

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: P1444689

Luminaire Tested: EHBR1-42-UNV-TA-L930

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444689
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: EHBR1-42-UNV-TA-L930
Description: Elevate Round Highbay at, 42000 lumens, 3000K 90CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

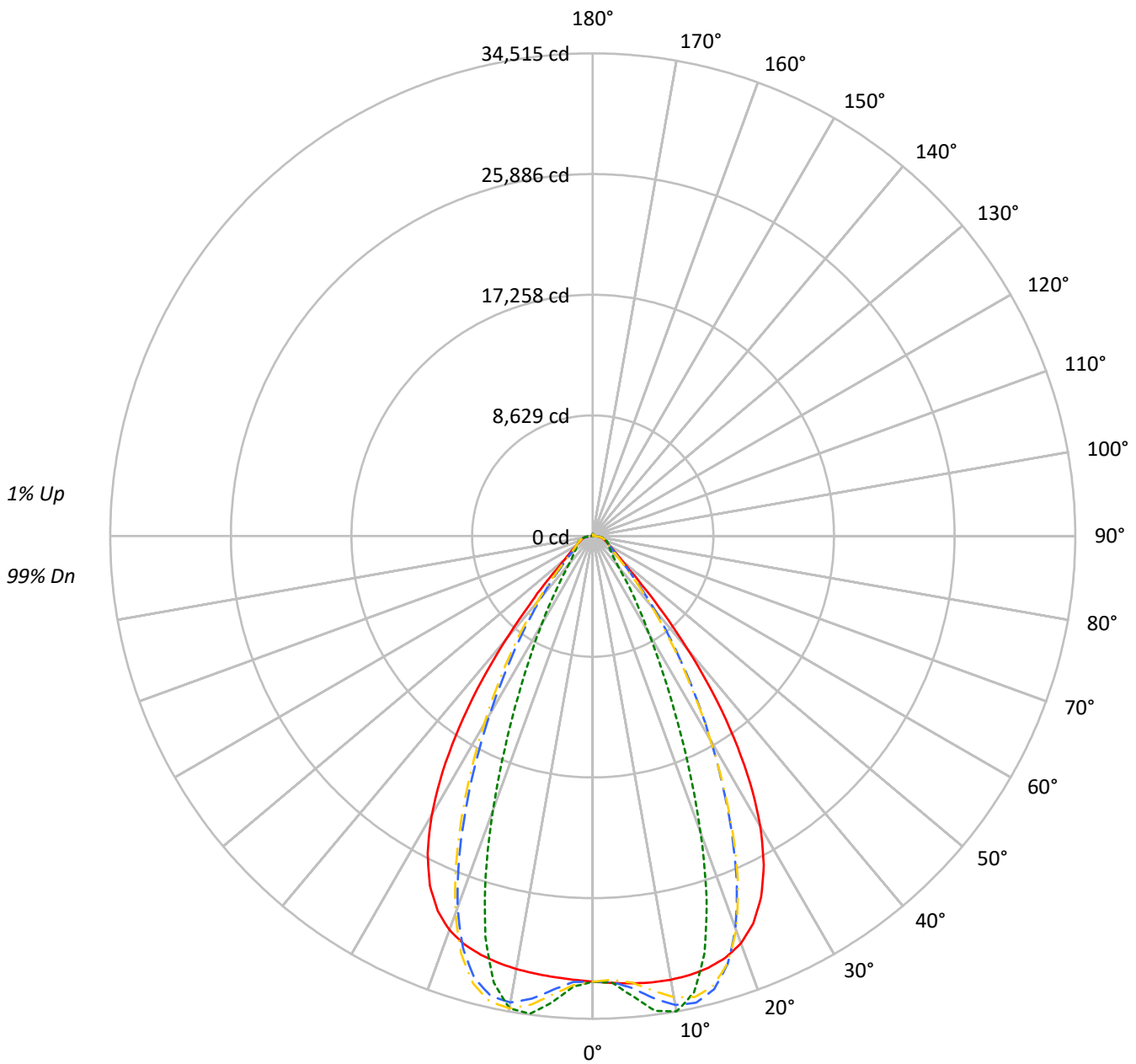
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 36886.0 lumens
Efficiency: N/A
Efficacy: 164.4 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): 224.4
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°	149618	149618	149618	149618
5°	151322	155735	149204	157774
10°	153589	164585	149906	163497
15°	155383	150201	150652	144153
20°	154855	112679	149787	104255
25°	147665	71792	142785	65139
30°	130028	43487	124992	39743
35°	100949	27528	95143	24385
40°	64488	17437	59001	16386
45°	33613	13738	33056	13512
50°	19970	12383	19357	12189
55°	15546	11904	14971	11797
60°	13423	12410	12852	12249
65°	12951	13312	12455	12858
70°	13144	14480	12489	13934
75°	14909	16290	14104	15571
80°	17173	20080	15572	18330
85°	21052	25217	17010	21590

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 51441 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3139.9	8.5
10°-20°	8832.8	23.9
20°-30°	10059.9	27.3
30°-40°	7230.6	19.6
40°-50°	3334.7	9.0
50°-60°	1595.8	4.3
60°-70°	1164.4	3.2
70°-80°	884.6	2.4
80°-90°	402.4	1.1
90°-100°	13.0	0.0
100°-110°	9.4	0.0
110°-120°	16.1	0.0
120°-130°	26.9	0.1
130°-140°	39.6	0.1
140°-150°	47.1	0.1
150°-160°	44.3	0.1
160°-170°	32.4	0.1
170°-180°	12.2	0.0
0°-30°	22032.5	59.7
0°-40°	29263.1	79.3
0°-60°	34193.6	92.7
0°-90°	36644.9	99.3
90°-120°	38.6	0.1
90°-150°	152.2	0.4
90°-180°	241.0	0.7
0°-180°	36886.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	31860	31860	31860	31860	31860	
5°	32100	33036	31651	33469	32100	3068
15°	31960	30894	30987	29650	31960	9005
25°	28498	13855	27556	12571	28498	12919
35°	17609	4802	16596	4254	17609	10807
45°	5061	2069	4977	2035	5061	4305
55°	1899	1454	1828	1441	1899	1753
65°	1166	1198	1121	1157	1166	1164
75°	822	898	777	858	822	854
85°	391	468	316	401	391	367
90°	88	117	13	20	88	58
95°	5	5	6	5	5	5
105°	10	7	10	8	10	11
115°	21	10	22	11	21	21
125°	40	18	42	19	40	36
135°	65	35	67	38	65	50
145°	86	63	88	68	86	53
155°	100	90	102	94	100	46
165°	118	111	120	113	118	33
175°	130	129	131	130	130	12
180°	132	132	132	132	132	



TEST NUMBER: P1444689
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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0
2.5°	31981.7	31979.2	31978.6	31976.4	31975.8	31975.8	31974.7	31972.1	31970.5	31966.9	31962.7
5°	32100.4	32098.9	32099.8	32100.0	32097.8	32092.8	32085.0	32075.5	32063.5	32052.1	32041.9
7.5°	32192.1	32194.4	32197.2	32196.6	32189.6	32178.0	32162.0	32153.0	32158.4	32175.7	32215.4
10°	32208.9	32222.6	32227.9	32226.3	32212.3	32202.3	32206.2	32239.9	32307.1	32396.7	32519.3
12.5°	32143.6	32160.3	32159.8	32154.2	32140.7	32154.4	32203.4	32303.8	32447.9	32624.6	32832.0
15°	31960.3	31981.9	31975.8	31968.6	31959.6	32004.6	32102.2	32276.8	32499.2	32748.5	33003.7
17.5°	31604.3	31630.5	31617.7	31609.5	31601.9	31686.2	31854.0	32109.6	32389.8	32671.7	32913.6
20°	30986.7	31004.2	30974.0	30959.6	30971.7	31136.9	31384.0	31710.4	32005.7	32272.3	32437.6
22.5°	29978.9	30000.7	29943.7	29937.1	30007.4	30261.2	30573.9	30938.8	31216.3	31427.5	31491.3
25°	28498.2	28519.7	28451.9	28492.4	28612.2	28957.7	29330.2	29720.4	29957.2	30113.7	30070.5
27.5°	26499.6	26519.2	26455.0	26537.7	26727.0	27181.1	27619.3	28042.6	28253.7	28363.4	28224.4
30°	23979.0	24019.8	23943.8	24059.2	24348.2	24937.7	25439.9	25914.6	26125.0	26208.5	25992.1
32.5°	20985.3	21043.3	20959.6	21131.2	21534.4	22242.6	22813.1	23343.5	23576.2	23671.4	23427.2
35°	17608.8	17692.0	17595.9	17853.6	18350.8	19139.4	19771.2	20363.3	20638.9	20774.0	20527.7
37.5°	14031.5	14110.7	14058.8	14402.5	14948.5	15765.9	16410.8	17049.6	17360.8	17563.6	17369.5
40°	10519.5	10592.0	10631.3	11024.4	11537.8	12308.3	12927.7	13559.8	13907.9	14162.3	14042.7
42.5°	7424.7	7497.8	7631.4	8010.7	8438.9	9076.7	9607.2	10174.7	10507.3	10778.8	10732.6
45°	5061.2	5146.2	5313.6	5624.2	5933.8	6391.3	6780.9	7222.3	7493.9	7742.7	7745.6
47.5°	3546.6	3606.3	3755.9	3968.0	4169.9	4742.6	4766.2	4983.1	5165.8	5351.6	5375.7
50°	2733.4	2769.2	2848.6	2966.8	3081.2	3229.8	3366.0	3523.2	3635.6	3737.5	3761.9
52.5°	2246.7	2269.5	2309.8	2373.8	2440.2	2521.0	2593.9	2680.2	2741.4	2795.9	2807.4
55°	1898.8	1917.6	1977.8	1989.9	2065.8	2080.5	2112.9	2165.4	2200.9	2233.6	2241.8
57.5°	1636.3	1650.0	1662.8	1690.0	1713.4	1747.4	1774.8	1812.5	1834.9	1858.6	1860.5
60°	1429.2	1439.1	1448.2	1467.1	1483.0	1506.6	1525.5	1551.2	1567.2	1585.0	1586.9
62.5°	1275.1	1282.2	1288.2	1300.7	1312.1	1330.3	1345.3	1366.7	1381.6	1395.3	1398.4
65°	1165.5	1170.7	1174.6	1184.1	1194.0	1209.5	1223.0	1240.6	1251.5	1262.0	1264.3
67.5°	1068.5	1073.5	1077.5	1086.0	1092.9	1104.5	1113.6	1126.7	1135.0	1143.3	1143.6
70°	957.3	961.9	964.9	972.9	978.5	988.5	995.8	1007.5	1016.1	1025.3	1027.8
72.5°	880.3	882.9	887.1	894.4	902.1	912.7	922.5	934.8	945.1	954.8	958.9
75°	821.7	824.9	827.6	833.8	839.2	848.2	855.5	866.7	875.6	886.1	891.1
77.5°	737.2	740.8	743.2	749.4	754.1	762.6	768.1	778.1	785.5	794.9	799.5
80°	635.0	638.4	640.1	646.0	649.6	657.6	662.9	672.5	678.7	688.1	693.7
82.5°	521.8	525.1	526.0	531.6	533.6	540.1	544.0	553.9	561.4	573.7	582.3
85°	390.7	391.9	393.8	392.4	400.3	400.7	409.7	411.3	423.2	426.2	439.7
87.5°	238.8	242.4	244.2	249.6	252.0	257.5	259.1	264.8	268.1	274.6	277.7
90°	88.4	93.0	94.0	99.5	100.3	105.2	105.7	111.2	112.2	118.0	118.9
92.5°	5.3	5.3	5.2	5.5	5.5	6.2	6.6	6.9	7.0	7.6	7.7
95°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3
97.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
100°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9
102.5°	8.3	8.3	8.3	8.3	8.3	8.1	8.3	8.1	8.1	8.1	7.9
105°	9.8	9.7	9.8	9.7	9.7	9.7	9.7	9.4	9.4	9.4	9.4
107.5°	11.7	11.6	11.6	11.6	11.6	11.5	11.5	11.3	11.2	11.0	11.0
110°	14.3	14.1	14.1	13.9	13.8	13.8	13.7	13.4	13.4	13.1	13.0



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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°	17.4	17.1	17.0	16.8	16.8	16.4	16.3	16.0	16.0	15.6	15.3
115°	20.9	20.7	20.6	20.2	20.1	19.7	19.5	19.2	18.9	18.4	18.2
117.5°	25.1	24.8	24.6	24.3	23.9	23.5	23.2	22.6	22.2	21.7	21.4
120°	29.9	29.4	29.1	28.6	28.2	27.6	27.3	26.6	26.1	25.4	25.0
122.5°	34.9	34.5	34.2	33.5	33.1	32.3	31.9	30.9	30.5	29.8	29.1
125°	40.5	39.9	39.7	38.9	38.2	37.5	36.8	36.0	35.3	34.4	33.7
127.5°	46.3	45.8	45.4	44.6	43.8	43.0	42.2	41.2	40.5	39.3	38.6
130°	52.3	51.9	51.2	50.4	49.7	48.7	47.9	46.8	45.9	44.7	43.8
132.5°	58.5	58.0	57.4	56.6	55.7	54.5	53.7	52.4	51.5	50.4	49.4
135°	64.6	63.9	63.4	62.6	61.8	60.6	59.5	58.4	57.3	56.0	55.0
137.5°	70.4	69.8	69.2	68.3	67.5	66.1	65.1	63.9	62.8	61.5	60.4
140°	75.9	75.3	74.6	73.7	72.9	71.8	70.6	69.4	68.3	66.9	66.0
142.5°	81.1	80.4	79.8	78.9	78.1	76.9	75.8	74.5	73.4	72.2	71.2
145°	85.6	85.0	84.4	83.6	82.7	81.5	80.6	79.2	78.2	77.1	76.0
147.5°	89.7	89.1	88.7	87.9	87.2	86.0	85.0	83.9	82.9	81.8	81.0
150°	93.4	92.9	92.4	91.8	90.9	90.0	89.0	88.0	87.2	86.1	85.3
152.5°	96.5	95.9	95.5	94.8	94.1	93.0	92.4	91.4	90.5	89.6	88.8
155°	100.2	99.5	98.9	98.4	97.7	96.9	96.0	95.2	94.5	93.5	92.8
157.5°	104.2	103.5	102.9	102.1	101.7	100.9	100.2	99.3	98.6	97.8	97.1
160°	108.5	107.9	107.3	106.6	106.0	105.1	104.5	103.6	103.2	102.4	101.8
162.5°	113.1	112.4	111.8	111.1	110.5	109.7	109.1	108.5	107.9	107.1	106.5
165°	117.5	117.0	116.4	115.8	115.2	114.7	114.1	113.4	112.7	112.0	111.6
167.5°	121.8	121.3	120.9	120.3	119.8	119.2	118.7	118.1	117.7	117.0	116.6
170°	125.4	124.8	124.5	124.1	123.6	123.2	122.8	122.4	121.8	121.4	121.0
172.5°	128.0	127.5	127.3	127.1	126.5	126.4	126.0	125.7	125.4	124.9	124.8
175°	130.0	129.7	129.6	129.3	129.0	128.9	128.7	128.5	128.5	128.1	127.9
177.5°	131.3	131.2	131.2	131.1	131.1	130.9	130.8	130.6	130.5	130.5	130.4
180°	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2



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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°	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0
2.5°	31959.6	31955.7	31950.5	31943.7	31937.9	31931.2	31915.3	31910.5	31915.8	31919.4	31926.7
5°	32035.6	32037.8	32038.6	32053.1	32065.7	32097.0	32342.1	32439.5	32514.8	32562.7	32635.3
7.5°	32264.5	32338.2	32411.0	32509.0	32593.6	32707.8	33136.7	33319.2	33448.9	33542.2	33657.0
10°	32652.5	32813.4	32964.1	33140.8	33292.6	33466.6	33865.8	34043.6	34155.9	34237.6	34313.9
12.5°	33043.4	33266.4	33468.0	33664.6	33828.9	33979.7	34120.1	34182.3	34187.6	34190.3	34149.7
15°	33246.9	33460.1	33637.7	33767.8	33864.4	33907.0	33665.4	33538.6	33378.3	33246.4	33029.2
17.5°	33118.5	33246.4	33323.1	33315.5	33275.6	33141.9	32457.3	32080.7	31706.9	31370.1	30928.3
20°	32547.3	32537.5	32470.8	32281.8	32054.0	31699.8	30526.1	29848.9	29194.2	28619.1	27921.5
22.5°	31484.8	31317.5	31084.5	30676.8	30224.1	29605.2	27923.1	26927.1	26015.7	25210.5	24308.5
25°	29945.1	29601.2	29171.3	28524.2	27820.5	26917.8	24844.8	23605.8	22511.5	21562.4	20521.6
27.5°	27974.7	27456.6	26826.6	25931.0	24977.7	23821.3	21523.0	20155.6	18980.8	17963.2	16855.6
30°	25642.1	24968.2	24154.6	23043.1	21893.1	20581.7	18250.5	16865.6	15676.6	14629.7	13521.3
32.5°	23005.8	22216.6	21263.3	20015.7	18772.1	17423.6	15172.4	13831.9	12696.0	11688.9	10685.6
35°	20098.3	19252.0	18243.3	16970.9	15734.7	14423.7	12358.1	11149.3	10146.2	9256.1	8446.0
37.5°	16979.4	16148.4	15189.7	13990.4	12844.2	11656.2	9873.8	8861.0	8019.2	7280.3	6654.8
40°	13736.7	13009.5	12180.0	11143.2	10164.9	9175.5	7712.5	6908.5	6244.1	5680.7	5211.9
42.5°	10533.6	9970.1	9334.0	8514.7	7766.0	7012.7	5886.6	5290.9	4798.9	4393.3	4061.8
45°	7642.5	7265.5	6838.9	6269.3	5751.3	5225.8	4424.3	4005.8	3685.3	3423.8	3202.6
47.5°	5342.5	5123.8	5110.5	4584.1	4204.2	3883.0	3366.6	3102.2	2905.9	2747.4	2607.4
50°	3751.9	3646.1	3514.7	3326.8	3150.5	2968.9	2654.3	2494.5	2379.5	2283.5	2195.0
52.5°	2804.8	2749.9	2679.8	2580.2	2484.7	2382.5	2183.5	2081.7	2045.5	1956.1	1886.0
55°	2240.2	2208.8	2168.9	2110.4	2052.3	2029.0	1858.4	1782.8	1735.0	1699.8	1662.1
57.5°	1860.9	1837.4	1813.7	1774.1	1740.5	1699.8	1609.1	1570.5	1541.9	1521.2	1495.1
60°	1587.3	1573.2	1560.0	1536.8	1518.6	1496.7	1439.1	1417.3	1402.4	1389.9	1373.2
62.5°	1401.0	1393.7	1387.0	1374.5	1365.3	1353.4	1314.1	1303.6	1296.2	1289.8	1279.7
65°	1266.5	1261.3	1257.5	1249.3	1244.7	1237.7	1203.9	1196.8	1192.3	1189.9	1184.1
67.5°	1144.3	1138.9	1136.4	1130.5	1128.5	1124.2	1096.5	1092.7	1091.1	1091.8	1089.8
70°	1030.0	1027.8	1028.9	1028.0	1030.6	1031.4	1014.7	1014.5	1016.3	1019.8	1020.2
72.5°	961.5	961.5	962.8	963.4	965.9	967.1	953.1	952.4	953.3	955.8	955.9
75°	896.3	897.4	900.9	902.1	905.0	905.7	887.2	885.1	885.3	887.7	886.9
77.5°	806.1	810.0	816.7	820.3	825.9	827.0	806.3	803.9	804.0	806.5	804.3
80°	703.7	711.2	721.9	729.4	738.1	741.6	720.4	715.3	710.6	709.9	705.6
82.5°	595.0	604.1	616.9	623.7	633.0	635.1	599.6	592.9	588.9	589.2	585.3
85°	454.2	461.1	472.7	476.6	482.4	481.8	441.3	423.9	428.5	421.3	426.9
87.5°	284.9	288.9	296.2	297.2	300.0	299.3	258.4	250.4	248.1	248.2	245.2
90°	124.3	125.8	131.1	130.0	133.0	131.3	97.0	92.1	90.2	92.8	89.7
92.5°	8.1	8.1	8.5	8.6	9.0	9.2	5.7	4.7	5.1	4.8	5.3
95°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.2
97.5°	6.1	6.1	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.7	5.7
100°	6.9	6.9	6.8	6.8	6.6	6.6	6.6	6.6	6.6	6.4	6.4
102.5°	7.8	7.8	7.7	7.6	7.4	7.4	7.6	7.6	7.4	7.2	7.1
105°	9.2	9.1	9.0	8.6	8.5	8.4	8.6	8.5	8.4	8.3	8.1
107.5°	10.8	10.6	10.2	10.1	9.9	9.7	10.1	9.9	9.7	9.4	9.2
110°	12.7	12.4	12.1	11.9	11.5	11.2	11.7	11.5	11.2	10.9	10.6



TEST NUMBER: P1444689
 CATALOG NUMBER: EHBR1-42-UNV-TA-L930

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	14.9	14.6	14.3	13.8	13.4	13.0	13.7	13.5	13.1	12.5	12.3
115°	17.6	17.4	16.8	16.3	15.9	15.2	16.0	16.0	15.3	14.8	14.3
117.5°	20.8	20.2	19.7	19.2	18.4	17.8	19.0	18.6	17.9	17.4	16.8
120°	24.3	23.7	23.0	22.5	21.6	20.9	22.2	21.9	21.3	20.4	19.7
122.5°	28.3	27.6	26.8	26.1	25.3	24.4	26.0	25.8	24.8	24.0	23.2
125°	32.8	32.0	31.2	30.4	29.3	28.4	30.4	29.9	29.1	28.1	27.3
127.5°	37.7	36.8	35.9	35.1	33.9	33.1	34.9	34.6	33.7	32.7	31.6
130°	42.9	41.9	40.8	39.9	38.9	38.1	40.0	39.8	38.9	37.7	36.7
132.5°	48.3	47.3	46.2	45.4	44.3	43.2	45.4	45.2	44.4	43.2	42.2
135°	53.8	52.9	51.9	50.8	49.7	48.9	51.3	51.2	50.3	49.1	48.2
137.5°	59.3	58.4	57.3	56.4	55.3	54.4	57.4	57.3	56.4	55.3	54.4
140°	65.0	63.9	62.9	62.1	61.0	60.3	63.4	63.4	62.7	61.8	60.8
142.5°	70.0	69.2	68.3	67.5	66.6	65.9	69.4	69.5	68.8	67.9	67.2
145°	74.9	74.2	73.3	72.6	71.8	71.2	75.2	75.6	74.9	74.1	73.4
147.5°	79.8	79.1	78.2	77.6	76.9	76.5	81.0	81.5	81.0	80.3	79.7
150°	84.3	83.6	82.8	82.2	81.7	81.3	86.5	87.4	86.9	86.4	85.8
152.5°	88.0	87.2	86.5	86.0	85.4	85.0	91.9	93.0	92.7	92.1	91.8
155°	92.1	91.4	90.7	90.2	89.6	89.4	97.1	98.6	98.2	97.8	97.4
157.5°	96.5	95.8	95.1	94.5	94.1	93.7	102.1	104.0	103.6	103.2	102.8
160°	101.1	100.5	99.8	99.3	98.7	98.2	107.2	109.0	108.7	108.3	107.9
162.5°	105.8	105.4	104.7	104.2	103.6	103.2	112.0	114.1	113.6	113.3	112.9
165°	111.0	110.4	109.8	109.4	108.9	108.5	117.0	118.8	118.5	118.1	117.7
167.5°	115.9	115.6	115.0	114.7	114.2	114.0	121.8	123.5	123.2	122.8	122.5
170°	120.6	120.3	119.9	119.6	119.4	119.2	125.8	127.3	127.2	126.7	126.5
172.5°	124.5	124.3	124.1	123.9	123.6	123.5	129.0	130.4	130.2	130.0	129.7
175°	127.8	127.5	127.4	127.4	127.3	127.2	131.5	132.5	132.3	132.2	131.9
177.5°	130.4	130.2	130.2	130.2	130.2	130.2	132.9	133.4	133.3	133.3	133.2
180°	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2



TEST NUMBER: P1444689
 CATALOG NUMBER: EHBR1-42-UNV-TA-L930

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0
2.5°	31928.4	31939.6	31941.2	31954.3	31953.2	31968.8	31966.3	31979.2	31971.7	31982.2	31973.4
5°	32678.3	32746.2	32781.8	32848.2	32869.1	32928.6	32945.3	32999.5	33001.7	33044.8	33035.0
7.5°	33738.4	33838.7	33898.2	33980.3	34021.8	34090.2	34120.3	34170.8	34187.1	34227.3	34230.4
10°	34371.6	34420.3	34454.2	34477.1	34498.0	34507.9	34519.3	34516.2	34519.3	34514.8	34524.6
12.5°	34122.5	34051.5	34004.4	33915.4	33863.8	33765.5	33717.2	33622.6	33588.3	33507.0	33495.3
15°	32861.4	32613.6	32438.6	32184.1	32024.1	31773.7	31627.2	31401.3	31298.1	31118.5	31071.4
17.5°	30562.7	30102.9	29747.0	29290.5	28973.7	28547.1	28278.8	27925.6	27732.3	27447.4	27348.9
20°	27340.0	26659.6	26125.8	25490.0	25034.9	24467.9	24105.0	23647.1	23381.4	23031.6	22889.8
22.5°	23556.5	22709.3	22042.7	21291.5	20742.4	20110.6	19675.7	19180.4	18891.3	18511.3	18343.0
25°	19656.7	18722.7	17981.5	17190.0	16609.9	15976.5	15541.6	15054.9	14755.8	14395.0	14227.8
27.5°	15927.1	14981.5	14265.2	13529.4	12997.2	12425.7	12033.2	11608.3	11342.8	11034.9	10877.6
30°	12635.6	11801.6	11192.2	10581.5	10138.8	9674.7	9348.5	8996.4	8763.5	8499.8	8349.9
32.5°	9954.1	9310.3	8833.0	8348.4	7986.1	7598.2	7316.4	7005.8	6795.5	6560.0	6424.3
35°	7883.6	7383.3	7002.6	6603.7	6292.4	5962.1	5713.7	5445.6	5256.9	5054.2	4937.0
37.5°	6228.8	5831.0	5517.8	5186.4	4930.8	4657.1	4564.9	4257.2	4061.6	3899.8	3787.8
40°	4888.3	4572.1	4312.8	4059.5	3851.0	3643.4	3476.8	3312.5	3186.2	3070.5	2990.4
42.5°	3817.5	3588.3	3399.0	3213.4	3061.2	2910.0	2789.4	2676.1	2591.1	2515.4	2463.8
45°	3034.7	2877.0	2745.5	2614.8	2507.5	2406.5	2325.2	2253.1	2198.1	2152.6	2120.5
47.5°	2493.1	2385.1	2292.4	2204.1	2131.2	2065.1	2010.8	1993.0	1934.0	1894.2	1879.1
50°	2118.8	2053.6	1983.1	1918.0	1869.4	1821.0	1785.7	1751.1	1729.0	1710.7	1705.1
52.5°	1839.4	1789.6	1750.4	1709.2	1677.0	1642.5	1618.2	1595.2	1583.0	1573.5	1572.3
55°	1631.7	1596.8	1570.9	1543.3	1524.0	1503.8	1491.2	1479.0	1473.7	1468.9	1469.2
57.5°	1474.6	1451.3	1434.4	1416.5	1406.0	1396.4	1393.2	1390.1	1391.8	1392.5	1395.2
60°	1360.0	1344.9	1334.3	1324.0	1319.6	1316.6	1318.9	1321.6	1327.2	1331.6	1335.7
62.5°	1272.3	1263.6	1258.5	1252.9	1252.4	1252.7	1257.4	1262.0	1269.0	1274.2	1278.1
65°	1181.9	1177.0	1175.3	1171.8	1173.5	1174.6	1180.3	1183.9	1190.8	1194.9	1199.9
67.5°	1090.7	1089.5	1090.6	1090.6	1093.8	1096.5	1101.9	1105.9	1111.8	1115.6	1119.6
70°	1023.3	1023.7	1026.2	1026.7	1030.1	1032.0	1036.8	1039.3	1044.6	1047.8	1052.6
72.5°	957.7	956.6	957.3	955.7	956.9	956.5	959.0	960.3	964.8	967.2	973.2
75°	887.9	885.0	884.3	881.1	881.2	878.9	880.0	879.9	882.9	884.0	888.3
77.5°	803.6	798.6	796.3	791.0	790.9	788.8	791.0	792.3	797.5	800.0	804.8
80°	702.8	695.0	691.4	685.3	686.4	686.0	691.3	695.1	701.5	702.7	708.8
82.5°	584.1	576.2	572.5	566.4	567.8	567.9	572.6	573.5	579.1	581.4	588.5
85°	418.2	421.3	413.0	413.5	411.7	415.0	418.2	422.2	426.9	434.5	440.4
87.5°	246.3	245.2	248.2	248.5	252.8	255.0	261.9	265.8	273.5	279.5	290.3
90°	90.9	88.0	91.3	90.9	96.0	95.8	100.3	99.1	104.4	105.6	112.2
92.5°	4.8	5.2	4.8	5.1	4.8	5.3	4.8	5.2	4.8	5.3	4.8
95°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
97.5°	5.7	5.7	5.7	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
100°	6.2	6.2	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
102.5°	7.1	7.0	7.0	6.9	6.9	6.8	6.8	6.8	6.8	6.8	6.8
105°	7.9	7.8	7.7	7.6	7.6	7.4	7.4	7.2	7.2	7.2	7.2
107.5°	9.0	8.7	8.6	8.5	8.4	8.3	8.1	8.1	7.9	7.9	7.9
110°	10.2	9.9	9.8	9.4	9.4	9.2	9.0	9.0	8.7	8.6	8.6



TEST NUMBER: P1444689
 CATALOG NUMBER: EHBR1-42-UNV-TA-L930

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	11.9	11.5	11.0	10.8	10.5	10.2	10.1	9.9	9.8	9.7	9.4
115°	13.7	13.2	12.7	12.4	12.0	11.6	11.3	11.2	10.9	10.8	10.6
117.5°	16.0	15.5	14.8	14.3	13.8	13.4	13.0	12.5	12.3	12.1	12.0
120°	18.9	18.2	17.4	16.8	16.0	15.5	14.9	14.5	14.1	13.9	13.7
122.5°	22.2	21.4	20.4	19.7	18.9	18.2	17.5	17.0	16.4	16.0	15.9
125°	26.1	25.1	24.2	23.2	22.2	21.5	20.7	20.0	19.3	19.0	18.4
127.5°	30.6	29.4	28.3	27.4	26.2	25.4	24.4	23.7	22.9	22.3	21.7
130°	35.6	34.5	33.2	32.3	30.9	30.0	29.1	28.2	27.4	26.6	26.0
132.5°	41.1	40.0	38.9	37.7	36.4	35.5	34.4	33.4	32.3	31.6	30.9
135°	47.0	46.1	44.7	43.7	42.4	41.4	40.4	39.3	38.4	37.5	36.7
137.5°	53.4	52.3	51.2	50.3	49.0	48.0	46.8	45.9	44.7	44.2	43.2
140°	59.7	58.9	57.7	56.8	55.7	54.9	53.7	52.9	51.9	51.2	50.3
142.5°	66.1	65.3	64.3	63.5	62.6	61.8	60.7	59.9	58.9	58.2	57.4
145°	72.6	71.9	71.1	70.2	69.4	68.7	67.6	66.9	66.1	65.4	64.8
147.5°	79.0	78.2	77.6	76.9	76.0	75.3	74.5	74.1	73.1	72.6	71.9
150°	85.1	84.6	83.9	83.3	82.5	82.0	81.3	80.6	79.9	79.6	78.9
152.5°	91.1	90.5	90.0	89.5	88.8	88.2	87.6	87.2	86.5	86.1	85.4
155°	96.9	96.3	95.8	95.3	94.5	94.2	93.7	93.0	92.6	92.1	91.5
157.5°	102.4	101.9	101.3	101.0	100.3	99.8	99.3	98.8	98.2	97.8	97.3
160°	107.5	107.1	106.5	106.0	105.6	105.1	104.5	104.2	103.6	103.2	102.6
162.5°	112.4	111.9	111.6	111.1	110.5	110.1	109.6	109.1	108.6	108.2	107.6
165°	117.3	116.7	116.3	115.8	115.5	115.0	114.4	114.1	113.4	113.1	112.6
167.5°	122.1	121.7	121.3	120.9	120.3	119.9	119.5	119.1	118.5	118.1	117.5
170°	126.2	125.7	125.5	125.0	124.7	124.2	123.9	123.4	122.9	122.7	122.1
172.5°	129.4	129.3	128.9	128.7	128.2	128.0	127.8	127.4	127.1	126.7	126.5
175°	131.8	131.6	131.5	131.2	131.1	130.8	130.6	130.5	130.2	130.1	129.7
177.5°	133.2	133.0	133.0	132.9	132.7	132.7	132.6	132.6	132.5	132.3	132.3
180°	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2



TEST NUMBER: P1444689
 CATALOG NUMBER: EHBR1-42-UNV-TA-L930

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0
2.5°	31982.5	31974.4	31978.3	31963.3	31966.9	31948.8	31947.1	31926.7	31924.7	31905.5	31898.2
5°	33065.5	33047.6	33067.7	33036.4	33042.6	33001.7	32998.4	32945.7	32927.5	32861.7	32833.1
7.5°	34255.5	34248.8	34261.1	34234.9	34234.0	34197.6	34182.7	34135.4	34106.1	34037.0	33992.8
10°	34516.2	34522.4	34512.3	34514.8	34500.6	34496.7	34482.2	34473.0	34449.3	34431.3	34404.9
12.5°	33433.6	33440.1	33398.7	33424.9	33404.3	33452.6	33448.7	33505.6	33514.3	33586.4	33613.7
15°	30931.4	30923.6	30844.4	30894.4	30867.5	30973.6	30997.3	31140.0	31216.3	31399.4	31511.8
17.5°	27151.5	27131.1	27019.5	27080.3	27049.4	27205.8	27258.2	27486.3	27628.6	27923.7	28134.0
20°	22645.7	22606.6	22476.0	22547.2	22515.3	22692.9	22767.8	23043.5	23227.0	23617.9	23895.9
22.5°	18084.0	18022.2	17894.3	17960.8	17930.7	18114.6	18212.0	18488.7	18698.9	19100.1	19424.7
25°	13987.5	13932.5	13808.8	13855.3	13844.1	13999.8	14086.4	14348.1	14554.6	14936.8	15246.7
27.5°	10668.6	10611.3	10499.7	10532.6	10521.2	10653.8	10735.6	10954.2	11131.8	11453.5	11725.6
30°	8165.2	8096.2	8001.5	8019.6	8011.9	8119.3	8195.6	8379.6	8532.0	8803.9	9038.3
32.5°	6258.6	6189.2	6102.3	6110.7	6099.2	6183.5	6246.4	6406.5	6539.2	6770.4	6974.4
35°	4788.7	4869.8	4684.0	4801.7	4679.2	4859.1	4794.4	4894.4	5008.6	5203.5	5373.6
37.5°	3681.4	3624.8	3577.0	3572.0	3571.7	3613.4	3662.6	3759.0	3859.6	4004.7	4154.7
40°	2917.3	2877.7	2846.7	2844.4	2846.7	2876.3	2912.7	2979.3	3053.0	3157.2	3267.5
42.5°	2419.6	2393.3	2374.6	2373.4	2379.3	2400.3	2425.5	2465.1	2513.0	2580.6	2656.1
45°	2094.2	2079.6	2069.1	2068.6	2071.3	2082.3	2096.9	2121.4	2151.8	2194.0	2241.8
47.5°	1865.9	1862.3	1855.8	1856.1	1853.1	1857.6	1859.3	1873.1	1889.2	1921.0	1983.5
50°	1699.6	1699.6	1695.1	1694.9	1690.6	1690.4	1686.8	1692.3	1699.8	1719.5	1739.5
52.5°	1568.1	1567.7	1562.9	1561.9	1557.4	1557.2	1554.1	1556.3	1557.4	1567.2	1579.2
55°	1465.5	1462.4	1456.0	1454.0	1452.2	1454.8	1453.6	1453.8	1452.5	1456.6	1460.1
57.5°	1391.8	1387.8	1381.7	1379.9	1379.5	1382.6	1382.7	1381.6	1376.1	1372.3	1367.0
60°	1333.4	1329.4	1322.9	1321.3	1322.2	1326.5	1326.3	1322.7	1314.4	1307.2	1298.8
62.5°	1276.2	1274.5	1271.2	1270.8	1269.9	1270.6	1267.6	1263.9	1255.7	1248.0	1239.0
65°	1199.3	1200.1	1197.7	1198.0	1195.0	1194.6	1190.1	1186.5	1178.2	1171.2	1161.9
67.5°	1119.4	1120.1	1118.1	1118.1	1116.5	1116.8	1114.0	1110.6	1103.7	1098.0	1090.8
70°	1053.7	1055.4	1054.2	1054.6	1052.6	1052.0	1047.7	1044.4	1037.2	1032.5	1026.0
72.5°	975.0	978.5	978.4	979.2	976.4	975.0	969.9	965.7	959.2	955.5	950.3
75°	890.0	894.5	895.9	897.8	893.8	891.7	886.1	882.9	877.5	875.3	871.9
77.5°	806.9	812.0	816.8	821.4	814.9	809.1	802.1	796.8	789.2	786.3	781.0
80°	713.8	722.7	733.5	742.5	730.7	719.0	707.5	699.0	688.9	684.8	678.2
82.5°	592.2	601.3	607.5	613.3	605.2	596.5	585.4	578.0	567.1	563.1	555.4
85°	449.8	461.3	465.0	468.0	462.9	458.2	447.9	433.8	426.9	416.3	410.6
87.5°	295.9	302.7	304.1	305.1	301.9	299.7	292.9	286.3	274.6	266.2	255.8
90°	112.2	117.0	114.7	116.7	112.4	112.6	105.7	103.3	93.5	89.7	81.0
92.5°	5.1	4.7	4.8	4.7	5.3	4.8	5.3	4.8	5.2	4.8	5.2
95°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
97.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.7
100°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
102.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.9
105°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.4	7.4
107.5°	7.8	7.8	7.8	7.8	7.9	7.9	7.9	7.9	7.9	7.9	8.1
110°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.7	8.7	9.0



TEST NUMBER: P1444689
 CATALOG NUMBER: EHBR1-42-UNV-TA-L930

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.7	9.7	9.8	9.8
115°	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.6	10.8	10.8	11.0
117.5°	11.9	11.7	11.7	11.7	11.7	11.7	11.9	11.9	12.0	12.1	12.4
120°	13.5	13.2	13.2	13.2	13.2	13.2	13.4	13.4	13.7	13.8	14.3
122.5°	15.6	15.3	15.3	15.2	15.2	15.2	15.3	15.5	15.9	16.0	16.4
125°	18.3	17.9	17.8	17.7	17.7	17.7	17.8	18.2	18.4	18.6	19.2
127.5°	21.5	21.3	20.9	20.8	20.8	20.8	21.1	21.3	21.6	22.1	22.6
130°	25.5	25.1	25.0	24.7	24.7	24.7	25.0	25.3	25.8	26.1	26.8
132.5°	30.6	30.0	29.8	29.4	29.4	29.4	29.8	30.0	30.6	30.9	31.9
135°	36.3	35.7	35.5	35.2	35.2	35.1	35.3	35.6	36.1	36.7	37.4
137.5°	42.8	42.2	41.9	41.4	41.4	41.4	41.7	41.9	42.4	43.0	43.8
140°	49.7	49.1	48.9	48.4	48.4	48.3	48.6	48.7	49.3	49.8	50.5
142.5°	56.9	56.2	56.0	55.7	55.5	55.5	55.9	56.0	56.4	56.8	57.5
145°	64.3	63.6	63.4	63.1	62.9	62.9	63.1	63.3	63.6	63.9	64.6
147.5°	71.5	70.9	70.8	70.4	70.4	70.2	70.4	70.4	70.8	70.9	71.5
150°	78.6	78.1	77.7	77.4	77.4	77.3	77.4	77.3	77.4	77.6	78.1
152.5°	85.1	84.6	84.4	84.0	83.9	83.7	83.7	83.6	83.7	83.7	84.0
155°	91.3	90.9	90.5	90.2	90.0	89.7	89.7	89.5	89.6	89.5	89.6
157.5°	97.0	96.6	96.3	95.9	95.6	95.3	95.2	94.9	94.9	94.5	94.5
160°	102.4	101.8	101.4	101.1	100.9	100.3	100.3	99.8	99.6	99.5	99.3
162.5°	107.2	106.8	106.4	106.0	105.7	105.2	105.0	104.5	104.3	104.0	103.9
165°	112.0	111.6	111.2	110.7	110.4	110.1	109.7	109.3	109.1	108.7	108.6
167.5°	117.3	116.7	116.3	115.8	115.6	115.1	115.0	114.7	114.4	114.2	114.2
170°	121.8	121.4	121.1	120.7	120.6	120.2	120.1	119.8	119.6	119.5	119.5
172.5°	126.2	125.8	125.7	125.4	125.2	124.9	124.8	124.7	124.5	124.5	124.3
175°	129.7	129.4	129.3	129.0	128.9	128.9	128.9	128.9	128.9	128.7	128.7
177.5°	132.2	132.0	132.0	132.0	131.9	131.9	131.9	131.9	131.9	131.8	131.6
180°	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2



TEST NUMBER: P1444689
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CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0
2.5°	31877.6	31869.2	31847.1	31836.2	31815.8	31805.6	31789.6	31779.4	31766.4	31756.9	31751.9
5°	32760.8	32720.0	32638.3	32588.1	32499.8	32441.7	32354.1	32289.9	32199.4	32132.7	32047.2
7.5°	33909.9	33847.3	33742.7	33663.3	33540.0	33445.6	33307.1	33196.4	33043.4	32916.3	32760.0
10°	34377.7	34341.2	34294.2	34243.3	34174.8	34107.8	34013.2	33916.8	33788.4	33660.6	33493.6
12.5°	33686.3	33720.6	33788.4	33820.1	33871.8	33889.5	33913.2	33902.1	33881.1	33828.9	33753.2
15°	31727.9	31871.4	32098.1	32255.0	32474.7	32629.0	32833.1	32964.6	33116.0	33206.4	33292.3
17.5°	28506.6	28784.1	29184.1	29503.3	29931.8	30280.1	30707.0	31042.3	31429.5	31726.5	32042.8
20°	24380.5	24769.1	25321.4	25790.4	26411.2	26937.7	27612.1	28177.2	28836.3	29385.7	29978.6
22.5°	19939.8	20396.8	21029.6	21595.3	22336.8	22998.9	23843.9	24591.1	25482.0	26280.2	27163.3
25°	15750.4	16198.4	16843.0	17428.7	18229.1	18958.5	19881.8	20738.8	21772.8	22737.0	23843.9
27.5°	12157.8	12555.7	13122.4	13649.6	14382.6	15098.8	16035.7	16949.6	18052.9	19089.1	20282.1
30°	9389.2	9712.1	10166.0	10590.2	11178.7	11764.4	12598.9	13444.1	14542.0	15615.8	16838.8
32.5°	7276.3	7551.6	7930.6	8274.9	8728.4	9170.0	9784.5	10459.9	11423.0	12451.5	13634.1
35°	5632.7	5868.2	6190.7	6487.4	6860.3	7210.8	7669.4	8151.5	8886.4	9751.6	10810.0
37.5°	4490.7	4586.7	4817.0	5060.0	5369.6	5657.8	6016.5	6373.0	6898.8	7581.4	8446.0
40°	3415.1	3567.6	3755.0	3946.3	4180.9	4411.9	4805.5	4995.0	5341.2	5831.3	6502.3
42.5°	2755.6	2862.8	2994.7	3127.7	3291.2	3452.1	3651.2	3853.9	4112.7	4444.6	4921.9
45°	2305.9	2375.9	2460.9	2549.5	2656.8	2766.6	2899.9	3039.1	3214.5	3418.6	3708.5
47.5°	2005.5	2044.2	2099.6	2160.2	2233.8	2309.8	2396.5	2485.1	2594.1	2715.2	2880.3
50°	1771.1	1803.3	1846.4	1886.9	1937.6	2015.6	2050.0	2098.9	2164.5	2235.7	2328.0
52.5°	1601.4	1622.9	1649.9	1673.1	1705.3	1734.4	1772.7	1806.4	1851.8	1894.6	1954.2
55°	1469.2	1477.1	1492.4	1507.4	1529.6	1549.5	1575.7	1597.8	1626.8	1652.4	1690.0
57.5°	1367.2	1367.9	1375.0	1382.8	1397.1	1409.6	1427.7	1442.2	1462.3	1478.6	1501.1
60°	1293.8	1290.0	1291.4	1294.1	1302.1	1310.3	1321.8	1331.3	1343.9	1353.2	1365.8
62.5°	1232.8	1226.7	1225.3	1224.6	1228.6	1231.6	1237.8	1242.4	1249.6	1253.7	1260.3
65°	1155.7	1148.5	1145.7	1142.4	1143.6	1142.6	1145.0	1145.1	1148.8	1149.6	1153.5
67.5°	1085.9	1079.8	1076.1	1071.7	1069.6	1066.4	1065.1	1062.0	1061.5	1058.9	1058.3
70°	1022.0	1016.2	1013.1	1008.9	1006.8	1002.6	1000.0	994.8	991.7	986.8	984.2
72.5°	948.3	945.0	944.0	941.2	940.5	938.1	937.0	933.4	931.2	927.1	924.7
75°	871.2	868.4	868.2	865.4	865.1	862.4	861.6	857.7	855.7	851.6	849.8
77.5°	779.3	775.3	774.1	770.8	771.6	770.2	771.4	768.4	767.2	763.0	761.7
80°	675.8	670.7	668.5	664.2	665.3	663.4	665.3	665.1	666.7	663.4	662.7
82.5°	553.3	547.6	546.5	543.5	545.6	545.7	550.1	547.8	548.7	545.6	546.9
85°	402.6	398.4	392.5	391.7	387.9	391.7	386.7	390.1	384.6	388.4	383.3
87.5°	249.6	240.9	236.2	230.0	227.7	221.6	219.1	214.8	216.1	214.1	215.2
90°	78.9	71.1	68.7	61.8	60.6	54.5	54.4	49.9	50.4	45.8	46.6
92.5°	4.8	4.8	4.7	5.1	4.8	4.8	4.7	5.1	4.8	5.1	4.8
95°	5.2	5.2	5.2	5.2	5.2	5.2	5.3	5.3	5.3	5.3	5.3
97.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.9	5.9	5.9	5.9
100°	6.1	6.2	6.2	6.2	6.2	6.4	6.4	6.4	6.6	6.6	6.6
102.5°	6.9	6.9	6.9	7.0	7.0	7.0	7.1	7.2	7.2	7.4	7.6
105°	7.4	7.6	7.6	7.7	7.7	7.8	7.9	8.1	8.3	8.4	8.5
107.5°	8.1	8.3	8.4	8.5	8.5	8.7	9.0	9.1	9.2	9.4	9.8
110°	9.0	9.1	9.2	9.4	9.7	9.8	10.1	10.2	10.6	10.9	11.3



TEST NUMBER: P1444689
 CATALOG NUMBER: EHBR1-42-UNV-TA-L930

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	9.9	10.2	10.2	10.6	10.9	11.2	11.5	11.9	12.3	12.7	13.1
115°	11.2	11.5	11.6	12.0	12.3	12.7	13.1	13.7	14.3	14.8	15.3
117.5°	12.5	13.0	13.2	13.7	14.1	14.8	15.2	16.0	16.7	17.4	17.8
120°	14.5	14.9	15.3	16.0	16.4	17.1	17.8	18.5	19.3	20.2	20.9
122.5°	16.8	17.4	17.8	18.5	19.2	20.1	20.9	21.9	22.8	23.7	24.6
125°	19.7	20.4	21.1	21.9	22.8	23.7	24.6	25.8	26.6	27.7	28.8
127.5°	23.2	24.0	24.8	25.8	26.6	27.7	28.8	30.0	30.9	32.3	33.2
130°	27.5	28.3	29.1	30.4	31.3	32.4	33.7	34.9	35.9	37.1	38.1
132.5°	32.4	33.5	34.4	35.6	36.6	37.8	38.9	40.2	41.3	42.6	43.6
135°	38.2	39.2	40.2	41.3	42.4	43.7	44.7	46.1	47.0	48.3	49.3
137.5°	44.6	45.4	46.5	47.6	48.6	49.8	50.9	52.0	53.0	54.2	55.2
140°	51.2	52.2	53.0	54.2	55.2	56.2	57.0	58.2	59.1	60.2	61.0
142.5°	58.1	59.1	59.6	60.6	61.4	62.6	63.4	64.3	65.1	65.9	66.6
145°	65.1	65.9	66.5	67.3	68.0	68.8	69.4	70.2	70.8	71.5	72.0
147.5°	71.9	72.5	72.9	73.5	74.1	74.6	75.2	75.8	76.2	76.7	77.3
150°	78.2	78.8	79.0	79.6	79.8	80.3	80.6	81.0	81.3	81.7	82.0
152.5°	84.2	84.4	84.4	84.9	85.0	85.3	85.4	85.7	85.8	86.1	86.4
155°	89.5	89.6	89.6	89.7	89.7	89.8	89.8	90.2	90.4	90.5	90.7
157.5°	94.5	94.4	94.4	94.4	94.2	94.4	94.4	94.5	94.5	94.9	95.2
160°	98.9	98.8	98.7	98.7	98.7	98.7	98.7	98.9	99.1	99.5	99.8
162.5°	103.6	103.5	103.3	103.3	103.3	103.5	103.6	103.9	104.0	104.4	104.7
165°	108.5	108.5	108.3	108.5	108.5	108.6	108.7	109.0	109.3	109.7	110.1
167.5°	114.1	114.1	114.1	114.2	114.2	114.3	114.4	114.9	115.0	115.5	115.6
170°	119.4	119.5	119.4	119.5	119.5	119.6	119.8	119.9	120.1	120.3	120.5
172.5°	124.3	124.3	124.3	124.3	124.3	124.5	124.5	124.7	124.7	124.8	124.8
175°	128.6	128.6	128.6	128.6	128.6	128.5	128.5	128.2	128.2	128.2	128.2
177.5°	131.5	131.3	131.2	131.2	131.1	130.9	130.9	130.8	130.8	130.8	130.6
180°	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2



TEST NUMBER: P1444689
 CATALOG NUMBER: EHBR1-42-UNV-TA-L930

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0
2.5°	31745.6	31745.2	31742.1	31743.5	31744.2	31746.4	31749.1	31751.9	31752.5	31754.8	31755.2
5°	31983.2	31904.6	31846.6	31782.7	31734.5	31691.3	31662.5	31639.6	31630.8	31633.0	31638.4
7.5°	32627.4	32465.3	32331.4	32179.4	32052.6	31918.3	31807.0	31701.1	31624.0	31566.6	31534.5
10°	33334.3	33136.8	32947.9	32727.8	32519.1	32296.2	32094.5	31891.3	31721.8	31574.7	31466.7
12.5°	33648.0	33508.4	33345.2	33137.5	32914.0	32657.0	32397.4	32119.1	31860.2	31619.9	31426.1
15°	33315.9	33316.1	33256.6	33156.9	33001.7	32796.3	32548.9	32258.8	31953.5	31641.9	31357.2
17.5°	32261.5	32460.4	32571.1	32641.1	32619.5	32543.9	32386.5	32163.6	31879.0	31547.0	31199.7
20°	30450.8	30919.9	31254.5	31555.3	31723.9	31836.0	31824.8	31734.1	31531.4	31249.1	30887.3
22.5°	27914.2	28701.8	29323.2	29902.7	30309.2	30639.8	30797.0	30863.6	30771.8	30575.2	30235.5
25°	24833.4	25904.2	26817.9	27704.8	28370.1	28941.8	29285.4	29527.5	29546.7	29444.0	29140.9
27.5°	21410.0	22674.0	23830.5	25009.1	25944.7	26766.6	27305.8	27700.6	27826.0	27809.4	27534.2
30°	17990.9	19317.8	20592.7	21967.1	23124.8	24174.8	24887.2	25421.0	25626.7	25666.1	25401.4
32.5°	14762.0	16070.5	17341.8	18778.7	20052.7	21256.1	22097.8	22731.8	22971.0	23027.4	22737.0
35°	11831.6	13038.8	14246.9	15639.5	16906.2	18152.3	19039.2	19703.0	19926.4	19964.1	19627.9
37.5°	9290.3	10318.9	11371.6	12621.1	13784.3	14954.7	15797.2	16421.2	16583.9	16573.9	16193.4
40°	7150.6	7950.2	8796.2	9824.8	10791.9	11781.2	12492.8	13008.5	13094.0	13030.7	12631.0
42.5°	5376.9	5954.4	6567.7	7335.5	8053.0	8793.5	9311.2	9694.1	9706.3	9606.1	9247.4
45°	4005.8	4569.2	4826.4	5290.7	5752.8	6245.2	6561.3	6797.8	6761.2	6673.1	6400.5
47.5°	3053.7	3270.2	3499.9	3787.8	4057.0	4615.7	4574.3	4954.1	4680.5	4867.1	4456.5
50°	2425.0	2546.0	2669.7	2822.5	2963.1	3109.2	3200.4	3268.6	3259.8	3230.5	3151.8
52.5°	2063.1	2100.5	2161.4	2248.3	2326.9	2405.8	2457.8	2500.0	2500.9	2489.0	2449.3
55°	1724.3	1771.8	1815.5	1872.4	1969.1	1983.9	2058.4	2043.3	2049.3	2028.6	2049.7
57.5°	1520.3	1547.9	1572.5	1606.3	1634.3	1666.9	1686.1	1704.7	1702.9	1698.9	1678.5
60°	1375.7	1391.0	1404.6	1424.4	1439.7	1458.2	1467.0	1476.4	1473.3	1466.5	1448.5
62.5°	1264.3	1273.8	1281.6	1294.4	1303.6	1315.1	1319.8	1323.8	1319.8	1313.3	1297.3
65°	1154.3	1160.4	1165.4	1175.0	1181.6	1191.4	1195.3	1199.0	1195.4	1190.3	1178.2
67.5°	1055.1	1055.7	1055.3	1059.1	1061.2	1067.1	1068.8	1071.5	1067.3	1063.0	1052.6
70°	979.9	978.4	976.5	978.0	978.4	981.2	981.7	981.2	976.2	968.6	957.4
72.5°	921.1	920.3	918.9	920.2	920.2	922.8	922.0	920.6	914.4	907.1	896.0
75°	845.5	845.0	842.1	842.2	839.9	840.7	837.7	835.9	828.9	822.8	812.8
77.5°	757.1	755.7	751.6	750.0	745.5	743.7	737.9	735.0	728.0	723.0	714.5
80°	658.4	656.9	651.5	648.6	641.5	637.0	628.5	623.7	615.5	610.7	602.4
82.5°	544.2	544.8	539.5	535.8	525.7	517.8	506.5	500.4	491.5	486.7	478.2
85°	387.0	381.5	384.4	384.3	377.8	371.2	361.9	355.4	347.8	343.4	337.4
87.5°	212.3	213.6	212.1	210.8	206.3	202.8	195.7	191.9	186.3	183.6	179.1
90°	42.1	42.9	38.6	39.6	35.5	34.5	29.4	29.3	24.8	24.3	20.8
92.5°	4.8	4.8	5.1	4.8	5.1	5.1	5.1	5.1	5.1	4.8	5.1
95°	5.3	5.4	5.4	5.4	5.4	5.4	5.5	5.5	5.5	5.5	5.5
97.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.2	6.2	6.2	6.2
100°	6.8	6.9	6.9	6.9	7.0	7.0	7.1	7.1	7.2	7.2	7.2
102.5°	7.6	7.7	7.8	7.9	8.1	8.1	8.3	8.3	8.4	8.4	8.4
105°	8.6	8.7	9.1	9.2	9.4	9.4	9.7	9.7	9.8	9.9	9.9
107.5°	10.1	10.2	10.5	10.8	10.9	11.2	11.3	11.5	11.6	11.7	11.9
110°	11.6	11.9	12.3	12.5	12.8	13.1	13.4	13.5	13.8	13.9	14.3



TEST NUMBER: P1444689
 CATALOG NUMBER: EHBR1-42-UNV-TA-L930

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	13.5	13.9	14.5	14.8	15.2	15.5	16.0	16.2	16.4	16.8	17.0
115°	16.0	16.4	17.0	17.5	17.9	18.4	18.9	19.2	19.5	19.9	20.2
117.5°	18.6	19.2	20.0	20.6	21.1	21.6	22.2	22.6	23.2	23.6	24.0
120°	21.9	22.6	23.3	24.0	24.7	25.4	26.0	26.6	27.0	27.6	28.2
122.5°	25.5	26.3	27.3	27.9	28.8	29.4	30.4	30.8	31.5	32.3	33.0
125°	29.8	30.6	31.5	32.3	33.2	34.0	34.9	35.6	36.4	37.1	38.1
127.5°	34.4	35.2	36.3	37.1	38.1	38.9	39.9	40.6	41.5	42.4	43.5
130°	39.3	40.2	41.3	42.2	43.2	44.2	45.1	46.1	47.0	48.0	49.1
132.5°	44.6	45.7	46.8	47.6	48.7	49.6	50.6	51.6	52.8	53.7	54.9
135°	50.4	51.2	52.3	53.1	54.4	55.2	56.2	57.3	58.5	59.5	60.7
137.5°	56.1	56.9	58.0	58.8	59.9	60.7	61.8	62.8	64.1	65.1	66.5
140°	61.8	62.7	63.5	64.3	65.3	66.1	67.3	68.3	69.4	70.5	71.8
142.5°	67.5	68.0	68.8	69.5	70.5	71.2	72.3	73.3	74.4	75.6	76.7
145°	72.7	73.3	74.1	74.6	75.3	76.2	77.3	78.2	79.2	80.3	81.5
147.5°	77.7	78.2	78.9	79.5	80.2	80.7	81.8	82.7	83.7	84.7	85.8
150°	82.5	82.9	83.3	83.9	84.6	85.3	86.1	86.9	88.0	89.0	90.0
152.5°	86.8	87.2	87.6	88.2	88.8	89.5	90.4	91.2	92.1	92.9	94.0
155°	91.2	91.4	92.0	92.6	93.3	93.7	94.5	95.3	96.2	97.0	97.8
157.5°	95.6	95.9	96.5	97.0	97.7	98.2	99.1	99.6	100.5	101.2	101.9
160°	100.3	100.6	101.2	101.8	102.4	102.9	103.6	104.3	105.0	105.7	106.4
162.5°	105.2	105.7	106.3	106.6	107.3	107.9	108.6	109.1	109.8	110.4	111.1
165°	110.5	111.0	111.6	111.9	112.6	112.9	113.6	114.1	114.8	115.1	115.8
167.5°	116.2	116.4	116.7	117.1	117.7	118.1	118.7	119.1	119.6	120.1	120.6
170°	120.7	121.0	121.3	121.6	122.0	122.4	122.7	122.9	123.5	123.9	124.3
172.5°	125.0	125.0	125.4	125.5	125.7	125.8	126.2	126.5	126.7	127.1	127.3
175°	128.5	128.5	128.6	128.6	128.7	128.9	129.0	129.3	129.4	129.6	129.7
177.5°	130.6	130.6	130.6	130.6	130.8	130.8	130.9	130.9	131.1	131.1	131.2
180°	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2



TEST NUMBER: P1444689
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CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0
2.5°	31754.1	31753.8	31752.7	31751.4	31750.0	31750.8	31752.2	31755.8	31762.2	31771.4	31783.5
5°	31642.8	31649.2	31652.9	31653.4	31650.1	31648.0	31651.1	31659.9	31677.4	31706.9	31746.8
7.5°	31525.8	31533.9	31546.2	31555.3	31557.1	31554.9	31555.3	31569.1	31601.5	31659.0	31739.6
10°	31401.0	31377.3	31389.8	31412.7	31430.8	31434.2	31436.5	31452.6	31500.1	31587.0	31716.5
12.5°	31285.8	31210.6	31196.1	31216.8	31244.4	31253.3	31250.8	31257.8	31313.4	31428.4	31609.0
15°	31134.2	30992.8	30944.5	30949.8	30983.9	30996.2	30987.2	30973.6	31027.8	31168.1	31401.9
17.5°	30888.8	30660.9	30572.1	30568.2	30608.1	30618.7	30596.8	30554.3	30607.7	30782.9	31073.0
20°	30515.8	30179.4	30012.1	29985.6	30029.0	30016.3	29972.5	29908.2	29978.5	30191.4	30536.5
22.5°	29845.2	29419.0	29133.3	29041.2	29093.1	29058.4	28994.6	28912.6	29005.7	29247.7	29632.0
25°	28749.5	28257.0	27865.9	27646.5	27687.9	27625.9	27556.3	27456.9	27568.0	27845.9	28268.8
27.5°	27138.9	26570.0	26085.4	25722.2	25735.6	25654.3	25574.3	25445.6	25584.3	25913.2	26390.2
30°	24997.3	24339.0	23748.8	23255.3	23211.1	23132.3	23050.3	22881.4	23055.0	23448.6	24006.1
32.5°	22307.7	21576.8	20894.9	20270.8	20153.1	20076.3	20003.1	19808.8	20036.1	20495.0	21135.5
35°	19162.3	18383.8	17644.5	16931.7	16736.7	16659.8	16596.0	16409.7	16693.4	17192.8	17884.5
37.5°	15709.9	14914.6	14180.5	13449.7	13174.1	13069.8	13023.4	12901.5	13228.6	13722.7	14417.2
40°	12165.6	11426.1	10768.0	10122.5	9808.3	9648.8	9624.5	9602.2	9918.6	10347.2	10977.6
42.5°	8850.0	8253.4	7746.0	7252.5	6967.8	6750.0	6749.8	6816.0	7100.8	7421.9	7908.0
45°	6121.8	5721.4	5398.1	5068.4	5156.6	4722.2	4977.4	4846.5	4987.2	5194.2	5510.3
47.5°	4208.1	3989.5	3812.0	3627.8	3493.5	3365.3	3376.5	3459.2	3591.7	3714.5	3879.0
50°	3067.0	2955.7	2865.3	2769.6	2702.7	2646.2	2649.5	2685.3	2755.0	2819.7	2905.7
52.5°	2403.2	2341.8	2292.7	2239.8	2204.8	2176.6	2178.1	2195.5	2233.2	2270.2	2319.5
55°	1980.8	1973.4	1909.5	1862.0	1844.0	1825.1	1828.5	1835.4	1861.0	1882.6	1915.3
57.5°	1659.9	1631.2	1612.1	1587.0	1575.6	1562.4	1565.4	1568.0	1585.1	1599.6	1623.1
60°	1433.3	1413.0	1399.4	1382.4	1374.8	1366.5	1368.4	1369.9	1380.9	1390.4	1407.2
62.5°	1282.8	1264.6	1252.8	1239.7	1234.4	1228.7	1230.0	1230.5	1237.3	1244.3	1257.0
65°	1167.3	1152.9	1143.1	1131.7	1126.2	1120.3	1120.9	1120.9	1126.7	1131.7	1141.4
67.5°	1045.2	1034.3	1028.0	1019.0	1015.2	1009.2	1009.1	1007.2	1011.0	1013.0	1019.5
70°	947.2	936.2	928.1	919.5	914.8	909.4	909.6	909.7	914.0	918.7	927.1
72.5°	886.7	876.2	868.9	861.4	856.9	852.4	851.6	851.1	854.2	856.7	862.4
75°	806.5	798.1	793.8	786.8	783.2	778.1	777.3	774.9	776.4	777.0	781.1
77.5°	709.2	701.2	697.9	690.6	687.7	681.9	681.5	678.8	680.0	679.1	682.3
80°	598.3	591.1	589.2	583.3	581.9	576.6	575.8	572.6	573.5	571.0	572.2
82.5°	474.5	467.9	466.5	461.1	461.1	456.3	456.0	451.2	451.2	447.0	440.4
85°	334.3	329.5	327.4	322.9	321.6	317.8	315.7	311.1	309.5	306.6	305.6
87.5°	176.4	173.3	170.7	168.5	164.6	157.6	157.0	152.2	152.6	149.1	149.4
90°	20.8	17.6	17.7	14.9	14.8	13.0	13.1	12.3	12.0	11.3	11.2
92.5°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
95°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.7	5.7
97.5°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.4	6.4	6.4	6.4
100°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.4	7.4	7.4	7.4
102.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.6	8.6
105°	9.9	10.1	10.1	10.1	10.1	10.1	10.1	10.2	10.2	10.2	10.2
107.5°	11.9	12.0	12.0	12.1	12.0	12.1	12.1	12.3	12.3	12.3	12.3
110°	14.3	14.4	14.5	14.6	14.6	14.8	14.8	14.9	14.9	14.9	14.9



TEST NUMBER: P1444689
 CATALOG NUMBER: EHBR1-42-UNV-TA-L930

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	17.1	17.4	17.5	17.7	17.7	17.9	17.9	18.2	18.2	18.3	18.2
115°	20.6	20.8	21.1	21.4	21.5	21.7	21.7	22.1	22.1	22.1	22.1
117.5°	24.3	24.8	25.1	25.5	25.8	26.1	26.2	26.3	26.3	26.6	26.3
120°	28.6	29.3	29.8	30.1	30.6	30.9	31.2	31.4	31.4	31.4	31.3
122.5°	33.5	34.2	34.8	35.3	35.7	36.3	36.4	36.7	36.7	36.8	36.6
125°	38.6	39.6	40.2	40.8	41.3	42.1	42.2	42.6	42.6	42.6	42.4
127.5°	44.3	45.1	45.8	46.8	47.2	47.9	48.2	48.6	48.6	48.6	48.3
130°	49.9	51.2	51.9	52.8	53.4	54.0	54.4	54.6	54.6	54.9	54.5
132.5°	55.9	57.0	58.0	58.9	59.5	60.3	60.6	61.0	61.0	61.1	60.8
135°	61.8	62.9	63.9	65.1	65.8	66.5	66.8	67.3	67.3	67.3	66.9
137.5°	67.5	68.8	69.8	70.8	71.6	72.3	72.7	73.1	73.1	73.3	73.0
140°	72.9	74.1	75.2	76.2	77.1	78.0	78.2	78.8	78.8	78.8	78.4
142.5°	78.0	79.1	80.2	81.3	82.0	82.8	83.2	83.6	83.6	83.6	83.3
145°	82.7	83.7	84.7	85.8	86.5	87.2	87.6	88.0	88.0	88.0	88.0
147.5°	86.9	88.0	88.9	89.8	90.5	91.3	91.8	92.0	92.1	92.1	92.0
150°	91.1	92.0	92.8	93.7	94.4	94.9	95.2	95.6	95.8	95.9	95.8
152.5°	94.8	95.6	96.5	97.1	97.8	98.4	98.7	99.1	99.5	99.6	99.6
155°	98.6	99.5	100.2	100.9	101.3	101.9	102.4	102.8	103.2	103.5	103.6
157.5°	102.6	103.5	104.0	104.7	105.2	106.0	106.4	106.9	107.3	107.8	108.0
160°	106.9	107.8	108.3	109.0	109.6	110.1	110.7	111.2	111.7	112.0	112.6
162.5°	111.7	112.4	112.7	113.4	114.1	114.7	115.1	115.8	116.2	116.7	117.0
165°	116.4	117.0	117.5	118.1	118.7	119.2	119.6	120.2	120.6	121.0	121.4
167.5°	121.0	121.6	122.0	122.5	122.9	123.5	124.0	124.5	124.8	125.2	125.5
170°	124.7	125.2	125.7	126.0	126.5	126.9	127.2	127.5	127.9	128.2	128.6
172.5°	127.5	128.0	128.2	128.7	128.9	129.3	129.6	130.0	130.2	130.5	130.6
175°	129.7	130.1	130.2	130.5	130.6	130.8	131.1	131.2	131.5	131.6	131.9
177.5°	131.3	131.5	131.6	131.6	131.8	131.8	131.9	131.9	132.0	132.2	132.2
180°	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2



TEST NUMBER: P1444689
 CATALOG NUMBER: EHBR1-42-UNV-TA-L930

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0
2.5°	31800.5	31816.4	31840.8	31862.8	31896.0	31922.2	31961.5	31991.4	32035.8	32064.6	32112.9
5°	31803.3	31865.5	31947.3	32027.2	32123.2	32210.3	32318.6	32410.8	32519.6	32608.5	32719.8
7.5°	31848.2	31968.3	32112.0	32256.9	32420.8	32574.1	32746.9	32903.2	33074.0	33218.6	33376.6
10°	31881.5	32066.5	32278.4	32491.6	32716.1	32924.7	33135.2	33317.2	33487.2	33627.1	33750.7
12.5°	31836.5	32091.4	32363.3	32625.9	32875.6	33091.4	33272.6	33412.5	33509.1	33574.6	33589.9
15°	31683.6	31990.3	32286.0	32547.5	32754.6	32914.4	32997.0	33035.8	32994.3	32925.3	32773.7
17.5°	31398.0	31721.4	31985.8	32192.1	32301.6	32344.9	32276.4	32157.3	31924.4	31666.0	31292.7
20°	30874.2	31175.7	31367.5	31480.0	31450.7	31342.4	31083.8	30769.5	30304.7	29809.2	29155.4
22.5°	29955.7	30219.3	30321.5	30329.8	30151.2	29880.1	29413.7	28874.5	28141.1	27378.7	26441.1
25°	28577.0	28807.8	28824.0	28733.3	28406.3	27967.0	27282.1	26519.5	25522.9	24507.0	23332.0
27.5°	26707.1	26928.5	26874.3	26705.1	26251.2	25663.3	24786.5	23801.3	22572.6	21372.7	20072.9
30°	24356.5	24593.3	24529.7	24312.6	23772.7	23077.9	22046.2	20901.5	19537.4	18255.9	16938.7
32.5°	21543.6	21842.9	21799.0	21592.7	21029.4	20285.7	19166.3	17952.2	16556.7	15293.6	14012.5
35°	18346.3	18709.7	18728.5	18593.7	18070.7	17335.7	16230.2	15055.2	13718.4	12526.7	11343.1
37.5°	14901.6	15323.0	15409.5	15373.1	14939.7	14290.8	13283.7	12229.5	11045.2	10000.9	8988.6
40°	11437.9	11864.4	12012.3	12056.2	11736.4	11233.8	10407.2	9556.3	8590.9	7744.6	6940.9
42.5°	8279.0	8657.2	8800.2	8890.1	8690.5	8355.3	7752.4	7134.5	6427.2	5816.8	5231.6
45°	5750.0	6017.4	6126.2	6216.8	6108.0	5918.9	5538.2	5151.7	4684.8	4285.9	3908.4
47.5°	4020.2	4167.7	4239.4	4283.3	4241.2	4142.6	3935.4	3711.5	3448.0	3214.9	2990.8
50°	2979.8	3058.3	3095.8	3121.2	3090.6	3035.8	2923.6	2801.7	2656.9	2525.0	2395.9
52.5°	2361.4	2406.4	2428.7	2442.4	2424.8	2391.3	2326.0	2253.7	2167.0	2085.4	2042.5
55°	1989.4	1987.0	2038.6	2013.7	2038.6	1983.0	1971.3	1891.8	1819.8	1769.0	1714.1
57.5°	1640.6	1663.9	1673.8	1685.0	1677.7	1667.6	1639.9	1611.4	1573.4	1541.6	1507.7
60°	1420.1	1439.4	1450.2	1461.2	1460.5	1456.7	1440.6	1423.7	1399.9	1380.9	1360.3
62.5°	1268.3	1284.9	1295.6	1306.1	1307.1	1305.6	1293.4	1281.6	1265.4	1253.5	1239.3
65°	1148.8	1160.4	1167.7	1176.1	1175.7	1173.5	1162.5	1152.7	1139.3	1131.0	1120.7
67.5°	1023.7	1032.6	1038.3	1046.2	1047.7	1048.2	1042.2	1037.6	1031.0	1028.6	1025.2
70°	934.8	945.6	954.7	964.7	970.1	972.7	970.1	967.8	963.9	962.3	959.6
72.5°	867.5	876.6	883.7	892.7	897.8	901.5	899.5	898.2	894.9	894.4	892.6
75°	783.9	790.2	794.2	801.0	803.7	807.2	805.7	806.5	805.4	808.0	807.9
77.5°	683.4	688.0	689.9	694.9	695.4	699.5	700.4	705.2	708.7	716.3	720.3
80°	570.3	573.3	573.3	578.3	580.6	587.5	590.8	598.8	602.4	609.2	609.7
82.5°	443.0	439.6	443.0	440.9	447.4	455.2	456.3	462.9	464.6	468.7	465.4
85°	302.9	302.6	300.0	300.4	298.4	299.3	298.2	299.4	298.3	298.4	295.3
87.5°	145.1	146.4	143.2	144.3	141.2	142.7	139.9	142.0	138.8	139.4	134.7
90°	10.8	10.5	10.1	9.9	10.2	9.8	9.7	9.4	9.7	9.4	9.4
92.5°	5.1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.3	5.2	5.2
95°	5.7	5.7	5.7	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
97.5°	6.6	6.6	6.6	6.6	6.8	6.8	6.8	6.8	6.8	6.8	6.6
100°	7.6	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.6	7.6
102.5°	8.7	8.7	8.7	9.0	9.0	9.0	9.0	9.0	8.7	8.7	8.6
105°	10.2	10.2	10.5	10.5	10.5	10.5	10.5	10.5	10.2	10.2	10.2
107.5°	12.4	12.4	12.5	12.5	12.5	12.5	12.4	12.3	12.3	12.1	11.9
110°	15.1	14.9	15.1	15.1	15.1	14.9	14.9	14.6	14.5	14.3	14.1



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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°	18.3	18.2	18.2	17.9	17.9	17.7	17.7	17.5	17.4	16.8	16.7
115°	22.1	21.7	21.7	21.5	21.5	21.3	20.9	20.7	20.4	20.0	19.7
117.5°	26.2	26.1	26.0	25.5	25.4	25.0	24.7	24.3	24.0	23.6	23.2
120°	31.2	30.8	30.6	30.1	29.9	29.3	29.1	28.4	28.1	27.5	26.9
122.5°	36.4	36.0	35.7	35.3	34.9	34.2	33.8	33.1	32.7	32.0	31.4
125°	42.2	41.7	41.3	40.7	40.2	39.6	38.9	38.2	37.5	36.8	36.1
127.5°	48.2	47.6	47.2	46.5	45.9	45.1	44.4	43.6	43.0	42.1	41.3
130°	54.4	53.7	53.4	52.4	52.0	50.9	50.3	49.4	48.6	47.7	46.9
132.5°	60.6	60.0	59.5	58.5	58.0	57.0	56.4	55.3	54.5	53.6	52.9
135°	66.7	66.1	65.7	64.8	64.1	63.1	62.4	61.4	60.6	59.7	58.9
137.5°	72.7	72.0	71.5	70.8	70.0	69.1	68.4	67.5	66.7	65.8	65.1
140°	78.2	77.6	77.1	76.4	75.7	74.9	74.1	73.3	72.6	71.8	71.1
142.5°	83.0	82.5	82.1	81.4	80.7	79.9	79.5	78.8	78.1	77.4	76.7
145°	87.6	87.2	86.8	86.1	85.7	85.0	84.6	83.9	83.5	82.8	82.3
147.5°	91.9	91.4	91.2	90.7	90.5	89.8	89.6	89.0	88.8	88.2	88.0
150°	95.8	95.6	95.5	95.2	94.9	94.5	94.5	94.1	94.0	93.5	93.4
152.5°	99.6	99.6	99.6	99.5	99.5	99.5	99.3	99.1	98.9	98.7	98.6
155°	103.9	104.0	104.2	104.2	104.2	104.2	104.2	104.0	104.0	103.9	103.9
157.5°	108.3	108.5	108.7	108.9	109.0	109.0	109.0	109.0	109.0	108.9	108.9
160°	112.7	113.1	113.4	113.4	113.7	113.7	114.0	113.7	114.0	113.7	113.6
162.5°	117.4	117.7	118.0	118.1	118.3	118.3	118.5	118.5	118.5	118.3	118.3
165°	121.8	122.0	122.4	122.4	122.7	122.7	122.8	122.8	122.8	122.7	122.7
167.5°	125.8	126.0	126.4	126.5	126.7	126.7	127.1	126.9	126.9	126.9	126.9
170°	128.9	129.0	129.3	129.4	129.7	129.7	129.7	129.7	130.0	129.7	129.7
172.5°	130.9	131.1	131.3	131.5	131.6	131.6	131.8	131.8	131.9	131.9	131.9
175°	132.0	132.2	132.3	132.5	132.6	132.7	132.7	132.9	132.9	132.9	132.9
177.5°	132.3	132.5	132.5	132.6	132.7	132.7	132.9	132.9	133.0	133.0	133.0
180°	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2



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CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0
2.5°	32142.8	31944.3	31918.0	31932.0	31965.2	31977.5	32013.2	32023.0	32059.1	32067.9	32102.5
5°	32806.0	32543.6	32556.7	32619.8	32715.3	32772.3	32866.1	32915.2	33004.9	33045.6	33126.6
7.5°	33505.4	33299.3	33363.5	33469.9	33600.6	33691.0	33803.8	33877.2	33974.4	34034.7	34112.5
10°	33848.8	33792.3	33863.0	33946.7	34021.3	34079.6	34127.4	34165.7	34190.7	34214.2	34224.5
12.5°	33587.4	33674.8	33686.8	33678.7	33629.4	33591.7	33507.0	33449.5	33347.4	33285.1	33163.7
15°	32618.7	32810.9	32704.5	32543.4	32307.7	32111.2	31833.7	31627.2	31338.2	31142.2	30852.2
17.5°	30918.7	31161.2	30883.9	30511.3	30037.2	29631.6	29126.6	28725.7	28223.5	27858.3	27389.7
20°	28525.4	28752.0	28257.6	27639.8	26906.4	26289.2	25561.4	24980.7	24304.3	23801.3	23194.0
22.5°	25545.5	25706.9	25010.4	24177.5	23243.2	22472.1	21601.9	20905.8	20133.9	19558.7	18911.3
25°	22248.7	22292.3	21456.9	20497.4	19456.0	18589.4	17660.4	16928.4	16141.2	15558.3	14922.9
27.5°	18921.4	18857.5	17954.4	16937.1	15841.7	14940.9	14034.8	13348.9	12659.5	12134.4	11587.0
30°	15780.7	15626.0	14688.4	13642.7	12579.4	11772.1	11019.9	10469.0	9920.6	9504.0	9064.7
32.5°	12900.8	12682.5	11769.8	10790.1	9894.1	9271.1	8713.4	8296.6	7853.6	7501.8	7133.0
35°	10349.8	10117.3	9308.8	8478.1	7800.1	7340.8	6902.4	6560.5	6184.4	5887.6	5567.3
37.5°	8160.5	7970.0	7292.6	6639.1	6126.2	5770.3	5411.1	5131.6	4820.9	4690.2	4348.0
40°	6299.9	6166.7	5637.1	5155.3	4770.2	4603.0	4238.3	3977.3	3745.0	3553.5	3368.1
42.5°	4914.0	4866.9	4351.5	3975.7	3704.6	3493.9	3290.7	3125.8	2965.2	2833.1	2708.4
45°	3606.2	3568.8	3340.1	3123.2	2938.4	2791.1	2653.8	2540.3	2435.3	2348.3	2269.2
47.5°	2808.1	2796.2	2664.4	2529.9	2413.5	2318.9	2229.7	2154.4	2084.7	2026.6	2007.7
50°	2284.0	2282.4	2205.1	2122.1	2039.2	1984.5	1927.6	1883.1	1838.3	1803.5	1766.7
52.5°	1940.6	1932.2	1880.0	1828.8	1779.5	1743.6	1707.2	1678.8	1649.1	1627.7	1604.8
55°	1670.7	1679.5	1649.3	1618.8	1587.9	1565.6	1540.1	1521.3	1501.0	1487.4	1473.6
57.5°	1483.1	1494.9	1479.0	1461.6	1442.9	1428.2	1410.7	1397.7	1384.1	1375.5	1367.5
60°	1346.8	1359.5	1353.2	1344.5	1332.9	1324.1	1312.9	1305.7	1297.0	1292.2	1287.6
62.5°	1231.1	1247.0	1244.7	1240.6	1233.2	1228.3	1222.2	1219.0	1213.2	1211.1	1209.0
65°	1115.6	1133.5	1133.2	1131.2	1127.0	1125.6	1121.9	1121.1	1118.2	1119.4	1119.1
67.5°	1024.8	1040.4	1043.8	1046.3	1046.2	1047.1	1046.7	1048.2	1048.2	1050.6	1052.0
70°	959.2	970.1	972.7	975.4	976.1	978.1	978.1	979.5	979.1	981.0	981.2
72.5°	893.0	907.3	909.9	912.0	912.0	914.0	913.0	912.6	909.8	909.2	907.2
75°	810.6	828.9	832.9	835.5	835.9	837.7	835.2	833.7	828.9	827.0	823.7
77.5°	724.5	743.6	746.3	747.3	745.8	746.2	740.9	737.4	731.4	728.9	725.7
80°	612.5	640.5	642.7	640.9	636.5	635.8	630.7	627.5	620.2	617.7	615.1
82.5°	466.1	498.9	503.5	505.5	502.0	502.8	498.0	496.0	489.4	488.3	483.9
85°	294.3	327.0	332.5	331.7	328.1	327.3	324.5	325.4	324.8	326.6	327.6
87.5°	135.2	167.0	174.7	172.2	171.8	169.6	164.5	166.4	169.4	171.5	171.5
90°	9.2	18.6	18.3	19.3	17.4	17.9	16.2	17.4	16.0	17.1	16.0
92.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	5.2	5.1	5.2
95°	5.9	5.7	5.7	5.7	5.5	5.5	5.5	5.5	5.5	5.5	5.5
97.5°	6.6	6.4	6.2	6.2	6.2	6.1	6.1	6.1	6.1	6.1	6.1
100°	7.6	7.1	7.0	7.0	6.9	6.9	6.9	6.8	6.8	6.8	6.6
102.5°	8.5	8.1	7.9	7.8	7.7	7.6	7.6	7.4	7.4	7.2	7.2
105°	9.9	9.4	9.1	8.7	8.6	8.5	8.4	8.3	8.1	7.9	7.9
107.5°	11.7	10.8	10.2	10.1	9.8	9.7	9.4	9.2	9.0	8.7	8.6
110°	13.8	12.5	12.0	11.6	11.3	10.9	10.6	10.2	10.1	9.9	9.7



TEST NUMBER: P1444689
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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°	16.3	14.6	13.9	13.4	13.0	12.5	12.1	11.7	11.5	11.0	10.9
115°	19.2	17.1	16.3	15.6	15.1	14.5	13.9	13.5	13.0	12.5	12.3
117.5°	22.6	20.2	19.2	18.3	17.7	16.8	16.3	15.6	15.1	14.5	14.1
120°	26.3	23.6	22.5	21.5	20.8	19.9	19.2	18.3	17.6	16.8	16.3
122.5°	30.7	27.6	26.2	25.3	24.3	23.3	22.5	21.5	20.7	19.9	19.2
125°	35.5	32.0	30.5	29.4	28.4	27.4	26.3	25.3	24.4	23.5	22.6
127.5°	40.5	36.8	35.3	34.2	33.2	32.0	30.9	29.8	28.8	27.6	26.8
130°	46.1	42.2	40.5	39.3	38.4	37.1	36.1	34.9	33.8	32.7	31.6
132.5°	52.0	47.9	46.2	45.1	44.2	42.9	41.9	40.6	39.6	38.2	37.3
135°	58.0	53.7	52.0	50.9	50.1	48.9	47.9	46.6	45.7	44.4	43.6
137.5°	64.1	59.6	58.1	57.0	56.2	55.2	54.4	53.1	52.2	50.9	50.1
140°	70.2	65.7	64.1	63.3	62.6	61.5	60.7	59.7	58.9	58.0	57.0
142.5°	76.0	71.3	69.8	69.1	68.5	67.6	67.2	66.4	65.7	64.6	63.9
145°	81.8	76.7	75.3	74.6	74.2	73.7	73.1	72.5	71.9	71.2	70.6
147.5°	87.4	82.1	80.6	80.2	79.8	79.2	79.0	78.4	78.2	77.6	77.3
150°	92.9	86.9	85.1	84.9	84.6	84.3	84.0	83.7	83.6	83.2	83.0
152.5°	98.2	91.1	89.0	88.8	88.8	88.4	88.3	88.2	88.2	88.0	88.0
155°	103.6	95.6	93.4	93.0	92.9	92.8	92.7	92.7	92.7	92.7	92.8
157.5°	108.6	100.2	97.8	97.4	97.3	97.1	97.0	97.0	97.0	97.0	97.3
160°	113.4	104.9	102.5	102.0	101.9	101.7	101.4	101.3	101.3	101.3	101.4
162.5°	118.1	109.7	107.5	106.9	106.6	106.4	106.3	106.0	106.0	105.8	106.0
165°	122.4	114.9	112.6	112.2	111.9	111.6	111.3	111.1	111.0	110.9	110.9
167.5°	126.7	119.9	118.1	117.7	117.4	117.0	117.0	116.6	116.6	116.3	116.3
170°	129.7	124.3	122.8	122.5	122.5	122.4	122.1	122.0	121.8	121.6	121.6
172.5°	131.8	127.9	126.7	126.5	126.5	126.5	126.5	126.4	126.4	126.4	126.4
175°	132.9	130.5	130.0	129.7	129.7	129.7	129.7	129.7	129.7	129.7	130.0
177.5°	133.2	132.6	132.3	132.3	132.3	132.3	132.3	132.3	132.3	132.5	132.5
180°	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2



TEST NUMBER: P1444689
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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°	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0
2.5°	32109.0	32146.4	32143.6	32178.5	32176.8	32209.7	32203.1	32231.5	32225.1	32249.3	32235.1
5°	33162.2	33233.4	33257.0	33321.2	33334.5	33392.1	33393.2	33438.9	33433.3	33469.1	33450.1
7.5°	34158.6	34225.1	34256.6	34306.5	34331.4	34372.8	34389.0	34422.9	34431.1	34451.2	34450.6
10°	34242.6	34242.4	34258.0	34251.0	34264.9	34256.9	34273.9	34267.8	34292.9	34286.5	34305.5
12.5°	33111.3	32999.0	32958.0	32857.1	32835.1	32748.5	32754.6	32699.1	32725.9	32691.8	32749.9
15°	30679.7	30419.2	30290.5	30064.0	29993.0	29814.0	29799.4	29680.6	29712.6	29650.4	29741.3
17.5°	27086.4	26676.4	26451.3	26120.6	25989.3	25736.2	25685.4	25532.4	25556.1	25479.0	25588.8
20°	22802.4	22306.8	22023.0	21640.5	21470.0	21168.1	21088.1	20916.8	20938.3	20861.6	20985.8
22.5°	18469.5	17950.8	17630.3	17229.5	17011.6	16727.8	16642.6	16470.6	16480.4	16408.3	16527.8
25°	14487.7	13990.4	13679.3	13315.1	13126.1	12865.9	12776.4	12621.9	12630.7	12571.3	12678.5
27.5°	11207.2	10799.2	10539.0	10233.8	10064.3	9850.3	9763.1	9633.2	9632.9	9589.3	9678.8
30°	8757.8	8417.3	8183.7	7917.9	7758.7	7565.7	7481.4	7365.2	7360.1	7329.2	7400.4
32.5°	6857.2	6554.3	6341.2	6107.3	5964.4	5798.7	5719.0	5625.5	5617.0	5589.0	5647.5
35°	5330.6	5075.6	4892.3	4695.3	4709.8	4465.4	4506.0	4316.1	4264.7	4253.5	4296.9
37.5°	4119.9	3922.4	3773.5	3626.0	3526.1	3422.8	3367.2	3317.3	3311.6	3306.8	3337.2
40°	3224.8	3086.5	2978.3	2877.0	2808.3	2745.2	2710.5	2683.0	2676.5	2672.9	2691.3
42.5°	2610.0	2516.7	2446.9	2385.1	2343.3	2309.1	2290.0	2274.7	2269.6	2269.8	2280.7
45°	2205.1	2148.5	2103.5	2065.1	2038.5	2050.2	2015.7	2033.8	2009.9	2034.6	2018.3
47.5°	1941.9	1893.8	1865.9	1838.7	1822.6	1809.5	1810.0	1810.3	1815.3	1816.1	1821.5
50°	1738.8	1710.9	1691.6	1674.2	1665.8	1658.9	1661.4	1663.1	1668.0	1668.4	1672.3
52.5°	1588.5	1570.2	1558.5	1547.7	1544.0	1540.1	1541.8	1541.0	1543.3	1542.1	1545.2
55°	1466.2	1457.5	1453.9	1449.9	1450.4	1449.4	1450.1	1446.2	1443.8	1440.9	1443.6
57.5°	1365.8	1364.6	1367.1	1368.8	1373.3	1375.0	1376.1	1371.6	1367.4	1363.4	1365.7
60°	1288.5	1290.4	1296.5	1301.4	1308.0	1311.1	1313.0	1310.4	1307.4	1304.2	1306.1
62.5°	1212.2	1215.2	1222.5	1228.0	1236.0	1240.2	1244.7	1245.0	1246.2	1245.0	1246.3
65°	1123.6	1127.3	1133.9	1138.5	1145.9	1149.6	1154.3	1155.2	1157.8	1157.1	1159.4
67.5°	1056.4	1059.7	1065.2	1069.5	1076.1	1080.0	1084.1	1084.3	1085.2	1085.1	1087.1
70°	984.5	986.1	991.1	994.8	1001.4	1005.3	1010.0	1011.4	1014.4	1014.8	1017.2
72.5°	908.0	907.3	910.3	911.9	916.9	919.9	926.0	929.3	934.2	935.5	937.3
75°	824.7	823.9	827.5	828.9	833.1	836.2	842.9	847.3	855.0	858.2	857.4
77.5°	728.1	729.8	736.4	740.1	745.8	749.6	758.4	765.4	779.4	785.5	779.3
80°	620.2	622.0	628.9	632.3	639.7	644.5	654.3	662.4	675.0	677.8	674.2
82.5°	487.6	488.2	494.2	496.9	506.5	513.5	526.0	532.4	540.2	539.1	538.1
85°	332.5	337.0	344.7	352.4	364.1	375.5	387.2	396.8	390.1	400.7	388.7
87.5°	177.7	177.2	187.6	186.0	202.5	212.1	222.3	227.1	232.5	231.4	231.5
90°	17.5	16.3	17.7	16.3	18.5	16.8	20.0	18.5	22.2	20.1	24.0
92.5°	5.1	5.2	5.1	5.2	5.1	5.2	5.1	5.1	5.1	5.1	5.1
95°	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
97.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.9	5.9	5.9
100°	6.6	6.6	6.6	6.6	6.4	6.4	6.4	6.4	6.4	6.4	6.4
102.5°	7.1	7.1	7.1	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
105°	7.8	7.8	7.7	7.7	7.6	7.6	7.6	7.6	7.6	7.6	7.6
107.5°	8.6	8.5	8.4	8.4	8.3	8.3	8.3	8.3	8.3	8.3	8.3
110°	9.4	9.4	9.2	9.2	9.1	9.0	9.0	9.0	9.0	9.0	9.0



TEST NUMBER: P1444689
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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°	10.6	10.2	10.2	10.1	9.9	9.9	9.8	9.8	9.8	9.8	9.8
115°	11.9	11.7	11.5	11.3	11.2	11.0	10.9	10.9	10.9	10.9	10.9
117.5°	13.5	13.2	13.0	12.7	12.5	12.4	12.3	12.3	12.1	12.3	12.3
120°	15.9	15.3	14.9	14.6	14.4	14.3	13.9	13.9	13.9	13.9	13.9
122.5°	18.4	17.8	17.4	17.0	16.7	16.4	16.2	16.2	16.2	16.2	16.2
125°	21.7	21.1	20.6	20.1	19.5	19.3	19.2	19.2	19.0	19.2	19.2
127.5°	25.8	25.1	24.3	23.9	23.3	23.0	22.8	22.6	22.6	22.8	22.8
130°	30.6	29.9	29.1	28.4	27.7	27.5	27.3	27.0	26.9	27.0	27.3
132.5°	36.1	35.3	34.5	33.8	33.2	32.8	32.3	32.3	32.3	32.3	32.4
135°	42.2	41.4	40.6	39.9	39.2	38.9	38.5	38.5	38.4	38.5	38.9
137.5°	49.0	48.3	47.3	46.8	46.1	45.8	45.4	45.2	45.2	45.4	45.7
140°	56.1	55.3	54.4	53.8	53.4	53.0	52.7	52.7	52.4	52.8	52.9
142.5°	63.1	62.6	61.8	61.3	60.7	60.4	60.2	60.2	60.0	60.3	60.6
145°	69.9	69.4	68.8	68.4	68.0	67.9	67.5	67.5	67.5	67.9	68.0
147.5°	76.6	76.4	75.8	75.6	75.1	75.1	74.9	74.9	74.9	75.2	75.3
150°	82.7	82.5	82.2	82.1	81.8	81.8	81.7	81.8	81.8	82.1	82.2
152.5°	87.9	87.9	87.6	87.6	87.5	87.6	87.6	87.9	88.0	88.2	88.3
155°	92.8	92.8	92.8	92.9	92.9	93.3	93.3	93.7	93.7	94.1	94.2
157.5°	97.3	97.5	97.5	97.8	98.0	98.2	98.4	98.8	98.9	99.5	99.6
160°	101.7	101.9	102.0	102.4	102.6	102.8	103.2	103.6	103.9	104.3	104.5
162.5°	106.0	106.3	106.4	106.6	106.9	107.2	107.6	108.0	108.3	108.7	109.1
165°	110.9	111.0	111.1	111.2	111.6	111.8	112.0	112.6	112.7	113.3	113.6
167.5°	116.2	116.3	116.2	116.3	116.4	116.7	116.7	117.1	117.4	117.8	118.1
170°	121.4	121.4	121.4	121.4	121.4	121.6	121.7	121.8	122.0	122.4	122.4
172.5°	126.2	126.2	126.0	126.2	126.0	126.2	126.2	126.4	126.4	126.5	126.5
175°	129.7	130.0	130.0	130.1	130.0	130.0	130.0	130.0	130.0	130.1	130.1
177.5°	132.5	132.6	132.6	132.6	132.6	132.7	132.7	132.7	132.7	132.6	132.6
180°	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2



TEST NUMBER: P1444689
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CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0
2.5°	32258.8	32242.7	32259.2	32242.4	32259.2	32239.1	32252.7	32231.0	32236.5	32214.0	32219.8
5°	33478.6	33452.8	33466.6	33433.1	33436.6	33392.1	33391.2	33339.2	33325.6	33266.4	33240.4
7.5°	34464.9	34456.5	34461.2	34439.7	34437.3	34406.8	34392.3	34349.2	34322.2	34267.8	34230.6
10°	34308.8	34333.9	34340.4	34366.1	34371.3	34396.7	34402.1	34427.5	34432.7	34451.5	34451.8
12.5°	32747.2	32832.6	32853.0	32958.4	33002.8	33123.6	33188.3	33321.2	33400.2	33532.8	33614.2
15°	29738.8	29886.6	29945.5	30151.4	30265.3	30505.7	30656.8	30932.9	31127.7	31420.9	31629.9
17.5°	25598.5	25804.9	25898.0	26177.3	26359.5	26714.3	26970.1	27391.0	27713.3	28181.0	28551.8
20°	21007.1	21236.5	21362.9	21681.5	21896.5	22311.1	22630.4	23147.7	23579.0	24171.8	24678.7
22.5°	16565.2	16783.5	16924.0	17248.1	17490.1	17922.5	18279.4	18825.3	19308.7	19976.6	20584.3
25°	12719.0	12919.0	13045.9	13339.1	13566.4	13963.8	14304.6	14829.6	15302.6	15972.5	16595.7
27.5°	9723.5	9891.0	10013.4	10263.3	10463.8	10800.9	11093.5	11527.5	11934.9	12514.6	13069.5
30°	7444.1	7592.7	7711.7	7929.4	8115.3	8407.5	8664.8	9029.4	9366.6	9827.8	10269.2
32.5°	5688.6	5816.5	5922.5	6113.0	6281.7	6544.8	6776.7	7096.1	7385.6	7776.8	8140.0
35°	4337.4	4588.9	4571.1	4834.0	4876.2	5065.1	5271.9	5551.3	5807.6	6140.2	6449.4
37.5°	3366.5	3437.2	3513.0	3629.3	3751.3	3923.1	4097.8	4439.2	4564.4	4815.8	5071.7
40°	2714.7	2762.5	2812.6	2891.1	2976.6	3097.6	3224.9	3387.8	3554.6	3758.4	3966.5
42.5°	2295.0	2322.1	2353.9	2400.1	2452.8	2529.6	2614.7	2725.1	2841.1	2984.6	3131.0
45°	2050.5	2037.7	2047.1	2071.9	2103.6	2150.3	2204.1	2272.4	2348.0	2440.9	2539.8
47.5°	1822.6	1827.7	1830.6	1844.0	1861.0	1892.3	1924.9	1971.3	2060.9	2088.2	2142.1
50°	1672.0	1674.5	1673.6	1680.5	1689.1	1709.4	1730.5	1762.0	1793.3	1834.9	1874.6
52.5°	1545.8	1549.2	1548.8	1553.3	1557.9	1570.8	1584.1	1606.3	1626.9	1653.3	1676.1
55°	1446.1	1451.0	1452.8	1456.6	1458.9	1465.6	1470.9	1481.5	1490.3	1505.2	1519.0
57.5°	1369.4	1376.1	1379.1	1380.5	1377.7	1377.3	1375.6	1377.9	1379.6	1387.7	1395.4
60°	1309.1	1314.4	1315.2	1314.4	1309.4	1306.0	1300.3	1298.5	1297.6	1301.4	1305.7
62.5°	1246.0	1247.9	1246.5	1245.0	1239.3	1235.9	1230.0	1227.9	1225.9	1228.6	1230.8
65°	1158.6	1160.3	1158.6	1157.6	1152.5	1149.8	1144.8	1143.2	1140.4	1141.1	1140.7
67.5°	1087.6	1089.2	1088.0	1086.7	1083.1	1081.5	1077.8	1075.4	1072.0	1070.7	1068.4
70°	1016.9	1018.2	1016.2	1014.8	1010.8	1009.3	1005.9	1005.2	1002.4	1001.9	999.1
72.5°	935.5	935.6	932.8	932.0	929.0	928.9	927.5	928.8	928.7	930.1	929.5
75°	852.3	851.1	847.6	846.9	844.7	845.8	844.3	846.2	846.5	849.5	849.9
77.5°	768.9	764.5	757.8	754.6	750.2	749.5	747.0	748.7	748.1	751.7	753.1
80°	663.6	658.3	649.6	645.5	640.2	639.4	637.0	639.4	638.2	642.3	645.3
82.5°	529.8	525.2	516.2	512.9	506.8	507.4	504.7	507.4	507.1	513.1	516.7
85°	391.9	388.8	379.6	371.4	362.3	357.1	351.9	350.9	349.4	351.9	354.0
87.5°	226.3	223.5	216.3	211.6	195.7	196.3	190.1	189.7	188.2	186.8	190.1
90°	21.7	24.8	22.8	25.5	24.0	27.3	26.1	29.1	27.0	29.7	28.2
92.5°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	4.8	5.1
95°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
97.5°	6.1	5.9	5.9	5.9	5.9	5.9	5.9	5.9	6.1	6.1	6.1
100°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.6	6.6	6.6
102.5°	7.0	7.0	7.0	7.0	7.1	7.1	7.1	7.1	7.2	7.2	7.2
105°	7.6	7.6	7.7	7.7	7.7	7.7	7.8	7.8	7.9	7.9	8.1
107.5°	8.3	8.3	8.3	8.4	8.4	8.5	8.5	8.6	8.7	9.0	9.1
110°	9.0	9.1	9.1	9.2	9.2	9.4	9.4	9.7	9.9	10.1	10.2



TEST NUMBER: P1444689
 CATALOG NUMBER: EHBR1-42-UNV-TA-L930

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	9.9	9.9	10.1	10.2	10.2	10.5	10.6	10.9	11.2	11.5	11.9
115°	11.0	11.0	11.2	11.3	11.6	11.7	12.1	12.4	12.8	13.2	13.7
117.5°	12.4	12.5	12.7	12.8	13.1	13.5	13.9	14.4	14.9	15.3	16.0
120°	14.3	14.4	14.6	14.8	15.2	15.6	16.2	16.8	17.5	18.2	19.0
122.5°	16.4	16.7	17.0	17.4	17.8	18.4	19.2	19.9	20.7	21.5	22.5
125°	19.3	19.7	20.1	20.6	21.3	21.9	22.8	23.6	24.6	25.4	26.6
127.5°	23.2	23.5	24.0	24.6	25.4	26.1	27.0	27.9	29.1	30.1	31.3
130°	27.6	28.1	28.8	29.3	30.4	31.2	32.1	33.1	34.4	35.3	36.6
132.5°	33.1	33.5	34.2	34.9	35.9	36.8	38.1	38.9	40.2	41.2	42.4
135°	39.2	39.7	40.5	41.2	42.2	43.1	44.3	45.2	46.5	47.5	48.7
137.5°	46.2	46.6	47.3	48.0	49.1	49.9	51.2	52.0	53.1	54.2	55.3
140°	53.5	53.8	54.6	55.3	56.2	57.0	58.2	59.1	60.2	61.0	62.0
142.5°	61.1	61.4	62.1	62.8	63.6	64.3	65.3	66.0	66.9	67.6	68.8
145°	68.5	68.8	69.5	70.0	70.8	71.5	72.3	73.0	73.8	74.4	75.2
147.5°	75.8	76.2	76.7	77.4	78.1	78.6	79.2	79.8	80.6	81.3	82.0
150°	82.7	83.0	83.5	83.9	84.6	85.1	85.8	86.4	86.9	87.4	88.0
152.5°	88.9	89.1	89.6	90.0	90.5	91.1	91.5	92.1	92.7	93.0	93.7
155°	94.5	95.1	95.5	95.9	96.5	96.7	97.3	97.7	98.2	98.7	99.3
157.5°	100.2	100.3	101.0	101.2	101.8	102.1	102.6	102.9	103.6	103.9	104.4
160°	105.0	105.4	105.8	106.3	106.8	107.1	107.6	108.0	108.5	108.9	109.3
162.5°	109.6	110.1	110.5	110.9	111.3	111.8	112.2	112.6	113.3	113.4	114.1
165°	114.1	114.4	115.0	115.2	115.8	116.3	116.7	117.1	117.5	118.0	118.3
167.5°	118.5	118.8	119.4	119.8	120.2	120.6	121.0	121.4	121.8	122.1	122.5
170°	122.8	123.2	123.5	123.9	124.2	124.5	124.9	125.2	125.7	125.8	126.4
172.5°	126.7	126.9	127.2	127.3	127.5	127.9	128.1	128.2	128.6	128.9	129.0
175°	130.1	130.1	130.2	130.4	130.5	130.5	130.6	130.8	130.9	131.1	131.2
177.5°	132.6	132.6	132.6	132.6	132.6	132.6	132.6	132.6	132.6	132.6	132.6
180°	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2



TEST NUMBER: P1444689
 CATALOG NUMBER: EHBR1-42-UNV-TA-L930

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0
2.5°	32197.2	32198.6	32172.6	32171.2	32146.9	32143.8	32120.1	32112.9	32093.7	32086.7	32067.1
5°	33174.1	33142.4	33069.3	33026.3	32954.1	32906.2	32828.1	32777.1	32701.6	32644.7	32568.8
7.5°	34162.0	34112.9	34030.8	33964.3	33864.1	33784.1	33666.8	33570.6	33443.7	33333.7	33200.3
10°	34451.8	34444.2	34423.3	34392.8	34346.2	34293.8	34214.0	34130.7	34019.3	33898.5	33750.1
12.5°	33738.8	33815.8	33920.8	33983.0	34058.7	34091.9	34122.9	34115.1	34094.7	34033.5	33947.8
15°	31932.8	32149.2	32435.6	32657.6	32913.0	33098.6	33303.6	33431.4	33558.7	33617.5	33653.5
17.5°	29059.9	29469.5	29983.2	30408.8	30899.9	31294.4	31726.8	32052.3	32387.0	32626.9	32843.8
20°	25369.7	25963.1	26689.5	27331.2	28077.5	28726.0	29436.6	30020.0	30621.6	31092.0	31537.2
22.5°	21366.9	22071.7	22950.0	23763.6	24725.5	25590.1	26565.5	27414.5	28300.9	29041.5	29757.5
25°	17431.0	18203.9	19164.2	20071.8	21161.3	22167.0	23323.9	24381.9	25527.7	26522.3	27504.9
27.5°	13836.8	14595.7	15576.1	16542.3	17694.4	18766.0	20005.5	21171.2	22475.7	23678.6	24909.3
30°	10882.8	11526.4	12405.5	13341.4	14477.6	15568.1	16821.0	18019.9	19377.0	20690.5	22076.6
32.5°	8622.1	9112.4	9803.6	10594.9	11643.4	12681.4	13874.4	15031.7	16368.2	17695.0	19136.6
35°	6847.5	7230.0	7756.9	8374.5	9262.3	10157.1	11212.3	12264.8	13511.6	14770.7	16171.9
37.5°	5399.7	5710.0	6122.7	6586.6	7298.7	8033.0	8898.3	9770.9	10854.3	11970.3	13240.2
40°	4216.5	4467.8	4789.1	5135.0	5672.7	6238.6	6907.8	7584.4	8454.8	9366.9	10418.0
42.5°	3312.5	3497.8	3724.7	3977.5	4479.2	4779.6	5233.4	5722.8	6362.7	7024.9	7815.0
45°	2660.1	2786.6	2944.0	3113.6	3346.4	3601.2	3912.0	4237.9	4845.7	5143.9	5624.5
47.5°	2221.5	2306.4	2406.5	2513.4	2650.7	2798.9	2983.2	3171.7	3415.4	3667.9	3964.1
50°	1926.1	2012.4	2046.8	2102.1	2181.6	2266.3	2370.2	2474.1	2604.8	2737.2	2889.7
52.5°	1706.8	1734.9	1772.3	1807.5	1856.8	1953.1	1984.3	2038.6	2111.9	2183.6	2263.7
55°	1539.4	1557.7	1582.0	1603.2	1633.0	1661.4	1702.5	1738.7	1787.5	1830.8	1884.0
57.5°	1409.0	1420.7	1437.6	1451.5	1470.7	1486.9	1510.9	1530.5	1558.6	1583.0	1615.3
60°	1314.3	1322.1	1333.4	1342.5	1354.8	1363.2	1375.1	1384.3	1399.2	1411.6	1429.6
62.5°	1237.0	1241.0	1248.4	1253.7	1261.5	1265.8	1272.2	1276.2	1284.3	1290.5	1300.6
65°	1144.1	1145.1	1150.1	1152.3	1158.5	1160.7	1165.9	1167.7	1174.5	1179.2	1188.0
67.5°	1068.1	1066.0	1066.2	1064.4	1065.2	1063.4	1063.8	1062.0	1064.7	1066.2	1072.8
70°	998.7	995.8	994.8	991.6	990.7	987.4	986.4	983.5	983.1	982.1	984.5
72.5°	931.1	930.2	930.4	928.2	927.9	925.7	925.8	924.5	926.0	926.7	929.7
75°	853.3	853.4	855.0	853.0	853.5	851.7	852.4	850.6	851.6	851.2	854.2
77.5°	758.5	760.8	764.9	764.1	765.4	763.3	764.2	761.7	762.5	760.8	761.9
80°	652.0	656.8	662.3	662.0	664.4	662.9	665.0	662.7	663.6	660.8	660.1
82.5°	525.6	529.6	535.5	535.8	540.9	541.8	547.6	547.4	551.1	548.7	547.1
85°	359.3	362.0	367.2	370.1	375.3	378.6	384.3	386.5	382.5	389.8	384.0
87.5°	187.6	194.6	190.7	199.8	197.7	206.8	204.9	213.3	211.7	219.0	218.1
90°	32.1	31.2	35.3	34.8	40.0	40.2	45.7	45.4	50.6	50.5	55.9
92.5°	4.8	5.1	5.1	5.1	5.1	5.2	5.1	5.1	5.1	5.2	5.1
95°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.5	5.5	5.5	5.5
97.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.2
100°	6.6	6.8	6.8	6.8	6.9	6.9	7.0	7.0	7.1	7.1	7.1
102.5°	7.4	7.4	7.6	7.7	7.7	7.8	7.9	8.1	8.1	8.3	8.3
105°	8.3	8.4	8.5	8.6	8.7	9.1	9.2	9.4	9.4	9.7	9.7
107.5°	9.4	9.4	9.8	9.9	10.2	10.5	10.8	10.9	11.2	11.3	11.5
110°	10.6	10.9	11.2	11.6	11.9	12.3	12.5	12.8	13.1	13.4	13.5



TEST NUMBER: P1444689
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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°	12.1	12.7	13.0	13.5	13.9	14.4	14.8	15.2	15.5	16.0	16.2
115°	14.3	14.8	15.3	16.0	16.4	17.0	17.5	17.9	18.4	18.9	19.2
117.5°	16.7	17.5	17.9	18.9	19.3	20.1	20.7	21.3	21.7	22.2	22.6
120°	19.7	20.6	21.4	22.2	22.9	23.6	24.3	25.0	25.5	26.1	26.6
122.5°	23.3	24.3	25.1	26.1	26.8	27.6	28.3	29.1	29.8	30.5	30.9
125°	27.5	28.4	29.4	30.5	31.3	32.3	33.0	33.8	34.5	35.3	35.9
127.5°	32.3	33.4	34.4	35.5	36.3	37.3	38.1	38.9	39.7	40.5	41.2
130°	37.5	38.9	39.8	40.7	41.5	42.8	43.5	44.4	45.2	46.1	46.9
132.5°	43.5	44.6	45.4	46.6	47.5	48.4	49.3	50.3	50.9	52.0	52.8
135°	49.7	50.8	51.6	52.8	53.5	54.4	55.3	56.2	56.9	58.0	58.8
137.5°	56.1	57.3	58.1	59.1	59.7	60.7	61.4	62.4	63.1	64.1	64.8
140°	62.8	63.8	64.4	65.4	66.1	66.9	67.6	68.5	69.2	70.0	70.6
142.5°	69.5	70.4	70.9	71.9	72.5	73.3	73.8	74.5	75.2	75.9	76.5
145°	75.9	76.7	77.4	78.1	78.4	79.2	79.7	80.4	80.7	81.5	82.0
147.5°	82.5	83.2	83.6	84.3	84.6	85.3	85.6	86.1	86.5	86.9	87.2
150°	88.4	89.1	89.5	90.0	90.4	90.9	91.2	91.5	91.8	92.1	92.4
152.5°	94.1	94.5	94.9	95.3	95.6	96.0	96.2	96.6	96.7	96.9	97.0
155°	99.5	100.2	100.3	100.9	101.0	101.3	101.3	101.7	101.8	101.9	101.9
157.5°	104.7	105.2	105.6	105.8	106.0	106.4	106.5	106.8	106.8	106.9	106.9
160°	109.7	110.1	110.4	110.7	111.0	111.1	111.2	111.6	111.7	111.7	111.7
162.5°	114.3	114.8	115.0	115.2	115.6	115.8	115.9	116.2	116.3	116.4	116.4
165°	118.7	119.1	119.4	119.8	119.9	120.2	120.3	120.6	120.6	120.7	120.7
167.5°	122.8	123.2	123.5	123.9	124.0	124.2	124.3	124.7	124.7	124.8	124.8
170°	126.5	126.7	127.1	127.3	127.4	127.5	127.8	127.9	127.9	128.0	128.0
172.5°	129.3	129.6	129.6	129.7	129.7	130.0	130.1	130.1	130.2	130.2	130.2
175°	131.2	131.3	131.5	131.5	131.5	131.6	131.6	131.6	131.6	131.6	131.6
177.5°	132.6	132.6	132.6	132.5	132.5	132.5	132.5	132.5	132.5	132.5	132.3
180°	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2



TEST NUMBER: P1444689
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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0
2.5°	32060.1	32046.2	32037.2	32025.8	32018.8	32009.9	32003.4	31997.9	31993.4	31989.2	31986.2
5°	32510.9	32439.3	32383.6	32323.4	32273.9	32224.6	32186.6	32155.1	32133.3	32117.0	32107.3
7.5°	33084.9	32953.7	32837.1	32714.3	32604.2	32495.9	32402.6	32322.2	32261.9	32222.8	32199.1
10°	33597.5	33421.9	33248.2	33065.5	32892.0	32724.0	32568.8	32432.3	32324.3	32252.5	32210.6
12.5°	33827.3	33677.7	33500.3	33301.8	33089.4	32874.5	32665.0	32476.1	32317.5	32211.1	32149.7
15°	33624.9	33563.4	33443.1	33289.0	33087.5	32865.3	32619.3	32388.1	32175.5	32037.5	31957.6
17.5°	32966.6	33052.4	33043.1	32984.2	32839.3	32652.2	32401.6	32142.0	31875.9	31691.6	31590.9
20°	31855.7	32125.2	32261.9	32332.0	32275.1	32153.9	31926.9	31663.3	31353.3	31112.7	30965.8
22.5°	30294.6	30770.3	31066.8	31283.8	31329.8	31288.5	31088.1	30837.4	30491.8	30202.5	29985.6
25°	28284.9	28982.0	29450.5	29817.9	29960.5	29997.4	29826.8	29577.5	29192.3	28855.3	28557.4
27.5°	25917.9	26823.6	27449.0	27942.7	28165.4	28262.0	28105.1	27850.8	27395.0	26992.7	26603.5
30°	23253.0	24327.5	25080.7	25672.5	25944.1	26071.7	25905.0	25621.1	25090.7	24606.7	24116.4
32.5°	20400.8	21576.5	22397.3	23040.0	23309.1	23429.2	23211.1	22892.3	22279.2	21708.9	21137.2
35°	17414.5	18601.2	19429.0	20054.6	20280.0	20352.5	20073.5	19705.0	19025.8	18399.9	17776.4
37.5°	14367.4	15471.5	16223.7	16785.2	16924.8	16937.3	16601.2	16194.2	15480.3	14863.1	14242.5
40°	11346.6	12277.8	12885.2	13334.6	13383.0	13339.7	12974.4	12564.8	11897.0	11344.0	10799.2
42.5°	8501.2	9204.1	9637.4	9945.4	9927.1	9841.7	9506.8	9154.6	8603.7	8182.5	7753.7
45°	6063.5	6527.0	6780.3	6960.5	6902.7	6821.3	6560.6	6313.8	5939.4	5667.4	5379.2
47.5°	4212.4	4765.8	4669.5	5021.8	4718.2	4918.7	4501.2	4271.1	4072.3	3927.8	3765.0
50°	3015.7	3142.5	3203.8	3245.6	3223.3	3192.6	3117.6	3050.5	2959.7	2893.6	2816.4
52.5°	2329.0	2392.4	2427.1	2452.2	2447.2	2436.0	2403.3	2373.5	2331.0	2303.0	2269.2
55°	1972.7	1973.7	2037.5	2010.1	2050.6	2003.2	2021.8	1969.3	1977.8	1932.7	1902.3
57.5°	1639.3	1665.3	1676.9	1688.3	1685.1	1683.1	1670.4	1664.0	1649.8	1645.4	1635.2
60°	1442.0	1455.5	1458.3	1463.6	1459.2	1457.5	1447.7	1444.1	1434.6	1432.8	1426.0
62.5°	1306.7	1313.6	1313.6	1313.6	1307.9	1302.5	1291.5	1285.7	1277.6	1275.8	1271.9
65°	1193.8	1201.0	1202.1	1203.7	1199.6	1195.3	1185.6	1179.3	1171.0	1167.7	1163.3
67.5°	1077.2	1084.9	1087.5	1091.4	1089.1	1088.2	1081.6	1079.1	1073.6	1072.2	1068.1
70°	985.7	988.9	988.6	988.5	983.4	978.7	971.1	967.4	961.6	960.5	956.6
72.5°	931.2	933.6	932.1	930.1	923.4	916.5	907.5	900.9	893.4	888.6	883.3
75°	854.6	857.6	855.7	854.4	848.4	843.9	836.7	833.0	827.7	826.2	822.5
77.5°	760.5	761.9	758.9	758.5	753.9	751.1	745.6	744.7	740.8	740.9	737.4
80°	655.8	655.0	650.0	649.1	644.5	643.3	639.0	639.3	636.2	637.5	635.0
82.5°	539.6	536.6	530.1	528.3	522.9	522.5	519.6	522.0	520.2	522.9	521.3
85°	386.7	387.6	384.7	384.7	383.2	383.6	383.4	385.2	385.4	388.0	387.9
87.5°	215.6	218.7	218.1	220.9	220.8	224.0	225.0	229.7	230.4	234.7	234.7
90°	55.7	61.5	61.3	67.2	67.5	73.1	74.1	79.8	80.3	85.3	84.7
92.5°	5.1	5.1	5.2	5.1	5.1	4.8	5.3	4.8	5.1	4.8	4.8
95°	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.4	5.4
97.5°	6.2	6.2	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.1	6.1
100°	7.1	7.1	7.2	7.1	7.1	7.1	7.1	7.1	7.1	7.0	7.0
102.5°	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.3	8.3	8.3	8.3
105°	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.8	9.8	9.8	9.8
107.5°	11.6	11.6	11.7	11.7	11.9	11.9	11.9	11.7	11.9	11.7	11.7
110°	13.8	13.9	14.1	14.1	14.3	14.3	14.3	14.3	14.4	14.3	14.3



TEST NUMBER: P1444689
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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	16.4	16.7	16.8	16.8	17.1	17.1	17.4	17.4	17.5	17.4	17.5
115°	19.5	19.9	20.1	20.2	20.6	20.7	20.9	20.9	21.1	21.1	21.1
117.5°	23.2	23.5	23.9	24.2	24.4	24.7	25.0	25.1	25.3	25.3	25.4
120°	27.0	27.5	28.1	28.4	29.0	29.1	29.7	29.8	30.0	30.0	30.1
122.5°	31.6	32.1	32.8	33.2	33.8	34.2	34.6	34.9	35.2	35.2	35.3
125°	36.7	37.3	38.1	38.5	39.2	39.7	40.2	40.4	40.7	40.7	40.8
127.5°	42.1	42.8	43.6	44.2	45.0	45.4	45.9	46.2	46.6	46.6	46.8
130°	47.7	48.4	49.4	50.1	50.8	51.3	52.0	52.3	52.8	52.8	52.9
132.5°	53.7	54.4	55.3	56.1	56.9	57.5	58.2	58.5	58.9	58.9	59.1
135°	59.7	60.4	61.4	62.1	62.9	63.6	64.3	64.6	65.1	65.1	65.1
137.5°	65.8	66.5	67.3	68.0	68.8	69.4	70.0	70.4	70.8	70.9	70.9
140°	71.6	72.2	73.1	73.7	74.4	74.9	75.6	75.9	76.4	76.4	76.5
142.5°	77.3	77.7	78.6	79.1	79.7	80.2	80.6	81.0	81.4	81.5	81.5
145°	82.5	82.9	83.6	84.0	84.6	84.9	85.4	85.7	85.8	85.8	86.0
147.5°	87.9	88.0	88.4	88.8	89.4	89.6	89.8	90.0	90.4	90.4	90.4
150°	92.7	92.8	93.0	93.3	93.5	93.7	93.7	94.0	94.1	94.0	94.0
152.5°	97.1	97.3	97.4	97.4	97.5	97.5	97.5	97.4	97.4	97.3	97.1
155°	102.0	102.0	102.0	101.9	102.0	101.9	101.8	101.7	101.4	101.2	101.0
157.5°	106.9	106.8	106.9	106.8	106.6	106.5	106.4	106.0	105.8	105.4	105.1
160°	111.8	111.7	111.7	111.6	111.3	111.1	111.0	110.5	110.3	109.8	109.4
162.5°	116.4	116.4	116.3	116.2	115.9	115.8	115.6	115.1	114.9	114.4	114.1
165°	120.9	120.7	120.7	120.6	120.5	120.2	120.1	119.6	119.4	118.9	118.5
167.5°	124.8	124.8	124.7	124.5	124.3	124.2	124.0	123.6	123.4	122.9	122.7
170°	128.0	127.9	127.9	127.8	127.5	127.4	127.2	126.9	126.5	126.4	126.0
172.5°	130.1	130.1	130.0	129.7	129.7	129.7	129.4	129.3	128.9	128.7	128.6
175°	131.5	131.5	131.3	131.3	131.2	131.1	130.9	130.8	130.6	130.5	130.2
177.5°	132.3	132.3	132.2	132.2	132.0	132.0	131.9	131.8	131.8	131.6	131.5
180°	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2



TEST NUMBER: P1444689
 CATALOG NUMBER: EHBR1-42-UNV-TA-L930

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	31860.0	31860.0
2.5°	31983.3	31981.7
5°	32102.2	32100.4
7.5°	32192.7	32192.1
10°	32203.4	32208.9
12.5°	32139.1	32143.6
15°	31951.4	31960.3
17.5°	31592.8	31604.3
20°	30974.8	30986.7
22.5°	29973.9	29978.9
25°	28518.9	28498.2
27.5°	26535.2	26499.6
30°	24013.4	23979.0
32.5°	21006.8	20985.3
35°	17622.4	17608.8
37.5°	14059.1	14031.5
40°	10600.0	10519.5
42.5°	7566.0	7424.7
45°	5228.8	5061.2
47.5°	3650.2	3546.6
50°	2766.8	2733.4
52.5°	2254.4	2246.7
55°	1902.2	1898.8
57.5°	1637.5	1636.3
60°	1429.6	1429.2
62.5°	1274.5	1275.1
65°	1165.3	1165.5
67.5°	1069.2	1068.5
70°	958.1	957.3
72.5°	881.6	880.3
75°	822.5	821.7
77.5°	738.5	737.2
80°	636.6	635.0
82.5°	523.6	521.8
85°	390.6	390.7
87.5°	239.0	238.8
90°	89.5	88.4
92.5°	5.1	5.3
95°	5.4	5.4
97.5°	6.1	6.1
100°	7.0	7.0
102.5°	8.3	8.3
105°	9.8	9.8
107.5°	11.7	11.7
110°	14.3	14.3



TEST NUMBER: P1444689
CATALOG NUMBER: EHBR1-42-UNV-TA-L930

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	17.4	17.4
115°	20.9	20.9
117.5°	25.3	25.1
120°	29.9	29.9
122.5°	35.1	34.9
125°	40.6	40.5
127.5°	46.5	46.3
130°	52.4	52.3
132.5°	58.8	58.5
135°	64.8	64.6
137.5°	70.6	70.4
140°	76.2	75.9
142.5°	81.4	81.1
145°	85.8	85.6
147.5°	89.8	89.7
150°	93.7	93.4
152.5°	96.7	96.5
155°	100.5	100.2
157.5°	104.5	104.2
160°	108.9	108.5
162.5°	113.4	113.1
165°	118.0	117.5
167.5°	122.1	121.8
170°	125.7	125.4
172.5°	128.2	128.0
175°	130.1	130.0
177.5°	131.5	131.3
180°	132.2	132.2

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-5

Test Date: 08/01/2025

Luminaire Tested: EHBR-60-L930-N

Data in this report applies to families of products including EHBR-60-L930-N

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-472-5
 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-L930-N**
 Description: Elevate Round Highbay at, 60000 lumens, 3000K 90CRI LEDs with N lens

Spectral Parameters

CCT (K): 2996
 CIE u': 0.2519
 CIE v': 0.5169
 Duv: -0.0033
 CIE x: 0.4325
 CIE y: 0.3945
 CIE z: 0.1730
 Peak Wavelength (nm): 630
 Dominant Wavelength (nm): 584
 Purity: 48.21818
 Rf: 91.3
 Rg: 102

CRI (Ra):	94.4		
R1:	96.8	R9:	61.4
R2:	98.1	R10:	94.4
R3:	97.8	R11:	95.7
R4:	95.6	R12:	88.5
R5:	96.9	R13:	97.3
R6:	95.7	R14:	97.8
R7:	90.9	R15:	92.3
R8:	83.0		



Test Conditions

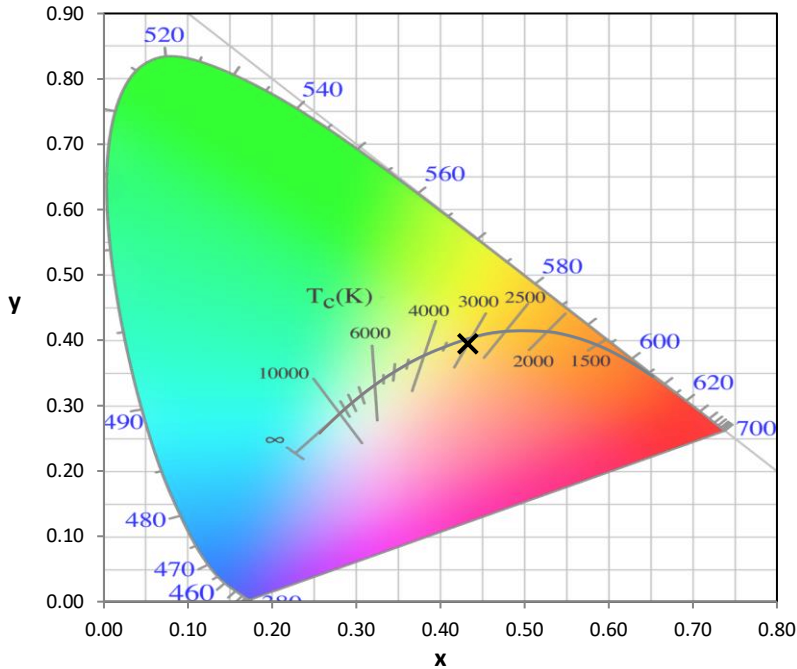
Stabilization Time: 40M
 Operation Time: 1H 40M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2506-472-5

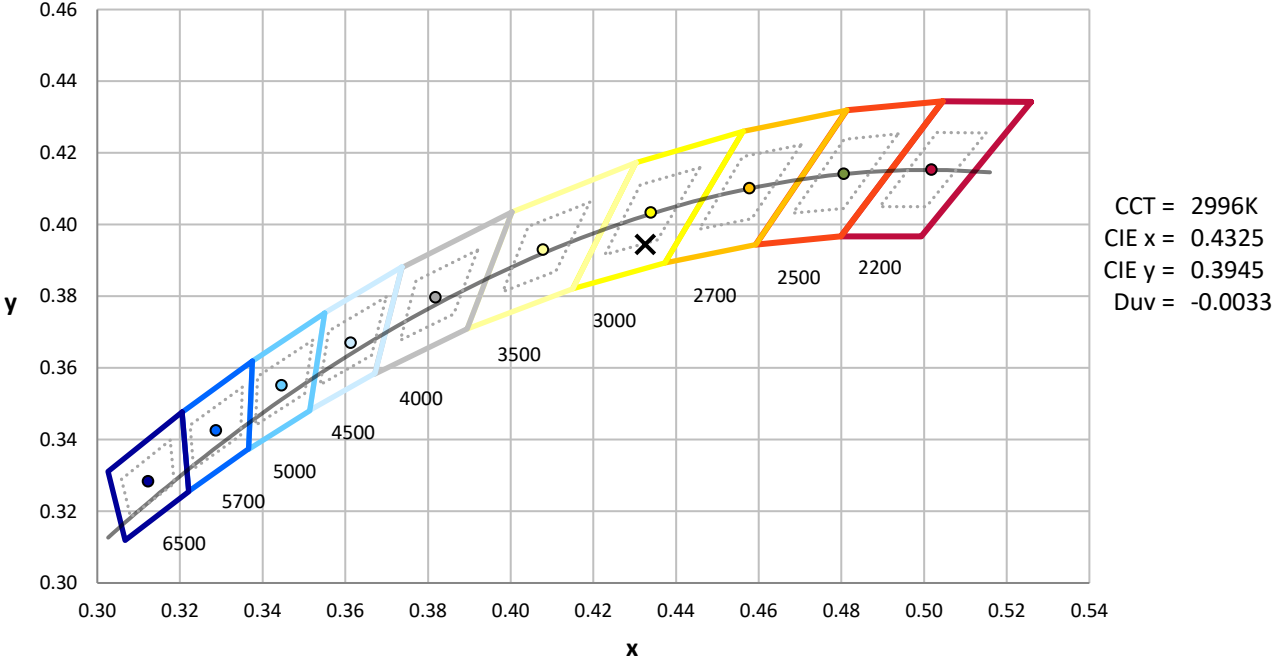
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	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 3000K 7-step quadrangle

REPORT NUMBER: SP1-2506-472-5

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	101	NR	620	317	NR	750	7	NR	880	0	NR
365	0	NR	495	121	NR	625	320	NR	755	6	NR	885	0	NR
370	0	NR	500	141	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	158	NR	635	651	NR	765	4	NR	895	0	NR
380	0	NR	510	171	NR	640	207	NR	770	4	NR	900	0	NR
385	0	NR	515	182	NR	645	201	NR	775	3	NR	905	0	NR
390	0	NR	520	189	NR	650	174	NR	780	3	NR	910	0	NR
395	1	NR	525	194	NR	655	146	NR	785	2	NR	915	0	NR
400	1	NR	530	199	NR	660	124	NR	790	2	NR	920	0	NR
405	3	NR	535	205	NR	665	105	NR	795	2	NR	925	0	NR
410	4	NR	540	210	NR	670	96	NR	800	1	NR	930	0	NR
415	7	NR	545	216	NR	675	79	NR	805	1	NR	935	0	NR
420	13	NR	550	222	NR	680	67	NR	810	1	NR	940	0	NR
425	22	NR	555	230	NR	685	58	NR	815	1	NR	945	0	NR
430	37	NR	560	240	NR	690	49	NR	820	1	NR	950	0	NR
435	60	NR	565	248	NR	695	42	NR	825	1	NR	955	0	NR
440	101	NR	570	258	NR	700	36	NR	830	1	NR	960	0	NR
445	172	NR	575	268	NR	705	30	NR	835	1	NR	965	0	NR
450	223	NR	580	278	NR	710	26	NR	840	1	NR	970	0	NR
455	167	NR	585	287	NR	715	22	NR	845	0	NR	975	0	NR
460	126	NR	590	295	NR	720	19	NR	850	0	NR	980	0	NR
465	111	NR	595	298	NR	725	16	NR	855	0	NR	985	0	NR
470	86	NR	600	303	NR	730	14	NR	860	0	NR	990	0	NR
475	74	NR	605	307	NR	735	12	NR	865	0	NR	995	0	NR
480	77	NR	610	341	NR	740	10	NR	870	0	NR	1000	0	NR
485	86	NR	615	368	NR	745	8	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-5

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.44

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	101	NR	620	317	NR	750	7	NR	880	0	NR
365	0	NR	495	121	NR	625	320	NR	755	6	NR	885	0	NR
370	0	NR	500	141	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	158	NR	635	651	NR	765	4	NR	895	0	NR
380	0	NR	510	171	NR	640	207	NR	770	4	NR	900	0	NR
385	0	NR	515	182	NR	645	201	NR	775	3	NR	905	0	NR
390	0	NR	520	189	NR	650	174	NR	780	3	NR	910	0	NR
395	1	NR	525	194	NR	655	146	NR	785	2	NR	915	0	NR
400	1	NR	530	199	NR	660	124	NR	790	2	NR	920	0	NR
405	3	NR	535	205	NR	665	105	NR	795	2	NR	925	0	NR
410	4	NR	540	210	NR	670	96	NR	800	1	NR	930	0	NR
415	7	NR	545	216	NR	675	79	NR	805	1	NR	935	0	NR
420	13	NR	550	222	NR	680	67	NR	810	1	NR	940	0	NR
425	22	NR	555	230	NR	685	58	NR	815	1	NR	945	0	NR
430	37	NR	560	240	NR	690	49	NR	820	1	NR	950	0	NR
435	60	NR	565	248	NR	695	42	NR	825	1	NR	955	0	NR
440	101	NR	570	258	NR	700	36	NR	830	1	NR	960	0	NR
445	172	NR	575	268	NR	705	30	NR	835	1	NR	965	0	NR
450	223	NR	580	278	NR	710	26	NR	840	1	NR	970	0	NR
455	167	NR	585	287	NR	715	22	NR	845	0	NR	975	0	NR
460	126	NR	590	295	NR	720	19	NR	850	0	NR	980	0	NR
465	111	NR	595	298	NR	725	16	NR	855	0	NR	985	0	NR
470	86	NR	600	303	NR	730	14	NR	860	0	NR	990	0	NR
475	74	NR	605	307	NR	735	12	NR	865	0	NR	995	0	NR
480	77	NR	610	341	NR	740	10	NR	870	0	NR	1000	0	NR
485	86	NR	615	368	NR	745	8	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-5

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.85

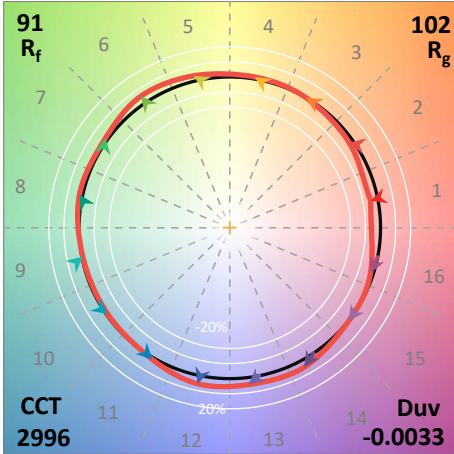
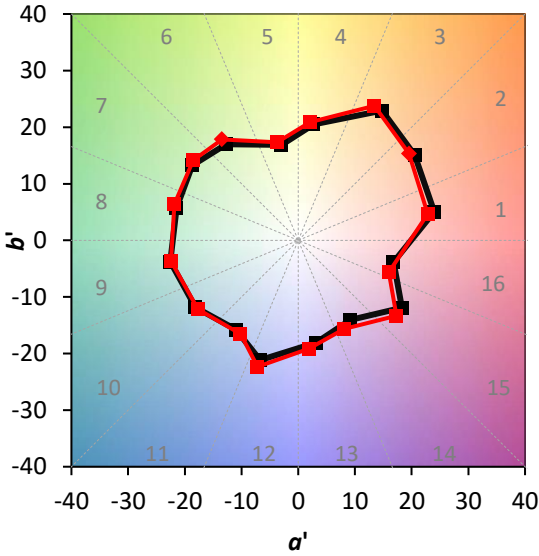
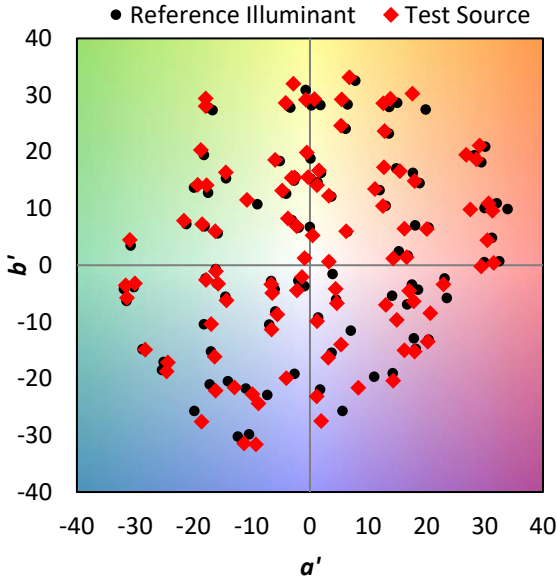
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	101	NR	620	317	NR	750	7	NR	880	0	NR
365	0	NR	495	121	NR	625	320	NR	755	6	NR	885	0	NR
370	0	NR	500	141	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	158	NR	635	651	NR	765	4	NR	895	0	NR
380	0	NR	510	171	NR	640	207	NR	770	4	NR	900	0	NR
385	0	NR	515	182	NR	645	201	NR	775	3	NR	905	0	NR
390	0	NR	520	189	NR	650	174	NR	780	3	NR	910	0	NR
395	1	NR	525	194	NR	655	146	NR	785	2	NR	915	0	NR
400	1	NR	530	199	NR	660	124	NR	790	2	NR	920	0	NR
405	3	NR	535	205	NR	665	105	NR	795	2	NR	925	0	NR
410	4	NR	540	210	NR	670	96	NR	800	1	NR	930	0	NR
415	7	NR	545	216	NR	675	79	NR	805	1	NR	935	0	NR
420	13	NR	550	222	NR	680	67	NR	810	1	NR	940	0	NR
425	22	NR	555	230	NR	685	58	NR	815	1	NR	945	0	NR
430	37	NR	560	240	NR	690	49	NR	820	1	NR	950	0	NR
435	60	NR	565	248	NR	695	42	NR	825	1	NR	955	0	NR
440	101	NR	570	258	NR	700	36	NR	830	1	NR	960	0	NR
445	172	NR	575	268	NR	705	30	NR	835	1	NR	965	0	NR
450	223	NR	580	278	NR	710	26	NR	840	1	NR	970	0	NR
455	167	NR	585	287	NR	715	22	NR	845	0	NR	975	0	NR
460	126	NR	590	295	NR	720	19	NR	850	0	NR	980	0	NR
465	111	NR	595	298	NR	725	16	NR	855	0	NR	985	0	NR
470	86	NR	600	303	NR	730	14	NR	860	0	NR	990	0	NR
475	74	NR	605	307	NR	735	12	NR	865	0	NR	995	0	NR
480	77	NR	610	341	NR	740	10	NR	870	0	NR	1000	0	NR
485	86	NR	615	368	NR	745	8	NR	875	0	NR			

Summary

$R_f = 91.3$
 $R_g = 102$
 $CIE R_a = 94.4$
 $R_9 = 61.4$



Color Vector Graphics

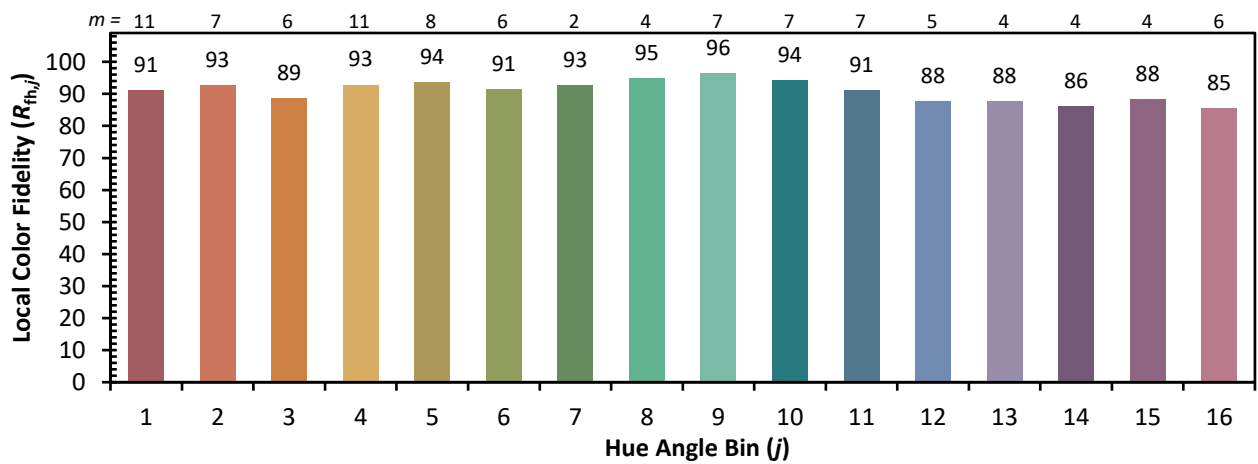
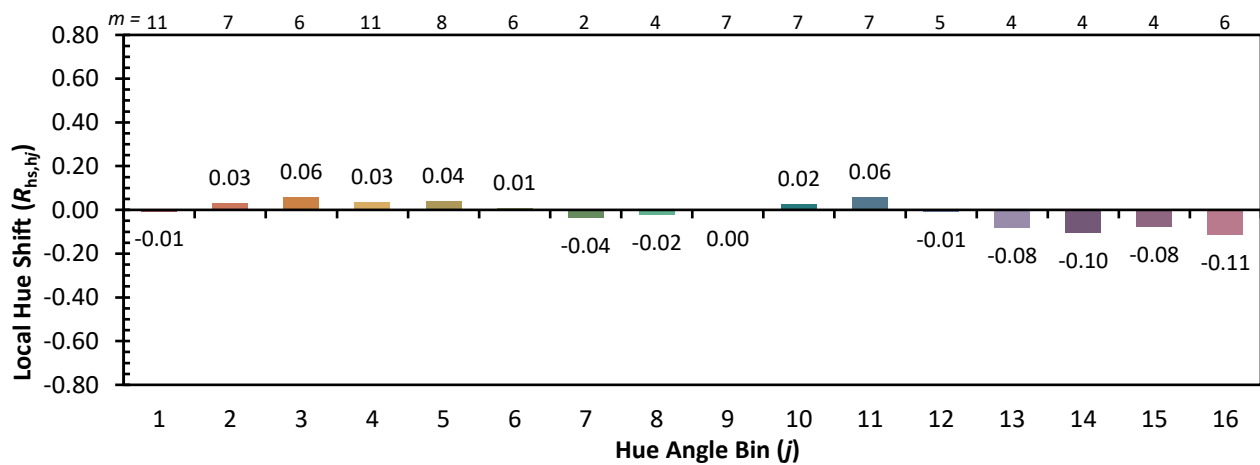
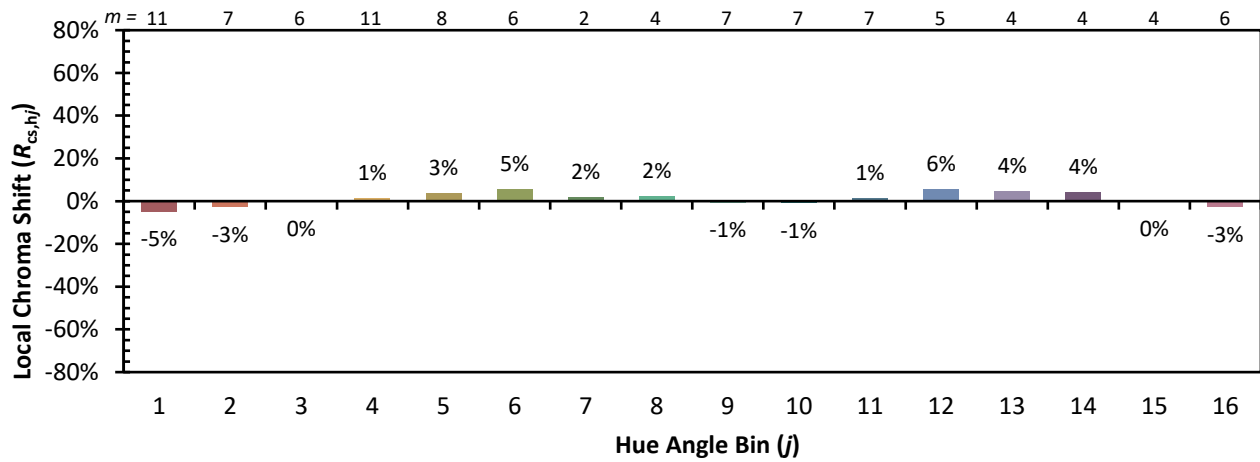


Individual Sample Fidelity Index ($R_{f,i}$)

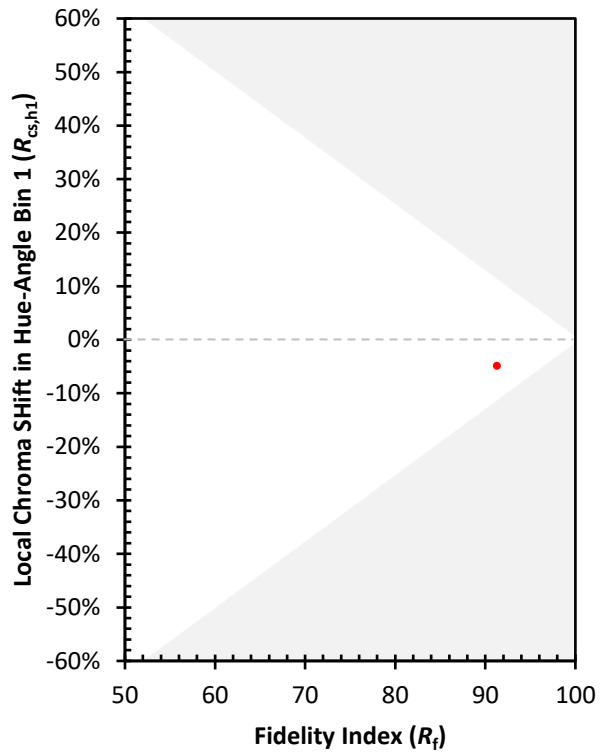
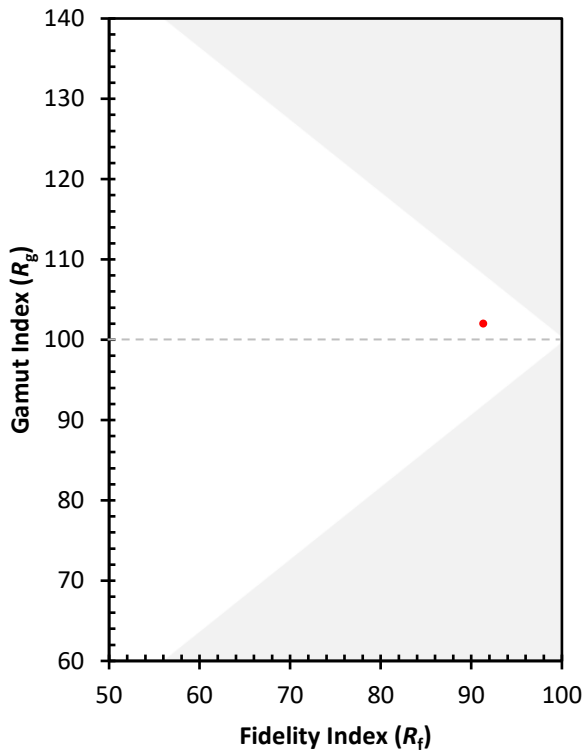
CES01 = 86	CES26 = 91	CES51 = 96	CES76 = 89
CES02 = 63	CES27 = 96	CES52 = 95	CES77 = 85
CES03 = 32	CES28 = 96	CES53 = 93	CES78 = 86
CES04 = 70	CES29 = 90	CES54 = 98	CES79 = 89
CES05 = 51	CES30 = 96	CES55 = 98	CES80 = 91
CES06 = 51	CES31 = 90	CES56 = 95	CES81 = 72
CES07 = 44	CES32 = 84	CES57 = 95	CES82 = 95
CES08 = 42	CES33 = 91	CES58 = 95	CES83 = 93
CES09 = 29	CES34 = 92	CES59 = 99	CES84 = 96
CES10 = 76	CES35 = 96	CES60 = 96	CES85 = 80
CES11 = 59	CES36 = 90	CES61 = 96	CES86 = 77
CES12 = 65	CES37 = 94	CES62 = 95	CES87 = 91
CES13 = 44	CES38 = 99	CES63 = 94	CES88 = 96
CES14 = 74	CES39 = 97	CES64 = 96	CES89 = 82
CES15 = 72	CES40 = 94	CES65 = 92	CES90 = 97
CES16 = 48	CES41 = 94	CES66 = 95	CES91 = 82
CES17 = 50	CES42 = 91	CES67 = 94	CES92 = 78
CES18 = 57	CES43 = 88	CES68 = 93	CES93 = 87
CES19 = 72	CES44 = 99	CES69 = 94	CES94 = 73
CES20 = 67	CES45 = 93	CES70 = 90	CES95 = 85
CES21 = 86	CES46 = 93	CES71 = 90	CES96 = 92
CES22 = 79	CES47 = 86	CES72 = 96	CES97 = 93
CES23 = 92	CES48 = 95	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 91	CES74 = 90	CES99 = 93
CES25 = 72	CES50 = 96	CES75 = 90	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)