512.2	38360.4	38199.7	38066.5	37939.9	37847.5	37778.8	37740.3
10°	39894.4	39658.1	39432.0	39168.6	38918.7	38652.1	38410.5	38167.4	37964.6	37788.5	37659.2
12.5°	40269.8	40102.8	39907.4	39658.8	39391.5	39083.7	38773.0	38440.0	38130.2	37842.6	37610.7
15°	39872.3	39872.6	39801.4	39682.1	39496.5	39250.5	38954.5	38607.3	38241.8	37868.9	37528.2
17.5°	38610.4	38848.5	38980.9	39064.7	39039.0	38948.4	38760.0	38493.4	38152.7	37755.4	37339.7
20°	36443.4	37004.9	37405.3	37765.4	37967.2	38101.2	38087.8	37979.3	37736.7	37398.9	36965.9
22.5°	33407.6	34350.1	35094.0	35787.5	36273.9	36669.6	36857.7	36937.5	36827.6	36592.2	36185.7
25°	29720.4	31002.0	32095.7	33157.1	33953.3	34637.5	35048.7	35338.4	35361.4	35238.5	34875.8
27.5°	25623.3	27136.1	28520.3	29930.9	31050.5	32034.2	32679.6	33152.0	33302.0	33282.3	32952.9
30°	21531.4	23119.5	24645.3	26290.2	27675.6	28932.3	29784.9	30423.8	30670.0	30717.2	30400.3
32.5°	17667.1	19233.1	20754.6	22474.3	23998.9	25439.2	26446.5	27205.4	27491.6	27559.1	27211.6
35°	14160.0	15604.8	17050.7	18717.3	20233.2	21724.7	22786.0	23580.5	23847.9	23893.0	23490.6
37.5°	11118.6	12349.6	13609.6	15105.0	16497.0	17897.7	18906.2	19652.8	19847.6	19835.6	19380.2
40°	8557.8	9514.8	10527.2	11758.3	12915.7	14099.7	14951.3	15568.5	15670.8	15595.1	15116.8
42.5°	6435.1	7126.2	7860.2	8779.2	9637.9	10524.1	11143.6	11601.9	11616.4	11496.6	11067.3
45°	4794.1	5468.4	5776.2	6331.8	6885.0	7474.2	7852.6	8135.6	8091.8	7986.3	7660.1
47.5°	3654.7	3913.8	4188.7	4533.2	4855.4	5241.1	5474.5	5929.1	5601.7	5824.9	5333.5
50°	2902.2	3047.0	3195.1	3378.0	3546.3	3721.1	3830.3	3911.9	3901.3	3866.2	3772.1
52.5°	2469.0	2513.9	2586.7	2690.8	2784.7	2879.3	2941.5	2992.1	2993.0	2978.9	2931.2
55°	2063.6	2120.4	2172.9	2240.8	2356.6	2374.4	2463.6	2445.5	2452.5	2427.8	2453.1
57.5°	1819.4	1852.5	1882.0	1922.5	1955.9	1994.9	2017.9	2040.1	2038.1	2033.2	2008.9
60°	1646.4	1664.7	1681.1	1704.6	1723.1	1745.1	1755.7	1767.0	1763.3	1755.1	1733.5
62.5°	1513.1	1524.5	1533.9	1549.0	1560.2	1573.9	1579.5	1584.3	1579.5	1571.7	1552.6
65°	1381.4	1388.8	1394.8	1406.2	1414.1	1425.9	1430.5	1435.0	1430.6	1424.6	1410.0
67.5°	1262.8	1263.5	1262.9	1267.6	1270.0	1277.1	1279.1	1282.4	1277.4	1272.1	1259.8
70°	1172.8	1170.9	1168.7	1170.5	1170.9	1174.3	1174.9	1174.3	1168.3	1159.2	1145.7
72.5°	1102.4	1101.4	1099.7	1101.3	1101.3	1104.4	1103.3	1101.9	1094.3	1085.6	1072.3
75°	1012.0	1011.2	1007.9	1007.9	1005.2	1006.2	1002.5	1000.4	992.0	984.7	972.8
77.5°	906.1	904.4	899.5	897.6	892.2	890.0	883.1	879.7	871.2	865.2	855.1
80°	788.0	786.1	779.8	776.2	767.8	762.4	752.2	746.4	736.7	730.9	721.0
82.5°	651.3	652.1	645.6	641.3	629.1	619.8	606.2	598.9	588.1	582.5	572.3
85°	463.2	456.6	460.1	459.9	452.2	444.1	433.1	425.4	416.4	410.9	403.8
87.5°	254.1	255.6	253.8	252.3	246.9	242.8	234.1	229.7	223.0	219.8	214.4
90°	122.6	119.6	110.5	107.6	98.6	93.4	83.4	79.2	69.9	67.6	61.9
92.5°	108.2	102.2	96.4	90.1	84.4	78.4	72.3	66.3	60.3	57.9	56.3
95°	136.2	127.6	119.0	110.2	101.5	92.8	84.2	75.5	66.8	65.0	63.3
97.5°	153.5	143.3	133.0	123.0	112.6	102.4	92.2	82.0	71.7	70.6	69.5
100°	271.4	247.9	224.3	200.7	177.1	153.4	130.1	106.4	82.9	81.6	80.2
102.5°	618.2	561.0	503.8	446.7	389.6	332.3	275.1	217.7	160.6	152.3	144.1
105°	1098.0	1011.3	925.0	838.3	751.7	665.0	578.6	491.7	405.2	377.4	349.6
107.5°	1444.1	1362.5	1281.3	1200.0	1118.5	1037.3	955.8	874.3	792.8	743.8	694.9
110°	1601.1	1536.6	1472.2	1407.5	1343.1	1278.4	1213.7	1149.2	1084.5	1042.3	1000.4



TEST NUMBER: P1444840  
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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°	1582.6	1535.3	1488.3	1440.9	1393.6	1346.2	1299.1	1251.6	1204.2	1178.6	1153.0
115°	1431.6	1403.1	1374.7	1346.3	1317.9	1289.5	1261.1	1232.3	1203.7	1190.4	1176.9
117.5°	1251.9	1237.3	1223.1	1208.6	1194.2	1179.6	1165.1	1150.5	1135.9	1131.3	1126.6
120°	1069.1	1064.8	1060.4	1056.1	1051.8	1047.5	1043.2	1038.7	1034.1	1034.9	1035.6
122.5°	916.8	918.6	920.7	922.2	924.3	925.9	927.9	929.3	931.1	934.8	938.5
125°	809.9	814.3	818.7	823.1	827.3	831.7	836.2	840.3	844.7	848.3	852.3
127.5°	733.5	738.2	743.4	748.1	753.1	758.0	762.9	767.5	772.4	775.9	779.6
130°	680.6	684.7	689.2	693.3	697.7	701.9	706.2	710.5	714.8	717.6	720.4
132.5°	642.3	646.3	650.2	653.8	657.9	661.7	665.6	669.4	673.5	675.5	677.8
135°	618.2	620.9	624.0	626.8	630.1	632.8	635.8	638.9	642.1	643.5	645.3
137.5°	596.3	598.8	601.4	603.7	606.3	608.7	611.4	614.0	616.8	617.5	618.7
140°	577.5	580.0	582.6	585.2	587.9	590.4	593.4	596.1	599.0	599.9	600.9
142.5°	563.6	565.5	567.6	569.5	571.8	573.7	576.0	578.5	580.9	581.8	582.7
145°	548.4	550.6	553.0	555.4	557.7	560.2	563.1	565.7	568.6	569.1	570.0
147.5°	537.9	539.9	542.0	544.1	546.3	548.4	550.9	553.3	555.8	556.5	557.1
150°	525.9	528.0	530.0	532.2	534.6	537.0	539.5	542.0	545.1	546.0	546.9
152.5°	515.2	517.3	519.7	522.2	524.8	527.4	530.1	532.9	535.8	536.6	537.6
155°	506.3	508.4	510.9	513.3	516.0	518.4	521.2	523.8	526.6	527.7	528.6
157.5°	501.5	503.4	505.5	507.8	510.1	512.4	514.9	517.2	519.8	520.6	521.4
160°	498.7	500.5	502.5	504.6	506.6	508.7	510.8	512.9	515.0	515.9	516.8
162.5°	496.6	498.6	500.6	502.3	504.6	506.5	508.7	510.7	512.9	513.5	514.4
165°	496.6	498.0	499.5	500.9	502.5	503.7	505.5	506.9	508.7	509.3	510.4
167.5°	501.1	502.1	503.1	504.2	505.6	506.7	508.0	509.1	510.5	511.3	512.1
170°	502.6	503.6	504.5	505.5	506.7	507.7	508.9	509.8	511.2	511.8	512.6
172.5°	505.4	505.9	506.7	507.3	508.0	508.7	509.4	510.3	511.0	511.8	512.6
175°	509.2	509.5	509.9	510.2	510.4	510.9	511.4	511.9	512.2	512.9	513.4
177.5°	513.9	514.2	514.4	514.5	515.1	515.3	515.6	515.9	516.2	516.9	517.6
180°	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5



TEST NUMBER: P1444840  
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**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9
2.5°	38003.3	38002.8	38001.6	37999.9	37998.2	37999.2	38000.9	38005.3	38012.9	38023.9	38038.3
5°	37869.9	37877.6	37882.0	37882.6	37878.7	37876.2	37880.0	37890.4	37911.5	37946.8	37994.6
7.5°	37730.0	37739.6	37754.3	37765.4	37767.4	37764.7	37765.4	37781.7	37820.6	37889.4	37985.9
10°	37580.6	37552.2	37567.2	37594.6	37616.4	37620.3	37623.0	37642.4	37699.2	37803.2	37958.2
12.5°	37442.7	37352.8	37335.4	37360.2	37393.3	37403.8	37400.9	37409.2	37475.8	37613.4	37829.5
15°	37261.3	37092.1	37034.3	37040.6	37081.5	37096.2	37085.5	37069.1	37133.9	37302.0	37581.7
17.5°	36967.6	36694.9	36588.6	36584.0	36631.7	36644.4	36618.1	36567.3	36631.2	36840.8	37188.0
20°	36521.2	36118.6	35918.5	35886.7	35938.6	35923.4	35871.1	35794.1	35878.0	36133.0	36545.9
22.5°	35718.6	35208.6	34866.6	34756.4	34818.5	34777.1	34700.6	34602.4	34714.0	35003.6	35463.5
25°	34407.3	33817.9	33349.8	33087.3	33136.8	33062.5	32979.3	32860.4	32993.3	33325.8	33832.0
27.5°	32479.8	31798.9	31219.0	30784.3	30800.2	30703.0	30607.2	30453.2	30619.2	31012.8	31583.7
30°	29916.6	29128.7	28422.5	27831.8	27779.0	27684.7	27586.5	27384.4	27592.2	28063.3	28730.5
32.5°	26697.8	25823.0	25007.0	24260.1	24119.2	24027.2	23939.8	23707.1	23979.2	24528.5	25294.9
35°	22933.4	22001.6	21116.9	20263.9	20030.4	19938.4	19861.9	19639.1	19978.6	20576.3	21404.1
37.5°	18801.5	17849.7	16971.2	16096.5	15766.7	15641.9	15586.3	15440.3	15832.0	16423.2	17254.4
40°	14559.8	13674.7	12887.2	12114.6	11738.5	11547.7	11518.5	11491.9	11870.6	12383.5	13138.0
42.5°	10591.6	9877.6	9270.3	8679.8	8339.1	8078.4	8078.2	8157.4	8498.2	8882.4	9464.2
45°	7326.6	6847.4	6460.5	6065.9	6171.3	5651.5	5956.9	5800.2	5968.7	6216.4	6594.7
47.5°	5036.3	4774.7	4562.2	4341.7	4181.0	4027.6	4041.0	4140.0	4298.6	4445.6	4642.5
50°	3670.6	3537.4	3429.1	3314.7	3234.7	3166.9	3170.9	3213.8	3297.1	3374.6	3477.6
52.5°	2876.2	2802.7	2743.9	2680.6	2638.6	2605.0	2606.8	2627.6	2672.7	2716.9	2775.9
55°	2370.7	2361.8	2285.3	2228.5	2206.9	2184.3	2188.4	2196.5	2227.3	2253.1	2292.2
57.5°	1986.5	1952.3	1929.3	1899.4	1885.7	1869.9	1873.4	1876.5	1897.0	1914.3	1942.5
60°	1715.4	1691.1	1674.8	1654.5	1645.5	1635.4	1637.6	1639.5	1652.6	1664.0	1684.1
62.5°	1535.3	1513.5	1499.3	1483.6	1477.3	1470.5	1472.1	1472.7	1480.9	1489.1	1504.4
65°	1397.0	1379.8	1368.0	1354.5	1347.8	1340.8	1341.5	1341.5	1348.5	1354.5	1366.0
67.5°	1250.9	1237.9	1230.2	1219.5	1215.1	1207.8	1207.7	1205.4	1209.9	1212.4	1220.1
70°	1133.6	1120.5	1110.7	1100.4	1094.8	1088.4	1088.5	1088.7	1093.9	1099.4	1109.5
72.5°	1061.1	1048.6	1039.9	1030.9	1025.6	1020.2	1019.1	1018.6	1022.4	1025.4	1032.0
75°	965.2	955.1	950.1	941.6	937.3	931.3	930.2	927.5	929.3	929.9	934.8
77.5°	848.7	839.2	835.1	826.6	823.0	816.1	815.6	812.4	813.8	812.9	816.7
80°	716.1	707.4	705.2	698.1	696.4	690.1	689.0	685.2	686.3	683.4	684.9
82.5°	567.9	560.0	558.3	551.8	551.8	546.0	545.8	540.0	540.0	535.0	527.1
85°	400.0	394.3	391.9	386.5	385.0	380.3	377.9	372.4	370.4	366.9	365.8
87.5°	211.1	207.5	204.2	201.7	196.9	188.7	187.9	182.1	182.6	178.5	178.8
90°	60.4	55.0	53.6	48.5	47.0	43.2	41.7	42.4	43.7	44.3	45.7
92.5°	54.2	52.3	50.2	48.3	46.2	44.3	42.2	44.3	46.2	48.3	50.2
95°	61.5	59.7	57.9	56.1	54.3	52.5	50.8	52.5	54.3	56.3	58.0
97.5°	68.4	67.3	66.1	65.0	63.9	62.8	61.7	63.0	64.1	65.2	66.3
100°	78.9	77.6	76.2	74.9	73.6	72.2	70.9	72.5	73.9	75.2	76.5
102.5°	135.9	127.7	119.4	111.2	102.9	94.7	86.5	94.7	102.9	111.4	119.6
105°	321.6	293.9	266.1	238.2	210.3	182.4	154.6	182.5	210.4	238.3	266.4
107.5°	645.9	597.1	548.0	499.0	449.9	400.9	351.8	401.1	450.2	499.2	548.3
110°	958.0	915.7	873.6	831.3	788.9	746.7	704.3	746.8	789.2	831.6	874.0



TEST NUMBER: P1444840  
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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°	1127.4	1101.8	1076.0	1050.4	1024.6	999.0	973.1	999.3	1025.2	1051.1	1076.9
115°	1163.5	1149.9	1136.6	1123.0	1109.3	1095.7	1081.9	1096.2	1110.1	1123.8	1137.7
117.5°	1121.9	1117.4	1112.6	1107.9	1103.1	1098.3	1093.4	1098.6	1103.7	1109.1	1114.0
120°	1036.0	1036.8	1037.4	1037.9	1038.4	1038.8	1039.1	1039.3	1039.3	1039.3	1039.3
122.5°	942.2	945.9	949.4	953.1	956.5	960.0	963.1	960.5	957.6	954.8	951.7
125°	855.9	859.9	863.6	867.4	870.8	874.5	877.6	875.3	872.4	869.5	866.3
127.5°	783.0	786.4	789.8	793.4	796.4	799.5	802.4	800.4	797.9	795.4	792.7
130°	723.0	725.9	728.4	731.1	733.3	735.5	737.6	736.4	734.8	733.6	731.6
132.5°	679.8	682.2	684.2	686.2	687.7	689.6	690.8	690.4	689.6	688.9	687.6
135°	646.8	648.3	649.7	651.4	652.4	653.5	654.2	654.6	654.3	654.1	653.4
137.5°	619.5	620.6	621.3	622.1	622.5	622.9	623.0	623.9	624.4	625.1	625.1
140°	601.8	603.0	603.7	604.4	605.1	605.7	605.7	606.7	607.2	607.5	607.5
142.5°	583.8	584.7	585.5	586.4	586.8	587.3	587.4	588.3	588.8	589.2	589.4
145°	570.7	571.3	571.8	572.5	572.7	572.9	572.6	573.9	574.5	575.2	575.7
147.5°	557.7	558.5	558.7	559.2	559.4	559.6	559.5	560.5	561.2	561.9	562.4
150°	547.9	548.9	549.6	550.4	551.1	551.5	551.6	552.4	552.7	553.1	553.1
152.5°	538.4	539.2	539.9	540.5	541.2	541.6	541.8	542.4	543.1	543.5	543.7
155°	529.5	530.5	531.3	532.2	532.7	533.5	534.0	534.6	535.0	535.3	535.6
157.5°	522.3	523.3	524.0	524.8	525.4	526.3	526.8	527.5	528.0	528.5	528.8
160°	517.4	518.5	519.0	519.9	520.6	521.3	521.8	522.6	523.1	523.5	524.1
162.5°	515.1	515.9	516.4	517.2	517.9	518.6	519.2	519.9	520.5	521.1	521.4
165°	511.4	512.3	513.1	514.1	514.9	515.9	516.6	517.1	517.2	517.6	517.7
167.5°	512.9	513.8	514.5	515.4	516.0	517.1	517.8	518.2	518.3	518.6	518.6
170°	513.2	514.1	514.8	515.5	516.3	517.2	517.6	517.8	518.0	518.2	518.4
172.5°	513.2	514.3	515.0	516.0	516.7	517.6	518.4	518.5	518.3	518.2	517.9
175°	514.0	514.9	515.5	516.2	516.8	517.5	518.3	517.9	517.9	517.6	517.4
177.5°	518.6	519.5	520.2	520.9	521.8	522.5	523.2	522.6	522.1	521.4	520.8
180°	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5



TEST NUMBER: P1444840  
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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°	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9
2.5°	38058.7	38077.8	38106.9	38133.3	38173.1	38204.4	38251.4	38287.2	38340.3	38374.9	38432.6
5°	38062.1	38136.5	38234.5	38330.0	38444.9	38549.2	38678.8	38789.2	38919.4	39025.7	39158.9
7.5°	38115.9	38259.5	38431.6	38605.0	38801.2	38984.6	39191.3	39378.4	39582.9	39756.0	39945.0
10°	38155.6	38377.1	38630.8	38886.0	39154.5	39404.1	39656.1	39873.9	40077.3	40244.9	40392.8
12.5°	38101.8	38406.9	38732.3	39046.7	39345.3	39603.7	39820.5	39987.9	40103.5	40182.0	40200.3
15°	37918.8	38285.9	38639.8	38952.8	39200.7	39391.8	39490.8	39537.1	39487.4	39404.9	39223.4
17.5°	37577.0	37964.2	38280.6	38527.5	38658.4	38710.3	38628.4	38485.7	38207.1	37897.8	37451.0
20°	36950.2	37311.0	37540.5	37675.2	37640.2	37510.6	37201.1	36824.9	36268.5	35675.6	34893.1
22.5°	35850.9	36166.4	36288.6	36298.6	36084.8	35760.4	35202.1	34557.0	33679.3	32766.7	31644.6
25°	34200.8	34477.1	34496.4	34387.9	33996.6	33470.8	32651.2	31738.5	30545.8	29329.9	27923.7
27.5°	31963.0	32227.9	32163.1	31960.6	31417.3	30713.7	29664.3	28485.2	27014.8	25578.8	24023.2
30°	29149.8	29433.2	29357.0	29097.2	28451.2	27619.6	26384.8	25014.9	23382.3	21848.6	20272.2
32.5°	25783.3	26141.5	26089.0	25842.1	25167.8	24277.8	22938.1	21485.1	19814.9	18303.4	16770.0
35°	21956.8	22391.7	22414.3	22252.8	21626.9	20747.3	19424.3	18017.9	16418.1	14992.0	13575.5
37.5°	17834.2	18338.4	18442.0	18398.5	17879.8	17103.2	15897.8	14636.2	13218.9	11969.0	10757.5
40°	13688.8	14199.2	14376.3	14428.9	14046.0	13444.6	12455.3	11437.0	10281.5	9268.8	8306.8
42.5°	9908.3	10360.8	10532.0	10639.7	10400.7	9999.6	9278.0	8538.4	7692.0	6961.5	6261.2
45°	6881.6	7201.6	7331.8	7440.2	7310.1	7083.8	6628.0	6165.5	5606.7	5129.5	4677.5
47.5°	4811.3	4987.8	5073.7	5126.3	5075.9	4957.8	4709.8	4441.9	4126.5	3847.6	3579.4
50°	3566.2	3660.2	3705.2	3735.5	3698.7	3633.1	3499.0	3353.1	3179.9	3021.9	2867.4
52.5°	2826.1	2880.0	2906.7	2923.0	2902.0	2861.9	2783.8	2697.3	2593.4	2495.8	2444.5
55°	2380.8	2378.0	2439.8	2410.0	2439.8	2373.3	2359.2	2264.2	2177.9	2117.2	2051.5
57.5°	1963.4	1991.4	2003.2	2016.5	2008.0	1995.8	1962.6	1928.5	1883.0	1845.0	1804.4
60°	1699.6	1722.6	1735.7	1748.8	1748.0	1743.4	1724.2	1703.8	1675.4	1652.6	1628.1
62.5°	1517.8	1537.8	1550.6	1563.2	1564.3	1562.5	1547.9	1533.9	1514.5	1500.2	1483.3
65°	1374.8	1388.8	1397.6	1407.6	1407.1	1404.4	1391.2	1379.5	1363.6	1353.7	1341.2
67.5°	1225.2	1235.8	1242.5	1252.0	1253.9	1254.5	1247.2	1241.7	1234.0	1231.2	1226.9
70°	1118.8	1131.7	1142.6	1154.5	1161.0	1164.2	1161.0	1158.2	1153.7	1151.7	1148.4
72.5°	1038.2	1049.1	1057.6	1068.5	1074.6	1078.9	1076.5	1074.9	1071.0	1070.5	1068.2
75°	938.2	945.7	950.5	958.7	961.9	966.0	964.2	965.2	963.9	967.0	966.9
77.5°	817.9	823.5	825.7	831.6	832.2	837.2	838.3	844.1	848.2	857.2	862.1
80°	682.5	686.1	686.1	692.1	694.8	703.2	707.1	716.6	721.0	729.0	729.8
82.5°	530.2	526.1	530.2	527.7	535.4	544.7	546.0	554.0	555.9	561.0	557.0
85°	362.5	362.2	359.0	359.5	357.1	358.2	356.8	358.4	356.9	357.1	353.5
87.5°	173.7	175.2	171.4	172.7	169.0	170.7	167.4	170.0	166.2	166.8	161.1
90°	46.8	48.1	49.0	50.4	52.3	55.9	59.7	63.4	67.7	71.5	75.5
92.5°	52.3	54.4	56.5	58.4	60.5	66.5	72.5	78.5	84.7	90.6	96.6
95°	59.9	61.7	63.4	65.5	67.3	75.9	84.7	93.4	102.1	110.8	119.5
97.5°	67.7	68.8	70.0	71.1	72.3	82.5	92.8	103.0	113.3	123.6	133.8
100°	78.0	79.3	80.6	82.2	83.5	107.1	130.8	154.4	178.0	201.5	225.2
102.5°	128.0	136.2	144.5	153.0	161.3	218.6	276.0	333.2	390.3	447.7	504.9
105°	294.2	322.1	350.3	378.2	406.0	492.7	579.6	666.3	752.9	839.4	926.2
107.5°	597.5	646.6	695.8	744.9	793.9	875.6	957.0	1038.6	1120.2	1201.6	1282.9
110°	916.6	958.7	1001.3	1043.7	1086.1	1150.8	1215.6	1280.3	1345.1	1409.7	1474.3



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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°	1102.9	1128.7	1154.5	1180.1	1206.0	1253.4	1301.2	1348.6	1396.2	1443.4	1490.8
115°	1151.5	1164.9	1178.7	1192.3	1206.1	1234.8	1263.4	1292.1	1320.8	1349.3	1378.0
117.5°	1119.1	1124.0	1129.1	1133.6	1138.6	1153.4	1168.1	1182.7	1197.5	1212.3	1226.9
120°	1039.1	1038.7	1038.4	1037.9	1037.6	1042.0	1046.8	1051.3	1055.9	1060.3	1064.8
122.5°	948.6	945.2	942.0	938.5	935.2	933.4	932.0	930.2	928.9	927.2	925.6
125°	863.1	859.5	856.3	852.6	849.1	845.0	841.0	836.7	832.5	828.4	824.2
127.5°	790.1	787.0	784.2	780.8	777.6	772.8	768.2	763.5	758.9	754.1	749.4
130°	729.8	727.4	725.6	722.8	720.6	716.2	712.4	708.1	704.0	699.9	695.8
132.5°	686.3	684.9	683.3	681.3	679.7	675.9	672.5	668.5	664.9	661.1	657.6
135°	652.9	651.9	651.1	649.9	648.9	645.8	643.2	640.3	637.5	634.7	631.9
137.5°	625.2	624.9	624.7	624.3	623.8	621.4	619.2	616.7	614.5	612.1	609.9
140°	607.7	607.5	607.2	606.9	606.5	604.0	601.6	599.0	596.6	594.0	591.6
142.5°	589.4	589.3	589.1	588.7	588.5	586.4	584.7	582.7	580.8	578.9	577.1
145°	575.9	576.0	576.3	576.1	576.3	573.9	571.8	569.4	567.4	565.0	562.9
147.5°	563.0	563.1	563.5	563.6	563.9	561.9	560.2	558.2	556.7	554.5	552.9
150°	553.4	553.5	553.5	553.4	553.3	551.3	549.5	547.6	545.9	543.7	542.0
152.5°	544.0	544.2	544.4	544.5	544.7	542.8	540.9	538.9	536.9	534.8	532.9
155°	535.9	536.0	536.2	536.2	536.2	534.4	532.6	530.7	528.9	526.9	525.2
157.5°	529.1	529.4	529.6	529.8	529.9	528.3	526.8	525.3	523.7	522.0	520.4
160°	524.4	524.8	525.1	525.3	525.5	524.2	523.1	521.5	520.5	518.8	517.3
162.5°	521.9	522.3	522.6	522.7	523.0	521.7	520.6	519.3	518.0	516.3	515.0
165°	518.1	518.0	518.2	518.1	518.2	517.2	516.5	515.6	514.7	513.7	512.9
167.5°	518.9	518.7	519.0	518.9	519.0	518.4	518.1	517.3	516.7	515.9	515.3
170°	518.5	518.5	518.6	518.4	518.5	517.8	517.3	516.7	516.3	515.3	514.6
172.5°	517.8	517.5	517.4	517.2	516.9	516.4	516.1	515.8	515.4	514.9	514.5
175°	517.2	516.8	516.7	516.4	516.0	516.0	515.8	515.7	515.4	515.2	514.9
177.5°	520.4	520.0	519.2	518.6	518.2	518.0	517.8	517.6	517.7	517.4	517.2
180°	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5



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**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9
2.5°	38468.4	38230.8	38199.4	38216.1	38255.8	38270.5	38313.4	38325.1	38368.1	38378.8	38420.1
5°	39262.2	38948.1	38963.8	39039.3	39153.6	39221.7	39334.1	39392.9	39500.1	39548.8	39645.8
7.5°	40099.1	39852.5	39929.4	40056.8	40213.0	40321.2	40456.2	40544.1	40660.5	40732.7	40825.7
10°	40510.1	40442.5	40527.1	40627.4	40716.5	40786.3	40843.5	40889.4	40919.3	40947.4	40959.7
12.5°	40197.3	40301.9	40316.3	40306.6	40247.5	40202.5	40101.1	40032.3	39910.0	39835.6	39690.2
15°	39038.0	39267.9	39140.6	38947.8	38665.8	38430.7	38098.5	37851.3	37505.4	37270.9	36923.8
17.5°	37003.4	37293.6	36961.8	36515.8	35948.5	35463.0	34858.6	34378.8	33777.8	33340.8	32779.9
20°	34139.0	34410.2	33818.5	33079.2	32201.5	31462.9	30591.8	29896.8	29087.4	28485.2	27758.6
22.5°	30572.7	30765.9	29932.3	28935.6	27817.4	26894.6	25853.2	25019.9	24096.2	23407.8	22633.0
25°	26627.3	26679.3	25679.4	24531.2	23284.9	22247.8	21135.9	20259.9	19317.8	18620.1	17859.6
27.5°	22645.0	22568.6	21487.8	20270.2	18959.3	17881.4	16796.8	15976.0	15150.9	14522.4	13867.3
30°	18886.3	18701.2	17579.0	16327.6	15055.0	14088.9	13188.6	12529.3	11872.9	11374.4	10848.5
32.5°	15439.5	15178.4	14086.0	12913.5	11841.3	11095.7	10428.1	9929.3	9399.2	8978.1	8536.8
35°	12386.6	12108.3	11140.6	10146.6	9335.1	8785.5	8260.8	7851.5	7401.5	7046.2	6662.9
37.5°	9766.5	9538.4	8727.8	7945.6	7331.8	6905.9	6476.0	6141.5	5769.6	5613.3	5203.7
40°	7539.7	7380.3	6746.5	6169.9	5708.9	5508.8	5072.4	4760.1	4482.1	4252.9	4030.9
42.5°	5881.1	5824.6	5207.8	4758.2	4433.6	4181.5	3938.3	3740.8	3548.6	3390.7	3241.5
45°	4315.8	4271.2	3997.3	3737.8	3516.6	3340.4	3176.1	3040.2	2914.6	2810.5	2715.7
47.5°	3360.7	3346.5	3188.7	3027.8	2888.5	2775.3	2668.6	2578.4	2495.0	2425.5	2402.9
50°	2733.4	2731.6	2639.1	2539.7	2440.5	2375.0	2306.9	2253.7	2200.1	2158.4	2114.4
52.5°	2322.5	2312.4	2250.0	2188.7	2129.7	2086.8	2043.3	2009.2	1973.7	1948.0	1920.6
55°	1999.5	2010.0	1973.9	1937.3	1900.4	1873.7	1843.2	1820.7	1796.4	1780.1	1763.6
57.5°	1775.1	1789.0	1770.1	1749.4	1726.9	1709.3	1688.2	1672.8	1656.5	1646.1	1636.5
60°	1611.8	1627.1	1619.5	1609.0	1595.2	1584.7	1571.3	1562.6	1552.2	1546.4	1541.0
62.5°	1473.3	1492.4	1489.7	1484.8	1475.9	1470.0	1462.8	1459.0	1452.0	1449.5	1446.9
65°	1335.1	1356.6	1356.2	1353.8	1348.8	1347.2	1342.6	1341.8	1338.2	1339.6	1339.3
67.5°	1226.4	1245.1	1249.2	1252.2	1252.0	1253.2	1252.8	1254.6	1254.6	1257.3	1258.9
70°	1148.1	1161.0	1164.2	1167.3	1168.1	1170.6	1170.6	1172.2	1171.7	1174.1	1174.3
72.5°	1068.8	1085.8	1089.0	1091.5	1091.5	1093.9	1092.6	1092.3	1088.8	1088.2	1085.7
75°	970.1	992.0	996.9	999.9	1000.4	1002.5	999.5	997.7	992.0	989.8	985.8
77.5°	867.1	889.8	893.3	894.4	892.5	893.0	886.7	882.5	875.3	872.3	868.5
80°	733.0	766.5	769.2	767.0	761.8	761.0	754.9	750.9	742.3	739.4	736.1
82.5°	557.8	597.1	602.6	605.0	600.7	601.7	595.9	593.6	585.7	584.3	579.1
85°	352.2	391.5	397.9	397.0	392.7	391.8	388.3	389.4	388.8	390.9	392.0
87.5°	161.8	199.8	209.0	206.1	205.6	202.9	196.9	199.1	202.8	205.1	205.3
90°	79.3	94.7	98.2	96.0	89.9	87.1	81.4	79.2	74.1	71.8	66.8
92.5°	102.7	108.6	114.7	109.3	104.0	98.6	93.3	87.7	82.5	77.0	71.8
95°	128.2	136.7	145.3	138.2	130.9	123.7	116.5	109.5	102.3	95.1	88.0
97.5°	144.0	154.0	164.1	156.9	149.8	142.5	135.4	128.3	121.1	113.8	106.7
100°	248.7	271.9	295.3	275.0	254.6	234.4	214.1	193.6	173.3	153.1	132.7
102.5°	562.0	619.0	676.0	624.5	573.1	521.6	470.3	419.0	367.6	316.0	264.8
105°	1012.7	1098.9	1185.3	1106.6	1028.2	949.7	871.3	792.8	714.4	635.8	557.5
107.5°	1364.4	1444.9	1525.9	1455.0	1384.0	1313.1	1242.0	1171.2	1100.2	1029.2	958.4
110°	1538.9	1602.2	1666.6	1618.7	1571.2	1523.3	1475.8	1428.0	1380.5	1333.0	1285.5



TEST NUMBER: P1444840  
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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°	1538.1	1583.9	1630.8	1602.5	1574.8	1546.7	1518.9	1490.8	1463.1	1435.1	1407.6
115°	1406.3	1433.0	1460.9	1449.5	1438.6	1427.4	1416.2	1405.2	1394.1	1383.0	1372.3
117.5°	1241.4	1253.6	1267.6	1265.3	1263.2	1260.9	1258.8	1256.6	1254.7	1252.8	1250.8
120°	1069.2	1071.0	1074.7	1075.9	1077.3	1078.4	1079.8	1081.0	1082.4	1083.8	1085.3
122.5°	923.8	919.3	916.7	917.9	918.9	919.9	921.1	922.1	923.4	924.7	926.1
125°	820.0	812.6	807.4	805.2	803.3	801.0	798.8	796.7	794.8	792.7	790.9
127.5°	744.6	736.5	730.9	726.2	721.6	716.8	712.1	707.5	703.0	698.3	693.9
130°	691.7	684.0	678.8	672.9	667.3	661.3	655.7	649.9	644.0	638.3	632.6
132.5°	653.7	646.1	641.4	635.9	630.5	624.9	619.4	613.7	608.1	602.3	596.9
135°	629.0	622.2	618.4	613.2	608.5	603.2	598.1	593.0	588.1	582.7	578.0
137.5°	607.4	600.6	597.5	593.4	589.5	585.3	581.4	577.1	573.0	568.6	564.7
140°	589.2	582.0	578.6	576.3	574.1	571.5	569.2	566.7	564.4	562.0	559.5
142.5°	575.1	568.3	565.3	563.8	562.5	560.8	559.5	557.9	556.4	554.4	552.9
145°	560.8	553.2	550.0	549.6	549.6	549.2	549.0	548.7	548.6	548.1	547.8
147.5°	550.9	543.1	540.0	540.3	540.4	540.5	540.9	540.8	541.2	541.3	541.5
150°	540.0	531.1	527.5	528.1	528.5	529.2	529.7	530.2	530.9	531.4	532.0
152.5°	530.7	520.2	516.1	516.8	517.6	518.1	518.8	519.6	520.4	521.3	521.9
155°	522.9	511.8	507.3	507.3	507.7	507.8	508.2	508.7	509.1	509.5	510.1
157.5°	518.6	506.8	502.5	502.2	502.3	502.3	502.5	502.7	503.0	503.2	503.7
160°	515.9	504.2	500.1	499.7	499.8	499.7	499.7	499.7	500.0	500.2	500.7
162.5°	513.4	502.0	498.0	497.6	497.5	497.4	497.4	497.3	497.5	497.5	498.0
165°	511.7	501.8	498.2	498.1	498.2	498.2	498.3	498.5	498.9	499.1	499.5
167.5°	514.4	505.5	502.7	502.3	501.9	501.4	501.4	500.9	500.9	500.6	500.6
170°	513.8	506.8	504.3	504.2	504.5	504.4	504.3	504.5	504.5	504.4	504.7
172.5°	514.0	508.9	507.0	507.3	507.7	508.0	508.5	508.8	509.2	509.6	510.1
175°	514.7	511.7	510.9	510.8	511.1	511.3	511.6	511.8	512.0	512.2	512.8
177.5°	517.2	516.2	515.8	515.8	515.8	515.8	515.8	515.8	515.8	515.9	515.9
180°	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5



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 CATALOG NUMBER: EHBR1-48-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°	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9
2.5°	38428.0	38472.8	38469.3	38511.2	38509.1	38548.5	38540.6	38574.6	38566.9	38595.9	38578.9
5°	39688.5	39773.7	39801.8	39878.7	39894.6	39963.5	39964.9	40019.6	40013.0	40055.7	40033.0
7.5°	40880.9	40960.4	40998.2	41057.9	41087.8	41137.2	41156.6	41197.3	41207.1	41231.1	41230.3
10°	40981.5	40981.2	40999.9	40991.6	41008.2	40998.6	41019.0	41011.6	41041.7	41034.0	41056.7
12.5°	39627.5	39493.0	39444.0	39323.3	39296.9	39193.3	39200.7	39134.2	39166.3	39125.5	39195.0
15°	36717.4	36405.6	36251.5	35980.5	35895.5	35681.2	35663.9	35521.5	35560.0	35485.5	35594.4
17.5°	32417.0	31926.2	31656.9	31261.1	31103.9	30800.9	30740.2	30557.0	30585.5	30493.1	30624.6
20°	27289.9	26696.8	26357.0	25899.4	25695.2	25334.0	25238.1	25033.2	25058.9	24967.1	25115.8
22.5°	22104.2	21483.4	21099.9	20620.1	20359.4	20019.7	19917.7	19711.9	19723.6	19637.4	19780.4
25°	17338.8	16743.6	16371.3	15935.5	15709.3	15397.9	15290.7	15105.9	15116.3	15045.2	15173.6
27.5°	13412.8	12924.4	12613.0	12247.7	12044.9	11788.9	11684.4	11528.9	11528.6	11476.4	11583.6
30°	10481.4	10073.9	9794.2	9476.1	9285.6	9054.6	8953.7	8814.6	8808.5	8771.5	8856.7
32.5°	8206.7	7844.2	7589.1	7309.2	7138.2	6939.9	6844.4	6732.6	6722.5	6688.9	6758.9
35°	6379.6	6074.4	5855.0	5619.3	5636.7	5344.2	5392.8	5165.6	5104.0	5090.5	5142.6
37.5°	4930.7	4694.3	4516.2	4339.6	4220.1	4096.4	4029.8	3970.1	3963.3	3957.5	3994.0
40°	3859.4	3694.0	3564.4	3443.3	3361.0	3285.5	3243.9	3211.1	3203.3	3198.9	3221.0
42.5°	3123.6	3012.0	2928.4	2854.6	2804.5	2763.5	2740.6	2722.5	2716.3	2716.5	2729.4
45°	2639.1	2571.3	2517.5	2471.6	2439.6	2453.7	2412.4	2434.0	2405.4	2434.9	2415.5
47.5°	2324.1	2266.4	2233.1	2200.5	2181.2	2165.6	2166.2	2166.4	2172.6	2173.5	2179.9
50°	2081.0	2047.7	2024.5	2003.7	1993.6	1985.4	1988.3	1990.4	1996.3	1996.8	2001.5
52.5°	1901.1	1879.2	1865.2	1852.3	1847.8	1843.2	1845.1	1844.3	1847.0	1845.6	1849.4
55°	1754.7	1744.4	1740.0	1735.2	1735.9	1734.6	1735.5	1730.8	1728.0	1724.5	1727.7
57.5°	1634.6	1633.2	1636.2	1638.1	1643.6	1645.6	1646.9	1641.5	1636.4	1631.8	1634.5
60°	1542.1	1544.3	1551.7	1557.5	1565.4	1569.2	1571.4	1568.3	1564.6	1560.8	1563.1
62.5°	1450.8	1454.3	1463.1	1469.7	1479.3	1484.2	1489.7	1490.0	1491.5	1490.0	1491.6
65°	1344.7	1349.1	1357.0	1362.5	1371.5	1375.9	1381.4	1382.5	1385.5	1384.9	1387.6
67.5°	1264.1	1268.2	1274.8	1280.0	1287.9	1292.5	1297.4	1297.7	1298.8	1298.5	1301.0
70°	1178.3	1180.2	1186.2	1190.5	1198.5	1203.1	1208.8	1210.5	1214.0	1214.6	1217.4
72.5°	1086.7	1085.8	1089.4	1091.3	1097.3	1101.0	1108.2	1112.1	1118.1	1119.7	1121.8
75°	986.9	986.1	990.3	992.0	997.1	1000.8	1008.9	1014.1	1023.2	1027.0	1026.1
77.5°	871.5	873.4	881.3	885.7	892.5	897.2	907.7	916.0	932.9	940.1	932.7
80°	742.3	744.5	752.7	756.8	765.6	771.3	783.0	792.7	807.9	811.2	806.9
82.5°	583.6	584.2	591.5	594.7	606.2	614.6	629.4	637.2	646.5	645.1	644.0
85°	397.9	403.3	412.5	421.7	435.8	449.3	463.4	475.0	466.8	479.6	465.2
87.5°	212.7	212.1	224.5	222.6	242.3	253.8	266.0	271.8	278.3	277.0	277.1
90°	65.0	61.6	61.4	57.6	58.3	54.3	56.0	52.3	54.7	50.1	57.0
92.5°	66.2	63.5	60.5	57.8	54.7	51.9	48.8	45.9	43.0	40.2	43.0
95°	80.9	78.2	75.6	72.8	70.1	67.5	64.7	62.0	59.4	56.7	60.1
97.5°	99.5	97.9	96.3	94.8	93.3	91.7	90.1	88.6	86.9	85.3	87.6
100°	112.4	112.4	112.4	112.4	112.1	112.1	112.1	112.1	112.1	112.1	113.8
102.5°	213.3	208.1	203.0	197.7	192.6	187.4	182.2	177.1	172.0	166.9	174.4
105°	479.1	459.0	438.8	418.8	398.5	378.4	358.3	338.3	318.2	298.1	318.9
107.5°	887.7	850.9	814.3	777.6	740.8	704.3	667.7	631.1	594.6	558.0	590.8
110°	1237.9	1198.9	1160.0	1121.1	1082.3	1043.3	1004.5	965.7	926.9	888.0	919.3



TEST NUMBER: P1444840  
 CATALOG NUMBER: EHBR1-48-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°	1379.9	1354.4	1329.3	1304.2	1279.1	1254.0	1228.9	1204.0	1179.0	1154.0	1169.2
115°	1361.2	1349.2	1337.1	1325.2	1313.2	1301.1	1289.2	1277.4	1265.5	1253.7	1254.6
117.5°	1248.9	1244.7	1240.6	1236.6	1232.5	1228.5	1224.6	1220.8	1216.8	1213.2	1204.7
120°	1087.0	1088.0	1089.0	1090.2	1091.5	1093.0	1094.1	1095.6	1097.2	1098.8	1087.4
122.5°	927.5	930.1	932.9	935.7	938.7	941.8	944.9	948.2	951.6	954.9	943.6
125°	788.8	791.5	794.1	796.9	799.5	802.8	805.9	809.2	812.4	815.9	806.3
127.5°	689.4	690.2	690.7	691.7	692.6	693.9	695.2	696.5	698.1	699.9	693.8
130°	626.8	625.5	624.0	623.0	621.6	620.8	620.1	619.5	618.9	618.5	615.9
132.5°	591.3	588.6	585.8	583.1	580.6	578.5	576.1	574.3	572.3	570.7	569.9
135°	572.6	568.9	565.2	561.8	558.2	555.3	551.9	549.3	546.5	543.9	544.5
137.5°	560.5	556.9	553.2	549.9	546.3	543.4	540.1	537.3	534.7	532.1	533.2
140°	556.9	553.3	549.6	546.3	543.1	539.9	536.8	534.2	531.1	528.9	529.5
142.5°	551.3	548.3	544.7	541.8	538.7	535.9	533.2	530.8	528.0	525.9	526.7
145°	547.4	545.1	542.6	540.2	538.0	536.1	533.7	532.1	530.3	528.9	529.3
147.5°	541.4	539.8	537.7	536.2	534.3	532.9	531.3	530.1	528.7	527.7	527.9
150°	532.5	531.4	530.2	529.1	528.0	527.0	526.1	525.3	524.4	523.8	523.8
152.5°	522.7	521.8	520.6	519.7	518.7	517.9	517.1	516.5	515.8	515.1	515.1
155°	510.5	510.1	509.6	509.4	509.0	508.9	508.4	508.5	508.1	508.1	508.2
157.5°	503.9	504.0	503.7	503.9	503.8	503.9	503.8	504.2	504.0	504.4	504.7
160°	501.1	500.9	500.7	500.7	500.5	500.3	500.3	500.3	500.3	500.2	500.7
162.5°	498.2	498.5	498.7	499.0	499.4	499.6	500.1	500.7	500.9	501.5	502.0
165°	500.0	500.0	499.8	499.8	500.0	500.0	500.1	500.6	500.6	500.9	501.5
167.5°	500.5	500.8	500.9	501.2	501.6	502.2	502.4	503.1	503.6	504.4	504.9
170°	504.6	504.6	504.6	504.6	504.6	504.9	505.0	505.1	505.3	505.7	506.1
172.5°	510.4	510.4	510.1	510.4	510.1	510.4	510.4	510.5	510.5	510.7	510.9
175°	512.7	513.2	513.4	513.8	513.8	514.1	514.3	514.5	514.7	515.1	515.1
177.5°	515.9	516.0	516.0	516.0	516.0	516.2	516.2	516.2	516.2	516.0	516.2
180°	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5



TEST NUMBER: P1444840  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L940-UPL40

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9
2.5°	38607.3	38587.9	38607.7	38587.6	38607.7	38583.6	38599.9	38573.9	38580.6	38553.5	38560.5
5°	40067.1	40036.3	40052.7	40012.7	40016.9	39963.5	39962.5	39900.3	39883.9	39813.1	39782.0
7.5°	41247.5	41237.4	41243.1	41217.3	41214.4	41177.9	41160.6	41109.1	41076.7	41011.6	40967.1
10°	41060.6	41090.7	41098.5	41129.2	41135.5	41165.9	41172.3	41202.7	41209.0	41231.5	41231.7
12.5°	39191.7	39293.9	39318.3	39444.6	39497.7	39642.1	39719.6	39878.7	39973.2	40131.9	40229.4
15°	35591.4	35768.1	35838.6	36085.1	36221.4	36509.1	36690.0	37020.3	37253.5	37604.4	37854.6
17.5°	30636.1	30883.2	30994.7	31328.9	31546.9	31971.6	32277.7	32781.4	33167.1	33727.0	34170.7
20°	25141.2	25415.8	25567.1	25948.4	26205.7	26701.9	27084.0	27703.0	28219.3	28928.7	29535.3
22.5°	19825.2	20086.6	20254.5	20642.5	20932.1	21449.6	21876.7	22530.1	23108.5	23907.9	24635.3
25°	15222.1	15461.5	15613.4	15964.2	16236.3	16711.8	17119.6	17748.0	18314.0	19115.9	19861.7
27.5°	11637.1	11837.6	11984.0	12283.2	12523.1	12926.4	13276.7	13796.1	14283.7	14977.4	15641.6
30°	8909.1	9086.9	9229.3	9489.9	9712.4	10062.0	10370.1	10806.3	11209.8	11761.8	12290.3
32.5°	6808.1	6961.2	7088.1	7316.1	7517.9	7832.7	8110.3	8492.7	8839.1	9307.2	9741.9
35°	5190.8	5492.1	5470.7	5785.2	5835.8	6061.8	6309.4	6643.8	6950.5	7348.6	7718.6
37.5°	4029.0	4113.7	4204.3	4343.4	4489.5	4695.1	4904.3	5312.8	5462.6	5763.5	6069.8
40°	3248.9	3306.2	3366.1	3460.0	3562.4	3707.2	3859.5	4054.4	4254.1	4498.0	4747.2
42.5°	2746.7	2779.1	2817.2	2872.4	2935.5	3027.4	3129.3	3261.4	3400.3	3572.0	3747.3
45°	2454.0	2438.7	2449.9	2479.7	2517.7	2573.5	2637.8	2719.6	2810.0	2921.3	3039.7
47.5°	2181.2	2187.4	2190.8	2206.9	2227.3	2264.7	2303.7	2359.2	2466.5	2499.1	2563.7
50°	2001.0	2004.0	2002.9	2011.1	2021.5	2045.8	2071.1	2108.7	2146.2	2196.0	2243.5
52.5°	1850.0	1854.2	1853.6	1859.0	1864.5	1879.9	1895.9	1922.5	1947.0	1978.7	2005.9
55°	1730.7	1736.5	1738.7	1743.3	1745.9	1754.0	1760.3	1773.1	1783.5	1801.4	1818.0
57.5°	1639.0	1646.9	1650.5	1652.1	1648.8	1648.5	1646.3	1649.0	1651.2	1660.8	1670.1
60°	1566.7	1573.1	1574.1	1573.1	1567.2	1562.9	1556.1	1554.0	1552.9	1557.5	1562.6
62.5°	1491.2	1493.4	1491.8	1490.0	1483.3	1479.2	1472.1	1469.5	1467.2	1470.4	1473.0
65°	1386.6	1388.5	1386.6	1385.5	1379.4	1376.1	1370.2	1368.2	1364.8	1365.7	1365.0
67.5°	1301.6	1303.7	1302.1	1300.5	1296.3	1294.3	1290.0	1287.1	1283.0	1281.5	1278.6
70°	1217.0	1218.6	1216.2	1214.6	1209.8	1208.0	1203.9	1203.0	1199.8	1199.0	1195.8
72.5°	1119.7	1119.7	1116.4	1115.4	1111.8	1111.7	1110.1	1111.5	1111.5	1113.1	1112.4
75°	1020.0	1018.6	1014.4	1013.6	1010.9	1012.2	1010.4	1012.8	1013.1	1016.8	1017.2
77.5°	920.3	915.0	907.0	903.1	897.7	897.1	893.9	896.1	895.4	899.6	901.3
80°	794.2	787.8	777.6	772.5	766.2	765.3	762.4	765.3	763.8	768.8	772.2
82.5°	634.1	628.6	617.9	613.9	606.5	607.2	604.1	607.2	606.8	614.1	618.4
85°	469.0	465.4	454.4	444.6	433.7	427.3	421.1	420.0	418.1	421.1	423.6
87.5°	270.9	267.5	258.9	253.2	234.1	235.0	227.5	227.1	225.3	223.6	227.5
90°	56.6	62.5	62.3	67.8	68.2	74.3	75.2	81.1	81.4	87.5	88.7
92.5°	45.9	48.8	51.7	54.7	57.6	60.5	63.4	66.2	72.5	78.4	85.0
95°	63.4	66.8	70.2	73.4	76.8	80.1	83.5	86.8	96.0	105.1	114.2
97.5°	89.9	92.0	94.3	96.5	98.8	101.0	103.2	105.5	115.3	125.2	135.0
100°	115.6	117.4	119.2	121.0	122.8	124.6	126.3	128.1	147.4	166.3	185.3
102.5°	182.0	189.6	197.2	204.8	212.6	220.1	227.8	235.3	279.0	322.5	366.0
105°	339.6	360.4	381.3	402.0	422.8	443.6	464.3	485.1	554.9	624.5	694.4
107.5°	623.6	656.3	689.1	722.0	754.8	787.7	820.5	853.5	921.4	989.5	1057.5
110°	950.5	981.9	1013.1	1044.5	1075.7	1107.1	1138.4	1169.9	1210.8	1251.6	1292.4



TEST NUMBER: P1444840  
 CATALOG NUMBER: EHBR1-48-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°	1184.5	1199.6	1215.0	1230.2	1245.6	1261.0	1276.4	1291.8	1312.3	1332.6	1353.2
115°	1255.6	1256.5	1257.6	1258.7	1259.9	1260.9	1262.3	1263.5	1270.1	1276.5	1283.2
117.5°	1196.3	1188.0	1179.8	1171.5	1163.3	1155.4	1147.4	1139.5	1138.3	1137.1	1136.0
120°	1076.5	1065.2	1054.2	1042.9	1032.1	1021.1	1010.5	999.7	994.3	989.0	983.7
122.5°	932.5	921.4	910.4	899.4	888.6	878.0	867.5	856.9	853.2	849.5	845.9
125°	797.0	787.8	778.7	769.6	760.9	752.1	743.5	734.9	734.9	734.8	735.1
127.5°	688.2	682.6	677.1	671.8	666.8	661.6	656.7	651.7	654.4	657.1	659.8
130°	613.5	611.2	609.1	606.7	605.1	603.1	601.5	599.7	604.4	608.6	613.3
132.5°	569.8	569.4	569.4	569.3	569.6	569.8	570.4	570.6	575.9	580.8	586.1
135°	545.3	546.0	547.2	548.3	549.9	551.1	552.7	554.0	559.2	563.8	569.0
137.5°	534.4	535.6	537.1	538.7	540.6	542.3	544.4	546.1	550.1	554.0	558.0
140°	530.7	531.5	532.9	534.2	535.7	537.1	539.0	540.4	543.9	546.8	550.0
142.5°	527.9	528.5	529.8	531.1	532.6	533.8	535.4	536.7	539.1	541.4	544.1
145°	530.1	530.7	531.8	532.5	533.7	534.8	536.0	537.0	538.7	540.1	541.7
147.5°	528.4	528.8	529.5	530.3	531.1	531.8	532.5	533.2	534.4	535.4	536.4
150°	524.1	524.2	524.6	524.8	525.4	526.0	526.6	526.9	527.8	528.6	529.7
152.5°	515.5	515.6	515.9	516.1	516.5	516.9	517.2	517.7	518.6	519.3	520.2
155°	508.7	509.2	509.8	510.3	510.9	511.2	511.9	512.3	513.1	513.6	514.4
157.5°	505.2	505.5	506.3	506.5	507.3	507.7	508.2	508.7	509.3	509.8	510.4
160°	501.5	502.3	502.9	503.7	504.5	505.1	506.0	506.7	507.3	507.7	508.3
162.5°	502.5	503.1	503.6	504.0	504.6	505.1	505.6	506.2	507.1	507.7	508.5
165°	502.3	503.0	503.8	504.4	505.3	506.1	506.8	507.6	507.9	508.5	509.0
167.5°	505.7	506.2	507.2	507.7	508.6	509.2	510.1	510.6	511.2	511.5	512.0
170°	506.7	507.4	508.1	508.7	509.4	509.9	510.7	511.2	511.9	512.5	513.2
172.5°	511.5	511.9	512.5	512.8	513.3	514.0	514.5	514.8	515.5	516.0	516.5
175°	515.1	515.1	515.2	515.4	515.5	515.5	515.7	515.9	516.0	516.2	516.3
177.5°	516.5	516.7	516.9	517.2	517.3	517.5	517.8	518.0	518.0	518.0	518.0
180°	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5



TEST NUMBER: P1444840  
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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°	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9
2.5°	38533.5	38535.2	38504.1	38502.4	38473.3	38469.6	38441.2	38432.6	38409.6	38401.2	38377.7
5°	39702.6	39664.7	39577.2	39525.8	39439.4	39382.1	39288.5	39227.5	39137.2	39069.1	38978.2
7.5°	40885.0	40826.2	40728.0	40648.4	40528.4	40432.7	40292.3	40177.3	40025.3	39893.6	39733.9
10°	41231.7	41222.7	41197.7	41161.2	41105.4	41042.7	40947.1	40847.5	40714.3	40569.5	40392.1
12.5°	40378.5	40470.7	40596.3	40670.7	40761.4	40801.0	40838.2	40828.9	40804.4	40731.3	40628.6
15°	38217.1	38476.0	38818.8	39084.5	39390.2	39612.3	39857.7	40010.5	40163.0	40233.4	40276.4
17.5°	34778.8	35269.0	35883.7	36393.2	36980.9	37453.0	37970.5	38360.1	38760.7	39047.8	39307.3
20°	30362.3	31072.5	31941.9	32710.0	33603.1	34379.1	35229.6	35927.8	36647.8	37210.9	37743.7
22.5°	25571.9	26415.4	27466.5	28440.2	29591.5	30626.2	31793.5	32809.6	33870.4	34756.7	35613.6
25°	20861.3	21786.3	22935.7	24022.0	25325.9	26529.4	27913.9	29180.3	30551.4	31741.8	32917.8
27.5°	16559.9	17468.1	18641.5	19797.8	21176.6	22459.0	23942.5	25337.6	26898.8	28338.5	29811.4
30°	13024.5	13794.8	14846.9	15966.9	17326.8	18631.8	20131.3	21566.2	23190.3	24762.3	26421.2
32.5°	10318.9	10905.7	11732.9	12680.0	13934.7	15177.0	16604.8	17990.0	19589.3	21177.3	22902.6
35°	8195.1	8652.8	9283.5	10022.5	11085.1	12156.0	13418.9	14678.5	16170.7	17677.5	19354.5
37.5°	6462.3	6833.6	7327.6	7882.7	8735.0	9613.8	10649.5	11693.7	12990.3	14326.0	15845.8
40°	5046.4	5347.1	5731.6	6145.6	6789.2	7466.3	8267.1	9077.0	10118.7	11210.3	12468.1
42.5°	3964.2	4186.2	4457.7	4760.3	5360.8	5720.2	6263.4	6849.1	7614.8	8407.4	9353.0
45°	3183.6	3335.0	3523.4	3726.3	4005.0	4310.0	4681.9	5071.9	5799.4	6156.2	6731.3
47.5°	2658.6	2760.3	2880.1	3008.0	3172.3	3349.7	3570.3	3795.8	4087.5	4389.8	4744.2
50°	2305.1	2408.4	2449.6	2515.8	2610.9	2712.2	2836.6	2961.0	3117.4	3275.9	3458.4
52.5°	2042.7	2076.4	2121.1	2163.3	2222.2	2337.5	2374.8	2439.8	2527.6	2613.4	2709.1
55°	1842.3	1864.2	1893.3	1918.7	1954.4	1988.4	2037.6	2080.8	2139.3	2191.0	2254.7
57.5°	1686.3	1700.3	1720.5	1737.1	1760.3	1779.4	1808.2	1831.7	1865.3	1894.6	1933.2
60°	1573.0	1582.3	1595.8	1606.7	1621.4	1631.5	1645.8	1656.7	1674.5	1689.4	1710.9
62.5°	1480.4	1485.2	1494.1	1500.5	1509.8	1514.9	1522.5	1527.3	1537.0	1544.6	1556.6
65°	1369.3	1370.5	1376.4	1379.1	1386.5	1389.1	1395.3	1397.6	1405.7	1411.2	1421.8
67.5°	1278.3	1275.8	1275.9	1273.8	1274.8	1272.6	1273.3	1271.0	1274.2	1275.9	1284.0
70°	1195.2	1191.7	1190.5	1186.7	1185.6	1181.7	1180.6	1177.0	1176.6	1175.5	1178.3
72.5°	1114.2	1113.3	1113.6	1110.9	1110.6	1107.9	1108.0	1106.3	1108.2	1109.0	1112.7
75°	1021.2	1021.5	1023.2	1020.9	1021.5	1019.3	1020.2	1018.0	1019.1	1018.8	1022.4
77.5°	907.8	910.5	915.4	914.4	916.0	913.5	914.6	911.6	912.5	910.5	911.9
80°	780.3	786.0	792.6	792.4	795.2	793.3	795.9	793.0	794.2	790.8	789.9
82.5°	629.0	633.8	640.9	641.2	647.4	648.5	655.4	655.1	659.5	656.7	654.7
85°	430.0	433.3	439.5	442.9	449.2	453.2	459.9	462.6	457.7	466.5	459.6
87.5°	224.5	232.9	228.3	239.1	236.5	247.5	245.2	255.4	253.4	262.2	261.0
90°	96.2	98.0	105.9	108.1	117.3	120.4	123.6	119.8	122.9	119.3	122.4
92.5°	90.9	97.5	103.8	110.0	116.3	122.7	116.7	111.0	105.1	99.5	93.5
95°	123.3	132.6	141.7	150.8	160.0	169.1	159.3	149.5	139.7	130.0	120.1
97.5°	144.8	154.7	164.4	174.2	184.3	194.1	182.4	170.9	159.2	147.8	136.1
100°	204.2	223.3	242.2	261.2	280.3	299.3	277.8	256.1	234.7	213.1	191.4
102.5°	409.8	453.2	496.8	540.5	584.0	627.6	581.9	536.3	490.2	444.4	398.5
105°	764.0	833.8	903.5	973.3	1043.0	1113.0	1038.6	964.3	889.9	815.7	741.2
107.5°	1125.6	1193.4	1261.7	1329.6	1397.7	1466.0	1390.7	1315.3	1240.0	1164.6	1089.1
110°	1333.5	1374.4	1415.4	1456.3	1497.2	1538.4	1483.4	1428.4	1373.4	1318.4	1263.3



TEST NUMBER: P1444840  
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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°	1373.6	1394.5	1414.8	1435.6	1456.1	1476.8	1437.5	1398.4	1358.9	1319.8	1280.4
115°	1290.0	1296.5	1303.2	1310.0	1316.5	1323.2	1296.8	1270.5	1244.0	1217.6	1190.9
117.5°	1135.0	1134.2	1133.1	1132.3	1131.1	1130.2	1115.5	1100.8	1085.9	1071.1	1056.3
120°	978.3	973.0	967.8	962.5	957.1	951.7	945.6	939.7	933.2	927.0	920.7
122.5°	842.3	838.8	835.1	831.6	827.7	824.0	821.7	819.7	817.1	814.9	812.3
125°	735.1	735.2	735.2	735.3	735.2	735.2	734.0	733.0	731.8	730.9	729.5
127.5°	662.2	665.0	667.4	670.0	672.5	675.0	674.7	674.8	674.5	674.3	674.0
130°	617.5	622.2	626.4	630.7	634.8	639.4	638.6	638.2	637.7	637.2	636.5
132.5°	591.1	596.2	601.1	606.3	611.1	616.0	615.3	614.7	613.7	613.1	612.3
135°	573.7	578.5	583.0	588.1	592.4	597.1	596.1	595.2	594.0	593.4	592.2
137.5°	561.6	565.8	569.4	573.1	576.8	580.6	579.4	578.6	577.3	576.7	575.5
140°	552.9	556.1	558.9	562.1	564.9	567.9	566.5	565.3	563.9	562.6	561.2
142.5°	546.2	548.6	550.7	553.1	555.2	557.5	555.4	553.6	551.7	549.9	548.0
145°	543.1	544.9	546.3	547.8	548.8	550.5	548.2	546.1	543.7	541.7	539.2
147.5°	537.3	538.4	539.1	540.1	540.6	541.7	539.4	537.4	535.2	532.9	530.8
150°	530.3	531.4	532.1	532.8	533.5	534.4	532.0	529.8	527.4	525.1	522.9
152.5°	521.1	521.8	522.6	523.1	523.9	524.4	522.2	520.2	517.9	515.7	513.4
155°	514.6	515.3	515.6	516.1	516.3	516.7	514.6	513.2	511.3	509.4	507.4
157.5°	510.7	511.3	511.8	512.0	512.3	512.8	511.3	510.0	508.5	507.2	505.6
160°	508.7	509.1	509.5	509.8	510.3	510.4	509.2	508.2	507.1	505.8	504.4
162.5°	509.1	509.8	510.4	510.8	511.6	512.0	510.6	509.3	507.9	506.5	505.0
165°	509.3	509.8	510.3	510.6	510.8	511.2	510.3	509.4	508.3	507.5	506.4
167.5°	512.3	513.0	513.2	513.6	513.8	514.1	513.1	512.4	511.3	510.3	509.1
170°	513.6	514.2	514.7	515.2	515.7	515.9	515.3	514.6	513.7	513.0	512.0
172.5°	517.0	517.5	517.7	518.2	518.5	518.9	518.2	517.3	516.5	515.7	514.7
175°	516.3	516.5	516.8	516.8	516.8	516.9	516.2	515.6	514.9	514.3	513.5
177.5°	518.0	518.0	518.0	517.9	517.9	517.9	517.4	517.0	516.6	516.1	515.5
180°	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5



TEST NUMBER: P1444840  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L940-UPL40

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9	38129.9
2.5°	38369.5	38352.8	38342.1	38328.4	38320.0	38309.4	38301.6	38295.0	38289.6	38284.7	38280.9
5°	38909.0	38823.2	38756.6	38684.5	38625.4	38566.3	38520.7	38483.0	38457.0	38437.6	38426.0
7.5°	39595.9	39438.9	39299.3	39152.3	39020.6	38891.1	38779.4	38683.1	38610.9	38564.2	38535.7
10°	40209.4	39999.2	39791.3	39572.6	39365.1	39164.0	38978.2	38814.9	38685.6	38599.7	38549.4
12.5°	40484.4	40305.3	40093.1	39855.5	39601.3	39344.0	39093.4	38867.3	38677.5	38550.2	38476.7
15°	40242.2	40168.6	40024.6	39840.2	39599.0	39333.1	39038.7	38762.0	38507.5	38342.4	38246.8
17.5°	39454.4	39556.9	39545.8	39475.4	39301.9	39078.2	38778.2	38467.4	38149.0	37928.4	37807.9
20°	38124.8	38447.3	38610.9	38694.9	38626.8	38481.6	38210.0	37894.6	37523.5	37235.5	37059.7
22.5°	36256.5	36825.9	37180.7	37440.3	37495.4	37446.0	37206.1	36906.1	36492.6	36146.3	35886.7
25°	33851.3	34685.5	35246.3	35685.8	35856.6	35900.7	35696.7	35398.3	34937.2	34533.9	34177.3
27.5°	31018.4	32102.3	32851.0	33441.7	33708.3	33824.0	33636.1	33331.8	32786.3	32304.8	31839.1
30°	27829.1	29115.0	30016.5	30724.7	31049.8	31202.6	31003.0	30663.3	30028.5	29449.1	28862.4
32.5°	24415.5	25822.7	26805.0	27574.2	27896.3	28039.9	27779.0	27397.4	26663.7	25981.2	25296.9
35°	20841.6	22262.0	23252.5	24001.2	24271.1	24357.8	24024.0	23582.9	22770.1	22020.9	21274.9
37.5°	17194.8	18516.3	19416.5	20088.5	20255.6	20270.5	19868.4	19381.2	18526.8	17788.2	17045.5
40°	13579.6	14694.0	15420.9	15958.7	16016.7	15965.0	15527.7	15037.5	14238.2	13576.5	12924.4
42.5°	10174.2	11015.4	11534.1	11902.6	11880.7	11778.5	11377.6	10956.2	10296.8	9792.8	9279.7
45°	7256.8	7811.4	8114.6	8330.3	8261.1	8163.7	7851.7	7556.3	7108.3	6782.7	6437.9
47.5°	5041.4	5703.7	5588.4	6010.0	5646.8	5886.7	5387.1	5111.6	4873.8	4700.8	4505.9
50°	3609.2	3761.0	3834.3	3884.3	3857.8	3820.9	3731.1	3650.8	3542.2	3463.0	3370.8
52.5°	2787.3	2863.1	2904.7	2934.8	2928.9	2915.5	2876.3	2840.6	2789.7	2756.2	2715.7
55°	2361.0	2362.1	2438.5	2405.7	2454.2	2397.4	2419.8	2356.9	2367.0	2313.0	2276.8
57.5°	1961.9	1993.0	2007.0	2020.6	2016.7	2014.3	1999.1	1991.6	1974.4	1969.2	1957.0
60°	1725.7	1742.0	1745.3	1751.6	1746.4	1744.4	1732.5	1728.3	1716.8	1714.7	1706.7
62.5°	1563.8	1572.2	1572.2	1572.2	1565.4	1558.8	1545.7	1538.8	1529.0	1526.9	1522.2
65°	1428.7	1437.3	1438.7	1440.5	1435.6	1430.5	1418.9	1411.4	1401.4	1397.6	1392.3
67.5°	1289.2	1298.4	1301.5	1306.2	1303.4	1302.3	1294.4	1291.4	1284.8	1283.2	1278.3
70°	1179.6	1183.5	1183.2	1183.1	1176.9	1171.4	1162.1	1157.8	1150.9	1149.5	1144.9
72.5°	1114.5	1117.2	1115.6	1113.1	1105.1	1096.9	1086.1	1078.2	1069.2	1063.6	1057.1
75°	1022.9	1026.4	1024.1	1022.6	1015.3	1010.0	1001.3	997.0	990.6	988.8	984.4
77.5°	910.2	911.9	908.3	907.8	902.3	898.9	892.4	891.3	886.6	886.7	882.5
80°	784.8	783.9	777.9	776.8	771.3	769.9	764.8	765.1	761.4	762.9	759.9
82.5°	645.8	642.3	634.5	632.2	625.9	625.3	622.0	624.8	622.5	625.9	623.9
85°	462.8	463.8	460.4	460.4	458.6	459.1	458.8	461.0	461.3	464.3	464.2
87.5°	258.1	261.7	261.0	264.4	264.2	268.0	269.3	275.0	275.7	280.9	280.9
90°	119.0	122.5	118.9	122.6	121.1	126.1	125.6	130.5	129.3	133.5	131.1
92.5°	87.8	81.9	76.3	70.3	67.5	64.3	61.9	58.4	55.8	52.6	49.7
95°	110.3	100.5	90.6	80.9	77.5	74.1	70.7	67.4	64.1	60.7	57.4
97.5°	124.6	112.9	101.4	89.7	86.8	83.9	81.0	78.1	75.1	72.2	69.3
100°	169.7	148.1	126.6	104.8	102.4	99.9	97.5	95.0	92.5	89.9	87.5
102.5°	352.7	306.7	260.8	214.8	206.2	197.4	188.8	179.9	171.1	162.5	153.8
105°	666.9	592.3	518.0	443.5	419.8	396.1	372.6	348.8	325.1	301.5	277.9
107.5°	1013.6	938.0	862.5	786.9	743.4	699.7	655.9	612.0	568.5	524.6	480.8
110°	1208.3	1153.2	1098.0	1042.7	1007.8	972.5	937.2	902.0	866.9	831.6	796.3



TEST NUMBER: P1444840  
 CATALOG NUMBER: EHBR1-48-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°	1241.0	1201.5	1162.0	1122.4	1106.6	1090.5	1074.7	1058.7	1042.7	1026.6	1010.6
115°	1164.3	1137.7	1111.1	1084.2	1078.8	1073.1	1067.6	1061.8	1056.3	1050.5	1044.7
117.5°	1041.5	1026.5	1011.5	996.6	997.5	998.4	999.7	1000.4	1001.2	1001.9	1002.7
120°	914.3	907.9	901.7	895.3	900.3	905.1	910.1	914.7	919.3	923.8	928.5
122.5°	810.2	807.6	805.3	802.5	808.7	814.5	820.3	826.1	831.8	837.1	842.7
125°	728.5	727.1	726.0	724.5	730.8	736.7	742.6	748.3	754.0	759.4	764.9
127.5°	674.0	673.7	673.6	673.1	677.7	681.7	686.0	689.8	694.0	697.5	701.2
130°	635.9	635.3	634.8	634.1	638.1	641.9	645.9	649.3	653.0	656.1	659.4
132.5°	611.6	610.7	610.0	609.1	612.2	614.9	617.8	620.0	622.6	624.6	626.7
135°	591.5	590.3	589.5	588.2	590.9	593.6	596.2	598.4	600.7	602.5	604.5
137.5°	574.6	573.4	572.5	571.3	573.8	576.1	578.3	580.3	582.4	584.2	585.7
140°	560.1	558.6	557.5	555.9	558.1	560.2	562.2	563.9	565.9	567.2	568.7
142.5°	546.1	544.0	542.5	540.4	542.0	543.4	544.9	546.2	547.5	548.6	549.5
145°	537.0	534.6	532.5	530.2	531.4	532.5	533.8	534.9	535.7	536.3	537.2
147.5°	528.8	526.4	524.1	521.9	523.0	523.8	524.4	525.1	525.9	526.4	526.8
150°	520.5	517.9	515.6	513.2	513.9	514.5	515.0	515.8	516.4	516.7	517.1
152.5°	511.1	508.9	506.4	504.0	504.7	505.1	505.5	505.8	506.3	506.6	506.8
155°	505.6	503.6	501.6	499.4	500.0	500.3	500.6	500.9	501.0	501.2	501.3
157.5°	504.0	502.3	500.9	499.1	499.2	499.3	499.4	499.1	499.1	499.0	498.7
160°	503.2	501.8	500.4	498.9	498.8	498.8	498.9	498.5	498.5	498.2	497.9
162.5°	503.4	501.9	500.1	498.4	498.3	498.4	498.3	498.1	498.0	497.7	497.4
165°	505.4	504.2	503.1	501.7	501.5	501.2	501.1	500.6	500.3	499.6	499.3
167.5°	508.0	506.9	505.7	504.3	504.3	504.5	504.4	504.2	504.1	503.8	503.7
170°	511.2	510.2	509.3	508.2	507.9	507.8	507.6	507.3	506.8	506.5	506.1
172.5°	513.8	512.9	511.8	510.6	510.6	510.4	510.2	510.1	509.6	509.3	509.2
175°	512.8	512.1	511.2	510.5	510.4	510.3	510.1	510.0	509.7	509.5	509.2
177.5°	515.0	514.6	513.9	513.4	513.3	513.3	513.2	513.1	513.1	512.9	512.8
180°	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5	515.5



TEST NUMBER: P1444840  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L940-UPL40

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	38129.9	38129.9
2.5°	38277.6	38275.6
5°	38419.9	38417.6
7.5°	38528.1	38527.5
10°	38540.9	38547.5
12.5°	38464.0	38469.3
15°	38239.4	38249.9
17.5°	37810.1	37823.8
20°	37070.5	37084.8
22.5°	35872.7	35878.6
25°	34131.3	34106.5
27.5°	31757.2	31714.7
30°	28739.2	28698.0
32.5°	25140.9	25115.2
35°	21090.4	21074.2
37.5°	16826.0	16792.9
40°	12686.0	12589.7
42.5°	9054.9	8885.8
45°	6257.8	6057.3
47.5°	4368.6	4244.7
50°	3311.3	3271.3
52.5°	2698.1	2688.8
55°	2276.6	2272.5
57.5°	1959.7	1958.3
60°	1710.9	1710.5
62.5°	1525.4	1526.0
65°	1394.7	1395.0
67.5°	1279.6	1278.8
70°	1146.6	1145.6
72.5°	1055.1	1053.5
75°	984.4	983.4
77.5°	883.8	882.3
80°	762.0	759.9
82.5°	626.7	624.5
85°	467.5	467.6
87.5°	286.0	285.9
90°	135.0	131.9
92.5°	47.0	44.4
95°	54.0	50.7
97.5°	66.4	63.5
100°	85.0	82.5
102.5°	145.1	136.4
105°	254.2	230.6
107.5°	437.1	393.4
110°	761.1	725.8



TEST NUMBER: P1444840  
CATALOG NUMBER: EHBR1-48-UNV-TA-L940-UPL40

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	994.4	978.4
115°	1038.5	1032.7
117.5°	1003.3	1003.8
120°	932.7	937.1
122.5°	847.6	852.9
125°	770.0	775.1
127.5°	704.6	707.9
130°	661.8	664.9
132.5°	628.4	630.1
135°	605.8	607.3
137.5°	586.8	588.1
140°	569.6	570.6
142.5°	550.1	550.8
145°	537.7	538.1
147.5°	526.7	527.0
150°	517.2	517.3
152.5°	506.7	506.9
155°	501.2	501.2
157.5°	498.2	498.1
160°	497.5	497.2
162.5°	497.0	496.8
165°	498.5	498.0
167.5°	503.3	503.2
170°	505.7	505.4
172.5°	508.8	508.5
175°	509.1	509.0
177.5°	512.8	512.5
180°	515.5	515.5

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		



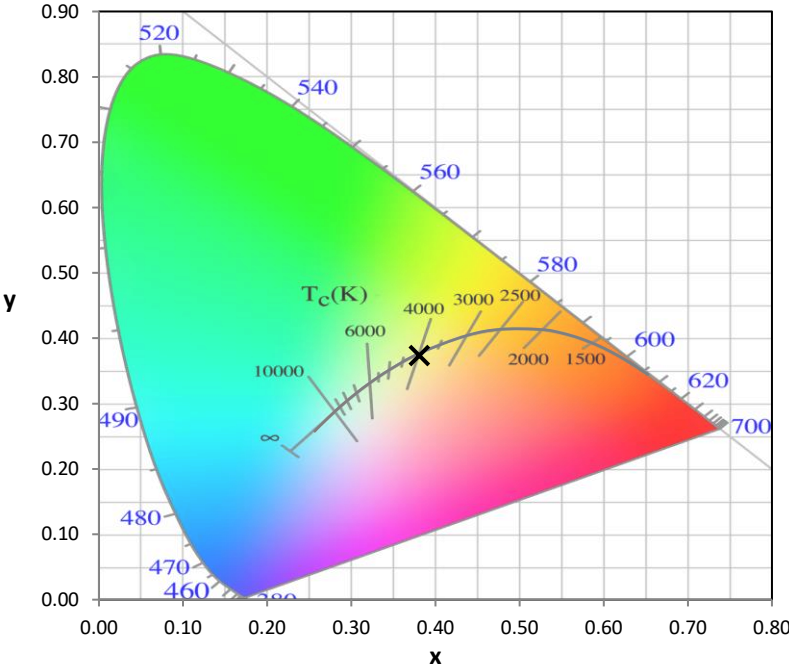
**Test Conditions**  
 Stabilization Time: 44M  
 Operation Time: 1H 44M  
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2506-472-7

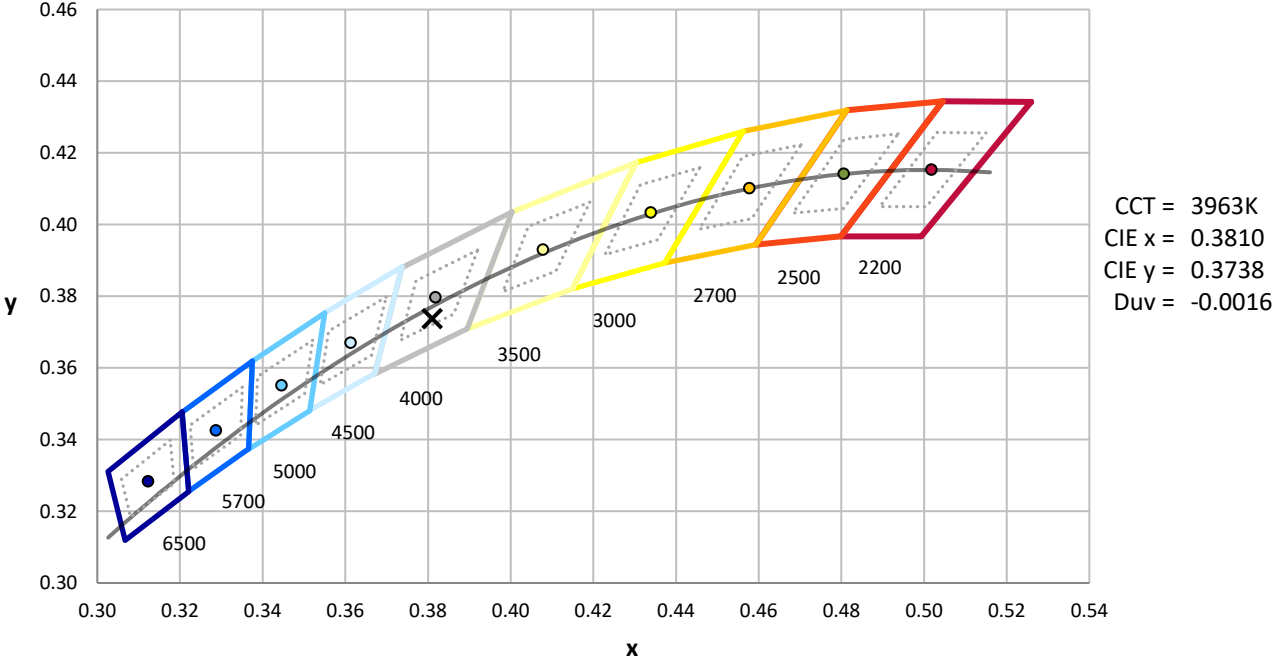
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	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 <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	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 <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	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 <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	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 ( $R_{f,i}$ )**

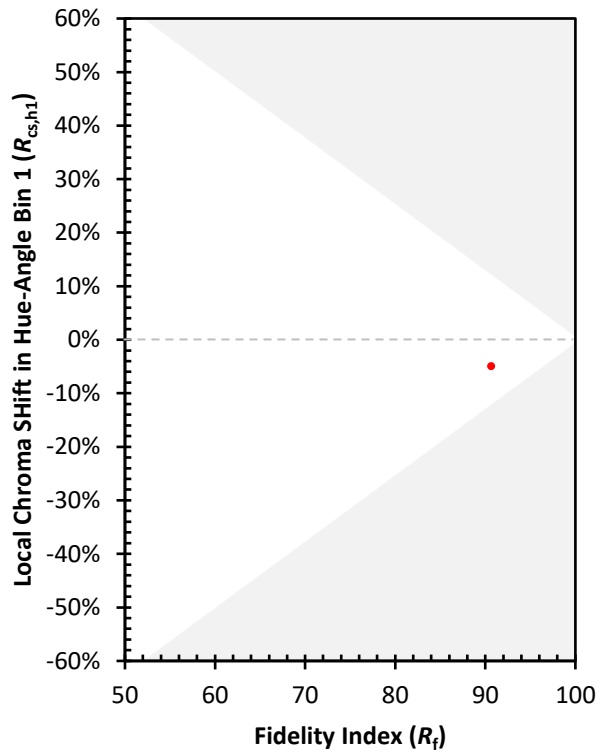
CES01 = 86	CES26 = 90	CES51 = 99	CES76 = 83
CES02 = 62	CES27 = 93	CES52 = 97	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 95	CES78 = 79
CES04 = 69	CES29 = 91	CES54 = 96	CES79 = 94
CES05 = 49	CES30 = 98	CES55 = 95	CES80 = 91
CES06 = 50	CES31 = 92	CES56 = 95	CES81 = 80
CES07 = 42	CES32 = 84	CES57 = 94	CES82 = 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)