

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: P1444769

Luminaire Tested: EHBR1-48-UNV-TA-L935

Issue Date: 5/1/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1444769  
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: EHBR1-48-UNV-TA-L935  
Description: Elevate Round Highbay at, 48000 lumens, 3500K 90CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

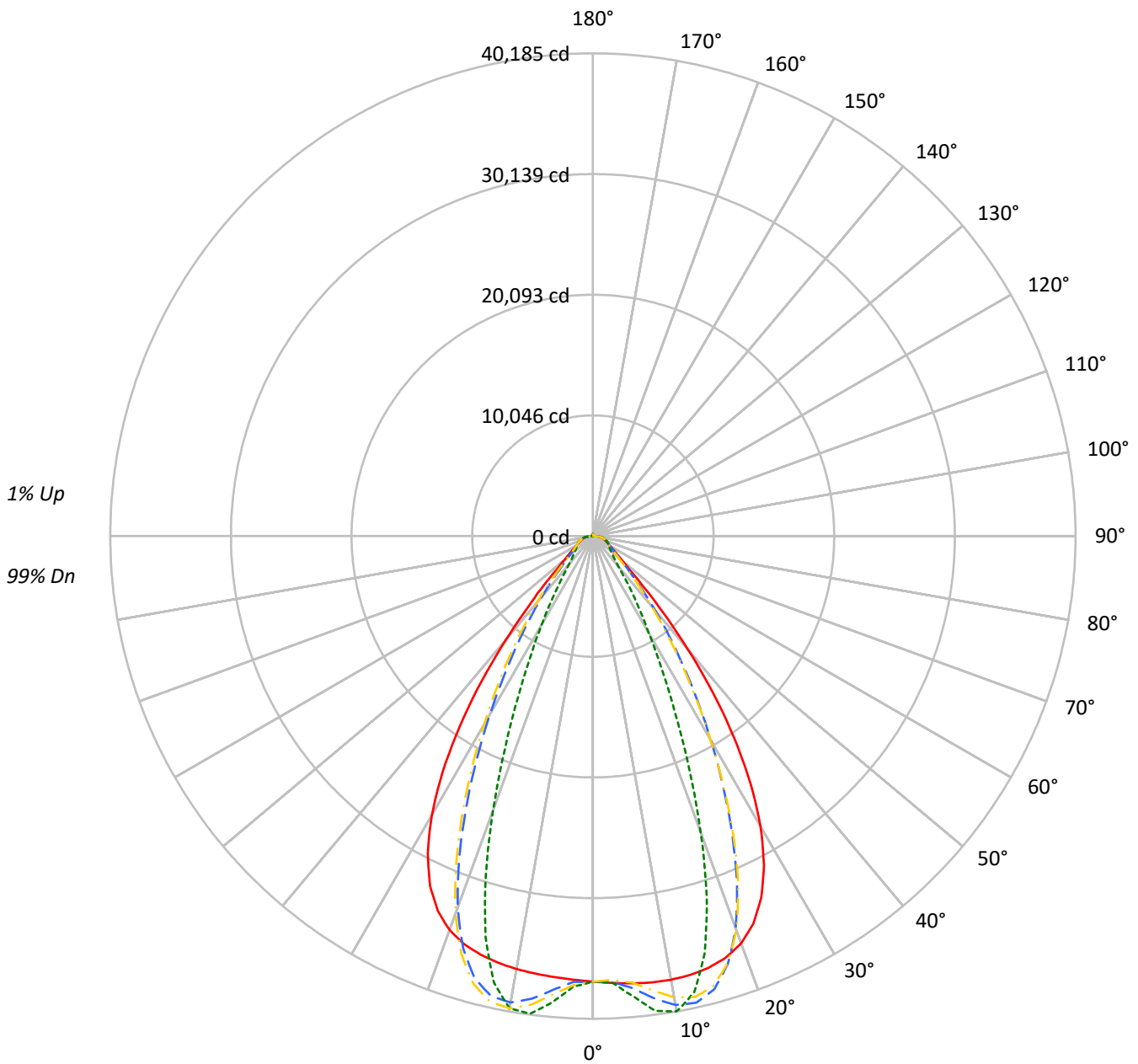
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 42945.5 lumens  
Efficiency: N/A  
Efficacy: 166.1 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): 258.6  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

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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				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°	174196	174196	174196	174196
5°	176181	181318	173715	183693
10°	178820	191622	174532	190355
15°	180908	174875	175401	167834
20°	180295	131190	174394	121382
25°	171923	83586	166241	75839
30°	151389	50631	145525	46272
35°	117532	32050	110772	28390
40°	75082	20302	68693	19078
45°	39135	15995	38487	15732
50°	23250	14417	22537	14192
55°	18100	13860	17431	13735
60°	15629	14448	14963	14261
65°	15079	15499	14501	14971
70°	15303	16858	14541	16224
75°	17359	18968	16421	18128
80°	19993	23379	18127	21340
85°	24511	29365	19807	25141

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 25°  
 Vertical Angle: 45°  
 Luminance: 59891 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	3655.7	8.5
10°-20°	10283.8	23.9
20°-30°	11712.4	27.3
30°-40°	8418.4	19.6
40°-50°	3882.5	9.0
50°-60°	1858.0	4.3
60°-70°	1355.7	3.2
70°-80°	1029.9	2.4
80°-90°	468.5	1.1
90°-100°	15.2	0.0
100°-110°	11.0	0.0
110°-120°	18.8	0.0
120°-130°	31.4	0.1
130°-140°	46.1	0.1
140°-150°	54.8	0.1
150°-160°	51.6	0.1
160°-170°	37.7	0.1
170°-180°	14.2	0.0
0°-30°	25651.9	59.7
0°-40°	34070.3	79.3
0°-60°	39810.8	92.7
0°-90°	42664.8	99.3
90°-120°	44.9	0.1
90°-150°	177.2	0.4
90°-180°	281.0	0.7
0°-180°	42945.5	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	37094	37094	37094	37094	37094	
5°	37374	38463	36851	38967	37374	3571
15°	37210	35970	36078	34521	37210	10484
25°	33180	16132	32083	14636	33180	15041
35°	20502	5590	19322	4952	20502	12582
45°	5893	2408	5795	2369	5893	5012
55°	2211	1693	2129	1678	2211	2041
65°	1357	1395	1305	1347	1357	1355
75°	957	1045	905	999	957	995
85°	455	545	368	467	455	427
90°	103	136	15	23	103	67
95°	6	6	6	6	6	6
105°	11	8	12	9	11	12
115°	24	12	25	13	24	25
125°	47	21	49	22	47	42
135°	75	41	78	45	75	58
145°	100	73	102	79	100	62
155°	117	105	119	110	117	54
165°	137	129	139	132	137	38
175°	151	150	153	152	151	14
180°	154	154	154	154	154	



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**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8
2.5°	37235.5	37232.5	37231.9	37229.4	37228.6	37228.6	37227.4	37224.4	37222.5	37218.2	37213.4
5°	37373.7	37372.0	37373.0	37373.3	37370.7	37364.9	37355.8	37344.7	37330.6	37317.5	37305.6
7.5°	37480.5	37483.1	37486.4	37485.7	37477.6	37464.0	37445.4	37435.0	37441.2	37461.4	37507.6
10°	37500.0	37516.0	37522.1	37520.2	37504.0	37492.3	37496.8	37536.2	37614.4	37718.7	37861.4
12.5°	37424.0	37443.5	37442.8	37436.4	37420.7	37436.6	37493.6	37610.6	37778.2	37984.1	38225.4
15°	37210.5	37235.8	37228.6	37220.2	37209.8	37262.2	37375.8	37579.0	37838.1	38128.3	38425.4
17.5°	36796.0	36826.5	36811.6	36802.2	36793.4	36891.6	37086.9	37384.4	37710.6	38038.9	38320.5
20°	36077.1	36097.5	36062.2	36045.5	36059.6	36251.9	36539.7	36919.6	37263.4	37573.9	37766.3
22.5°	34903.6	34929.1	34862.7	34855.0	34937.0	35232.4	35596.4	36021.2	36344.3	36590.3	36664.5
25°	33179.7	33204.8	33125.9	33173.0	33312.4	33714.8	34148.4	34602.7	34878.4	35060.7	35010.3
27.5°	30852.9	30875.7	30800.9	30897.1	31117.5	31646.2	32156.6	32649.4	32895.0	33022.7	32861.0
30°	27918.2	27965.6	27877.2	28011.6	28348.0	29034.3	29619.0	30171.7	30416.7	30513.8	30262.0
32.5°	24432.7	24500.2	24402.7	24602.6	25072.0	25896.5	26560.7	27178.2	27449.2	27560.1	27275.7
35°	20501.5	20598.2	20486.5	20786.5	21365.3	22283.6	23019.0	23708.5	24029.3	24186.7	23900.0
37.5°	16336.6	16428.8	16368.3	16768.5	17404.2	18356.0	19106.7	19850.4	20212.8	20448.9	20222.8
40°	12247.6	12332.0	12377.7	12835.4	13433.2	14330.3	15051.3	15787.3	16192.7	16488.9	16349.5
42.5°	8644.4	8729.5	8885.1	9326.7	9825.2	10567.8	11185.5	11846.2	12233.4	12549.5	12495.7
45°	5892.7	5991.6	6186.4	6548.0	6908.6	7441.3	7894.9	8408.7	8725.0	9014.6	9018.0
47.5°	4129.3	4198.8	4372.9	4619.8	4854.9	5218.8	5549.2	5801.7	6014.3	6230.7	6258.7
50°	3182.4	3224.2	3316.5	3454.2	3587.3	3760.5	3919.0	4102.0	4232.8	4351.5	4379.7
52.5°	2615.8	2642.2	2689.3	2763.8	2841.1	2935.2	3020.1	3120.5	3191.7	3255.3	3268.6
55°	2210.7	2232.7	2302.7	2316.8	2405.2	2422.3	2460.0	2521.1	2562.6	2600.6	2610.0
57.5°	1905.1	1921.1	1935.9	1967.6	1994.9	2034.4	2066.3	2110.2	2136.3	2163.9	2166.2
60°	1664.0	1675.5	1686.1	1708.2	1726.6	1754.2	1776.1	1806.0	1824.7	1845.3	1847.6
62.5°	1484.6	1492.8	1499.9	1514.4	1527.6	1548.8	1566.2	1591.2	1608.6	1624.5	1628.1
65°	1357.0	1363.0	1367.6	1378.6	1390.1	1408.2	1423.9	1444.3	1457.1	1469.3	1472.0
67.5°	1244.0	1249.7	1254.5	1264.5	1272.5	1285.9	1296.5	1311.8	1321.4	1331.1	1331.4
70°	1114.5	1119.9	1123.4	1132.8	1139.3	1150.8	1159.3	1173.1	1182.9	1193.8	1196.5
72.5°	1024.9	1028.0	1032.9	1041.4	1050.3	1062.7	1074.1	1088.4	1100.4	1111.6	1116.4
75°	956.7	960.4	963.5	970.9	977.0	987.4	996.0	1009.0	1019.5	1031.6	1037.5
77.5°	858.3	862.6	865.3	872.5	877.9	887.9	894.3	906.0	914.5	925.5	930.8
80°	739.3	743.3	745.3	752.2	756.4	765.6	771.7	783.1	790.2	801.2	807.6
82.5°	607.5	611.3	612.4	618.9	621.3	628.8	633.3	644.9	653.6	668.0	677.8
85°	454.9	456.2	458.5	456.8	466.0	466.6	477.0	479.0	492.7	496.3	512.0
87.5°	278.2	282.2	284.3	290.7	293.4	299.7	301.6	308.3	312.0	319.8	323.4
90°	103.0	108.3	109.4	115.9	116.8	122.4	123.1	129.5	130.6	137.3	138.4
92.5°	6.2	6.2	6.1	6.4	6.4	7.3	7.7	8.0	8.1	8.8	9.0
95°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.2
97.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.0	7.0
100°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.0
102.5°	9.6	9.6	9.6	9.6	9.6	9.5	9.6	9.5	9.5	9.5	9.2
105°	11.4	11.2	11.4	11.2	11.2	11.2	11.2	11.0	11.0	10.9	10.9
107.5°	13.6	13.5	13.5	13.5	13.5	13.3	13.3	13.2	13.1	12.8	12.8
110°	16.7	16.4	16.4	16.2	16.0	16.0	16.0	15.5	15.5	15.2	15.1



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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°	20.2	19.9	19.8	19.7	19.5	19.1	18.9	18.7	18.6	18.1	17.9
115°	24.3	24.0	23.9	23.5	23.4	22.9	22.7	22.3	22.0	21.5	21.2
117.5°	29.3	28.9	28.5	28.3	27.7	27.4	26.9	26.4	25.8	25.3	24.9
120°	34.8	34.3	34.0	33.3	32.9	32.2	31.7	31.1	30.4	29.5	29.2
122.5°	40.7	40.2	39.9	39.1	38.5	37.7	37.2	36.0	35.4	34.6	33.8
125°	47.1	46.5	46.2	45.4	44.5	43.7	42.9	42.0	41.1	40.0	39.2
127.5°	53.9	53.4	52.7	51.8	51.0	50.0	49.1	47.9	47.1	45.8	45.0
130°	60.9	60.4	59.6	58.7	57.9	56.7	55.6	54.5	53.5	52.1	51.0
132.5°	68.1	67.5	66.8	65.9	64.9	63.5	62.5	61.0	59.9	58.7	57.5
135°	75.2	74.4	73.9	72.9	71.9	70.5	69.2	67.9	66.7	65.2	64.1
137.5°	81.9	81.2	80.6	79.5	78.5	76.9	75.9	74.4	73.1	71.6	70.4
140°	88.4	87.7	86.9	85.7	84.8	83.6	82.2	80.8	79.5	77.9	76.9
142.5°	94.4	93.6	92.9	91.8	90.9	89.5	88.3	86.7	85.5	84.0	82.9
145°	99.7	99.0	98.3	97.3	96.3	94.9	93.7	92.3	91.2	89.7	88.5
147.5°	104.5	103.8	103.2	102.3	101.4	100.1	99.0	97.6	96.5	95.3	94.3
150°	108.8	108.2	107.7	106.9	105.9	104.8	103.7	102.6	101.4	100.2	99.2
152.5°	112.3	111.7	111.2	110.4	109.6	108.3	107.7	106.4	105.4	104.3	103.4
155°	116.6	115.9	115.2	114.6	113.7	112.7	111.8	110.8	109.9	108.9	108.0
157.5°	121.3	120.5	119.9	118.9	118.4	117.4	116.6	115.6	114.8	113.9	113.1
160°	126.3	125.6	125.0	124.2	123.4	122.4	121.6	120.7	120.2	119.2	118.5
162.5°	131.7	130.9	130.1	129.3	128.7	127.7	127.1	126.3	125.6	124.7	124.0
165°	136.8	136.2	135.6	134.9	134.1	133.5	132.8	132.0	131.3	130.4	129.9
167.5°	141.8	141.2	140.8	140.1	139.4	138.8	138.1	137.5	137.0	136.2	135.7
170°	146.0	145.3	144.9	144.5	143.9	143.4	142.9	142.4	141.8	141.3	140.9
172.5°	149.0	148.5	148.2	147.9	147.4	147.1	146.6	146.3	146.0	145.5	145.3
175°	151.4	150.9	150.8	150.5	150.3	150.0	149.8	149.5	149.5	149.2	148.9
177.5°	152.9	152.7	152.7	152.6	152.6	152.4	152.4	152.1	151.9	151.9	151.8
180°	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8



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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°	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8
2.5°	37209.8	37205.3	37199.1	37191.2	37184.5	37176.7	37158.1	37152.6	37158.8	37162.9	37171.5
5°	37298.2	37300.8	37301.8	37318.6	37333.2	37369.7	37655.1	37768.5	37856.2	37911.9	37996.4
7.5°	37564.8	37650.5	37735.4	37849.5	37947.9	38080.9	38580.2	38792.7	38943.8	39052.4	39186.0
10°	38016.5	38203.8	38379.3	38585.0	38761.8	38964.3	39429.0	39636.1	39766.8	39862.0	39950.8
12.5°	38471.6	38731.2	38965.9	39194.8	39386.2	39561.7	39725.1	39797.6	39803.8	39806.8	39759.7
15°	38708.6	38956.8	39163.6	39314.9	39427.4	39477.2	39195.7	39048.1	38861.6	38707.9	38455.0
17.5°	38559.0	38707.9	38797.2	38788.4	38741.9	38586.3	37789.3	37350.8	36915.6	36523.4	36009.1
20°	37894.0	37882.6	37804.9	37584.8	37319.6	36907.3	35540.7	34752.3	33990.1	33320.6	32508.3
22.5°	36656.8	36462.3	36190.8	35716.3	35189.0	34468.6	32510.3	31350.6	30289.3	29351.9	28301.8
25°	34864.4	34463.9	33963.3	33210.0	32390.7	31339.8	28926.2	27483.6	26209.6	25104.5	23892.8
27.5°	32570.3	31967.1	31233.6	30190.8	29080.8	27734.6	25058.6	23466.7	22098.9	20914.2	19624.6
30°	29854.4	29069.9	28122.7	26828.4	25489.6	23962.7	21248.7	19636.3	18251.8	17033.0	15742.4
32.5°	26785.2	25866.3	24756.3	23303.8	21855.9	20285.9	17664.9	16104.1	14781.6	13609.1	12441.0
35°	23400.0	22414.6	21240.3	19758.7	18319.5	16793.1	14388.2	12980.8	11813.0	10776.6	9833.4
37.5°	19768.8	18801.3	17685.1	16288.7	14954.2	13571.0	11495.9	10316.6	9336.5	8476.4	7748.0
40°	15993.3	15146.6	14180.9	12973.7	11834.8	10682.8	8979.4	8043.3	7269.9	6613.8	6068.1
42.5°	12264.1	11607.9	10867.3	9913.4	9041.8	8164.8	6853.7	6160.0	5587.2	5115.0	4729.1
45°	8898.0	8459.0	7962.4	7299.2	6696.1	6084.3	5151.1	4663.8	4290.7	3986.2	3728.7
47.5°	6220.1	5965.5	5950.1	5337.2	4894.9	4520.9	3919.7	3611.8	3383.2	3198.7	3035.7
50°	4368.2	4245.1	4092.1	3873.3	3668.1	3456.6	3090.4	2904.2	2770.4	2658.6	2555.5
52.5°	3265.6	3201.6	3120.1	3004.1	2892.8	2773.9	2542.2	2423.7	2381.6	2277.5	2195.9
55°	2608.3	2571.6	2525.2	2457.1	2389.4	2362.3	2163.7	2075.7	2020.0	1979.0	1935.1
57.5°	2166.6	2139.2	2111.7	2065.5	2026.4	1979.0	1873.5	1828.4	1795.3	1771.1	1740.7
60°	1848.1	1831.7	1816.3	1789.2	1768.1	1742.5	1675.5	1650.1	1632.8	1618.3	1598.9
62.5°	1631.1	1622.8	1614.8	1600.3	1589.6	1575.7	1530.0	1517.7	1509.0	1501.8	1489.9
65°	1474.5	1468.5	1464.1	1454.5	1449.1	1441.0	1401.7	1393.5	1388.0	1385.5	1378.6
67.5°	1332.3	1326.0	1323.1	1316.2	1314.0	1308.9	1276.7	1272.2	1270.4	1271.2	1268.8
70°	1199.2	1196.5	1198.0	1196.8	1199.9	1200.8	1181.3	1181.2	1183.2	1187.4	1187.7
72.5°	1119.4	1119.4	1120.9	1121.7	1124.6	1125.9	1109.7	1108.9	1109.8	1112.9	1113.0
75°	1043.5	1044.8	1048.9	1050.3	1053.7	1054.4	1032.9	1030.5	1030.7	1033.5	1032.6
77.5°	938.5	943.0	950.9	955.0	961.6	962.9	938.8	936.0	936.1	939.0	936.5
80°	819.3	828.0	840.5	849.1	859.4	863.5	838.7	832.8	827.3	826.5	821.6
82.5°	692.7	703.3	718.3	726.2	737.0	739.5	698.1	690.3	685.5	686.0	681.5
85°	528.8	536.8	550.4	554.9	561.6	561.0	513.7	493.5	498.9	490.5	497.1
87.5°	331.7	336.4	344.9	346.0	349.2	348.5	300.9	291.6	288.8	288.9	285.5
90°	144.7	146.6	152.6	151.4	154.9	152.9	113.0	107.2	105.0	108.0	104.5
92.5°	9.5	9.5	9.9	10.1	10.4	10.7	6.6	5.5	5.9	5.6	6.2
95°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.1	6.1
97.5°	7.0	7.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.6	6.6
100°	8.0	8.0	7.8	7.8	7.7	7.7	7.7	7.7	7.7	7.4	7.4
102.5°	9.1	9.1	9.0	8.8	8.7	8.7	8.8	8.8	8.7	8.4	8.2
105°	10.7	10.6	10.4	10.1	9.9	9.8	10.1	9.9	9.8	9.6	9.5
107.5°	12.5	12.4	12.0	11.7	11.5	11.2	11.7	11.5	11.2	10.9	10.7
110°	14.9	14.4	14.1	13.8	13.3	13.1	13.6	13.3	13.1	12.7	12.4



TEST NUMBER: P1444769  
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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°	17.3	17.0	16.7	16.0	15.5	15.1	16.0	15.8	15.2	14.6	14.3
115°	20.5	20.2	19.5	18.9	18.4	17.8	18.7	18.6	17.9	17.2	16.7
117.5°	24.2	23.5	22.9	22.3	21.5	20.8	22.1	21.8	20.9	20.2	19.5
120°	28.3	27.6	26.8	26.1	25.2	24.3	25.8	25.6	24.7	23.7	22.9
122.5°	33.0	32.2	31.2	30.4	29.5	28.5	30.3	30.0	28.9	27.9	26.9
125°	38.2	37.3	36.3	35.3	34.1	33.2	35.3	34.8	33.8	32.7	31.7
127.5°	43.9	42.9	41.8	40.8	39.4	38.5	40.7	40.2	39.2	38.1	36.9
130°	49.9	48.8	47.6	46.5	45.4	44.2	46.6	46.3	45.2	43.9	42.8
132.5°	56.2	55.1	53.7	52.7	51.6	50.3	52.9	52.7	51.7	50.3	49.2
135°	62.7	61.6	60.4	59.1	57.9	56.9	59.8	59.5	58.5	57.2	56.1
137.5°	69.0	67.9	66.7	65.7	64.4	63.4	66.8	66.7	65.7	64.3	63.4
140°	75.6	74.4	73.2	72.3	71.1	70.2	73.9	73.9	73.0	71.9	70.8
142.5°	81.5	80.6	79.5	78.7	77.5	76.7	80.8	80.9	80.1	79.0	78.2
145°	87.3	86.5	85.4	84.6	83.6	82.9	87.6	88.0	87.3	86.4	85.5
147.5°	92.9	92.1	91.2	90.4	89.5	89.1	94.3	94.9	94.3	93.4	92.8
150°	98.2	97.3	96.3	95.7	95.2	94.6	100.8	101.7	101.1	100.6	100.0
152.5°	102.4	101.6	100.8	100.1	99.4	99.0	106.9	108.3	107.9	107.2	106.9
155°	107.2	106.4	105.6	105.0	104.3	104.0	113.1	114.8	114.4	113.9	113.4
157.5°	112.3	111.5	110.7	110.1	109.6	109.0	118.9	121.1	120.5	120.2	119.7
160°	117.6	117.0	116.2	115.6	114.9	114.4	124.8	126.9	126.6	126.1	125.6
162.5°	123.2	122.8	121.9	121.3	120.5	120.2	130.4	132.8	132.2	131.9	131.4
165°	129.2	128.5	127.9	127.4	126.8	126.3	136.2	138.3	138.0	137.5	137.0
167.5°	135.0	134.6	133.9	133.5	133.0	132.7	141.8	143.8	143.6	142.9	142.7
170°	140.4	140.1	139.6	139.3	139.0	138.8	146.6	148.2	148.1	147.6	147.3
172.5°	144.9	144.7	144.5	144.2	143.9	143.8	150.3	151.8	151.6	151.4	150.9
175°	148.7	148.5	148.4	148.4	148.2	148.1	153.2	154.3	154.1	153.8	153.5
177.5°	151.8	151.6	151.6	151.6	151.6	151.6	154.6	155.3	155.2	155.2	155.1
180°	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8



TEST NUMBER: P1444769  
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**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8
2.5°	37173.4	37186.4	37188.3	37203.6	37202.4	37220.5	37217.7	37232.5	37223.8	37236.1	37225.7
5°	38046.4	38125.6	38167.1	38244.3	38268.7	38337.9	38357.5	38420.6	38423.2	38473.2	38461.8
7.5°	39280.8	39397.6	39466.8	39562.4	39610.8	39690.4	39725.4	39784.3	39803.3	39850.0	39853.6
10°	40018.0	40074.6	40114.2	40140.9	40165.2	40176.7	40190.0	40186.4	40190.0	40184.7	40196.1
12.5°	39728.0	39645.3	39590.5	39486.9	39426.9	39312.3	39256.1	39146.0	39106.0	39011.4	38997.8
15°	38259.7	37971.3	37767.5	37471.2	37284.8	36993.3	36822.7	36559.7	36439.5	36230.4	36175.6
17.5°	35583.4	35048.0	34633.6	34102.2	33733.4	33236.6	32924.3	32513.1	32288.0	31956.3	31841.6
20°	31831.3	31039.1	30417.7	29677.3	29147.5	28487.4	28064.8	27531.7	27222.3	26815.1	26650.0
22.5°	27426.2	26440.0	25663.8	24789.2	24150.0	23414.3	22908.0	22331.3	21994.6	21552.2	21356.3
25°	22885.8	21798.3	20935.4	20013.8	19338.4	18601.0	18094.6	17528.0	17179.7	16759.7	16565.1
27.5°	18543.5	17442.6	16608.7	15751.9	15132.3	14466.9	14009.9	13515.4	13206.1	12847.7	12664.5
30°	14711.4	13740.4	13030.7	12319.7	11804.3	11263.9	10884.2	10474.3	10203.0	9896.0	9721.6
32.5°	11589.3	10839.7	10284.0	9719.8	9298.0	8846.4	8518.3	8156.6	7911.8	7637.6	7479.7
35°	9178.6	8596.1	8152.9	7688.5	7326.1	6941.5	6652.4	6340.1	6120.4	5884.4	5748.0
37.5°	7252.0	6788.9	6424.2	6038.4	5740.8	5422.1	5314.7	4956.4	4728.9	4540.5	4410.0
40°	5691.4	5323.1	5021.3	4726.3	4483.6	4241.9	4047.9	3856.5	3709.6	3574.8	3481.7
42.5°	4444.5	4177.7	3957.3	3741.2	3564.1	3388.0	3247.6	3115.7	3016.7	2928.6	2868.5
45°	3533.2	3349.7	3196.5	3044.4	2919.4	2801.8	2707.3	2623.1	2559.2	2506.3	2468.7
47.5°	2902.6	2777.0	2669.0	2566.3	2481.4	2404.4	2341.0	2320.4	2251.7	2205.4	2187.8
50°	2466.8	2391.0	2308.9	2233.1	2176.5	2120.1	2079.0	2038.7	2013.0	1991.7	1985.2
52.5°	2141.6	2083.6	2037.9	1989.9	1952.5	1912.4	1884.1	1857.2	1843.1	1832.0	1830.6
55°	1899.8	1859.2	1829.0	1796.8	1774.4	1750.8	1736.2	1722.0	1715.8	1710.2	1710.6
57.5°	1716.8	1689.7	1670.0	1649.2	1637.0	1625.8	1622.1	1618.5	1620.4	1621.2	1624.4
60°	1583.4	1565.9	1553.4	1541.5	1536.4	1532.9	1535.6	1538.8	1545.2	1550.5	1555.1
62.5°	1481.3	1471.2	1465.2	1458.7	1458.2	1458.5	1464.0	1469.3	1477.4	1483.5	1488.0
65°	1376.1	1370.4	1368.4	1364.3	1366.4	1367.6	1374.2	1378.3	1386.4	1391.2	1397.0
67.5°	1269.9	1268.5	1269.7	1269.7	1273.4	1276.6	1282.9	1287.6	1294.4	1298.9	1303.6
70°	1191.4	1191.9	1194.8	1195.4	1199.3	1201.5	1207.0	1210.0	1216.2	1219.9	1225.5
72.5°	1115.1	1113.8	1114.5	1112.7	1114.1	1113.5	1116.6	1118.0	1123.3	1126.2	1133.1
75°	1033.8	1030.4	1029.5	1025.9	1026.0	1023.3	1024.6	1024.4	1027.9	1029.2	1034.2
77.5°	935.6	929.9	927.1	920.9	920.8	918.5	920.9	922.5	928.5	931.3	937.1
80°	818.2	809.2	805.1	797.9	799.1	798.7	804.7	809.4	816.7	818.1	825.2
82.5°	680.1	670.9	666.5	659.4	661.1	661.3	666.8	667.7	674.1	676.9	685.2
85°	487.0	490.5	480.7	481.4	479.4	483.3	487.0	491.6	496.9	505.9	512.8
87.5°	286.8	285.5	288.9	289.4	294.4	296.9	304.9	309.4	318.4	325.4	338.1
90°	105.9	102.4	106.3	105.9	111.8	111.5	116.7	115.4	121.5	122.9	130.6
92.5°	5.6	6.1	5.6	5.9	5.6	6.2	5.6	6.1	5.6	6.2	5.6
95°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
97.5°	6.6	6.6	6.6	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
100°	7.3	7.3	7.3	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
102.5°	8.2	8.1	8.1	8.0	8.0	7.8	7.8	7.8	7.8	7.8	7.8
105°	9.2	9.1	9.0	8.8	8.8	8.7	8.7	8.4	8.4	8.4	8.4
107.5°	10.4	10.2	10.1	9.9	9.8	9.6	9.5	9.5	9.2	9.2	9.2
110°	11.8	11.5	11.4	11.0	10.9	10.7	10.4	10.4	10.2	10.1	10.1



TEST NUMBER: P1444769  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L935

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	13.8	13.3	12.8	12.5	12.2	11.8	11.7	11.5	11.4	11.2	11.0
115°	16.0	15.4	14.9	14.4	14.0	13.5	13.2	13.1	12.7	12.5	12.4
117.5°	18.7	18.0	17.2	16.7	16.0	15.5	15.1	14.6	14.3	14.1	14.0
120°	22.0	21.2	20.2	19.5	18.7	18.0	17.3	16.9	16.4	16.2	16.0
122.5°	25.8	24.9	23.7	22.9	22.0	21.2	20.3	19.8	19.1	18.7	18.4
125°	30.4	29.3	28.2	26.9	25.8	25.0	24.0	23.2	22.6	22.1	21.5
127.5°	35.6	34.3	33.0	31.9	30.5	29.5	28.5	27.6	26.6	26.0	25.3
130°	41.4	40.2	38.6	37.5	36.0	34.9	33.8	32.9	31.9	31.1	30.3
132.5°	47.9	46.6	45.2	43.9	42.5	41.2	40.0	38.9	37.7	36.9	36.0
135°	54.7	53.7	52.1	50.8	49.4	48.2	47.0	45.8	44.7	43.7	42.8
137.5°	62.2	60.9	59.6	58.5	57.0	55.9	54.5	53.5	52.1	51.4	50.3
140°	69.6	68.6	67.2	66.2	64.9	63.9	62.5	61.6	60.4	59.5	58.5
142.5°	76.9	76.0	75.0	74.0	72.9	71.9	70.7	69.7	68.6	67.8	66.8
145°	84.6	83.7	82.7	81.8	80.8	80.0	78.8	77.9	76.9	76.1	75.5
147.5°	92.0	91.2	90.4	89.5	88.5	87.7	86.7	86.2	85.1	84.6	83.7
150°	99.2	98.4	97.6	97.1	96.1	95.4	94.6	93.9	93.1	92.6	91.8
152.5°	105.9	105.4	104.8	104.2	103.4	102.7	102.0	101.4	100.8	100.2	99.4
155°	112.7	112.2	111.5	110.9	110.1	109.7	109.0	108.3	107.8	107.2	106.6
157.5°	119.2	118.6	117.9	117.6	116.7	116.2	115.6	115.1	114.4	113.9	113.3
160°	125.1	124.7	124.0	123.4	122.9	122.4	121.6	121.3	120.5	120.2	119.5
162.5°	130.9	130.3	129.9	129.3	128.7	128.2	127.6	127.1	126.4	125.9	125.3
165°	136.5	135.9	135.4	134.9	134.4	133.9	133.2	132.8	132.1	131.7	131.1
167.5°	142.1	141.7	141.2	140.8	140.1	139.6	139.1	138.6	138.0	137.5	136.8
170°	146.9	146.4	146.1	145.6	145.2	144.7	144.2	143.7	143.1	142.8	142.1
172.5°	150.6	150.5	150.1	149.8	149.3	149.0	148.7	148.4	147.9	147.6	147.3
175°	153.4	153.3	153.2	152.7	152.6	152.4	152.1	151.9	151.6	151.5	151.1
177.5°	155.1	154.9	154.9	154.6	154.5	154.5	154.3	154.3	154.3	154.1	154.1
180°	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8



TEST NUMBER: P1444769

CATALOG NUMBER: EHBR1-48-UNV-TA-L935

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8
2.5°	37236.4	37227.0	37231.5	37214.1	37218.2	37197.2	37195.2	37171.5	37169.1	37146.7	37138.3
5°	38497.2	38476.5	38499.9	38463.4	38470.6	38423.2	38419.2	38357.8	38336.7	38260.0	38226.9
7.5°	39882.8	39875.0	39889.3	39858.8	39857.8	39815.5	39798.0	39743.1	39708.9	39628.4	39576.9
10°	40186.4	40193.5	40181.8	40184.7	40168.2	40163.7	40146.8	40136.1	40108.4	40087.6	40056.8
12.5°	38925.9	38933.5	38885.3	38915.9	38891.8	38948.0	38943.5	39009.8	39019.9	39103.8	39135.6
15°	36012.7	36003.7	35911.4	35969.5	35938.3	36061.7	36089.4	36255.4	36344.3	36557.5	36688.5
17.5°	31611.9	31588.1	31458.1	31528.9	31492.9	31674.9	31736.0	32001.6	32167.3	32510.8	32755.6
20°	26365.8	26320.3	26168.3	26251.2	26214.1	26420.9	26508.0	26829.0	27042.7	27497.7	27821.4
22.5°	21054.7	20982.8	20833.9	20911.3	20876.2	21090.5	21203.8	21526.0	21770.7	22237.8	22615.7
25°	16285.3	16221.2	16077.3	16131.5	16118.4	16299.6	16400.5	16705.2	16945.6	17390.6	17751.4
27.5°	12421.1	12354.5	12224.5	12262.8	12249.6	12404.0	12499.1	12753.6	12960.5	13335.1	13651.9
30°	9506.6	9426.2	9315.9	9337.1	9328.0	9453.1	9541.9	9756.3	9933.6	10250.2	10523.1
32.5°	7286.8	7206.0	7104.6	7114.6	7101.2	7199.3	7272.5	7458.9	7613.4	7882.6	8120.2
35°	5575.4	5669.8	5453.5	5590.5	5447.9	5657.3	5582.0	5698.5	5831.4	6058.2	6256.3
37.5°	4286.1	4220.3	4164.7	4158.7	4158.4	4207.0	4264.3	4376.5	4493.6	4662.6	4837.2
40°	3396.6	3350.3	3314.4	3311.7	3314.4	3348.9	3391.2	3468.7	3554.5	3675.9	3804.1
42.5°	2817.1	2786.4	2764.8	2763.2	2770.1	2794.6	2824.0	2870.1	2925.9	3004.5	3092.5
45°	2438.2	2421.2	2409.1	2408.4	2411.6	2424.3	2441.3	2470.0	2505.4	2554.4	2610.0
47.5°	2172.4	2168.2	2160.7	2161.0	2157.5	2162.8	2164.7	2180.7	2199.6	2236.5	2309.3
50°	1978.8	1978.8	1973.5	1973.3	1968.4	1968.1	1963.9	1970.3	1979.1	2002.0	2025.3
52.5°	1825.8	1825.3	1819.6	1818.5	1813.3	1813.0	1809.4	1811.9	1813.1	1824.7	1838.6
55°	1706.2	1702.6	1695.2	1692.8	1690.8	1693.8	1692.5	1692.6	1691.0	1695.9	1700.0
57.5°	1620.4	1615.7	1608.7	1606.6	1606.1	1609.6	1609.8	1608.6	1602.1	1597.8	1591.5
60°	1552.5	1547.8	1540.2	1538.3	1539.4	1544.4	1544.1	1539.9	1530.3	1522.0	1512.2
62.5°	1485.8	1483.9	1480.0	1479.5	1478.5	1479.4	1476.0	1471.5	1462.0	1453.1	1442.5
65°	1396.3	1397.3	1394.4	1394.8	1391.4	1390.9	1385.6	1381.3	1371.7	1363.6	1352.8
67.5°	1303.4	1304.1	1301.8	1301.8	1299.9	1300.2	1297.0	1293.1	1285.0	1278.4	1269.9
70°	1226.8	1228.7	1227.4	1227.8	1225.5	1224.7	1219.8	1215.9	1207.6	1202.1	1194.5
72.5°	1135.1	1139.3	1139.1	1140.1	1136.8	1135.1	1129.2	1124.4	1116.9	1112.4	1106.4
75°	1036.1	1041.5	1043.0	1045.4	1040.6	1038.2	1031.8	1027.9	1021.7	1019.1	1015.1
77.5°	939.5	945.4	951.0	956.3	948.7	941.9	933.9	927.7	918.8	915.5	909.2
80°	831.0	841.4	853.9	864.5	850.9	837.1	823.8	813.9	802.2	797.4	789.7
82.5°	689.4	700.1	707.3	714.0	704.6	694.5	681.6	672.9	660.3	655.6	646.7
85°	523.8	537.1	541.4	545.0	538.9	533.6	521.4	505.1	497.1	484.6	478.2
87.5°	344.5	352.5	354.0	355.2	351.6	348.9	341.1	333.3	319.8	309.9	297.7
90°	130.6	136.2	133.5	135.9	130.9	131.1	123.1	120.3	108.9	104.5	94.3
92.5°	5.9	5.5	5.6	5.5	6.2	5.6	6.2	5.6	6.1	5.6	6.1
95°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
97.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.6
100°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
102.5°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	8.0
105°	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.7	8.7
107.5°	9.1	9.1	9.1	9.1	9.2	9.2	9.2	9.2	9.2	9.2	9.5
110°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.2	10.2	10.4



TEST NUMBER: P1444769  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L935

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.2	11.2	11.4	11.4
115°	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.4	12.5	12.5	12.8
117.5°	13.8	13.6	13.6	13.6	13.6	13.6	13.8	13.8	14.0	14.1	14.4
120°	15.8	15.4	15.4	15.4	15.4	15.4	15.5	15.5	16.0	16.0	16.7
122.5°	18.1	17.9	17.9	17.8	17.8	17.8	17.9	18.0	18.4	18.7	19.1
125°	21.3	20.9	20.8	20.7	20.7	20.7	20.8	21.2	21.5	21.8	22.4
127.5°	25.0	24.7	24.3	24.2	24.2	24.2	24.7	24.7	25.2	25.7	26.4
130°	29.7	29.3	29.2	28.7	28.7	28.7	29.2	29.5	30.0	30.4	31.2
132.5°	35.6	34.9	34.6	34.3	34.3	34.3	34.6	34.9	35.6	36.0	37.2
135°	42.2	41.7	41.2	41.0	41.0	40.8	41.1	41.4	42.1	42.8	43.6
137.5°	49.8	49.1	48.8	48.2	48.2	48.2	48.5	48.8	49.4	50.0	51.0
140°	57.9	57.2	56.9	56.4	56.4	56.2	56.5	56.7	57.4	58.0	58.8
142.5°	66.3	65.4	65.2	64.9	64.6	64.6	65.0	65.2	65.7	66.2	67.0
145°	74.8	74.1	73.9	73.4	73.2	73.2	73.4	73.7	74.1	74.4	75.2
147.5°	83.2	82.7	82.4	81.9	81.9	81.8	81.9	81.9	82.4	82.7	83.2
150°	91.5	90.9	90.5	90.2	90.1	89.9	90.1	89.9	90.2	90.4	90.9
152.5°	99.2	98.4	98.3	97.9	97.6	97.4	97.4	97.3	97.4	97.4	97.9
155°	106.3	105.9	105.4	105.0	104.8	104.5	104.5	104.2	104.3	104.2	104.3
157.5°	113.0	112.5	112.2	111.7	111.4	110.9	110.8	110.6	110.6	110.1	110.1
160°	119.2	118.5	118.1	117.6	117.4	116.8	116.7	116.2	116.0	115.7	115.6
162.5°	124.8	124.3	123.9	123.4	123.1	122.4	122.2	121.6	121.4	121.1	121.0
165°	130.4	129.9	129.5	128.8	128.5	128.2	127.7	127.3	127.1	126.6	126.4
167.5°	136.5	135.9	135.4	134.9	134.6	134.0	133.9	133.5	133.2	133.0	133.0
170°	141.8	141.3	141.0	140.7	140.4	139.9	139.8	139.4	139.3	139.1	139.1
172.5°	146.9	146.6	146.3	146.0	145.7	145.5	145.3	145.2	144.9	144.9	144.7
175°	150.9	150.6	150.5	150.3	150.1	150.1	150.0	150.0	150.0	149.8	149.8
177.5°	153.8	153.7	153.7	153.7	153.5	153.5	153.5	153.5	153.5	153.4	153.3
180°	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8



TEST NUMBER: P1444769  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L935

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8
2.5°	37114.3	37104.5	37078.8	37066.1	37042.4	37030.4	37011.9	36999.9	36984.9	36973.8	36968.0
5°	38142.6	38095.1	38000.0	37941.5	37838.8	37771.1	37669.1	37594.4	37489.0	37411.4	37311.8
7.5°	39480.4	39407.6	39285.8	39193.4	39049.7	38939.9	38778.7	38649.7	38471.6	38323.6	38141.6
10°	40025.1	39982.6	39928.0	39868.5	39788.9	39710.9	39600.8	39488.6	39339.0	39190.2	38995.9
12.5°	39220.1	39260.1	39339.0	39375.8	39436.2	39456.7	39484.3	39471.4	39446.9	39386.2	39298.1
15°	36940.1	37107.1	37371.0	37553.7	37809.4	37989.1	38226.9	38379.9	38556.1	38661.4	38761.4
17.5°	33189.5	33512.6	33978.4	34350.0	34848.8	35254.4	35751.3	36141.8	36592.6	36938.4	37306.6
20°	28385.6	28838.0	29481.0	30027.0	30749.9	31362.9	32148.1	32805.9	33573.3	34213.0	34903.4
22.5°	23215.3	23747.5	24484.2	25142.9	26006.1	26777.0	27761.0	28630.8	29668.1	30597.5	31625.4
25°	18337.8	18859.3	19609.9	20291.8	21223.6	22072.9	23147.8	24145.7	25349.5	26472.2	27761.0
27.5°	14155.0	14618.3	15278.0	15891.8	16745.3	17579.1	18669.9	19734.0	21018.5	22225.0	23613.9
30°	10931.7	11307.5	11836.1	12329.9	13015.1	13697.0	14668.6	15652.7	16930.9	18181.1	19605.0
32.5°	8471.7	8792.1	9233.4	9634.3	10162.2	10676.4	11391.9	12178.3	13299.5	14497.0	15873.8
35°	6558.0	6832.2	7207.8	7553.1	7987.2	8395.4	8929.3	9490.6	10346.3	11353.6	12585.7
37.5°	5228.4	5340.2	5608.3	5891.1	6251.8	6587.2	7004.8	7419.8	8032.1	8826.8	9833.4
40°	3976.2	4153.6	4371.8	4594.6	4867.7	5136.7	5595.0	5815.6	6218.6	6789.1	7570.4
42.5°	3208.2	3333.0	3486.6	3641.5	3831.8	4019.2	4251.0	4487.1	4788.3	5174.8	5730.4
45°	2684.7	2766.1	2865.1	2968.3	3093.3	3221.2	3376.3	3538.4	3742.6	3980.1	4317.7
47.5°	2335.0	2379.9	2444.6	2515.1	2600.7	2689.3	2790.1	2893.5	3020.3	3161.2	3353.4
50°	2062.0	2099.5	2149.7	2196.9	2255.9	2346.7	2386.7	2443.7	2520.0	2603.0	2710.5
52.5°	1864.4	1889.4	1921.0	1948.0	1985.4	2019.4	2063.9	2103.2	2156.0	2205.7	2275.2
55°	1710.6	1719.7	1737.5	1755.0	1780.8	1804.0	1834.6	1860.3	1894.0	1923.8	1967.5
57.5°	1591.8	1592.6	1600.8	1609.9	1626.6	1641.2	1662.2	1679.1	1702.4	1721.5	1747.7
60°	1506.4	1501.9	1503.5	1506.7	1516.1	1525.5	1539.0	1550.0	1564.7	1575.5	1590.2
62.5°	1435.4	1428.2	1426.6	1425.7	1430.5	1433.8	1441.2	1446.5	1454.9	1459.6	1467.4
65°	1345.6	1337.2	1333.9	1330.0	1331.4	1330.3	1333.1	1333.2	1337.5	1338.5	1343.0
67.5°	1264.2	1257.2	1252.9	1247.7	1245.4	1241.7	1240.0	1236.4	1235.9	1232.9	1232.2
70°	1190.0	1183.1	1179.5	1174.7	1172.2	1167.3	1164.3	1158.2	1154.7	1149.0	1145.9
72.5°	1104.1	1100.2	1099.1	1095.8	1094.9	1092.2	1090.9	1086.7	1084.2	1079.4	1076.7
75°	1014.3	1011.1	1010.8	1007.6	1007.3	1003.9	1003.1	998.6	996.2	991.4	989.4
77.5°	907.3	902.6	901.3	897.4	898.4	896.7	898.1	894.6	893.2	888.4	886.8
80°	786.9	780.9	778.4	773.3	774.6	772.4	774.6	774.4	776.2	772.4	771.6
82.5°	644.2	637.6	636.3	632.8	635.2	635.4	640.5	637.8	638.9	635.2	636.8
85°	468.8	463.9	457.0	456.0	451.6	456.2	450.3	454.3	447.7	452.3	446.3
87.5°	290.7	280.4	275.1	267.8	265.0	258.0	255.1	250.1	251.6	249.2	250.6
90°	91.8	82.7	80.0	72.1	70.5	63.5	63.4	58.2	58.7	53.4	54.3
92.5°	5.6	5.6	5.5	5.9	5.6	5.6	5.5	5.9	5.6	5.9	5.6
95°	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.2	6.2	6.2	6.2
97.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.9	6.9	6.9	6.9
100°	7.2	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.7	7.7	7.7
102.5°	8.0	8.0	8.0	8.1	8.1	8.1	8.2	8.4	8.4	8.7	8.8
105°	8.7	8.8	8.8	9.0	9.0	9.1	9.2	9.5	9.6	9.8	9.9
107.5°	9.5	9.6	9.8	9.9	9.9	10.2	10.4	10.6	10.7	11.0	11.4
110°	10.4	10.6	10.7	11.0	11.2	11.4	11.7	12.0	12.4	12.7	13.2



TEST NUMBER: P1444769  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L935

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	11.5	11.8	12.0	12.4	12.7	13.1	13.3	13.8	14.3	14.9	15.2
115°	13.1	13.3	13.5	14.0	14.3	14.9	15.2	16.0	16.7	17.2	17.9
117.5°	14.6	15.1	15.4	16.0	16.4	17.2	17.8	18.6	19.4	20.2	20.8
120°	16.9	17.3	17.9	18.6	19.1	19.9	20.8	21.6	22.6	23.5	24.3
122.5°	19.5	20.2	20.8	21.6	22.4	23.4	24.3	25.6	26.6	27.6	28.5
125°	22.9	23.7	24.7	25.6	26.6	27.6	28.5	30.0	31.1	32.3	33.5
127.5°	26.9	27.9	28.9	30.0	31.1	32.3	33.5	34.9	36.0	37.5	38.6
130°	32.0	33.0	34.0	35.3	36.4	37.8	39.2	40.7	41.8	43.1	44.4
132.5°	37.8	39.1	40.0	41.4	42.6	44.0	45.4	46.8	48.1	49.7	50.8
135°	44.5	45.7	46.8	48.1	49.4	50.8	52.1	53.7	54.7	56.2	57.4
137.5°	51.8	52.9	54.2	55.4	56.5	58.0	59.3	60.6	61.7	63.1	64.2
140°	59.6	60.7	61.7	63.1	64.2	65.4	66.4	67.8	68.7	70.1	71.1
142.5°	67.6	68.7	69.4	70.5	71.5	72.9	73.9	75.0	75.8	76.7	77.5
145°	75.8	76.7	77.4	78.4	79.2	80.1	80.8	81.8	82.4	83.2	83.8
147.5°	83.7	84.4	84.8	85.6	86.4	86.9	87.6	88.3	88.6	89.4	89.9
150°	91.2	91.7	92.0	92.6	92.9	93.4	93.7	94.3	94.6	95.2	95.4
152.5°	98.0	98.3	98.3	98.9	99.0	99.2	99.4	99.8	100.0	100.2	100.6
155°	104.2	104.3	104.3	104.5	104.5	104.6	104.6	105.0	105.1	105.3	105.6
157.5°	109.9	109.8	109.8	109.8	109.7	109.8	109.8	109.9	110.1	110.6	110.8
160°	115.2	115.1	114.9	114.9	114.9	114.9	114.9	115.2	115.4	115.9	116.2
162.5°	120.5	120.5	120.3	120.3	120.3	120.5	120.5	121.0	121.1	121.5	121.9
165°	126.3	126.3	126.1	126.3	126.3	126.4	126.6	126.9	127.3	127.7	128.2
167.5°	132.8	132.8	132.8	133.0	133.0	133.0	133.2	133.8	133.9	134.4	134.6
170°	139.0	139.1	139.0	139.1	139.1	139.3	139.4	139.6	139.8	140.1	140.2
172.5°	144.7	144.7	144.7	144.7	144.7	144.9	144.9	145.2	145.2	145.3	145.3
175°	149.7	149.7	149.7	149.7	149.7	149.5	149.5	149.3	149.3	149.3	149.3
177.5°	153.2	152.9	152.7	152.7	152.6	152.4	152.4	152.4	152.4	152.4	152.1
180°	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8



TEST NUMBER: P1444769  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L935

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8
2.5°	36960.6	36960.2	36956.6	36958.2	36958.9	36961.6	36964.7	36968.0	36968.7	36971.2	36971.8
5°	37237.2	37145.7	37078.1	37003.7	36947.8	36897.5	36863.9	36837.3	36827.0	36829.6	36835.8
7.5°	37987.2	37798.5	37642.7	37465.7	37318.0	37161.7	37032.1	36908.9	36819.1	36752.2	36714.8
10°	38810.3	38580.4	38360.5	38104.3	37861.2	37601.8	37366.8	37130.2	36932.9	36761.6	36635.8
12.5°	39175.5	39013.0	38823.0	38581.1	38321.0	38021.7	37719.4	37395.4	37094.1	36814.3	36588.7
15°	38788.8	38789.1	38719.8	38603.8	38423.2	38183.9	37896.0	37558.2	37202.6	36839.8	36508.4
17.5°	37561.2	37792.8	37921.6	38003.2	37978.2	37890.0	37706.7	37447.3	37115.9	36729.4	36325.0
20°	35453.1	35999.3	36388.8	36739.1	36935.4	37065.9	37052.8	36947.2	36711.2	36382.6	35961.4
22.5°	32499.8	33416.7	34140.3	34815.0	35288.2	35673.1	35856.1	35933.8	35826.8	35597.9	35202.4
25°	28912.8	30159.6	31223.5	32256.1	33030.6	33696.2	34096.3	34378.2	34400.5	34280.9	33928.1
27.5°	24927.0	26398.7	27745.3	29117.5	30206.8	31163.7	31791.6	32251.1	32397.1	32377.9	32057.4
30°	20946.4	22491.3	23975.6	25575.8	26923.6	28146.1	28975.5	29597.1	29836.5	29882.5	29574.2
32.5°	17187.0	18710.4	20190.7	21863.6	23346.8	24748.0	25727.9	26466.1	26744.6	26810.2	26472.2
35°	13775.2	15180.7	16587.4	18208.7	19683.4	21134.3	22166.8	22939.7	23199.9	23243.7	22852.3
37.5°	10816.5	12014.0	13239.7	14694.5	16048.7	17411.4	18392.4	19118.7	19308.3	19296.6	18853.5
40°	8325.3	9256.2	10241.2	11438.8	12564.7	13716.6	14545.0	15145.5	15245.0	15171.3	14706.0
42.5°	6260.2	6932.5	7646.6	8540.6	9376.0	10238.1	10840.8	11286.6	11300.7	11184.2	10766.6
45°	4663.8	5319.8	5619.2	6159.8	6697.9	7271.1	7639.2	7914.5	7871.9	7769.3	7451.9
47.5°	3555.3	3807.5	4074.9	4410.0	4723.4	5374.0	5325.8	5768.0	5449.5	5666.6	5188.6
50°	2823.3	2964.2	3108.3	3286.2	3449.9	3620.0	3726.2	3805.6	3795.3	3761.2	3669.6
52.5°	2402.0	2445.5	2516.4	2617.7	2709.0	2801.0	2861.6	2910.8	2911.7	2898.0	2851.6
55°	2007.5	2062.8	2113.8	2179.9	2292.6	2309.9	2396.6	2379.0	2385.8	2361.8	2386.5
57.5°	1770.0	1802.1	1830.9	1870.2	1902.7	1940.7	1963.1	1984.7	1982.7	1978.0	1954.3
60°	1601.7	1619.4	1635.4	1658.3	1676.3	1697.6	1708.0	1718.9	1715.4	1707.4	1686.4
62.5°	1472.0	1483.0	1492.2	1507.0	1517.8	1531.2	1536.6	1541.2	1536.6	1529.0	1510.4
65°	1343.9	1351.1	1356.9	1368.0	1375.7	1387.1	1391.7	1396.0	1391.8	1385.9	1371.7
67.5°	1228.4	1229.2	1228.6	1233.2	1235.5	1242.4	1244.4	1247.6	1242.7	1237.5	1225.5
70°	1140.9	1139.1	1136.9	1138.7	1139.1	1142.4	1143.0	1142.4	1136.5	1127.7	1114.6
72.5°	1072.5	1071.5	1069.8	1071.4	1071.4	1074.4	1073.4	1071.9	1064.6	1056.1	1043.2
75°	984.5	983.7	980.5	980.6	977.8	978.8	975.2	973.2	965.1	957.9	946.4
77.5°	881.5	879.9	875.1	873.2	868.0	865.8	859.1	855.8	847.5	841.7	831.8
80°	766.6	764.8	758.6	755.2	746.9	741.6	731.8	726.2	716.6	711.0	701.4
82.5°	633.6	634.3	628.1	623.8	612.0	603.0	589.7	582.6	572.2	566.6	556.8
85°	450.6	444.2	447.6	447.4	439.9	432.0	421.4	413.8	405.0	399.8	392.8
87.5°	247.2	248.7	246.9	245.4	240.2	236.2	227.8	223.4	217.0	213.8	208.5
90°	48.9	49.9	45.0	46.0	41.2	40.2	34.3	34.1	28.9	28.3	24.2
92.5°	5.6	5.6	5.9	5.6	5.9	5.9	5.9	5.9	5.9	5.6	5.9
95°	6.2	6.3	6.3	6.3	6.3	6.3	6.4	6.4	6.4	6.4	6.4
97.5°	7.0	7.0	7.0	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3
100°	7.8	8.0	8.0	8.0	8.1	8.1	8.2	8.2	8.4	8.4	8.4
102.5°	8.8	9.0	9.1	9.2	9.5	9.5	9.6	9.6	9.8	9.8	9.8
105°	10.1	10.2	10.6	10.7	10.9	11.0	11.2	11.2	11.4	11.5	11.5
107.5°	11.7	11.8	12.2	12.5	12.7	13.1	13.2	13.3	13.5	13.6	13.8
110°	13.5	13.8	14.3	14.6	15.0	15.2	15.5	15.8	16.0	16.2	16.7



TEST NUMBER: P1444769  
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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°	15.8	16.2	16.9	17.2	17.8	18.0	18.6	18.9	19.1	19.5	19.8
115°	18.6	19.1	19.8	20.3	20.9	21.5	22.0	22.3	22.7	23.1	23.5
117.5°	21.8	22.4	23.2	23.9	24.7	25.2	25.8	26.4	26.9	27.5	27.9
120°	25.6	26.4	27.1	27.9	28.7	29.5	30.3	30.9	31.4	32.2	32.9
122.5°	29.7	30.6	31.7	32.4	33.5	34.3	35.3	35.9	36.7	37.5	38.3
125°	34.6	35.6	36.7	37.7	38.6	39.6	40.7	41.4	42.5	43.1	44.2
127.5°	40.0	41.0	42.2	43.1	44.4	45.4	46.5	47.3	48.4	49.4	50.6
130°	45.8	46.8	48.1	49.1	50.3	51.4	52.5	53.7	54.7	55.9	57.2
132.5°	51.9	53.2	54.5	55.4	56.7	57.7	59.0	60.1	61.4	62.5	63.9
135°	58.7	59.6	60.9	61.9	63.3	64.2	65.4	66.7	68.1	69.2	70.7
137.5°	65.3	66.3	67.5	68.4	69.7	70.7	72.1	73.1	74.7	75.8	77.4
140°	72.1	73.0	74.0	75.0	76.0	76.9	78.4	79.5	80.8	82.1	83.6
142.5°	78.5	79.2	80.1	80.9	82.1	82.9	84.1	85.4	86.6	88.0	89.4
145°	84.7	85.4	86.2	86.9	87.7	88.6	89.9	91.0	92.3	93.4	94.9
147.5°	90.5	91.0	91.8	92.5	93.4	94.1	95.3	96.3	97.4	98.7	100.0
150°	96.1	96.5	97.1	97.6	98.4	99.2	100.2	101.1	102.6	103.7	104.8
152.5°	101.1	101.4	102.0	102.7	103.4	104.2	105.1	106.1	107.2	108.2	109.4
155°	106.1	106.4	107.1	107.8	108.6	109.1	110.1	110.9	111.9	113.0	113.9
157.5°	111.4	111.7	112.3	113.0	113.7	114.4	115.4	116.0	117.0	117.8	118.6
160°	116.7	117.1	117.8	118.5	119.2	119.9	120.7	121.4	122.2	123.1	123.9
162.5°	122.4	123.1	123.7	124.2	125.0	125.6	126.4	127.1	127.9	128.5	129.3
165°	128.7	129.2	129.9	130.3	131.1	131.4	132.2	132.8	133.6	134.0	134.9
167.5°	135.3	135.6	135.9	136.4	137.0	137.5	138.1	138.6	139.3	139.8	140.4
170°	140.7	140.9	141.2	141.6	142.0	142.4	142.8	143.1	143.8	144.2	144.7
172.5°	145.6	145.6	146.0	146.1	146.4	146.6	146.9	147.3	147.6	147.9	148.2
175°	149.5	149.5	149.7	149.7	149.8	150.0	150.3	150.5	150.6	150.8	150.9
177.5°	152.1	152.1	152.1	152.1	152.4	152.4	152.4	152.4	152.6	152.6	152.7
180°	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8



TEST NUMBER: P1444769  
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**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8
2.5°	36970.6	36970.2	36969.0	36967.3	36965.6	36966.6	36968.3	36972.5	36979.9	36990.6	37004.7
5°	36840.8	36848.4	36852.6	36853.2	36849.3	36847.0	36850.6	36860.8	36881.3	36915.6	36962.1
7.5°	36704.7	36714.0	36728.4	36739.1	36741.1	36738.5	36739.1	36755.0	36792.9	36859.8	36953.7
10°	36559.4	36531.8	36546.4	36573.0	36594.2	36598.0	36600.7	36619.5	36674.8	36775.9	36926.7
12.5°	36425.3	36337.8	36320.9	36345.0	36377.2	36387.4	36384.6	36392.6	36457.5	36591.3	36801.5
15°	36248.7	36084.1	36027.9	36034.1	36073.9	36088.1	36077.7	36061.7	36124.8	36288.3	36560.4
17.5°	35963.0	35697.8	35594.4	35589.8	35636.3	35648.6	35623.1	35573.6	35635.8	35839.7	36177.5
20°	35528.7	35137.1	34942.4	34911.5	34962.0	34947.2	34896.3	34821.4	34903.1	35151.2	35552.8
22.5°	34748.0	34251.8	33919.2	33812.0	33872.3	33832.1	33757.7	33662.2	33770.6	34052.4	34499.8
25°	33472.3	32898.9	32443.6	32188.2	32236.3	32164.1	32083.1	31967.4	32096.7	32420.2	32912.6
27.5°	31597.2	30934.8	30370.6	29947.7	29963.2	29868.7	29775.4	29625.6	29787.1	30170.1	30725.5
30°	29103.7	28337.2	27650.1	27075.5	27024.1	26932.4	26836.9	26640.3	26842.4	27300.7	27949.7
32.5°	25972.3	25121.3	24327.4	23600.8	23463.8	23374.3	23289.2	23062.9	23327.6	23861.9	24607.6
35°	22310.2	21403.8	20543.0	19713.2	19486.1	19396.6	19322.2	19105.4	19435.7	20017.2	20822.5
37.5°	18290.6	17364.6	16510.1	15659.1	15338.3	15216.8	15162.8	15020.8	15401.8	15977.0	16785.6
40°	14164.1	13303.1	12537.0	11785.4	11419.6	11233.9	11205.5	11179.7	11548.0	12047.0	12781.0
42.5°	10303.8	9609.2	9018.4	8443.9	8112.5	7858.9	7858.7	7935.7	8267.3	8641.0	9207.0
45°	7127.5	6661.3	6284.9	5901.1	6003.6	5498.0	5795.1	5642.6	5806.5	6047.5	6415.5
47.5°	4899.4	4644.9	4438.2	4223.8	4067.4	3918.2	3931.2	4027.5	4181.8	4324.8	4516.3
50°	3570.8	3441.2	3335.9	3224.6	3146.8	3080.9	3084.8	3126.5	3207.5	3282.9	3383.1
52.5°	2798.0	2726.5	2669.3	2607.8	2566.9	2534.2	2536.0	2556.2	2600.1	2643.0	2700.5
55°	2306.2	2297.6	2223.2	2167.9	2146.9	2125.0	2129.0	2136.9	2166.8	2191.9	2229.9
57.5°	1932.6	1899.2	1876.9	1847.8	1834.4	1819.1	1822.5	1825.5	1845.5	1862.3	1889.7
60°	1668.8	1645.2	1629.3	1609.5	1600.8	1591.0	1593.1	1595.0	1607.7	1618.8	1638.4
62.5°	1493.5	1472.3	1458.6	1443.3	1437.2	1430.5	1432.1	1432.6	1440.6	1448.7	1463.5
65°	1359.0	1342.3	1330.9	1317.7	1311.2	1304.4	1305.0	1305.0	1311.8	1317.7	1328.9
67.5°	1216.9	1204.2	1196.8	1186.4	1182.0	1175.0	1174.9	1172.6	1177.0	1179.4	1186.9
70°	1102.8	1090.0	1080.5	1070.5	1065.0	1058.9	1059.0	1059.1	1064.2	1069.6	1079.3
72.5°	1032.3	1020.1	1011.6	1002.9	997.7	992.4	991.4	990.9	994.6	997.5	1003.9
75°	939.0	929.2	924.3	916.0	911.9	906.0	905.0	902.3	904.1	904.6	909.4
77.5°	825.7	816.4	812.4	804.1	800.7	793.9	793.4	790.3	791.7	790.8	794.5
80°	696.6	688.2	686.0	679.1	677.5	671.3	670.3	666.6	667.7	664.8	666.2
82.5°	552.5	544.8	543.2	536.8	536.8	531.2	530.9	525.3	525.3	520.5	512.8
85°	389.2	383.6	381.2	376.0	374.5	370.0	367.6	362.3	360.4	356.9	355.8
87.5°	205.4	201.8	198.7	196.2	191.6	183.5	182.8	177.2	177.6	173.7	173.9
90°	24.2	20.5	20.7	17.3	17.2	15.1	15.2	14.3	14.0	13.2	13.1
92.5°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
95°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.6	6.6
97.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.4
100°	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.7	8.7	8.7	8.7
102.5°	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	10.1	10.1
105°	11.5	11.7	11.7	11.7	11.7	11.7	11.7	11.8	11.8	11.8	12.0
107.5°	13.8	14.0	14.0	14.1	14.0	14.1	14.1	14.3	14.3	14.3	14.3
110°	16.7	16.8	16.9	17.0	17.0	17.2	17.2	17.3	17.3	17.3	17.3



TEST NUMBER: P1444769  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L935

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	19.9	20.2	20.3	20.7	20.7	20.9	20.9	21.2	21.2	21.3	21.2
115°	23.9	24.2	24.7	24.9	25.0	25.3	25.3	25.7	25.7	25.7	25.7
117.5°	28.3	28.9	29.3	29.7	30.0	30.4	30.5	30.6	30.6	30.9	30.6
120°	33.3	34.1	34.6	35.1	35.6	36.0	36.3	36.5	36.5	36.5	36.4
122.5°	39.1	39.9	40.4	41.1	41.7	42.2	42.5	42.8	42.8	42.9	42.6
125°	45.0	46.0	46.8	47.6	48.1	48.9	49.1	49.7	49.7	49.7	49.4
127.5°	51.6	52.5	53.4	54.5	55.0	55.6	56.1	56.5	56.5	56.5	56.2
130°	58.2	59.5	60.4	61.4	62.2	62.8	63.3	63.6	63.6	63.9	63.5
132.5°	65.0	66.4	67.5	68.6	69.2	70.2	70.5	71.1	71.1	71.2	70.8
135°	72.1	73.2	74.4	75.8	76.6	77.4	77.9	78.4	78.4	78.4	77.9
137.5°	78.7	80.1	81.2	82.4	83.3	84.1	84.7	85.1	85.1	85.4	84.9
140°	84.8	86.4	87.6	88.6	89.7	90.7	91.2	91.7	91.7	91.7	91.3
142.5°	90.7	92.1	93.4	94.6	95.4	96.3	96.9	97.3	97.3	97.3	97.1
145°	96.3	97.4	98.7	100.0	100.8	101.6	102.0	102.6	102.6	102.6	102.4
147.5°	101.1	102.6	103.5	104.6	105.4	106.3	106.9	107.1	107.2	107.2	107.1
150°	105.9	107.1	108.0	109.0	109.8	110.6	110.8	111.4	111.5	111.7	111.5
152.5°	110.4	111.4	112.3	113.1	113.9	114.6	114.9	115.4	115.7	116.0	116.0
155°	114.8	115.7	116.6	117.4	117.9	118.6	119.2	119.7	120.2	120.5	120.7
157.5°	119.5	120.5	121.1	121.9	122.4	123.4	123.9	124.5	125.0	125.5	125.8
160°	124.5	125.5	126.1	126.9	127.6	128.2	128.8	129.5	130.1	130.4	131.1
162.5°	130.1	130.9	131.3	132.1	132.8	133.5	134.0	134.7	135.3	135.9	136.2
165°	135.6	136.2	136.8	137.5	138.1	138.8	139.3	139.9	140.4	140.9	141.3
167.5°	140.9	141.6	142.0	142.7	143.1	143.8	144.4	144.9	145.3	145.7	146.1
170°	145.2	145.7	146.3	146.6	147.3	147.8	148.1	148.5	148.9	149.3	149.7
172.5°	148.5	149.0	149.3	149.8	150.1	150.5	150.8	151.4	151.6	151.9	152.1
175°	151.1	151.5	151.6	151.9	152.1	152.4	152.6	152.7	153.2	153.3	153.5
177.5°	152.9	153.2	153.3	153.3	153.4	153.4	153.5	153.5	153.7	153.8	153.8
180°	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8



TEST NUMBER: P1444769  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L935

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8
2.5°	37024.5	37043.0	37071.4	37097.0	37135.7	37166.2	37212.0	37246.8	37298.4	37332.1	37388.3
5°	37027.8	37100.2	37195.5	37288.5	37400.2	37501.6	37627.7	37735.1	37861.8	37965.2	38094.8
7.5°	37080.2	37219.9	37387.3	37555.9	37746.8	37925.3	38126.4	38308.4	38507.3	38675.7	38859.6
10°	37118.8	37334.2	37581.0	37829.3	38090.6	38333.4	38578.5	38790.3	38988.3	39151.2	39295.2
12.5°	37066.4	37363.2	37679.8	37985.6	38276.2	38527.5	38738.4	38901.3	39013.8	39090.1	39107.9
15°	36888.4	37245.5	37589.8	37894.3	38135.4	38321.4	38417.7	38462.7	38414.4	38334.1	38157.5
17.5°	36555.9	36932.5	37240.3	37480.5	37607.9	37658.4	37578.7	37439.9	37168.8	36867.9	36433.3
20°	35946.1	36297.1	36520.4	36651.4	36617.3	36491.3	36190.2	35824.2	35282.9	34706.2	33944.9
22.5°	34876.7	35183.6	35302.5	35312.2	35104.2	34788.6	34245.6	33617.9	32764.1	31876.3	30784.6
25°	33271.4	33540.2	33559.0	33453.4	33072.8	32561.2	31763.9	30876.0	29715.7	28532.9	27164.9
27.5°	31094.4	31352.2	31289.1	31092.1	30563.6	29879.1	28858.2	27711.2	26280.7	24883.7	23370.4
30°	28357.7	28633.4	28559.2	28306.6	27678.0	26869.0	25667.8	24335.1	22747.0	21254.9	19721.4
32.5°	25082.7	25431.1	25380.0	25139.8	24483.9	23618.1	22314.8	20901.3	19276.4	17806.0	16314.3
35°	21360.2	21783.3	21805.2	21648.1	21039.3	20183.5	18896.5	17528.3	15972.0	14584.6	13206.6
37.5°	17349.6	17840.1	17940.9	17898.5	17393.9	16638.5	15465.8	14238.4	12859.7	11643.8	10465.2
40°	13316.8	13813.4	13985.7	14036.8	13664.4	13079.2	12116.8	11126.2	10002.2	9016.9	8081.1
42.5°	9639.1	10079.3	10245.8	10350.6	10118.1	9727.9	9025.9	8306.4	7483.0	6772.4	6091.1
45°	6694.6	7005.9	7132.5	7238.0	7111.4	6891.3	6447.9	5998.0	5454.4	4990.1	4550.4
47.5°	4680.6	4852.3	4935.9	4987.0	4938.0	4823.1	4581.9	4321.2	4014.4	3743.0	3482.1
50°	3469.3	3560.7	3604.5	3634.0	3598.2	3534.4	3403.9	3262.0	3093.5	2939.8	2789.5
52.5°	2749.3	2801.7	2827.7	2843.6	2823.1	2784.2	2708.1	2624.0	2522.9	2428.0	2378.0
55°	2316.1	2313.4	2373.5	2344.5	2373.5	2308.8	2295.1	2202.7	2118.7	2059.6	1995.7
57.5°	1910.1	1937.3	1948.8	1961.7	1953.4	1941.5	1909.3	1876.1	1831.9	1794.9	1755.4
60°	1653.4	1675.8	1688.5	1701.3	1700.5	1696.0	1677.3	1657.5	1629.9	1607.7	1583.8
62.5°	1476.6	1496.0	1508.5	1520.7	1521.8	1520.0	1505.9	1492.2	1473.3	1459.5	1443.0
65°	1337.5	1351.1	1359.6	1369.4	1368.8	1366.2	1353.4	1342.0	1326.5	1316.9	1304.8
67.5°	1191.9	1202.2	1208.8	1218.0	1219.8	1220.4	1213.3	1208.0	1200.4	1197.7	1193.5
70°	1088.4	1100.9	1111.5	1123.1	1129.5	1132.5	1129.5	1126.7	1122.3	1120.4	1117.2
72.5°	1010.0	1020.6	1028.9	1039.5	1045.4	1049.6	1047.3	1045.7	1041.9	1041.4	1039.2
75°	912.7	920.0	924.6	932.6	935.8	939.8	938.0	939.0	937.7	940.8	940.6
77.5°	795.7	801.1	803.3	809.0	809.6	814.4	815.5	821.1	825.1	833.9	838.6
80°	664.0	667.4	667.4	673.3	675.9	684.1	687.9	697.1	701.4	709.2	709.9
82.5°	515.8	511.8	515.8	513.3	520.9	529.9	531.2	539.0	540.8	545.8	541.9
85°	352.7	352.4	349.2	349.8	347.4	348.5	347.1	348.7	347.2	347.4	343.9
87.5°	168.9	170.5	166.8	168.0	164.4	166.0	162.9	165.4	161.7	162.2	156.7
90°	12.5	12.2	11.7	11.5	11.8	11.4	11.2	11.0	11.2	10.9	10.9
92.5°	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.1	6.1
95°	6.6	6.6	6.6	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
97.5°	7.7	7.7	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.7
100°	8.8	8.8	8.8	9.0	9.0	9.0	9.0	9.0	9.0	8.8	8.8
102.5°	10.2	10.2	10.2	10.4	10.4	10.4	10.4	10.4	10.2	10.2	10.1
105°	12.0	12.0	12.2	12.2	12.2	12.2	12.2	12.2	12.0	11.8	11.8
107.5°	14.4	14.4	14.6	14.6	14.6	14.6	14.4	14.3	14.3	14.1	13.8
110°	17.6	17.3	17.6	17.6	17.6	17.3	17.3	17.0	16.9	16.7	16.4



TEST NUMBER: P1444769  
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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°	21.3	21.2	21.2	20.9	20.9	20.7	20.7	20.3	20.2	19.7	19.4
115°	25.7	25.3	25.3	25.0	25.0	24.7	24.3	24.0	23.7	23.2	22.9
117.5°	30.5	30.4	30.3	29.7	29.5	29.2	28.7	28.3	27.9	27.5	26.9
120°	36.3	35.9	35.6	35.1	34.8	34.1	33.8	33.2	32.7	32.0	31.4
122.5°	42.5	42.0	41.7	41.1	40.7	39.9	39.3	38.5	38.1	37.3	36.5
125°	49.1	48.5	48.1	47.4	46.8	46.0	45.4	44.5	43.7	42.9	42.1
127.5°	56.1	55.4	55.0	54.2	53.5	52.5	51.7	50.8	50.0	48.9	48.1
130°	63.3	62.5	62.2	61.0	60.5	59.3	58.5	57.5	56.5	55.6	54.6
132.5°	70.5	69.9	69.2	68.2	67.5	66.4	65.7	64.4	63.5	62.4	61.6
135°	77.7	76.9	76.4	75.5	74.7	73.4	72.6	71.5	70.5	69.6	68.6
137.5°	84.7	83.8	83.2	82.4	81.5	80.4	79.6	78.5	77.7	76.6	75.8
140°	91.0	90.4	89.7	88.9	88.1	87.2	86.4	85.4	84.6	83.6	82.7
142.5°	96.6	96.1	95.5	94.7	94.1	93.1	92.5	91.7	90.9	90.1	89.4
145°	102.0	101.4	101.1	100.2	99.8	99.0	98.4	97.6	97.2	96.3	95.8
147.5°	106.9	106.4	106.1	105.6	105.3	104.6	104.3	103.7	103.4	102.7	102.4
150°	111.5	111.4	111.2	110.8	110.6	110.1	109.9	109.6	109.4	108.9	108.8
152.5°	116.0	116.0	116.0	115.9	115.9	115.7	115.6	115.4	115.2	114.9	114.8
155°	121.0	121.1	121.3	121.3	121.3	121.3	121.3	121.1	121.1	121.0	121.0
157.5°	126.1	126.3	126.6	126.8	126.9	126.9	126.9	126.9	126.9	126.8	126.8
160°	131.3	131.7	132.0	132.1	132.4	132.4	132.7	132.4	132.7	132.4	132.2
162.5°	136.7	137.0	137.3	137.5	137.8	137.8	138.0	138.0	138.0	137.8	137.8
165°	141.8	142.0	142.4	142.6	142.8	142.8	142.9	142.9	142.9	142.8	142.8
167.5°	146.6	146.6	147.1	147.3	147.6	147.6	147.9	147.8	147.8	147.8	147.8
170°	150.0	150.3	150.5	150.6	150.9	150.9	151.1	151.1	151.4	151.1	151.1
172.5°	152.4	152.6	152.9	153.2	153.3	153.3	153.4	153.4	153.5	153.5	153.5
175°	153.7	153.8	154.1	154.3	154.3	154.5	154.5	154.6	154.6	154.6	154.6
177.5°	154.1	154.3	154.3	154.3	154.5	154.5	154.6	154.6	154.9	154.9	154.9
180°	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8



TEST NUMBER: P1444769  
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**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8
2.5°	37423.1	37191.9	37161.4	37177.6	37216.2	37230.5	37272.2	37283.7	37325.5	37335.9	37376.1
5°	38195.2	37889.7	37905.0	37978.5	38089.7	38155.9	38265.2	38322.4	38426.7	38474.1	38568.5
7.5°	39009.5	38769.6	38844.4	38968.3	39120.2	39225.6	39356.9	39442.4	39555.6	39625.8	39716.3
10°	39409.3	39343.6	39425.9	39523.4	39610.1	39678.0	39733.6	39778.2	39807.3	39834.7	39846.7
12.5°	39105.0	39206.7	39220.8	39211.3	39153.8	39110.0	39011.4	38944.4	38825.5	38753.1	38611.6
15°	37977.2	38200.9	38077.0	37889.5	37615.1	37386.3	37063.2	36822.7	36486.3	36258.1	35920.5
17.5°	35997.9	36280.2	35957.4	35523.6	34971.6	34499.3	33911.4	33444.6	32860.0	32434.8	31889.2
20°	33211.3	33475.2	32899.6	32180.3	31326.5	30607.9	29760.5	29084.4	28297.0	27711.2	27004.3
22.5°	29741.9	29929.9	29118.9	28149.3	27061.4	26163.7	25150.6	24340.0	23441.4	22771.7	22018.0
25°	25903.7	25954.4	24981.6	23864.6	22652.2	21643.2	20561.5	19709.4	18792.8	18114.2	17374.3
27.5°	22029.7	21955.3	20903.8	19719.4	18444.1	17395.4	16340.4	15541.8	14739.2	14127.8	13490.4
30°	18373.1	18193.0	17101.3	15883.9	14645.9	13706.1	12830.2	12188.9	11550.3	11065.3	10553.7
32.5°	15020.0	14765.9	13703.2	12562.6	11519.5	10794.2	10144.7	9659.5	9143.8	8734.1	8304.8
35°	12050.0	11779.3	10837.9	9870.9	9081.4	8546.8	8036.3	7638.2	7200.3	6854.7	6481.9
37.5°	9501.1	9279.2	8490.7	7729.7	7132.5	6718.3	6300.0	5974.6	5612.8	5460.7	5062.3
40°	7334.8	7179.8	6563.2	6002.3	5553.8	5359.1	4934.6	4630.7	4360.3	4137.3	3921.3
42.5°	5721.3	5666.4	5066.3	4628.9	4313.1	4067.9	3831.2	3639.2	3452.2	3298.6	3153.4
45°	4198.6	4155.2	3888.7	3636.2	3421.0	3249.6	3089.8	2957.6	2835.4	2734.1	2641.9
47.5°	3269.4	3255.5	3102.1	2945.5	2810.0	2699.9	2596.1	2508.4	2427.2	2359.6	2337.6
50°	2659.2	2657.4	2567.4	2470.7	2374.2	2310.5	2244.3	2192.4	2140.3	2099.8	2056.9
52.5°	2259.4	2249.6	2188.9	2129.2	2071.9	2030.1	1987.8	1954.6	1920.1	1895.0	1868.4
55°	1945.2	1955.4	1920.2	1884.6	1848.7	1822.8	1793.1	1771.2	1747.6	1731.7	1715.7
57.5°	1726.8	1740.4	1722.0	1701.8	1680.0	1662.8	1642.4	1627.3	1611.5	1601.4	1592.1
60°	1568.0	1582.9	1575.5	1565.3	1551.8	1541.7	1528.6	1520.2	1510.0	1504.4	1499.2
62.5°	1433.3	1451.8	1449.2	1444.4	1435.8	1430.1	1423.0	1419.3	1412.5	1410.1	1407.6
65°	1298.9	1319.7	1319.3	1317.0	1312.2	1310.6	1306.1	1305.3	1301.9	1303.2	1302.9
67.5°	1193.1	1211.3	1215.3	1218.2	1218.0	1219.1	1218.7	1220.5	1220.5	1223.1	1224.7
70°	1116.9	1129.5	1132.5	1135.5	1136.4	1138.8	1138.8	1140.3	1139.9	1142.2	1142.4
72.5°	1039.7	1056.3	1059.4	1061.9	1061.9	1064.2	1062.9	1062.6	1059.2	1058.6	1056.2
75°	943.8	965.1	969.8	972.8	973.2	975.2	972.3	970.6	965.1	962.9	959.0
77.5°	843.5	865.6	869.0	870.1	868.3	868.7	862.6	858.6	851.5	848.6	844.9
80°	713.1	745.6	748.3	746.2	741.1	740.3	734.4	730.5	722.2	719.3	716.1
82.5°	542.6	580.9	586.2	588.6	584.4	585.4	579.7	577.5	569.8	568.4	563.4
85°	342.6	380.8	387.1	386.2	382.0	381.1	377.8	378.8	378.2	380.3	381.4
87.5°	157.4	194.4	203.3	200.5	200.0	197.4	191.5	193.7	197.3	199.6	199.8
90°	10.7	21.8	21.3	22.6	20.2	20.9	18.9	20.2	18.7	19.9	18.6
92.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.9	6.1	5.9	6.1
95°	6.9	6.6	6.6	6.6	6.4	6.4	6.4	6.4	6.4	6.4	6.4
97.5°	7.7	7.4	7.3	7.3	7.3	7.2	7.2	7.2	7.2	7.0	7.0
100°	8.8	8.2	8.1	8.1	8.0	8.0	8.0	7.8	7.8	7.8	7.7
102.5°	9.9	9.5	9.2	9.1	9.0	8.8	8.8	8.7	8.7	8.4	8.4
105°	11.5	10.9	10.6	10.2	10.1	9.9	9.8	9.6	9.5	9.2	9.2
107.5°	13.6	12.5	12.0	11.7	11.4	11.2	10.9	10.7	10.4	10.2	10.1
110°	16.0	14.6	14.0	13.5	13.2	12.7	12.4	12.0	11.7	11.5	11.2



TEST NUMBER: P1444769  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L935

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	18.9	17.0	16.2	15.5	15.1	14.6	14.1	13.6	13.3	12.8	12.7
115°	22.3	19.9	18.9	18.1	17.6	16.9	16.2	15.8	15.1	14.6	14.3
117.5°	26.4	23.5	22.3	21.3	20.7	19.7	18.9	18.1	17.6	16.9	16.4
120°	30.6	27.5	26.1	25.0	24.2	23.1	22.3	21.3	20.5	19.7	18.9
122.5°	35.7	32.2	30.5	29.5	28.3	27.1	26.1	25.0	24.0	23.1	22.3
125°	41.2	37.3	35.4	34.3	33.2	31.9	30.6	29.5	28.5	27.4	26.4
127.5°	47.1	42.9	41.1	39.9	38.6	37.3	36.0	34.6	33.5	32.2	31.2
130°	53.7	49.1	47.1	45.8	44.7	43.1	42.1	40.7	39.3	38.1	36.9
132.5°	60.5	55.6	53.7	52.5	51.4	49.9	48.8	47.3	46.0	44.5	43.4
135°	67.5	62.5	60.6	59.3	58.3	56.9	55.6	54.3	53.2	51.7	50.8
137.5°	74.7	69.4	67.6	66.4	65.4	64.2	63.3	61.9	60.7	59.3	58.3
140°	81.8	76.4	74.7	73.7	72.9	71.6	70.7	69.6	68.6	67.5	66.4
142.5°	88.5	83.0	81.2	80.4	79.8	78.8	78.2	77.2	76.4	75.2	74.4
145°	95.3	89.4	87.7	86.9	86.5	85.7	85.1	84.4	83.7	82.9	82.2
147.5°	101.7	95.5	93.7	93.4	92.9	92.3	92.0	91.3	91.0	90.4	89.9
150°	108.2	101.1	99.2	98.9	98.4	98.2	97.9	97.4	97.3	96.9	96.6
152.5°	114.4	105.9	103.7	103.4	103.4	103.0	102.9	102.7	102.7	102.6	102.4
155°	120.5	111.4	108.8	108.3	108.2	108.0	107.9	107.9	107.9	107.9	108.0
157.5°	126.4	116.6	113.9	113.4	113.3	113.1	113.0	113.0	113.0	113.0	113.3
160°	132.1	122.1	119.4	118.8	118.6	118.4	118.1	117.9	117.9	117.9	118.1
162.5°	137.5	127.7	125.1	124.5	124.2	123.9	123.7	123.4	123.4	123.2	123.4
165°	142.6	133.8	131.1	130.6	130.3	129.9	129.6	129.3	129.2	129.1	129.1
167.5°	147.6	139.6	137.5	137.0	136.7	136.2	136.2	135.7	135.7	135.4	135.4
170°	150.9	144.7	142.9	142.7	142.7	142.4	142.1	142.0	141.8	141.6	141.6
172.5°	153.4	148.9	147.6	147.4	147.4	147.3	147.3	147.1	147.1	147.1	147.1
175°	154.6	151.9	151.4	151.1	151.1	151.1	151.1	151.1	151.1	151.1	151.4
177.5°	155.1	154.3	154.1	154.1	154.1	154.1	154.1	154.1	154.1	154.3	154.3
180°	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8



TEST NUMBER: P1444769  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L935

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8
2.5°	37383.7	37427.3	37424.0	37464.7	37462.7	37501.0	37493.3	37526.4	37518.9	37547.1	37530.5
5°	38610.0	38692.9	38720.2	38795.1	38810.6	38877.5	38878.9	38932.1	38925.7	38967.3	38945.1
7.5°	39770.0	39847.4	39884.1	39942.2	39971.3	40019.3	40038.2	40077.8	40087.3	40110.7	40110.0
10°	39867.9	39867.6	39885.7	39877.7	39893.9	39884.5	39904.3	39897.2	39926.4	39918.9	39941.0
12.5°	38550.6	38419.8	38372.2	38254.7	38229.1	38128.3	38135.4	38070.8	38102.0	38062.3	38129.9
15°	35719.6	35416.4	35266.4	35002.8	34920.0	34711.6	34694.7	34556.2	34593.7	34521.3	34627.1
17.5°	31536.1	31058.6	30796.6	30411.6	30258.7	29964.0	29904.9	29726.7	29754.3	29664.5	29792.4
20°	26548.3	25971.3	25640.8	25195.6	24996.9	24645.5	24552.3	24353.0	24378.0	24288.6	24433.3
22.5°	21503.6	20899.6	20526.5	20059.8	19806.2	19475.7	19376.5	19176.2	19187.6	19103.8	19242.9
25°	16867.6	16288.6	15926.5	15502.5	15282.4	14979.4	14875.2	14695.4	14705.6	14636.4	14761.3
27.5°	13048.3	12573.2	12270.2	11914.9	11717.6	11468.5	11366.9	11215.6	11215.3	11164.5	11268.8
30°	10196.6	9800.1	9528.1	9218.6	9033.3	8808.5	8710.4	8575.1	8569.2	8533.2	8616.0
32.5°	7983.7	7631.0	7382.9	7110.6	6944.2	6751.3	6658.4	6549.7	6539.8	6507.2	6575.2
35°	6206.3	5909.4	5695.9	5466.6	5483.6	5199.0	5246.3	5025.2	4965.3	4952.2	5002.8
37.5°	4796.7	4566.7	4393.4	4221.7	4105.4	3985.1	3920.3	3862.2	3855.6	3850.0	3885.4
40°	3754.6	3593.6	3467.5	3349.7	3269.7	3196.3	3155.7	3123.8	3116.2	3112.0	3133.5
42.5°	3038.7	2930.2	2848.9	2777.0	2728.3	2688.4	2666.1	2648.5	2642.5	2642.7	2655.3
45°	2567.4	2501.5	2449.1	2404.4	2373.3	2387.0	2346.8	2367.9	2340.1	2368.8	2349.8
47.5°	2260.9	2204.8	2172.4	2140.7	2121.9	2106.8	2107.3	2107.6	2113.6	2114.5	2120.6
50°	2024.5	1992.0	1969.5	1949.2	1939.5	1931.5	1934.3	1936.3	1942.1	1942.5	1947.1
52.5°	1849.5	1828.2	1814.6	1802.0	1797.6	1793.1	1795.0	1794.2	1796.8	1795.4	1799.2
55°	1707.0	1697.0	1692.8	1688.0	1688.8	1687.5	1688.3	1683.8	1681.1	1677.6	1680.8
57.5°	1590.2	1588.8	1591.7	1593.6	1598.9	1600.8	1602.1	1596.9	1592.0	1587.4	1590.1
60°	1500.2	1502.3	1509.5	1515.2	1522.9	1526.5	1528.7	1525.7	1522.1	1518.4	1520.6
62.5°	1411.3	1414.8	1423.3	1429.7	1439.1	1443.9	1449.2	1449.5	1450.9	1449.5	1451.0
65°	1308.2	1312.5	1320.2	1325.5	1334.2	1338.5	1343.9	1344.9	1347.9	1347.3	1349.9
67.5°	1229.8	1233.7	1240.1	1245.2	1252.9	1257.4	1262.2	1262.4	1263.5	1263.2	1265.7
70°	1146.2	1148.1	1153.9	1158.2	1165.9	1170.4	1176.0	1177.6	1181.0	1181.6	1184.3
72.5°	1057.1	1056.3	1059.8	1061.7	1067.5	1071.1	1078.1	1081.9	1087.7	1089.2	1091.3
75°	960.1	959.3	963.4	965.1	970.0	973.6	981.5	986.5	995.4	999.1	998.2
77.5°	847.8	849.7	857.4	861.6	868.3	872.8	883.0	891.1	907.5	914.6	907.3
80°	722.2	724.2	732.2	736.2	744.8	750.3	761.8	771.2	786.0	789.1	785.0
82.5°	567.7	568.4	575.4	578.5	589.7	597.9	612.3	619.8	628.9	627.5	626.5
85°	387.1	392.3	401.3	410.2	424.0	437.1	450.8	462.0	454.1	466.6	452.5
87.5°	206.9	206.4	218.4	216.5	235.7	246.9	258.8	264.4	270.7	269.5	269.5
90°	20.3	18.9	20.7	18.9	21.6	19.7	23.2	21.6	25.8	23.4	27.9
92.5°	5.9	6.1	5.9	6.1	5.9	6.1	5.9	5.9	5.9	5.9	5.9
95°	6.4	6.4	6.4	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
97.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.9	6.9
100°	7.7	7.7	7.7	7.7	7.4	7.4	7.4	7.4	7.4	7.4	7.4
102.5°	8.2	8.2	8.2	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
105°	9.1	9.1	9.0	9.0	8.8	8.8	8.8	8.8	8.8	8.8	8.8
107.5°	10.1	9.9	9.8	9.8	9.6	9.6	9.6	9.6	9.6	9.6	9.6
110°	11.0	10.9	10.7	10.7	10.6	10.4	10.4	10.4	10.4	10.4	10.4



TEST NUMBER: P1444769  
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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°	12.4	12.0	11.8	11.7	11.5	11.5	11.4	11.4	11.4	11.4	11.4
115°	13.8	13.6	13.3	13.2	13.1	12.8	12.7	12.7	12.7	12.7	12.7
117.5°	15.8	15.4	15.1	14.9	14.6	14.4	14.3	14.3	14.1	14.3	14.3
120°	18.4	17.9	17.3	17.0	16.8	16.7	16.2	16.2	16.2	16.2	16.2
122.5°	21.5	20.8	20.2	19.8	19.4	19.1	18.9	18.9	18.9	18.9	18.9
125°	25.3	24.7	23.9	23.4	22.7	22.6	22.3	22.3	22.1	22.3	22.3
127.5°	30.1	29.3	28.3	27.7	27.1	26.8	26.6	26.4	26.4	26.6	26.6
130°	35.6	34.8	33.8	33.2	32.3	32.0	31.7	31.4	31.4	31.4	31.7
132.5°	42.1	41.1	40.2	39.3	38.6	38.2	37.7	37.7	37.5	37.7	37.8
135°	49.2	48.2	47.3	46.5	45.7	45.4	44.8	44.8	44.7	44.8	45.2
137.5°	57.0	56.2	55.1	54.5	53.7	53.4	52.7	52.7	52.7	52.7	53.2
140°	65.3	64.3	63.4	62.7	62.2	61.7	61.4	61.4	61.0	61.4	61.6
142.5°	73.4	72.9	71.9	71.3	70.7	70.4	70.1	70.1	69.9	70.2	70.5
145°	81.4	80.8	80.1	79.6	79.2	79.0	78.5	78.7	78.7	79.0	79.2
147.5°	89.2	88.9	88.3	88.0	87.5	87.5	87.2	87.3	87.3	87.6	87.7
150°	96.3	96.1	95.7	95.5	95.3	95.3	95.2	95.3	95.3	95.5	95.7
152.5°	102.3	102.3	102.0	102.0	101.9	102.0	102.0	102.3	102.4	102.7	102.9
155°	108.0	108.0	108.0	108.2	108.2	108.6	108.6	109.0	109.1	109.6	109.7
157.5°	113.3	113.6	113.6	113.9	114.1	114.4	114.6	115.1	115.2	115.7	116.0
160°	118.4	118.6	118.8	119.2	119.5	119.7	120.2	120.5	121.0	121.4	121.6
162.5°	123.4	123.7	123.9	124.2	124.5	124.8	125.3	125.8	126.1	126.6	127.1
165°	129.1	129.2	129.3	129.5	129.9	130.1	130.4	131.1	131.3	131.9	132.2
167.5°	135.3	135.4	135.3	135.4	135.6	135.9	135.9	136.4	136.7	137.2	137.5
170°	141.3	141.3	141.3	141.3	141.3	141.6	141.7	141.8	142.0	142.4	142.6
172.5°	146.9	146.9	146.6	146.9	146.6	146.9	146.9	147.1	147.1	147.3	147.3
175°	151.1	151.4	151.4	151.5	151.4	151.4	151.4	151.4	151.4	151.5	151.5
177.5°	154.3	154.3	154.3	154.3	154.3	154.5	154.5	154.5	154.5	154.3	154.3
180°	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8



TEST NUMBER: P1444769  
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**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8
2.5°	37558.2	37539.3	37558.6	37539.1	37558.6	37535.2	37551.0	37525.7	37532.2	37505.9	37512.7
5°	38978.3	38948.3	38964.3	38925.4	38929.5	38877.5	38876.5	38816.1	38800.1	38731.2	38701.0
7.5°	40126.6	40116.8	40122.4	40097.3	40094.5	40058.9	40042.1	39992.0	39960.5	39897.2	39853.8
10°	39944.8	39974.1	39981.7	40011.5	40017.7	40047.2	40053.5	40083.0	40089.2	40111.0	40111.3
12.5°	38126.7	38226.2	38249.9	38372.7	38424.4	38564.8	38640.3	38795.1	38887.0	39041.4	39136.2
15°	34624.2	34796.1	34864.8	35104.6	35237.2	35517.0	35693.0	36014.3	36241.2	36582.5	36826.0
17.5°	29803.6	30044.0	30152.5	30477.6	30689.7	31102.8	31400.6	31890.6	32265.9	32810.5	33242.2
20°	24458.0	24725.1	24872.3	25243.3	25493.6	25976.3	26348.0	26950.2	27452.4	28142.6	28732.7
22.5°	19286.5	19540.7	19704.1	20081.5	20363.3	20866.8	21282.2	21917.8	22480.6	23258.2	23965.9
25°	14808.4	15041.3	15189.1	15530.4	15795.1	16257.6	16654.4	17265.8	17816.3	18596.4	19321.9
27.5°	11320.9	11515.9	11658.4	11949.4	12182.8	12575.1	12915.9	13421.2	13895.6	14570.4	15216.5
30°	8667.0	8840.0	8978.5	9232.0	9448.5	9788.5	10088.3	10512.6	10905.2	11442.2	11956.3
32.5°	6623.1	6772.0	6895.4	7117.3	7313.6	7619.9	7889.9	8261.9	8598.9	9054.3	9477.2
35°	5049.8	5342.8	5322.1	5628.0	5677.2	5897.1	6137.9	6463.2	6761.7	7148.9	7508.8
37.5°	3919.5	4001.9	4090.1	4225.4	4367.5	4567.5	4771.0	5168.4	5314.2	5606.9	5904.8
40°	3160.6	3216.4	3274.7	3366.0	3465.6	3606.5	3754.6	3944.3	4138.5	4375.8	4618.2
42.5°	2672.0	2703.6	2740.6	2794.4	2855.8	2945.1	3044.3	3172.8	3307.9	3475.0	3645.4
45°	2387.4	2372.4	2383.4	2412.3	2449.3	2503.6	2566.1	2645.7	2733.7	2841.9	2957.1
47.5°	2121.9	2128.0	2131.2	2146.9	2166.8	2203.2	2241.1	2295.1	2399.5	2431.2	2494.0
50°	1946.6	1949.5	1948.5	1956.5	1966.6	1990.2	2014.9	2051.4	2087.9	2136.3	2182.5
52.5°	1799.7	1803.8	1803.2	1808.5	1813.8	1828.8	1844.4	1870.2	1894.1	1925.0	1951.4
55°	1683.7	1689.3	1691.5	1695.9	1698.5	1706.3	1712.5	1724.9	1735.1	1752.5	1768.6
57.5°	1594.4	1602.1	1605.7	1607.2	1604.0	1603.7	1601.6	1604.2	1606.3	1615.6	1624.7
60°	1524.2	1530.3	1531.3	1530.3	1524.6	1520.5	1513.8	1511.8	1510.7	1515.2	1520.2
62.5°	1450.7	1452.8	1451.3	1449.5	1443.0	1439.0	1432.1	1429.6	1427.3	1430.5	1433.0
65°	1348.9	1350.8	1348.9	1347.8	1341.9	1338.7	1332.9	1331.0	1327.7	1328.6	1328.0
67.5°	1266.2	1268.2	1266.7	1265.1	1261.1	1259.2	1254.9	1252.1	1248.1	1246.7	1243.8
70°	1183.9	1185.5	1183.1	1181.6	1177.0	1175.1	1171.2	1170.3	1167.2	1166.4	1163.3
72.5°	1089.2	1089.3	1086.1	1085.1	1081.6	1081.5	1079.9	1081.3	1081.3	1082.9	1082.2
75°	992.2	990.9	986.8	986.1	983.5	984.7	982.9	985.3	985.5	989.2	989.5
77.5°	895.3	890.1	882.3	878.6	873.3	872.7	869.6	871.7	871.1	875.2	876.8
80°	772.6	766.4	756.4	751.5	745.4	744.5	741.6	744.5	743.0	747.9	751.3
82.5°	616.8	611.5	601.1	597.2	590.0	590.7	587.7	590.7	590.3	597.5	601.6
85°	456.2	452.7	442.0	432.5	421.9	415.7	409.7	408.6	406.8	409.7	412.1
87.5°	263.6	260.2	251.9	246.3	227.8	228.6	221.3	221.0	219.2	217.5	221.3
90°	25.3	28.9	26.6	29.7	27.9	31.7	30.4	34.0	31.4	34.5	32.9
92.5°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.6	5.9
95°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
97.5°	7.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.0	7.0	7.0
100°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.7	7.7	7.7
102.5°	8.1	8.1	8.1	8.1	8.2	8.2	8.2	8.2	8.4	8.4	8.4
105°	8.8	8.8	9.0	9.0	9.0	9.0	9.1	9.1	9.2	9.2	9.5
107.5°	9.6	9.6	9.6	9.8	9.8	9.9	9.9	10.1	10.2	10.4	10.6
110°	10.4	10.6	10.6	10.7	10.7	10.9	11.0	11.2	11.5	11.7	12.0



TEST NUMBER: P1444769  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L935

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	11.5	11.5	11.7	11.8	12.0	12.2	12.4	12.7	13.1	13.3	13.8
115°	12.8	12.8	13.1	13.2	13.5	13.6	14.1	14.4	15.0	15.4	16.0
117.5°	14.4	14.6	14.9	15.0	15.2	15.8	16.2	16.8	17.3	17.9	18.7
120°	16.7	16.8	17.0	17.2	17.8	18.1	18.9	19.5	20.3	21.2	22.1
122.5°	19.1	19.4	19.8	20.2	20.8	21.5	22.3	23.1	24.0	25.0	26.1
125°	22.6	22.9	23.4	23.9	24.7	25.6	26.6	27.5	28.5	29.5	30.9
127.5°	26.9	27.4	27.9	28.5	29.5	30.4	31.4	32.4	33.8	35.1	36.4
130°	32.2	32.7	33.5	34.1	35.3	36.3	37.4	38.5	40.0	41.1	42.6
132.5°	38.5	39.1	39.9	40.7	41.8	42.9	44.2	45.4	46.8	47.9	49.4
135°	45.7	46.2	47.1	47.9	49.2	50.2	51.6	52.7	54.2	55.3	56.7
137.5°	53.7	54.3	55.1	55.9	57.2	58.2	59.5	60.6	61.9	63.1	64.3
140°	62.3	62.7	63.6	64.4	65.4	66.4	67.8	68.7	70.1	71.1	72.1
142.5°	71.2	71.5	72.3	73.1	74.1	75.0	76.0	76.9	77.9	78.8	80.1
145°	79.8	80.1	80.9	81.5	82.4	83.2	84.1	84.9	85.9	86.6	87.6
147.5°	88.3	88.6	89.4	90.1	90.9	91.5	92.3	92.9	93.9	94.6	95.4
150°	96.3	96.6	97.2	97.6	98.4	99.2	100.0	100.5	101.1	101.7	102.6
152.5°	103.5	103.8	104.3	104.8	105.4	105.9	106.6	107.2	107.9	108.3	109.0
155°	110.1	110.7	111.2	111.7	112.3	112.6	113.3	113.7	114.4	114.9	115.6
157.5°	116.6	116.8	117.6	117.8	118.5	118.9	119.5	119.9	120.5	121.0	121.5
160°	122.2	122.8	123.2	123.7	124.3	124.7	125.3	125.8	126.3	126.8	127.3
162.5°	127.6	128.2	128.7	129.1	129.6	130.1	130.6	131.1	131.9	132.1	132.8
165°	132.8	133.2	133.9	134.1	134.9	135.4	135.9	136.4	136.8	137.3	137.8
167.5°	138.0	138.3	139.0	139.4	139.9	140.4	140.9	141.3	141.8	142.1	142.7
170°	142.9	143.4	143.8	144.2	144.7	144.9	145.5	145.7	146.3	146.6	147.1
172.5°	147.6	147.8	148.1	148.2	148.5	148.9	149.2	149.3	149.7	150.0	150.3
175°	151.5	151.5	151.6	151.8	151.9	151.9	152.1	152.4	152.4	152.6	152.7
177.5°	154.3	154.3	154.3	154.3	154.3	154.3	154.3	154.3	154.3	154.3	154.3
180°	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8



TEST NUMBER: P1444769  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L935

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8
2.5°	37486.4	37488.0	37457.8	37456.1	37427.9	37424.2	37396.6	37388.3	37365.9	37357.7	37334.9
5°	38623.8	38586.9	38501.8	38451.7	38367.6	38311.9	38220.9	38161.5	38073.7	38007.5	37919.0
7.5°	39774.0	39716.8	39621.3	39543.9	39427.1	39334.0	39197.4	39085.5	38937.6	38809.6	38654.2
10°	40111.3	40102.5	40078.2	40042.7	39988.4	39927.4	39834.4	39737.5	39607.9	39467.1	39294.4
12.5°	39281.3	39370.9	39493.1	39565.5	39653.7	39692.3	39728.5	39719.4	39695.6	39624.4	39524.6
15°	37178.6	37430.5	37763.9	38022.4	38319.8	38535.8	38774.6	38923.3	39071.6	39140.1	39182.0
17.5°	33833.7	34310.6	34908.6	35404.2	35976.0	36435.2	36938.7	37317.7	37707.5	37986.7	38239.2
20°	29537.3	30228.2	31073.9	31821.1	32689.9	33444.9	34272.3	34951.5	35651.9	36199.7	36718.0
22.5°	24877.0	25697.6	26720.1	27667.3	28787.4	29793.9	30929.6	31918.0	32950.0	33812.2	34645.9
25°	20294.4	21194.3	22312.5	23369.2	24637.7	25808.5	27155.3	28387.3	29721.2	30879.3	32023.3
27.5°	16109.9	16993.4	18134.9	19259.9	20601.1	21848.7	23291.8	24649.1	26167.9	27568.4	29001.3
30°	12670.6	13419.9	14443.4	15533.0	16856.0	18125.5	19584.2	20980.2	22560.2	24089.4	25703.2
32.5°	10038.5	10609.4	11414.0	12335.4	13556.1	14764.6	16153.6	17501.1	19057.0	20601.9	22280.3
35°	7972.4	8417.7	9031.2	9750.2	10783.9	11825.7	13054.2	14279.7	15731.2	17197.1	18828.5
37.5°	6286.7	6647.9	7128.5	7668.5	8497.7	9352.6	10360.1	11376.0	12637.3	13936.7	15415.2
40°	4909.2	5201.8	5575.8	5978.6	6604.7	7263.4	8042.5	8830.4	9843.7	10905.7	12129.3
42.5°	3856.5	4072.4	4336.6	4631.0	5215.1	5564.8	6093.2	6663.0	7407.9	8178.9	9098.8
45°	3097.1	3244.4	3427.6	3625.0	3896.1	4192.9	4554.7	4934.1	5641.8	5988.9	6548.4
47.5°	2586.4	2685.3	2801.8	2926.3	3086.1	3258.7	3473.3	3692.7	3976.4	4270.5	4615.3
50°	2242.4	2343.0	2383.0	2447.5	2540.0	2638.5	2759.5	2880.5	3032.7	3186.9	3364.4
52.5°	1987.2	2019.9	2063.4	2104.5	2161.8	2274.0	2310.2	2373.5	2458.9	2542.3	2635.5
55°	1792.3	1813.6	1841.8	1866.6	1901.3	1934.4	1982.2	2024.3	2081.2	2131.5	2193.4
57.5°	1640.5	1654.1	1673.7	1689.9	1712.4	1731.1	1759.1	1781.9	1814.7	1843.1	1880.6
60°	1530.2	1539.3	1552.5	1563.1	1577.4	1587.2	1601.0	1611.7	1629.0	1643.5	1664.4
62.5°	1440.2	1444.9	1453.5	1459.7	1468.8	1473.7	1481.1	1485.8	1495.3	1502.6	1514.3
65°	1332.1	1333.2	1339.0	1341.6	1348.8	1351.3	1357.4	1359.6	1367.5	1372.8	1383.1
67.5°	1243.6	1241.1	1241.2	1239.2	1240.1	1238.0	1238.7	1236.4	1239.6	1241.2	1249.1
70°	1162.7	1159.3	1158.2	1154.5	1153.4	1149.6	1148.5	1145.1	1144.6	1143.5	1146.2
72.5°	1084.0	1083.1	1083.3	1080.7	1080.4	1077.8	1077.9	1076.3	1078.1	1078.9	1082.4
75°	993.4	993.7	995.4	993.2	993.8	991.6	992.4	990.3	991.4	991.1	994.6
77.5°	883.1	885.8	890.6	889.6	891.1	888.7	889.7	886.8	887.7	885.8	887.1
80°	759.1	764.7	771.1	770.8	773.6	771.7	774.3	771.5	772.6	769.3	768.5
82.5°	611.9	616.6	623.5	623.7	629.8	630.9	637.6	637.3	641.6	638.9	636.9
85°	418.4	421.5	427.5	430.9	437.0	440.8	447.4	450.0	445.3	453.8	447.1
87.5°	218.4	226.6	222.1	232.6	230.1	240.8	238.5	248.4	246.5	255.0	254.0
90°	37.4	36.3	41.1	40.4	46.6	46.8	53.2	52.7	59.0	58.8	65.0
92.5°	5.6	5.9	5.9	5.9	5.9	6.1	5.9	5.9	5.9	6.1	5.9
95°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.4	6.4	6.4	6.4
97.5°	7.0	7.0	7.0	7.0	7.2	7.2	7.2	7.2	7.2	7.3	7.3
100°	7.7	7.8	7.8	7.8	8.0	8.0	8.1	8.1	8.2	8.2	8.2
102.5°	8.7	8.7	8.8	9.0	9.0	9.1	9.2	9.5	9.5	9.6	9.6
105°	9.6	9.8	9.9	10.1	10.2	10.6	10.7	10.9	11.0	11.2	11.2
107.5°	10.9	11.0	11.4	11.5	11.8	12.2	12.5	12.7	13.1	13.2	13.3
110°	12.4	12.7	13.1	13.5	13.8	14.3	14.6	15.0	15.2	15.5	15.8



TEST NUMBER: P1444769  
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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°	14.1	14.9	15.1	15.8	16.2	16.8	17.2	17.8	18.0	18.6	18.9
115°	16.7	17.2	17.9	18.6	19.1	19.8	20.3	20.9	21.5	22.0	22.3
117.5°	19.4	20.3	20.9	22.0	22.6	23.4	24.0	24.7	25.3	25.8	26.4
120°	22.9	23.9	24.9	25.8	26.6	27.5	28.3	29.2	29.7	30.4	30.9
122.5°	27.1	28.3	29.3	30.4	31.2	32.2	33.0	34.0	34.6	35.4	36.0
125°	32.0	33.2	34.3	35.4	36.4	37.5	38.3	39.3	40.2	41.1	41.8
127.5°	37.5	38.9	40.0	41.2	42.2	43.4	44.2	45.4	46.2	47.1	47.9
130°	43.7	45.2	46.3	47.4	48.4	49.8	50.6	51.7	52.7	53.7	54.6
132.5°	50.6	51.8	52.9	54.3	55.3	56.4	57.4	58.5	59.3	60.5	61.4
135°	57.9	59.1	60.1	61.4	62.3	63.4	64.3	65.4	66.3	67.5	68.4
137.5°	65.3	66.7	67.6	68.7	69.6	70.7	71.5	72.6	73.4	74.7	75.5
140°	73.1	74.2	75.0	76.1	76.9	77.9	78.8	79.8	80.6	81.5	82.2
142.5°	80.9	81.9	82.7	83.7	84.4	85.4	85.9	86.7	87.6	88.4	89.1
145°	88.4	89.4	90.1	90.9	91.3	92.3	92.8	93.6	94.1	94.9	95.4
147.5°	96.1	96.9	97.3	98.2	98.4	99.2	99.7	100.2	100.8	101.1	101.6
150°	103.0	103.8	104.2	104.8	105.1	105.9	106.1	106.6	106.9	107.2	107.7
152.5°	109.6	110.1	110.6	110.9	111.4	111.8	111.9	112.5	112.6	112.7	113.0
155°	115.9	116.6	116.8	117.4	117.6	117.9	117.9	118.4	118.5	118.6	118.6
157.5°	121.9	122.4	122.9	123.2	123.4	123.9	124.0	124.3	124.3	124.5	124.5
160°	127.7	128.2	128.5	128.8	129.2	129.3	129.5	129.9	130.1	130.1	130.1
162.5°	133.0	133.6	133.9	134.1	134.6	134.9	135.0	135.3	135.4	135.6	135.6
165°	138.1	138.6	139.0	139.4	139.6	139.9	140.1	140.4	140.4	140.7	140.7
167.5°	142.9	143.6	143.8	144.2	144.4	144.7	144.7	145.2	145.2	145.3	145.3
170°	147.3	147.6	147.9	148.2	148.4	148.5	148.7	148.9	148.9	149.0	149.0
172.5°	150.5	150.8	150.8	151.1	151.1	151.4	151.5	151.5	151.6	151.6	151.6
175°	152.7	152.9	153.2	153.2	153.2	153.3	153.3	153.3	153.3	153.3	153.3
177.5°	154.3	154.3	154.3	154.3	154.3	154.3	154.3	154.3	154.3	154.3	154.1
180°	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8



TEST NUMBER: P1444769  
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**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8	37093.8
2.5°	37326.8	37310.6	37300.2	37286.8	37278.7	37268.3	37260.8	37254.4	37249.1	37244.3	37240.7
5°	37851.7	37768.2	37703.5	37633.3	37575.8	37518.3	37474.0	37437.3	37412.0	37393.1	37381.8
7.5°	38519.9	38367.2	38231.4	38088.4	37960.2	37834.3	37725.6	37632.0	37561.7	37516.2	37488.6
10°	39116.7	38912.2	38710.0	38497.2	38295.4	38099.7	37919.0	37760.1	37634.3	37550.8	37501.9
12.5°	39384.3	39210.1	39003.6	38772.5	38525.2	38274.9	38031.1	37811.1	37626.5	37502.6	37431.1
15°	39148.6	39077.1	38937.0	38757.6	38523.0	38264.2	37977.9	37708.7	37461.1	37300.5	37207.4
17.5°	38382.2	38482.0	38471.2	38402.7	38233.9	38016.2	37724.4	37422.1	37112.4	36897.7	36780.5
20°	37088.8	37402.6	37561.7	37643.4	37577.1	37435.9	37171.7	36864.8	36503.9	36223.7	36052.7
22.5°	35271.2	35825.2	36170.3	36422.9	36476.5	36428.4	36195.1	35903.2	35500.9	35164.0	34911.5
25°	32931.5	33743.0	34288.5	34716.1	34882.3	34925.1	34726.6	34436.4	33987.8	33595.4	33248.6
27.5°	30175.5	31229.9	31958.3	32533.0	32792.3	32904.8	32722.1	32426.0	31895.4	31427.0	30973.9
30°	27072.9	28323.9	29200.8	29889.8	30206.0	30354.7	30160.5	29830.1	29212.5	28648.9	28078.1
32.5°	23752.1	25121.0	26076.6	26824.9	27138.2	27278.0	27024.1	26652.9	25939.1	25275.2	24609.5
35°	20275.2	21657.0	22620.6	23349.0	23611.6	23695.9	23371.1	22942.1	22151.3	21422.5	20696.8
37.5°	16727.6	18013.1	18888.9	19542.6	19705.1	19719.6	19328.5	18854.5	18023.4	17304.8	16582.3
40°	13210.6	14294.7	15001.8	15525.1	15581.4	15531.1	15105.8	14628.9	13851.3	13207.6	12573.2
42.5°	9897.7	10716.1	11220.6	11579.2	11557.9	11458.4	11068.5	10658.5	10017.0	9526.7	9027.5
45°	7059.6	7599.1	7894.1	8103.9	8036.6	7941.9	7638.4	7351.0	6915.1	6598.3	6262.9
47.5°	4904.4	5548.7	5436.5	5846.7	5493.4	5726.7	5240.7	4972.7	4741.4	4573.1	4383.5
50°	3511.1	3658.8	3730.1	3778.8	3752.9	3717.0	3629.8	3551.6	3446.0	3368.9	3279.2
52.5°	2711.6	2785.3	2825.8	2855.0	2849.3	2836.3	2798.1	2763.4	2713.9	2681.3	2641.9
55°	2296.8	2297.9	2372.2	2340.3	2387.5	2332.3	2354.0	2292.8	2302.7	2250.1	2214.9
57.5°	1908.5	1938.8	1952.4	1965.6	1961.9	1959.6	1944.8	1937.5	1920.8	1915.7	1903.8
60°	1678.8	1694.7	1697.9	1704.0	1698.9	1697.0	1685.4	1681.3	1670.2	1668.1	1660.3
62.5°	1521.3	1529.4	1529.4	1529.4	1522.8	1516.5	1503.7	1497.0	1487.5	1485.4	1480.9
65°	1389.9	1398.3	1399.6	1401.4	1396.6	1391.7	1380.3	1373.1	1363.3	1359.6	1354.4
67.5°	1254.2	1263.2	1266.1	1270.7	1268.0	1267.0	1259.3	1256.4	1249.9	1248.4	1243.6
70°	1147.6	1151.3	1151.0	1150.9	1144.9	1139.5	1130.6	1126.3	1119.6	1118.2	1113.8
72.5°	1084.2	1086.9	1085.2	1082.9	1075.1	1067.1	1056.6	1048.9	1040.1	1034.7	1028.4
75°	995.1	998.5	996.2	994.8	987.7	982.6	974.1	969.9	963.7	961.9	957.6
77.5°	885.5	887.1	883.6	883.1	877.8	874.5	868.2	867.1	862.6	862.6	858.6
80°	763.5	762.6	756.8	755.7	750.3	749.0	744.0	744.3	740.7	742.2	739.3
82.5°	628.3	624.8	617.3	615.0	608.9	608.3	605.1	607.8	605.6	608.9	607.0
85°	450.3	451.2	447.9	447.9	446.1	446.6	446.4	448.5	448.7	451.7	451.6
87.5°	251.1	254.6	254.0	257.2	257.0	260.8	262.0	267.5	268.2	273.3	273.3
90°	64.9	71.6	71.3	78.2	78.5	85.1	86.4	92.9	93.4	99.2	98.7
92.5°	5.9	5.9	6.1	5.9	5.9	5.6	6.2	5.6	5.9	5.6	5.6
95°	6.4	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.3	6.3	6.3
97.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.2	7.2	7.2	7.2	7.2
100°	8.2	8.2	8.4	8.2	8.2	8.2	8.2	8.2	8.2	8.1	8.1
102.5°	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.6	9.6	9.6	9.6
105°	11.4	11.4	11.5	11.5	11.5	11.5	11.5	11.4	11.4	11.4	11.4
107.5°	13.5	13.5	13.6	13.6	13.8	13.8	13.8	13.6	13.8	13.6	13.6
110°	16.0	16.2	16.4	16.4	16.7	16.7	16.7	16.7	16.8	16.7	16.7



TEST NUMBER: P1444769  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L935

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	19.1	19.4	19.7	19.7	19.9	19.9	20.2	20.2	20.3	20.2	20.3
115°	22.7	23.1	23.4	23.5	23.9	24.0	24.3	24.3	24.7	24.7	24.7
117.5°	26.9	27.4	27.7	28.2	28.5	28.7	29.2	29.3	29.5	29.5	29.5
120°	31.4	32.0	32.7	33.2	33.7	34.0	34.5	34.6	34.9	34.9	35.1
122.5°	36.9	37.4	38.2	38.6	39.3	39.9	40.2	40.7	41.0	41.0	41.1
125°	42.8	43.4	44.2	44.8	45.7	46.2	46.8	47.0	47.4	47.4	47.6
127.5°	48.9	49.8	50.8	51.4	52.4	52.7	53.5	53.7	54.3	54.3	54.5
130°	55.6	56.4	57.5	58.3	59.1	59.8	60.6	60.9	61.4	61.4	61.6
132.5°	62.5	63.4	64.4	65.3	66.3	67.0	67.8	68.1	68.6	68.6	68.7
135°	69.6	70.4	71.5	72.3	73.2	74.1	74.8	75.2	75.8	75.8	75.9
137.5°	76.6	77.4	78.4	79.2	80.1	80.8	81.5	81.9	82.4	82.7	82.7
140°	83.3	84.0	85.1	85.7	86.6	87.3	88.0	88.4	88.9	88.9	89.1
142.5°	89.9	90.5	91.5	92.1	92.8	93.4	93.9	94.3	94.7	94.9	94.9
145°	96.1	96.5	97.3	97.9	98.4	98.9	99.4	99.8	100.0	100.0	100.1
147.5°	102.3	102.6	103.0	103.4	104.0	104.3	104.6	104.8	105.1	105.1	105.1
150°	107.9	108.0	108.3	108.6	108.9	109.0	109.1	109.4	109.6	109.4	109.4
152.5°	113.1	113.3	113.4	113.4	113.6	113.6	113.6	113.4	113.4	113.3	113.1
155°	118.8	118.8	118.8	118.6	118.8	118.6	118.5	118.4	118.1	117.8	117.6
157.5°	124.5	124.3	124.5	124.3	124.2	124.0	123.9	123.4	123.2	122.8	122.4
160°	130.1	130.1	130.1	129.9	129.6	129.3	129.2	128.7	128.4	127.9	127.4
162.5°	135.6	135.6	135.4	135.3	135.0	134.9	134.6	134.0	133.8	133.2	132.8
165°	140.8	140.7	140.7	140.4	140.2	139.9	139.8	139.3	139.0	138.4	138.0
167.5°	145.3	145.3	145.2	144.9	144.7	144.7	144.4	143.9	143.7	143.1	142.8
170°	149.0	148.9	148.9	148.7	148.5	148.4	148.1	147.8	147.4	147.1	146.6
172.5°	151.5	151.5	151.4	151.1	151.1	150.9	150.6	150.5	150.1	149.8	149.7
175°	153.2	153.2	152.9	152.9	152.7	152.6	152.4	152.4	152.1	151.9	151.6
177.5°	154.1	154.1	153.8	153.8	153.7	153.7	153.5	153.4	153.4	153.3	153.2
180°	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8



TEST NUMBER: P1444769  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L935

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	37093.8	37093.8
2.5°	37237.4	37235.5
5°	37375.8	37373.7
7.5°	37481.1	37480.5
10°	37493.6	37500.0
12.5°	37418.8	37424.0
15°	37200.3	37210.5
17.5°	36782.6	36796.0
20°	36063.1	36077.1
22.5°	34897.9	34903.6
25°	33203.8	33179.7
27.5°	30894.2	30852.9
30°	27958.3	27918.2
32.5°	24457.7	24432.7
35°	20517.3	20501.5
37.5°	16368.8	16336.6
40°	12341.3	12247.6
42.5°	8808.9	8644.4
45°	6087.7	5892.7
47.5°	4249.9	4129.3
50°	3221.3	3182.4
52.5°	2624.8	2615.8
55°	2214.7	2210.7
57.5°	1906.5	1905.1
60°	1664.4	1664.0
62.5°	1483.9	1484.6
65°	1356.8	1357.0
67.5°	1244.8	1244.0
70°	1115.4	1114.5
72.5°	1026.4	1024.9
75°	957.6	956.7
77.5°	859.7	858.3
80°	741.3	739.3
82.5°	609.7	607.5
85°	454.8	454.9
87.5°	278.2	278.2
90°	104.2	103.0
92.5°	5.9	6.2
95°	6.3	6.3
97.5°	7.2	7.2
100°	8.1	8.1
102.5°	9.6	9.6
105°	11.4	11.4
107.5°	13.6	13.6
110°	16.7	16.7



TEST NUMBER: P1444769  
CATALOG NUMBER: EHBR1-48-UNV-TA-L935

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	20.2	20.2
115°	24.3	24.3
117.5°	29.5	29.3
120°	34.8	34.8
122.5°	40.8	40.7
125°	47.3	47.1
127.5°	54.2	53.9
130°	61.0	60.9
132.5°	68.4	68.1
135°	75.5	75.2
137.5°	82.2	81.9
140°	88.6	88.4
142.5°	94.7	94.4
145°	100.0	99.7
147.5°	104.6	104.5
150°	109.0	108.8
152.5°	112.6	112.3
155°	117.0	116.6
157.5°	121.6	121.3
160°	126.8	126.3
162.5°	132.1	131.7
165°	137.3	136.8
167.5°	142.1	141.8
170°	146.3	146.0
172.5°	149.3	149.0
175°	151.5	151.4
177.5°	153.2	152.9
180°	153.8	153.8

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



**Test Conditions**

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

REPORT NUMBER: SP1-2506-472-6

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

REPORT NUMBER: SP1-2506-472-6

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-6

**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			

REPORT NUMBER: SP1-2506-472-6

**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.62**

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			

REPORT NUMBER: SP1-2506-472-6

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**

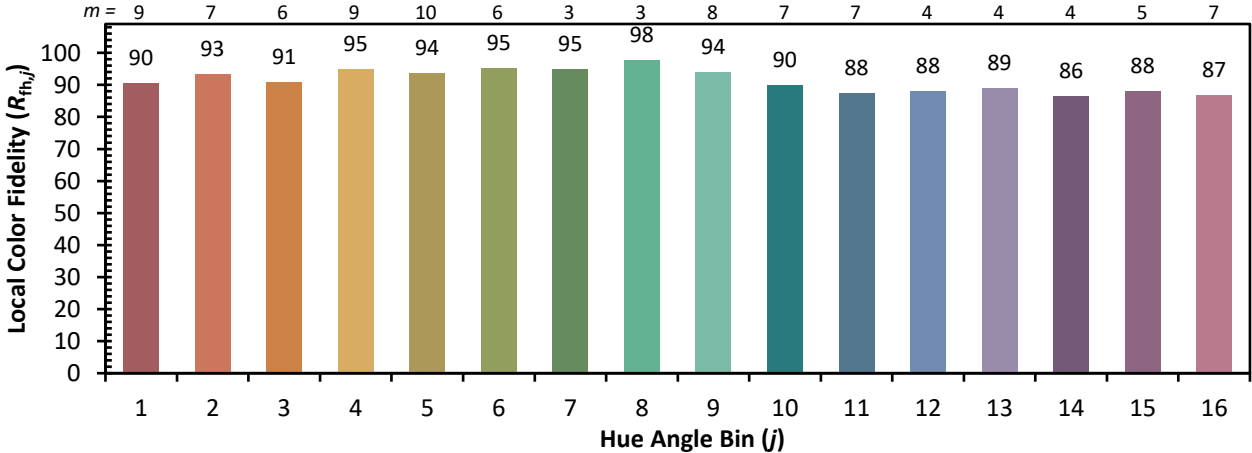


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

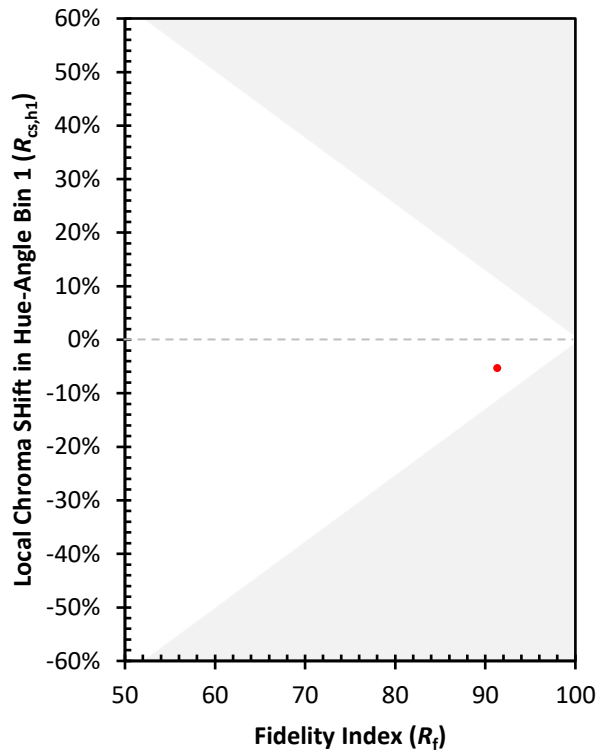
CES01 = 86	CES26 = 94	CES51 = 97	CES76 = 90
CES02 = 63	CES27 = 92	CES52 = 98	CES77 = 86
CES03 = 31	CES28 = 97	CES53 = 98	CES78 = 86
CES04 = 70	CES29 = 97	CES54 = 93	CES79 = 90
CES05 = 50	CES30 = 92	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 97	CES56 = 96	CES81 = 74
CES07 = 43	CES32 = 89	CES57 = 94	CES82 = 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)