

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: P1444293

Luminaire Tested: EHBR1-24-UNV-TA-L840

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444293
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (C80-8019A)
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-24-UNV-TA-L840
Description: Elevate Round Highbay at, 24000 lumens, 4000K 80CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

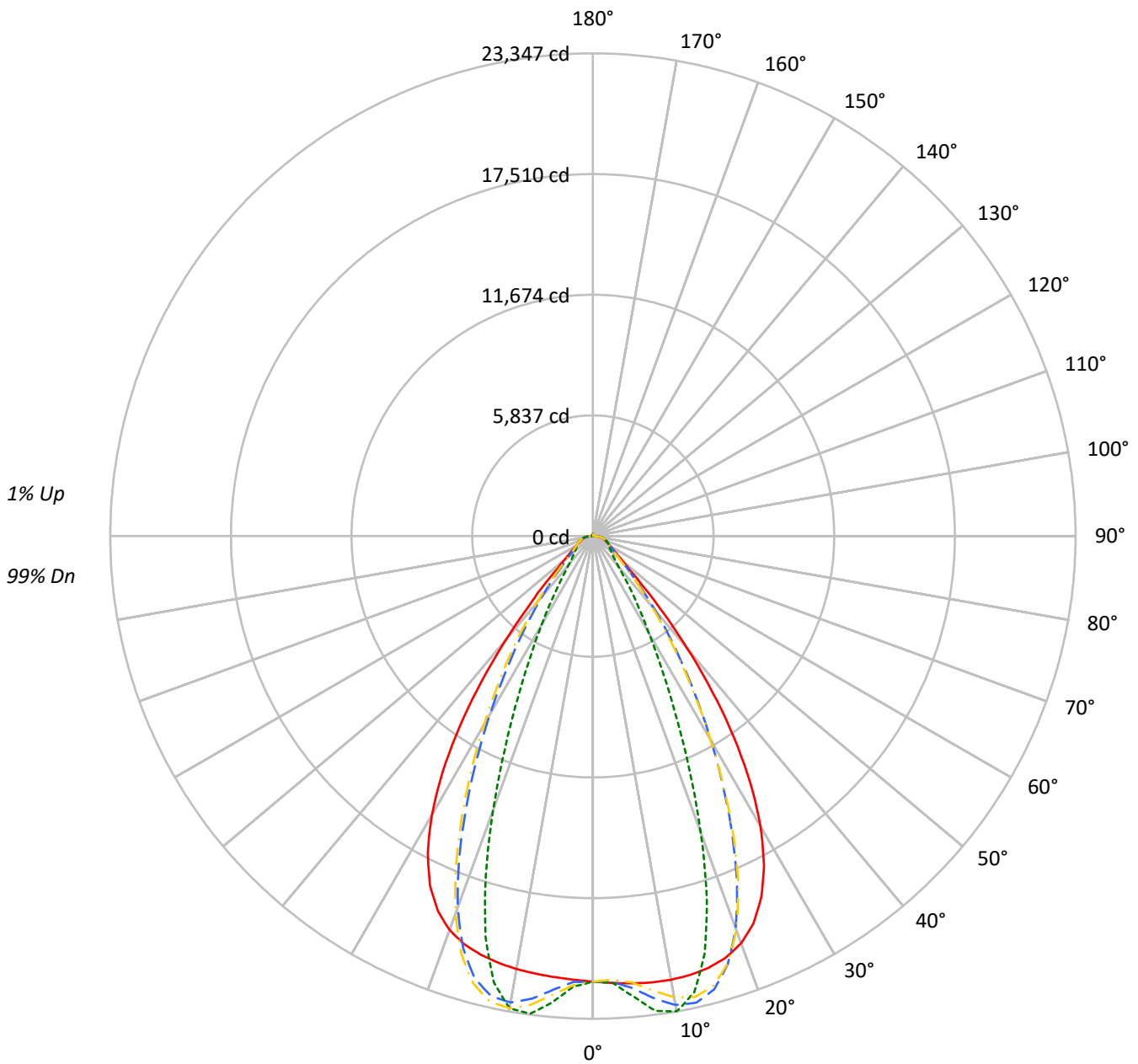
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24950.5 lumens
Efficiency: N/A
Efficacy: 194.5 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 0.77 / 0.88
Luminous Opening: Circular (Dia: 1.71' x H: 0')
CIE Type: Direct

Input Watts (W): 128.3
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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99			
1	112	108	105	103	109	106	103	101	102	100	98	98	96	95	94	93	92	90			
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81			
3	99	91	85	81	97	90	84	80	87	82	79	84	81	77	82	79	76	74			
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68			
5	88	78	72	67	86	77	71	66	75	70	66	73	69	65	72	68	64	63			
6	83	73	66	61	81	72	66	61	70	65	60	69	64	60	67	63	60	58			
7	78	68	61	57	77	67	61	56	66	60	56	65	59	56	63	59	55	54			
8	74	64	57	53	73	63	57	52	62	56	52	61	56	52	60	55	52	50			
9	70	60	53	49	69	59	53	49	58	53	49	57	52	48	56	52	48	47			
10	67	56	50	46	66	56	50	46	55	49	46	54	49	45	53	49	45	44			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	101205	101205	101205	101205
5°	102358	105342	100926	106722
10°	103891	111329	101400	110593
15°	105104	101599	101905	97508
20°	104748	76219	101319	70521
25°	99884	48562	96583	44061
30°	87954	29416	84547	26883
35°	68284	18620	64356	16495
40°	43621	11795	39910	11084
45°	22736	9293	22360	9140
50°	13508	8375	13094	8245
55°	10516	8052	10126	7980
60°	9079	8395	8694	8286
65°	8761	9004	8425	8697
70°	8890	9795	8447	9426
75°	10086	11019	9540	10533
80°	11615	13581	10534	12400
85°	14241	17059	11509	14607

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 34796 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2123.9	8.5
10°-20°	5974.7	23.9
20°-30°	6804.7	27.3
30°-40°	4890.9	19.6
40°-50°	2255.7	9.0
50°-60°	1079.4	4.3
60°-70°	787.6	3.2
70°-80°	598.4	2.4
80°-90°	272.2	1.1
90°-100°	8.8	0.0
100°-110°	6.4	0.0
110°-120°	10.9	0.0
120°-130°	18.2	0.1
130°-140°	26.8	0.1
140°-150°	31.9	0.1
150°-160°	30.0	0.1
160°-170°	21.9	0.1
170°-180°	8.3	0.0
0°-30°	14903.3	59.7
0°-40°	19794.2	79.3
0°-60°	23129.3	92.7
0°-90°	24787.5	99.3
90°-120°	26.0	0.1
90°-150°	102.9	0.4
90°-180°	163.0	0.7
0°-180°	24950.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	21551	21551	21551	21551	21551	
5°	21713	22346	21410	22639	21713	2075
15°	21619	20898	20960	20056	21619	6091
25°	19277	9372	18640	8504	19277	8739
35°	11911	3248	11226	2877	11911	7310
45°	3424	1399	3367	1376	3424	2912
55°	1284	984	1237	975	1284	1186
65°	788	810	758	783	788	787
75°	556	607	526	580	556	578
85°	264	317	214	271	264	248
90°	60	79	9	14	60	39
95°	4	4	4	4	4	3
105°	7	5	7	5	7	7
115°	14	7	15	7	14	14
125°	27	12	29	13	27	25
135°	44	24	45	26	44	34
145°	58	43	59	46	58	36
155°	68	61	69	64	68	31
165°	80	75	81	77	80	22
175°	88	87	89	88	88	8
180°	89	89	89	89	89	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8
2.5°	21633.2	21631.4	21631.0	21629.5	21629.1	21629.1	21628.4	21626.7	21625.6	21623.1	21620.2
5°	21713.4	21712.5	21713.1	21713.2	21711.7	21708.3	21703.1	21696.5	21688.5	21680.8	21673.9
7.5°	21775.5	21777.0	21779.0	21778.6	21773.8	21765.9	21755.1	21749.1	21752.6	21764.3	21791.2
10°	21786.8	21796.1	21799.6	21798.5	21789.2	21782.4	21785.0	21807.8	21853.3	21913.9	21996.8
12.5°	21742.6	21754.0	21753.6	21749.8	21740.7	21750.0	21783.1	21851.0	21948.5	22068.0	22208.3
15°	21618.6	21633.4	21629.1	21624.3	21618.2	21648.6	21714.7	21832.7	21983.2	22151.8	22324.4
17.5°	21377.8	21395.5	21387.0	21381.4	21376.3	21433.3	21546.8	21719.6	21909.2	22099.9	22263.5
20°	20960.1	20972.0	20951.5	20941.8	20950.0	21061.7	21228.9	21449.6	21649.4	21829.7	21941.5
22.5°	20278.4	20293.2	20254.6	20250.1	20297.8	20469.4	20680.9	20927.7	21115.3	21258.3	21301.4
25°	19276.8	19291.4	19245.6	19272.9	19353.9	19587.7	19839.6	20103.5	20263.7	20369.6	20340.4
27.5°	17925.0	17938.2	17894.7	17950.7	18078.7	18385.9	18682.3	18968.7	19111.5	19185.6	19091.6
30°	16220.0	16247.5	16196.2	16274.2	16469.6	16868.5	17208.1	17529.2	17671.5	17728.0	17581.7
32.5°	14194.9	14234.2	14177.6	14293.7	14566.3	15045.4	15431.2	15790.0	15947.4	16011.9	15846.6
35°	11911.0	11967.2	11902.3	12076.5	12412.9	12946.4	13373.7	13774.2	13960.6	14051.9	13885.5
37.5°	9491.3	9544.8	9509.7	9742.2	10111.5	10664.4	11100.6	11532.8	11743.2	11880.4	11749.1
40°	7115.6	7164.6	7191.2	7457.1	7804.5	8325.7	8744.6	9172.1	9407.6	9579.7	9498.7
42.5°	5022.2	5071.6	5162.0	5418.6	5708.3	6139.7	6498.6	6882.4	7107.4	7291.0	7259.8
45°	3423.5	3480.9	3594.3	3804.2	4013.8	4323.3	4586.8	4885.3	5069.1	5237.3	5239.3
47.5°	2399.1	2439.4	2540.6	2684.0	2820.6	3208.0	3224.0	3370.7	3494.3	3620.0	3636.2
50°	1848.9	1873.2	1926.9	2006.8	2084.2	2184.8	2276.8	2383.2	2459.2	2528.2	2544.6
52.5°	1519.7	1535.1	1562.4	1605.7	1650.6	1705.3	1754.6	1813.0	1854.3	1891.3	1898.9
55°	1284.4	1297.2	1337.8	1346.0	1397.4	1407.4	1429.1	1464.8	1488.8	1510.9	1516.4
57.5°	1106.9	1116.1	1124.7	1143.2	1159.0	1182.0	1200.5	1226.0	1241.2	1257.1	1258.5
60°	966.7	973.5	979.6	992.4	1003.1	1019.1	1031.9	1049.3	1060.2	1072.1	1073.5
62.5°	862.5	867.3	871.4	879.8	887.5	899.8	909.9	924.4	934.5	943.8	945.9
65°	788.4	791.9	794.6	800.9	807.6	818.1	827.3	839.1	846.6	853.6	855.1
67.5°	722.7	726.1	728.8	734.7	739.3	747.1	753.2	762.1	767.7	773.4	773.5
70°	647.5	650.6	652.7	658.2	661.9	668.6	673.5	681.6	687.2	693.6	695.2
72.5°	595.4	597.2	600.1	605.0	610.2	617.4	624.1	632.3	639.3	645.9	648.6
75°	555.9	558.0	559.8	564.0	567.7	573.7	578.7	586.2	592.3	599.3	602.8
77.5°	498.6	501.1	502.7	506.9	510.0	515.9	519.5	526.3	531.3	537.7	540.8
80°	429.5	431.9	433.0	437.0	439.4	444.8	448.4	455.0	459.1	465.5	469.3
82.5°	352.9	355.2	355.8	359.6	360.9	365.4	368.0	374.6	379.8	388.1	393.8
85°	264.3	265.1	266.4	265.4	270.7	271.1	277.2	278.3	286.3	288.4	297.5
87.5°	161.5	164.0	165.2	168.8	170.4	174.2	175.3	179.2	181.3	185.8	187.9
90°	59.8	63.0	63.6	67.3	67.9	71.1	71.4	75.3	75.9	79.8	80.4
92.5°	3.6	3.6	3.5	3.7	3.7	4.2	4.4	4.6	4.7	5.1	5.1
95°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
97.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0
100°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.6
102.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.3
105°	6.7	6.6	6.7	6.6	6.6	6.6	6.6	6.4	6.4	6.4	6.4
107.5°	7.9	7.9	7.9	7.9	7.9	7.8	7.8	7.7	7.6	7.5	7.5
110°	9.7	9.5	9.5	9.4	9.4	9.4	9.3	9.0	9.0	8.9	8.8



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	11.7	11.6	11.5	11.4	11.3	11.1	11.0	10.9	10.8	10.5	10.4
115°	14.1	14.0	13.9	13.6	13.6	13.3	13.2	12.9	12.8	12.4	12.3
117.5°	17.1	16.7	16.6	16.4	16.1	15.9	15.6	15.3	15.0	14.7	14.4
120°	20.2	19.9	19.8	19.4	19.1	18.7	18.5	18.1	17.7	17.2	17.0
122.5°	23.6	23.3	23.2	22.7	22.4	21.9	21.6	20.9	20.6	20.1	19.7
125°	27.4	27.0	26.8	26.3	25.8	25.4	24.9	24.3	23.9	23.2	22.8
127.5°	31.3	31.0	30.7	30.1	29.7	29.1	28.6	27.8	27.4	26.6	26.1
130°	35.4	35.1	34.7	34.1	33.6	33.0	32.4	31.6	31.1	30.3	29.7
132.5°	39.6	39.3	38.8	38.2	37.7	36.9	36.3	35.4	34.8	34.1	33.4
135°	43.7	43.2	42.9	42.4	41.8	41.0	40.3	39.5	38.7	37.8	37.2
137.5°	47.6	47.2	46.8	46.2	45.6	44.7	44.1	43.2	42.5	41.6	40.9
140°	51.4	51.0	50.4	49.8	49.2	48.5	47.7	46.9	46.2	45.3	44.6
142.5°	54.9	54.4	54.0	53.4	52.8	52.0	51.3	50.3	49.6	48.8	48.1
145°	57.9	57.5	57.1	56.5	55.9	55.1	54.5	53.6	53.0	52.2	51.5
147.5°	60.7	60.3	59.9	59.4	58.9	58.1	57.5	56.7	56.1	55.4	54.8
150°	63.2	62.9	62.6	62.1	61.5	60.8	60.2	59.6	58.9	58.2	57.7
152.5°	65.3	64.9	64.6	64.2	63.7	63.0	62.6	61.9	61.2	60.6	60.0
155°	67.7	67.3	66.9	66.5	66.1	65.5	65.0	64.4	63.9	63.3	62.8
157.5°	70.4	69.9	69.6	69.1	68.8	68.2	67.7	67.2	66.7	66.2	65.7
160°	73.4	73.0	72.6	72.1	71.6	71.1	70.7	70.1	69.8	69.2	68.8
162.5°	76.5	76.1	75.7	75.2	74.8	74.2	73.8	73.4	73.0	72.4	72.0
165°	79.5	79.1	78.7	78.4	78.0	77.6	77.2	76.7	76.3	75.8	75.5
167.5°	82.4	82.0	81.8	81.4	81.0	80.6	80.3	79.9	79.6	79.1	78.8
170°	84.9	84.5	84.2	83.9	83.6	83.3	83.0	82.7	82.4	82.1	81.8
172.5°	86.6	86.3	86.1	86.0	85.7	85.5	85.3	85.0	84.9	84.5	84.5
175°	88.0	87.7	87.6	87.5	87.3	87.2	87.1	86.9	86.9	86.7	86.5
177.5°	88.8	88.7	88.7	88.7	88.7	88.6	88.5	88.3	88.3	88.3	88.2
180°	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4



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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°	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8
2.5°	21618.2	21615.6	21612.0	21607.4	21603.5	21599.0	21588.2	21585.0	21588.6	21591.0	21595.9
5°	21669.6	21671.1	21671.6	21681.5	21690.0	21711.2	21876.9	21942.8	21993.8	22026.1	22075.2
7.5°	21824.5	21874.3	21923.6	21989.8	22047.1	22124.2	22414.3	22537.8	22625.6	22688.7	22766.4
10°	22086.9	22195.7	22297.7	22417.2	22519.9	22637.5	22907.5	23027.8	23103.8	23159.1	23210.6
12.5°	22351.3	22502.1	22638.4	22771.4	22882.6	22984.6	23079.6	23121.7	23125.3	23127.1	23099.6
15°	22489.0	22633.2	22753.4	22841.2	22906.6	22935.5	22772.0	22686.3	22577.9	22488.6	22341.7
17.5°	22402.0	22488.6	22540.5	22535.4	22508.4	22418.0	21954.8	21700.2	21447.3	21219.5	20920.6
20°	22015.8	22009.1	21964.0	21836.1	21682.0	21442.5	20648.5	20190.5	19747.5	19358.6	18886.8
22.5°	21297.0	21183.9	21026.2	20750.5	20444.3	20025.6	18887.9	18214.1	17597.6	17052.9	16442.8
25°	20255.6	20022.9	19732.1	19294.4	18818.4	18207.8	16805.6	15967.5	15227.2	14585.3	13881.3
27.5°	18922.8	18572.3	18146.2	17540.3	16895.4	16113.2	14558.6	13633.7	12839.1	12150.8	11401.5
30°	17344.8	16889.0	16338.7	15586.8	14809.0	13921.9	12345.1	11408.3	10604.0	9895.9	9146.1
32.5°	15561.7	15027.8	14383.0	13539.1	12697.9	11785.7	10262.9	9356.2	8587.8	7906.6	7228.0
35°	13595.0	13022.5	12340.2	11479.5	10643.3	9756.5	8359.3	7541.7	6863.1	6261.0	5713.1
37.5°	11485.2	10923.1	10274.7	9463.5	8688.1	7884.5	6678.9	5993.8	5424.4	4924.6	4501.5
40°	9291.8	8799.9	8238.8	7537.4	6875.7	6206.6	5216.8	4673.0	4223.7	3842.6	3525.4
42.5°	7125.2	6744.0	6313.7	5759.5	5253.2	4743.5	3981.8	3578.9	3246.1	2971.7	2747.5
45°	5169.6	4914.5	4626.0	4240.7	3890.3	3534.9	2992.7	2709.6	2492.8	2315.9	2166.3
47.5°	3613.8	3465.9	3456.8	3100.8	2843.9	2626.5	2277.2	2098.4	1965.6	1858.4	1763.7
50°	2537.8	2466.3	2377.4	2250.4	2131.1	2008.2	1795.5	1687.4	1609.6	1544.6	1484.7
52.5°	1897.2	1860.1	1812.8	1745.3	1680.7	1611.6	1477.0	1408.1	1383.6	1323.2	1275.8
55°	1515.4	1494.0	1467.1	1427.5	1388.2	1372.4	1257.1	1206.0	1173.6	1149.8	1124.2
57.5°	1258.7	1242.9	1226.8	1200.0	1177.3	1149.8	1088.5	1062.3	1043.0	1029.0	1011.3
60°	1073.7	1064.2	1055.2	1039.5	1027.2	1012.3	973.5	958.7	948.7	940.2	928.9
62.5°	947.7	942.8	938.2	929.8	923.5	915.5	888.8	881.8	876.7	872.5	865.6
65°	856.6	853.2	850.6	845.0	841.9	837.2	814.4	809.5	806.5	804.9	800.9
67.5°	774.0	770.4	768.7	764.7	763.4	760.5	741.7	739.1	738.1	738.6	737.1
70°	696.7	695.2	696.0	695.3	697.1	697.6	686.3	686.2	687.4	689.9	690.1
72.5°	650.4	650.4	651.2	651.6	653.3	654.1	644.8	644.2	644.8	646.6	646.7
75°	606.3	607.0	609.4	610.2	612.2	612.6	600.2	598.7	598.7	600.5	600.0
77.5°	545.3	547.9	552.4	554.8	558.7	559.4	545.5	543.8	543.9	545.5	544.1
80°	476.0	481.1	488.4	493.4	499.3	501.7	487.2	483.8	480.7	480.2	477.3
82.5°	402.5	408.6	417.3	421.9	428.2	429.6	405.6	401.0	398.4	398.6	395.9
85°	307.2	311.9	319.8	322.4	326.3	325.9	298.5	286.8	289.9	284.9	288.8
87.5°	192.7	195.4	200.4	201.0	202.9	202.5	174.9	169.4	167.8	167.9	165.9
90°	84.2	85.2	88.7	88.0	90.0	88.8	65.7	62.3	61.0	62.8	60.7
92.5°	5.5	5.5	5.8	5.9	6.1	6.3	3.8	3.2	3.4	3.2	3.6
95°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5
97.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.8	3.8
100°	4.6	4.6	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.3	4.3
102.5°	5.2	5.2	5.1	5.1	5.0	5.0	5.1	5.1	5.0	4.8	4.7
105°	6.3	6.2	6.1	5.9	5.8	5.7	5.9	5.8	5.7	5.5	5.5
107.5°	7.3	7.2	7.0	6.8	6.7	6.6	6.8	6.7	6.6	6.4	6.3
110°	8.6	8.4	8.3	8.0	7.8	7.6	7.9	7.8	7.6	7.4	7.2



TEST NUMBER: P1444293
 CATALOG NUMBER: EHBR1-24-UNV-TA-L840

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	10.1	9.9	9.7	9.4	9.0	8.8	9.3	9.2	8.9	8.5	8.3
115°	11.9	11.7	11.3	11.0	10.7	10.3	10.9	10.8	10.4	10.0	9.7
117.5°	14.0	13.6	13.3	12.9	12.4	12.1	12.8	12.6	12.1	11.7	11.3
120°	16.4	16.0	15.5	15.1	14.6	14.1	15.0	14.8	14.3	13.8	13.3
122.5°	19.2	18.7	18.2	17.7	17.1	16.5	17.6	17.5	16.7	16.2	15.6
125°	22.2	21.7	21.1	20.5	19.8	19.3	20.5	20.2	19.7	19.0	18.5
127.5°	25.5	24.9	24.3	23.7	22.9	22.4	23.6	23.4	22.8	22.1	21.4
130°	29.0	28.4	27.6	27.0	26.3	25.7	27.0	26.9	26.2	25.5	24.8
132.5°	32.7	32.0	31.3	30.7	30.0	29.3	30.8	30.6	30.1	29.3	28.6
135°	36.4	35.8	35.1	34.3	33.6	33.1	34.7	34.6	34.0	33.2	32.6
137.5°	40.1	39.5	38.7	38.1	37.4	36.8	38.8	38.7	38.1	37.3	36.8
140°	43.9	43.2	42.6	42.0	41.3	40.8	42.9	42.9	42.4	41.8	41.2
142.5°	47.3	46.8	46.2	45.7	45.0	44.6	46.9	47.0	46.5	45.9	45.4
145°	50.8	50.2	49.6	49.1	48.5	48.1	50.9	51.2	50.8	50.1	49.6
147.5°	54.0	53.5	53.0	52.5	52.0	51.8	54.8	55.1	54.8	54.3	53.9
150°	57.0	56.5	56.0	55.6	55.3	55.0	58.5	59.1	58.8	58.4	58.0
152.5°	59.5	59.0	58.5	58.1	57.7	57.5	62.2	63.0	62.7	62.3	62.1
155°	62.3	61.9	61.3	61.0	60.6	60.4	65.7	66.7	66.5	66.2	65.9
157.5°	65.3	64.8	64.3	64.0	63.7	63.4	69.1	70.3	70.0	69.8	69.5
160°	68.4	68.0	67.5	67.2	66.8	66.5	72.5	73.8	73.6	73.3	73.0
162.5°	71.5	71.3	70.8	70.4	70.0	69.8	75.8	77.2	76.8	76.6	76.4
165°	75.1	74.7	74.3	74.1	73.7	73.4	79.1	80.3	80.2	79.9	79.6
167.5°	78.4	78.2	77.8	77.6	77.2	77.1	82.4	83.5	83.3	83.0	82.9
170°	81.5	81.4	81.0	80.9	80.7	80.6	85.2	86.1	86.1	85.7	85.6
172.5°	84.2	84.2	83.9	83.7	83.6	83.5	87.3	88.2	88.1	88.0	87.7
175°	86.4	86.3	86.2	86.2	86.1	86.1	89.0	89.6	89.5	89.4	89.2
177.5°	88.2	88.1	88.1	88.1	88.1	88.1	89.9	90.2	90.2	90.2	90.1
180°	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4



TEST NUMBER: P1444293
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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8
2.5°	21597.0	21604.6	21605.7	21614.6	21613.9	21624.5	21622.8	21631.4	21626.4	21633.5	21627.5
5°	22104.3	22150.3	22174.4	22219.3	22233.4	22273.7	22285.0	22321.6	22323.1	22352.2	22345.6
7.5°	22821.5	22889.3	22929.5	22985.0	23013.2	23059.4	23079.8	23114.0	23125.0	23152.1	23154.2
10°	23249.7	23282.7	23305.6	23321.1	23335.2	23341.9	23349.7	23347.6	23349.7	23346.6	23353.2
12.5°	23081.3	23033.1	23001.4	22941.2	22906.3	22839.7	22807.0	22743.1	22719.9	22664.9	22657.0
15°	22228.2	22060.6	21942.2	21770.1	21661.8	21492.4	21393.3	21240.6	21170.7	21049.3	21017.4
17.5°	20673.3	20362.2	20121.6	19812.7	19598.5	19309.9	19128.4	18889.6	18758.7	18566.1	18499.4
20°	18493.4	18033.2	17672.1	17242.0	16934.1	16550.6	16305.1	15995.5	15815.7	15579.1	15483.2
22.5°	15934.1	15361.1	14910.2	14402.1	14030.6	13603.2	13309.1	12974.0	12778.5	12521.5	12407.7
25°	13296.3	12664.4	12163.1	11627.7	11235.3	10806.9	10512.7	10183.5	9981.1	9737.1	9624.0
27.5°	10773.4	10133.8	9649.3	9151.5	8791.6	8405.1	8139.5	7852.1	7672.5	7464.3	7357.8
30°	8547.0	7982.9	7570.6	7157.5	6858.1	6544.2	6323.5	6085.4	5927.8	5749.4	5648.1
32.5°	6733.2	6297.7	5974.8	5647.1	5402.0	5139.6	4948.9	4738.9	4596.6	4437.4	4345.6
35°	5332.6	4994.1	4736.6	4466.8	4256.4	4032.9	3864.9	3683.6	3555.9	3418.8	3339.5
37.5°	4213.3	3944.2	3732.3	3508.2	3335.2	3150.1	3087.7	2879.6	2747.4	2637.9	2562.2
40°	3306.6	3092.7	2917.3	2745.9	2604.8	2464.5	2351.8	2240.6	2155.2	2076.9	2022.7
42.5°	2582.2	2427.1	2299.1	2173.6	2070.7	1968.4	1886.7	1810.1	1752.6	1701.5	1666.6
45°	2052.7	1946.2	1857.2	1768.7	1696.1	1627.8	1572.8	1524.0	1486.9	1456.1	1434.3
47.5°	1686.3	1613.4	1550.6	1490.9	1441.7	1397.0	1360.1	1348.1	1308.2	1281.2	1271.0
50°	1433.2	1389.1	1341.4	1297.4	1264.5	1231.8	1207.9	1184.5	1169.5	1157.1	1153.4
52.5°	1244.2	1210.5	1184.0	1156.1	1134.4	1111.1	1094.7	1079.0	1070.9	1064.4	1063.6
55°	1103.7	1080.1	1062.6	1043.9	1030.9	1017.2	1008.7	1000.4	996.9	993.6	993.9
57.5°	997.4	981.7	970.3	958.1	951.1	944.5	942.4	940.3	941.4	941.9	943.7
60°	919.9	909.7	902.6	895.6	892.7	890.5	892.2	894.0	897.7	900.7	903.5
62.5°	860.6	854.7	851.3	847.5	847.2	847.4	850.5	853.6	858.4	861.9	864.5
65°	799.5	796.1	795.0	792.7	793.8	794.6	798.4	800.7	805.5	808.3	811.6
67.5°	737.8	737.0	737.7	737.7	739.8	741.7	745.3	748.1	752.0	754.6	757.4
70°	692.2	692.5	694.2	694.5	696.8	698.0	701.3	703.0	706.6	708.7	712.1
72.5°	647.8	647.1	647.5	646.5	647.3	647.0	648.7	649.6	652.6	654.3	658.3
75°	600.7	598.6	598.1	596.0	596.1	594.5	595.3	595.2	597.2	598.0	600.9
77.5°	543.5	540.2	538.6	535.1	535.0	533.7	535.1	535.9	539.4	541.1	544.4
80°	475.3	470.1	467.7	463.5	464.2	464.0	467.6	470.2	474.5	475.3	479.5
82.5°	395.1	389.8	387.3	383.1	384.1	384.1	387.4	388.0	391.7	393.3	398.1
85°	282.9	284.9	279.3	279.7	278.5	280.7	282.9	285.6	288.8	293.9	298.0
87.5°	166.6	165.9	167.9	168.1	171.0	172.5	177.2	179.8	184.9	189.1	196.4
90°	61.5	59.5	61.8	61.5	65.0	64.8	67.8	67.0	70.6	71.4	75.9
92.5°	3.2	3.5	3.2	3.4	3.2	3.6	3.2	3.5	3.2	3.6	3.2
95°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
97.5°	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
100°	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
102.5°	4.7	4.7	4.7	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.5
105°	5.3	5.2	5.1	5.1	5.1	5.0	5.0	4.8	4.8	4.8	4.8
107.5°	6.1	6.0	5.9	5.8	5.7	5.5	5.5	5.5	5.3	5.3	5.3
110°	6.9	6.7	6.7	6.4	6.4	6.3	6.1	6.1	6.0	5.9	5.9



TEST NUMBER: P1444293
 CATALOG NUMBER: EHBR1-24-UNV-TA-L840

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	8.0	7.8	7.5	7.3	7.1	6.9	6.8	6.7	6.7	6.6	6.4
115°	9.3	9.0	8.6	8.4	8.2	7.9	7.7	7.6	7.4	7.3	7.2
117.5°	10.9	10.5	10.0	9.7	9.4	9.0	8.8	8.5	8.3	8.3	8.2
120°	12.8	12.3	11.7	11.3	10.9	10.5	10.1	9.8	9.5	9.4	9.3
122.5°	15.0	14.4	13.8	13.3	12.8	12.3	11.8	11.5	11.1	10.9	10.7
125°	17.7	17.1	16.3	15.6	15.0	14.5	14.0	13.5	13.1	12.8	12.4
127.5°	20.7	19.9	19.2	18.6	17.8	17.2	16.5	16.0	15.5	15.1	14.7
130°	24.0	23.3	22.4	21.8	20.9	20.3	19.7	19.1	18.6	18.1	17.6
132.5°	27.7	27.0	26.2	25.5	24.7	23.9	23.2	22.6	21.9	21.4	20.9
135°	31.8	31.2	30.3	29.6	28.7	28.1	27.3	26.6	25.9	25.4	24.8
137.5°	36.1	35.4	34.7	34.0	33.2	32.5	31.6	31.1	30.3	29.9	29.3
140°	40.5	39.9	39.0	38.4	37.7	37.1	36.3	35.8	35.1	34.6	34.0
142.5°	44.7	44.2	43.5	43.0	42.4	41.8	41.1	40.5	39.9	39.4	38.8
145°	49.1	48.6	48.1	47.5	46.9	46.5	45.8	45.3	44.7	44.3	43.9
147.5°	53.5	53.0	52.5	52.0	51.5	51.0	50.3	50.0	49.4	49.1	48.6
150°	57.6	57.2	56.7	56.4	55.8	55.4	55.0	54.6	54.1	53.9	53.4
152.5°	61.5	61.2	60.8	60.5	60.0	59.6	59.2	58.9	58.5	58.2	57.7
155°	65.5	65.2	64.8	64.5	64.0	63.8	63.4	63.0	62.7	62.3	61.9
157.5°	69.2	68.9	68.5	68.3	67.8	67.5	67.2	66.9	66.5	66.2	65.8
160°	72.6	72.4	72.0	71.7	71.4	71.1	70.7	70.4	70.0	69.8	69.4
162.5°	76.1	75.7	75.5	75.2	74.8	74.6	74.2	73.8	73.5	73.2	72.7
165°	79.3	79.0	78.7	78.4	78.1	77.8	77.4	77.2	76.8	76.5	76.1
167.5°	82.5	82.3	82.0	81.8	81.4	81.0	80.8	80.5	80.2	79.9	79.5
170°	85.4	85.1	84.9	84.6	84.4	84.0	83.7	83.4	83.1	82.9	82.5
172.5°	87.6	87.5	87.2	87.1	86.8	86.6	86.4	86.2	86.0	85.7	85.6
175°	89.1	89.1	89.0	88.7	88.7	88.5	88.3	88.3	88.1	88.0	87.8
177.5°	90.1	90.0	90.0	89.9	89.8	89.8	89.7	89.7	89.6	89.5	89.5
180°	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4



TEST NUMBER: P1444293
 CATALOG NUMBER: EHBR1-24-UNV-TA-L840

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8
2.5°	21633.7	21628.2	21630.8	21620.7	21623.1	21610.9	21609.8	21595.9	21594.6	21581.6	21576.7
5°	22366.2	22354.1	22367.7	22346.5	22350.7	22323.1	22320.8	22285.2	22272.9	22228.4	22209.1
7.5°	23171.2	23166.6	23174.9	23157.3	23156.7	23132.0	23121.9	23090.0	23070.2	23023.4	22993.5
10°	23347.6	23351.7	23344.9	23346.6	23337.1	23334.3	23324.5	23318.3	23302.2	23290.1	23272.3
12.5°	22615.2	22619.7	22591.7	22609.4	22595.4	22628.1	22625.4	22664.0	22669.9	22718.5	22737.0
15°	20922.7	20917.5	20863.8	20897.6	20879.5	20951.2	20967.3	21063.8	21115.3	21239.2	21315.3
17.5°	18365.9	18352.1	18276.6	18317.8	18296.8	18402.5	18438.1	18592.3	18688.6	18888.2	19030.4
20°	15318.1	15291.6	15203.3	15251.4	15229.9	15350.0	15400.7	15587.1	15711.2	15975.7	16163.8
22.5°	12232.4	12190.6	12104.2	12149.1	12128.7	12253.2	12319.1	12506.2	12648.3	12919.7	13139.3
25°	9461.5	9424.3	9340.6	9372.1	9364.5	9469.8	9528.4	9705.4	9845.1	10103.6	10313.2
27.5°	7216.5	7177.7	7102.1	7124.4	7116.8	7206.5	7261.8	7409.6	7529.8	7747.5	7931.4
30°	5523.2	5476.4	5412.4	5424.7	5419.4	5492.1	5543.6	5668.2	5771.3	5955.2	6113.7
32.5°	4233.5	4186.5	4127.7	4133.5	4125.7	4182.7	4225.2	4333.5	4423.3	4579.6	4717.7
35°	3239.2	3294.1	3168.4	3248.0	3165.1	3286.8	3243.0	3310.7	3387.9	3519.7	3634.8
37.5°	2490.2	2452.0	2419.6	2416.2	2415.9	2444.2	2477.5	2542.7	2610.7	2708.9	2810.3
40°	1973.3	1946.5	1925.6	1924.1	1925.6	1945.7	1970.3	2015.3	2065.1	2135.6	2210.1
42.5°	1636.7	1618.8	1606.2	1605.4	1609.4	1623.6	1640.7	1667.5	1699.9	1745.6	1796.6
45°	1416.5	1406.6	1399.7	1399.3	1401.1	1408.5	1418.4	1435.0	1455.6	1484.0	1516.4
47.5°	1262.1	1259.7	1255.3	1255.5	1253.5	1256.5	1257.6	1267.0	1277.9	1299.4	1341.7
50°	1149.7	1149.7	1146.6	1146.4	1143.6	1143.4	1141.0	1144.7	1149.9	1163.2	1176.6
52.5°	1060.8	1060.5	1057.1	1056.5	1053.5	1053.3	1051.3	1052.7	1053.4	1060.2	1068.2
55°	991.2	989.2	984.9	983.5	982.4	984.1	983.3	983.4	982.5	985.3	987.7
57.5°	941.4	938.7	934.6	933.4	933.1	935.2	935.2	934.5	930.8	928.3	924.6
60°	901.9	899.2	894.9	893.8	894.4	897.3	897.1	894.7	889.1	884.3	878.5
62.5°	863.2	862.1	859.9	859.6	859.0	859.5	857.4	854.9	849.4	844.2	838.1
65°	811.2	811.8	810.1	810.3	808.4	808.0	805.0	802.6	796.9	792.3	785.9
67.5°	757.3	757.7	756.2	756.2	755.2	755.4	753.6	751.3	746.6	742.7	737.9
70°	712.8	713.9	713.1	713.4	712.1	711.5	708.7	706.4	701.6	698.4	694.0
72.5°	659.5	661.9	661.8	662.4	660.5	659.5	656.1	653.2	648.9	646.3	642.8
75°	602.0	605.1	606.0	607.3	604.6	603.2	599.4	597.2	593.6	592.1	589.8
77.5°	545.9	549.3	552.5	555.6	551.2	547.3	542.5	539.0	533.9	531.8	528.2
80°	482.8	488.9	496.1	502.2	494.3	486.3	478.6	472.8	466.1	463.2	458.8
82.5°	400.6	406.7	411.0	414.8	409.4	403.5	396.0	391.0	383.6	380.9	375.8
85°	304.3	312.1	314.5	316.6	313.1	310.0	302.9	293.4	288.8	281.5	277.8
87.5°	200.2	204.8	205.6	206.3	204.2	202.7	198.2	193.7	185.8	180.0	173.0
90°	75.9	79.1	77.6	78.9	76.1	76.2	71.4	69.9	63.3	60.7	54.8
92.5°	3.4	3.2	3.2	3.2	3.6	3.2	3.6	3.2	3.5	3.2	3.5
95°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
97.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.8
100°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
102.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.6
105°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	5.0	5.0
107.5°	5.2	5.2	5.2	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.5
110°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	6.0	6.0	6.1



TEST NUMBER: P1444293
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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°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.6	6.6	6.7	6.7
115°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.2	7.3	7.3	7.5
117.5°	8.0	7.9	7.9	7.9	7.9	7.9	8.0	8.0	8.2	8.3	8.4
120°	9.2	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.3	9.4	9.7
122.5°	10.5	10.4	10.4	10.3	10.3	10.3	10.4	10.5	10.7	10.9	11.1
125°	12.4	12.1	12.1	12.0	12.0	12.0	12.1	12.3	12.4	12.6	13.0
127.5°	14.5	14.3	14.1	14.0	14.0	14.0	14.3	14.3	14.6	14.9	15.3
130°	17.3	17.1	17.0	16.6	16.6	16.6	17.0	17.1	17.5	17.7	18.2
132.5°	20.7	20.3	20.1	19.9	19.9	19.9	20.1	20.3	20.7	20.9	21.6
135°	24.5	24.2	23.9	23.8	23.8	23.7	23.9	24.0	24.4	24.8	25.3
137.5°	29.0	28.6	28.4	28.1	28.1	28.1	28.2	28.4	28.7	29.1	29.7
140°	33.6	33.2	33.1	32.8	32.8	32.7	32.8	33.0	33.3	33.7	34.2
142.5°	38.5	38.0	37.8	37.7	37.5	37.5	37.7	37.8	38.1	38.4	38.8
145°	43.5	43.1	42.9	42.7	42.6	42.6	42.7	42.8	43.1	43.2	43.7
147.5°	48.3	48.0	47.8	47.6	47.6	47.5	47.6	47.6	47.8	48.0	48.3
150°	53.2	52.8	52.6	52.4	52.3	52.3	52.3	52.3	52.4	52.5	52.8
152.5°	57.6	57.2	57.1	56.9	56.7	56.6	56.6	56.5	56.6	56.6	56.9
155°	61.8	61.5	61.2	61.0	60.8	60.7	60.7	60.5	60.6	60.5	60.6
157.5°	65.7	65.4	65.2	64.9	64.7	64.5	64.4	64.2	64.2	64.0	64.0
160°	69.2	68.8	68.6	68.4	68.2	67.9	67.8	67.5	67.4	67.3	67.2
162.5°	72.5	72.2	71.9	71.6	71.4	71.1	71.0	70.7	70.5	70.3	70.3
165°	75.8	75.5	75.3	74.9	74.7	74.5	74.2	74.0	73.8	73.6	73.5
167.5°	79.3	78.9	78.7	78.4	78.2	77.9	77.8	77.6	77.4	77.2	77.2
170°	82.4	82.1	81.9	81.7	81.5	81.3	81.2	81.0	80.9	80.8	80.8
172.5°	85.4	85.2	85.0	84.9	84.7	84.5	84.5	84.4	84.2	84.2	84.2
175°	87.7	87.6	87.5	87.3	87.2	87.2	87.2	87.2	87.2	87.1	87.1
177.5°	89.4	89.3	89.3	89.3	89.2	89.2	89.2	89.2	89.2	89.1	89.1
180°	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4



TEST NUMBER: P1444293
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CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8
2.5°	21562.7	21557.1	21542.1	21534.8	21521.0	21514.0	21503.2	21496.2	21487.6	21481.1	21477.8
5°	22160.2	22132.6	22077.3	22043.3	21983.6	21944.3	21885.1	21841.6	21780.5	21735.3	21677.5
7.5°	22937.4	22895.1	22824.3	22770.7	22687.2	22623.4	22529.7	22454.8	22351.3	22265.3	22159.6
10°	23253.9	23229.2	23197.4	23162.9	23116.7	23071.3	23007.3	22942.1	22855.3	22768.8	22655.9
12.5°	22786.1	22809.4	22855.3	22876.7	22911.7	22923.6	22939.7	22932.1	22917.9	22882.6	22831.5
15°	21461.5	21558.6	21711.9	21818.0	21966.6	22071.0	22209.1	22298.0	22400.4	22461.6	22519.7
17.5°	19282.5	19470.2	19740.8	19956.7	20246.5	20482.2	20770.9	20997.7	21259.6	21460.5	21674.4
20°	16491.5	16754.3	17128.0	17445.2	17865.2	18221.2	18677.5	19059.7	19505.5	19877.1	20278.3
22.5°	13487.7	13796.9	14224.9	14607.6	15109.1	15557.0	16128.6	16634.0	17236.6	17776.6	18373.8
25°	10653.9	10956.9	11392.9	11789.2	12330.6	12824.0	13448.5	14028.2	14727.6	15379.8	16128.6
27.5°	8223.8	8493.0	8876.3	9232.9	9728.7	10213.1	10846.9	11465.1	12211.4	12912.3	13719.3
30°	6351.0	6569.5	6876.5	7163.5	7561.5	7957.7	8522.2	9093.9	9836.5	10562.9	11390.2
32.5°	4921.9	5108.1	5364.4	5597.3	5904.1	6202.7	6618.5	7075.3	7726.8	8422.5	9222.5
35°	3810.1	3969.4	4187.6	4388.2	4640.4	4877.6	5187.8	5513.9	6011.0	6596.2	7312.1
37.5°	3037.6	3102.6	3258.3	3422.6	3632.2	3827.0	4069.7	4310.9	4666.5	5128.2	5713.1
40°	2310.1	2413.2	2540.0	2669.4	2828.0	2984.3	3250.6	3378.7	3612.9	3944.4	4398.2
42.5°	1863.9	1936.5	2025.7	2115.7	2226.3	2335.0	2469.7	2606.9	2781.9	3006.4	3329.3
45°	1559.8	1607.0	1664.5	1724.6	1797.1	1871.4	1961.6	2055.7	2174.4	2312.4	2508.5
47.5°	1356.6	1382.7	1420.3	1461.2	1511.0	1562.4	1621.1	1681.0	1754.8	1836.6	1948.3
50°	1198.0	1219.8	1248.9	1276.3	1310.7	1363.4	1386.7	1419.8	1464.1	1512.3	1574.7
52.5°	1083.2	1097.7	1116.1	1131.8	1153.5	1173.2	1199.1	1221.9	1252.6	1281.5	1321.9
55°	993.9	999.1	1009.5	1019.6	1034.6	1048.1	1065.9	1080.8	1100.4	1117.7	1143.1
57.5°	924.8	925.3	930.1	935.3	945.0	953.5	965.7	975.5	989.1	1000.1	1015.4
60°	875.2	872.6	873.5	875.4	880.8	886.3	894.2	900.5	909.1	915.3	923.8
62.5°	833.9	829.8	828.8	828.3	831.0	833.0	837.3	840.4	845.2	848.0	852.5
65°	781.8	776.9	775.0	772.7	773.5	772.9	774.5	774.6	777.0	777.6	780.3
67.5°	734.5	730.4	727.9	724.9	723.6	721.4	720.4	718.3	718.0	716.3	715.9
70°	691.4	687.3	685.3	682.5	681.1	678.1	676.4	672.9	670.8	667.6	665.7
72.5°	641.4	639.2	638.6	636.7	636.2	634.6	633.9	631.3	629.9	627.1	625.6
75°	589.3	587.4	587.2	585.3	585.2	583.3	582.8	580.2	578.9	576.0	574.8
77.5°	527.1	524.4	523.7	521.4	522.0	520.9	521.8	519.8	518.9	516.1	515.2
80°	457.2	453.6	452.2	449.3	450.1	448.7	450.1	449.9	450.9	448.7	448.3
82.5°	374.2	370.4	369.7	367.7	369.0	369.2	372.1	370.5	371.1	369.1	370.0
85°	272.3	269.5	265.5	265.0	262.3	265.0	261.5	263.9	260.1	262.7	259.2
87.5°	168.8	163.0	159.8	155.6	154.0	149.9	148.2	145.3	146.2	144.8	145.6
90°	53.4	48.1	46.5	41.9	41.0	36.9	36.8	33.8	34.1	31.0	31.6
92.5°	3.2	3.2	3.2	3.4	3.2	3.2	3.2	3.4	3.2	3.4	3.2
95°	3.5	3.5	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.6
97.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	4.0	4.0	4.0	4.0
100°	4.1	4.2	4.2	4.2	4.2	4.3	4.3	4.3	4.4	4.4	4.4
102.5°	4.6	4.6	4.6	4.7	4.7	4.7	4.7	4.8	4.8	5.0	5.1
105°	5.0	5.1	5.1	5.1	5.1	5.2	5.3	5.5	5.5	5.7	5.8
107.5°	5.5	5.5	5.7	5.8	5.8	6.0	6.1	6.2	6.3	6.4	6.7
110°	6.1	6.2	6.3	6.4	6.6	6.7	6.8	7.0	7.2	7.4	7.7



TEST NUMBER: P1444293
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CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	6.7	6.9	7.0	7.2	7.4	7.6	7.8	8.0	8.3	8.6	8.9
115°	7.6	7.8	7.9	8.2	8.3	8.6	8.9	9.3	9.7	10.0	10.4
117.5°	8.5	8.8	9.0	9.3	9.5	10.0	10.3	10.8	11.3	11.7	12.1
120°	9.8	10.1	10.4	10.8	11.1	11.6	12.1	12.5	13.1	13.6	14.1
122.5°	11.3	11.7	12.1	12.5	13.0	13.6	14.1	14.8	15.4	16.0	16.6
125°	13.3	13.8	14.3	14.8	15.4	16.0	16.6	17.5	18.1	18.8	19.5
127.5°	15.6	16.2	16.7	17.5	18.1	18.8	19.5	20.3	20.9	21.8	22.4
130°	18.6	19.2	19.8	20.5	21.2	22.0	22.8	23.6	24.3	25.1	25.8
132.5°	22.0	22.7	23.2	24.0	24.7	25.5	26.3	27.1	27.9	28.9	29.5
135°	25.8	26.5	27.1	27.9	28.7	29.6	30.3	31.2	31.8	32.7	33.3
137.5°	30.1	30.8	31.5	32.2	32.8	33.7	34.4	35.2	35.8	36.6	37.3
140°	34.7	35.3	35.8	36.6	37.3	38.0	38.5	39.4	40.0	40.8	41.3
142.5°	39.3	40.0	40.4	41.0	41.6	42.4	42.9	43.5	44.0	44.6	45.0
145°	44.0	44.6	45.0	45.5	46.0	46.5	46.9	47.5	47.8	48.3	48.7
147.5°	48.6	49.0	49.2	49.7	50.1	50.4	50.9	51.3	51.6	52.0	52.3
150°	53.0	53.3	53.5	53.9	54.0	54.3	54.5	54.8	55.0	55.3	55.4
152.5°	56.9	57.1	57.1	57.4	57.5	57.7	57.7	58.0	58.0	58.2	58.4
155°	60.5	60.6	60.6	60.7	60.7	60.7	60.7	61.0	61.1	61.1	61.3
157.5°	63.9	63.8	63.8	63.8	63.8	63.8	63.8	63.9	64.0	64.2	64.4
160°	66.9	66.9	66.8	66.8	66.8	66.8	66.8	66.9	67.0	67.3	67.5
162.5°	70.0	69.9	69.9	69.9	69.9	69.9	70.0	70.3	70.3	70.6	70.8
165°	73.4	73.4	73.3	73.4	73.4	73.5	73.6	73.8	74.0	74.2	74.5
167.5°	77.2	77.2	77.2	77.2	77.2	77.3	77.4	77.7	77.8	78.1	78.2
170°	80.7	80.8	80.7	80.8	80.8	80.9	81.0	81.0	81.2	81.4	81.4
172.5°	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.4	84.4	84.5	84.5
175°	87.0	87.0	87.0	87.0	87.0	86.9	86.9	86.8	86.8	86.8	86.8
177.5°	89.0	88.8	88.7	88.7	88.7	88.6	88.6	88.5	88.5	88.5	88.3
180°	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4



TEST NUMBER: P1444293
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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°	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8
2.5°	21473.4	21473.1	21471.1	21472.0	21472.4	21473.9	21475.9	21477.8	21478.1	21479.7	21480.0
5°	21634.1	21581.0	21541.7	21498.5	21466.0	21436.7	21417.2	21401.8	21395.7	21397.3	21400.9
7.5°	22069.9	21960.2	21869.8	21766.9	21681.1	21590.3	21514.9	21443.4	21391.2	21352.4	21330.6
10°	22548.0	22414.5	22286.7	22137.9	21996.6	21846.0	21709.4	21572.0	21457.4	21357.8	21284.8
12.5°	22760.3	22665.9	22555.4	22414.9	22263.8	22089.9	21914.3	21726.1	21550.9	21388.5	21257.4
15°	22535.6	22535.8	22495.6	22428.1	22323.1	22184.2	22016.9	21820.6	21614.1	21403.3	21210.7
17.5°	21822.3	21956.9	22031.8	22079.1	22064.6	22013.5	21906.9	21756.3	21563.6	21339.1	21104.1
20°	20597.5	20915.0	21141.3	21344.8	21458.8	21534.6	21527.0	21465.7	21328.5	21137.6	20893.0
22.5°	18881.8	19414.6	19834.9	20226.9	20501.8	20725.5	20831.7	20876.9	20814.8	20681.8	20451.9
25°	16797.8	17522.2	18140.3	18740.2	19190.2	19576.9	19809.3	19973.1	19986.1	19916.6	19711.5
27.5°	14482.2	15337.2	16119.5	16916.8	17549.5	18105.5	18470.4	18737.3	18822.1	18811.0	18624.7
30°	12169.4	13067.1	13929.3	14859.0	15642.1	16352.4	16834.3	17195.4	17334.5	17361.2	17182.1
32.5°	9985.4	10870.5	11730.4	12702.3	13564.1	14378.0	14947.4	15376.4	15538.1	15576.2	15379.8
35°	8003.1	8819.7	9637.0	10579.0	11435.7	12278.6	12878.6	13327.6	13478.7	13504.2	13276.7
37.5°	6284.2	6979.9	7692.0	8537.2	9324.0	10115.7	10685.6	11107.7	11217.8	11210.9	10953.6
40°	4836.8	5377.8	5949.9	6645.8	7299.9	7969.1	8450.4	8799.3	8857.1	8814.3	8543.9
42.5°	3637.0	4027.7	4442.5	4962.0	5447.3	5948.2	6298.3	6557.3	6565.6	6497.9	6255.2
45°	2709.6	3090.8	3264.7	3578.7	3891.3	4224.4	4438.2	4598.2	4573.4	4513.9	4329.4
47.5°	2065.6	2212.0	2367.4	2562.2	2744.3	3122.1	3094.2	3351.1	3166.0	3292.3	3014.5
50°	1640.3	1722.2	1805.9	1909.2	2004.4	2103.2	2164.9	2210.9	2205.0	2185.2	2131.9
52.5°	1395.4	1420.8	1462.0	1520.8	1573.9	1627.3	1662.5	1691.1	1691.7	1683.6	1656.8
55°	1166.3	1198.5	1228.1	1266.5	1331.9	1342.0	1392.4	1382.1	1386.2	1372.1	1386.5
57.5°	1028.4	1047.0	1063.7	1086.6	1105.5	1127.6	1140.6	1153.1	1151.9	1149.2	1135.4
60°	930.6	940.9	950.2	963.5	973.9	986.3	992.4	998.7	996.6	991.9	979.7
62.5°	855.1	861.7	866.9	875.5	881.9	889.6	892.7	895.4	892.7	888.3	877.5
65°	780.8	785.0	788.3	794.8	799.2	805.9	808.5	811.0	808.6	805.2	796.9
67.5°	713.8	714.1	713.8	716.4	717.8	721.7	722.9	724.9	721.9	719.0	712.1
70°	662.8	661.8	660.5	661.6	661.8	663.7	664.0	663.7	660.3	655.1	647.6
72.5°	623.1	622.6	621.5	622.5	622.5	624.2	623.7	622.8	618.5	613.6	606.0
75°	571.9	571.6	569.7	569.7	568.1	568.7	566.6	565.4	560.7	556.6	549.8
77.5°	512.2	511.2	508.3	507.3	504.3	503.0	499.2	497.2	492.4	489.1	483.3
80°	445.4	444.4	440.7	438.7	434.0	430.9	425.2	421.9	416.3	413.1	407.5
82.5°	368.1	368.5	365.0	362.4	355.6	350.3	342.7	338.5	332.5	329.2	323.5
85°	261.8	258.1	260.0	259.9	255.6	251.0	244.8	240.4	235.3	232.3	228.2
87.5°	143.6	144.5	143.5	142.6	139.5	137.2	132.4	129.8	126.0	124.2	121.2
90°	28.5	29.0	26.1	26.7	23.9	23.3	19.9	19.8	16.7	16.4	14.0
92.5°	3.2	3.2	3.4	3.2	3.4	3.4	3.4	3.4	3.4	3.2	3.4
95°	3.6	3.6	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7
97.5°	4.0	4.0	4.0	4.1	4.1	4.1	4.2	4.2	4.2	4.2	4.2
100°	4.5	4.6	4.6	4.6	4.7	4.7	4.7	4.7	4.8	4.8	4.8
102.5°	5.1	5.1	5.2	5.3	5.5	5.5	5.5	5.5	5.7	5.7	5.7
105°	5.9	6.0	6.2	6.3	6.4	6.4	6.6	6.6	6.7	6.7	6.7
107.5°	6.8	6.9	7.1	7.3	7.4	7.6	7.7	7.8	7.9	7.9	8.0
110°	7.9	8.0	8.3	8.5	8.7	8.9	9.0	9.2	9.4	9.4	9.7



TEST NUMBER: P1444293
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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°	9.2	9.4	9.8	10.0	10.3	10.5	10.8	10.9	11.1	11.3	11.5
115°	10.8	11.1	11.5	11.8	12.1	12.4	12.8	12.9	13.2	13.4	13.6
117.5°	12.6	13.0	13.5	13.9	14.3	14.6	15.0	15.3	15.6	15.9	16.2
120°	14.8	15.3	15.7	16.2	16.6	17.2	17.6	18.0	18.3	18.7	19.1
122.5°	17.3	17.9	18.5	18.9	19.5	19.9	20.5	20.9	21.3	21.8	22.3
125°	20.1	20.7	21.3	21.9	22.4	23.0	23.6	24.0	24.7	25.1	25.7
127.5°	23.2	23.8	24.5	25.1	25.8	26.3	27.0	27.4	28.2	28.7	29.4
130°	26.6	27.1	27.9	28.6	29.3	29.9	30.5	31.2	31.8	32.5	33.2
132.5°	30.2	30.9	31.6	32.2	33.0	33.5	34.3	34.9	35.7	36.3	37.1
135°	34.1	34.7	35.4	35.9	36.7	37.3	38.0	38.7	39.6	40.3	41.1
137.5°	37.9	38.5	39.3	39.8	40.5	41.1	41.9	42.5	43.4	44.0	45.0
140°	41.9	42.4	43.0	43.5	44.2	44.7	45.5	46.2	46.9	47.7	48.5
142.5°	45.6	46.0	46.5	47.0	47.7	48.1	48.8	49.6	50.3	51.2	52.0
145°	49.2	49.6	50.0	50.4	51.0	51.6	52.3	52.9	53.6	54.3	55.1
147.5°	52.6	52.9	53.4	53.8	54.2	54.6	55.4	55.9	56.6	57.3	58.0
150°	55.8	56.1	56.4	56.7	57.2	57.7	58.2	58.8	59.6	60.2	60.8
152.5°	58.7	58.9	59.2	59.6	60.0	60.5	61.1	61.6	62.3	62.9	63.6
155°	61.6	61.9	62.3	62.7	63.1	63.5	64.0	64.5	65.0	65.7	66.2
157.5°	64.7	64.9	65.3	65.7	66.1	66.5	67.0	67.4	68.0	68.4	68.9
160°	67.8	68.0	68.4	68.8	69.2	69.6	70.1	70.5	71.0	71.4	71.9
162.5°	71.1	71.4	71.8	72.1	72.6	73.0	73.5	73.8	74.3	74.7	75.2
165°	74.8	75.1	75.5	75.7	76.1	76.4	76.8	77.2	77.6	77.9	78.4
167.5°	78.6	78.7	79.0	79.2	79.6	79.9	80.3	80.5	80.9	81.2	81.5
170°	81.7	81.8	82.0	82.2	82.5	82.7	82.9	83.1	83.5	83.7	84.2
172.5°	84.6	84.6	84.9	84.9	85.1	85.2	85.4	85.6	85.7	86.0	86.1
175°	86.9	86.9	87.0	87.0	87.1	87.2	87.3	87.5	87.6	87.6	87.7
177.5°	88.3	88.3	88.3	88.3	88.5	88.5	88.6	88.6	88.7	88.7	88.7
180°	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4



TEST NUMBER: P1444293
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CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8
2.5°	21479.3	21479.0	21478.3	21477.4	21476.4	21477.0	21477.9	21480.4	21484.6	21490.9	21499.1
5°	21403.8	21408.3	21410.7	21411.1	21408.8	21407.4	21409.6	21415.4	21427.3	21447.3	21474.2
7.5°	21324.8	21330.2	21338.5	21344.8	21345.9	21344.4	21344.8	21354.0	21376.0	21414.9	21469.4
10°	21240.4	21224.3	21232.8	21248.2	21260.5	21262.8	21264.3	21275.3	21307.4	21366.2	21453.8
12.5°	21162.4	21111.6	21101.8	21115.7	21134.4	21140.5	21138.8	21143.5	21181.1	21258.9	21381.0
15°	21059.8	20964.2	20931.6	20935.1	20958.2	20966.5	20960.5	20951.2	20987.9	21082.9	21241.0
17.5°	20893.9	20739.7	20679.7	20677.0	20704.1	20711.2	20696.4	20667.6	20703.7	20822.2	21018.5
20°	20641.6	20414.0	20300.9	20282.9	20312.3	20303.7	20274.0	20230.7	20278.1	20422.2	20655.5
22.5°	20188.0	19899.7	19706.5	19644.1	19679.2	19655.8	19612.6	19557.1	19620.1	19783.9	20043.8
25°	19446.8	19113.7	18849.1	18700.7	18728.7	18686.8	18639.8	18572.5	18647.6	18835.5	19121.7
27.5°	18357.3	17972.5	17644.8	17399.1	17408.1	17353.2	17299.0	17211.9	17305.8	17528.2	17850.9
30°	16908.7	16463.4	16064.2	15730.4	15700.5	15647.3	15591.7	15477.5	15594.9	15861.2	16238.2
32.5°	15089.4	14595.0	14133.8	13711.7	13632.0	13580.0	13530.6	13399.1	13552.9	13863.4	14296.5
35°	12961.8	12435.2	11935.2	11453.1	11321.1	11269.1	11225.8	11099.9	11291.7	11629.6	12097.5
37.5°	10626.5	10088.5	9592.1	9097.6	8911.3	8840.8	8809.4	8726.8	8948.1	9282.3	9752.1
40°	8229.1	7728.8	7283.8	6847.1	6634.6	6526.6	6510.2	6495.1	6709.1	6999.0	7425.5
42.5°	5986.3	5582.7	5239.5	4905.8	4713.2	4565.8	4565.7	4610.5	4803.1	5020.3	5349.1
45°	4140.9	3870.1	3651.4	3428.4	3488.0	3194.2	3366.8	3278.2	3373.5	3513.4	3727.2
47.5°	2846.5	2698.7	2578.5	2453.9	2363.1	2276.4	2284.0	2339.9	2429.6	2512.6	2623.9
50°	2074.6	1999.3	1938.1	1873.4	1828.2	1790.0	1792.2	1816.4	1863.5	1907.3	1965.5
52.5°	1625.6	1584.0	1550.8	1515.0	1491.3	1472.3	1473.3	1485.1	1510.6	1535.6	1569.0
55°	1339.9	1334.9	1291.6	1259.5	1247.3	1234.5	1236.8	1241.5	1258.8	1273.5	1295.6
57.5°	1122.8	1103.4	1090.4	1073.6	1065.8	1056.8	1058.8	1060.6	1072.2	1082.0	1097.9
60°	969.5	955.8	946.6	935.1	930.0	924.3	925.7	926.7	934.0	940.5	951.9
62.5°	867.7	855.4	847.5	838.6	834.9	831.1	832.0	832.3	837.0	841.7	850.3
65°	789.6	779.9	773.2	765.5	761.8	757.8	758.2	758.2	762.1	765.5	772.0
67.5°	707.0	699.6	695.3	689.2	686.7	682.7	682.6	681.3	683.8	685.2	689.6
70°	640.7	633.2	627.8	621.9	618.7	615.2	615.2	615.3	618.3	621.3	627.1
72.5°	599.7	592.6	587.7	582.7	579.6	576.5	576.0	575.7	577.9	579.6	583.3
75°	545.5	539.8	537.0	532.1	529.8	526.3	525.8	524.2	525.2	525.6	528.3
77.5°	479.7	474.3	472.0	467.2	465.1	461.2	460.9	459.2	460.0	459.4	461.6
80°	404.7	399.9	398.6	394.5	393.6	390.0	389.5	387.3	388.0	386.2	387.1
82.5°	321.0	316.5	315.6	311.9	311.9	308.7	308.5	305.2	305.2	302.4	298.0
85°	226.1	222.8	221.5	218.4	217.5	214.9	213.6	210.5	209.4	207.3	206.7
87.5°	119.4	117.2	115.4	114.0	111.3	106.7	106.2	102.9	103.2	100.9	101.0
90°	14.0	11.9	12.0	10.1	10.0	8.8	8.9	8.3	8.2	7.7	7.6
92.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
95°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.8	3.8
97.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.3	4.3	4.3	4.3
100°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	5.0	5.0	5.0	5.0
102.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.9	5.9
105°	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.9	6.9	6.9	7.0
107.5°	8.0	8.2	8.2	8.3	8.2	8.3	8.3	8.3	8.3	8.3	8.3
110°	9.7	9.8	9.8	9.9	9.9	10.0	10.0	10.1	10.1	10.1	10.1



TEST NUMBER: P1444293
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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°	11.6	11.7	11.8	12.0	12.0	12.1	12.1	12.3	12.3	12.4	12.3
115°	13.9	14.0	14.3	14.4	14.5	14.7	14.7	14.9	14.9	14.9	14.9
117.5°	16.4	16.7	17.1	17.3	17.5	17.7	17.8	17.9	17.9	18.0	17.9
120°	19.4	19.8	20.1	20.4	20.7	20.9	21.1	21.3	21.3	21.3	21.2
122.5°	22.7	23.2	23.5	23.9	24.2	24.5	24.7	24.8	24.8	24.9	24.7
125°	26.1	26.7	27.1	27.6	27.9	28.5	28.6	28.9	28.9	28.9	28.7
127.5°	30.0	30.5	31.0	31.6	32.0	32.4	32.6	32.8	32.8	32.8	32.7
130°	33.8	34.6	35.1	35.7	36.1	36.5	36.7	36.9	36.9	37.1	36.9
132.5°	37.7	38.5	39.3	39.9	40.3	40.8	41.0	41.3	41.3	41.4	41.2
135°	41.9	42.6	43.2	44.0	44.5	45.0	45.2	45.5	45.5	45.5	45.3
137.5°	45.7	46.5	47.2	47.8	48.4	48.8	49.2	49.4	49.4	49.6	49.3
140°	49.2	50.1	50.9	51.6	52.2	52.7	53.0	53.3	53.3	53.3	53.1
142.5°	52.7	53.5	54.2	55.0	55.4	56.0	56.3	56.5	56.5	56.5	56.4
145°	55.9	56.6	57.3	58.0	58.5	59.0	59.2	59.6	59.6	59.6	59.5
147.5°	58.8	59.6	60.1	60.7	61.2	61.8	62.1	62.3	62.3	62.3	62.3
150°	61.5	62.3	62.8	63.4	63.8	64.2	64.4	64.7	64.8	64.9	64.8
152.5°	64.2	64.7	65.3	65.7	66.2	66.5	66.8	67.0	67.3	67.4	67.4
155°	66.7	67.3	67.7	68.2	68.5	68.9	69.2	69.5	69.8	69.9	70.1
157.5°	69.4	69.9	70.3	70.8	71.1	71.6	71.9	72.3	72.6	73.0	73.1
160°	72.3	73.0	73.3	73.8	74.2	74.6	74.9	75.3	75.6	75.8	76.1
162.5°	75.6	76.1	76.3	76.8	77.2	77.6	77.9	78.3	78.6	78.9	79.1
165°	78.7	79.1	79.5	79.9	80.3	80.6	80.9	81.3	81.5	81.8	82.1
167.5°	81.8	82.2	82.5	82.9	83.1	83.5	83.8	84.2	84.5	84.7	84.9
170°	84.4	84.7	85.0	85.3	85.6	85.9	86.1	86.3	86.5	86.8	87.0
172.5°	86.3	86.6	86.8	87.1	87.2	87.5	87.6	88.0	88.1	88.3	88.3
175°	87.8	88.0	88.1	88.3	88.3	88.5	88.7	88.7	89.0	89.1	89.2
177.5°	88.8	89.0	89.1	89.1	89.1	89.1	89.2	89.2	89.3	89.4	89.4
180°	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4



TEST NUMBER: P1444293
 CATALOG NUMBER: EHBR1-24-UNV-TA-L840

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8
2.5°	21510.6	21521.4	21537.8	21552.7	21575.1	21592.9	21619.5	21639.7	21669.7	21689.3	21721.9
5°	21512.5	21554.6	21610.0	21663.9	21728.8	21787.7	21861.0	21923.5	21997.0	22057.1	22132.4
7.5°	21542.9	21624.1	21721.3	21819.3	21930.2	22033.8	22150.7	22256.4	22372.1	22469.8	22576.8
10°	21565.4	21690.5	21833.9	21978.1	22130.0	22271.0	22413.4	22536.5	22651.5	22746.2	22829.7
12.5°	21534.9	21707.3	21891.3	22068.9	22237.8	22383.8	22506.2	22600.9	22666.3	22710.6	22721.0
15°	21431.5	21639.0	21839.0	22015.9	22156.0	22264.1	22320.0	22346.1	22318.1	22271.4	22168.8
17.5°	21238.2	21457.1	21636.0	21775.5	21849.5	21878.9	21832.5	21751.9	21594.4	21419.6	21167.1
20°	20884.1	21088.0	21217.7	21293.8	21274.0	21200.7	21025.8	20813.2	20498.7	20163.7	19721.4
22.5°	20262.7	20441.0	20510.1	20515.8	20394.9	20211.6	19896.1	19531.4	19035.3	18519.6	17885.3
25°	19330.1	19486.2	19497.2	19435.9	19214.7	18917.5	18454.2	17938.4	17264.3	16577.1	15782.3
27.5°	18065.2	18215.1	18178.3	18063.9	17756.9	17359.2	16766.1	16099.7	15268.7	14457.1	13577.8
30°	16475.4	16635.5	16592.4	16445.6	16080.4	15610.4	14912.5	14138.2	13215.6	12348.6	11457.7
32.5°	14572.6	14775.1	14745.3	14605.8	14224.8	13721.7	12964.4	12143.2	11199.3	10345.0	9478.3
35°	12409.9	12655.7	12668.4	12577.2	12223.4	11726.3	10978.5	10183.6	9279.5	8473.4	7672.7
37.5°	10079.8	10364.8	10423.4	10398.8	10105.5	9666.6	8985.3	8272.3	7471.2	6764.8	6080.1
40°	7736.8	8025.3	8125.4	8155.1	7938.7	7598.8	7039.7	6464.2	5811.1	5238.6	4695.0
42.5°	5600.2	5855.9	5952.6	6013.4	5878.4	5651.7	5243.9	4825.9	4347.5	3934.6	3538.8
45°	3889.4	4070.3	4143.9	4205.1	4131.6	4003.7	3746.1	3484.7	3169.0	2899.2	2643.7
47.5°	2719.4	2819.0	2867.7	2897.3	2868.9	2802.2	2661.9	2510.6	2332.3	2174.6	2023.0
50°	2015.6	2068.8	2094.1	2111.2	2090.5	2053.4	1977.5	1895.1	1797.2	1707.9	1620.7
52.5°	1597.3	1627.7	1642.9	1652.1	1640.2	1617.5	1573.3	1524.5	1465.8	1410.6	1381.6
55°	1345.6	1344.1	1379.0	1362.1	1379.0	1341.4	1333.4	1279.7	1231.0	1196.6	1159.4
57.5°	1109.7	1125.5	1132.2	1139.8	1134.8	1128.0	1109.2	1090.0	1064.3	1042.8	1019.9
60°	960.6	973.6	980.9	988.4	987.9	985.4	974.5	963.0	946.9	934.0	920.2
62.5°	857.9	869.2	876.4	883.5	884.2	883.1	874.9	866.9	855.9	847.9	838.3
65°	777.0	785.0	789.9	795.6	795.3	793.8	786.3	779.7	770.7	765.0	758.1
67.5°	692.5	698.4	702.3	707.6	708.7	709.0	704.9	701.9	697.4	695.8	693.4
70°	632.3	639.6	645.8	652.5	656.3	658.0	656.3	654.6	652.0	650.9	649.1
72.5°	586.8	593.0	597.7	603.9	607.3	609.8	608.4	607.6	605.3	605.0	603.8
75°	530.2	534.5	537.2	541.8	543.6	546.0	545.0	545.5	544.8	546.6	546.5
77.5°	462.3	465.5	466.7	470.0	470.4	473.1	473.8	477.1	479.4	484.5	487.2
80°	385.7	387.8	387.8	391.2	392.7	397.4	399.7	405.0	407.5	412.1	412.5
82.5°	299.7	297.4	299.7	298.3	302.6	307.9	308.7	313.2	314.2	317.1	314.8
85°	204.8	204.7	202.9	203.2	201.8	202.5	201.7	202.5	201.8	201.8	199.8
87.5°	98.2	99.1	96.9	97.6	95.6	96.5	94.6	96.1	93.9	94.2	91.0
90°	7.3	7.1	6.8	6.7	6.9	6.7	6.6	6.4	6.6	6.4	6.4
92.5°	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.6	3.5	3.5
95°	3.8	3.8	3.8	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
97.5°	4.4	4.4	4.4	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.4
100°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
102.5°	6.0	6.0	6.0	6.1	6.1	6.1	6.1	6.1	6.0	6.0	5.9
105°	7.0	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.0	6.9	6.9
107.5°	8.4	8.4	8.5	8.5	8.5	8.5	8.4	8.3	8.3	8.3	8.0
110°	10.2	10.1	10.2	10.2	10.2	10.1	10.1	9.9	9.8	9.7	9.5



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CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	12.4	12.3	12.3	12.1	12.1	12.0	12.0	11.8	11.7	11.4	11.3
115°	14.9	14.7	14.7	14.5	14.5	14.3	14.1	14.0	13.8	13.5	13.3
117.5°	17.8	17.7	17.6	17.3	17.2	17.0	16.6	16.4	16.2	15.9	15.6
120°	21.1	20.9	20.7	20.4	20.2	19.8	19.7	19.3	19.0	18.6	18.2
122.5°	24.7	24.3	24.2	23.9	23.6	23.2	22.8	22.4	22.1	21.7	21.3
125°	28.6	28.2	27.9	27.5	27.1	26.7	26.3	25.8	25.4	24.9	24.4
127.5°	32.6	32.2	32.0	31.5	31.1	30.5	30.1	29.5	29.1	28.5	27.9
130°	36.7	36.3	36.1	35.4	35.1	34.4	34.0	33.4	32.8	32.3	31.7
132.5°	41.0	40.6	40.3	39.7	39.3	38.5	38.1	37.4	36.9	36.2	35.8
135°	45.1	44.7	44.4	43.9	43.4	42.7	42.2	41.6	41.0	40.5	39.9
137.5°	49.2	48.7	48.3	47.8	47.3	46.7	46.2	45.6	45.1	44.5	44.0
140°	52.9	52.5	52.2	51.7	51.2	50.7	50.1	49.6	49.1	48.5	48.1
142.5°	56.1	55.8	55.5	55.0	54.6	54.1	53.8	53.3	52.8	52.3	52.0
145°	59.2	58.9	58.7	58.2	58.0	57.5	57.2	56.7	56.5	56.0	55.7
147.5°	62.2	61.9	61.6	61.3	61.1	60.7	60.6	60.2	60.0	59.6	59.5
150°	64.8	64.7	64.6	64.4	64.2	64.0	63.9	63.7	63.6	63.3	63.2
152.5°	67.4	67.4	67.4	67.3	67.3	67.3	67.2	67.0	66.9	66.8	66.7
155°	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.3	70.3	70.3	70.3
157.5°	73.3	73.4	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.7	73.7
160°	76.3	76.5	76.7	76.8	76.9	76.9	77.1	76.9	77.1	76.9	76.8
162.5°	79.4	79.6	79.8	79.9	80.0	80.0	80.2	80.2	80.2	80.0	80.0
165°	82.4	82.5	82.7	82.8	82.9	82.9	83.0	83.0	83.0	82.9	82.9
167.5°	85.2	85.3	85.5	85.6	85.7	85.7	86.0	85.9	85.9	85.9	85.9
170°	87.2	87.3	87.5	87.6	87.7	87.7	87.8	87.8	88.0	87.8	87.8
172.5°	88.6	88.7	88.8	89.0	89.1	89.1	89.1	89.1	89.2	89.2	89.2
175°	89.3	89.4	89.5	89.6	89.7	89.8	89.8	89.9	89.9	89.9	89.9
177.5°	89.5	89.6	89.6	89.7	89.8	89.8	89.9	89.9	90.0	90.0	90.0
180°	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4



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CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8
2.5°	21742.1	21607.8	21590.1	21599.6	21622.0	21630.2	21654.5	21661.1	21685.4	21691.5	21714.9
5°	22190.7	22013.3	22022.1	22064.8	22129.4	22167.9	22231.4	22264.6	22325.2	22352.8	22407.6
7.5°	22663.8	22524.4	22567.9	22639.8	22728.1	22789.4	22865.7	22915.3	22981.1	23021.8	23074.5
10°	22896.0	22857.9	22905.7	22962.3	23012.8	23052.2	23084.5	23110.4	23127.4	23143.2	23150.2
12.5°	22719.4	22778.4	22786.5	22781.0	22747.7	22722.2	22664.9	22626.0	22556.9	22514.8	22432.7
15°	22064.0	22194.0	22122.0	22013.1	21853.6	21720.7	21533.1	21393.3	21197.9	21065.3	20869.1
17.5°	20914.0	21078.1	20890.6	20638.5	20317.8	20043.5	19701.9	19430.7	19091.1	18844.0	18527.1
20°	19295.2	19448.5	19114.1	18696.2	18200.1	17782.6	17290.3	16897.5	16440.0	16099.7	15689.0
22.5°	17279.5	17388.7	16917.6	16354.3	15722.2	15200.7	14612.0	14141.1	13619.0	13230.0	12792.0
25°	15049.5	15079.0	14513.9	13864.9	13160.5	12574.4	11945.9	11450.7	10918.3	10524.0	10094.2
27.5°	12798.9	12755.6	12144.7	11456.6	10715.7	10106.4	9493.5	9029.5	8563.2	8208.0	7837.7
30°	10674.4	10569.8	9935.5	9228.2	8509.0	7962.9	7454.1	7081.5	6710.6	6428.7	6131.5
32.5°	8726.3	8578.7	7961.3	7298.7	6692.6	6271.2	5893.9	5612.0	5312.4	5074.4	4824.9
35°	7000.8	6843.5	6296.7	5734.9	5276.2	4965.5	4668.9	4437.7	4183.3	3982.4	3765.9
37.5°	5519.9	5391.1	4932.9	4490.9	4143.9	3903.1	3660.1	3471.2	3260.9	3172.6	2941.1
40°	4261.4	4171.3	3813.1	3487.2	3226.7	3113.6	2867.0	2690.3	2533.2	2403.6	2278.2
42.5°	3323.9	3292.1	2943.5	2689.3	2505.9	2363.4	2225.9	2114.4	2005.7	1916.4	1832.0
45°	2439.3	2414.0	2259.3	2112.5	1987.5	1887.9	1795.1	1718.3	1647.3	1588.5	1534.9
47.5°	1899.4	1891.4	1802.3	1711.3	1632.6	1568.6	1508.3	1457.3	1410.2	1370.9	1358.1
50°	1544.9	1543.9	1491.6	1435.4	1379.3	1342.4	1303.8	1273.8	1243.5	1220.0	1195.1
52.5°	1312.7	1307.0	1271.6	1237.0	1203.7	1179.4	1154.8	1135.6	1115.6	1101.0	1085.5
55°	1130.1	1136.0	1115.7	1095.0	1074.1	1058.9	1041.8	1029.1	1015.3	1006.1	996.8
57.5°	1003.2	1011.1	1000.4	988.7	976.0	966.1	954.2	945.4	936.3	930.4	925.0
60°	911.0	919.6	915.3	909.4	901.5	895.7	888.1	883.2	877.3	874.0	871.0
62.5°	832.7	843.5	842.0	839.2	834.1	830.9	826.8	824.6	820.6	819.2	817.8
65°	754.6	766.7	766.5	765.1	762.4	761.4	758.9	758.4	756.3	757.2	757.1
67.5°	693.2	703.8	706.1	707.7	707.6	708.3	708.0	709.1	709.1	710.6	711.5
70°	648.9	656.3	658.0	659.7	660.2	661.6	661.6	662.5	662.3	663.5	663.7
72.5°	604.1	613.7	615.5	616.9	616.9	618.3	617.5	617.3	615.4	615.0	613.7
75°	548.3	560.7	563.4	565.1	565.4	566.6	564.9	563.9	560.7	559.4	557.2
77.5°	490.1	503.0	504.9	505.5	504.5	504.7	501.2	498.7	494.7	493.0	490.9
80°	414.3	433.3	434.8	433.6	430.5	430.1	426.7	424.4	419.5	417.9	416.0
82.5°	315.2	337.4	340.5	342.0	339.5	340.1	336.8	335.5	331.1	330.2	327.3
85°	199.1	221.3	224.9	224.4	222.0	221.4	219.5	220.2	219.8	220.9	221.6
87.5°	91.4	112.9	118.2	116.4	116.2	114.7	111.3	112.5	114.6	115.9	116.0
90°	6.3	12.6	12.4	13.1	11.7	12.1	10.9	11.7	10.9	11.6	10.8
92.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.5	3.4	3.5
95°	4.0	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7
97.5°	4.4	4.3	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.0	4.0
100°	5.1	4.7	4.7	4.7	4.6	4.6	4.6	4.5	4.5	4.5	4.4
102.5°	5.8	5.5	5.3	5.2	5.1	5.1	5.1	5.0	5.0	4.8	4.8
105°	6.7	6.4	6.2	6.0	5.9	5.8	5.7	5.5	5.5	5.3	5.3
107.5°	7.9	7.3	7.0	6.8	6.7	6.6	6.4	6.3	6.1	6.0	5.9
110°	9.4	8.5	8.2	7.9	7.7	7.4	7.2	7.0	6.8	6.7	6.6



TEST NUMBER: P1444293
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CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	11.0	9.9	9.4	9.0	8.8	8.5	8.3	7.9	7.8	7.5	7.4
115°	12.9	11.6	11.0	10.5	10.2	9.8	9.4	9.2	8.8	8.5	8.3
117.5°	15.3	13.6	12.9	12.4	12.0	11.4	11.0	10.5	10.2	9.8	9.5
120°	17.9	15.9	15.1	14.5	14.0	13.4	12.9	12.4	11.9	11.4	11.0
122.5°	20.8	18.7	17.8	17.1	16.4	15.7	15.1	14.5	14.0	13.4	12.9
125°	23.9	21.7	20.6	19.9	19.3	18.6	17.9	17.1	16.5	15.9	15.3
127.5°	27.4	24.9	23.9	23.2	22.4	21.7	20.9	20.1	19.5	18.7	18.2
130°	31.2	28.6	27.4	26.6	25.9	25.1	24.4	23.6	22.8	22.1	21.4
132.5°	35.1	32.4	31.3	30.5	29.9	29.0	28.4	27.4	26.7	25.8	25.2
135°	39.3	36.3	35.2	34.4	33.9	33.1	32.4	31.6	30.9	30.1	29.5
137.5°	43.4	40.4	39.3	38.5	38.0	37.3	36.7	35.9	35.3	34.4	33.9
140°	47.5	44.4	43.4	42.8	42.4	41.6	41.1	40.5	39.9	39.3	38.5
142.5°	51.5	48.2	47.2	46.7	46.3	45.8	45.4	44.9	44.4	43.7	43.2
145°	55.4	52.0	51.0	50.4	50.2	49.8	49.4	49.0	48.6	48.1	47.7
147.5°	59.1	55.5	54.5	54.2	54.0	53.6	53.5	53.1	52.9	52.5	52.3
150°	62.9	58.8	57.6	57.4	57.2	57.0	56.9	56.6	56.5	56.3	56.1
152.5°	66.5	61.5	60.2	60.0	60.0	59.8	59.7	59.6	59.6	59.6	59.5
155°	70.0	64.7	63.2	63.0	62.9	62.8	62.7	62.7	62.7	62.7	62.8
157.5°	73.5	67.7	66.2	65.9	65.8	65.7	65.7	65.7	65.7	65.7	65.8
160°	76.8	70.9	69.3	69.0	68.9	68.8	68.6	68.5	68.5	68.5	68.6
162.5°	79.9	74.2	72.6	72.3	72.1	71.9	71.8	71.6	71.6	71.5	71.6
165°	82.8	77.7	76.2	75.9	75.7	75.5	75.3	75.2	75.1	75.0	75.0
167.5°	85.7	81.0	79.9	79.6	79.4	79.1	79.1	78.8	78.8	78.7	78.7
170°	87.7	84.2	83.0	82.9	82.9	82.7	82.5	82.5	82.4	82.2	82.2
172.5°	89.1	86.5	85.7	85.7	85.7	85.6	85.6	85.5	85.5	85.5	85.5
175°	89.9	88.3	88.0	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.0
177.5°	90.1	89.7	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6
180°	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4



TEST NUMBER: P1444293
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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°	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8
2.5°	21719.2	21744.6	21742.6	21766.2	21765.1	21787.3	21782.9	21802.2	21797.7	21814.2	21804.6
5°	22431.7	22479.8	22495.8	22539.2	22548.2	22587.1	22587.9	22618.9	22615.1	22639.2	22626.4
7.5°	23105.6	23150.6	23171.9	23205.7	23222.5	23250.5	23261.5	23284.5	23289.9	23303.6	23303.2
10°	23162.5	23162.3	23172.9	23168.2	23177.6	23172.2	23183.7	23179.6	23196.5	23192.2	23205.0
12.5°	22397.2	22321.2	22293.6	22225.3	22210.4	22151.8	22156.0	22118.5	22136.6	22113.4	22152.8
15°	20752.4	20576.2	20489.2	20336.0	20287.9	20166.8	20157.0	20076.6	20098.3	20056.2	20117.7
17.5°	18321.9	18044.6	17892.3	17668.6	17579.8	17408.5	17374.2	17270.6	17286.7	17234.5	17308.8
20°	15424.1	15088.9	14896.9	14638.2	14522.7	14318.6	14264.4	14148.6	14163.1	14111.3	14195.3
22.5°	12493.1	12142.3	11925.6	11654.4	11507.0	11315.0	11257.4	11141.1	11147.6	11099.0	11179.8
25°	9799.8	9463.4	9253.0	9006.6	8878.8	8702.8	8642.3	8537.8	8543.7	8503.5	8576.0
27.5°	7580.8	7304.9	7128.8	6922.3	6807.7	6663.0	6604.0	6516.1	6515.8	6486.4	6547.0
30°	5924.0	5693.7	5535.6	5355.9	5248.2	5117.5	5060.5	4981.9	4978.5	4957.6	5005.7
32.5°	4638.4	4433.5	4289.4	4131.1	4034.5	3922.4	3868.4	3805.2	3799.5	3780.5	3820.1
35°	3605.8	3433.2	3309.2	3176.0	3185.8	3020.5	3048.0	2919.5	2884.7	2877.2	2906.5
37.5°	2786.9	2653.2	2552.5	2452.7	2385.2	2315.3	2277.6	2243.8	2240.0	2236.8	2257.3
40°	2181.4	2087.8	2014.6	1946.2	1899.6	1857.0	1833.5	1814.9	1810.4	1808.0	1820.4
42.5°	1765.4	1702.4	1655.2	1613.4	1585.1	1561.9	1549.0	1538.7	1535.3	1535.3	1542.7
45°	1491.6	1453.3	1422.9	1397.0	1378.9	1386.8	1363.5	1375.7	1359.5	1376.3	1365.2
47.5°	1313.5	1280.9	1262.1	1243.7	1232.8	1224.0	1224.3	1224.5	1228.0	1228.5	1232.1
50°	1176.2	1157.3	1144.2	1132.5	1126.9	1122.2	1123.7	1124.9	1128.4	1128.6	1131.2
52.5°	1074.5	1062.1	1054.2	1046.9	1044.4	1041.8	1042.9	1042.4	1043.9	1043.1	1045.2
55°	991.7	985.9	983.5	980.7	981.2	980.4	980.8	978.2	976.6	974.7	976.5
57.5°	923.8	923.0	924.7	925.9	929.0	930.1	930.8	927.8	924.8	922.2	923.7
60°	871.6	872.8	876.9	880.4	884.8	886.9	888.1	886.4	884.3	882.2	883.5
62.5°	819.9	821.9	826.9	830.6	836.1	838.9	842.0	842.1	842.9	842.1	843.0
65°	760.1	762.5	766.9	770.1	775.1	777.6	780.8	781.4	783.1	782.7	784.2
67.5°	714.5	716.8	720.5	723.5	727.9	730.5	733.2	733.4	734.0	733.9	735.4
70°	665.9	667.0	670.4	672.9	677.3	680.0	683.2	684.2	686.1	686.5	688.0
72.5°	614.2	613.7	615.7	616.8	620.2	622.3	626.4	628.6	631.9	632.8	634.1
75°	557.8	557.4	559.7	560.7	563.5	565.6	570.2	573.1	578.4	580.5	580.0
77.5°	492.6	493.7	498.1	500.7	504.5	507.1	513.0	517.7	527.2	531.3	527.1
80°	419.5	420.8	425.4	427.7	432.8	435.9	442.5	448.1	456.6	458.5	456.1
82.5°	329.8	330.1	334.4	336.1	342.7	347.4	355.8	360.1	365.4	364.7	363.9
85°	224.9	227.9	233.2	238.3	246.3	254.0	261.9	268.4	263.9	271.1	262.9
87.5°	120.2	119.9	126.9	125.8	137.0	143.5	150.3	153.6	157.3	156.5	156.6
90°	11.8	11.0	12.0	11.0	12.5	11.4	13.5	12.5	15.0	13.6	16.2
92.5°	3.4	3.5	3.4	3.5	3.4	3.5	3.4	3.4	3.4	3.4	3.4
95°	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
97.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
100°	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3
102.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
105°	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
107.5°	5.9	5.8	5.7	5.7	5.5	5.5	5.5	5.5	5.5	5.5	5.5
110°	6.4	6.4	6.3	6.3	6.2	6.1	6.1	6.1	6.1	6.1	6.1



TEST NUMBER: P1444293
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	7.2	7.0	6.9	6.8	6.7	6.7	6.7	6.7	6.7	6.7	6.7
115°	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.4	7.4	7.4	7.4
117.5°	9.2	9.0	8.8	8.6	8.5	8.4	8.3	8.3	8.3	8.3	8.3
120°	10.7	10.4	10.1	9.9	9.8	9.7	9.4	9.4	9.4	9.4	9.4
122.5°	12.4	12.1	11.7	11.5	11.3	11.1	10.9	10.9	10.9	10.9	10.9
125°	14.7	14.3	13.9	13.6	13.2	13.1	12.9	12.9	12.8	12.9	12.9
127.5°	17.5	17.1	16.4	16.1	15.7	15.5	15.4	15.3	15.3	15.4	15.4
130°	20.7	20.2	19.7	19.3	18.8	18.6	18.5	18.3	18.2	18.3	18.5
132.5°	24.4	23.9	23.3	22.8	22.4	22.2	21.9	21.9	21.8	21.9	22.0
135°	28.6	28.1	27.4	27.0	26.5	26.3	26.0	26.0	25.9	26.0	26.2
137.5°	33.2	32.7	32.0	31.6	31.2	31.0	30.7	30.6	30.6	30.7	30.9
140°	37.9	37.3	36.8	36.4	36.1	35.8	35.6	35.6	35.4	35.7	35.8
142.5°	42.7	42.4	41.8	41.5	41.1	40.9	40.8	40.8	40.6	40.8	41.0
145°	47.3	46.9	46.5	46.2	46.0	45.9	45.6	45.7	45.7	45.9	46.0
147.5°	51.9	51.7	51.3	51.2	50.8	50.8	50.7	50.8	50.8	50.9	51.0
150°	55.9	55.8	55.6	55.5	55.4	55.4	55.3	55.4	55.4	55.5	55.6
152.5°	59.4	59.4	59.2	59.2	59.2	59.2	59.2	59.4	59.5	59.6	59.7
155°	62.8	62.8	62.8	62.9	62.9	63.1	63.1	63.4	63.5	63.7	63.8
157.5°	65.8	66.0	66.0	66.2	66.3	66.5	66.5	66.9	66.9	67.3	67.4
160°	68.8	68.9	69.0	69.2	69.4	69.5	69.8	70.0	70.3	70.5	70.7
162.5°	71.6	71.8	71.9	72.1	72.3	72.5	72.7	73.1	73.3	73.6	73.8
165°	75.0	75.1	75.2	75.3	75.5	75.7	75.8	76.1	76.3	76.6	76.8
167.5°	78.6	78.7	78.6	78.7	78.7	78.9	79.0	79.2	79.4	79.7	79.9
170°	82.1	82.1	82.1	82.1	82.1	82.2	82.3	82.4	82.5	82.7	82.8
172.5°	85.4	85.4	85.3	85.4	85.3	85.4	85.4	85.5	85.5	85.6	85.6
175°	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
177.5°	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.7	89.7
180°	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4



TEST NUMBER: P1444293
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CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8
2.5°	21820.6	21809.6	21820.8	21809.5	21820.8	21807.3	21816.5	21801.8	21805.5	21790.3	21794.2
5°	22645.7	22628.2	22637.5	22614.9	22617.3	22587.1	22586.6	22551.5	22542.2	22502.1	22484.6
7.5°	23312.8	23307.2	23310.3	23295.8	23294.2	23273.5	23263.7	23234.6	23216.4	23179.6	23154.3
10°	23207.2	23224.3	23228.6	23245.9	23249.6	23266.7	23270.4	23287.5	23291.0	23303.8	23304.0
12.5°	22151.0	22208.7	22222.5	22293.9	22323.8	22405.5	22449.2	22539.2	22592.6	22682.3	22737.4
15°	20116.0	20215.9	20255.8	20395.1	20472.2	20634.8	20737.0	20923.6	21055.4	21253.8	21395.2
17.5°	17315.3	17455.0	17518.1	17706.9	17830.1	18070.2	18243.1	18527.9	18745.9	19062.3	19313.1
20°	14209.6	14364.8	14450.4	14665.9	14811.3	15091.7	15307.7	15657.6	15949.4	16350.3	16693.2
22.5°	11205.1	11352.8	11447.7	11667.0	11830.7	12123.2	12364.6	12733.9	13060.8	13512.6	13923.7
25°	8603.4	8738.7	8824.6	9022.9	9176.7	9445.5	9675.9	10031.1	10350.9	10804.2	11225.7
27.5°	6577.2	6690.6	6773.3	6942.3	7078.0	7306.0	7503.9	7797.5	8073.1	8465.2	8840.6
30°	5035.4	5135.9	5216.4	5363.6	5489.4	5686.9	5861.1	6107.7	6335.7	6647.7	6946.4
32.5°	3847.9	3934.4	4006.1	4135.0	4249.1	4427.0	4583.9	4800.0	4995.8	5260.4	5506.1
35°	2933.9	3104.1	3092.0	3269.8	3298.4	3426.1	3566.0	3755.0	3928.4	4153.3	4362.5
37.5°	2277.2	2325.0	2376.3	2454.9	2537.4	2653.7	2771.9	3002.8	3087.4	3257.5	3430.6
40°	1836.3	1868.7	1902.5	1955.6	2013.5	2095.3	2181.4	2291.5	2404.4	2542.3	2683.0
42.5°	1552.4	1570.7	1592.3	1623.5	1659.1	1711.1	1768.7	1843.3	1921.8	2018.9	2117.9
45°	1387.0	1378.3	1384.8	1401.5	1423.0	1454.5	1490.9	1537.1	1588.2	1651.0	1718.0
47.5°	1232.8	1236.3	1238.2	1247.3	1258.8	1280.0	1302.0	1333.4	1394.0	1412.5	1449.0
50°	1131.0	1132.6	1132.1	1136.7	1142.5	1156.3	1170.5	1191.8	1213.0	1241.2	1268.0
52.5°	1045.6	1047.9	1047.6	1050.7	1053.8	1062.5	1071.6	1086.6	1100.4	1118.4	1133.7
55°	978.1	981.5	982.8	985.3	986.8	991.3	995.0	1002.1	1008.0	1018.2	1027.6
57.5°	926.4	930.8	932.9	933.7	931.9	931.7	930.5	932.0	933.2	938.7	943.9
60°	885.5	889.1	889.6	889.1	885.8	883.4	879.5	878.3	877.7	880.4	883.2
62.5°	842.8	844.0	843.2	842.1	838.3	836.0	832.0	830.6	829.2	831.0	832.5
65°	783.7	784.8	783.7	783.1	779.7	777.7	774.4	773.3	771.4	771.9	771.6
67.5°	735.7	736.8	736.0	735.1	732.6	731.5	729.0	727.5	725.2	724.3	722.6
70°	687.8	688.7	687.3	686.5	683.8	682.7	680.4	680.0	678.0	677.7	675.8
72.5°	632.8	632.8	630.9	630.4	628.4	628.3	627.4	628.3	628.2	629.1	628.7
75°	576.5	575.7	573.3	572.9	571.4	572.1	571.1	572.4	572.6	574.6	574.9
77.5°	520.1	517.1	512.6	510.5	507.4	507.0	505.3	506.4	506.0	508.4	509.4
80°	448.9	445.3	439.4	436.7	433.1	432.5	430.9	432.5	431.7	434.5	436.5
82.5°	358.4	355.3	349.2	347.0	342.8	343.2	341.4	343.2	343.0	347.1	349.5
85°	265.1	263.0	256.8	251.2	245.1	241.6	238.0	237.4	236.3	238.0	239.4
87.5°	153.1	151.1	146.3	143.2	132.4	132.8	128.5	128.3	127.3	126.3	128.5
90°	14.7	16.7	15.4	17.3	16.2	18.5	17.7	19.8	18.3	20.1	19.1
92.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.2	3.4
95°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
97.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
100°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.4	4.4	4.4
102.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.8	4.8	4.8
105°	5.1	5.1	5.1	5.1	5.1	5.1	5.2	5.2	5.3	5.3	5.5
107.5°	5.5	5.5	5.5	5.7	5.7	5.8	5.8	5.9	6.0	6.1	6.2
110°	6.1	6.2	6.2	6.3	6.3	6.4	6.4	6.6	6.7	6.8	7.0



TEST NUMBER: P1444293
 CATALOG NUMBER: EHBR1-24-UNV-TA-L840

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	6.7	6.7	6.8	6.9	7.0	7.1	7.2	7.4	7.6	7.8	8.0
115°	7.5	7.5	7.6	7.7	7.9	7.9	8.3	8.4	8.7	9.0	9.3
117.5°	8.4	8.5	8.6	8.7	8.9	9.2	9.4	9.8	10.1	10.4	10.9
120°	9.7	9.8	9.9	10.0	10.3	10.5	10.9	11.3	11.8	12.3	12.8
122.5°	11.1	11.3	11.5	11.7	12.1	12.4	12.9	13.4	14.0	14.5	15.1
125°	13.1	13.3	13.6	13.9	14.3	14.8	15.4	15.9	16.6	17.2	18.0
127.5°	15.6	15.9	16.2	16.6	17.2	17.7	18.3	18.9	19.7	20.4	21.2
130°	18.7	19.0	19.5	19.8	20.5	21.1	21.7	22.4	23.2	23.9	24.7
132.5°	22.4	22.7	23.2	23.6	24.3	24.9	25.7	26.3	27.1	27.8	28.7
135°	26.5	26.8	27.4	27.8	28.6	29.2	30.0	30.6	31.5	32.1	33.0
137.5°	31.3	31.6	32.0	32.5	33.2	33.8	34.6	35.2	35.9	36.6	37.3
140°	36.2	36.4	36.9	37.4	38.0	38.5	39.4	40.0	40.8	41.3	42.0
142.5°	41.4	41.6	42.0	42.5	43.1	43.5	44.2	44.6	45.3	45.8	46.5
145°	46.3	46.5	47.0	47.3	47.8	48.3	48.8	49.3	49.9	50.3	50.9
147.5°	51.3	51.6	52.0	52.3	52.8	53.2	53.6	54.0	54.6	55.0	55.4
150°	55.9	56.1	56.5	56.7	57.2	57.6	58.0	58.4	58.8	59.1	59.6
152.5°	60.1	60.3	60.6	60.8	61.2	61.5	61.9	62.3	62.7	63.0	63.4
155°	64.0	64.3	64.6	64.9	65.3	65.4	65.8	66.1	66.5	66.8	67.2
157.5°	67.7	67.9	68.3	68.4	68.8	69.1	69.4	69.6	70.0	70.3	70.6
160°	71.0	71.3	71.5	71.8	72.2	72.4	72.7	73.1	73.4	73.7	74.0
162.5°	74.2	74.5	74.8	75.0	75.3	75.7	75.9	76.2	76.6	76.8	77.2
165°	77.2	77.4	77.8	78.0	78.4	78.7	78.9	79.2	79.5	79.8	80.0
167.5°	80.2	80.3	80.7	81.0	81.3	81.5	81.8	82.1	82.4	82.5	82.9
170°	83.0	83.3	83.5	83.7	84.0	84.2	84.5	84.7	85.0	85.2	85.5
172.5°	85.7	85.9	86.1	86.1	86.3	86.5	86.7	86.8	87.0	87.2	87.3
175°	88.0	88.0	88.1	88.2	88.3	88.3	88.3	88.5	88.6	88.7	88.7
177.5°	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
180°	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4



TEST NUMBER: P1444293
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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°	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8
2.5°	21779.0	21779.9	21762.3	21761.3	21744.9	21742.8	21726.8	21721.9	21708.8	21704.2	21690.9
5°	22439.7	22418.3	22368.8	22339.8	22290.9	22258.5	22205.7	22171.2	22120.1	22081.7	22030.3
7.5°	23107.9	23074.7	23019.2	22974.2	22906.4	22852.3	22772.9	22707.9	22622.0	22547.6	22457.4
10°	23304.0	23298.8	23284.7	23264.1	23232.5	23197.1	23143.1	23086.8	23011.5	22929.7	22829.3
12.5°	22821.7	22873.7	22944.8	22986.8	23038.1	23060.5	23081.5	23076.2	23062.4	23021.0	22963.0
15°	21600.1	21746.4	21940.2	22090.3	22263.1	22388.6	22527.3	22613.7	22699.9	22739.6	22764.0
17.5°	19656.7	19933.8	20281.3	20569.2	20901.4	21168.2	21460.7	21680.9	21907.3	22069.6	22216.3
20°	17160.6	17562.0	18053.4	18487.5	18992.3	19430.9	19911.6	20306.2	20713.2	21031.3	21332.5
22.5°	14453.1	14929.9	15523.9	16074.2	16724.9	17309.7	17969.5	18543.8	19143.4	19644.3	20128.6
25°	11790.7	12313.5	12963.1	13577.1	14314.1	14994.2	15776.8	16492.5	17267.4	17940.3	18605.0
27.5°	9359.6	9872.9	10536.1	11189.6	11968.9	12693.7	13532.1	14320.6	15203.1	16016.8	16849.2
30°	7361.4	7796.7	8391.3	9024.4	9793.1	10530.6	11378.1	12189.1	13107.0	13995.5	14933.1
32.5°	5832.2	6163.9	6631.3	7166.6	7875.9	8577.9	9384.9	10167.8	11071.8	11969.3	12944.5
35°	4631.8	4890.5	5247.0	5664.7	6265.2	6870.5	7584.2	8296.2	9139.6	9991.2	10939.1
37.5°	3652.5	3862.4	4141.5	4455.3	4937.0	5433.7	6019.0	6609.3	7342.0	8096.9	8956.0
40°	2852.1	3022.2	3239.4	3473.5	3837.2	4219.9	4672.6	5130.3	5719.0	6336.0	7047.0
42.5°	2240.6	2366.0	2519.5	2690.5	3029.8	3233.0	3540.0	3871.0	4303.9	4751.8	5286.3
45°	1799.3	1884.9	1991.4	2106.1	2263.6	2435.9	2646.2	2866.6	3277.7	3479.4	3804.5
47.5°	1502.7	1560.1	1627.8	1700.1	1793.0	1893.2	2017.9	2145.3	2310.2	2481.0	2681.4
50°	1302.8	1361.2	1384.4	1421.9	1475.7	1533.0	1603.2	1673.5	1761.9	1851.5	1954.6
52.5°	1154.5	1173.6	1198.9	1222.6	1256.0	1321.1	1342.2	1379.0	1428.5	1477.1	1531.2
55°	1041.3	1053.6	1070.1	1084.5	1104.6	1123.8	1151.7	1176.1	1209.2	1238.3	1274.4
57.5°	953.1	961.0	972.4	981.9	994.9	1005.8	1022.0	1035.2	1054.3	1070.9	1092.6
60°	889.0	894.3	901.9	908.1	916.5	922.1	930.2	936.4	946.4	954.8	967.0
62.5°	836.8	839.4	844.4	848.1	853.3	856.2	860.5	863.2	868.7	873.0	879.7
65°	773.9	774.6	777.9	779.5	783.6	785.1	788.6	789.9	794.5	797.6	803.6
67.5°	722.5	721.0	721.1	719.9	720.5	719.3	719.6	718.3	720.2	721.1	725.7
70°	675.5	673.5	672.9	670.8	670.1	667.9	667.3	665.2	665.0	664.3	665.9
72.5°	629.8	629.2	629.4	627.9	627.7	626.2	626.3	625.3	626.4	626.8	628.9
75°	577.1	577.3	578.4	576.9	577.3	576.1	576.5	575.4	576.0	575.7	577.9
77.5°	513.1	514.6	517.4	516.8	517.7	516.3	516.9	515.2	515.7	514.6	515.4
80°	441.0	444.3	448.0	447.8	449.4	448.4	449.8	448.2	448.9	447.0	446.5
82.5°	355.5	358.2	362.2	362.3	365.9	366.6	370.4	370.3	372.7	371.1	370.0
85°	243.1	244.9	248.4	250.3	253.9	256.2	259.9	261.4	258.7	263.7	259.7
87.5°	126.9	131.7	129.0	135.1	133.7	139.9	138.5	144.3	143.2	148.1	147.5
90°	21.7	21.1	23.9	23.5	27.0	27.1	30.9	30.7	34.3	34.2	37.7
92.5°	3.2	3.4	3.4	3.4	3.4	3.5	3.4	3.4	3.4	3.5	3.4
95°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7
97.5°	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.2	4.2
100°	4.4	4.5	4.5	4.5	4.6	4.6	4.7	4.7	4.7	4.7	4.7
102.5°	5.0	5.0	5.1	5.1	5.1	5.2	5.3	5.5	5.5	5.5	5.5
105°	5.5	5.7	5.8	5.9	6.0	6.2	6.3	6.4	6.4	6.6	6.6
107.5°	6.4	6.4	6.7	6.7	6.9	7.1	7.3	7.4	7.6	7.7	7.8
110°	7.2	7.4	7.6	7.9	8.0	8.3	8.5	8.7	8.9	9.0	9.2



TEST NUMBER: P1444293
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CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	8.3	8.6	8.8	9.2	9.4	9.8	10.0	10.3	10.5	10.8	10.9
115°	9.7	10.0	10.4	10.8	11.1	11.5	11.8	12.1	12.4	12.8	12.9
117.5°	11.3	11.8	12.1	12.8	13.1	13.6	14.0	14.3	14.7	15.0	15.3
120°	13.3	13.9	14.4	15.0	15.5	15.9	16.4	17.0	17.3	17.7	18.0
122.5°	15.7	16.4	17.1	17.7	18.2	18.7	19.2	19.8	20.1	20.6	20.9
125°	18.6	19.3	19.9	20.6	21.2	21.8	22.3	22.8	23.3	23.9	24.3
127.5°	21.8	22.6	23.2	23.9	24.5	25.2	25.7	26.3	26.8	27.4	27.8
130°	25.4	26.2	26.9	27.5	28.2	29.0	29.4	30.1	30.6	31.2	31.7
132.5°	29.4	30.1	30.8	31.6	32.1	32.8	33.3	34.0	34.4	35.1	35.7
135°	33.6	34.3	34.9	35.7	36.2	36.8	37.3	38.0	38.5	39.3	39.8
137.5°	37.9	38.7	39.3	40.0	40.5	41.1	41.6	42.2	42.7	43.4	43.9
140°	42.5	43.1	43.6	44.3	44.7	45.3	45.8	46.3	46.8	47.3	47.7
142.5°	47.0	47.6	48.0	48.6	49.0	49.6	49.9	50.3	50.9	51.4	51.8
145°	51.4	52.0	52.3	52.8	53.1	53.6	53.9	54.4	54.6	55.1	55.4
147.5°	55.8	56.3	56.5	57.0	57.2	57.7	57.9	58.2	58.5	58.8	59.0
150°	59.8	60.3	60.5	60.8	61.1	61.5	61.6	61.9	62.1	62.3	62.6
152.5°	63.7	64.0	64.2	64.5	64.7	65.0	65.0	65.4	65.4	65.5	65.7
155°	67.3	67.7	67.9	68.2	68.3	68.5	68.5	68.8	68.8	68.9	68.9
157.5°	70.8	71.1	71.4	71.5	71.7	71.9	72.0	72.2	72.2	72.3	72.3
160°	74.2	74.5	74.7	74.9	75.1	75.2	75.3	75.5	75.6	75.6	75.6
162.5°	77.3	77.6	77.8	78.0	78.2	78.4	78.4	78.6	78.7	78.7	78.7
165°	80.3	80.5	80.7	81.0	81.0	81.3	81.4	81.5	81.5	81.7	81.7
167.5°	83.0	83.3	83.5	83.7	83.8	84.0	84.2	84.4	84.4	84.5	84.5
170°	85.6	85.7	86.0	86.1	86.2	86.3	86.4	86.5	86.5	86.6	86.6
172.5°	87.5	87.6	87.6	87.8	87.8	88.0	88.0	88.0	88.1	88.1	88.1
175°	88.7	88.8	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1
177.5°	89.7	89.7	89.7	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.5
180°	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4



TEST NUMBER: P1444293
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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8	21550.8
2.5°	21686.2	21676.8	21670.7	21662.9	21658.2	21652.2	21647.9	21644.1	21641.0	21638.3	21636.2
5°	21991.2	21942.6	21905.0	21864.3	21830.8	21797.4	21771.7	21750.4	21735.7	21724.7	21718.1
7.5°	22379.4	22290.6	22211.7	22128.7	22054.2	21981.0	21917.9	21863.5	21822.7	21796.2	21780.2
10°	22726.1	22607.4	22489.8	22366.2	22249.0	22135.2	22030.3	21938.0	21864.8	21816.3	21787.9
12.5°	22881.5	22780.3	22660.3	22526.1	22382.4	22237.0	22095.4	21967.5	21860.3	21788.3	21746.8
15°	22744.6	22703.1	22621.7	22517.4	22381.1	22230.8	22064.4	21908.1	21764.2	21670.9	21616.8
17.5°	22299.3	22357.3	22351.1	22311.2	22213.2	22086.7	21917.2	21741.5	21561.6	21436.9	21368.8
20°	21547.9	21730.2	21822.7	21870.2	21831.6	21749.6	21596.1	21417.8	21208.1	21045.3	20945.9
22.5°	20492.0	20813.8	21014.3	21161.1	21192.2	21164.3	21028.7	20859.2	20625.4	20429.6	20282.9
25°	19132.6	19604.1	19921.0	20169.5	20266.0	20290.9	20175.6	20007.0	19746.3	19518.4	19316.8
27.5°	17531.5	18144.0	18567.2	18901.1	19051.7	19117.1	19011.0	18838.9	18530.6	18258.5	17995.2
30°	15728.9	16455.7	16965.1	17365.5	17549.1	17635.5	17522.7	17330.7	16972.0	16644.5	16312.9
32.5°	13799.5	14594.9	15150.0	15584.8	15766.8	15848.1	15700.5	15484.8	15070.1	14684.4	14297.6
35°	11779.6	12582.3	13142.2	13565.3	13717.9	13766.9	13578.2	13328.9	12869.5	12446.1	12024.5
37.5°	9718.4	10465.2	10974.1	11353.9	11448.3	11456.8	11229.5	10954.1	10471.3	10053.8	9634.0
40°	7675.1	8305.0	8715.8	9019.8	9052.5	9023.3	8776.2	8499.1	8047.4	7673.3	7304.9
42.5°	5750.4	6225.8	6518.9	6727.3	6714.9	6657.2	6430.6	6192.4	5819.7	5534.9	5244.8
45°	4101.5	4415.0	4586.4	4708.3	4669.1	4614.1	4437.7	4270.8	4017.5	3833.5	3638.7
47.5°	2849.3	3223.8	3158.6	3396.9	3191.6	3327.2	3044.8	2889.1	2754.7	2656.9	2546.7
50°	2039.9	2125.7	2167.1	2195.4	2180.3	2159.6	2108.8	2063.4	2002.1	1957.3	1905.1
52.5°	1575.4	1618.2	1641.7	1658.7	1655.4	1647.8	1625.7	1605.4	1576.7	1557.8	1534.9
55°	1334.4	1335.0	1378.2	1359.7	1387.1	1355.0	1367.6	1332.1	1337.8	1307.3	1286.8
57.5°	1108.8	1126.4	1134.3	1142.0	1139.9	1138.5	1129.9	1125.6	1116.0	1113.0	1106.2
60°	975.4	984.6	986.5	990.0	987.0	985.9	979.2	976.8	970.4	969.1	964.6
62.5°	883.9	888.5	888.5	888.5	884.7	881.1	873.6	869.7	864.2	863.0	860.4
65°	807.5	812.3	813.2	814.2	811.4	808.5	802.0	797.7	792.1	789.9	786.9
67.5°	728.7	733.8	735.6	738.3	736.7	736.1	731.6	729.9	726.2	725.3	722.5
70°	666.7	668.9	668.8	668.7	665.1	662.0	656.9	654.3	650.5	649.7	647.1
72.5°	629.9	631.4	630.5	629.1	624.6	619.9	613.9	609.4	604.3	601.1	597.5
75°	578.1	580.1	578.9	578.0	573.8	570.8	565.9	563.5	559.9	558.9	556.4
77.5°	514.5	515.4	513.3	513.1	509.9	508.0	504.4	503.7	501.1	501.2	498.7
80°	443.6	443.1	439.7	439.0	435.9	435.1	432.3	432.5	430.3	431.2	429.5
82.5°	365.0	363.0	358.6	357.4	353.8	353.5	351.5	353.2	351.8	353.8	352.6
85°	261.5	262.1	260.2	260.2	259.2	259.5	259.3	260.5	260.7	262.4	262.3
87.5°	145.8	147.9	147.5	149.4	149.3	151.6	152.3	155.4	155.8	158.8	158.8
90°	37.7	41.6	41.5	45.4	45.6	49.4	50.1	54.0	54.3	57.7	57.3
92.5°	3.4	3.4	3.5	3.4	3.4	3.2	3.6	3.2	3.4	3.2	3.2
95°	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.6
97.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1
100°	4.7	4.7	4.8	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
102.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.5	5.5	5.5	5.5
105°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
107.5°	7.9	7.9	7.9	7.9	8.0	8.0	8.0	7.9	8.0	7.9	7.9
110°	9.4	9.4	9.5	9.5	9.7	9.7	9.7	9.7	9.8	9.7	9.7



TEST NUMBER: P1444293
 CATALOG NUMBER: EHBR1-24-UNV-TA-L840

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	11.1	11.3	11.4	11.4	11.6	11.6	11.7	11.7	11.8	11.7	11.8
115°	13.2	13.4	13.6	13.6	13.9	14.0	14.1	14.1	14.3	14.3	14.3
117.5°	15.6	15.9	16.1	16.3	16.5	16.6	17.0	17.1	17.1	17.1	17.2
120°	18.3	18.6	19.0	19.3	19.6	19.8	20.1	20.1	20.3	20.3	20.4
122.5°	21.4	21.7	22.2	22.4	22.8	23.2	23.4	23.6	23.8	23.8	23.9
125°	24.8	25.2	25.7	26.0	26.5	26.8	27.1	27.3	27.5	27.5	27.6
127.5°	28.5	29.0	29.5	29.9	30.5	30.7	31.1	31.3	31.6	31.6	31.6
130°	32.3	32.8	33.4	33.9	34.3	34.7	35.2	35.4	35.7	35.7	35.8
132.5°	36.3	36.8	37.4	37.9	38.5	38.8	39.4	39.6	39.9	39.9	40.0
135°	40.5	40.9	41.6	42.0	42.6	43.1	43.5	43.7	44.0	44.0	44.1
137.5°	44.5	45.0	45.5	46.0	46.5	46.9	47.3	47.6	47.8	48.0	48.0
140°	48.4	48.8	49.4	49.8	50.3	50.8	51.2	51.4	51.7	51.7	51.8
142.5°	52.3	52.6	53.2	53.5	53.9	54.2	54.6	54.8	55.0	55.1	55.1
145°	55.8	56.1	56.5	56.9	57.2	57.4	57.7	58.0	58.0	58.0	58.1
147.5°	59.4	59.6	59.8	60.0	60.4	60.6	60.7	60.8	61.1	61.1	61.1
150°	62.7	62.8	63.0	63.1	63.3	63.4	63.5	63.6	63.7	63.6	63.6
152.5°	65.7	65.8	65.9	65.9	66.0	66.0	66.0	65.9	65.9	65.8	65.7
155°	69.0	69.0	69.0	68.9	69.0	68.9	68.8	68.8	68.6	68.4	68.3
157.5°	72.3	72.2	72.3	72.2	72.1	72.0	71.9	71.6	71.5	71.3	71.1
160°	75.7	75.6	75.6	75.5	75.3	75.2	75.1	74.8	74.6	74.3	74.1
162.5°	78.7	78.7	78.7	78.6	78.4	78.4	78.2	77.9	77.7	77.4	77.2
165°	81.8	81.7	81.7	81.5	81.4	81.3	81.2	80.9	80.7	80.4	80.2
167.5°	84.5	84.5	84.4	84.2	84.2	84.0	83.8	83.6	83.4	83.1	82.9
170°	86.6	86.5	86.5	86.4	86.3	86.2	86.1	85.9	85.7	85.5	85.3
172.5°	88.0	88.0	88.0	87.8	87.8	87.7	87.6	87.5	87.2	87.1	87.0
175°	89.0	89.0	88.8	88.8	88.7	88.7	88.6	88.5	88.3	88.3	88.1
177.5°	89.5	89.5	89.4	89.4	89.3	89.3	89.2	89.1	89.1	89.1	89.0
180°	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4



TEST NUMBER: P1444293
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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	21550.8	21550.8
2.5°	21634.3	21633.2
5°	21714.7	21713.4
7.5°	21775.8	21775.5
10°	21783.1	21786.8
12.5°	21739.6	21742.6
15°	21612.7	21618.6
17.5°	21370.0	21377.8
20°	20952.0	20960.1
22.5°	20275.0	20278.4
25°	19290.8	19276.8
27.5°	17949.0	17925.0
30°	16243.2	16220.0
32.5°	14209.4	14194.9
35°	11920.2	11911.0
37.5°	9509.9	9491.3
40°	7170.1	7115.6
42.5°	5117.8	5022.2
45°	3536.8	3423.5
47.5°	2469.1	2399.1
50°	1871.5	1848.9
52.5°	1525.0	1519.7
55°	1286.7	1284.4
57.5°	1107.7	1106.9
60°	967.0	966.7
62.5°	862.1	862.5
65°	788.2	788.4
67.5°	723.3	722.7
70°	648.1	647.5
72.5°	596.3	595.4
75°	556.4	555.9
77.5°	499.6	498.6
80°	430.6	429.5
82.5°	354.3	352.9
85°	264.3	264.3
87.5°	161.6	161.5
90°	60.5	59.8
92.5°	3.4	3.6
95°	3.6	3.6
97.5°	4.1	4.1
100°	4.7	4.7
102.5°	5.5	5.5
105°	6.7	6.7
107.5°	7.9	7.9
110°	9.7	9.7



TEST NUMBER: P1444293
CATALOG NUMBER: EHBR1-24-UNV-TA-L840

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	11.7	11.7
115°	14.1	14.1
117.5°	17.1	17.1
120°	20.2	20.2
122.5°	23.7	23.6
125°	27.4	27.4
127.5°	31.5	31.3
130°	35.4	35.4
132.5°	39.8	39.6
135°	43.9	43.7
137.5°	47.7	47.6
140°	51.6	51.4
142.5°	55.0	54.9
145°	58.0	57.9
147.5°	60.7	60.7
150°	63.4	63.2
152.5°	65.4	65.3
155°	68.0	67.7
157.5°	70.7	70.4
160°	73.7	73.4
162.5°	76.8	76.5
165°	79.8	79.5
167.5°	82.5	82.4
170°	85.0	84.9
172.5°	86.8	86.6
175°	88.0	88.0
177.5°	89.0	88.8
180°	89.4	89.4



TEST NUMBER: P1444293
 CATALOG NUMBER: EHBR1-24-UNV-TA-L840

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	16.49	17.66	16.87	17.99	18.32	14.87	16.04	15.25	16.37	16.70
	3H	18.14	19.17	18.53	19.52	19.90	17.42	18.46	17.82	18.81	19.19
	4H	19.01	19.98	19.43	20.34	20.74	18.63	19.60	19.05	19.97	20.37
	6H	19.90	20.79	20.33	21.18	21.59	19.82	20.71	20.25	21.10	21.51
	8H	20.30	21.14	20.75	21.55	21.97	20.36	21.20	20.81	21.61	22.03
	12H	20.66	21.46	21.10	21.86	22.31	20.85	21.65	21.29	22.05	22.50
4H	2H	16.92	17.88	17.33	18.25	18.65	15.65	16.61	16.06	16.98	17.38
	3H	18.91	19.71	19.34	20.13	20.55	18.40	19.20	18.83	19.62	20.04
	4H	20.01	20.73	20.46	21.16	21.62	19.77	20.48	20.21	20.92	21.38
	6H	21.11	21.73	21.59	22.19	22.68	21.11	21.73	21.58	22.19	22.67
	8H	21.60	22.18	22.08	22.64	23.12	21.71	22.29	22.20	22.75	23.24
	12H	22.03	22.54	22.53	23.04	23.53	22.27	22.78	22.77	23.28	23.77
8H	4H	20.46	21.04	20.95	21.50	21.99	20.25	20.83	20.74	21.29	21.78
	6H	21.80	22.27	22.32	22.78	23.28	21.79	22.26	22.30	22.77	23.27
	8H	22.43	22.85	22.97	23.38	23.89	22.52	22.94	23.05	23.47	23.98
	12H	23.02	23.39	23.55	23.89	24.48	23.22	23.59	23.75	24.09	24.68
12H	4H	20.54	21.05	21.04	21.54	22.03	20.34	20.85	20.84	21.34	21.84
	6H	21.96	22.38	22.49	22.91	23.42	21.94	22.36	22.48	22.89	23.40
	8H	22.69	23.06	23.22	23.57	24.16	22.76	23.13	23.29	23.64	24.23

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: SP1-2506-472-1

Test Date: 07/30/2025

Luminaire Tested: EHBR-60-L840-N

Data in this report applies to families of products including EHBR-60-L840-N

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-472-1
 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-L840-N**
 Description: Elevate Round Highbay at, 60000 lumens, 4000K 80CRI LEDs with N lens

Spectral Parameters

CCT (K): 3898
 CIE u': 0.2263
 CIE v': 0.5052
 Duv: 0.0013
 CIE x: 0.3861
 CIE y: 0.3831
 CIE z: 0.2308
 Peak Wavelength (nm): 630
 Dominant Wavelength (nm): 578
 Purity: 30.85729
 Rf: 80.7
 Rg: 102.1

CRI (Ra):	82.1		
R1:	84.4	R9:	38.5
R2:	83.5	R10:	58.9
R3:	80.8	R11:	83.6
R4:	83.9	R12:	54.2
R5:	82.1	R13:	82.8
R6:	77.3	R14:	88.2
R7:	86.4	R15:	81.2
R8:	78.3		



Test Conditions

Stabilization Time: 42M
 Operation Time: 1H 42M
 Sphere Temperature (°C): 25.0

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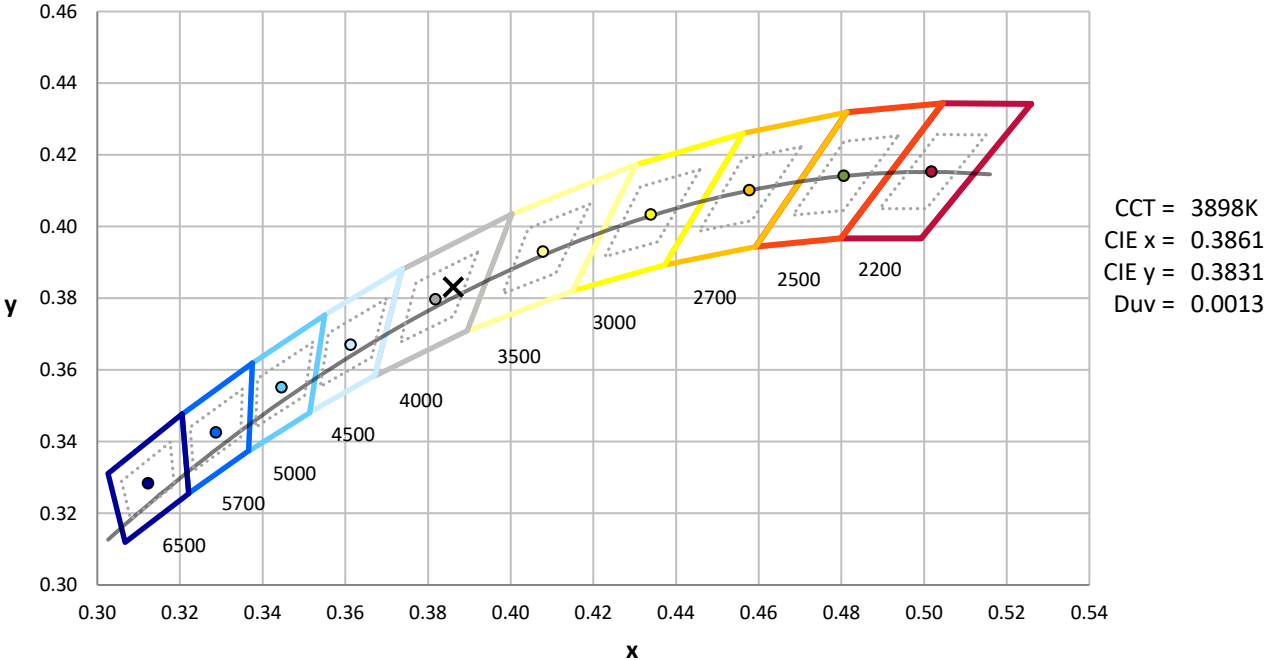
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	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 4000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-1

Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	60	NR	620	277	NR	750	6	NR	880	0	NR
365	0	NR	495	87	NR	625	278	NR	755	5	NR	885	0	NR
370	0	NR	500	124	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	168	NR	635	623	NR	765	4	NR	895	0	NR
380	1	NR	510	209	NR	640	162	NR	770	3	NR	900	0	NR
385	1	NR	515	246	NR	645	158	NR	775	3	NR	905	0	NR
390	2	NR	520	273	NR	650	134	NR	780	2	NR	910	0	NR
395	4	NR	525	292	NR	655	109	NR	785	2	NR	915	0	NR
400	5	NR	530	305	NR	660	91	NR	790	2	NR	920	0	NR
405	7	NR	535	313	NR	665	75	NR	795	2	NR	925	0	NR
410	11	NR	540	319	NR	670	70	NR	800	1	NR	930	0	NR
415	21	NR	545	323	NR	675	56	NR	805	1	NR	935	0	NR
420	42	NR	550	326	NR	680	47	NR	810	1	NR	940	0	NR
425	76	NR	555	330	NR	685	41	NR	815	1	NR	945	0	NR
430	125	NR	560	333	NR	690	35	NR	820	1	NR	950	0	NR
435	193	NR	565	336	NR	695	30	NR	825	1	NR	955	0	NR
440	302	NR	570	336	NR	700	26	NR	830	1	NR	960	0	NR
445	432	NR	575	335	NR	705	22	NR	835	1	NR	965	0	NR
450	380	NR	580	332	NR	710	19	NR	840	0	NR	970	0	NR
455	213	NR	585	326	NR	715	16	NR	845	0	NR	975	0	NR
460	147	NR	590	319	NR	720	14	NR	850	0	NR	980	0	NR
465	104	NR	595	307	NR	725	12	NR	855	0	NR	985	0	NR
470	65	NR	600	299	NR	730	10	NR	860	0	NR	990	0	NR
475	50	NR	605	291	NR	735	9	NR	865	0	NR	995	0	NR
480	46	NR	610	317	NR	740	8	NR	870	0	NR	1000	0	NR
485	47	NR	615	336	NR	745	7	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-1

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.55

λ (nm)	Power W^{\wedge}/nm	Lumens (ϕ/nm)	λ (nm)	Power W^{\wedge}/nm	Lumens (ϕ/nm)	λ (nm)	Power W^{\wedge}/nm	Lumens (ϕ/nm)	λ (nm)	Power W^{\wedge}/nm	Lumens (ϕ/nm)	λ (nm)	Power W^{\wedge}/nm	Lumens (ϕ/nm)
360	0	NR	490	60	NR	620	277	NR	750	6	NR	880	0	NR
365	0	NR	495	87	NR	625	278	NR	755	5	NR	885	0	NR
370	0	NR	500	124	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	168	NR	635	623	NR	765	4	NR	895	0	NR
380	1	NR	510	209	NR	640	162	NR	770	3	NR	900	0	NR
385	1	NR	515	246	NR	645	158	NR	775	3	NR	905	0	NR
390	2	NR	520	273	NR	650	134	NR	780	2	NR	910	0	NR
395	4	NR	525	292	NR	655	109	NR	785	2	NR	915	0	NR
400	5	NR	530	305	NR	660	91	NR	790	2	NR	920	0	NR
405	7	NR	535	313	NR	665	75	NR	795	2	NR	925	0	NR
410	11	NR	540	319	NR	670	70	NR	800	1	NR	930	0	NR
415	21	NR	545	323	NR	675	56	NR	805	1	NR	935	0	NR
420	42	NR	550	326	NR	680	47	NR	810	1	NR	940	0	NR
425	76	NR	555	330	NR	685	41	NR	815	1	NR	945	0	NR
430	125	NR	560	333	NR	690	35	NR	820	1	NR	950	0	NR
435	193	NR	565	336	NR	695	30	NR	825	1	NR	955	0	NR
440	302	NR	570	336	NR	700	26	NR	830	1	NR	960	0	NR
445	432	NR	575	335	NR	705	22	NR	835	1	NR	965	0	NR
450	380	NR	580	332	NR	710	19	NR	840	0	NR	970	0	NR
455	213	NR	585	326	NR	715	16	NR	845	0	NR	975	0	NR
460	147	NR	590	319	NR	720	14	NR	850	0	NR	980	0	NR
465	104	NR	595	307	NR	725	12	NR	855	0	NR	985	0	NR
470	65	NR	600	299	NR	730	10	NR	860	0	NR	990	0	NR
475	50	NR	605	291	NR	735	9	NR	865	0	NR	995	0	NR
480	46	NR	610	317	NR	740	8	NR	870	0	NR	1000	0	NR
485	47	NR	615	336	NR	745	7	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.99

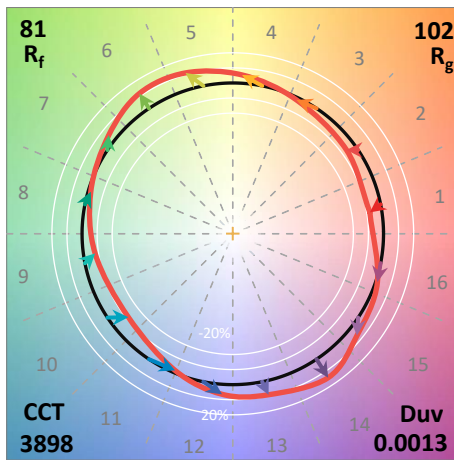
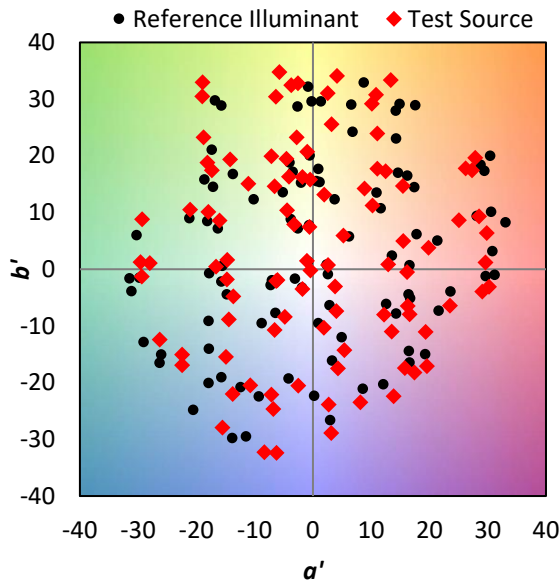
λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)
360	0	NR	490	60	NR	620	277	NR	750	6	NR	880	0	NR
365	0	NR	495	87	NR	625	278	NR	755	5	NR	885	0	NR
370	0	NR	500	124	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	168	NR	635	623	NR	765	4	NR	895	0	NR
380	1	NR	510	209	NR	640	162	NR	770	3	NR	900	0	NR
385	1	NR	515	246	NR	645	158	NR	775	3	NR	905	0	NR
390	2	NR	520	273	NR	650	134	NR	780	2	NR	910	0	NR
395	4	NR	525	292	NR	655	109	NR	785	2	NR	915	0	NR
400	5	NR	530	305	NR	660	91	NR	790	2	NR	920	0	NR
405	7	NR	535	313	NR	665	75	NR	795	2	NR	925	0	NR
410	11	NR	540	319	NR	670	70	NR	800	1	NR	930	0	NR
415	21	NR	545	323	NR	675	56	NR	805	1	NR	935	0	NR
420	42	NR	550	326	NR	680	47	NR	810	1	NR	940	0	NR
425	76	NR	555	330	NR	685	41	NR	815	1	NR	945	0	NR
430	125	NR	560	333	NR	690	35	NR	820	1	NR	950	0	NR
435	193	NR	565	336	NR	695	30	NR	825	1	NR	955	0	NR
440	302	NR	570	336	NR	700	26	NR	830	1	NR	960	0	NR
445	432	NR	575	335	NR	705	22	NR	835	1	NR	965	0	NR
450	380	NR	580	332	NR	710	19	NR	840	0	NR	970	0	NR
455	213	NR	585	326	NR	715	16	NR	845	0	NR	975	0	NR
460	147	NR	590	319	NR	720	14	NR	850	0	NR	980	0	NR
465	104	NR	595	307	NR	725	12	NR	855	0	NR	985	0	NR
470	65	NR	600	299	NR	730	10	NR	860	0	NR	990	0	NR
475	50	NR	605	291	NR	735	9	NR	865	0	NR	995	0	NR
480	46	NR	610	317	NR	740	8	NR	870	0	NR	1000	0	NR
485	47	NR	615	336	NR	745	7	NR	875	0	NR			

Summary

$R_f = 80.7$
 $R_g = 102.1$
 CIE $R_a = 82.1$
 $R_9 = 38.5$

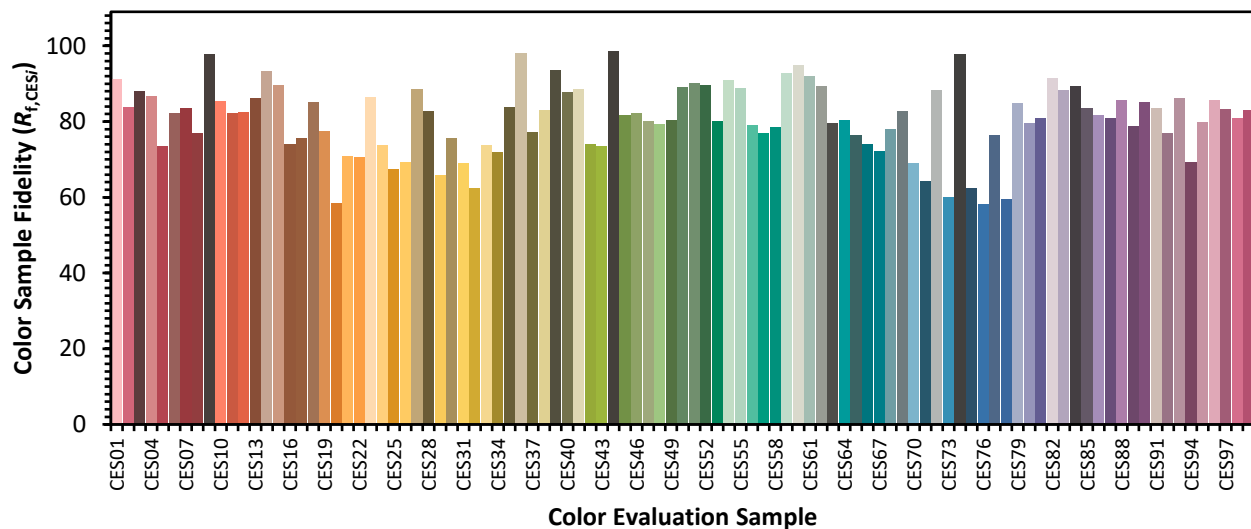


Color Vector Graphics

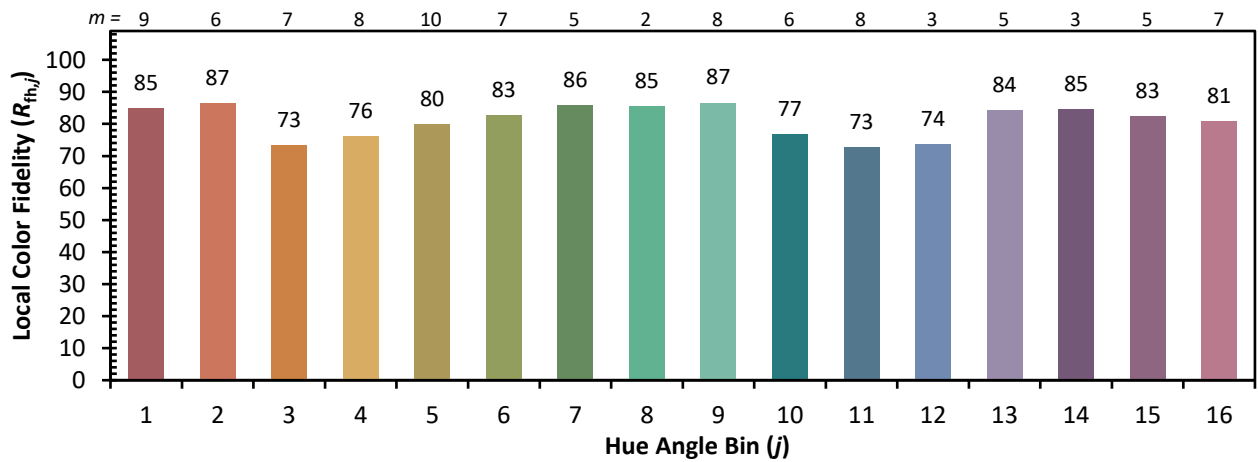


Individual Sample Fidelity Index ($R_{f,i}$)

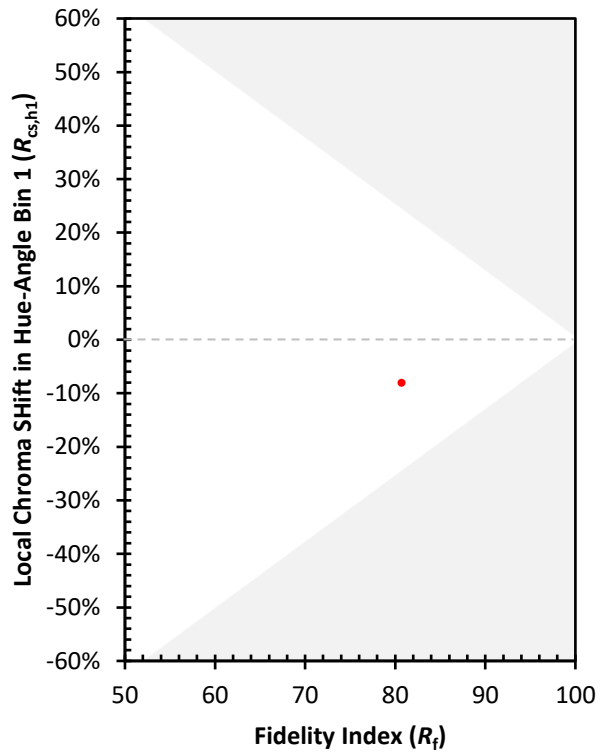
CES01 = 85	CES26 = 69	CES51 = 90	CES76 = 58
CES02 = 61	CES27 = 89	CES52 = 90	CES77 = 76
CES03 = 31	CES28 = 83	CES53 = 80	CES78 = 60
CES04 = 69	CES29 = 66	CES54 = 91	CES79 = 85
CES05 = 48	CES30 = 76	CES55 = 89	CES80 = 79
CES06 = 50	CES31 = 69	CES56 = 79	CES81 = 81
CES07 = 41	CES32 = 62	CES57 = 77	CES82 = 91
CES08 = 40	CES33 = 74	CES58 = 79	CES83 = 88
CES09 = 29	CES34 = 72	CES59 = 93	CES84 = 89
CES10 = 74	CES35 = 84	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 92	CES86 = 82
CES12 = 63	CES37 = 77	CES62 = 89	CES87 = 81
CES13 = 43	CES38 = 83	CES63 = 80	CES88 = 86
CES14 = 74	CES39 = 94	CES64 = 80	CES89 = 79
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 85
CES16 = 47	CES41 = 89	CES66 = 74	CES91 = 83
CES17 = 49	CES42 = 74	CES67 = 72	CES92 = 77
CES18 = 56	CES43 = 73	CES68 = 78	CES93 = 86
CES19 = 71	CES44 = 98	CES69 = 83	CES94 = 69
CES20 = 65	CES45 = 82	CES70 = 69	CES95 = 80
CES21 = 86	CES46 = 82	CES71 = 64	CES96 = 86
CES22 = 78	CES47 = 80	CES72 = 88	CES97 = 83
CES23 = 91	CES48 = 79	CES73 = 60	CES98 = 81
CES24 = 90	CES49 = 80	CES74 = 98	CES99 = 83
CES25 = 71	CES50 = 89	CES75 = 62	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)