

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: P1444734

Luminaire Tested: EHBR1-24-UNV-TA-L935-UPL30

Issue Date: 5/1/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1444734  
REPORT IS A COMBINATION OF REPORTS P1444338 AND P1431635  
Test Lab: INNOVATION CENTER  
Issue Date: 5/1/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: EHBR1-24-UNV-TA-L935-UPL30  
Description: Elevate Round Highbay at, 24000 lumens, 3500K 90CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

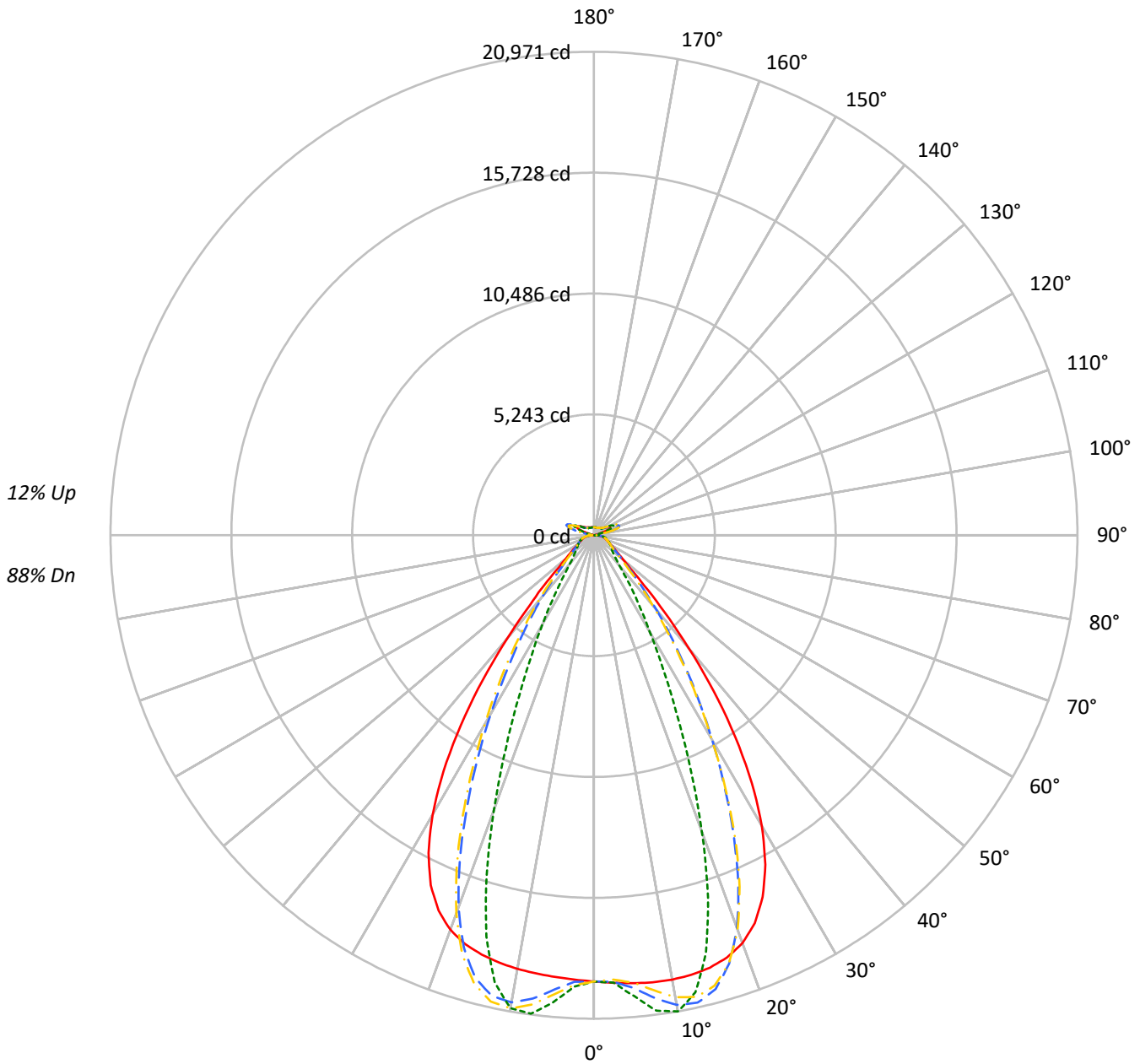
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 25176.0 lumens  
Efficiency: N/A  
Efficacy: 167.5 lumens/watt  
Spacing Criteria (0/90/45): 1.13 / 0.77 / 0.88  
Luminous Opening: Vertical Cylinder (Dia: 1.71' x H: 0.1')  
CIE Type: Semi-Direct

Input Watts (W): 150.3  
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	116	116	116	116	112	112	112	112	105	105	105	98	98	98	91	91	91	88			88
1	109	106	102	100	105	102	100	97	96	94	92	90	89	87	85	84	83	80			80
2	102	96	91	87	99	93	89	85	88	85	82	84	81	78	79	77	75	72			72
3	96	88	82	77	93	86	80	76	82	77	73	77	74	71	74	71	68	66			66
4	90	81	75	70	87	79	73	69	75	71	67	72	68	65	69	65	63	61			61
5	85	75	68	63	82	73	67	62	70	65	61	67	63	59	64	61	58	56			56
6	80	70	63	58	77	68	62	57	65	60	56	63	58	55	60	56	53	52			52
7	75	65	58	53	73	64	57	53	61	56	52	59	54	51	57	53	50	48			48
8	71	61	54	49	69	59	53	49	57	52	48	55	51	47	54	49	46	45			45
9	67	57	50	46	66	56	50	45	54	49	45	52	47	44	51	46	43	42			42
10	64	53	47	43	62	53	46	42	51	45	42	49	45	41	48	44	40	39			39

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

	0°	90°	180°	270°
0°	90907	90907	90907	90907
5°	91346	94010	90068	95242
10°	92109	98704	89900	98051
15°	92561	89474	89743	85872
20°	91604	66655	88606	61672
25°	86707	42155	83842	38249
30°	75745	25333	72811	23152
35°	58294	15896	54940	14081
40°	36876	9971	33738	9370
45°	19007	7768	18691	7640
50°	11144	6910	10801	6802
55°	8537	6537	8221	6478
60°	7224	6678	6917	6591
65°	6785	6974	6524	6735
70°	6628	7303	6298	7028
75°	7088	7744	6705	7402
80°	7334	8575	6649	7828
85°	6907	8275	5583	7085

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 25°  
 Vertical Angle: 45°  
 Luminance: 29087 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1907.8	7.6
10°-20°	5366.7	21.3
20°-30°	6112.3	24.3
30°-40°	4393.2	17.5
40°-50°	2026.2	8.0
50°-60°	969.6	3.9
60°-70°	707.5	2.8
70°-80°	537.5	2.1
80°-90°	249.4	1.0
90°-100°	80.7	0.3
100°-110°	487.6	1.9
110°-120°	901.2	3.6
120°-130°	545.1	2.2
130°-140°	342.4	1.4
140°-150°	247.5	1.0
150°-160°	168.3	0.7
160°-170°	99.5	0.4
170°-180°	33.6	0.1
0°-30°	13386.8	53.2
0°-40°	17780.0	70.6
0°-60°	20775.8	82.5
0°-90°	22270.1	88.5
90°-120°	1469.5	5.8
90°-150°	2604.5	10.3
90°-180°	2906.0	11.5
0°-180°	25176.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	19358	19358	19358	19358	19358	
5°	19504	20073	19231	20336	19504	1864
15°	19419	18771	18828	18015	19419	5471
25°	17315	8418	16743	7638	17315	7849
35°	10699	2918	10084	2584	10699	6566
45°	3075	1257	3024	1236	3075	2615
55°	1154	883	1111	876	1154	1065
65°	708	728	681	703	708	707
75°	499	546	472	521	499	519
85°	237	284	192	244	237	223
90°	74	91	28	32	74	45
95°	37	42	37	42	37	36
105°	173	226	115	226	173	231
115°	784	955	821	956	784	723
125°	580	617	658	618	580	529
135°	445	402	480	404	445	347
145°	385	381	411	384	385	244
155°	353	357	377	360	353	164
165°	345	347	358	348	345	98
175°	349	353	356	354	349	33
180°	354	354	354	354	354	



TEST NUMBER: P1444734  
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**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19431.9	19430.3	19430.0	19428.6	19428.3	19428.3	19427.6	19426.1	19425.1	19422.8	19420.3
5°	19503.9	19503.1	19503.7	19503.7	19502.4	19499.4	19494.7	19488.8	19481.5	19474.7	19468.5
7.5°	19559.8	19561.1	19562.8	19562.5	19558.2	19551.2	19541.5	19536.0	19539.2	19549.7	19573.8
10°	19569.9	19578.2	19581.4	19580.4	19572.0	19565.9	19568.3	19588.8	19629.6	19684.0	19758.5
12.5°	19530.2	19540.5	19540.1	19536.6	19528.5	19536.8	19566.6	19627.6	19715.1	19822.5	19948.5
15°	19418.8	19432.1	19428.3	19423.9	19418.5	19445.7	19505.1	19611.1	19746.3	19897.7	20052.8
17.5°	19202.5	19218.4	19210.7	19205.7	19201.1	19252.3	19354.3	19509.5	19679.8	19851.1	19998.1
20°	18827.3	18838.0	18819.6	18810.9	18818.2	18918.5	19068.7	19267.0	19446.5	19608.4	19708.9
22.5°	18214.9	18228.3	18193.6	18189.6	18232.4	18386.5	18576.5	18798.2	18966.7	19095.2	19133.9
25°	17315.3	17328.4	17287.2	17311.8	17384.6	17594.6	17820.8	18057.9	18201.8	18296.9	18270.7
27.5°	16101.0	16112.9	16073.8	16124.1	16239.1	16515.0	16781.3	17038.5	17166.8	17233.4	17148.9
30°	14569.5	14594.3	14548.1	14618.2	14793.7	15152.0	15457.1	15745.5	15873.4	15924.1	15792.7
32.5°	12750.5	12785.8	12734.9	12839.2	13084.1	13514.5	13861.0	14183.3	14324.7	14382.6	14234.2
35°	10699.0	10749.5	10691.1	10847.7	11149.8	11629.0	12012.8	12372.6	12540.1	12622.1	12472.5
37.5°	8525.5	8573.6	8542.1	8750.9	9082.6	9579.3	9971.1	10359.3	10548.3	10671.5	10553.6
40°	6391.5	6435.6	6459.5	6698.3	7010.4	7478.5	7854.8	8238.8	8450.3	8605.0	8532.2
42.5°	4511.2	4555.6	4636.8	4867.3	5127.5	5514.9	5837.3	6182.1	6384.2	6549.1	6521.0
45°	3075.2	3126.7	3228.5	3417.1	3605.4	3883.3	4120.1	4388.2	4553.3	4704.4	4706.2
47.5°	2155.0	2191.1	2282.0	2410.9	2533.6	2881.6	2895.9	3027.7	3138.7	3251.6	3266.2
50°	1660.8	1682.6	1730.8	1802.6	1872.1	1962.5	2045.1	2140.7	2209.0	2270.9	2285.7
52.5°	1365.0	1378.9	1403.5	1442.3	1482.7	1531.8	1576.0	1628.5	1665.7	1698.8	1705.7
55°	1153.7	1165.2	1201.7	1209.0	1255.2	1264.1	1283.7	1315.7	1337.3	1357.1	1362.1
57.5°	994.2	1002.5	1010.3	1026.9	1041.1	1061.8	1078.4	1101.3	1114.9	1129.2	1130.5
60°	868.4	874.4	880.0	891.4	901.1	915.4	926.9	942.5	952.3	963.0	964.2
62.5°	774.7	779.1	782.7	790.3	797.2	808.3	817.3	830.4	839.4	847.8	849.7
65°	708.2	711.3	713.7	719.4	725.4	734.9	743.1	753.7	760.4	766.8	768.1
67.5°	649.2	652.2	654.6	659.9	664.1	671.0	676.6	684.6	689.6	694.7	694.8
70°	581.6	584.4	586.3	591.2	594.6	600.5	605.0	612.2	617.3	623.0	624.5
72.5°	534.8	536.5	539.0	543.4	548.1	554.6	560.6	568.0	574.3	580.1	582.6
75°	499.3	501.2	502.8	506.6	509.9	515.3	519.8	526.6	532.0	538.4	541.4
77.5°	447.9	450.1	451.5	455.3	458.1	463.4	466.7	472.7	477.3	483.0	485.8
80°	385.8	387.9	388.9	392.5	394.7	399.5	402.8	408.7	412.4	418.1	421.5
82.5°	317.0	319.0	319.6	323.0	324.2	328.2	330.5	336.5	341.1	348.6	353.7
85°	237.4	238.1	239.3	238.4	243.2	243.5	249.0	250.0	257.1	259.0	267.2
87.5°	145.1	147.3	148.4	151.6	153.1	156.4	157.4	161.0	162.9	166.9	168.8
90°	73.7	77.9	79.8	84.5	86.4	90.7	92.4	97.2	99.1	104.0	107.0
92.5°	32.4	34.6	36.8	39.2	41.4	44.0	46.5	48.9	51.2	53.7	58.2
95°	37.1	39.6	42.1	44.8	47.3	49.8	52.4	55.0	57.6	60.1	67.6
97.5°	46.7	48.9	51.1	53.4	55.6	57.8	60.0	62.3	64.4	66.6	75.5
100°	61.1	63.0	64.8	66.7	68.6	70.4	72.3	74.2	76.0	77.9	94.4
102.5°	101.7	108.3	115.0	121.6	128.3	135.0	141.7	148.3	155.0	161.6	196.6
105°	173.4	191.4	209.5	227.6	245.6	263.7	281.8	299.7	317.8	335.9	392.9
107.5°	297.3	330.7	364.2	397.6	431.1	464.4	497.8	531.2	564.6	597.9	655.7
110°	550.8	577.5	604.5	631.3	658.4	685.3	712.2	738.8	765.8	792.7	834.9



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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°	743.0	755.2	767.4	779.6	791.8	803.9	816.1	828.3	840.4	852.5	882.8
115°	783.5	787.9	792.2	796.4	800.8	805.0	809.4	813.5	817.9	821.9	842.5
117.5°	760.0	759.2	758.7	758.0	757.2	756.5	755.8	755.0	754.2	753.4	764.9
120°	707.6	703.9	700.4	696.6	693.0	689.2	685.6	681.8	678.1	674.2	679.3
122.5°	641.6	637.2	633.1	628.4	624.1	619.6	615.2	610.4	606.1	601.5	603.5
125°	580.5	576.1	571.8	567.3	562.7	558.2	553.7	549.1	544.6	539.9	541.1
127.5°	527.2	524.2	521.2	517.9	514.8	511.5	508.4	504.9	501.8	498.4	498.8
130°	492.5	489.9	487.1	484.2	481.4	478.4	475.5	472.4	469.5	466.4	467.0
132.5°	463.9	462.1	460.2	458.1	456.2	454.0	451.9	449.5	447.5	445.3	446.0
135°	444.6	442.8	441.2	439.4	437.5	435.3	433.3	431.2	429.2	427.1	428.1
137.5°	428.2	426.7	425.2	423.3	421.6	419.6	417.9	415.8	414.0	412.0	412.9
140°	413.1	411.7	410.3	408.7	407.1	405.5	403.8	402.0	400.3	398.5	399.6
142.5°	396.3	395.2	394.2	392.9	391.7	390.3	389.0	387.5	386.2	384.7	386.2
145°	385.3	384.4	383.6	382.5	381.4	380.2	379.1	377.8	376.8	375.5	377.0
147.5°	375.5	374.8	374.0	373.3	372.5	371.4	370.5	369.5	368.6	367.6	369.1
150°	367.0	366.3	365.7	365.0	364.2	363.2	362.3	361.4	360.4	359.5	361.1
152.5°	358.1	357.4	356.7	356.1	355.3	354.3	353.6	352.7	351.7	350.8	352.2
155°	352.6	351.8	351.1	350.5	349.8	348.8	348.0	347.2	346.4	345.5	346.6
157.5°	348.8	348.2	347.8	347.1	346.7	346.0	345.4	344.8	344.1	343.5	344.2
160°	346.9	346.4	345.9	345.3	344.7	344.1	343.6	342.9	342.4	341.7	342.3
162.5°	345.1	344.6	344.0	343.4	342.9	342.2	341.7	341.1	340.6	340.0	340.8
165°	344.8	344.4	344.0	343.8	343.4	343.0	342.7	342.2	341.9	341.4	342.0
167.5°	347.4	346.9	346.5	345.9	345.4	344.9	344.5	344.0	343.5	342.9	343.4
170°	348.0	347.7	347.4	347.2	346.9	346.7	346.4	346.1	345.9	345.6	346.0
172.5°	349.6	349.3	349.1	349.0	348.8	348.6	348.4	348.1	348.0	347.7	348.4
175°	349.3	349.0	348.9	348.8	348.7	348.6	348.5	348.3	348.3	348.1	348.5
177.5°	351.6	351.5	351.5	351.5	351.5	351.4	351.3	351.1	351.1	351.1	351.4
180°	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6



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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19418.5	19416.1	19412.8	19408.8	19405.2	19401.2	19391.5	19388.6	19391.8	19394.0	19398.4
5°	19464.6	19466.0	19466.4	19475.3	19482.9	19501.9	19650.8	19710.0	19755.8	19784.8	19828.9
7.5°	19603.7	19648.5	19692.7	19752.3	19803.7	19873.0	20133.6	20244.5	20323.3	20380.0	20449.8
10°	19839.5	19937.2	20028.8	20136.1	20228.4	20334.0	20576.6	20684.6	20752.9	20802.5	20848.8
12.5°	20076.9	20212.4	20334.9	20454.3	20554.2	20645.8	20731.1	20769.0	20772.2	20773.8	20749.1
15°	20200.6	20330.1	20438.1	20517.0	20575.8	20601.7	20454.9	20377.8	20280.5	20200.3	20068.3
17.5°	20122.5	20200.3	20246.8	20242.3	20218.0	20136.8	19720.8	19492.1	19264.9	19060.3	18791.8
20°	19775.6	19769.6	19729.1	19614.1	19475.7	19260.6	18547.4	18136.0	17738.1	17388.7	16964.9
22.5°	19129.9	19028.3	18886.7	18639.0	18363.9	17987.9	16965.9	16360.7	15806.9	15317.7	14769.6
25°	18194.5	17985.5	17724.3	17331.1	16903.5	16355.1	15095.5	14342.7	13677.8	13101.2	12468.8
27.5°	16997.3	16682.4	16299.7	15755.4	15176.2	14473.6	13077.2	12246.4	11532.7	10914.4	10241.3
30°	15579.9	15170.5	14676.2	14000.8	13302.1	12505.3	11088.9	10247.4	9525.0	8888.9	8215.4
32.5°	13978.2	13498.7	12919.4	12161.4	11405.8	10586.5	9218.6	8404.1	7713.9	7102.1	6492.5
35°	12211.6	11697.4	11084.5	10311.4	9560.3	8763.7	7508.7	6774.3	6164.8	5624.0	5131.7
37.5°	10316.6	9811.6	9229.2	8500.6	7804.0	7082.2	5999.3	5383.9	4872.4	4423.5	4043.4
40°	8346.3	7904.5	7400.4	6770.5	6176.1	5575.0	4686.0	4197.5	3793.9	3451.6	3166.7
42.5°	6400.1	6057.7	5671.3	5173.4	4718.6	4260.8	3576.6	3214.7	2915.8	2669.3	2467.9
45°	4643.6	4414.5	4155.2	3809.2	3494.4	3175.2	2688.2	2433.9	2239.2	2080.2	1945.9
47.5°	3246.1	3113.2	3105.1	2785.2	2554.5	2359.3	2045.5	1884.9	1765.6	1669.3	1584.3
50°	2279.6	2215.3	2135.5	2021.4	1914.3	1803.9	1612.8	1515.7	1445.8	1387.4	1333.7
52.5°	1704.2	1670.8	1628.3	1567.7	1509.7	1447.6	1326.7	1264.8	1242.8	1188.6	1146.0
55°	1361.2	1342.0	1317.8	1282.3	1246.9	1232.8	1129.2	1083.2	1054.2	1032.8	1009.8
57.5°	1130.6	1116.4	1102.0	1077.9	1057.5	1032.8	977.7	954.2	936.9	924.3	908.4
60°	964.4	955.9	947.8	933.7	922.6	909.3	874.4	861.1	852.1	844.5	834.4
62.5°	851.2	846.9	842.7	835.2	829.6	822.3	798.4	792.0	787.5	783.7	777.5
65°	769.5	766.4	764.0	759.1	756.2	752.0	731.5	727.1	724.4	723.0	719.4
67.5°	695.2	692.0	690.4	686.9	685.7	683.1	666.2	663.9	663.0	663.4	662.1
70°	625.8	624.5	625.2	624.6	626.2	626.6	616.5	616.4	617.5	619.7	619.8
72.5°	584.2	584.2	584.9	585.3	586.8	587.6	579.1	578.7	579.1	580.8	580.9
75°	544.6	545.2	547.4	548.1	549.9	550.2	539.1	537.8	537.8	539.4	538.9
77.5°	489.8	492.1	496.2	498.4	501.8	502.5	490.0	488.4	488.5	490.0	488.7
80°	427.6	432.1	438.7	443.2	448.5	450.6	437.7	434.6	431.8	431.3	428.7
82.5°	361.5	367.1	374.9	378.9	384.6	385.9	364.3	360.2	357.8	358.0	355.6
85°	276.0	280.1	287.2	289.6	293.1	292.7	268.1	257.6	260.4	255.9	259.4
87.5°	173.1	175.6	180.0	180.5	182.3	181.9	157.1	152.2	150.7	150.8	149.0
90°	112.9	116.5	122.2	124.1	128.4	130.0	111.8	111.2	107.9	107.2	103.2
92.5°	63.0	67.4	72.1	76.6	81.2	85.8	88.1	92.0	87.4	82.4	78.0
95°	75.1	82.6	90.1	97.6	105.1	112.6	120.1	127.6	120.6	113.6	106.6
97.5°	84.4	93.3	102.1	110.9	119.8	128.7	137.6	146.5	138.9	131.2	123.7
100°	110.9	127.5	144.0	160.5	177.0	193.6	210.1	226.7	212.2	197.6	183.1
102.5°	231.7	266.7	301.8	337.0	372.0	407.1	442.4	477.5	444.2	410.7	377.4
105°	449.8	506.6	563.6	620.4	677.3	734.1	791.3	848.2	794.9	741.6	688.4
107.5°	713.4	771.2	828.8	886.5	944.2	1002.0	1060.0	1117.8	1065.8	1013.7	961.8
110°	877.1	919.2	961.4	1003.4	1045.5	1087.7	1130.3	1172.5	1141.2	1110.1	1078.8



TEST NUMBER: P1444734  
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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°	912.9	943.0	973.2	1003.4	1033.4	1063.6	1094.4	1124.7	1109.1	1093.3	1077.8
115°	862.8	883.2	903.5	923.9	944.3	964.5	985.7	1006.3	1001.3	996.3	991.5
117.5°	776.4	787.8	799.3	810.6	821.9	833.5	845.9	857.5	858.4	859.4	860.4
120°	684.2	689.1	693.9	698.9	703.7	708.5	714.6	719.7	724.1	728.3	732.7
122.5°	605.5	607.4	609.4	611.3	613.2	615.1	618.5	620.7	623.6	626.8	629.8
125°	542.1	543.2	544.2	545.1	546.0	547.1	549.7	551.0	551.3	551.6	552.0
127.5°	499.1	499.4	499.7	500.0	500.2	500.6	502.6	503.2	501.7	499.9	498.3
130°	467.6	468.2	468.8	469.5	470.0	470.7	473.0	474.1	471.1	468.0	465.0
132.5°	446.7	447.5	448.2	449.0	449.7	450.4	453.2	454.3	451.0	447.4	443.8
135°	428.9	429.9	430.8	431.6	432.5	433.6	436.6	438.0	434.8	431.3	428.1
137.5°	413.7	414.7	415.6	416.6	417.5	418.5	421.9	423.3	420.7	418.0	415.5
140°	400.7	401.7	402.9	404.0	405.1	406.3	409.9	411.7	409.7	407.6	405.5
142.5°	387.5	389.1	390.6	392.2	393.6	395.3	399.4	401.6	400.1	398.5	397.1
145°	378.7	380.4	382.1	383.8	385.6	387.4	392.1	394.5	393.6	392.6	391.6
147.5°	370.4	372.0	373.7	375.2	376.9	378.8	383.5	385.8	385.4	384.7	384.2
150°	362.4	364.1	365.6	367.3	369.1	370.9	376.0	378.7	378.2	377.7	377.1
152.5°	353.6	355.0	356.5	357.9	359.5	361.2	367.2	369.8	369.3	368.8	368.4
155°	347.7	348.8	349.9	351.2	352.4	353.7	360.0	362.4	362.3	362.0	361.7
157.5°	345.0	345.9	346.6	347.5	348.4	349.4	355.7	358.0	357.7	357.5	357.3
160°	343.0	343.7	344.2	344.9	345.6	346.4	352.8	354.9	354.7	354.5	354.2
162.5°	341.5	342.5	343.2	344.1	344.9	345.9	352.5	354.9	354.4	354.0	353.6
165°	342.5	343.0	343.5	344.1	344.7	345.2	351.3	353.2	353.1	352.8	352.6
167.5°	344.0	344.6	345.1	345.8	346.3	347.0	352.7	354.6	354.4	354.1	354.0
170°	346.4	347.0	347.3	347.9	348.4	349.0	353.7	355.3	355.1	354.6	354.3
172.5°	348.8	349.5	349.9	350.5	351.0	351.7	355.6	357.2	356.9	356.6	356.2
175°	348.8	349.3	349.8	350.2	350.7	351.2	354.3	355.4	355.3	355.2	355.0
177.5°	351.7	351.9	352.3	352.7	353.0	353.3	355.3	355.9	355.9	355.9	355.8
180°	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6



TEST NUMBER: P1444734  
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**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19399.4	19406.2	19407.2	19415.2	19414.6	19424.1	19422.5	19430.3	19425.8	19432.1	19426.8
5°	19855.0	19896.4	19918.0	19958.4	19971.1	20007.2	20017.4	20050.3	20051.6	20077.7	20071.8
7.5°	20499.3	20560.2	20596.3	20646.2	20671.5	20713.0	20731.3	20762.0	20771.9	20796.3	20798.2
10°	20883.9	20913.5	20934.1	20948.1	20960.8	20966.7	20973.7	20971.8	20973.7	20971.0	20976.9
12.5°	20732.6	20689.4	20660.9	20606.8	20575.5	20515.7	20486.3	20428.8	20408.0	20358.6	20351.5
15°	19966.3	19815.8	19709.5	19554.9	19457.6	19305.4	19216.4	19079.2	19016.5	18907.4	18878.7
17.5°	18569.7	18290.3	18074.1	17796.7	17604.3	17345.1	17182.0	16967.5	16849.9	16676.9	16617.0
20°	16611.6	16198.2	15873.9	15487.5	15211.0	14866.5	14646.0	14367.9	14206.3	13993.8	13907.7
22.5°	14312.7	13798.0	13393.0	12936.6	12603.0	12219.0	11954.8	11653.9	11478.2	11247.4	11145.1
25°	11943.3	11375.7	10925.4	10444.5	10092.1	9707.2	9443.0	9147.3	8965.5	8746.3	8644.7
27.5°	9677.1	9102.6	8667.4	8220.3	7897.0	7549.8	7311.3	7053.1	6891.8	6704.8	6609.1
30°	7677.3	7170.6	6800.3	6429.2	6160.2	5878.3	5680.1	5466.2	5324.6	5164.4	5073.4
32.5°	6048.0	5656.9	5366.8	5072.5	4852.3	4616.7	4445.4	4256.7	4128.9	3985.9	3903.4
35°	4789.9	4486.0	4254.7	4012.3	3823.3	3622.5	3471.6	3308.7	3194.1	3070.9	2999.7
37.5°	3784.6	3542.8	3352.5	3151.2	2995.9	2829.6	2773.5	2586.6	2467.8	2369.5	2301.4
40°	2970.1	2778.0	2620.5	2466.5	2339.8	2213.7	2112.5	2012.6	1935.9	1865.6	1816.9
42.5°	2319.5	2180.2	2065.2	1952.4	1860.0	1768.1	1694.7	1626.0	1574.3	1528.3	1497.0
45°	1843.8	1748.1	1668.2	1588.7	1523.5	1462.2	1412.8	1368.9	1335.6	1307.9	1288.3
47.5°	1514.7	1449.2	1392.8	1339.2	1295.0	1254.8	1221.7	1210.9	1175.1	1150.9	1141.7
50°	1287.3	1247.7	1204.9	1165.4	1135.8	1106.4	1085.0	1063.9	1050.5	1039.4	1036.0
52.5°	1117.6	1087.3	1063.5	1038.5	1019.0	998.0	983.3	969.2	961.9	956.1	955.4
55°	991.4	970.2	954.5	937.7	926.0	913.7	906.1	898.6	895.5	892.5	892.7
57.5°	895.9	881.8	871.5	860.7	854.3	848.4	846.5	844.6	845.6	846.1	847.7
60°	826.3	817.1	810.7	804.5	801.8	799.9	801.4	803.0	806.4	809.1	811.5
62.5°	773.0	767.8	764.7	761.2	761.0	761.1	763.9	766.8	771.0	774.2	776.5
65°	718.2	715.1	714.1	712.0	713.0	713.7	717.2	719.3	723.5	726.1	729.1
67.5°	662.7	662.0	662.6	662.6	664.5	666.2	669.5	672.0	675.5	677.8	680.3
70°	621.7	622.0	623.6	623.8	625.9	627.0	629.9	631.4	634.7	636.6	639.6
72.5°	581.9	581.2	581.6	580.7	581.4	581.1	582.7	583.5	586.2	587.8	591.3
75°	539.5	537.7	537.3	535.4	535.5	534.0	534.7	534.6	536.5	537.2	539.7
77.5°	488.2	485.2	483.8	480.6	480.5	479.4	480.6	481.4	484.5	486.1	489.0
80°	427.0	422.3	420.1	416.4	417.0	416.8	420.0	422.3	426.2	427.0	430.7
82.5°	354.9	350.1	347.8	344.1	345.0	345.0	347.9	348.5	351.8	353.3	357.5
85°	254.1	255.9	250.9	251.2	250.1	252.1	254.1	256.6	259.4	264.0	267.6
87.5°	149.6	149.0	150.8	151.0	153.6	155.0	159.2	161.5	166.1	169.8	176.4
90°	101.7	97.7	97.4	95.1	95.9	93.5	94.5	92.1	93.6	92.6	95.0
92.5°	72.9	68.3	63.3	58.7	53.7	49.3	46.8	44.8	42.3	40.4	37.9
95°	99.6	92.5	85.6	78.6	71.6	64.6	62.1	59.5	56.9	54.4	51.8
97.5°	116.2	108.8	101.2	93.6	86.1	78.6	76.9	75.1	73.5	71.8	70.1
100°	168.5	154.0	139.5	124.9	110.4	95.9	94.5	93.2	91.8	90.5	89.0
102.5°	344.1	310.9	277.6	244.3	211.0	177.6	171.8	166.0	160.2	154.4	148.6
105°	635.0	581.6	528.3	475.1	421.8	368.5	352.7	336.6	320.7	304.9	288.9
107.5°	909.8	857.7	805.8	753.9	701.9	649.9	624.8	599.7	574.5	549.4	524.3
110°	1047.4	1016.3	985.2	953.8	922.8	891.6	867.5	843.7	819.7	795.8	771.8



TEST NUMBER: P1444734  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL30

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	1062.1	1046.6	1030.9	1015.5	999.9	984.4	972.7	961.0	949.4	937.7	925.9
115°	986.5	981.6	976.7	971.9	967.1	962.2	961.3	960.6	959.7	959.0	958.2
117.5°	861.4	862.4	863.3	864.4	865.5	866.5	872.8	879.0	885.3	891.7	898.2
120°	737.0	741.3	745.5	750.0	754.3	758.8	767.1	775.5	784.0	792.6	801.2
122.5°	632.9	635.9	639.0	642.0	645.2	648.3	656.5	665.0	673.3	681.8	690.4
125°	552.1	552.4	552.7	552.9	553.2	553.6	560.5	567.4	574.3	581.4	588.4
127.5°	496.7	494.9	493.2	491.7	489.9	488.3	492.4	496.6	500.7	505.0	509.2
130°	462.0	458.9	455.7	452.8	449.5	446.6	448.3	450.0	451.7	453.5	455.2
132.5°	440.2	436.7	433.0	429.5	425.9	422.3	422.3	422.4	422.5	422.7	423.0
135°	424.6	421.3	417.7	414.4	410.8	407.6	406.8	405.9	405.1	404.5	403.9
137.5°	412.7	410.1	407.4	404.7	402.0	399.2	397.9	397.0	395.7	394.8	393.8
140°	403.3	401.3	399.1	397.0	394.8	392.7	391.6	390.8	389.9	389.1	388.2
142.5°	395.4	393.9	392.3	390.8	389.2	387.6	386.6	385.7	384.9	384.1	383.3
145°	390.6	389.7	388.7	387.6	386.6	385.7	384.9	384.3	383.6	383.0	382.6
147.5°	383.6	383.1	382.5	381.8	381.2	380.6	380.0	379.8	379.2	378.9	378.5
150°	376.6	376.1	375.5	375.0	374.3	373.8	373.6	373.4	373.1	373.1	372.8
152.5°	367.8	367.4	366.9	366.4	365.8	365.3	365.1	365.0	364.8	364.7	364.3
155°	361.4	361.1	360.7	360.4	360.0	359.8	359.5	359.1	358.8	358.5	358.1
157.5°	357.0	356.7	356.4	356.2	355.7	355.5	355.2	354.9	354.6	354.3	353.9
160°	353.9	353.7	353.4	353.1	352.8	352.6	352.0	351.6	351.0	350.7	350.2
162.5°	353.2	352.7	352.4	351.9	351.4	351.0	350.7	350.3	350.0	349.8	349.4
165°	352.3	352.0	351.7	351.5	351.2	350.9	350.4	350.0	349.5	349.0	348.6
167.5°	353.6	353.5	353.2	353.0	352.7	352.3	351.9	351.5	351.0	350.6	350.1
170°	353.9	353.6	353.2	352.7	352.4	351.9	351.5	351.0	350.6	350.2	349.8
172.5°	355.9	355.7	355.3	355.0	354.6	354.2	353.8	353.5	353.1	352.7	352.5
175°	354.9	354.9	354.8	354.6	354.6	354.4	354.2	354.2	354.0	353.9	353.7
177.5°	355.8	355.7	355.7	355.6	355.6	355.6	355.3	355.1	354.8	354.6	354.5
180°	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6



TEST NUMBER: P1444734  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL30

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19432.3	19427.4	19429.8	19420.6	19422.8	19411.8	19410.9	19398.4	19397.3	19385.6	19381.1
5°	20090.3	20079.4	20091.7	20072.7	20076.4	20051.6	20049.5	20017.5	20006.5	19966.5	19949.2
7.5°	20813.4	20809.3	20816.7	20800.9	20800.3	20778.2	20769.2	20740.4	20722.7	20680.6	20653.8
10°	20971.8	20975.5	20969.5	20971.0	20962.4	20959.9	20951.2	20945.5	20931.1	20920.3	20904.2
12.5°	20314.0	20318.0	20292.9	20308.8	20296.2	20325.6	20323.2	20357.8	20363.1	20406.8	20423.4
15°	18793.7	18789.0	18740.8	18771.2	18754.9	18819.3	18833.8	18920.4	18966.7	19078.0	19146.4
17.5°	16497.1	16484.7	16416.9	16453.9	16435.0	16530.0	16561.9	16700.5	16786.9	16966.2	17094.0
20°	13759.4	13735.6	13656.3	13699.5	13680.2	13788.1	13833.6	14001.1	14112.5	14350.1	14519.0
22.5°	10987.7	10950.2	10872.5	10912.8	10894.5	11006.4	11065.6	11233.6	11361.3	11605.1	11802.3
25°	8498.7	8465.3	8390.2	8418.4	8411.6	8506.2	8558.8	8717.8	8843.3	9075.5	9263.8
27.5°	6482.2	6447.4	6379.5	6399.5	6392.6	6473.2	6522.9	6655.6	6763.6	6959.2	7124.4
30°	4961.2	4919.2	4861.6	4872.7	4868.0	4933.2	4979.6	5091.4	5184.0	5349.2	5491.6
32.5°	3802.7	3760.5	3707.7	3712.9	3705.9	3757.1	3795.3	3892.5	3973.2	4113.6	4237.6
35°	2909.6	2958.9	2846.0	2917.5	2843.1	2952.4	2913.0	2973.8	3043.2	3161.5	3265.0
37.5°	2236.8	2202.5	2173.4	2170.3	2170.1	2195.5	2225.4	2283.9	2345.0	2433.2	2524.3
40°	1772.5	1748.4	1729.6	1728.3	1729.6	1747.7	1769.8	1810.2	1855.0	1918.3	1985.2
42.5°	1470.2	1454.1	1442.8	1442.1	1445.6	1458.4	1473.8	1497.8	1526.9	1567.9	1613.8
45°	1272.4	1263.5	1257.3	1256.9	1258.5	1265.1	1274.0	1289.0	1307.5	1333.0	1362.1
47.5°	1133.6	1131.6	1127.6	1127.7	1125.9	1128.7	1129.6	1138.1	1147.9	1167.2	1205.1
50°	1032.7	1032.7	1030.0	1029.8	1027.2	1027.1	1024.9	1028.2	1032.9	1044.8	1056.9
52.5°	952.8	952.6	949.6	949.0	946.3	946.1	944.3	945.6	946.2	952.3	959.5
55°	890.4	888.6	884.7	883.4	882.4	883.9	883.2	883.3	882.5	885.0	887.2
57.5°	845.6	843.2	839.5	838.4	838.2	840.1	840.1	839.4	836.1	833.8	830.6
60°	810.2	807.7	803.8	802.8	803.4	806.0	805.8	803.6	798.7	794.3	789.1
62.5°	775.4	774.4	772.4	772.1	771.6	772.0	770.2	767.9	762.9	758.3	752.8
65°	728.7	729.2	727.7	727.9	726.2	725.8	723.1	720.9	715.8	711.6	705.9
67.5°	680.2	680.6	679.3	679.3	678.4	678.6	676.9	674.9	670.6	667.1	662.8
70°	640.2	641.2	640.5	640.8	639.6	639.1	636.6	634.5	630.2	627.4	623.4
72.5°	592.4	594.6	594.5	595.0	593.3	592.4	589.3	586.8	582.9	580.5	577.4
75°	540.7	543.5	544.3	545.5	543.1	541.8	538.5	536.5	533.2	531.8	529.7
77.5°	490.3	493.4	496.3	499.0	495.1	491.6	487.3	484.2	479.5	477.7	474.5
80°	433.7	439.1	445.6	451.1	444.0	436.9	429.9	424.7	418.6	416.1	412.1
82.5°	359.8	365.3	369.1	372.6	367.7	362.4	355.7	351.2	344.6	342.1	337.5
85°	273.3	280.3	282.5	284.4	281.2	278.4	272.1	263.6	259.4	252.9	249.5
87.5°	179.8	184.0	184.7	185.3	183.4	182.1	178.0	174.0	166.9	161.7	155.4
90°	93.3	94.4	91.4	90.8	89.8	91.4	88.7	88.9	84.5	83.7	79.9
92.5°	35.8	33.4	31.2	29.0	31.5	33.4	36.0	37.9	40.3	42.3	44.8
95°	49.3	46.7	44.1	41.6	43.7	45.7	47.8	49.8	51.8	53.8	55.9
97.5°	68.3	66.7	65.0	63.3	64.4	65.6	66.8	68.0	69.2	70.4	71.7
100°	87.6	86.3	84.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
102.5°	142.8	137.0	131.2	125.4	129.3	133.2	137.2	141.1	145.0	148.9	153.0
105°	273.1	257.2	241.4	225.5	240.8	256.2	271.5	286.9	302.3	317.8	333.2
107.5°	499.1	474.1	449.0	423.9	452.0	480.0	507.9	535.9	563.9	591.9	620.0
110°	748.0	724.1	700.2	676.3	706.0	735.7	765.4	795.0	824.9	854.5	884.3



TEST NUMBER: P1444734  
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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°	914.3	902.7	891.1	879.5	898.6	917.7	936.8	956.1	975.2	994.4	1013.5
115°	957.4	956.7	956.1	955.4	964.4	973.5	982.5	991.6	1000.8	1009.8	1019.0
117.5°	904.4	910.9	917.3	923.8	926.7	929.6	932.6	935.5	938.6	941.6	944.6
120°	809.8	818.3	827.0	835.7	834.5	833.4	832.2	831.0	830.0	828.9	828.0
122.5°	699.0	707.6	716.3	724.9	722.3	719.7	717.3	714.8	712.4	710.0	707.7
125°	595.7	602.8	610.1	617.4	614.9	612.2	609.8	607.4	604.9	602.5	600.4
127.5°	513.6	518.1	522.5	527.0	525.9	524.7	523.7	522.5	521.6	520.7	519.8
130°	457.2	459.2	461.4	463.3	463.7	464.0	464.6	465.0	465.8	466.3	467.0
132.5°	423.4	423.8	424.3	424.8	426.2	427.5	429.1	430.6	432.3	433.9	435.9
135°	403.4	403.0	402.5	402.2	404.3	406.2	408.5	410.6	413.0	415.4	417.9
137.5°	393.0	392.1	391.4	390.6	392.7	394.7	396.9	399.1	401.4	403.9	406.5
140°	387.5	386.8	386.4	385.7	387.8	389.7	391.9	394.1	396.4	398.8	401.3
142.5°	382.7	381.9	381.4	380.9	382.7	384.6	386.5	388.5	390.7	392.9	395.1
145°	382.0	381.5	381.1	380.7	382.0	383.4	384.8	386.3	388.0	389.4	391.3
147.5°	378.2	377.9	377.8	377.6	378.6	379.5	380.7	381.7	382.8	384.0	385.4
150°	372.8	372.6	372.6	372.6	373.2	373.9	374.6	375.2	376.0	376.8	377.8
152.5°	364.4	364.3	364.3	364.3	364.9	365.4	366.2	366.7	367.5	368.2	369.1
155°	358.0	357.8	357.5	357.4	357.5	357.8	358.1	358.3	358.7	359.0	359.4
157.5°	353.8	353.6	353.4	353.1	353.1	353.1	353.2	353.2	353.3	353.3	353.5
160°	349.8	349.3	348.9	348.6	348.8	348.8	349.0	349.1	349.4	349.7	349.8
162.5°	349.2	348.9	348.7	348.4	348.2	347.9	347.8	347.6	347.4	347.2	347.2
165°	348.1	347.7	347.3	346.8	346.8	346.8	346.7	346.7	346.6	346.6	346.7
167.5°	349.8	349.2	348.8	348.4	348.0	347.6	347.3	346.9	346.7	346.3	346.1
170°	349.5	349.0	348.7	348.3	348.1	347.9	347.8	347.7	347.6	347.5	347.5
172.5°	352.1	351.7	351.4	351.1	350.9	350.7	350.7	350.7	350.5	350.5	350.5
175°	353.6	353.6	353.5	353.3	353.0	352.8	352.7	352.5	352.4	352.1	351.9
177.5°	354.2	353.9	353.7	353.6	353.5	353.5	353.5	353.5	353.5	353.4	353.4
180°	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6



TEST NUMBER: P1444734  
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**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19368.6	19363.5	19350.1	19343.5	19331.1	19324.8	19315.1	19308.9	19301.1	19295.3	19292.3
5°	19905.3	19880.5	19830.8	19800.3	19746.6	19711.4	19658.2	19619.1	19564.2	19523.6	19471.7
7.5°	20603.4	20565.4	20501.8	20453.7	20378.6	20321.3	20237.2	20169.9	20076.9	19999.7	19904.7
10°	20887.7	20865.5	20837.0	20806.0	20764.5	20723.7	20666.2	20607.7	20529.6	20452.0	20350.5
12.5°	20467.5	20488.4	20529.6	20548.8	20580.3	20591.0	20605.5	20598.7	20585.9	20554.2	20508.2
15°	19277.7	19364.9	19502.6	19597.9	19731.4	19825.1	19949.2	20029.1	20121.1	20176.0	20228.2
17.5°	17320.4	17489.0	17732.1	17926.0	18186.3	18398.0	18657.3	18861.1	19096.4	19276.8	19468.9
20°	14813.4	15049.5	15385.1	15670.1	16047.3	16367.1	16777.0	17120.3	17520.7	17854.5	18214.9
22.5°	12115.3	12393.0	12777.4	13121.2	13571.6	13974.0	14487.4	14941.4	15482.7	15967.7	16504.2
25°	9569.8	9842.0	10233.6	10589.5	11075.9	11519.1	12080.0	12600.8	13229.0	13814.8	14487.4
27.5°	7386.9	7628.8	7973.1	8293.4	8738.7	9173.9	9743.1	10298.4	10968.8	11598.4	12323.3
30°	5704.8	5901.0	6176.8	6434.6	6792.1	7147.9	7655.0	8168.6	8835.6	9488.1	10231.2
32.5°	4421.1	4588.3	4818.6	5027.8	5303.3	5571.6	5945.1	6355.4	6940.6	7565.5	8284.0
35°	3422.4	3565.5	3761.4	3941.7	4168.2	4381.3	4659.9	4952.8	5399.4	5925.0	6568.1
37.5°	2728.5	2786.9	2926.7	3074.4	3262.6	3437.6	3655.6	3872.2	4191.7	4606.4	5131.7
40°	2075.0	2167.7	2281.5	2397.8	2540.3	2680.6	2919.8	3034.9	3245.3	3543.0	3950.7
42.5°	1674.3	1739.4	1819.5	1900.4	1999.7	2097.4	2218.4	2341.6	2498.8	2700.5	2990.5
45°	1401.1	1443.5	1495.2	1549.1	1614.3	1681.0	1762.0	1846.6	1953.1	2077.1	2253.2
47.5°	1218.6	1242.0	1275.7	1312.5	1357.2	1403.5	1456.1	1509.9	1576.2	1649.7	1750.0
50°	1076.1	1095.7	1121.9	1146.4	1177.3	1224.6	1245.6	1275.3	1315.1	1358.4	1414.5
52.5°	972.9	986.0	1002.5	1016.6	1036.1	1053.8	1077.1	1097.6	1125.1	1151.1	1187.4
55°	892.7	897.4	906.8	915.8	929.3	941.5	957.4	970.9	988.4	1003.9	1026.8
57.5°	830.7	831.1	835.5	840.2	848.9	856.5	867.4	876.2	888.5	898.4	912.0
60°	786.1	783.8	784.6	786.3	791.1	796.1	803.2	808.9	816.6	822.1	829.8
62.5°	749.1	745.4	744.5	744.0	746.5	748.3	752.1	754.9	759.2	761.7	765.8
65°	702.2	697.9	696.2	694.1	694.8	694.2	695.7	695.8	698.0	698.5	700.9
67.5°	659.7	656.1	653.8	651.1	649.9	648.0	647.1	645.2	644.9	643.4	643.0
70°	621.0	617.4	615.6	613.0	611.8	609.1	607.6	604.4	602.5	599.6	598.0
72.5°	576.2	574.2	573.6	571.9	571.4	570.0	569.4	567.1	565.8	563.3	561.9
75°	529.3	527.7	527.5	525.8	525.7	523.9	523.5	521.1	520.0	517.4	516.3
77.5°	473.5	471.0	470.4	468.3	468.8	467.9	468.7	466.9	466.1	463.6	462.8
80°	410.7	407.5	406.2	403.6	404.3	403.0	404.3	404.1	405.0	403.0	402.7
82.5°	336.2	332.7	332.1	330.3	331.4	331.6	334.3	332.8	333.3	331.5	332.4
85°	244.6	242.1	238.5	238.0	235.6	238.0	234.9	237.0	233.7	236.0	232.8
87.5°	151.6	146.4	143.6	139.8	138.3	134.7	133.1	130.5	131.3	130.1	130.8
90°	80.2	77.0	78.3	76.9	78.8	77.9	80.6	80.6	83.6	83.5	86.7
92.5°	46.8	48.9	53.0	57.3	61.3	65.3	69.4	73.7	77.7	81.9	85.8
95°	57.9	60.0	65.4	70.9	76.4	81.8	87.4	92.8	98.3	103.8	109.2
97.5°	72.9	74.0	79.5	85.0	90.5	95.9	101.4	107.0	112.5	118.0	123.4
100°	83.6	83.7	99.2	114.7	130.2	145.8	161.4	176.9	192.5	208.1	223.6
102.5°	156.9	160.8	200.0	239.4	278.6	317.8	357.1	396.4	435.7	475.1	514.4
105°	348.6	364.0	423.9	483.8	543.6	603.6	663.6	723.7	783.5	843.5	903.5
107.5°	648.0	676.0	730.2	784.4	838.4	892.7	946.9	1001.1	1055.2	1109.4	1163.8
110°	913.9	943.8	980.0	1016.3	1052.6	1088.9	1125.2	1161.6	1197.9	1234.2	1270.7



TEST NUMBER: P1444734  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL30

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	1032.6	1051.9	1073.0	1094.1	1115.3	1136.4	1157.7	1178.8	1200.1	1221.3	1242.6
115°	1028.1	1037.4	1045.5	1053.8	1061.9	1070.2	1078.4	1086.9	1095.2	1103.5	1111.9
117.5°	947.6	950.7	951.9	953.3	954.5	955.9	957.3	958.7	960.2	961.6	963.0
120°	826.9	826.0	824.6	823.2	821.8	820.5	819.3	818.0	816.8	815.5	814.2
122.5°	705.2	703.0	701.7	700.3	699.1	698.0	696.7	695.6	694.5	693.3	692.2
125°	598.0	595.9	597.1	598.2	599.4	600.6	601.9	603.3	604.5	605.8	607.1
127.5°	518.9	518.2	521.2	524.4	527.6	530.7	533.9	537.2	540.4	543.7	546.8
130°	467.8	468.7	472.7	476.6	480.7	484.9	489.0	493.1	497.2	501.3	505.4
132.5°	437.6	439.6	443.3	447.3	451.1	455.1	459.1	463.0	466.9	471.0	474.8
135°	420.4	423.1	426.5	430.1	433.7	437.4	440.9	444.6	448.1	451.8	455.2
137.5°	408.8	411.6	414.4	417.3	420.0	423.1	425.9	428.9	431.6	434.6	437.4
140°	403.8	406.4	407.8	409.7	411.3	412.9	414.5	416.2	417.7	419.5	421.0
142.5°	397.3	399.9	400.8	401.8	402.9	404.0	405.0	406.0	407.0	408.0	408.9
145°	392.9	394.8	394.8	394.9	395.1	395.2	395.2	395.3	395.3	395.4	395.4
147.5°	386.6	388.0	387.6	387.6	387.5	387.2	387.1	386.9	386.6	386.5	386.3
150°	378.6	379.6	379.0	378.8	378.1	377.8	377.2	376.9	376.3	375.9	375.3
152.5°	369.8	370.7	370.0	369.6	369.0	368.5	367.8	367.4	366.7	366.2	365.7
155°	359.6	360.1	359.7	359.5	359.2	358.8	358.5	358.4	358.2	357.8	357.6
157.5°	353.6	353.6	353.5	353.3	353.1	352.9	352.8	352.7	352.7	352.7	352.7
160°	349.9	350.3	350.0	349.8	349.7	349.5	349.4	349.3	349.2	349.3	349.3
162.5°	346.9	346.9	346.7	346.5	346.4	346.2	346.1	346.2	346.1	346.2	346.2
165°	346.8	346.9	346.5	346.2	345.9	345.7	345.4	345.2	345.1	344.9	344.9
167.5°	345.9	345.8	345.8	345.8	345.8	345.9	345.9	346.2	346.3	346.6	346.7
170°	347.4	347.5	347.2	347.1	346.9	346.9	346.9	346.7	346.7	346.7	346.5
172.5°	350.5	350.5	350.1	349.8	349.5	349.1	348.8	348.6	348.3	348.0	347.7
175°	351.7	351.5	351.3	351.1	350.9	350.7	350.6	350.3	350.1	349.9	349.8
177.5°	353.3	353.1	353.0	353.0	353.0	352.9	352.9	352.8	352.8	352.8	352.7
180°	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6



TEST NUMBER: P1444734  
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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°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19288.4	19288.1	19286.3	19287.1	19287.5	19288.9	19290.6	19292.3	19292.6	19294.0	19294.3
5°	19432.7	19385.0	19349.8	19310.9	19281.7	19255.4	19237.9	19224.1	19218.6	19220.0	19223.2
7.5°	19824.1	19725.6	19644.4	19552.0	19474.9	19393.4	19325.7	19261.4	19214.5	19179.6	19160.1
10°	20253.6	20133.7	20018.9	19885.2	19758.3	19623.0	19500.4	19377.0	19274.0	19184.5	19118.9
12.5°	20444.3	20359.5	20260.3	20134.1	19998.3	19842.2	19684.4	19515.4	19358.0	19212.1	19094.4
15°	20242.5	20242.7	20206.5	20145.9	20051.6	19926.8	19776.6	19600.3	19414.7	19225.4	19052.4
17.5°	19601.8	19722.7	19790.0	19832.5	19819.4	19773.5	19677.8	19542.4	19369.4	19167.8	18956.7
20°	18501.6	18786.8	18990.0	19172.8	19275.3	19343.3	19336.5	19281.4	19158.3	18986.8	18767.0
22.5°	16960.5	17439.0	17816.6	18168.7	18415.6	18616.5	18712.0	18752.6	18696.8	18577.3	18370.8
25°	15088.6	15739.2	16294.4	16833.3	17237.5	17584.9	17793.6	17940.7	17952.4	17889.9	17705.8
27.5°	13008.5	13776.6	14479.2	15195.4	15763.8	16263.2	16590.9	16830.7	16906.8	16896.9	16729.6
30°	10931.1	11737.4	12512.0	13347.1	14050.5	14688.4	15121.3	15445.7	15570.6	15594.6	15433.7
32.5°	8969.3	9764.3	10536.8	11409.8	12183.9	12915.0	13426.5	13811.7	13957.0	13991.3	13814.8
35°	7188.7	7922.2	8656.3	9502.5	10272.1	11029.2	11568.1	11971.4	12107.2	12130.0	11925.8
37.5°	5644.7	6269.6	6909.3	7668.5	8375.2	9086.4	9598.3	9977.4	10076.3	10070.1	9839.0
40°	4344.7	4830.6	5344.4	5969.5	6557.1	7158.2	7590.5	7903.9	7955.8	7917.4	7674.5
42.5°	3267.0	3617.9	3990.5	4457.1	4893.0	5342.9	5657.4	5890.1	5897.5	5836.7	5618.7
45°	2433.9	2776.3	2932.5	3214.6	3495.3	3794.5	3986.6	4130.3	4108.0	4054.6	3888.9
47.5°	1855.4	1986.9	2126.5	2301.4	2465.0	2804.5	2779.3	3010.1	2843.9	2957.3	2707.7
50°	1473.4	1546.9	1622.1	1715.0	1800.4	1889.2	1944.6	1985.9	1980.6	1962.8	1915.0
52.5°	1253.5	1276.2	1313.3	1366.0	1413.8	1461.7	1493.4	1519.0	1519.6	1512.3	1488.2
55°	1047.6	1076.5	1103.1	1137.6	1196.4	1205.4	1250.7	1241.5	1245.1	1232.5	1245.4
57.5°	923.7	940.5	955.5	976.0	993.0	1012.8	1024.5	1035.8	1034.7	1032.2	1019.9
60°	835.9	845.2	853.5	865.5	874.8	885.9	891.4	897.1	895.2	891.0	880.0
62.5°	768.1	774.0	778.7	786.4	792.1	799.1	801.8	804.3	801.8	797.9	788.2
65°	701.3	705.1	708.1	713.9	717.9	723.9	726.2	728.5	726.3	723.3	715.8
67.5°	641.1	641.4	641.1	643.5	644.8	648.3	649.4	651.1	648.5	645.9	639.6
70°	595.4	594.5	593.3	594.3	594.5	596.2	596.5	596.2	593.1	588.5	581.7
72.5°	559.7	559.2	558.3	559.1	559.1	560.7	560.2	559.4	555.6	551.1	544.3
75°	513.7	513.4	511.7	511.7	510.3	510.8	508.9	507.9	503.6	499.9	493.9
77.5°	460.1	459.1	456.6	455.7	453.0	451.8	448.4	446.6	442.3	439.3	434.1
80°	400.1	399.1	395.9	394.1	389.8	387.1	381.9	378.9	374.0	371.1	366.1
82.5°	330.6	331.0	327.8	325.6	319.4	314.7	307.8	304.1	298.6	295.7	290.6
85°	235.2	231.8	233.6	233.5	229.6	225.5	219.9	216.0	211.4	208.6	205.0
87.5°	129.0	129.8	128.9	128.1	125.3	123.3	118.9	116.6	113.2	111.6	108.9
90°	80.8	78.2	72.6	70.1	64.5	60.9	54.7	51.6	45.8	44.3	41.0
92.5°	81.2	76.6	72.1	67.3	63.0	58.4	53.7	49.1	44.5	42.8	41.4
95°	102.6	95.9	89.3	82.6	76.0	69.2	62.7	56.0	49.4	48.0	46.7
97.5°	115.6	107.8	99.9	92.1	84.3	76.4	68.6	60.8	52.9	52.1	51.2
100°	205.6	187.6	169.5	151.4	133.4	115.4	97.2	79.2	61.2	60.2	59.1
102.5°	470.6	426.7	383.0	339.2	295.6	251.7	207.9	164.0	120.3	113.9	107.7
105°	837.3	770.9	704.8	638.5	572.2	505.8	439.7	373.2	307.0	285.7	264.3
107.5°	1101.5	1039.1	976.8	914.6	852.2	790.0	727.6	665.2	602.9	565.4	527.9
110°	1221.2	1171.6	1122.3	1072.8	1023.3	973.9	924.4	874.9	825.4	792.9	760.9



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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°	1206.3	1170.0	1133.8	1097.5	1061.3	1025.0	988.7	952.3	915.9	896.4	876.7
115°	1090.0	1068.2	1046.4	1024.4	1002.6	980.6	958.8	936.8	914.8	904.4	894.0
117.5°	951.8	940.6	929.4	918.2	907.0	895.6	884.4	873.1	861.7	858.1	854.4
120°	811.0	807.5	803.9	800.5	796.9	793.5	789.9	786.3	782.7	783.1	783.4
122.5°	693.4	694.6	695.9	696.9	698.1	699.1	700.4	701.4	702.5	705.1	707.8
125°	610.2	613.3	616.5	619.6	622.6	625.6	628.8	631.7	634.9	637.5	640.2
127.5°	550.4	553.9	557.4	560.8	564.5	567.8	571.3	574.6	578.1	580.5	583.0
130°	508.5	511.4	514.4	517.3	520.4	523.3	526.2	529.3	532.2	534.0	535.8
132.5°	477.5	480.2	482.9	485.5	488.2	490.8	493.6	496.1	498.9	500.1	501.6
135°	457.3	459.2	461.2	463.0	465.2	467.1	469.1	471.1	473.2	474.0	474.9
137.5°	438.9	440.6	442.2	443.6	445.4	446.9	448.6	450.3	452.1	452.3	452.8
140°	422.7	424.3	426.1	427.7	429.6	431.2	433.1	434.9	436.8	437.1	437.6
142.5°	410.3	411.6	412.8	414.2	415.6	416.9	418.4	420.0	421.4	421.8	422.2
145°	397.1	398.6	400.2	401.8	403.4	405.1	407.0	408.8	410.6	410.7	410.9
147.5°	387.5	388.9	390.4	391.7	393.2	394.5	396.2	397.8	399.4	399.5	399.7
150°	376.9	378.3	379.8	381.3	382.9	384.6	386.3	388.0	389.9	390.3	390.6
152.5°	367.3	368.9	370.5	372.2	374.0	375.9	377.8	379.6	381.5	381.8	382.3
155°	359.3	360.8	362.5	364.3	366.0	367.7	369.5	371.3	373.1	373.8	374.2
157.5°	354.1	355.5	357.1	358.6	360.2	361.7	363.4	365.0	366.7	367.1	367.5
160°	350.6	351.8	353.2	354.6	356.0	357.4	358.8	360.3	361.7	362.1	362.5
162.5°	347.5	348.8	350.2	351.5	352.9	354.2	355.7	357.0	358.5	358.8	359.3
165°	345.8	346.8	347.8	348.7	349.7	350.7	351.7	352.7	353.7	354.2	354.8
167.5°	347.6	348.1	348.9	349.7	350.5	351.3	352.2	352.8	353.7	354.2	354.6
170°	347.3	347.8	348.6	349.3	350.0	350.7	351.5	352.1	353.0	353.4	353.9
172.5°	348.1	348.5	349.0	349.4	349.9	350.4	350.8	351.4	351.8	352.5	352.9
175°	350.0	350.2	350.5	350.7	350.8	351.1	351.4	351.7	352.0	352.4	352.8
177.5°	352.8	353.0	353.2	353.4	353.6	353.8	354.1	354.3	354.6	355.1	355.6
180°	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6



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**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19293.7	19293.4	19292.8	19291.9	19291.0	19291.6	19292.4	19294.7	19298.5	19304.1	19311.4
5°	19225.9	19229.9	19232.0	19232.4	19230.3	19229.1	19231.0	19236.3	19247.0	19264.9	19289.1
7.5°	19154.9	19159.7	19167.2	19172.8	19173.8	19172.5	19172.8	19181.1	19200.9	19235.8	19284.8
10°	19079.0	19064.6	19072.2	19086.1	19097.2	19099.2	19100.5	19110.4	19139.2	19192.1	19270.7
12.5°	19009.0	18963.4	18954.6	18967.1	18983.9	18989.3	18987.8	18992.0	19025.8	19095.7	19205.4
15°	18916.9	18831.0	18801.7	18804.9	18825.6	18833.1	18827.6	18819.3	18852.3	18937.6	19079.6
17.5°	18767.8	18629.3	18575.4	18573.0	18597.3	18603.8	18590.4	18564.6	18597.0	18703.5	18879.7
20°	18541.2	18336.8	18235.2	18219.0	18245.4	18237.7	18211.1	18172.1	18214.7	18344.1	18553.7
22.5°	18133.7	17874.8	17701.2	17645.2	17676.8	17655.7	17617.0	17567.1	17623.7	17770.8	18004.2
25°	17468.0	17168.8	16931.1	16797.8	16822.9	16785.3	16743.1	16682.6	16750.1	16918.9	17175.9
27.5°	16489.4	16143.7	15849.3	15628.6	15636.7	15587.4	15538.7	15460.5	15544.8	15744.7	16034.5
30°	15188.2	14788.2	14429.6	14129.8	14102.9	14055.1	14005.1	13902.5	14008.0	14247.2	14585.9
32.5°	13554.0	13109.9	12695.6	12316.5	12244.9	12198.2	12153.8	12035.7	12173.8	12452.7	12841.8
35°	11642.9	11169.9	10720.7	10287.7	10169.1	10122.4	10083.5	9970.4	10142.7	10446.3	10866.5
37.5°	9545.2	9061.9	8616.0	8171.9	8004.5	7941.2	7913.0	7838.8	8037.6	8337.8	8759.8
40°	7391.7	6942.4	6542.6	6150.3	5959.5	5862.5	5847.7	5834.2	6026.5	6286.8	6669.9
42.5°	5377.2	5014.6	4706.4	4406.6	4233.6	4101.2	4101.1	4141.4	4314.4	4509.4	4804.8
45°	3719.6	3476.3	3279.8	3079.5	3133.1	2869.2	3024.2	2944.7	3030.2	3155.9	3348.0
47.5°	2556.8	2424.1	2316.1	2204.2	2122.6	2044.8	2051.6	2101.8	2182.3	2256.9	2356.9
50°	1863.5	1795.9	1740.9	1682.8	1642.2	1607.8	1609.8	1631.6	1673.9	1713.2	1765.5
52.5°	1460.2	1422.8	1393.0	1360.9	1339.6	1322.5	1323.4	1334.0	1356.9	1379.3	1409.3
55°	1203.5	1199.1	1160.2	1131.4	1120.4	1108.9	1111.0	1115.1	1130.7	1143.9	1163.7
57.5°	1008.6	991.2	979.5	964.3	957.4	949.3	951.1	952.6	963.1	971.9	986.2
60°	870.9	858.6	850.3	840.0	835.4	830.3	831.5	832.4	839.0	844.8	855.0
62.5°	779.4	768.4	761.2	753.3	750.0	746.5	747.4	747.6	751.8	756.1	763.8
65°	709.3	700.5	694.5	687.6	684.3	680.7	681.0	681.0	684.6	687.6	693.4
67.5°	635.1	628.4	624.6	619.1	616.8	613.2	613.1	612.0	614.2	615.5	619.4
70°	575.5	568.8	563.9	558.7	555.8	552.6	552.6	552.7	555.4	558.1	563.3
72.5°	538.7	532.3	527.9	523.4	520.6	517.9	517.4	517.2	519.1	520.6	523.9
75°	490.0	484.9	482.3	478.0	475.9	472.7	472.3	470.8	471.7	472.1	474.6
77.5°	430.9	426.1	424.0	419.6	417.8	414.3	414.0	412.5	413.2	412.7	414.6
80°	363.5	359.2	358.0	354.4	353.6	350.3	349.8	347.8	348.5	346.9	347.7
82.5°	288.3	284.3	283.5	280.1	280.1	277.2	277.1	274.2	274.2	271.6	267.6
85°	203.1	200.1	198.9	196.2	195.4	193.0	191.9	189.1	188.1	186.3	185.7
87.5°	107.2	105.3	103.7	102.4	100.0	95.8	95.4	92.4	92.7	90.6	90.7
90°	39.7	36.6	35.5	32.6	31.3	29.0	27.9	28.5	29.6	30.5	31.5
92.5°	39.9	38.3	36.9	35.3	33.8	32.3	30.7	32.3	33.8	35.3	36.9
95°	45.3	44.0	42.6	41.2	39.9	38.5	37.2	38.5	39.9	41.3	42.7
97.5°	50.4	49.5	48.7	47.8	46.9	46.0	45.2	46.1	47.0	47.9	48.8
100°	58.1	57.1	56.0	55.0	54.0	52.9	51.9	53.1	54.2	55.2	56.2
102.5°	101.4	95.1	88.8	82.5	76.1	69.9	63.5	69.9	76.1	82.6	88.9
105°	243.0	221.8	200.4	179.1	157.8	136.4	115.1	136.5	157.9	179.2	200.6
107.5°	490.3	453.0	415.5	378.0	340.3	302.9	265.4	302.9	340.4	378.0	415.6
110°	728.4	696.1	663.7	631.3	598.9	566.6	534.2	566.7	599.1	631.5	664.0



TEST NUMBER: P1444734  
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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°	857.0	837.4	817.6	798.0	778.3	758.5	738.7	758.7	778.5	798.4	818.1
115°	883.8	873.2	862.9	852.4	842.0	831.6	821.0	831.7	842.3	852.9	863.5
117.5°	850.7	847.1	843.3	839.6	835.9	832.1	828.3	832.3	836.3	840.3	844.1
120°	783.7	784.1	784.3	784.6	784.9	785.1	785.2	785.4	785.4	785.4	785.3
122.5°	710.4	713.1	715.5	718.2	720.6	723.2	725.5	723.4	721.2	719.1	716.6
125°	642.9	645.6	648.2	650.8	653.4	656.0	658.4	656.4	654.2	651.9	649.6
127.5°	585.4	587.8	590.0	592.5	594.7	596.9	599.0	597.3	595.5	593.6	591.6
130°	537.6	539.5	541.2	542.9	544.5	546.1	547.4	546.4	545.2	544.2	542.8
132.5°	502.7	504.2	505.5	506.7	507.7	508.9	509.7	509.4	508.6	508.1	507.2
135°	475.8	476.6	477.3	478.2	478.8	479.4	479.8	479.9	479.7	479.5	479.2
137.5°	453.2	453.5	453.8	454.0	454.3	454.3	454.3	454.8	455.2	455.6	455.7
140°	437.8	438.3	438.7	438.9	439.1	439.3	439.2	439.8	440.1	440.5	440.7
142.5°	422.5	422.9	423.2	423.5	423.6	423.8	423.7	424.3	424.6	424.9	425.2
145°	411.1	411.2	411.4	411.5	411.4	411.4	411.0	411.9	412.4	412.9	413.4
147.5°	399.9	400.1	400.1	400.1	400.0	400.0	399.7	400.4	400.9	401.4	402.0
150°	391.1	391.5	391.9	392.3	392.4	392.6	392.6	393.1	393.3	393.6	393.7
152.5°	382.7	382.9	383.4	383.6	383.8	383.9	384.0	384.4	384.8	385.1	385.3
155°	374.7	375.2	375.6	376.0	376.3	376.7	376.9	377.2	377.5	377.6	377.8
157.5°	368.0	368.4	368.8	369.2	369.5	370.0	370.2	370.6	370.9	371.1	371.2
160°	362.9	363.4	363.7	364.2	364.5	364.9	365.2	365.5	365.8	366.0	366.2
162.5°	359.6	360.1	360.3	360.7	361.1	361.4	361.7	362.1	362.4	362.6	362.8
165°	355.3	355.8	356.3	356.8	357.4	357.8	358.3	358.5	358.5	358.5	358.6
167.5°	355.1	355.6	356.0	356.5	356.9	357.5	357.9	358.0	358.1	358.1	358.1
170°	354.3	354.7	355.1	355.6	356.0	356.5	356.8	356.8	356.8	356.9	356.9
172.5°	353.4	354.0	354.6	355.2	355.6	356.2	356.6	356.6	356.4	356.3	355.9
175°	353.2	353.7	354.2	354.7	355.0	355.6	356.1	355.7	355.6	355.5	355.2
177.5°	356.2	356.9	357.5	358.0	358.5	359.0	359.6	359.1	358.7	358.3	357.7
180°	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6



TEST NUMBER: P1444734  
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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°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19321.8	19331.5	19346.2	19359.6	19379.8	19395.7	19419.6	19437.8	19464.7	19482.3	19511.5
5°	19323.5	19361.3	19411.0	19459.5	19517.8	19570.7	19636.5	19692.6	19758.7	19812.7	19880.3
7.5°	19350.8	19423.7	19511.1	19599.1	19698.7	19791.8	19896.7	19991.7	20095.6	20183.4	20279.5
10°	19371.0	19483.4	19612.1	19741.8	19878.2	20004.8	20132.7	20243.3	20346.6	20431.6	20506.7
12.5°	19343.6	19498.5	19663.7	19823.3	19974.9	20106.1	20216.1	20301.1	20359.9	20399.7	20409.0
15°	19250.7	19437.1	19616.8	19775.6	19901.5	19998.6	20048.8	20072.3	20047.1	20005.1	19913.0
17.5°	19077.1	19273.7	19434.4	19559.8	19626.2	19652.6	19611.0	19538.6	19397.1	19240.0	19013.2
20°	18759.0	18942.2	19058.7	19127.1	19109.2	19043.4	18886.4	18695.4	18412.9	18111.9	17714.7
22.5°	18200.9	18361.0	18423.1	18428.2	18319.6	18155.0	17871.5	17544.0	17098.4	16635.1	16065.4
25°	17363.2	17503.4	17513.3	17458.2	17259.5	16992.6	16576.4	16113.1	15507.6	14890.3	14176.3
27.5°	16227.0	16361.6	16328.6	16225.8	15950.0	15592.8	15060.1	14461.5	13715.0	12986.0	12196.2
30°	14798.9	14942.7	14904.0	14772.2	14444.2	14022.0	13395.1	12699.6	11870.8	11092.1	10291.8
32.5°	13089.7	13271.6	13244.9	13119.6	12777.3	12325.4	11645.2	10907.6	10059.7	9292.3	8513.9
35°	11147.1	11367.9	11379.3	11297.4	10979.6	10533.1	9861.4	9147.4	8335.2	7611.2	6892.0
37.5°	9054.1	9310.1	9362.7	9340.6	9077.2	8683.0	8071.0	7430.5	6711.0	6076.5	5461.4
40°	6949.6	7208.7	7298.6	7325.3	7130.9	6825.6	6323.4	5806.4	5219.8	4705.6	4217.2
42.5°	5030.3	5260.1	5346.9	5401.5	5280.3	5076.6	4710.3	4334.9	3905.1	3534.2	3178.7
45°	3493.6	3656.1	3722.2	3777.2	3711.1	3596.3	3364.9	3130.1	2846.5	2604.2	2374.7
47.5°	2442.6	2532.2	2575.9	2602.5	2577.0	2517.1	2391.1	2255.1	2095.0	1953.3	1817.2
50°	1810.5	1858.2	1881.0	1896.4	1877.8	1844.5	1776.3	1702.3	1614.4	1534.1	1455.7
52.5°	1434.8	1462.1	1475.7	1484.0	1473.3	1452.9	1413.2	1369.4	1316.6	1267.0	1241.0
55°	1208.7	1207.3	1238.7	1223.5	1238.7	1204.9	1197.7	1149.5	1105.7	1074.8	1041.5
57.5°	996.8	1011.0	1017.0	1023.8	1019.3	1013.2	996.3	979.1	956.0	936.7	916.1
60°	862.8	874.5	881.1	887.8	887.4	885.1	875.3	865.0	850.6	839.0	826.6
62.5°	770.6	780.7	787.2	793.6	794.2	793.2	785.9	778.7	768.8	761.6	753.0
65°	698.0	705.1	709.6	714.6	714.4	713.0	706.3	700.3	692.3	687.2	680.9
67.5°	622.0	627.4	630.8	635.6	636.6	636.9	633.2	630.4	626.5	625.0	622.8
70°	568.0	574.5	580.1	586.1	589.5	591.0	589.5	588.0	585.7	584.7	583.0
72.5°	527.1	532.6	536.9	542.4	545.5	547.8	546.5	545.8	543.7	543.4	542.3
75°	476.3	480.1	482.5	486.7	488.3	490.4	489.5	490.0	489.3	491.0	490.9
77.5°	415.3	418.1	419.2	422.2	422.5	425.0	425.6	428.5	430.6	435.2	437.7
80°	346.5	348.3	348.3	351.4	352.7	357.0	359.0	363.8	366.1	370.1	370.5
82.5°	269.2	267.1	269.2	267.9	271.8	276.6	277.2	281.3	282.2	284.9	282.8
85°	184.0	183.9	182.3	182.5	181.3	181.9	181.2	181.9	181.3	181.3	179.5
87.5°	88.2	89.0	87.0	87.6	85.8	86.6	85.0	86.3	84.4	84.7	81.8
90°	32.4	33.4	34.4	35.5	36.9	39.8	42.8	45.7	48.9	51.8	54.8
92.5°	38.3	40.0	41.5	43.1	44.6	49.2	53.8	58.5	63.2	67.6	72.2
95°	44.0	45.4	46.8	48.3	49.7	56.3	63.0	69.6	76.3	82.9	89.6
97.5°	49.7	50.6	51.4	52.3	53.2	61.1	68.9	76.8	84.7	92.4	100.2
100°	57.4	58.4	59.4	60.5	61.4	79.6	97.6	115.7	133.8	151.9	169.9
102.5°	95.3	101.6	107.9	114.3	120.6	164.5	208.4	252.1	295.9	339.8	383.6
105°	222.0	243.3	264.6	286.0	307.3	373.7	440.1	506.5	572.7	639.1	705.4
107.5°	453.2	490.7	528.4	565.9	603.4	665.9	728.2	790.6	853.0	915.5	977.7
110°	696.4	728.8	761.3	793.7	826.1	875.7	925.4	974.8	1024.3	1073.9	1123.4



TEST NUMBER: P1444734  
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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°	838.0	857.7	877.4	897.1	916.8	953.3	989.8	1026.1	1062.6	1098.7	1135.2
115°	874.1	884.5	895.0	905.4	916.0	938.1	960.0	982.1	1004.1	1026.0	1048.0
117.5°	848.0	851.8	855.6	859.3	863.1	874.5	885.8	897.3	908.7	920.0	931.3
120°	785.2	785.1	784.9	784.6	784.4	788.0	791.8	795.4	799.0	802.6	806.1
122.5°	714.5	711.8	709.6	707.0	704.6	703.5	702.5	701.4	700.5	699.4	698.4
125°	647.2	644.7	642.2	639.7	637.1	634.2	631.3	628.2	625.3	622.3	619.3
127.5°	589.7	587.4	585.3	583.0	580.8	577.3	574.1	570.6	567.4	563.8	560.5
130°	541.4	539.9	538.5	536.6	535.2	532.2	529.4	526.5	523.6	520.7	517.8
132.5°	506.4	505.3	504.4	503.1	502.1	499.4	497.0	494.3	491.8	489.1	486.7
135°	478.9	478.4	477.9	477.3	476.6	474.6	472.8	470.9	469.0	467.1	465.2
137.5°	456.0	455.9	455.8	455.7	455.6	454.1	452.5	451.0	449.5	447.9	446.5
140°	440.7	440.7	440.8	440.7	440.6	438.9	437.3	435.7	434.0	432.2	430.7
142.5°	425.2	425.3	425.3	425.2	425.2	424.0	422.8	421.5	420.2	418.9	417.7
145°	413.6	413.8	414.2	414.2	414.6	412.9	411.5	409.8	408.4	406.8	405.3
147.5°	402.3	402.6	403.0	403.1	403.5	402.1	401.0	399.6	398.4	397.0	395.9
150°	393.8	393.9	394.0	394.0	394.0	392.6	391.4	389.9	388.6	387.2	385.9
152.5°	385.4	385.6	385.7	385.8	386.0	384.6	383.2	381.7	380.2	378.7	377.2
155°	377.9	377.9	378.0	378.0	378.0	376.7	375.3	373.9	372.5	371.1	369.8
157.5°	371.4	371.5	371.7	371.8	371.9	370.7	369.5	368.2	367.1	365.8	364.6
160°	366.4	366.6	366.8	366.9	367.0	366.0	365.1	363.9	363.1	361.8	360.7
162.5°	363.1	363.3	363.4	363.5	363.6	362.6	361.8	360.7	359.7	358.5	357.5
165°	358.8	358.7	358.7	358.6	358.5	357.9	357.3	356.6	355.9	355.2	354.5
167.5°	358.3	358.2	358.2	358.1	358.0	357.5	357.3	356.6	356.1	355.6	355.1
170°	357.0	356.9	356.9	356.8	356.7	356.2	355.8	355.3	354.9	354.3	353.7
172.5°	355.8	355.6	355.4	355.2	354.9	354.6	354.2	353.9	353.6	353.3	352.9
175°	354.9	354.6	354.5	354.2	353.9	353.8	353.6	353.6	353.4	353.3	353.1
177.5°	357.4	356.9	356.4	356.0	355.6	355.4	355.3	355.1	355.0	354.9	354.7
180°	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6



TEST NUMBER: P1444734  
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**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19529.8	19409.1	19393.2	19401.7	19421.8	19429.2	19451.0	19457.0	19478.8	19484.3	19505.3
5°	19932.7	19773.3	19781.3	19819.6	19877.6	19912.2	19969.2	19999.1	20053.5	20078.3	20127.5
7.5°	20357.6	20232.4	20271.5	20336.1	20415.4	20470.4	20539.0	20583.5	20642.6	20679.3	20726.6
10°	20566.2	20532.0	20574.9	20625.8	20671.1	20706.5	20735.5	20758.8	20774.1	20788.3	20794.5
12.5°	20407.5	20460.6	20467.9	20462.9	20433.0	20410.1	20358.6	20323.7	20261.6	20223.8	20150.1
15°	19818.9	19935.6	19871.0	19773.1	19629.9	19510.5	19342.0	19216.4	19040.9	18921.8	18745.6
17.5°	18785.9	18933.3	18764.9	18538.4	18250.4	18004.0	17697.2	17453.5	17148.5	16926.5	16641.8
20°	17331.8	17469.5	17169.1	16793.7	16348.2	15973.1	15530.9	15178.1	14767.2	14461.5	14092.6
22.5°	15521.2	15619.3	15196.1	14690.1	14122.4	13653.9	13125.2	12702.2	12233.2	11883.8	11490.3
25°	13518.2	13544.6	13037.0	12454.0	11821.3	11294.9	10730.3	10285.6	9807.3	9453.1	9067.1
27.5°	11496.5	11457.6	10908.9	10290.8	9625.3	9078.1	8527.5	8110.7	7691.8	7372.8	7040.2
30°	9588.2	9494.3	8924.5	8289.2	7643.2	7152.7	6695.6	6360.9	6027.7	5774.6	5507.6
32.5°	7838.4	7705.8	7151.2	6556.0	6011.6	5633.1	5294.1	5040.9	4771.8	4558.0	4334.0
35°	6288.5	6147.2	5655.9	5151.3	4739.3	4460.2	4193.9	3986.1	3757.6	3577.2	3382.7
37.5°	4958.3	4842.5	4431.0	4033.9	3722.2	3506.0	3287.7	3118.0	2929.1	2849.8	2641.9
40°	3827.8	3746.9	3425.1	3132.4	2898.3	2796.8	2575.2	2416.5	2275.4	2159.1	2046.4
42.5°	2985.7	2957.1	2643.9	2415.6	2250.9	2122.9	1999.4	1899.2	1801.6	1721.4	1645.6
45°	2191.1	2168.4	2029.4	1897.6	1785.3	1695.8	1612.5	1543.5	1479.7	1426.8	1378.7
47.5°	1706.2	1698.9	1618.9	1537.1	1466.4	1409.0	1354.8	1309.0	1266.7	1231.4	1219.9
50°	1387.7	1386.8	1339.8	1289.3	1239.0	1205.8	1171.2	1144.1	1117.0	1095.8	1073.5
52.5°	1179.1	1174.0	1142.2	1111.2	1081.3	1059.4	1037.3	1020.1	1002.0	989.0	975.0
55°	1015.1	1020.4	1002.1	983.5	964.8	951.2	935.8	924.4	911.9	903.7	895.4
57.5°	901.2	908.2	898.6	888.1	876.7	867.8	857.1	849.2	841.0	835.7	830.8
60°	818.3	826.0	822.1	816.9	809.8	804.5	797.8	793.3	788.1	785.1	782.3
62.5°	748.0	757.7	756.3	753.8	749.3	746.4	742.6	740.7	737.1	735.8	734.6
65°	677.8	688.7	688.5	687.3	684.8	683.9	681.7	681.2	679.4	680.1	680.0
67.5°	622.6	632.2	634.2	635.7	635.6	636.2	636.0	637.0	637.0	638.3	639.1
70°	582.9	589.5	591.0	592.6	593.0	594.3	594.3	595.1	594.9	596.0	596.2
72.5°	542.6	551.2	552.9	554.1	554.1	555.4	554.7	554.5	552.8	552.4	551.2
75°	492.5	503.6	506.1	507.6	507.9	508.9	507.5	506.5	503.6	502.5	500.5
77.5°	440.2	451.8	453.5	454.1	453.2	453.3	450.2	448.0	444.4	442.8	440.9
80°	372.1	389.2	390.5	389.4	386.7	386.4	383.3	381.2	376.9	375.4	373.7
82.5°	283.1	303.1	305.9	307.2	305.0	305.5	302.5	301.4	297.4	296.6	294.0
85°	178.8	198.8	202.0	201.6	199.4	198.8	197.1	197.8	197.4	198.4	199.0
87.5°	82.1	101.4	106.1	104.6	104.4	103.0	100.0	101.1	103.0	104.1	104.2
90°	57.8	66.6	69.5	67.4	63.4	61.1	57.3	55.2	51.8	49.7	46.2
92.5°	76.9	81.5	86.1	82.0	77.9	73.8	69.7	65.5	61.5	57.3	53.3
95°	96.3	102.8	109.4	104.0	98.4	92.9	87.5	82.0	76.6	71.1	65.6
97.5°	108.1	115.8	123.6	118.2	112.7	107.1	101.7	96.2	90.7	85.2	79.7
100°	188.1	205.7	223.9	208.4	192.7	177.2	161.7	146.0	130.5	115.0	99.3
102.5°	427.2	470.9	514.6	475.3	435.9	396.7	357.5	318.1	278.9	239.5	200.2
105°	771.6	837.7	903.9	843.8	783.8	723.9	663.9	603.9	544.0	484.0	424.1
107.5°	1040.0	1101.9	1164.1	1109.8	1055.6	1001.5	947.2	893.0	838.7	784.6	730.4
110°	1172.9	1221.7	1271.1	1234.7	1198.3	1161.9	1125.6	1089.1	1052.8	1016.5	980.3



TEST NUMBER: P1444734  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL30

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	1171.4	1207.0	1243.0	1221.6	1200.5	1179.2	1158.1	1136.7	1115.7	1094.4	1073.4
115°	1069.8	1090.8	1112.4	1104.0	1095.7	1087.3	1078.9	1070.7	1062.3	1054.1	1045.8
117.5°	942.7	952.7	963.7	962.2	960.8	959.3	957.9	956.4	955.1	953.7	952.4
120°	809.8	812.0	815.2	816.3	817.6	818.8	820.0	821.2	822.5	823.8	825.1
122.5°	697.2	694.7	693.2	694.2	695.4	696.4	697.6	698.8	700.0	701.1	702.4
125°	616.2	611.7	608.1	606.8	605.6	604.2	603.0	601.5	600.4	599.2	598.0
127.5°	557.1	552.0	548.1	545.0	541.7	538.5	535.2	531.9	528.8	525.5	522.5
130°	515.0	510.2	506.8	502.7	498.7	494.5	490.4	486.3	482.2	478.1	474.1
132.5°	484.0	479.5	476.5	472.5	468.7	464.7	460.9	456.8	452.9	448.9	445.1
135°	463.3	459.3	457.0	453.3	450.0	446.4	442.8	439.2	435.7	432.0	428.6
137.5°	444.9	441.1	439.1	436.3	433.6	430.8	428.0	425.1	422.3	419.3	416.5
140°	429.0	425.0	422.9	421.4	419.9	418.2	416.7	415.1	413.6	412.0	410.3
142.5°	416.5	412.7	410.9	409.9	409.1	408.1	407.3	406.3	405.4	404.2	403.3
145°	403.8	399.5	397.4	397.3	397.5	397.4	397.4	397.4	397.4	397.2	397.2
147.5°	394.5	390.2	388.3	388.5	388.8	389.0	389.4	389.5	389.9	390.1	390.4
150°	384.4	379.6	377.3	377.8	378.3	378.8	379.4	379.8	380.4	380.9	381.4
152.5°	375.7	369.9	367.3	367.9	368.5	369.1	369.6	370.2	370.9	371.6	372.1
155°	368.2	362.0	359.3	359.5	359.7	359.9	360.2	360.5	360.9	361.2	361.6
157.5°	363.2	356.8	354.3	354.2	354.3	354.4	354.6	354.6	354.8	355.0	355.3
160°	359.7	353.4	350.9	350.8	350.9	351.0	351.0	351.0	351.2	351.4	351.7
162.5°	356.4	350.2	347.8	347.8	347.8	347.7	347.8	347.8	347.9	347.9	348.2
165°	353.7	348.4	346.4	346.5	346.7	346.8	346.9	347.2	347.5	347.7	348.0
167.5°	354.4	349.8	348.2	347.9	347.8	347.5	347.5	347.2	347.2	347.1	347.1
170°	353.1	349.5	347.9	348.0	348.2	348.2	348.2	348.3	348.4	348.4	348.6
172.5°	352.6	349.8	348.8	349.1	349.5	349.7	350.0	350.3	350.7	350.9	351.3
175°	352.9	351.3	350.8	350.8	351.0	351.2	351.4	351.5	351.7	351.8	352.2
177.5°	354.6	354.1	353.7	353.7	353.7	353.7	353.7	353.7	353.7	353.8	353.8
180°	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6



TEST NUMBER: P1444734  
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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19509.2	19531.9	19530.2	19551.4	19550.4	19570.4	19566.4	19583.7	19579.7	19594.5	19585.9
5°	20149.1	20192.4	20206.7	20245.8	20253.8	20288.7	20289.4	20317.3	20313.9	20335.6	20324.1
7.5°	20754.5	20794.9	20814.0	20844.4	20859.5	20884.6	20894.5	20915.2	20920.1	20932.3	20931.9
10°	20805.6	20805.4	20814.9	20810.7	20819.2	20814.3	20824.6	20820.9	20836.1	20832.2	20843.8
12.5°	20118.1	20049.9	20025.1	19963.8	19950.4	19897.7	19901.5	19867.8	19884.0	19863.3	19898.6
15°	18640.7	18482.5	18404.3	18266.7	18223.5	18114.7	18105.9	18033.7	18053.2	18015.4	18070.7
17.5°	16457.6	16208.4	16071.7	15870.7	15791.0	15637.1	15606.3	15513.3	15527.7	15480.8	15547.5
20°	13854.6	13553.5	13381.0	13148.7	13045.0	12861.6	12813.0	12708.9	12722.0	12675.4	12750.9
22.5°	11221.9	10906.8	10712.1	10468.5	10336.1	10163.7	10111.9	10007.4	10013.3	9969.6	10042.2
25°	8802.6	8500.5	8311.5	8090.2	7975.3	7817.3	7762.9	7669.0	7674.3	7638.3	7703.3
27.5°	6809.4	6561.6	6403.4	6218.0	6115.0	5985.0	5932.0	5853.1	5852.8	5826.3	5880.8
30°	5321.2	5114.3	4972.3	4810.9	4714.2	4596.8	4545.6	4475.0	4471.9	4453.2	4496.4
32.5°	4166.4	3982.4	3852.9	3710.8	3624.0	3523.3	3474.8	3418.0	3412.9	3395.8	3431.4
35°	3238.9	3083.9	2972.5	2852.9	2861.6	2713.2	2737.8	2622.5	2591.2	2584.4	2610.8
37.5°	2503.3	2383.2	2292.7	2203.1	2142.5	2079.7	2045.9	2015.5	2012.1	2009.2	2027.6
40°	1959.4	1875.4	1809.6	1748.1	1706.3	1668.0	1646.9	1630.2	1626.2	1624.1	1635.2
42.5°	1585.8	1529.2	1486.7	1449.2	1423.8	1403.0	1391.4	1382.2	1379.1	1379.1	1385.7
45°	1339.8	1305.4	1278.1	1254.8	1238.6	1245.7	1224.7	1235.7	1221.2	1236.2	1226.3
47.5°	1179.9	1150.6	1133.6	1117.1	1107.4	1099.5	1099.7	1099.9	1103.0	1103.5	1106.7
50°	1056.5	1039.6	1027.8	1017.3	1012.2	1008.0	1009.4	1010.5	1013.5	1013.7	1016.1
52.5°	965.1	954.0	946.9	940.4	938.1	935.8	936.8	936.3	937.7	937.0	938.9
55°	890.8	885.6	883.4	881.0	881.3	880.7	881.0	878.7	877.2	875.5	877.1
57.5°	829.8	829.1	830.7	831.6	834.5	835.5	836.1	833.4	830.7	828.4	829.7
60°	782.9	784.0	787.7	790.8	794.8	796.7	797.8	796.2	794.3	792.4	793.6
62.5°	736.5	738.3	742.7	746.1	751.0	753.5	756.3	756.4	757.1	756.4	757.2
65°	682.7	684.9	688.9	691.7	696.2	698.5	701.3	701.9	703.4	703.0	704.4
67.5°	641.8	643.9	647.2	649.8	653.8	656.2	658.6	658.8	659.4	659.3	660.5
70°	598.2	599.2	602.2	604.4	608.4	610.8	613.7	614.6	616.3	616.7	618.0
72.5°	551.7	551.2	553.0	554.0	557.1	558.9	562.6	564.6	567.6	568.4	569.5
75°	501.0	500.7	502.7	503.6	506.2	508.1	512.2	514.8	519.5	521.4	521.0
77.5°	442.5	443.5	447.5	449.7	453.2	455.5	460.8	465.0	473.6	477.3	473.5
80°	376.9	377.9	382.1	384.2	388.7	391.5	397.5	402.5	410.1	411.8	409.7
82.5°	296.3	296.6	300.4	301.9	307.8	312.0	319.6	323.5	328.2	327.5	326.9
85°	202.0	204.7	209.5	214.1	221.2	228.1	235.3	241.1	237.0	243.5	236.2
87.5°	107.9	107.7	114.0	113.0	123.1	128.9	135.0	137.9	141.3	140.6	140.7
90°	44.4	42.1	41.5	39.1	38.9	36.3	36.7	34.3	35.0	32.2	36.3
92.5°	49.1	47.0	44.7	42.6	40.2	38.2	35.8	33.6	31.4	29.2	31.4
95°	60.2	58.1	56.1	53.9	51.9	49.8	47.9	45.8	43.8	41.7	44.2
97.5°	74.2	73.1	71.9	70.7	69.5	68.2	67.1	65.9	64.7	63.5	65.3
100°	83.8	83.8	83.8	83.8	83.7	83.7	83.7	83.7	83.7	83.7	85.1
102.5°	160.9	157.0	153.1	149.1	145.2	141.3	137.4	133.4	129.5	125.6	131.4
105°	364.1	348.8	333.3	317.9	302.5	287.2	271.8	256.5	241.1	225.8	241.6
107.5°	676.3	648.2	620.1	592.2	564.1	536.1	508.1	480.2	452.2	424.2	449.3
110°	943.9	914.2	884.5	854.8	825.0	795.2	765.6	735.8	706.2	676.5	700.4



TEST NUMBER: P1444734  
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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	1052.2	1032.9	1013.6	994.5	975.3	956.2	937.1	918.0	898.9	879.8	891.4
115°	1037.6	1028.4	1019.3	1010.2	1001.0	991.9	982.7	973.8	964.7	955.6	956.4
117.5°	951.1	948.0	944.9	941.9	938.9	935.9	932.9	930.0	927.1	924.2	917.7
120°	826.6	827.5	828.4	829.4	830.5	831.6	832.6	833.7	834.9	836.1	827.4
122.5°	703.7	705.9	708.2	710.6	712.9	715.4	717.7	720.3	722.9	725.4	716.7
125°	596.7	598.9	601.2	603.4	605.6	608.1	610.5	613.0	615.6	618.2	610.9
127.5°	519.3	520.1	520.8	521.8	522.6	523.6	524.7	525.9	527.0	528.3	523.7
130°	470.0	469.2	468.4	467.8	466.9	466.4	465.9	465.5	465.0	464.8	462.8
132.5°	441.1	439.3	437.4	435.6	433.9	432.3	430.7	429.3	427.9	426.6	426.0
135°	424.9	422.3	419.8	417.4	414.9	412.7	410.4	408.3	406.2	404.2	404.6
137.5°	413.7	411.2	408.6	406.1	403.7	401.5	399.1	397.0	395.0	393.0	393.7
140°	408.8	406.1	403.7	401.2	399.0	396.6	394.4	392.3	390.2	388.4	388.8
142.5°	402.3	400.1	397.7	395.6	393.3	391.3	389.3	387.5	385.4	383.6	384.2
145°	397.2	395.5	393.8	392.2	390.6	389.1	387.5	386.2	384.8	383.6	383.9
147.5°	390.5	389.4	388.0	386.8	385.5	384.5	383.4	382.4	381.4	380.5	380.6
150°	381.9	381.1	380.3	379.5	378.8	378.0	377.3	376.7	376.0	375.4	375.3
152.5°	372.8	372.0	371.2	370.5	369.9	369.1	368.5	368.0	367.4	366.8	366.7
155°	362.0	361.6	361.3	361.1	360.7	360.5	360.2	360.2	359.9	359.7	359.8
157.5°	355.5	355.5	355.3	355.3	355.2	355.3	355.1	355.3	355.1	355.3	355.4
160°	352.0	351.7	351.5	351.4	351.2	350.9	350.8	350.7	350.7	350.5	350.8
162.5°	348.4	348.6	348.7	348.8	349.0	349.2	349.4	349.7	349.8	350.1	350.3
165°	348.4	348.3	348.2	348.1	348.1	348.2	348.1	348.2	348.2	348.3	348.7
167.5°	347.0	347.3	347.4	347.7	347.8	348.1	348.4	348.8	349.1	349.6	349.9
170°	348.7	348.7	348.7	348.7	348.7	348.8	348.8	348.9	349.0	349.2	349.5
172.5°	351.6	351.6	351.5	351.6	351.5	351.6	351.6	351.7	351.7	351.7	351.9
175°	352.2	352.6	352.7	352.9	353.1	353.2	353.4	353.6	353.7	353.9	353.9
177.5°	353.8	353.9	353.9	353.9	353.9	354.0	354.0	354.0	354.0	353.9	354.1
180°	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6



TEST NUMBER: P1444734  
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**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19600.3	19590.4	19600.5	19590.3	19600.5	19588.3	19596.6	19583.3	19586.7	19573.0	19576.5
5°	20341.4	20325.7	20334.0	20313.7	20315.9	20288.7	20288.3	20256.7	20248.4	20212.4	20196.6
7.5°	20940.6	20935.6	20938.4	20925.3	20923.9	20905.3	20896.5	20870.4	20854.0	20820.9	20798.3
10°	20845.8	20861.1	20865.0	20880.6	20883.8	20899.2	20902.5	20917.9	20921.1	20932.5	20932.7
12.5°	19897.0	19948.8	19961.3	20025.3	20052.3	20125.6	20164.9	20245.8	20293.7	20374.3	20423.8
15°	18069.1	18158.8	18194.6	18319.8	18389.1	18535.1	18626.9	18794.5	18912.9	19091.1	19218.2
17.5°	15553.4	15678.9	15735.5	15905.2	16015.8	16231.4	16386.8	16642.6	16838.4	17122.6	17347.9
20°	12763.7	12903.1	12980.0	13173.6	13304.2	13556.1	13750.1	14064.3	14326.4	14686.6	14994.6
22.5°	10065.0	10197.6	10282.8	10479.8	10626.9	10889.6	11106.4	11438.1	11731.8	12137.7	12506.9
25°	7728.0	7849.5	7926.7	8104.8	8242.9	8484.3	8691.3	9010.4	9297.7	9704.8	10083.5
27.5°	5907.9	6009.8	6084.1	6235.9	6357.8	6562.5	6740.4	7004.0	7251.6	7603.8	7941.0
30°	4523.0	4613.3	4685.6	4817.9	4930.8	5108.3	5264.7	5486.2	5691.0	5971.3	6239.5
32.5°	3456.4	3534.0	3598.5	3714.2	3816.7	3976.5	4117.5	4311.6	4487.4	4725.1	4945.8
35°	2635.3	2788.2	2777.4	2937.1	2962.8	3077.4	3203.1	3372.9	3528.7	3730.7	3918.6
37.5°	2045.5	2088.5	2134.5	2205.1	2279.2	2383.6	2489.9	2697.2	2773.3	2926.0	3081.5
40°	1649.4	1678.5	1708.9	1756.6	1808.6	1882.1	1959.4	2058.4	2159.8	2283.6	2410.0
42.5°	1394.5	1410.9	1430.3	1458.3	1490.3	1537.0	1588.7	1655.8	1726.3	1813.5	1902.4
45°	1245.8	1238.0	1243.8	1258.9	1278.2	1306.5	1339.2	1380.7	1426.6	1483.0	1543.2
47.5°	1107.4	1110.5	1112.2	1120.4	1130.7	1149.8	1169.5	1197.7	1252.2	1268.8	1301.6
50°	1015.9	1017.4	1016.9	1021.1	1026.2	1038.7	1051.4	1070.6	1089.6	1114.9	1139.0
52.5°	939.2	941.3	941.0	943.8	946.6	954.4	962.5	976.0	988.4	1004.6	1018.4
55°	878.6	881.6	882.8	885.0	886.4	890.5	893.7	900.2	905.4	914.6	923.0
57.5°	832.1	836.1	838.0	838.7	837.1	836.9	835.8	837.2	838.3	843.2	847.9
60°	795.4	798.7	799.1	798.7	795.7	793.5	790.0	789.0	788.4	790.8	793.3
62.5°	757.1	758.1	757.4	756.4	753.0	750.9	747.4	746.1	744.8	746.5	747.8
65°	703.9	704.9	703.9	703.4	700.3	698.6	695.6	694.6	692.9	693.3	693.1
67.5°	660.8	661.8	661.1	660.3	658.1	657.1	654.8	653.5	651.4	650.6	649.1
70°	617.8	618.7	617.4	616.7	614.2	613.2	611.1	610.8	609.1	608.8	607.1
72.5°	568.4	568.4	566.7	566.3	564.5	564.4	563.6	564.4	564.3	565.1	564.7
75°	517.9	517.2	515.0	514.6	513.3	513.9	513.0	514.2	514.3	516.2	516.4
77.5°	467.2	464.5	460.4	458.5	455.8	455.4	453.9	454.9	454.5	456.7	457.6
80°	403.2	400.0	394.7	392.3	389.0	388.5	387.1	388.5	387.7	390.3	392.1
82.5°	321.9	319.1	313.7	311.7	307.9	308.2	306.7	308.2	308.1	311.8	314.0
85°	238.1	236.3	230.7	225.7	220.1	217.0	213.8	213.3	212.3	213.8	215.1
87.5°	137.5	135.8	131.4	128.6	118.9	119.3	115.5	115.3	114.4	113.5	115.5
90°	36.6	40.2	40.7	44.0	44.8	48.5	49.5	53.1	53.9	57.8	59.1
92.5°	33.6	35.8	38.1	40.2	42.5	44.7	46.9	49.1	53.9	58.5	63.4
95°	46.8	49.4	51.9	54.5	57.0	59.6	62.2	64.7	71.7	78.7	85.6
97.5°	67.0	68.6	70.3	72.1	73.8	75.4	77.1	78.9	86.4	93.9	101.4
100°	86.5	87.8	89.2	90.6	92.0	93.4	94.7	96.1	110.7	125.2	139.7
102.5°	137.2	143.0	148.8	154.6	160.4	166.2	172.0	177.8	211.2	244.4	277.7
105°	257.5	273.3	289.2	305.2	321.0	336.9	352.8	368.7	422.0	475.3	528.7
107.5°	474.4	499.4	524.5	549.7	574.8	599.9	625.0	650.2	702.1	754.2	806.1
110°	724.2	748.3	772.1	796.1	820.0	844.0	867.8	891.9	923.1	954.2	985.5



TEST NUMBER: P1444734  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL30

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	903.0	914.6	926.3	938.0	949.7	961.3	973.0	984.8	1000.3	1015.9	1031.4
115°	957.1	957.8	958.5	959.3	960.2	960.9	961.9	962.7	967.6	972.5	977.3
117.5°	911.3	904.9	898.5	892.1	885.8	879.6	873.3	867.2	866.1	865.0	864.1
120°	819.0	810.3	801.7	793.1	784.7	776.2	767.8	759.5	755.2	750.9	746.5
122.5°	708.2	699.7	691.2	682.6	674.2	665.8	657.5	649.3	646.3	643.1	640.1
125°	603.7	596.5	589.5	582.4	575.4	568.5	561.7	554.9	554.7	554.2	554.1
127.5°	519.2	514.9	510.5	506.4	502.2	498.0	493.9	489.9	491.6	493.3	495.0
130°	460.7	458.8	457.0	455.1	453.4	451.8	450.1	448.5	451.6	454.7	457.8
132.5°	425.7	425.2	425.1	424.7	424.7	424.5	424.6	424.4	428.1	431.6	435.2
135°	405.0	405.5	406.2	406.7	407.5	408.2	409.1	409.8	413.4	416.6	420.2
137.5°	394.5	395.3	396.2	397.2	398.3	399.4	400.6	401.7	404.4	407.0	409.8
140°	389.5	390.0	390.8	391.6	392.5	393.3	394.3	395.3	397.5	399.5	401.7
142.5°	384.9	385.4	386.1	386.9	387.8	388.5	389.4	390.2	391.8	393.3	395.0
145°	384.4	384.7	385.4	385.7	386.4	387.0	387.6	388.3	389.4	390.2	391.2
147.5°	380.8	381.1	381.5	381.7	382.2	382.6	382.9	383.3	384.0	384.6	385.1
150°	375.4	375.4	375.6	375.7	375.9	376.1	376.3	376.5	377.0	377.5	378.1
152.5°	366.9	366.9	367.0	367.1	367.2	367.3	367.4	367.6	368.2	368.6	369.1
155°	360.0	360.3	360.5	360.8	361.2	361.3	361.6	361.9	362.3	362.5	362.9
157.5°	355.6	355.8	356.2	356.3	356.6	356.9	357.2	357.4	357.7	358.0	358.3
160°	351.3	351.7	352.1	352.5	353.0	353.4	353.8	354.3	354.6	354.8	355.1
162.5°	350.7	350.9	351.2	351.4	351.7	352.0	352.2	352.5	353.0	353.4	353.9
165°	349.2	349.6	350.1	350.4	350.9	351.4	351.7	352.2	352.5	352.7	352.9
167.5°	350.4	350.7	351.2	351.6	352.0	352.4	352.8	353.3	353.6	353.6	354.0
170°	349.8	350.3	350.7	350.9	351.4	351.7	352.1	352.5	352.9	353.3	353.7
172.5°	352.2	352.6	352.9	353.0	353.4	353.7	354.1	354.4	354.7	355.1	355.4
175°	353.9	353.9	354.0	354.1	354.2	354.2	354.2	354.4	354.5	354.6	354.6
177.5°	354.3	354.5	354.6	354.7	354.9	355.1	355.3	355.5	355.5	355.5	355.5
180°	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6



TEST NUMBER: P1444734  
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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°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19562.8	19563.7	19547.9	19547.0	19532.2	19530.4	19516.0	19511.5	19499.9	19495.7	19483.7
5°	20156.3	20137.1	20092.7	20066.6	20022.7	19993.6	19946.1	19915.1	19869.3	19834.7	19788.6
7.5°	20756.6	20726.7	20676.9	20636.5	20575.6	20527.0	20455.7	20397.3	20320.1	20253.3	20172.3
10°	20932.7	20928.0	20915.4	20896.9	20868.5	20836.7	20788.2	20737.6	20669.9	20596.5	20506.3
12.5°	20499.4	20546.2	20610.0	20647.8	20693.9	20714.0	20732.8	20728.1	20715.7	20678.5	20626.4
15°	19402.1	19533.6	19707.7	19842.5	19997.7	20110.4	20235.1	20312.6	20390.0	20425.8	20447.7
17.5°	17656.6	17905.4	18217.6	18476.2	18774.6	19014.2	19277.0	19474.7	19678.1	19823.9	19955.6
20°	15414.4	15775.0	16216.4	16606.3	17059.7	17453.7	17885.5	18240.0	18605.5	18891.3	19161.8
22.5°	12982.4	13410.7	13944.2	14438.5	15023.0	15548.3	16141.0	16656.9	17195.4	17645.4	18080.5
25°	10590.9	11060.6	11644.1	12195.6	12857.5	13468.5	14171.5	14814.3	15510.4	16114.8	16711.8
27.5°	8407.2	8868.2	9464.0	10051.0	10751.0	11402.1	12155.1	12863.4	13656.1	14387.0	15134.7
30°	6612.3	7003.4	7537.5	8106.1	8796.6	9459.1	10220.3	10948.8	11773.3	12571.4	13413.6
32.5°	5238.8	5536.7	5956.6	6437.4	7074.4	7705.1	8429.9	9133.2	9945.1	10751.3	11627.3
35°	4160.5	4392.9	4713.1	5088.3	5627.7	6171.4	6812.5	7452.0	8209.6	8974.6	9826.0
37.5°	3280.8	3469.3	3720.1	4002.0	4434.7	4880.8	5406.5	5936.7	6594.9	7273.0	8044.7
40°	2561.9	2714.6	2909.8	3120.0	3446.8	3790.5	4197.1	4608.2	5137.1	5691.3	6329.9
42.5°	2012.6	2125.3	2263.1	2416.7	2721.5	2904.1	3179.8	3477.1	3865.9	4268.3	4748.3
45°	1616.3	1693.1	1788.7	1891.8	2033.3	2188.1	2376.9	2574.9	2944.2	3125.4	3417.4
47.5°	1349.8	1401.4	1462.2	1527.1	1610.5	1700.5	1812.6	1927.0	2075.1	2228.6	2408.6
50°	1170.3	1222.7	1243.6	1277.2	1325.5	1377.0	1440.1	1503.2	1582.6	1663.1	1755.7
52.5°	1037.0	1054.2	1076.9	1098.2	1128.2	1186.7	1205.6	1238.7	1283.2	1326.8	1375.4
55°	935.3	946.4	961.3	974.1	992.2	1009.5	1034.5	1056.4	1086.1	1112.3	1144.7
57.5°	856.1	863.2	873.4	881.9	893.6	903.4	918.0	929.9	947.0	961.9	981.5
60°	798.6	803.3	810.2	815.7	823.2	828.3	835.5	841.1	850.1	857.7	868.6
62.5°	751.6	754.0	758.5	761.8	766.5	769.1	772.9	775.4	780.3	784.2	790.2
65°	695.2	695.8	698.8	700.1	703.9	705.2	708.4	709.6	713.6	716.5	721.8
67.5°	649.0	647.7	647.8	646.7	647.2	646.1	646.4	645.2	646.9	647.8	651.8
70°	606.8	605.0	604.4	602.5	601.9	599.9	599.4	597.5	597.4	596.7	598.2
72.5°	565.7	565.2	565.4	564.0	563.8	562.5	562.6	561.7	562.6	563.0	564.9
75°	518.4	518.6	519.5	518.2	518.6	517.5	517.9	516.9	517.4	517.2	519.1
77.5°	460.9	462.2	464.8	464.2	465.0	463.8	464.3	462.8	463.2	462.2	463.0
80°	396.2	399.1	402.4	402.2	403.7	402.8	404.0	402.6	403.2	401.5	401.1
82.5°	319.3	321.7	325.4	325.5	328.6	329.3	332.7	332.6	334.8	333.3	332.4
85°	218.3	220.0	223.1	224.9	228.0	230.1	233.5	234.8	232.4	236.8	233.3
87.5°	114.0	118.3	115.8	121.4	120.1	125.7	124.4	129.6	128.6	133.0	132.5
90°	63.7	65.3	70.1	72.0	77.4	79.7	80.5	77.8	78.4	75.8	76.4
92.5°	68.1	73.1	77.9	82.6	87.4	92.3	87.7	83.3	78.9	74.5	70.0
95°	92.6	99.7	106.7	113.7	120.6	127.6	120.1	112.7	105.2	97.7	90.2
97.5°	108.9	116.4	123.9	131.4	139.0	146.6	137.7	128.8	119.9	111.1	102.3
100°	154.2	168.8	183.3	197.8	212.4	226.9	210.4	193.9	177.3	160.7	144.2
102.5°	311.1	344.4	377.8	411.0	444.3	477.6	442.6	407.6	372.5	337.3	302.2
105°	581.9	635.2	688.5	741.8	795.2	848.6	791.7	734.8	677.8	621.0	564.0
107.5°	858.1	910.0	962.2	1014.0	1066.1	1118.1	1060.5	1002.8	945.0	887.3	829.6
110°	1016.7	1047.9	1079.2	1110.5	1141.6	1173.0	1130.8	1088.7	1046.5	1004.3	962.2



TEST NUMBER: P1444734  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL30

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	1047.1	1062.7	1078.3	1093.9	1109.5	1125.2	1095.0	1064.9	1034.8	1004.7	974.3
115°	982.3	987.2	992.2	997.1	1001.9	1006.9	986.5	966.1	945.8	925.5	905.0
117.5°	863.1	862.2	861.1	860.4	859.3	858.4	847.0	835.5	824.0	812.5	801.1
120°	742.2	738.0	733.7	729.4	725.2	720.7	715.9	711.0	706.0	701.1	696.1
122.5°	637.1	634.2	631.1	628.1	624.9	621.8	619.9	618.0	615.9	613.9	611.9
125°	553.8	553.6	553.2	553.0	552.7	552.4	551.3	550.2	549.1	548.1	547.1
127.5°	496.6	498.4	499.9	501.6	503.2	504.8	504.5	504.1	503.7	503.4	502.9
130°	460.8	463.9	466.9	469.8	472.8	475.9	475.1	474.6	473.8	473.2	472.4
132.5°	438.8	442.3	445.8	449.4	452.8	456.3	455.4	454.7	453.7	453.0	452.2
135°	423.4	426.9	430.1	433.6	436.8	440.0	438.9	438.0	436.9	436.0	434.9
137.5°	412.4	415.1	417.6	420.4	422.8	425.4	424.3	423.3	422.3	421.4	420.3
140°	403.7	405.7	407.7	409.8	411.7	413.8	412.6	411.3	410.1	408.8	407.5
142.5°	396.4	398.1	399.4	401.0	402.4	404.0	402.1	400.5	398.9	397.2	395.6
145°	392.2	393.2	394.0	395.0	395.7	396.7	394.8	393.0	391.0	389.2	387.3
147.5°	385.6	386.2	386.5	387.2	387.5	388.2	386.3	384.6	382.7	380.9	379.1
150°	378.5	379.0	379.4	379.8	380.3	380.8	378.8	377.0	375.1	373.3	371.5
152.5°	369.6	370.0	370.3	370.8	371.1	371.6	369.7	368.2	366.3	364.5	362.9
155°	363.0	363.3	363.5	363.8	363.9	364.1	362.5	361.3	359.7	358.3	356.7
157.5°	358.5	358.7	359.0	359.1	359.3	359.5	358.4	357.4	356.1	355.0	353.8
160°	355.3	355.6	355.7	355.9	356.1	356.2	355.3	354.5	353.5	352.5	351.5
162.5°	354.2	354.6	354.9	355.3	355.6	356.0	354.8	353.8	352.7	351.6	350.3
165°	353.2	353.4	353.6	353.8	353.8	354.1	353.4	352.6	351.7	351.0	350.2
167.5°	354.1	354.4	354.6	354.7	354.8	355.0	354.3	353.6	352.7	351.9	351.1
170°	354.0	354.2	354.6	354.9	355.2	355.5	354.8	354.3	353.6	353.0	352.3
172.5°	355.7	355.9	356.1	356.5	356.6	357.0	356.3	355.6	355.0	354.4	353.6
175°	354.6	354.6	354.8	354.8	354.8	354.9	354.4	353.9	353.4	352.8	352.4
177.5°	355.5	355.5	355.5	355.4	355.4	355.4	355.0	354.6	354.4	354.0	353.6
180°	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6



TEST NUMBER: P1444734  
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**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19479.6	19471.0	19465.6	19458.6	19454.4	19449.0	19445.1	19441.7	19438.9	19436.5	19434.6
5°	19753.4	19709.8	19676.0	19639.5	19609.4	19579.4	19556.3	19537.2	19524.0	19514.1	19508.2
7.5°	20102.2	20022.4	19951.6	19877.0	19810.1	19744.3	19687.6	19638.8	19602.1	19578.3	19563.9
10°	20413.6	20306.9	20201.4	20090.3	19985.0	19882.9	19788.6	19705.7	19640.0	19596.4	19570.9
12.5°	20553.2	20462.3	20354.5	20234.0	20104.9	19974.3	19847.1	19732.2	19635.9	19571.3	19533.9
15°	20430.2	20392.9	20319.8	20226.2	20103.7	19968.7	19819.2	19678.9	19549.6	19465.8	19417.2
17.5°	20030.2	20082.3	20076.7	20040.9	19952.9	19839.3	19687.0	19529.2	19367.6	19255.6	19194.4
20°	19355.3	19519.1	19602.1	19644.8	19610.2	19536.5	19398.6	19238.5	19050.0	18903.9	18814.6
22.5°	18406.8	18695.8	18876.0	19007.8	19035.8	19010.7	18888.9	18736.6	18526.6	18350.8	18219.0
25°	17185.7	17609.2	17893.9	18117.2	18203.8	18226.2	18122.6	17971.1	17737.0	17532.3	17351.2
27.5°	15747.6	16297.8	16677.9	16977.8	17113.1	17171.9	17076.5	16922.0	16645.0	16400.6	16164.1
30°	14128.4	14781.2	15238.8	15598.5	15763.4	15841.0	15739.7	15567.2	15245.0	14950.8	14653.0
32.5°	12395.3	13109.8	13608.4	13999.0	14162.5	14235.4	14102.9	13909.2	13536.7	13190.2	12842.8
35°	10580.9	11302.0	11804.9	12185.0	12322.0	12366.0	12196.6	11972.6	11560.0	11179.7	10800.9
37.5°	8729.5	9400.4	9857.4	10198.6	10283.4	10291.0	10086.8	9839.5	9405.8	9030.8	8653.7
40°	6894.1	7459.9	7829.0	8101.9	8131.4	8105.1	7883.2	7634.3	7228.5	6892.5	6561.6
42.5°	5165.3	5592.3	5855.6	6042.8	6031.6	5979.8	5776.2	5562.3	5227.5	4971.7	4711.1
45°	3684.1	3965.7	4119.7	4229.2	4194.0	4144.6	3986.1	3836.2	3608.7	3443.4	3268.4
47.5°	2559.4	2895.7	2837.2	3051.2	2866.8	2988.6	2734.9	2595.1	2474.4	2386.5	2287.6
50°	1832.3	1909.4	1946.6	1972.0	1958.5	1939.8	1894.2	1853.4	1798.3	1758.1	1711.2
52.5°	1415.1	1453.6	1474.7	1489.9	1486.9	1480.1	1460.3	1442.1	1416.2	1399.3	1378.7
55°	1198.6	1199.2	1238.0	1221.4	1245.9	1217.1	1228.4	1196.5	1201.7	1174.2	1155.8
57.5°	996.0	1011.8	1018.9	1025.8	1023.9	1022.6	1014.9	1011.1	1002.4	999.8	993.6
60°	876.1	884.4	886.1	889.3	886.6	885.6	879.6	877.4	871.6	870.5	866.5
62.5°	793.9	798.1	798.1	798.1	794.7	791.4	784.7	781.2	776.3	775.2	772.8
65°	725.3	729.7	730.4	731.3	728.9	726.2	720.4	716.5	711.5	709.6	706.8
67.5°	654.6	659.2	660.7	663.2	661.7	661.2	657.2	655.6	652.3	651.5	649.0
70°	598.9	600.8	600.7	600.6	597.5	594.6	590.0	587.8	584.3	583.6	581.2
72.5°	565.8	567.2	566.4	565.1	561.0	556.8	551.4	547.4	542.8	539.9	536.7
75°	519.2	521.0	520.0	519.1	515.4	512.7	508.4	506.2	502.9	502.0	499.7
77.5°	462.1	463.0	461.0	460.9	458.1	456.3	453.1	452.4	450.1	450.2	448.0
80°	398.4	398.0	395.0	394.3	391.5	390.8	388.3	388.5	386.5	387.4	385.8
82.5°	327.8	326.1	322.1	321.0	317.8	317.5	315.8	317.2	316.0	317.8	316.8
85°	234.9	235.5	233.7	233.7	232.8	233.1	232.9	234.0	234.2	235.7	235.6
87.5°	131.0	132.9	132.5	134.2	134.1	136.1	136.8	139.6	139.9	142.7	142.7
90°	73.9	74.7	72.1	73.1	71.9	74.0	73.2	75.3	74.1	75.9	74.1
92.5°	65.5	61.1	56.7	52.2	50.0	47.6	45.8	43.1	41.1	38.7	36.5
95°	82.7	75.2	67.7	60.2	57.6	55.0	52.4	49.8	47.3	44.8	42.1
97.5°	93.4	84.6	75.7	66.8	64.5	62.4	60.0	57.8	55.6	53.4	51.1
100°	127.6	111.0	94.6	77.9	76.0	74.2	72.3	70.4	68.6	66.7	64.8
102.5°	267.1	232.0	196.9	161.7	155.1	148.4	141.7	135.0	128.3	121.6	115.0
105°	507.1	450.2	393.2	336.2	318.0	300.0	281.9	263.8	245.7	227.7	209.5
107.5°	771.8	713.9	656.1	598.3	564.9	531.5	498.0	464.5	431.1	397.6	364.2
110°	920.1	877.8	835.5	793.2	766.5	739.5	712.6	685.5	658.7	631.6	604.7



TEST NUMBER: P1444734  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL30

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	944.1	913.9	883.7	853.3	841.2	828.9	816.7	804.5	792.2	779.9	767.7
115°	884.6	864.2	843.7	823.0	818.9	814.5	810.2	805.7	801.5	797.0	792.6
117.5°	789.6	778.1	766.5	754.9	755.6	756.2	757.0	757.5	758.1	758.5	759.1
120°	691.1	686.1	681.1	676.1	679.8	683.4	687.1	690.4	694.1	697.4	701.0
122.5°	609.9	607.8	605.8	603.6	608.1	612.5	616.8	621.1	625.4	629.4	633.7
125°	546.0	544.8	543.7	542.4	547.0	551.3	555.7	559.9	564.3	568.4	572.5
127.5°	502.6	502.2	501.7	501.3	504.6	507.5	510.6	513.5	516.5	519.2	522.0
130°	471.7	471.0	470.4	469.7	472.4	475.2	478.0	480.5	483.3	485.6	488.1
132.5°	451.4	450.4	449.6	448.7	450.8	452.6	454.6	456.3	458.1	459.6	461.2
135°	434.0	432.9	432.0	430.8	432.7	434.5	436.2	437.8	439.5	440.8	442.3
137.5°	419.3	418.2	417.1	416.0	417.6	419.2	420.8	422.3	423.6	425.0	426.2
140°	406.4	405.1	404.0	402.6	404.0	405.4	406.9	408.0	409.3	410.3	411.5
142.5°	394.0	392.2	390.7	388.9	390.0	390.9	392.0	392.8	393.7	394.4	395.2
145°	385.4	383.5	381.6	379.8	380.6	381.2	382.0	382.8	383.3	383.8	384.5
147.5°	377.4	375.5	373.7	371.8	372.5	373.0	373.4	373.9	374.5	374.9	375.1
150°	369.6	367.6	365.8	363.8	364.3	364.8	365.2	365.6	366.1	366.3	366.6
152.5°	361.0	359.2	357.5	355.6	356.0	356.4	356.6	356.9	357.3	357.5	357.7
155°	355.3	353.7	352.2	350.6	351.0	351.3	351.5	351.8	352.0	352.2	352.4
157.5°	352.7	351.3	350.2	348.9	349.0	349.1	349.2	349.1	349.1	349.1	349.1
160°	350.6	349.4	348.4	347.3	347.3	347.4	347.5	347.4	347.3	347.2	347.2
162.5°	349.1	347.9	346.8	345.5	345.5	345.7	345.7	345.6	345.5	345.4	345.4
165°	349.4	348.5	347.6	346.6	346.5	346.4	346.3	346.0	345.9	345.6	345.4
167.5°	350.2	349.4	348.4	347.4	347.6	347.7	347.7	347.7	347.6	347.5	347.5
170°	351.7	350.8	350.2	349.4	349.3	349.2	349.1	348.9	348.8	348.6	348.4
172.5°	352.9	352.2	351.6	350.7	350.7	350.6	350.5	350.4	350.1	350.0	349.9
175°	351.7	351.2	350.6	350.0	349.9	349.9	349.8	349.8	349.6	349.6	349.4
177.5°	353.2	352.9	352.5	352.1	352.0	352.0	351.9	351.8	351.8	351.8	351.7
180°	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6	353.6



TEST NUMBER: P1444734  
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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	19357.9	19357.9
2.5°	19432.9	19431.9
5°	19505.1	19503.9
7.5°	19560.0	19559.8
10°	19566.6	19569.9
12.5°	19527.5	19530.2
15°	19413.5	19418.8
17.5°	19195.5	19202.5
20°	18820.0	18827.3
22.5°	18212.0	18214.9
25°	17327.8	17315.3
27.5°	16122.6	16101.0
30°	14590.4	14569.5
32.5°	12763.6	12750.5
35°	10707.3	10699.0
37.5°	8542.2	8525.5
40°	6440.5	6391.5
42.5°	4597.1	4511.2
45°	3177.0	3075.2
47.5°	2217.9	2155.0
50°	1681.1	1660.8
52.5°	1369.8	1365.0
55°	1155.8	1153.7
57.5°	995.0	994.2
60°	868.6	868.4
62.5°	774.4	774.7
65°	708.0	708.2
67.5°	649.7	649.2
70°	582.1	581.6
72.5°	535.6	534.8
75°	499.7	499.3
77.5°	448.7	447.9
80°	386.8	385.8
82.5°	318.2	317.0
85°	237.4	237.4
87.5°	145.2	145.1
90°	75.7	73.7
92.5°	34.4	32.4
95°	39.6	37.1
97.5°	48.9	46.7
100°	63.0	61.1
102.5°	108.3	101.7
105°	191.5	173.4
107.5°	330.7	297.3
110°	577.7	550.8



TEST NUMBER: P1444734  
CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL30

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	755.3	743.0
115°	788.0	783.5
117.5°	759.5	760.0
120°	704.1	707.6
122.5°	637.6	641.6
125°	576.4	580.5
127.5°	524.7	527.2
130°	490.1	492.5
132.5°	462.6	463.9
135°	443.5	444.6
137.5°	427.2	428.2
140°	412.3	413.1
142.5°	395.7	396.3
145°	384.8	385.3
147.5°	375.1	375.5
150°	366.8	367.0
152.5°	357.8	358.1
155°	352.5	352.6
157.5°	348.9	348.8
160°	347.0	346.9
162.5°	345.2	345.1
165°	345.0	344.8
167.5°	347.3	347.4
170°	348.1	348.0
172.5°	349.8	349.6
175°	349.3	349.3
177.5°	351.7	351.6
180°	353.6	353.6

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-6

Test Date: 08/01/2025

Luminaire Tested: EHBR-60-L935-N

Data in this report applies to families of products including EHBR-60-L935-N

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2506-472-6  
 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-L935-N**  
 Description: Elevate Round Highbay at, 60000 lumens, 3500K 90CRI LEDs with N lens

**Spectral Parameters**

CCT (K): 3406  
 CIE u': 0.2394  
 CIE v': 0.5094  
 Duv: -0.0028  
 CIE x: 0.4076  
 CIE y: 0.3856  
 CIE z: 0.2068  
 Peak Wavelength (nm): 630  
 Dominant Wavelength (nm): 582  
 Purity: 38.0517  
 Rf: 91.3  
 Rg: 100

CRI (Ra):	94.6		
R1:	96.6	R9:	63.8
R2:	98.4	R10:	94.7
R3:	98.1	R11:	96.6
R4:	95.8	R12:	80.9
R5:	96.2	R13:	97.4
R6:	95.4	R14:	98.3
R7:	91.8	R15:	93.1
R8:	84.4		



**Test Conditions**

Stabilization Time: 35M  
 Operation Time: 1H 35M  
 Sphere Temperature (°C): 25.0

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

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CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 3500K 4-step quadrangle

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**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	140	NR	620	338	NR	750	8	NR	880	0	NR
365	0	NR	495	159	NR	625	339	NR	755	7	NR	885	0	NR
370	0	NR	500	182	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	202	NR	635	653	NR	765	5	NR	895	0	NR
380	0	NR	510	216	NR	640	222	NR	770	4	NR	900	0	NR
385	0	NR	515	228	NR	645	214	NR	775	3	NR	905	0	NR
390	0	NR	520	236	NR	650	185	NR	780	3	NR	910	0	NR
395	1	NR	525	242	NR	655	157	NR	785	3	NR	915	0	NR
400	2	NR	530	248	NR	660	133	NR	790	2	NR	920	0	NR
405	3	NR	535	253	NR	665	113	NR	795	2	NR	925	0	NR
410	4	NR	540	258	NR	670	103	NR	800	2	NR	930	0	NR
415	7	NR	545	264	NR	675	85	NR	805	1	NR	935	0	NR
420	13	NR	550	270	NR	680	72	NR	810	1	NR	940	0	NR
425	22	NR	555	278	NR	685	62	NR	815	1	NR	945	0	NR
430	38	NR	560	286	NR	690	53	NR	820	1	NR	950	0	NR
435	65	NR	565	295	NR	695	45	NR	825	1	NR	955	0	NR
440	108	NR	570	303	NR	700	39	NR	830	1	NR	960	0	NR
445	193	NR	575	311	NR	705	33	NR	835	1	NR	965	0	NR
450	312	NR	580	319	NR	710	28	NR	840	1	NR	970	0	NR
455	300	NR	585	326	NR	715	24	NR	845	0	NR	975	0	NR
460	214	NR	590	332	NR	720	20	NR	850	0	NR	980	0	NR
465	184	NR	595	333	NR	725	17	NR	855	0	NR	985	0	NR
470	153	NR	600	336	NR	730	15	NR	860	0	NR	990	0	NR
475	122	NR	605	337	NR	735	12	NR	865	0	NR	995	0	NR
480	115	NR	610	367	NR	740	10	NR	870	0	NR	1000	0	NR
485	125	NR	615	390	NR	745	9	NR	875	0	NR			

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**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.62**

$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)
360	0	NR	490	140	NR	620	338	NR	750	8	NR	880	0	NR
365	0	NR	495	159	NR	625	339	NR	755	7	NR	885	0	NR
370	0	NR	500	182	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	202	NR	635	653	NR	765	5	NR	895	0	NR
380	0	NR	510	216	NR	640	222	NR	770	4	NR	900	0	NR
385	0	NR	515	228	NR	645	214	NR	775	3	NR	905	0	NR
390	0	NR	520	236	NR	650	185	NR	780	3	NR	910	0	NR
395	1	NR	525	242	NR	655	157	NR	785	3	NR	915	0	NR
400	2	NR	530	248	NR	660	133	NR	790	2	NR	920	0	NR
405	3	NR	535	253	NR	665	113	NR	795	2	NR	925	0	NR
410	4	NR	540	258	NR	670	103	NR	800	2	NR	930	0	NR
415	7	NR	545	264	NR	675	85	NR	805	1	NR	935	0	NR
420	13	NR	550	270	NR	680	72	NR	810	1	NR	940	0	NR
425	22	NR	555	278	NR	685	62	NR	815	1	NR	945	0	NR
430	38	NR	560	286	NR	690	53	NR	820	1	NR	950	0	NR
435	65	NR	565	295	NR	695	45	NR	825	1	NR	955	0	NR
440	108	NR	570	303	NR	700	39	NR	830	1	NR	960	0	NR
445	193	NR	575	311	NR	705	33	NR	835	1	NR	965	0	NR
450	312	NR	580	319	NR	710	28	NR	840	1	NR	970	0	NR
455	300	NR	585	326	NR	715	24	NR	845	0	NR	975	0	NR
460	214	NR	590	332	NR	720	20	NR	850	0	NR	980	0	NR
465	184	NR	595	333	NR	725	17	NR	855	0	NR	985	0	NR
470	153	NR	600	336	NR	730	15	NR	860	0	NR	990	0	NR
475	122	NR	605	337	NR	735	12	NR	865	0	NR	995	0	NR
480	115	NR	610	367	NR	740	10	NR	870	0	NR	1000	0	NR
485	125	NR	615	390	NR	745	9	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR M/P: 3.3

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	140	NR	620	338	NR	750	8	NR	880	0	NR
365	0	NR	495	159	NR	625	339	NR	755	7	NR	885	0	NR
370	0	NR	500	182	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	202	NR	635	653	NR	765	5	NR	895	0	NR
380	0	NR	510	216	NR	640	222	NR	770	4	NR	900	0	NR
385	0	NR	515	228	NR	645	214	NR	775	3	NR	905	0	NR
390	0	NR	520	236	NR	650	185	NR	780	3	NR	910	0	NR
395	1	NR	525	242	NR	655	157	NR	785	3	NR	915	0	NR
400	2	NR	530	248	NR	660	133	NR	790	2	NR	920	0	NR
405	3	NR	535	253	NR	665	113	NR	795	2	NR	925	0	NR
410	4	NR	540	258	NR	670	103	NR	800	2	NR	930	0	NR
415	7	NR	545	264	NR	675	85	NR	805	1	NR	935	0	NR
420	13	NR	550	270	NR	680	72	NR	810	1	NR	940	0	NR
425	22	NR	555	278	NR	685	62	NR	815	1	NR	945	0	NR
430	38	NR	560	286	NR	690	53	NR	820	1	NR	950	0	NR
435	65	NR	565	295	NR	695	45	NR	825	1	NR	955	0	NR
440	108	NR	570	303	NR	700	39	NR	830	1	NR	960	0	NR
445	193	NR	575	311	NR	705	33	NR	835	1	NR	965	0	NR
450	312	NR	580	319	NR	710	28	NR	840	1	NR	970	0	NR
455	300	NR	585	326	NR	715	24	NR	845	0	NR	975	0	NR
460	214	NR	590	332	NR	720	20	NR	850	0	NR	980	0	NR
465	184	NR	595	333	NR	725	17	NR	855	0	NR	985	0	NR
470	153	NR	600	336	NR	730	15	NR	860	0	NR	990	0	NR
475	122	NR	605	337	NR	735	12	NR	865	0	NR	995	0	NR
480	115	NR	610	367	NR	740	10	NR	870	0	NR	1000	0	NR
485	125	NR	615	390	NR	745	9	NR	875	0	NR			

**Summary**

$R_f = 91.3$   
 $R_g = 100$   
 $CIE R_a = 94.6$   
 $R_9 = 63.8$

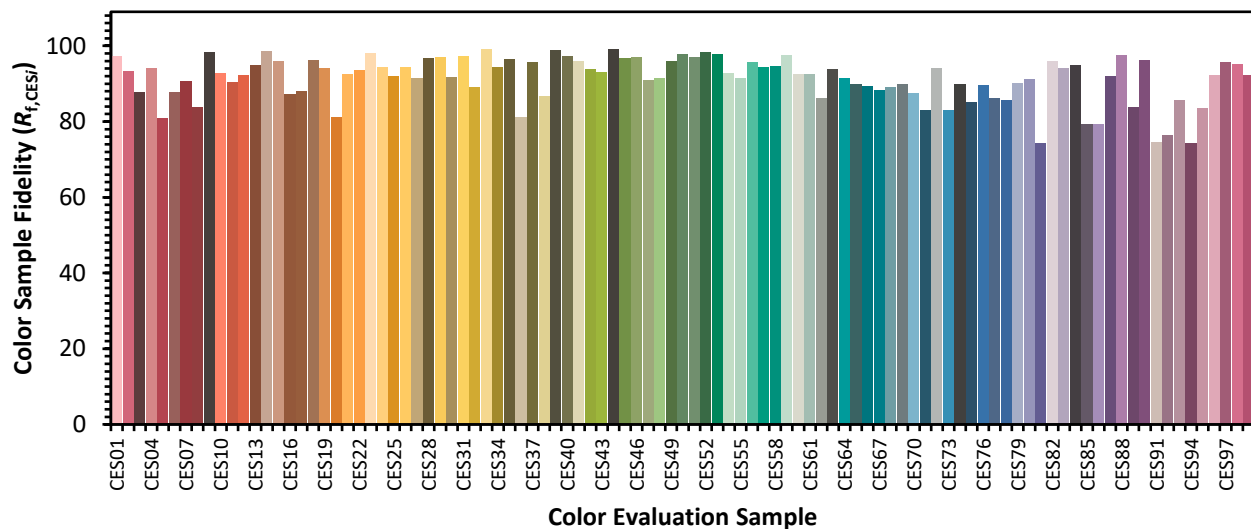


**Color Vector Graphics**

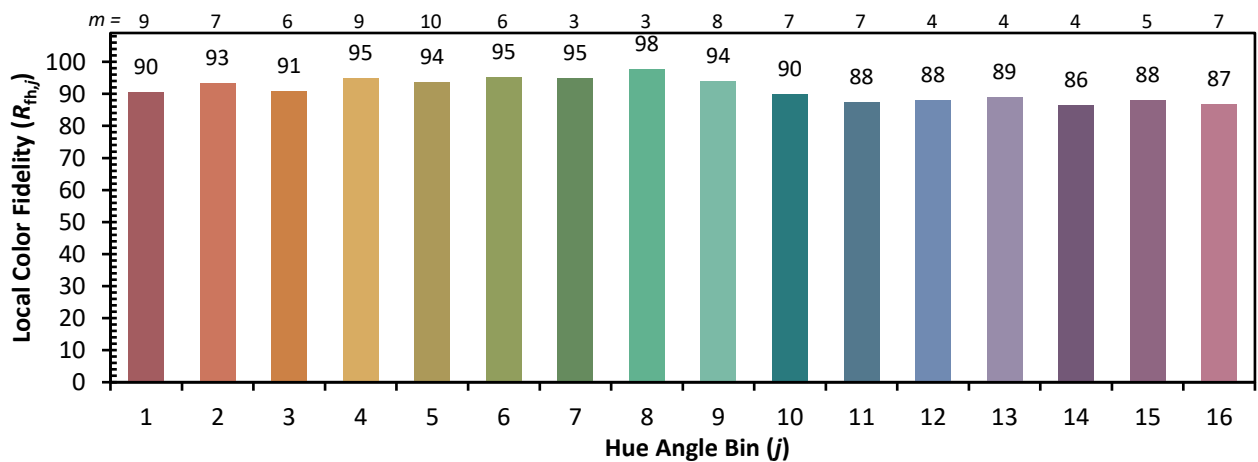
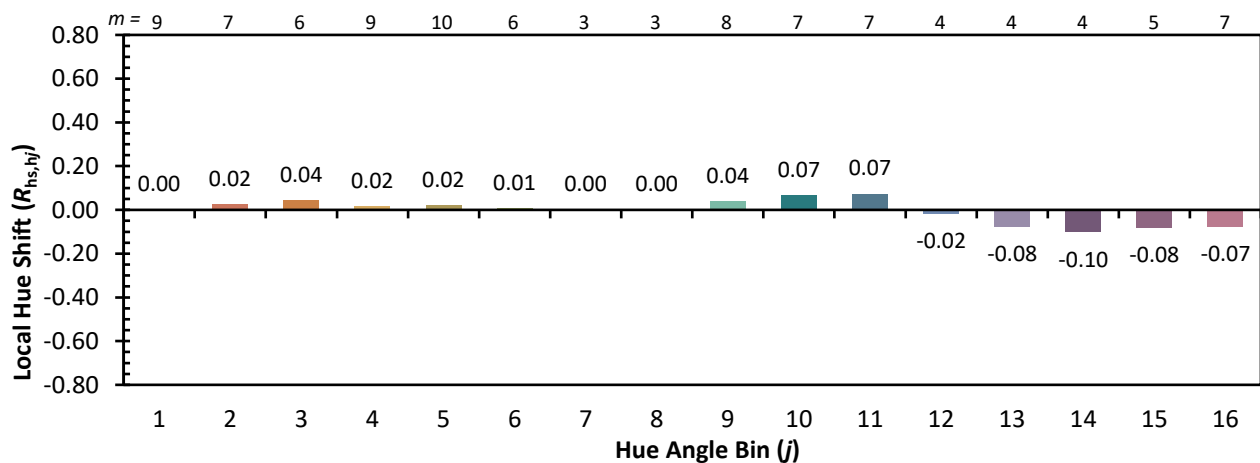
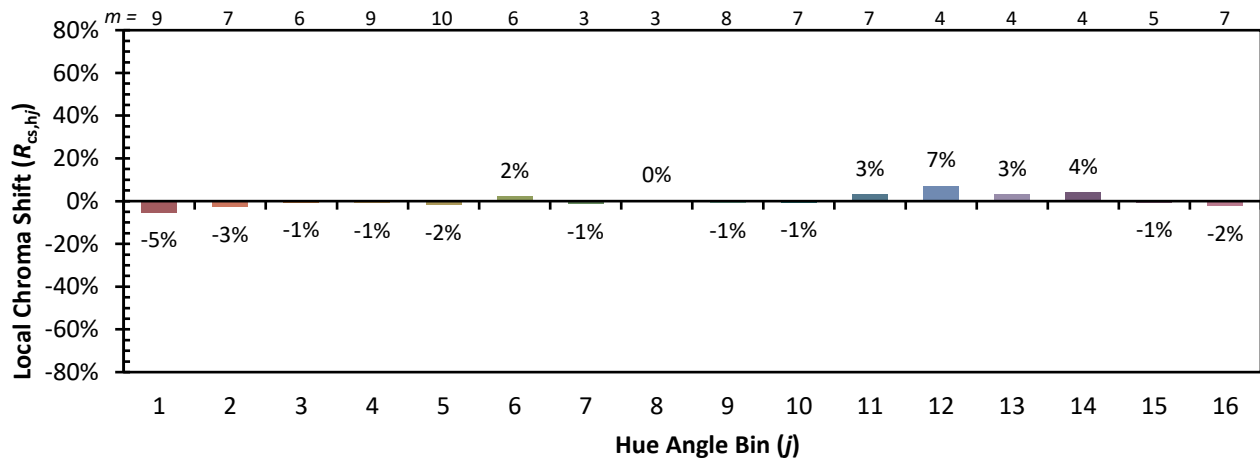


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

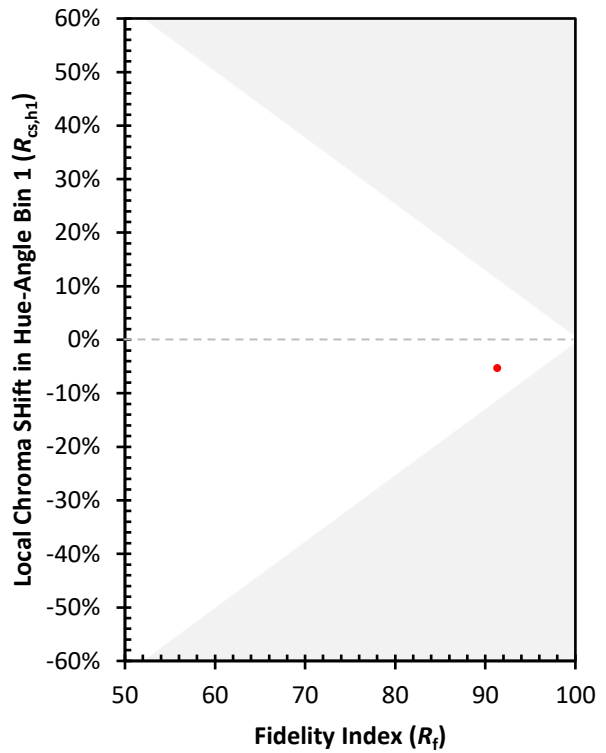
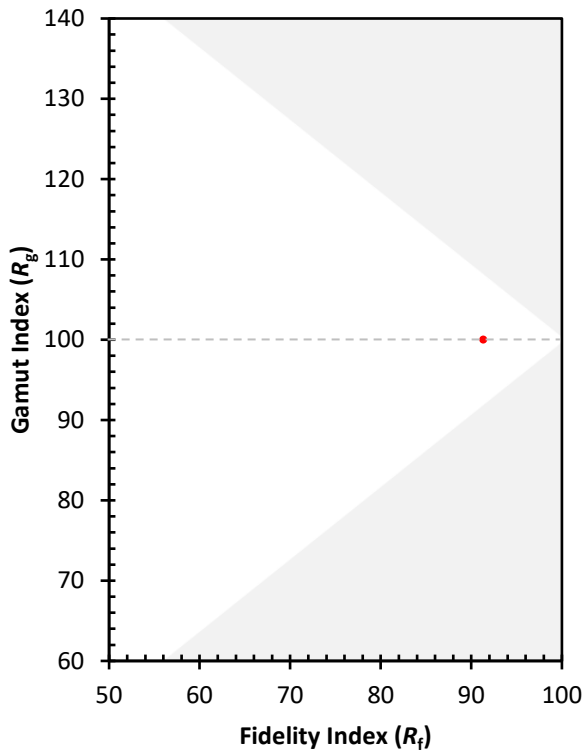
CES01 = 86	CES26 = 94	CES51 = 97	CES76 = 90
CES02 = 63	CES27 = 92	CES52 = 98	CES77 = 86
CES03 = 31	CES28 = 97	CES53 = 98	CES78 = 86
CES04 = 70	CES29 = 97	CES54 = 93	CES79 = 90
CES05 = 50	CES30 = 92	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 97	CES56 = 96	CES81 = 74
CES07 = 43	CES32 = 89	CES57 = 94	CES82 = 96
CES08 = 41	CES33 = 99	CES58 = 95	CES83 = 94
CES09 = 29	CES34 = 94	CES59 = 98	CES84 = 95
CES10 = 75	CES35 = 97	CES60 = 92	CES85 = 79
CES11 = 58	CES36 = 81	CES61 = 93	CES86 = 79
CES12 = 64	CES37 = 96	CES62 = 86	CES87 = 92
CES13 = 44	CES38 = 87	CES63 = 94	CES88 = 98
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 84
CES15 = 72	CES40 = 97	CES65 = 90	CES90 = 96
CES16 = 48	CES41 = 96	CES66 = 89	CES91 = 75
CES17 = 49	CES42 = 94	CES67 = 88	CES92 = 76
CES18 = 56	CES43 = 93	CES68 = 89	CES93 = 86
CES19 = 71	CES44 = 99	CES69 = 90	CES94 = 74
CES20 = 67	CES45 = 97	CES70 = 88	CES95 = 83
CES21 = 86	CES46 = 97	CES71 = 83	CES96 = 92
CES22 = 78	CES47 = 91	CES72 = 94	CES97 = 96
CES23 = 91	CES48 = 91	CES73 = 83	CES98 = 95
CES24 = 90	CES49 = 96	CES74 = 90	CES99 = 92
CES25 = 71	CES50 = 98	CES75 = 85	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)