

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: P1444757

Luminaire Tested: EHBR1-42-UNV-TA-L935-UPL24

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444757
REPORT IS A COMBINATION OF REPORTS P1444332 AND P1431635
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-42-UNV-TA-L935-UPL24
Description: Elevate Round Highbay at, 42000 lumens, 3500K 90CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

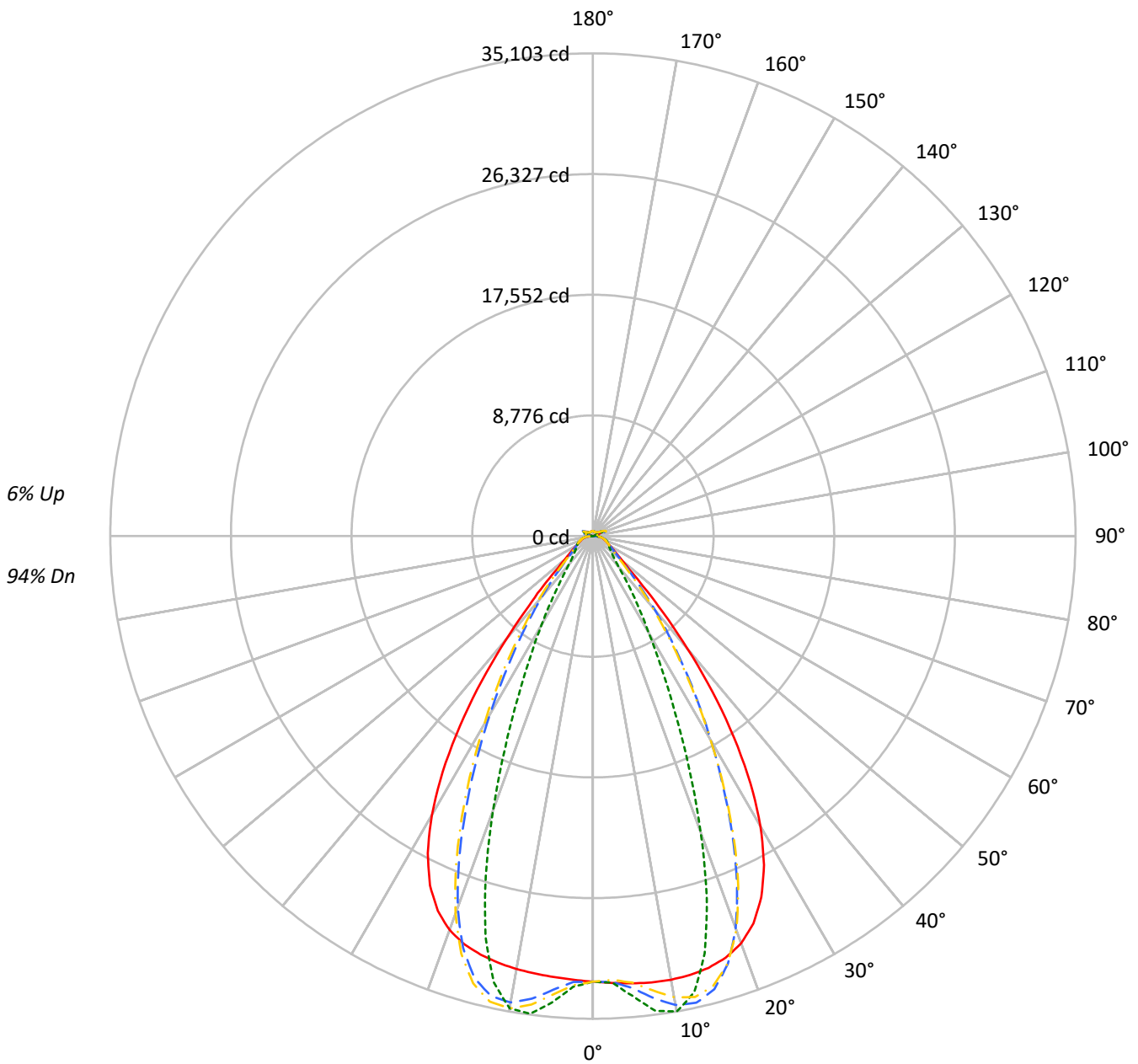
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 39719.9 lumens
Efficiency: N/A
Efficacy: 164.9 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 0.77 / 0.88
Luminous Opening: Vertical Cylinder (Dia: 1.71' x H: 0.1')
CIE Type: Direct

Input Watts (W): 240.9
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

TEST NUMBER: P1444757
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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	118	118	118	118	114	114	114	114	108	108	108	102	102	102	96	96	96	96	96	96	94
1	110	107	104	101	107	104	101	99	99	97	95	94	92	91	90	88	87	87	87	87	85
2	104	98	93	89	101	95	91	87	91	88	84	87	84	82	83	81	79	79	79	79	77
3	97	90	84	79	95	88	82	78	84	80	76	81	77	74	78	75	72	72	72	72	70
4	92	83	76	71	89	81	75	71	78	73	69	75	71	68	73	69	66	66	66	66	64
5	86	77	70	65	84	75	69	64	73	67	63	70	66	62	68	64	61	61	61	61	59
6	81	71	64	60	79	70	64	59	68	62	58	66	61	57	64	60	56	56	56	56	55
7	77	66	60	55	75	65	59	55	64	58	54	62	57	53	60	56	52	52	52	52	51
8	73	62	55	51	71	61	55	51	60	54	50	58	53	49	57	52	49	49	49	49	47
9	69	58	52	47	67	58	51	47	56	51	47	55	50	46	53	49	46	46	46	46	44
10	65	55	49	44	64	54	48	44	53	47	44	52	47	43	51	46	43	43	43	43	41

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	152168	152168	152168	152168
5°	152904	157363	150764	159424
10°	154181	165219	150484	164126
15°	154937	149770	150220	143740
20°	153336	111574	148317	103232
25°	145138	70564	140342	64024
30°	126789	42404	121878	38753
35°	97578	26608	91965	23570
40°	61727	16691	56475	15684
45°	31815	13003	31288	12789
50°	18653	11566	18081	11385
55°	14290	10943	13761	10844
60°	12092	11178	11577	11033
65°	11357	11674	10922	11275
70°	11096	12223	10543	11763
75°	11863	12962	11223	12390
80°	12278	14356	11132	13105
85°	11560	13849	9343	11859

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 48689 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3193.4	8.0
10°-20°	8983.3	22.6
20°-30°	10231.3	25.8
30°-40°	7353.8	18.5
40°-50°	3391.6	8.5
50°-60°	1623.0	4.1
60°-70°	1184.2	3.0
70°-80°	899.7	2.3
80°-90°	413.1	1.0
90°-100°	71.3	0.2
100°-110°	394.0	1.0
110°-120°	727.5	1.8
120°-130°	449.2	1.1
130°-140°	294.2	0.7
140°-150°	222.5	0.6
150°-160°	157.8	0.4
160°-170°	96.6	0.2
170°-180°	33.3	0.1
0°-30°	22408.1	56.4
0°-40°	29761.9	74.9
0°-60°	34776.5	87.6
0°-90°	37273.5	93.8
90°-120°	1192.7	3.0
90°-150°	2158.7	5.4
90°-180°	2446.0	6.2
0°-180°	39719.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	32403	32403	32403	32403	32403	
5°	32648	33600	32191	34040	32648	3120
15°	32505	31421	31515	30156	32505	9158
25°	28984	14092	28026	12786	28984	13139
35°	17909	4884	16879	4326	17909	10991
45°	5148	2104	5062	2069	5148	4378
55°	1931	1479	1860	1465	1931	1783
65°	1185	1218	1140	1177	1185	1184
75°	836	913	791	873	836	869
85°	397	476	321	408	397	373
90°	106	135	29	36	106	66
95°	32	36	32	36	32	31
105°	144	184	97	184	144	190
115°	636	768	666	768	636	588
125°	485	502	548	503	485	441
135°	389	340	418	343	389	303
145°	353	337	374	342	353	223
155°	335	333	355	337	335	156
165°	338	336	350	338	338	96
175°	348	350	354	352	348	33
180°	352	352	352	352	352	



TEST NUMBER: P1444757
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL24

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1
2.5°	32526.9	32524.3	32523.7	32521.4	32520.8	32520.8	32519.7	32517.1	32515.5	32511.7	32507.5
5°	32647.5	32646.1	32647.0	32647.2	32644.9	32639.8	32631.9	32622.2	32610.0	32598.4	32588.1
7.5°	32740.9	32743.1	32746.0	32745.4	32738.3	32726.5	32710.2	32701.1	32706.5	32724.2	32764.5
10°	32757.9	32771.9	32777.2	32775.6	32761.4	32751.2	32755.2	32789.4	32857.8	32949.0	33073.6
12.5°	32691.5	32708.5	32708.0	32702.3	32688.6	32702.5	32752.3	32854.4	33001.0	33180.7	33391.6
15°	32505.0	32527.1	32520.8	32513.6	32504.4	32550.2	32649.4	32827.0	33053.2	33306.7	33566.3
17.5°	32143.0	32169.6	32156.6	32148.3	32140.6	32226.3	32397.0	32656.9	32941.9	33228.7	33474.6
20°	31514.9	31532.7	31501.9	31487.3	31499.6	31667.6	31918.9	32250.9	32551.3	32822.4	32990.6
22.5°	30489.9	30512.1	30454.1	30447.4	30518.9	30777.0	31095.1	31466.1	31748.3	31963.2	32028.0
25°	28984.0	29005.8	28936.9	28978.1	29099.9	29451.3	29830.1	30227.0	30467.8	30627.0	30583.1
27.5°	26951.3	26971.3	26905.9	26990.0	27182.5	27644.4	28090.1	28520.6	28735.3	28846.8	28705.5
30°	24387.8	24429.2	24352.0	24469.3	24763.2	25362.8	25873.5	26356.3	26570.3	26655.2	26435.2
32.5°	21343.1	21402.0	21316.9	21491.4	21901.4	22621.7	23201.9	23741.4	23978.0	24074.9	23826.5
35°	17909.0	17993.5	17895.8	18157.9	18663.6	19465.7	20108.2	20710.4	20990.7	21128.1	20877.7
37.5°	14270.7	14351.3	14298.4	14648.0	15203.3	16034.7	16690.5	17340.3	17656.7	17862.9	17665.5
40°	10698.8	10772.5	10812.5	11212.3	11734.5	12518.1	13148.0	13790.9	14145.0	14403.7	14282.0
42.5°	7551.3	7625.6	7761.5	8147.3	8582.8	9231.4	9771.0	10348.1	10686.4	10962.5	10915.6
45°	5147.5	5233.9	5404.2	5720.0	6035.0	6500.3	6896.5	7345.4	7621.7	7874.6	7877.6
47.5°	3607.1	3667.7	3819.9	4035.6	4241.0	4823.5	4847.4	5068.0	5253.8	5442.8	5467.3
50°	2780.0	2816.4	2897.2	3017.4	3133.7	3284.9	3423.4	3583.3	3697.6	3801.2	3826.0
52.5°	2284.9	2308.1	2349.2	2414.3	2481.8	2564.0	2638.1	2725.9	2788.1	2843.6	2855.2
55°	1931.1	1950.3	2011.5	2023.8	2101.1	2116.0	2148.9	2202.3	2238.5	2271.7	2280.1
57.5°	1664.2	1678.2	1691.1	1718.9	1742.6	1777.2	1805.0	1843.4	1866.2	1890.2	1892.2
60°	1453.6	1463.6	1472.9	1492.1	1508.3	1532.3	1551.5	1577.6	1594.0	1612.0	1614.0
62.5°	1296.9	1304.0	1310.2	1322.9	1334.5	1353.0	1368.2	1389.9	1405.2	1419.1	1422.2
65°	1185.4	1190.6	1194.6	1204.2	1214.4	1230.1	1243.8	1261.7	1272.8	1283.5	1285.8
67.5°	1086.7	1091.8	1095.8	1104.5	1111.5	1123.3	1132.5	1145.9	1154.3	1162.8	1163.1
70°	973.6	978.3	981.4	989.5	995.1	1005.3	1012.7	1024.7	1033.4	1042.8	1045.3
72.5°	895.3	898.0	902.3	909.7	917.5	928.3	938.2	950.7	961.2	971.0	975.2
75°	835.7	839.0	841.7	848.1	853.5	862.6	870.1	881.5	890.6	901.2	906.3
77.5°	749.7	753.4	755.9	762.2	766.9	775.6	781.2	791.4	798.8	808.4	813.2
80°	645.9	649.3	651.0	657.0	660.7	668.8	674.2	684.0	690.3	699.9	705.5
82.5°	530.7	534.0	535.0	540.6	542.7	549.3	553.2	563.4	571.0	583.5	592.2
85°	397.3	398.6	400.5	399.1	407.1	407.6	416.7	418.4	430.4	433.5	447.2
87.5°	242.9	246.5	248.3	253.9	256.3	261.8	263.5	269.4	272.6	279.3	282.4
90°	105.9	111.7	113.7	120.5	122.4	128.4	130.0	136.7	138.8	145.7	148.7
92.5°	28.7	30.5	32.1	34.3	36.0	38.5	40.6	42.7	44.5	46.9	50.6
95°	32.4	34.5	36.5	38.6	40.6	42.7	44.7	46.8	48.8	50.8	56.7
97.5°	40.5	42.3	44.0	45.9	47.6	49.4	51.1	52.9	54.7	56.4	63.4
100°	52.4	53.9	55.4	56.9	58.4	59.9	61.4	62.9	64.3	65.9	79.0
102.5°	85.6	90.9	96.2	101.5	106.9	111.9	117.5	122.6	127.9	133.2	161.1
105°	143.5	157.8	172.3	186.7	201.1	215.5	229.9	244.2	258.6	272.9	318.4
107.5°	243.3	269.9	296.6	323.3	350.0	376.6	403.3	429.8	456.4	482.8	528.9
110°	446.9	468.2	489.7	511.1	532.5	553.9	575.3	596.5	618.0	639.2	672.9



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	602.0	611.5	621.2	630.8	640.5	650.0	659.7	669.2	678.9	688.4	712.3
115°	636.2	639.5	642.9	646.1	649.5	652.6	656.0	659.2	662.4	665.5	681.7
117.5°	619.7	618.9	618.3	617.7	616.8	616.0	615.2	614.3	613.4	612.6	621.7
120°	580.4	577.2	574.3	571.0	567.9	564.5	561.4	558.0	554.8	551.3	555.2
122.5°	530.4	526.7	523.1	519.1	515.4	511.4	507.7	503.5	499.7	495.8	496.9
125°	484.6	480.8	477.3	473.3	469.3	465.2	461.2	457.2	453.2	449.0	449.5
127.5°	445.2	442.6	439.9	436.9	434.0	430.9	427.9	424.7	421.8	418.5	418.5
130°	420.7	418.4	415.8	413.1	410.5	407.5	404.7	401.7	398.9	395.8	395.9
132.5°	401.2	399.5	397.7	395.6	393.5	391.1	389.1	386.5	384.4	382.0	382.0
135°	389.1	387.3	385.7	383.7	381.8	379.6	377.4	375.1	373.0	370.5	370.8
137.5°	379.0	377.5	375.9	374.0	372.2	370.0	368.0	365.8	363.7	361.4	361.5
140°	370.0	368.5	367.0	365.3	363.6	361.7	359.6	357.6	355.6	353.5	353.9
142.5°	359.4	358.1	357.0	355.5	354.1	352.3	350.7	348.8	347.1	345.3	345.9
145°	352.9	351.8	350.8	349.6	348.3	346.6	345.3	343.5	342.1	340.5	341.2
147.5°	347.3	346.4	345.7	344.6	343.6	342.1	340.9	339.4	338.2	336.8	337.6
150°	342.4	341.7	340.9	340.0	338.8	337.6	336.3	335.1	333.9	332.5	333.3
152.5°	337.1	336.2	335.5	334.5	333.5	332.2	331.3	330.0	328.8	327.6	328.2
155°	334.6	333.7	332.8	332.0	331.0	329.9	328.7	327.6	326.6	325.4	325.9
157.5°	333.8	332.9	332.3	331.3	330.7	329.7	328.9	327.8	327.0	326.1	326.4
160°	334.5	333.8	333.0	332.2	331.4	330.4	329.6	328.6	328.0	327.1	327.3
162.5°	335.5	334.6	334.0	333.1	332.4	331.4	330.6	329.9	329.2	328.2	328.5
165°	337.5	337.1	336.4	335.9	335.3	334.7	334.1	333.3	332.7	332.0	332.2
167.5°	342.0	341.2	340.8	340.0	339.3	338.6	338.0	337.2	336.7	335.8	336.1
170°	344.3	343.8	343.4	343.0	342.5	342.0	341.7	341.2	340.7	340.2	340.4
172.5°	346.9	346.5	346.2	346.0	345.5	345.3	344.9	344.6	344.3	343.9	344.3
175°	347.8	347.5	347.4	347.1	346.9	346.7	346.5	346.3	346.3	345.9	346.0
177.5°	350.3	350.2	350.2	350.1	350.1	349.9	349.8	349.6	349.5	349.5	349.7
180°	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1
2.5°	32504.4	32500.4	32495.1	32488.2	32482.3	32475.5	32459.3	32454.5	32459.8	32463.4	32470.9
5°	32581.6	32583.9	32584.7	32599.5	32612.3	32644.1	32893.4	32992.5	33069.0	33117.7	33191.6
7.5°	32814.5	32889.4	32963.5	33063.2	33149.2	33265.3	33701.5	33887.1	34019.1	34114.0	34230.7
10°	33209.1	33372.7	33526.0	33705.7	33860.1	34037.0	34443.0	34623.9	34738.1	34821.2	34898.7
12.5°	33606.6	33833.4	34038.5	34238.4	34405.5	34558.9	34701.7	34765.0	34770.3	34773.0	34731.8
15°	33813.6	34030.5	34211.1	34343.3	34441.6	34485.0	34239.2	34110.2	33947.3	33813.1	33592.2
17.5°	33683.0	33813.1	33891.1	33883.4	33842.8	33706.8	33010.6	32627.6	32247.4	31904.8	31455.5
20°	33102.0	33092.1	33024.3	32832.0	32600.4	32240.1	31046.4	30357.7	29691.8	29106.9	28397.5
22.5°	32021.4	31851.3	31614.3	31199.7	30739.2	30109.8	28399.1	27386.1	26459.1	25640.2	24722.8
25°	30455.6	30105.7	29668.5	29010.4	28294.7	27376.7	25268.3	24008.2	22895.2	21929.9	20871.4
27.5°	28451.6	27924.6	27283.9	26373.0	25403.4	24227.4	21889.8	20499.2	19304.4	18269.4	17142.9
30°	26079.2	25393.8	24566.3	23435.9	22266.2	20932.5	18561.6	17153.1	15943.8	14879.1	13751.7
32.5°	23398.0	22595.3	21625.7	20356.9	19092.1	17720.6	15431.1	14067.7	12912.4	11888.1	10867.7
35°	20440.9	19580.2	18554.3	17260.1	16002.9	14669.6	12568.7	11339.4	10319.2	9413.9	8589.9
37.5°	17268.8	16423.7	15448.7	14228.9	13063.1	11854.9	10042.1	9012.0	8155.9	7404.4	6768.3
40°	13970.9	13231.2	12387.6	11333.1	10338.1	9331.9	7843.9	7026.2	6350.6	5777.5	5300.8
42.5°	10713.2	10140.0	9493.1	8659.8	7898.4	7132.3	5986.9	5381.1	4880.7	4468.2	4131.0
45°	7772.8	7389.4	6955.4	6376.1	5849.4	5314.9	4499.7	4074.0	3748.1	3482.1	3257.2
47.5°	5433.5	5211.1	5197.6	4662.2	4275.9	3949.1	3424.0	3155.1	2955.4	2794.2	2651.8
50°	3815.8	3708.2	3574.6	3383.5	3204.2	3019.5	2699.6	2537.0	2420.1	2322.4	2232.4
52.5°	2852.6	2796.8	2725.5	2624.2	2527.0	2423.2	2220.7	2117.2	2080.4	1989.5	1918.2
55°	2278.4	2246.4	2205.9	2146.4	2087.3	2063.6	1890.1	1813.2	1764.6	1728.7	1690.4
57.5°	1892.6	1868.7	1844.7	1804.3	1770.2	1728.7	1636.6	1597.2	1568.2	1547.1	1520.5
60°	1614.4	1600.0	1586.6	1563.0	1544.5	1522.2	1463.6	1441.4	1426.3	1413.6	1396.7
62.5°	1424.8	1417.5	1410.6	1397.9	1388.6	1376.4	1336.5	1325.8	1318.3	1311.8	1301.5
65°	1288.1	1282.8	1278.9	1270.6	1265.9	1258.8	1224.5	1217.2	1212.6	1210.2	1204.2
67.5°	1163.8	1158.3	1155.8	1149.8	1147.8	1143.3	1115.2	1111.3	1109.7	1110.4	1108.3
70°	1047.5	1045.3	1046.4	1045.5	1048.2	1049.0	1031.9	1031.8	1033.6	1037.2	1037.6
72.5°	977.9	977.9	979.2	979.8	982.4	983.5	969.3	968.7	969.5	972.1	972.2
75°	911.6	912.7	916.3	917.5	920.5	921.1	902.3	900.2	900.3	902.8	902.0
77.5°	819.9	823.9	830.7	834.3	840.0	841.1	820.0	817.6	817.7	820.2	818.1
80°	715.7	723.3	734.2	741.8	750.7	754.2	732.7	727.5	722.7	722.0	717.6
82.5°	605.2	614.4	627.5	634.3	643.8	645.9	609.8	603.0	598.9	599.3	595.3
85°	462.0	468.9	480.8	484.7	490.6	490.1	448.8	431.1	435.8	428.5	434.2
87.5°	289.8	293.8	301.3	302.3	305.1	304.4	262.8	254.7	252.3	252.4	249.4
90°	156.3	159.9	167.2	168.2	173.3	173.6	140.8	137.9	134.0	135.0	130.1
92.5°	54.6	58.1	62.0	65.7	69.6	73.3	73.3	75.9	72.4	68.3	65.1
95°	62.7	68.7	74.7	80.8	86.7	92.7	98.7	104.7	99.1	93.4	87.7
97.5°	70.5	77.6	84.5	91.6	98.7	105.8	112.8	119.9	113.9	107.8	101.8
100°	92.2	105.4	118.5	131.7	144.7	158.0	171.1	184.3	172.7	161.1	149.5
102.5°	189.0	217.0	244.9	272.9	300.7	328.7	357.0	385.0	358.3	331.5	304.9
105°	363.6	409.0	454.3	499.5	544.7	590.1	635.8	681.1	638.5	596.0	553.3
107.5°	574.9	620.8	666.6	712.6	758.5	804.5	851.0	896.9	855.4	813.6	772.1
110°	706.4	739.7	773.3	806.7	840.2	873.6	907.9	941.4	916.4	891.3	866.2



TEST NUMBER: P1444757
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL24

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	736.1	760.0	783.9	807.7	831.5	855.3	880.3	904.3	891.6	878.8	866.3
115°	697.6	713.8	729.7	745.7	761.8	777.5	794.9	811.3	806.9	802.7	798.5
117.5°	630.4	639.2	648.0	656.9	665.5	674.3	684.8	693.9	694.2	694.8	695.2
120°	558.7	562.3	565.7	569.4	572.7	576.3	581.8	585.8	588.9	591.8	594.9
122.5°	498.1	499.3	500.4	501.6	502.7	503.6	507.2	508.8	510.7	512.7	514.8
125°	449.8	450.3	450.6	451.1	451.2	451.5	454.7	455.4	455.3	455.0	454.9
127.5°	418.2	418.0	417.7	417.6	417.0	416.9	419.4	419.8	418.1	416.3	414.4
130°	395.8	395.8	395.6	395.7	395.6	395.7	398.6	399.4	396.5	393.4	390.5
132.5°	382.0	382.1	382.0	382.3	382.3	382.3	385.6	386.5	383.4	379.8	376.6
135°	370.8	371.1	371.2	371.4	371.5	372.0	375.6	376.7	373.6	370.2	367.2
137.5°	361.6	361.9	362.1	362.4	362.5	362.8	367.1	368.2	365.6	362.8	360.4
140°	354.2	354.5	354.8	355.4	355.6	356.3	360.8	362.2	360.3	358.0	355.8
142.5°	346.4	347.1	347.8	348.8	349.5	350.4	355.6	357.4	355.8	354.1	352.6
145°	341.9	343.0	343.8	344.9	345.8	346.9	352.7	354.9	353.9	352.7	351.6
147.5°	338.1	339.0	339.7	340.7	341.6	342.9	349.0	351.1	350.5	349.7	348.8
150°	334.0	334.9	335.7	336.7	337.9	339.1	346.0	348.6	347.9	347.3	346.6
152.5°	328.9	329.6	330.4	331.4	332.3	333.3	341.9	344.5	344.0	343.3	342.9
155°	326.5	327.0	327.5	328.2	328.8	329.8	338.9	341.6	341.2	340.9	340.4
157.5°	326.6	326.9	327.1	327.5	328.0	328.5	338.1	341.0	340.5	340.1	339.8
160°	327.4	327.6	327.7	328.0	328.3	328.5	338.5	341.1	340.9	340.4	340.1
162.5°	328.7	329.4	329.5	330.0	330.3	330.9	340.8	343.9	343.2	342.8	342.2
165°	332.4	332.4	332.4	332.7	332.9	333.2	342.5	344.9	344.7	344.2	343.9
167.5°	336.1	336.4	336.5	336.9	337.0	337.5	346.1	348.6	348.3	347.8	347.6
170°	340.5	340.8	340.9	341.1	341.5	341.9	349.1	351.1	350.9	350.3	349.9
172.5°	344.5	344.9	345.2	345.5	345.8	346.2	352.4	354.3	354.0	353.6	353.2
175°	346.4	346.5	346.9	347.2	347.5	347.8	352.7	354.0	353.8	353.6	353.4
177.5°	349.9	350.0	350.3	350.6	350.8	351.1	354.1	354.9	354.8	354.8	354.7
180°	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5



TEST NUMBER: P1444757
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL24

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1
2.5°	32472.6	32484.0	32485.6	32499.0	32497.9	32513.7	32511.2	32524.3	32516.6	32527.3	32518.4
5°	33235.3	33304.4	33340.6	33408.1	33429.4	33489.9	33506.9	33562.0	33564.3	33608.0	33598.1
7.5°	34313.5	34415.5	34476.0	34559.5	34601.7	34671.3	34701.9	34753.3	34769.9	34810.7	34813.8
10°	34957.5	35007.0	35041.5	35064.8	35086.1	35096.1	35107.7	35104.6	35107.7	35103.1	35113.1
12.5°	34704.2	34631.9	34584.1	34493.5	34441.1	34341.1	34292.0	34195.7	34160.8	34078.2	34066.3
15°	33421.5	33169.6	32991.6	32732.7	32569.9	32315.3	32166.3	31936.5	31831.5	31648.9	31601.0
17.5°	31083.6	30616.0	30254.1	29789.8	29467.6	29033.7	28760.8	28401.6	28205.0	27915.3	27815.1
20°	27806.0	27114.0	26571.1	25924.5	25461.6	24885.0	24515.8	24050.2	23779.9	23424.2	23280.0
22.5°	23958.0	23096.4	22418.4	21654.5	21096.0	20453.4	20011.1	19507.4	19213.3	18826.8	18655.7
25°	19991.8	19041.8	18288.0	17483.0	16893.0	16248.8	15806.5	15311.5	15007.3	14640.4	14470.3
27.5°	16198.5	15236.8	14508.3	13760.0	13218.7	12637.5	12238.3	11806.2	11536.1	11223.0	11063.0
30°	12851.0	12002.8	11382.9	10761.8	10311.6	9839.6	9507.8	9149.8	8912.8	8644.7	8492.2
32.5°	10123.8	9469.0	8983.5	8490.7	8122.2	7727.7	7441.1	7125.2	6911.3	6671.9	6533.8
35°	8017.9	7509.1	7121.9	6716.3	6399.7	6063.7	5811.1	5538.4	5346.5	5140.3	5021.2
37.5°	6335.0	5930.4	5611.8	5274.8	5014.8	4736.5	4642.7	4329.7	4130.9	3966.3	3852.4
40°	4971.7	4650.0	4386.4	4128.7	3916.6	3705.5	3536.0	3368.9	3240.5	3122.8	3041.4
42.5°	3882.5	3649.4	3456.9	3268.1	3113.4	2959.6	2836.9	2721.7	2635.2	2558.3	2505.8
45°	3086.4	2926.1	2792.3	2659.4	2550.2	2447.5	2364.9	2291.5	2235.6	2189.3	2156.6
47.5°	2535.5	2425.8	2331.4	2241.7	2167.6	2100.3	2045.0	2027.0	1966.9	1926.5	1911.1
50°	2154.9	2088.6	2016.9	1950.7	1901.3	1852.0	1816.1	1780.9	1758.5	1739.9	1734.2
52.5°	1870.8	1820.1	1780.2	1738.3	1705.6	1670.5	1645.8	1622.4	1610.0	1600.3	1599.1
55°	1659.5	1624.1	1597.7	1569.6	1550.0	1529.4	1516.7	1504.2	1498.8	1493.9	1494.3
57.5°	1499.7	1476.0	1458.8	1440.6	1430.0	1420.2	1417.0	1413.8	1415.5	1416.2	1418.9
60°	1383.1	1367.8	1357.0	1346.5	1342.1	1339.0	1341.4	1344.2	1349.8	1354.3	1358.5
62.5°	1294.0	1285.2	1279.9	1274.3	1273.8	1274.0	1278.8	1283.5	1290.6	1295.9	1299.9
65°	1202.1	1197.1	1195.4	1191.7	1193.5	1194.6	1200.4	1204.1	1211.1	1215.3	1220.4
67.5°	1109.3	1108.1	1109.2	1109.2	1112.4	1115.1	1120.7	1124.8	1130.7	1134.6	1138.7
70°	1040.7	1041.2	1043.7	1044.2	1047.6	1049.6	1054.4	1057.1	1062.4	1065.7	1070.6
72.5°	974.0	972.9	973.6	972.0	973.2	972.8	975.4	976.7	981.3	983.7	989.8
75°	903.1	900.1	899.4	896.1	896.3	893.9	895.0	894.9	897.9	899.1	903.4
77.5°	817.3	812.3	809.9	804.5	804.4	802.3	804.5	805.8	811.1	813.6	818.5
80°	714.7	706.8	703.2	697.0	698.1	697.7	703.0	706.9	713.5	714.6	720.9
82.5°	594.1	586.0	582.2	576.1	577.5	577.6	582.4	583.3	588.9	591.3	598.5
85°	425.3	428.5	420.0	420.5	418.7	422.1	425.3	429.4	434.1	441.9	447.9
87.5°	250.5	249.4	252.4	252.8	257.1	259.4	266.4	270.4	278.2	284.2	295.3
90°	129.5	124.7	126.3	124.2	127.6	125.6	128.8	126.3	130.2	130.1	135.5
92.5°	60.7	57.2	53.0	49.5	45.4	42.1	39.9	38.4	36.3	35.1	32.8
95°	82.2	76.6	71.1	65.4	59.9	54.3	52.2	50.2	48.1	46.1	44.0
97.5°	95.8	89.7	83.7	77.6	71.6	65.6	64.3	62.9	61.5	60.2	58.8
100°	137.7	126.2	114.6	102.9	91.4	79.8	78.7	77.6	76.5	75.4	74.3
102.5°	278.3	251.7	225.1	198.5	171.9	145.3	140.7	136.0	131.4	126.8	122.2
105°	510.7	468.0	425.5	382.9	340.5	297.8	285.1	272.4	259.7	247.0	234.4
107.5°	730.5	688.9	647.4	605.9	564.4	523.0	502.7	482.7	462.6	442.6	422.5
110°	841.0	816.0	791.1	765.9	741.1	716.2	697.0	677.8	658.5	639.4	620.3



TEST NUMBER: P1444757
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL24

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	853.6	841.0	828.2	815.7	803.2	790.6	781.3	771.8	762.5	753.2	743.6
115°	794.3	790.0	786.0	781.9	777.9	773.7	772.9	772.3	771.4	770.7	770.0
117.5°	695.6	696.2	696.5	697.1	697.7	698.3	703.1	707.8	712.7	717.7	722.9
120°	597.9	601.1	604.1	607.2	610.3	613.6	619.9	626.5	633.0	639.7	646.5
122.5°	516.6	518.7	520.5	522.7	524.7	526.8	533.1	539.5	545.9	552.4	559.2
125°	454.3	454.1	453.8	453.4	453.1	453.1	458.1	463.2	468.5	473.9	479.3
127.5°	412.5	410.5	408.6	406.8	404.8	403.1	405.9	408.8	411.7	414.6	417.8
130°	387.5	384.5	381.2	378.4	375.1	372.3	373.1	374.0	374.9	375.9	377.1
132.5°	373.0	369.7	366.2	362.7	359.1	355.8	355.3	354.8	354.3	354.1	353.9
135°	363.7	360.5	357.0	353.7	350.3	347.1	345.9	344.7	343.7	342.6	341.7
137.5°	357.6	354.9	352.2	349.6	346.7	344.0	342.4	341.1	339.5	338.5	337.2
140°	353.5	351.5	349.0	346.9	344.5	342.5	341.1	340.0	338.6	337.6	336.4
142.5°	350.7	349.0	347.2	345.6	343.8	342.1	340.8	339.7	338.4	337.4	336.3
145°	350.3	349.2	347.9	346.7	345.4	344.3	343.0	342.2	341.2	340.4	339.6
147.5°	348.0	347.1	346.4	345.5	344.5	343.6	342.8	342.3	341.3	340.9	340.1
150°	345.7	345.0	344.1	343.5	342.5	341.9	341.2	340.8	340.1	340.0	339.3
152.5°	342.0	341.3	340.6	340.0	339.1	338.4	337.9	337.6	337.1	336.8	336.2
155°	339.9	339.3	338.8	338.2	337.5	337.2	336.6	336.0	335.5	335.1	334.4
157.5°	339.3	338.8	338.2	337.9	337.2	336.7	336.2	335.7	335.1	334.7	334.2
160°	339.6	339.2	338.6	338.2	337.7	337.2	336.4	336.0	335.2	334.7	333.9
162.5°	341.6	341.0	340.5	339.9	339.1	338.6	338.1	337.5	337.1	336.6	336.0
165°	343.4	342.9	342.4	342.0	341.6	341.1	340.4	339.9	339.1	338.6	338.0
167.5°	347.1	346.8	346.3	345.9	345.3	344.9	344.3	343.8	343.0	342.5	341.7
170°	349.5	348.9	348.5	347.9	347.4	346.9	346.3	345.8	345.0	344.8	344.0
172.5°	352.7	352.6	352.0	351.7	351.0	350.7	350.3	349.8	349.3	348.8	348.4
175°	353.3	353.1	353.0	352.7	352.6	352.3	352.0	351.9	351.7	351.6	351.2
177.5°	354.7	354.6	354.6	354.4	354.2	354.2	354.0	353.8	353.6	353.3	353.2
180°	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5



TEST NUMBER: P1444757
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL24

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1
2.5°	32527.7	32519.5	32523.3	32508.1	32511.7	32493.3	32491.6	32470.9	32468.9	32449.3	32442.0
5°	33629.1	33610.9	33631.3	33599.5	33605.8	33564.3	33560.8	33507.3	33488.8	33421.8	33392.8
7.5°	34839.4	34832.6	34845.1	34818.4	34817.5	34780.6	34765.3	34717.3	34687.5	34617.1	34572.2
10°	35104.6	35110.8	35100.6	35103.1	35088.7	35084.7	35070.0	35060.6	35036.5	35018.2	34991.4
12.5°	34003.5	34010.1	33968.0	33994.7	33973.7	34022.8	34018.9	34076.7	34085.6	34158.9	34186.6
15°	31458.7	31450.7	31370.1	31421.0	31393.7	31501.6	31525.7	31670.8	31748.3	31934.6	32049.0
17.5°	27614.3	27593.6	27480.1	27541.9	27510.4	27669.5	27722.8	27954.8	28099.6	28399.6	28613.5
20°	23031.7	22991.9	22859.2	22931.6	22899.1	23079.8	23155.9	23436.3	23622.9	24020.4	24303.2
22.5°	18392.2	18329.4	18199.4	18267.0	18236.3	18423.4	18522.5	18803.9	19017.6	19425.7	19755.8
25°	14225.9	14170.0	14044.2	14091.5	14080.1	14238.4	14326.5	14592.7	14802.7	15191.4	15506.6
27.5°	10850.5	10792.2	10678.6	10712.1	10700.6	10835.4	10918.5	11140.9	11321.6	11648.8	11925.5
30°	8304.4	8234.2	8137.8	8156.3	8148.4	8257.7	8335.3	8522.5	8677.5	8954.0	9192.4
32.5°	6365.3	6294.7	6206.3	6214.9	6203.2	6288.9	6352.8	6515.7	6650.6	6885.8	7093.3
35°	4870.3	4952.8	4763.8	4883.6	4759.0	4941.9	4876.1	4977.8	5093.9	5292.1	5465.2
37.5°	3744.1	3686.6	3638.0	3632.8	3632.6	3675.0	3725.0	3823.1	3925.4	4073.0	4225.5
40°	2967.0	2926.7	2895.3	2892.9	2895.3	2925.4	2962.3	3030.1	3105.0	3211.0	3323.1
42.5°	2460.9	2434.1	2415.1	2413.8	2419.8	2441.2	2466.8	2507.1	2555.8	2624.5	2701.4
45°	2129.9	2115.0	2104.4	2103.9	2106.6	2117.8	2132.6	2157.6	2188.5	2231.4	2280.1
47.5°	1897.7	1894.0	1887.4	1887.7	1884.7	1889.2	1891.0	1905.0	1921.4	1953.8	2017.3
50°	1728.6	1728.6	1724.0	1723.7	1719.4	1719.2	1715.6	1721.1	1728.8	1748.9	1769.2
52.5°	1594.9	1594.4	1589.5	1588.5	1584.0	1583.7	1580.6	1582.8	1583.9	1594.0	1606.1
55°	1490.5	1487.3	1480.9	1478.8	1477.0	1479.6	1478.4	1478.6	1477.2	1481.4	1485.0
57.5°	1415.5	1411.4	1405.3	1403.5	1403.0	1406.2	1406.3	1405.2	1399.6	1395.7	1390.3
60°	1356.1	1352.1	1345.4	1343.8	1344.7	1349.1	1348.9	1345.3	1336.8	1329.5	1321.0
62.5°	1298.0	1296.2	1292.9	1292.4	1291.5	1292.2	1289.3	1285.4	1277.1	1269.3	1260.1
65°	1219.7	1220.6	1218.1	1218.5	1215.4	1214.9	1210.4	1206.7	1198.3	1191.2	1181.7
67.5°	1138.5	1139.2	1137.2	1137.2	1135.5	1135.8	1133.0	1129.6	1122.5	1116.7	1109.3
70°	1071.6	1073.4	1072.2	1072.5	1070.6	1069.9	1065.6	1062.2	1054.9	1050.1	1043.5
72.5°	991.6	995.1	995.1	995.9	993.1	991.6	986.4	982.2	975.6	971.8	966.5
75°	905.2	909.8	911.1	913.1	909.0	906.9	901.3	897.9	892.5	890.2	886.8
77.5°	820.7	825.8	830.7	835.4	828.7	822.9	815.8	810.3	802.6	799.7	794.3
80°	726.0	735.0	746.0	755.2	743.2	731.2	719.5	710.9	700.7	696.5	689.8
82.5°	602.3	611.6	617.8	623.7	615.5	606.7	595.4	587.8	576.8	572.7	564.9
85°	457.5	469.2	472.9	476.0	470.7	466.0	455.5	441.2	434.2	423.3	417.6
87.5°	300.9	307.9	309.2	310.3	307.1	304.8	297.9	291.2	279.3	270.7	260.1
90°	134.1	137.7	134.0	134.6	131.4	133.0	127.1	125.9	117.1	114.6	106.9
92.5°	31.3	29.2	27.5	25.6	28.0	29.3	31.5	32.8	34.9	36.3	38.4
95°	42.1	40.0	38.0	35.9	37.5	39.2	40.8	42.4	44.0	45.7	47.3
97.5°	57.5	56.1	54.7	53.4	54.4	55.3	56.3	57.2	58.2	59.1	60.3
100°	73.2	72.1	71.1	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
102.5°	117.6	112.9	108.3	103.7	106.9	109.9	113.1	116.2	119.4	122.4	125.7
105°	221.7	209.0	196.4	183.7	195.9	208.2	220.5	232.7	245.0	257.4	269.7
107.5°	402.3	382.4	362.4	342.3	364.8	387.1	409.5	431.8	454.1	476.4	498.9
110°	601.3	582.2	563.1	544.1	567.7	591.5	615.1	638.8	662.6	686.3	710.2



TEST NUMBER: P1444757
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL24

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	734.3	725.1	715.8	706.6	721.8	737.0	752.3	767.8	783.1	798.4	813.7
115°	769.4	768.8	768.3	767.8	775.0	782.2	789.4	796.7	804.1	811.3	818.7
117.5°	727.9	732.9	738.0	743.2	745.5	747.8	750.3	752.6	755.2	757.5	760.1
120°	653.2	659.8	666.7	673.7	672.7	671.8	671.0	670.0	669.4	668.6	668.1
122.5°	565.8	572.5	579.4	586.3	584.3	582.2	580.3	578.4	576.8	574.9	573.3
125°	484.9	490.4	496.1	501.9	499.8	497.8	495.9	494.2	492.4	490.6	489.1
127.5°	421.2	424.7	428.0	431.5	430.5	429.6	429.0	428.2	427.5	427.2	426.7
130°	378.3	379.8	381.4	382.8	383.1	383.4	384.0	384.6	385.3	385.9	386.9
132.5°	354.1	354.1	354.4	354.6	355.6	356.7	358.2	359.5	361.2	362.6	364.7
135°	341.1	340.4	340.0	339.6	341.2	342.8	344.6	346.5	348.7	350.9	353.3
137.5°	336.2	335.3	334.5	333.7	335.3	337.0	338.9	340.7	342.9	345.0	347.6
140°	335.6	334.7	334.3	333.4	335.1	336.6	338.5	340.3	342.5	344.7	347.0
142.5°	335.6	334.6	334.1	333.5	334.8	336.3	338.2	339.8	341.7	343.6	345.8
145°	339.0	338.2	337.9	337.3	338.2	339.3	340.6	341.9	343.3	344.7	346.5
147.5°	339.7	339.1	339.0	338.6	339.4	340.1	341.1	341.9	343.1	344.1	345.5
150°	339.2	338.8	338.6	338.4	338.9	339.3	340.0	340.4	341.1	341.9	342.9
152.5°	336.1	335.6	335.6	335.3	335.7	336.1	336.6	337.1	337.7	338.2	339.1
155°	334.2	333.8	333.4	333.1	333.2	333.2	333.4	333.4	333.9	334.0	334.4
157.5°	333.9	333.4	333.2	332.7	332.6	332.4	332.4	332.3	332.4	332.2	332.4
160°	333.6	332.8	332.4	331.8	331.9	331.6	331.8	331.6	331.7	331.8	331.9
162.5°	335.6	335.2	334.8	334.3	334.1	333.6	333.3	332.9	332.6	332.4	332.3
165°	337.2	336.7	336.2	335.5	335.3	335.2	334.9	334.7	334.5	334.3	334.3
167.5°	341.4	340.6	340.1	339.5	339.1	338.5	338.3	337.8	337.4	337.0	336.9
170°	343.6	343.0	342.6	342.0	341.9	341.5	341.4	341.1	340.9	340.8	340.8
172.5°	348.0	347.5	347.2	346.8	346.6	346.3	346.2	346.0	345.9	345.9	345.7
175°	351.1	350.8	350.7	350.5	350.3	350.1	349.9	349.8	349.7	349.3	349.2
177.5°	352.8	352.6	352.4	352.3	352.2	352.2	352.2	352.2	352.2	352.1	351.9
180°	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5



TEST NUMBER: P1444757
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL24

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1
2.5°	32420.9	32412.4	32389.9	32378.9	32358.1	32347.7	32331.5	32321.1	32307.9	32298.2	32293.1
5°	33319.2	33277.8	33194.7	33143.5	33053.8	32994.7	32905.6	32840.3	32748.3	32680.4	32593.5
7.5°	34487.9	34424.3	34317.9	34237.1	34111.7	34015.7	33874.9	33762.2	33606.6	33477.4	33318.4
10°	34963.7	34926.6	34878.8	34827.0	34757.4	34689.2	34593.0	34495.0	34364.4	34234.4	34064.6
12.5°	34260.5	34295.4	34364.4	34396.5	34449.2	34467.2	34491.3	34480.0	34458.6	34405.5	34328.6
15°	32268.8	32414.7	32645.2	32804.8	33028.3	33185.1	33392.8	33526.5	33680.5	33772.5	33859.8
17.5°	28992.5	29274.7	29681.6	30006.2	30442.0	30796.2	31230.4	31571.4	31965.2	32267.3	32589.0
20°	24796.1	25191.3	25753.0	26230.0	26861.4	27396.9	28082.8	28657.5	29327.8	29886.6	30489.6
22.5°	20279.7	20744.5	21388.1	21963.4	22717.5	23390.9	24250.4	25010.2	25916.4	26728.2	27626.3
25°	16018.8	16474.5	17130.1	17725.8	18539.8	19281.7	20220.7	21092.3	22143.9	23124.5	24250.4
27.5°	12365.0	12769.7	13346.1	13882.2	14627.8	15356.1	16309.0	17238.5	18360.6	19414.5	20627.8
30°	9549.3	9877.6	10339.3	10770.7	11369.3	11964.9	12813.7	13673.2	14789.8	15882.0	17125.8
32.5°	7400.4	7680.3	8065.8	8416.0	8877.1	9326.3	9951.3	10638.2	11617.7	12663.8	13866.5
35°	5728.7	5968.2	6296.3	6598.0	6977.2	7333.7	7800.1	8290.5	9037.9	9917.9	10994.2
37.5°	4567.3	4664.9	4899.1	5146.2	5461.2	5754.2	6119.1	6481.6	7016.3	7710.6	8589.9
40°	3473.3	3628.4	3819.0	4013.6	4252.1	4487.1	4887.4	5080.2	5432.3	5930.7	6613.1
42.5°	2802.6	2911.6	3045.7	3181.0	3347.3	3510.9	3713.4	3919.6	4182.8	4520.4	5005.8
45°	2345.2	2416.4	2502.8	2593.0	2702.1	2813.8	2949.4	3090.9	3269.3	3476.9	3771.7
47.5°	2039.7	2079.0	2135.4	2197.0	2271.9	2349.2	2437.3	2527.5	2638.3	2761.5	2929.3
50°	1801.2	1834.0	1877.8	1919.1	1970.6	2049.9	2084.9	2134.7	2201.4	2273.8	2367.7
52.5°	1628.7	1650.5	1678.0	1701.6	1734.4	1764.0	1802.9	1837.2	1883.4	1926.9	1987.5
55°	1494.3	1502.2	1517.8	1533.1	1555.6	1575.9	1602.6	1625.0	1654.5	1680.5	1718.8
57.5°	1390.5	1391.2	1398.5	1406.4	1420.9	1433.6	1452.0	1466.8	1487.2	1503.8	1526.7
60°	1315.9	1312.0	1313.5	1316.2	1324.3	1332.7	1344.4	1354.0	1366.8	1376.3	1389.0
62.5°	1253.8	1247.7	1246.2	1245.5	1249.6	1252.5	1258.9	1263.6	1270.9	1275.0	1281.8
65°	1175.4	1168.1	1165.3	1161.8	1163.1	1162.1	1164.5	1164.6	1168.3	1169.2	1173.2
67.5°	1104.4	1098.2	1094.5	1090.0	1087.9	1084.6	1083.2	1080.1	1079.6	1077.0	1076.4
70°	1039.5	1033.5	1030.4	1026.1	1024.0	1019.7	1017.1	1011.7	1008.7	1003.7	1000.9
72.5°	964.4	961.1	960.1	957.3	956.5	954.1	953.0	949.3	947.1	942.9	940.5
75°	886.0	883.2	883.0	880.1	879.9	877.1	876.3	872.3	870.3	866.1	864.3
77.5°	792.6	788.5	787.3	784.0	784.8	783.3	784.5	781.5	780.3	776.0	774.7
80°	687.4	682.1	679.9	675.5	676.7	674.7	676.7	676.5	678.0	674.7	674.0
82.5°	562.7	556.9	555.9	552.8	554.9	555.0	559.5	557.1	558.0	554.9	556.2
85°	409.5	405.2	399.1	398.3	394.5	398.4	393.3	396.8	391.2	395.1	389.8
87.5°	253.9	245.0	240.3	233.9	231.6	225.4	222.9	218.4	219.8	217.7	218.9
90°	105.9	99.2	99.0	94.2	95.1	91.1	93.3	90.8	93.5	91.0	94.0
92.5°	39.9	41.6	44.8	48.4	51.4	54.7	57.9	61.5	64.5	68.1	71.1
95°	48.9	50.6	54.9	59.3	63.6	68.0	72.6	76.9	81.3	85.6	90.0
97.5°	61.2	62.2	66.5	70.9	75.2	79.6	83.9	88.5	92.8	97.2	101.5
100°	70.0	70.1	82.5	94.8	107.2	119.8	132.1	144.6	157.2	169.5	181.9
102.5°	128.8	132.0	163.2	194.7	225.9	257.2	288.8	320.1	351.4	382.9	414.4
105°	282.0	294.4	342.1	390.0	437.8	485.6	533.6	581.6	629.5	677.4	725.2
107.5°	521.2	543.7	586.9	630.2	673.3	716.7	760.2	803.5	846.7	890.1	933.6
110°	733.9	757.7	786.6	815.8	844.9	873.8	903.0	932.0	961.2	990.3	1019.6



TEST NUMBER: P1444757
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL24

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	829.0	844.5	861.4	878.5	895.5	912.6	929.6	946.8	963.9	981.1	998.2
115°	826.1	833.6	840.2	847.0	853.7	860.5	867.3	874.2	881.2	888.1	895.1
117.5°	762.5	765.4	766.4	767.8	768.9	770.5	771.7	773.3	774.8	776.4	777.6
120°	667.4	666.8	665.9	665.2	664.2	663.6	663.0	662.3	661.8	661.3	660.7
122.5°	571.5	570.2	569.3	568.6	568.0	567.5	566.9	566.5	566.1	565.6	565.2
125°	487.6	486.2	487.5	488.9	490.3	491.8	493.2	494.9	496.4	498.0	499.7
127.5°	426.3	426.2	429.1	432.0	435.0	438.1	441.3	444.6	447.5	450.9	453.9
130°	387.9	389.0	392.5	396.5	400.1	404.0	408.0	412.0	415.7	419.6	423.4
132.5°	366.3	368.5	372.0	375.8	379.5	383.2	387.0	390.8	394.6	398.4	402.0
135°	355.7	358.4	361.7	365.2	368.6	372.1	375.6	379.2	382.5	386.1	389.4
137.5°	349.9	352.5	355.4	358.2	361.0	364.0	366.9	369.8	372.6	375.5	378.3
140°	349.4	352.0	353.6	355.6	357.5	359.4	361.0	363.0	364.7	366.7	368.3
142.5°	347.9	350.4	351.4	352.7	354.0	355.6	356.9	358.2	359.4	360.5	361.7
145°	348.0	349.9	350.3	350.8	351.3	351.8	352.2	352.7	353.0	353.5	353.7
147.5°	346.8	348.2	348.1	348.4	348.6	348.7	348.8	349.1	349.0	349.2	349.3
150°	343.6	344.7	344.3	344.4	344.1	344.0	343.8	343.7	343.4	343.3	343.0
152.5°	339.9	340.6	340.1	340.1	339.6	339.3	338.9	338.7	338.2	338.0	337.8
155°	334.5	335.0	334.7	334.5	334.3	334.1	333.8	333.9	333.8	333.6	333.6
157.5°	332.4	332.4	332.3	332.2	331.8	331.9	331.7	331.7	331.6	331.9	332.0
160°	331.8	332.0	331.8	331.6	331.5	331.4	331.3	331.3	331.4	331.6	331.8
162.5°	331.9	331.8	331.5	331.4	331.3	331.3	331.3	331.4	331.4	331.6	331.9
165°	334.4	334.5	334.0	334.0	333.7	333.5	333.3	333.3	333.4	333.5	333.6
167.5°	336.6	336.5	336.5	336.6	336.6	336.8	336.9	337.3	337.5	338.0	338.1
170°	340.7	340.8	340.6	340.5	340.4	340.3	340.4	340.3	340.5	340.5	340.6
172.5°	345.7	345.7	345.4	345.1	344.9	344.8	344.5	344.4	344.1	344.0	343.8
175°	348.9	348.8	348.7	348.6	348.4	348.2	348.0	347.7	347.5	347.4	347.2
177.5°	351.8	351.6	351.5	351.5	351.4	351.2	351.2	351.1	351.1	351.1	350.8
180°	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5



TEST NUMBER: P1444757
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL24

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1
2.5°	32286.7	32286.3	32283.2	32284.6	32285.3	32287.5	32290.2	32293.1	32293.8	32296.0	32296.5
5°	32528.3	32448.4	32389.4	32324.4	32275.5	32231.5	32202.2	32178.9	32170.0	32172.2	32177.7
7.5°	33183.5	33018.7	32882.5	32727.9	32598.9	32462.4	32349.2	32241.5	32163.1	32104.6	32072.0
10°	33902.5	33701.7	33509.5	33285.7	33073.4	32846.7	32641.5	32434.9	32262.5	32112.9	32003.0
12.5°	34221.5	34079.6	33913.6	33702.3	33475.1	33213.6	32949.6	32666.5	32403.3	32158.9	31961.8
15°	33883.7	33884.0	33823.5	33722.1	33564.3	33355.4	33103.8	32808.7	32498.2	32181.2	31891.7
17.5°	32811.4	33013.7	33126.2	33197.5	33175.5	33098.6	32938.5	32711.9	32422.4	32084.8	31731.5
20°	30969.8	31447.0	31787.2	32093.2	32264.7	32378.7	32367.3	32275.0	32068.8	31781.8	31413.8
22.5°	28390.0	29191.0	29823.0	30412.4	30825.8	31162.0	31321.9	31389.7	31296.3	31096.3	30750.8
25°	25256.7	26345.7	27275.1	28177.0	28853.7	29435.1	29784.6	30030.8	30050.3	29945.9	29637.6
27.5°	21774.9	23060.5	24236.7	25435.4	26387.0	27222.9	27771.3	28172.8	28300.3	28283.5	28003.6
30°	18297.6	19647.1	20943.7	22341.6	23519.0	24586.9	25311.4	25854.3	26063.5	26103.6	25834.4
32.5°	15013.6	16344.5	17637.4	19098.8	20394.5	21618.4	22474.4	23119.3	23362.5	23419.9	23124.5
35°	12033.2	13261.0	14489.8	15906.1	17194.3	18461.7	19363.7	20038.8	20266.1	20304.4	19962.4
37.5°	9448.7	10494.7	11565.5	12836.2	14019.3	15209.6	16066.5	16701.1	16866.6	16856.4	16469.5
40°	7272.5	8085.7	8946.1	992.3	10975.8	11982.0	12705.7	13230.2	13317.2	13252.8	12846.3
42.5°	5468.5	6055.9	6679.6	7460.5	8190.3	8943.4	9469.9	9859.3	9871.7	9769.9	9405.1
45°	4074.0	4647.1	4908.7	5380.9	5850.9	6351.6	6673.1	6913.7	6876.4	6786.9	6509.6
47.5°	3105.7	3326.0	3559.6	3852.4	4126.2	4694.4	4652.3	5038.6	4760.3	4950.1	4532.5
50°	2466.3	2589.4	2715.2	2870.6	3013.6	3162.2	3255.0	3324.3	3315.4	3285.5	3205.5
52.5°	2098.2	2136.3	2198.2	2286.7	2366.5	2446.8	2499.7	2542.6	2543.5	2531.5	2491.0
55°	1753.7	1802.0	1846.5	1904.3	2002.6	2017.8	2093.5	2078.1	2084.2	2063.2	2084.6
57.5°	1546.2	1574.3	1599.3	1633.7	1662.1	1695.3	1714.9	1733.7	1731.9	1727.8	1707.2
60°	1399.2	1414.7	1428.6	1448.7	1464.3	1483.0	1492.0	1501.6	1498.4	1491.5	1473.1
62.5°	1285.8	1295.5	1303.5	1316.4	1325.9	1337.6	1342.3	1346.4	1342.3	1335.7	1319.4
65°	1174.0	1180.2	1185.3	1195.0	1201.7	1211.7	1215.7	1219.5	1215.7	1210.6	1198.3
67.5°	1073.1	1073.7	1073.3	1077.2	1079.3	1085.2	1087.1	1089.8	1085.5	1081.1	1070.6
70°	996.6	995.1	993.2	994.7	995.1	998.0	998.4	998.0	992.8	985.1	973.7
72.5°	936.8	936.0	934.5	935.9	935.9	938.5	937.7	936.3	930.0	922.6	911.2
75°	859.9	859.4	856.5	856.6	854.2	855.0	851.9	850.1	843.1	836.8	826.7
77.5°	770.0	768.6	764.4	762.8	758.2	756.3	750.4	747.5	740.4	735.3	726.7
80°	669.6	668.1	662.6	659.6	652.5	647.8	639.2	634.3	626.0	621.1	612.7
82.5°	553.5	554.1	548.7	545.0	534.6	526.7	515.2	508.9	499.8	495.0	486.3
85°	393.6	388.0	391.0	390.8	384.3	377.5	368.1	361.4	353.7	349.2	343.1
87.5°	215.9	217.2	215.7	214.3	209.8	206.3	199.0	195.1	189.5	186.7	182.2
90°	86.9	85.3	78.5	77.0	70.3	66.9	59.3	56.7	49.7	48.3	43.7
92.5°	67.3	63.7	60.3	56.4	52.9	49.3	45.6	42.0	38.2	36.7	35.8
95°	84.7	79.5	74.1	68.8	63.5	58.2	52.9	47.7	42.3	41.2	40.2
97.5°	95.4	89.2	82.9	76.8	70.5	64.3	58.1	51.8	45.6	44.9	44.2
100°	167.7	153.4	138.8	124.4	110.1	95.7	81.4	67.0	52.7	51.8	51.0
102.5°	379.4	344.5	309.6	274.8	240.1	205.1	170.3	135.3	100.4	95.3	90.4
105°	672.5	619.7	567.0	514.2	461.4	408.6	355.8	302.9	250.1	233.1	216.2
107.5°	884.0	834.4	784.9	735.3	685.6	636.2	586.4	536.8	487.1	457.2	427.4
110°	980.3	941.0	901.8	862.4	823.1	783.8	744.5	705.0	665.7	640.0	614.4



TEST NUMBER: P1444757
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL24

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	969.6	940.8	912.3	883.4	854.8	825.8	797.2	768.3	739.4	724.0	708.5
115°	878.1	860.8	843.7	826.5	809.3	792.1	774.8	757.4	740.1	732.0	724.0
117.5°	769.2	760.6	752.1	743.5	734.7	725.9	717.3	708.5	699.8	697.1	694.3
120°	658.5	656.2	653.6	651.3	648.8	646.5	643.9	641.4	638.7	639.3	640.0
122.5°	566.6	568.0	569.5	570.7	572.2	573.3	574.9	575.9	577.2	579.7	582.1
125°	502.7	505.6	508.6	511.4	514.3	517.2	520.2	522.9	525.9	528.2	531.0
127.5°	457.5	460.6	464.0	467.1	470.6	473.6	477.0	480.0	483.3	485.6	488.2
130°	426.5	429.3	432.4	435.1	438.1	441.0	443.8	446.7	449.5	451.6	453.6
132.5°	404.8	407.5	410.2	412.7	415.5	418.0	420.6	423.3	426.1	427.6	429.3
135°	391.7	393.6	395.8	397.7	400.1	402.0	404.1	406.3	408.6	409.8	411.1
137.5°	380.0	381.7	383.6	385.3	387.2	388.8	390.8	392.6	394.7	395.4	396.6
140°	370.1	372.0	373.8	375.5	377.5	379.2	381.4	383.3	385.5	386.3	387.4
142.5°	363.3	364.5	366.0	367.4	369.1	370.5	372.2	374.0	375.8	376.7	377.6
145°	355.5	357.0	358.7	360.2	361.9	363.7	365.8	367.6	369.7	370.3	371.1
147.5°	350.6	351.8	353.4	354.8	356.4	357.7	359.6	361.4	363.2	363.9	364.5
150°	344.6	345.9	347.3	348.8	350.5	352.1	353.9	355.6	357.8	358.6	359.5
152.5°	339.2	340.7	342.2	344.0	345.6	347.4	349.4	351.3	353.4	354.1	355.0
155°	335.2	336.5	338.2	339.9	341.7	343.2	345.1	346.9	348.9	349.8	350.7
157.5°	333.4	334.6	336.2	337.7	339.3	340.8	342.7	344.1	346.0	346.8	347.4
160°	333.1	334.3	335.7	337.1	338.5	339.9	341.4	342.9	344.4	345.1	345.9
162.5°	333.3	334.5	336.0	337.1	338.6	340.1	341.6	342.9	344.4	345.0	345.8
165°	334.6	335.7	336.8	337.7	338.9	339.8	341.1	342.0	343.3	343.9	344.7
167.5°	339.1	339.7	340.4	341.2	342.2	343.0	344.0	344.9	345.8	346.5	347.0
170°	341.2	342.0	342.6	343.4	344.1	344.9	345.7	346.3	347.3	347.8	348.4
172.5°	344.2	344.5	345.1	345.5	346.0	346.4	347.0	347.6	348.1	348.8	349.2
175°	347.7	347.8	348.0	348.1	348.4	348.7	349.0	349.4	349.7	350.1	350.5
177.5°	350.9	351.1	351.2	351.4	351.7	351.9	352.1	352.3	352.6	353.0	353.5
180°	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5



TEST NUMBER: P1444757
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL24

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1
2.5°	32295.4	32295.0	32294.0	32292.6	32291.1	32292.0	32293.4	32297.1	32303.6	32313.0	32325.2
5°	32182.1	32188.6	32192.4	32192.9	32189.5	32187.5	32190.6	32199.5	32217.4	32247.4	32288.0
7.5°	32063.2	32071.4	32083.9	32093.2	32095.0	32092.8	32093.2	32107.2	32140.2	32198.6	32280.6
10°	31936.2	31912.1	31924.8	31948.1	31966.6	31970.0	31972.3	31988.7	32037.0	32125.4	32257.2
12.5°	31819.0	31742.6	31727.9	31748.9	31777.0	31786.0	31783.5	31790.6	31847.1	31964.1	32147.8
15°	31664.9	31521.1	31472.0	31477.4	31512.1	31524.6	31515.4	31501.6	31556.7	31699.4	31937.1
17.5°	31415.3	31183.5	31093.3	31089.3	31129.9	31140.7	31118.4	31075.1	31129.4	31307.6	31602.6
20°	31036.0	30693.8	30523.7	30496.7	30540.8	30528.0	30483.4	30418.0	30489.5	30706.1	31057.0
22.5°	30354.0	29920.5	29629.9	29536.3	29589.0	29553.8	29488.9	29405.4	29500.1	29746.3	30137.1
25°	29239.5	28738.6	28340.9	28117.8	28159.8	28096.7	28026.1	27924.9	28037.9	28320.5	28750.7
27.5°	27601.5	27022.9	26530.1	26160.6	26174.2	26091.6	26010.2	25879.3	26020.4	26354.9	26840.0
30°	25423.3	24753.8	24153.6	23651.7	23606.7	23526.6	23443.2	23271.5	23448.0	23848.3	24415.3
32.5°	22688.0	21944.6	21251.1	20616.4	20496.6	20418.5	20344.1	20146.4	20377.6	20844.4	21495.8
35°	19489.0	18697.1	17945.2	17220.3	17021.9	16943.8	16878.8	16689.4	16977.9	17485.9	18189.4
37.5°	15977.7	15168.8	14422.2	13679.0	13398.6	13292.6	13245.4	13121.4	13454.1	13956.6	14663.0
40°	12372.9	11620.9	10951.5	10295.0	9975.5	9813.3	9788.5	9765.9	10087.6	10523.6	11164.7
42.5°	9000.8	8394.1	7878.0	7376.2	7086.6	6865.1	6864.9	6932.1	7221.8	7548.4	8042.8
45°	6226.1	5818.9	5490.1	5154.8	5244.5	4802.7	5062.2	4929.1	5072.2	5282.7	5604.2
47.5°	4279.9	4057.5	3877.0	3689.7	3553.1	3422.7	3434.1	3518.2	3653.0	3777.9	3945.2
50°	3119.3	3006.1	2914.1	2816.8	2748.8	2691.3	2694.7	2731.0	2801.9	2867.7	2955.3
52.5°	2444.2	2381.7	2331.8	2278.0	2242.3	2213.7	2215.2	2232.9	2271.3	2308.9	2359.1
55°	2014.6	2007.1	1942.1	1893.8	1875.5	1856.3	1859.7	1866.7	1892.7	1914.7	1948.0
57.5°	1688.2	1659.0	1639.5	1614.1	1602.5	1589.1	1592.1	1594.7	1612.1	1626.9	1650.8
60°	1457.7	1437.1	1423.3	1406.0	1398.3	1389.8	1391.8	1393.3	1404.4	1414.1	1431.2
62.5°	1304.7	1286.2	1274.1	1260.8	1255.4	1249.6	1251.0	1251.5	1258.4	1265.5	1278.5
65°	1187.2	1172.5	1162.5	1151.0	1145.4	1139.4	1140.0	1140.0	1145.9	1151.0	1160.8
67.5°	1063.0	1052.0	1045.5	1036.4	1032.5	1026.4	1026.3	1024.3	1028.2	1030.2	1036.8
70°	963.3	952.2	943.9	935.2	930.3	924.9	925.1	925.2	929.6	934.3	942.9
72.5°	901.8	891.1	883.8	876.1	871.5	866.9	866.1	865.6	868.8	871.3	877.1
75°	820.2	811.7	807.4	800.2	796.6	791.4	790.6	788.1	789.7	790.2	794.4
77.5°	721.3	713.2	709.7	702.4	699.4	693.5	693.1	690.4	691.6	690.7	694.0
80°	608.5	601.2	599.3	593.3	591.8	586.4	585.6	582.3	583.3	580.8	582.0
82.5°	482.6	475.9	474.5	468.9	468.9	464.0	463.8	458.9	458.9	454.6	447.9
85°	340.0	335.1	333.0	328.5	327.1	323.2	321.1	316.4	314.8	311.8	310.8
87.5°	179.5	176.3	173.6	171.4	167.4	160.3	159.7	154.8	155.2	151.6	151.9
90°	42.8	38.5	37.8	33.9	32.9	30.1	29.3	29.4	30.1	30.3	31.2
92.5°	34.5	33.4	32.1	30.9	29.6	28.5	27.2	28.5	29.6	30.9	32.1
95°	39.1	38.0	36.9	35.8	34.7	33.6	32.5	33.6	34.7	36.0	37.1
97.5°	43.5	42.9	42.1	41.5	40.8	40.2	39.4	40.3	41.0	41.7	42.3
100°	50.2	49.4	48.6	47.8	46.9	46.1	45.3	46.3	47.1	47.9	48.8
102.5°	85.4	80.4	75.3	70.3	65.3	60.3	55.2	60.3	65.3	70.5	75.5
105°	199.1	182.3	165.3	148.3	131.2	114.3	97.2	114.4	131.3	148.4	165.5
107.5°	397.5	367.8	337.8	308.0	278.0	248.1	218.2	248.2	278.2	308.2	338.1
110°	588.6	562.9	537.1	511.4	485.5	459.8	434.0	459.9	485.8	511.6	537.5



TEST NUMBER: P1444757
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL24

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	692.7	677.2	661.5	646.0	630.2	614.6	598.8	614.9	630.6	646.6	662.3
115°	715.9	707.7	699.5	691.3	683.0	674.9	666.4	675.2	683.6	692.1	700.5
117.5°	691.5	688.9	686.1	683.4	680.5	677.8	674.7	677.9	681.0	684.5	687.3
120°	640.3	641.0	641.5	641.9	642.3	642.7	642.9	643.1	643.1	643.1	643.0
122.5°	584.5	586.9	589.3	591.6	593.8	596.1	598.1	596.5	594.8	593.1	591.2
125°	533.3	536.1	538.5	540.9	543.2	545.7	547.5	546.2	544.4	542.7	540.7
127.5°	490.5	492.9	495.0	497.6	499.5	501.7	503.5	502.4	500.8	499.4	497.6
130°	455.4	457.6	459.3	461.1	462.8	464.3	465.7	464.9	464.0	463.3	462.0
132.5°	430.9	432.6	434.1	435.6	436.8	438.1	438.9	438.8	438.3	437.8	436.9
135°	412.4	413.6	414.7	416.1	416.9	417.8	418.3	418.6	418.5	418.4	417.8
137.5°	397.4	398.4	399.1	399.9	400.4	400.9	401.1	401.7	402.0	402.5	402.4
140°	388.2	389.2	389.9	390.6	391.3	391.9	391.9	392.7	393.0	393.3	393.2
142.5°	378.6	379.5	380.3	381.1	381.6	382.1	382.3	382.9	383.2	383.5	383.5
145°	372.0	372.6	373.2	374.0	374.2	374.6	374.5	375.4	375.8	376.2	376.5
147.5°	365.3	366.0	366.5	367.0	367.3	367.6	367.8	368.3	369.0	369.3	369.6
150°	360.4	361.3	361.9	362.7	363.3	363.7	363.8	364.4	364.7	365.0	365.0
152.5°	355.7	356.4	357.2	357.6	358.3	358.6	358.9	359.4	359.9	360.2	360.4
155°	351.4	352.3	353.0	353.7	354.2	354.7	355.3	355.7	356.1	356.4	356.5
157.5°	348.1	349.0	349.6	350.3	350.8	351.6	352.0	352.6	352.9	353.5	353.6
160°	346.4	347.3	347.8	348.5	349.1	349.7	350.2	350.7	351.2	351.6	352.1
162.5°	346.3	347.0	347.4	348.1	348.8	349.4	349.8	350.5	350.9	351.4	351.7
165°	345.4	346.1	346.8	347.5	348.3	348.9	349.5	349.9	350.2	350.5	350.7
167.5°	347.7	348.4	348.9	349.6	350.1	350.8	351.5	351.8	352.1	352.3	352.5
170°	348.9	349.6	350.2	350.7	351.3	351.8	352.3	352.5	352.7	352.9	353.2
172.5°	349.8	350.5	351.0	351.7	352.3	352.9	353.5	353.6	353.6	353.6	353.4
175°	350.8	351.5	351.8	352.4	352.7	353.3	353.8	353.6	353.7	353.6	353.6
177.5°	354.0	354.6	355.2	355.6	356.2	356.5	357.1	356.6	356.4	356.1	355.7
180°	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5



TEST NUMBER: P1444757
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL24

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1
2.5°	32342.5	32358.8	32383.5	32405.9	32439.7	32466.3	32506.3	32536.7	32581.9	32611.2	32660.3
5°	32345.4	32408.7	32491.9	32573.1	32670.7	32759.4	32869.5	32963.3	33073.9	33164.3	33277.5
7.5°	32391.1	32513.2	32659.4	32806.8	32973.4	33129.3	33305.1	33464.0	33637.8	33784.9	33945.6
10°	32424.9	32613.1	32828.6	33045.5	33273.8	33485.9	33700.0	33885.1	34058.0	34200.3	34326.0
12.5°	32379.2	32638.5	32915.0	33182.1	33435.9	33655.4	33839.7	33982.0	34080.2	34146.9	34162.4
15°	32223.6	32535.6	32836.3	33102.3	33312.9	33475.4	33559.5	33598.9	33556.7	33486.5	33332.3
17.5°	31933.1	32262.1	32531.1	32740.9	32852.2	32896.2	32826.6	32705.4	32468.6	32205.8	31826.1
20°	31400.5	31707.1	31902.2	32016.6	31986.8	31876.7	31613.7	31294.0	30821.3	30317.3	29652.4
22.5°	30466.3	30734.4	30838.3	30846.8	30665.1	30389.4	29915.0	29366.7	28620.8	27845.4	26891.8
25°	29064.1	29298.8	29315.3	29223.0	28890.5	28443.7	27747.2	26971.5	25958.0	24924.7	23729.7
27.5°	27162.3	27387.5	27332.3	27160.3	26698.6	26100.7	25209.0	24207.0	22957.4	21737.0	20415.1
30°	24771.7	25012.5	24947.8	24727.0	24178.0	23471.3	22421.9	21257.8	19870.5	18567.1	17227.4
32.5°	21910.8	22215.2	22170.5	21960.8	21387.8	20631.5	19493.0	18258.2	16838.9	15554.3	14251.3
35°	18659.1	19028.7	19047.8	18910.6	18378.7	17631.2	16506.9	15311.8	13952.2	12740.3	11536.5
37.5°	15155.6	15584.1	15672.2	15635.2	15194.3	14534.4	13510.1	12437.9	11233.5	10171.4	9141.8
40°	11632.8	12066.6	12217.0	12261.7	11936.4	11425.3	10584.6	9719.2	8737.4	7876.6	7059.2
42.5°	8420.2	8804.7	8950.2	9041.6	8838.6	8497.7	7884.5	7256.1	6536.7	5916.0	5320.8
45°	5848.0	6120.0	6230.7	6322.7	6212.1	6019.8	5632.6	5239.5	4764.7	4359.0	3975.0
47.5°	4088.7	4238.7	4311.7	4356.4	4313.5	4213.3	4002.4	3774.8	3506.8	3269.7	3041.7
50°	3030.6	3110.4	3148.6	3174.4	3143.2	3087.5	2973.4	2849.5	2702.2	2568.0	2436.8
52.5°	2401.7	2447.5	2470.1	2484.1	2466.1	2432.0	2365.6	2292.1	2203.9	2120.9	2077.3
55°	2023.3	2020.8	2073.3	2048.0	2073.3	2016.8	2004.9	1924.0	1850.8	1799.2	1743.3
57.5°	1668.6	1692.3	1702.4	1713.7	1706.3	1696.0	1667.8	1638.8	1600.2	1567.9	1533.4
60°	1444.3	1463.9	1475.0	1486.1	1485.4	1481.6	1465.2	1448.0	1423.8	1404.4	1383.5
62.5°	1289.9	1306.8	1317.7	1328.4	1329.4	1327.9	1315.4	1303.5	1287.0	1274.8	1260.4
65°	1168.3	1180.2	1187.7	1196.2	1195.7	1193.5	1182.3	1172.3	1158.7	1150.3	1139.8
67.5°	1041.2	1050.2	1056.0	1064.0	1065.6	1066.0	1060.0	1055.2	1048.6	1046.2	1042.6
70°	950.7	961.7	971.0	981.1	986.6	989.3	986.6	984.3	980.4	978.7	975.9
72.5°	882.3	891.6	898.7	908.0	913.1	916.8	914.8	913.5	910.1	909.7	907.8
75°	797.3	803.6	807.7	814.7	817.4	821.0	819.4	820.2	819.1	821.8	821.7
77.5°	695.1	699.8	701.7	706.8	707.2	711.4	712.4	717.3	720.8	728.5	732.6
80°	580.1	583.0	583.0	588.2	590.5	597.5	600.9	609.0	612.7	619.6	620.1
82.5°	450.5	447.1	450.5	448.5	455.0	463.0	464.0	470.8	472.5	476.7	473.4
85°	308.1	307.8	305.1	305.5	303.4	304.4	303.3	304.5	303.3	303.4	300.4
87.5°	147.6	148.9	145.6	146.7	143.7	145.1	142.3	144.5	141.2	141.7	136.9
90°	31.6	32.4	32.8	33.6	34.8	36.9	39.2	41.4	44.1	46.3	48.8
92.5°	33.4	34.6	35.9	37.1	38.3	42.1	45.7	49.4	53.2	56.7	60.4
95°	38.2	39.2	40.3	41.6	42.7	48.0	53.3	58.6	64.0	69.2	74.6
97.5°	43.2	43.9	44.6	45.2	46.1	52.4	58.6	64.9	71.1	77.4	83.5
100°	49.8	50.6	51.4	52.3	53.1	67.5	81.9	96.4	110.8	125.2	139.6
102.5°	80.7	85.6	90.7	96.0	101.1	136.0	171.0	206.0	240.7	275.6	310.5
105°	182.4	199.5	216.8	233.7	250.8	303.7	356.6	409.7	462.3	515.2	568.1
107.5°	368.2	398.1	428.1	458.1	488.0	537.8	587.5	637.2	687.1	736.7	786.2
110°	563.6	589.2	615.3	641.2	667.1	706.4	746.0	785.3	824.9	864.2	903.6



TEST NUMBER: P1444757
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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°	678.1	693.8	709.7	725.2	740.9	769.8	799.0	827.8	856.9	885.5	914.5
115°	709.0	717.1	725.5	733.7	742.1	759.6	776.9	794.4	811.8	829.0	846.4
117.5°	690.4	693.3	696.4	699.0	702.0	710.9	719.8	728.7	737.6	746.5	755.3
120°	642.9	642.6	642.3	641.9	641.6	644.2	647.0	649.6	652.3	654.9	657.4
122.5°	589.2	587.0	584.9	582.8	580.6	579.3	578.3	577.1	576.2	574.9	573.7
125°	538.7	536.5	534.4	531.9	529.7	526.9	524.3	521.5	518.8	516.0	513.3
127.5°	496.0	493.9	492.0	489.8	487.7	484.5	481.5	478.4	475.5	472.2	469.2
130°	460.9	459.3	458.0	456.1	454.6	451.6	449.1	446.3	443.6	440.7	438.0
132.5°	436.2	435.0	434.0	432.5	431.4	428.8	426.5	423.8	421.4	418.8	416.5
135°	417.5	416.7	416.2	415.1	414.3	412.2	410.4	408.3	406.4	404.4	402.5
137.5°	402.4	402.0	401.7	401.2	400.8	399.0	397.4	395.7	394.2	392.3	390.8
140°	393.3	393.0	392.7	392.3	391.8	390.0	388.4	386.5	384.9	383.1	381.5
142.5°	383.4	383.2	383.0	382.6	382.2	380.7	379.6	378.2	376.8	375.4	374.0
145°	376.6	376.5	376.6	376.2	376.3	374.6	373.2	371.5	370.2	368.5	367.2
147.5°	369.9	369.9	370.0	370.0	370.1	368.6	367.6	366.2	365.1	363.7	362.6
150°	365.2	365.1	365.2	364.9	364.8	363.4	362.4	361.1	360.1	358.5	357.5
152.5°	360.4	360.6	360.7	360.8	360.9	359.7	358.5	357.2	355.9	354.6	353.4
155°	356.8	356.9	357.1	357.1	357.1	356.0	354.9	353.6	352.6	351.4	350.3
157.5°	353.9	354.2	354.4	354.6	354.6	353.6	352.7	351.7	350.8	349.8	348.8
160°	352.3	352.7	352.9	353.0	353.3	352.5	351.9	350.8	350.3	349.2	348.3
162.5°	352.1	352.5	352.7	352.8	353.1	352.3	351.7	350.8	350.0	349.0	348.2
165°	351.0	351.1	351.3	351.3	351.4	350.8	350.4	349.8	349.3	348.7	348.1
167.5°	352.7	352.7	352.9	352.9	353.0	352.7	352.6	352.0	351.6	351.2	350.7
170°	353.3	353.4	353.5	353.5	353.6	353.2	352.8	352.5	352.3	351.7	351.2
172.5°	353.5	353.4	353.3	353.3	353.1	352.8	352.7	352.5	352.3	352.0	351.7
175°	353.4	353.3	353.2	353.1	352.9	352.8	352.7	352.7	352.7	352.5	352.4
177.5°	355.5	355.3	354.8	354.6	354.2	354.1	354.1	354.0	354.0	353.9	353.7
180°	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5



TEST NUMBER: P1444757
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CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1
2.5°	32690.7	32488.8	32462.1	32476.3	32510.0	32522.5	32558.9	32568.8	32605.6	32614.5	32649.7
5°	33365.2	33098.3	33111.6	33175.8	33273.0	33330.9	33426.3	33476.3	33567.4	33608.9	33691.2
7.5°	34076.5	33866.9	33932.2	34040.5	34173.3	34265.3	34380.0	34454.6	34553.5	34614.9	34694.0
10°	34425.7	34368.3	34440.2	34525.3	34601.2	34660.5	34709.1	34748.0	34773.5	34797.4	34807.8
12.5°	34159.9	34248.8	34261.1	34252.8	34202.6	34164.3	34078.2	34019.7	33915.8	33852.5	33728.9
15°	33174.7	33370.1	33261.9	33098.1	32858.4	32658.6	32376.3	32166.3	31872.3	31673.0	31378.1
17.5°	31445.7	31692.3	31410.4	31031.3	30549.2	30136.7	29623.1	29215.3	28704.6	28333.2	27856.6
20°	29011.6	29242.1	28739.2	28110.9	27365.1	26737.3	25997.1	25406.5	24718.6	24207.0	23589.4
22.5°	25980.9	26145.1	25436.7	24589.6	23639.4	22855.2	21970.1	21262.1	20477.1	19892.1	19233.7
25°	22628.0	22672.3	21822.6	20846.7	19787.6	18906.3	17961.4	17217.0	16416.3	15823.5	15177.3
27.5°	19243.9	19178.9	18260.4	17225.8	16111.7	15195.6	14274.0	13576.4	12875.3	12341.2	11784.5
30°	16049.7	15892.4	14938.8	13875.3	12793.8	11972.8	11207.8	10647.5	10089.7	9666.0	9219.2
32.5°	13120.7	12898.7	11970.4	10974.0	10062.8	9429.2	8861.9	8438.0	7987.5	7629.7	7254.6
35°	10526.2	10289.7	9467.4	8622.6	7933.0	7466.0	7020.1	6672.3	6289.8	5987.9	5662.2
37.5°	8299.6	8105.8	7416.9	6752.2	6230.7	5868.7	5503.3	5219.1	4903.1	4770.2	4422.2
40°	6407.3	6271.8	5733.2	5243.2	4851.5	4681.5	4310.6	4045.1	3808.8	3614.1	3425.5
42.5°	4997.8	4949.8	4425.7	4043.5	3767.7	3553.4	3346.8	3179.0	3015.7	2881.4	2754.6
45°	3667.6	3629.7	3397.0	3176.4	2988.4	2838.7	2699.0	2583.6	2476.8	2388.4	2307.9
47.5°	2855.9	2843.9	2709.8	2573.1	2454.6	2358.4	2267.7	2191.1	2120.3	2061.2	2042.0
50°	2322.9	2321.3	2242.7	2158.2	2074.0	2018.3	1960.5	1915.2	1869.7	1834.2	1796.8
52.5°	1973.7	1965.1	1912.1	1860.0	1809.8	1773.3	1736.3	1707.4	1677.3	1655.4	1632.1
55°	1699.2	1708.2	1677.4	1646.3	1615.0	1592.2	1566.3	1547.2	1526.6	1512.8	1498.7
57.5°	1508.4	1520.4	1504.2	1486.6	1467.5	1452.6	1434.7	1421.5	1407.7	1398.9	1390.8
60°	1369.7	1382.7	1376.3	1367.4	1355.6	1346.7	1335.3	1328.0	1319.1	1314.2	1309.6
62.5°	1252.1	1268.2	1266.0	1261.8	1254.2	1249.3	1243.0	1239.8	1233.9	1231.8	1229.6
65°	1134.6	1152.9	1152.5	1150.5	1146.2	1144.8	1141.0	1140.3	1137.3	1138.4	1138.2
67.5°	1042.3	1058.1	1061.6	1064.1	1064.0	1064.9	1064.6	1066.1	1066.1	1068.5	1069.9
70°	975.6	986.6	989.3	992.0	992.7	994.8	994.8	996.1	995.8	997.7	998.0
72.5°	908.2	922.7	925.5	927.5	927.5	929.6	928.5	928.2	925.3	924.7	922.6
75°	824.4	843.1	847.1	849.8	850.1	851.9	849.4	847.9	843.1	841.1	837.7
77.5°	736.8	756.2	759.1	760.0	758.5	758.9	753.5	750.0	743.8	741.3	738.1
80°	622.9	651.4	653.6	651.8	647.4	646.7	641.5	638.1	630.8	628.3	625.5
82.5°	474.0	507.4	512.1	514.1	510.5	511.4	506.5	504.5	497.8	496.6	492.1
85°	299.3	332.6	338.2	337.3	333.7	332.9	330.0	331.0	330.4	332.2	333.2
87.5°	137.5	169.8	177.6	175.1	174.7	172.5	167.3	169.2	172.3	174.4	174.5
90°	51.0	63.1	65.2	64.1	59.9	58.3	54.4	53.3	49.8	48.7	45.3
92.5°	64.1	67.7	71.4	68.2	64.9	61.6	58.4	54.9	51.8	48.4	45.2
95°	79.9	85.0	90.4	86.0	81.5	77.1	72.8	68.3	64.0	59.6	55.3
97.5°	89.7	95.8	101.9	97.5	93.2	88.7	84.4	80.0	75.7	71.2	66.9
100°	154.1	168.0	182.3	169.8	157.4	145.0	132.6	120.2	107.8	95.3	82.8
102.5°	345.3	379.9	414.7	383.3	351.8	320.5	289.2	257.7	226.4	195.0	163.6
105°	620.8	673.2	725.9	677.8	629.9	582.0	534.1	486.2	438.2	390.3	342.5
107.5°	835.9	884.8	934.1	890.7	847.3	804.1	760.6	717.2	673.9	630.4	587.2
110°	942.9	981.2	1020.3	991.1	961.9	932.6	903.5	874.2	845.2	816.2	787.1



TEST NUMBER: P1444757
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL24

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	943.2	970.7	999.0	981.7	964.6	947.4	930.3	913.0	896.1	878.9	862.0
115°	863.6	879.2	896.1	888.9	882.1	875.1	868.1	861.3	854.4	847.4	840.9
117.5°	764.0	770.8	779.0	777.3	775.9	774.2	772.8	771.3	770.0	768.6	767.3
120°	659.9	660.3	662.3	662.6	663.3	663.7	664.3	664.8	665.4	666.1	666.9
122.5°	572.5	568.8	566.8	567.3	567.6	567.9	568.4	568.9	569.4	570.0	570.6
125°	510.5	505.0	501.4	499.7	498.2	496.6	494.9	493.4	492.0	490.5	489.1
127.5°	465.9	460.0	456.1	452.9	449.8	446.5	443.5	440.2	437.2	434.0	431.1
130°	435.3	429.4	425.8	421.9	418.3	414.2	410.5	406.6	402.7	398.9	395.1
132.5°	413.8	408.0	404.7	401.0	397.5	393.5	390.0	386.1	382.5	378.5	375.0
135°	400.5	395.1	392.3	388.7	385.6	382.1	378.8	375.1	372.0	368.2	365.2
137.5°	389.0	383.6	381.3	378.4	375.9	373.0	370.4	367.3	364.7	361.5	359.0
140°	379.6	374.0	371.4	369.8	368.2	366.3	364.7	362.9	361.3	359.5	357.7
142.5°	372.7	367.2	365.0	363.8	362.9	361.5	360.7	359.5	358.4	356.8	355.7
145°	365.6	359.5	357.1	356.6	356.5	356.3	355.9	355.6	355.3	354.8	354.5
147.5°	361.3	355.0	352.7	352.7	352.7	352.6	352.7	352.6	352.7	352.6	352.6
150°	356.1	349.0	346.2	346.6	346.8	347.0	347.3	347.5	347.9	348.1	348.4
152.5°	351.9	343.6	340.4	340.7	341.2	341.4	341.9	342.3	342.9	343.2	343.7
155°	348.8	339.7	336.3	336.2	336.4	336.5	336.7	337.0	337.2	337.5	337.9
157.5°	347.6	338.1	334.7	334.4	334.4	334.4	334.4	334.6	334.7	334.9	335.3
160°	347.3	337.8	334.5	334.2	334.2	334.1	334.0	334.0	334.2	334.3	334.5
162.5°	347.1	337.8	334.7	334.3	334.1	334.0	334.1	333.8	334.0	333.9	334.3
165°	347.3	339.1	336.2	336.1	336.1	336.0	336.0	336.1	336.2	336.3	336.6
167.5°	350.2	342.8	340.6	340.2	339.9	339.5	339.5	339.1	339.1	338.8	338.8
170°	350.7	344.9	343.0	342.8	343.0	342.9	342.8	342.8	342.8	342.7	342.9
172.5°	351.4	347.1	345.7	345.8	346.0	346.2	346.5	346.7	346.9	347.2	347.5
175°	352.2	349.7	349.0	348.9	349.0	349.2	349.3	349.5	349.6	349.8	350.1
177.5°	353.8	353.0	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.8	352.8
180°	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5



TEST NUMBER: P1444757
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL24

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1
2.5°	32656.3	32694.4	32691.5	32727.0	32725.3	32758.7	32752.0	32780.9	32774.4	32799.1	32784.6
5°	33727.5	33799.9	33823.8	33889.2	33902.7	33961.2	33962.4	34008.9	34003.2	34039.6	34020.2
7.5°	34740.9	34808.5	34840.5	34891.3	34916.6	34958.7	34975.1	35009.7	35018.0	35038.4	35037.8
10°	34826.3	34826.1	34841.9	34834.9	34849.0	34840.8	34858.1	34851.9	34877.4	34870.9	34890.2
12.5°	33675.7	33561.5	33519.8	33417.2	33394.8	33306.7	33312.9	33256.5	33283.8	33249.0	33308.1
15°	31202.6	30937.7	30806.9	30576.5	30504.2	30322.1	30307.4	30186.5	30219.1	30155.8	30248.3
17.5°	27548.1	27131.1	26902.2	26565.9	26432.3	26174.9	26123.2	25967.6	25991.7	25913.3	26025.0
20°	23191.1	22687.0	22398.4	22009.4	21835.9	21528.9	21447.6	21273.4	21295.2	21217.2	21343.5
22.5°	18784.3	18256.7	17930.8	17523.1	17301.6	17012.9	16926.2	16751.3	16761.3	16688.0	16809.5
25°	14734.6	14228.8	13912.5	13542.1	13349.9	13085.2	12994.1	12837.1	12845.9	12785.6	12894.6
27.5°	11398.3	10983.3	10718.6	10408.2	10235.8	10018.2	9929.5	9797.4	9797.1	9752.7	9843.8
30°	8907.1	8560.8	8323.2	8052.8	7891.0	7694.6	7608.9	7490.7	7485.6	7454.1	7526.5
32.5°	6974.1	6666.1	6449.3	6211.4	6066.1	5897.6	5816.5	5721.4	5712.8	5684.3	5743.8
35°	5421.5	5162.1	4975.7	4775.4	4790.1	4541.5	4582.9	4389.7	4337.4	4326.0	4370.1
37.5°	4190.1	3989.3	3837.9	3687.9	3586.3	3481.1	3424.6	3373.8	3368.0	3363.1	3394.1
40°	3279.7	3139.2	3029.0	2926.1	2856.2	2792.0	2756.7	2728.8	2722.2	2718.4	2737.2
42.5°	2654.5	2559.6	2488.6	2425.8	2383.3	2348.5	2329.0	2313.5	2308.3	2308.5	2319.6
45°	2242.7	2185.2	2139.4	2100.3	2073.2	2085.1	2050.0	2068.4	2044.1	2069.2	2052.7
47.5°	1975.0	1926.0	1897.7	1870.0	1853.6	1840.4	1840.8	1841.1	1846.3	1847.1	1852.5
50°	1768.4	1740.1	1720.4	1702.7	1694.2	1687.2	1689.7	1691.5	1696.5	1696.8	1700.8
52.5°	1615.5	1597.0	1585.1	1574.1	1570.3	1566.3	1568.0	1567.3	1569.6	1568.4	1571.6
55°	1491.2	1482.4	1478.7	1474.6	1475.1	1474.1	1474.8	1470.9	1468.4	1465.4	1468.3
57.5°	1389.0	1387.9	1390.4	1392.1	1396.7	1398.5	1399.6	1394.9	1390.7	1386.7	1388.9
60°	1310.5	1312.4	1318.6	1323.6	1330.3	1333.5	1335.4	1332.8	1329.7	1326.4	1328.3
62.5°	1232.9	1235.9	1243.3	1248.9	1257.1	1261.3	1266.0	1266.2	1267.4	1266.2	1267.5
65°	1142.8	1146.5	1153.2	1157.9	1165.4	1169.2	1174.0	1174.9	1177.5	1176.9	1179.1
67.5°	1074.4	1077.7	1083.3	1087.8	1094.5	1098.4	1102.5	1102.8	1103.7	1103.5	1105.6
70°	1001.3	1002.9	1008.0	1011.7	1018.4	1022.4	1027.2	1028.7	1031.7	1032.1	1034.6
72.5°	923.5	922.7	925.8	927.4	932.5	935.6	941.8	945.1	950.1	951.5	953.3
75°	838.7	838.0	841.6	843.1	847.3	850.5	857.3	861.7	869.5	872.8	872.0
77.5°	740.6	742.3	749.0	752.7	758.5	762.4	771.4	778.4	792.7	798.9	792.6
80°	630.8	632.6	639.6	643.0	650.7	655.5	665.4	673.7	686.5	689.4	685.7
82.5°	495.9	496.5	502.7	505.4	515.2	522.2	534.9	541.4	549.4	548.2	547.2
85°	338.2	342.8	350.6	358.4	370.3	381.9	393.8	403.6	396.7	407.6	395.3
87.5°	180.7	180.3	190.8	189.2	205.9	215.7	226.0	230.9	236.5	235.4	235.5
90°	44.7	42.3	42.5	39.9	40.9	38.0	39.9	37.3	39.7	36.3	41.7
92.5°	41.9	40.2	38.3	36.7	34.8	33.2	31.3	29.5	27.7	26.0	27.7
95°	50.9	49.3	47.7	46.0	44.3	42.7	41.1	39.4	37.8	36.2	38.2
97.5°	62.5	61.5	60.6	59.6	58.7	57.7	56.8	55.8	54.7	53.7	55.1
100°	70.4	70.4	70.4	70.4	70.2	70.2	70.2	70.2	70.2	70.2	71.3
102.5°	132.2	129.1	126.0	122.6	119.5	116.4	113.3	110.1	107.0	103.9	108.5
105°	294.6	282.3	270.0	257.7	245.3	233.1	220.9	208.5	196.3	184.1	196.8
107.5°	544.1	521.6	499.2	476.8	454.4	432.1	409.8	387.5	365.2	342.9	362.9
110°	758.1	734.3	710.4	686.7	663.0	639.1	615.5	591.8	568.1	544.4	563.5



TEST NUMBER: P1444757
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL24

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	845.0	829.4	814.1	798.7	783.2	768.0	752.7	737.4	722.2	706.9	716.2
115°	834.0	826.6	819.2	811.8	804.5	797.0	789.8	782.5	775.4	768.1	768.7
117.5°	765.9	763.2	760.8	758.1	755.6	753.2	750.8	748.4	746.0	743.8	738.7
120°	667.8	668.2	668.7	669.4	670.1	671.0	671.5	672.5	673.4	674.4	667.4
122.5°	571.3	572.6	574.3	575.9	577.6	579.3	581.2	583.2	585.3	587.3	580.3
125°	487.6	489.1	490.5	492.0	493.5	495.4	497.2	499.3	501.1	503.4	497.5
127.5°	428.1	428.3	428.4	429.0	429.2	430.0	430.7	431.5	432.4	433.6	429.9
130°	391.3	390.3	389.2	388.3	387.3	386.8	386.3	385.7	385.4	385.2	383.6
132.5°	371.1	369.2	367.3	365.5	363.8	362.4	360.8	359.7	358.5	357.5	357.1
135°	361.4	359.0	356.5	354.2	351.8	349.9	347.8	346.2	344.5	343.0	343.4
137.5°	356.1	353.7	351.1	348.9	346.6	344.7	342.6	340.8	339.1	337.7	338.4
140°	355.9	353.5	351.0	348.8	346.7	344.7	342.7	341.1	339.1	337.9	338.3
142.5°	354.5	352.5	350.1	348.2	346.0	344.3	342.6	341.1	339.3	338.2	338.8
145°	354.0	352.5	350.7	349.2	347.8	346.6	345.0	344.0	343.0	342.2	342.5
147.5°	352.4	351.3	349.9	348.8	347.6	346.7	345.6	344.9	344.0	343.5	343.6
150°	348.7	347.9	347.0	346.4	345.6	345.0	344.4	344.0	343.4	343.1	343.1
152.5°	344.1	343.6	342.8	342.2	341.6	341.1	340.6	340.3	339.9	339.6	339.6
155°	338.2	337.9	337.6	337.5	337.2	337.3	337.1	337.2	337.0	337.1	337.2
157.5°	335.4	335.4	335.3	335.5	335.6	335.6	335.7	336.0	336.0	336.3	336.5
160°	334.9	334.8	334.7	334.8	334.7	334.7	334.8	334.9	335.0	335.1	335.5
162.5°	334.3	334.7	334.8	335.0	335.3	335.6	336.0	336.4	336.7	337.2	337.5
165°	336.9	337.0	336.9	336.9	337.1	337.2	337.2	337.7	337.7	338.2	338.6
167.5°	338.7	338.9	339.0	339.1	339.4	339.8	340.1	340.5	341.0	341.5	342.0
170°	342.7	342.7	342.7	342.7	342.7	343.0	343.0	343.1	343.3	343.7	344.0
172.5°	347.6	347.6	347.4	347.6	347.4	347.6	347.6	347.8	347.8	347.8	348.0
175°	350.0	350.4	350.6	350.7	350.8	350.9	351.1	351.2	351.4	351.6	351.6
177.5°	352.8	352.9	352.9	352.9	352.9	353.0	353.0	353.0	353.0	352.9	353.0
180°	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5



TEST NUMBER: P1444757
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL24

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1
2.5°	32808.7	32792.3	32809.0	32792.0	32809.0	32788.6	32802.5	32780.4	32786.0	32763.1	32769.0
5°	34049.2	34023.1	34037.0	34003.0	34006.6	33961.2	33960.3	33907.5	33893.6	33833.4	33807.0
7.5°	35052.4	35043.8	35048.7	35026.7	35024.3	34993.3	34978.5	34934.7	34907.3	34851.9	34814.1
10°	34893.6	34919.1	34925.8	34951.9	34957.2	34983.0	34988.5	35014.3	35019.7	35038.8	35039.0
12.5°	33305.4	33392.2	33413.0	33520.2	33565.4	33688.2	33754.0	33889.2	33969.5	34104.3	34187.2
15°	30245.7	30396.0	30455.9	30665.4	30781.2	31025.7	31179.4	31460.1	31658.3	31956.4	32169.1
17.5°	26034.8	26244.8	26339.5	26623.5	26808.8	27169.7	27429.8	27857.9	28185.7	28661.4	29038.5
20°	21365.2	21598.5	21727.1	22051.1	22269.8	22691.4	23016.1	23542.3	23980.9	24583.8	25099.3
22.5°	16847.6	17069.6	17212.5	17542.1	17788.2	18228.0	18591.0	19146.2	19637.8	20317.1	20935.2
25°	12935.8	13139.2	13268.3	13566.5	13797.7	14201.8	14548.4	15082.4	15563.4	16244.8	16878.6
27.5°	9889.2	10059.6	10184.1	10438.3	10642.2	10985.0	11282.6	11724.0	12138.4	12727.9	13292.3
30°	7571.0	7722.1	7843.2	8064.6	8253.7	8550.8	8812.5	9183.3	9526.2	9995.3	10444.3
32.5°	5785.6	5915.6	6023.5	6217.2	6388.8	6656.4	6892.2	7217.1	7511.5	7909.4	8278.8
35°	4411.3	4667.1	4649.0	4916.4	4959.3	5151.4	5361.8	5645.9	5906.6	6244.9	6559.3
37.5°	3423.8	3495.8	3572.9	3691.1	3815.3	3989.9	4167.7	4514.9	4642.2	4897.9	5158.1
40°	2761.0	2809.6	2860.6	2940.4	3027.3	3150.4	3279.9	3445.5	3615.2	3822.4	4034.2
42.5°	2334.2	2361.7	2394.1	2441.0	2494.6	2572.7	2659.3	2771.6	2889.6	3035.5	3184.4
45°	2085.5	2072.4	2082.0	2107.2	2139.5	2187.0	2241.6	2311.1	2388.0	2482.5	2583.1
47.5°	1853.6	1858.9	1861.8	1875.5	1892.7	1924.6	1957.7	2004.9	2096.1	2123.8	2178.6
50°	1700.5	1703.0	1702.2	1709.2	1717.9	1738.5	1760.0	1792.0	1823.9	1866.2	1906.6
52.5°	1572.1	1575.7	1575.2	1579.8	1584.4	1597.6	1611.1	1633.7	1654.6	1681.5	1704.7
55°	1470.7	1475.7	1477.6	1481.4	1483.8	1490.5	1496.0	1506.8	1515.7	1530.9	1544.9
57.5°	1392.8	1399.6	1402.6	1404.0	1401.2	1400.8	1399.0	1401.4	1403.1	1411.3	1419.2
60°	1331.4	1336.8	1337.7	1336.8	1331.8	1328.2	1322.4	1320.6	1319.7	1323.6	1328.0
62.5°	1267.2	1269.1	1267.8	1266.2	1260.4	1257.0	1251.0	1248.8	1246.7	1249.6	1251.8
65°	1178.3	1180.0	1178.3	1177.3	1172.2	1169.4	1164.4	1162.7	1159.8	1160.6	1160.1
67.5°	1106.2	1107.8	1106.5	1105.2	1101.6	1099.9	1096.2	1093.8	1090.3	1089.0	1086.6
70°	1034.2	1035.6	1033.5	1032.1	1028.0	1026.5	1023.1	1022.3	1019.5	1019.0	1016.2
72.5°	951.5	951.6	948.7	947.8	944.8	944.8	943.3	944.7	944.5	945.9	945.3
75°	866.8	865.6	862.0	861.4	859.1	860.2	858.7	860.7	860.9	864.0	864.4
77.5°	782.0	777.5	770.7	767.5	762.9	762.3	759.7	761.5	760.9	764.5	765.9
80°	674.9	669.5	660.7	656.5	651.1	650.3	647.8	650.3	649.1	653.3	656.3
82.5°	538.8	534.2	525.0	521.7	515.4	516.1	513.3	516.1	515.7	521.9	525.5
85°	398.6	395.4	386.1	377.8	368.5	363.2	357.9	356.9	355.4	357.9	360.0
87.5°	230.2	227.3	220.0	215.2	199.0	199.7	193.3	193.0	191.4	190.0	193.3
90°	40.8	45.2	44.6	48.7	48.5	53.2	53.4	57.8	57.5	61.9	62.3
92.5°	29.5	31.3	33.1	34.8	36.6	38.3	40.2	41.9	45.7	49.2	53.3
95°	40.2	42.3	44.3	46.4	48.4	50.5	52.5	54.6	60.2	65.7	71.3
97.5°	56.6	57.8	59.2	60.5	61.9	63.3	64.6	66.0	72.1	78.1	84.1
100°	72.4	73.5	74.6	75.7	76.8	77.9	78.9	80.0	91.8	103.3	114.9
102.5°	113.1	117.7	122.4	127.0	131.8	136.4	141.0	145.6	172.3	198.8	225.4
105°	209.4	222.1	234.8	247.4	260.1	272.8	285.5	298.2	340.9	383.3	426.0
107.5°	382.9	402.9	422.9	443.0	463.0	483.1	503.1	523.3	564.7	606.4	647.8
110°	582.6	601.7	620.7	640.0	659.0	678.2	697.4	716.7	741.6	766.6	791.6



TEST NUMBER: P1444757
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL24

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	725.5	734.8	744.2	753.6	762.9	772.5	781.8	791.3	803.9	816.4	829.1
115°	769.3	769.8	770.7	771.3	772.1	772.7	773.7	774.5	778.7	782.7	787.0
117.5°	733.6	728.5	723.6	718.4	713.6	708.8	704.0	699.4	698.8	698.1	697.8
120°	660.9	654.1	647.4	640.6	634.2	627.5	621.3	614.9	611.8	608.7	605.7
122.5°	573.6	566.9	560.4	553.8	547.3	541.0	534.8	528.6	526.5	524.5	522.6
125°	491.9	486.3	480.9	475.6	470.5	465.2	460.3	455.2	455.5	455.7	456.2
127.5°	426.6	423.3	420.1	417.0	414.2	411.2	408.5	405.7	407.7	409.6	411.6
130°	382.3	380.9	379.9	378.7	378.0	377.0	376.2	375.4	378.7	381.5	384.7
132.5°	357.2	357.1	357.3	357.5	357.9	358.3	359.0	359.4	362.9	366.2	369.8
135°	344.0	344.5	345.5	346.3	347.6	348.6	349.9	350.9	354.5	357.6	361.1
137.5°	339.3	340.1	341.3	342.4	344.0	345.1	346.9	348.1	350.8	353.6	356.3
140°	339.1	339.8	340.9	341.9	343.0	344.1	345.6	346.8	349.1	351.2	353.4
142.5°	339.6	340.1	341.1	342.1	343.2	344.2	345.5	346.5	348.2	349.8	351.7
145°	343.1	343.6	344.4	345.1	345.9	346.9	347.8	348.7	349.8	350.9	352.1
147.5°	344.1	344.5	345.0	345.7	346.4	346.9	347.6	348.2	349.2	349.9	350.8
150°	343.5	343.7	344.0	344.3	344.9	345.3	345.9	346.3	346.9	347.7	348.4
152.5°	340.1	340.1	340.5	340.8	341.1	341.6	341.9	342.4	343.0	343.6	344.3
155°	337.5	338.1	338.5	338.9	339.5	339.7	340.3	340.7	341.2	341.8	342.3
157.5°	337.1	337.2	337.9	338.2	338.7	339.1	339.5	339.9	340.5	340.9	341.3
160°	336.1	336.7	337.2	337.9	338.4	339.0	339.5	340.1	340.7	341.1	341.5
162.5°	338.1	338.5	339.0	339.3	339.8	340.3	340.7	341.1	342.0	342.2	343.0
165°	339.2	339.7	340.5	340.8	341.6	342.1	342.7	343.2	343.6	344.1	344.5
167.5°	342.5	343.0	343.7	344.2	344.8	345.3	345.9	346.4	346.9	347.1	347.6
170°	344.4	344.9	345.4	345.9	346.4	346.9	347.4	347.8	348.4	348.8	349.4
172.5°	348.4	348.8	349.1	349.4	349.8	350.3	350.7	350.9	351.4	351.8	352.1
175°	351.6	351.6	351.7	351.8	351.9	351.9	352.0	352.3	352.4	352.6	352.7
177.5°	353.2	353.3	353.5	353.6	353.7	353.8	354.0	354.1	354.1	354.1	354.1
180°	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5



TEST NUMBER: P1444757
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL24

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1
2.5°	32746.0	32747.5	32721.0	32719.6	32694.8	32691.7	32667.6	32660.3	32640.7	32633.6	32613.7
5°	33739.6	33707.4	33633.0	33589.3	33515.8	33467.1	33387.6	33335.8	33259.0	33201.2	33124.0
7.5°	34744.3	34694.4	34610.9	34543.3	34441.3	34359.9	34240.7	34142.9	34013.7	33901.9	33766.2
10°	35039.0	35031.3	35010.0	34979.0	34931.6	34878.4	34797.1	34712.5	34599.2	34476.3	34325.4
12.5°	34313.9	34392.2	34499.0	34562.2	34639.3	34673.0	34704.5	34696.6	34675.9	34613.6	34526.4
15°	32477.1	32697.2	32988.5	33214.2	33474.0	33662.8	33871.2	34001.2	34130.7	34190.5	34227.2
17.5°	29555.2	29971.9	30494.3	30927.1	31426.6	31827.8	32267.6	32598.7	32939.1	33183.1	33403.7
20°	25802.1	26405.6	27144.5	27797.1	28556.1	29215.6	29938.3	30531.7	31143.6	31622.0	32074.8
22.5°	21731.1	22448.0	23341.2	24168.6	25147.0	26026.3	27018.3	27881.8	28783.3	29536.5	30264.7
25°	17728.1	18514.2	19490.9	20414.0	21522.1	22544.8	23721.4	24797.5	25962.8	26974.3	27973.8
27.5°	14072.7	14844.5	15841.6	16824.3	17996.0	19085.8	20346.5	21532.0	22858.8	24082.3	25333.9
30°	11068.3	11722.9	12617.0	13568.8	14724.4	15833.5	17107.7	18327.1	19707.3	21043.1	22452.9
32.5°	8769.1	9267.8	9970.7	10775.5	11841.8	12897.5	14110.9	15288.0	16647.2	17996.6	19462.8
35°	6964.2	7353.2	7889.1	8517.2	9420.2	10330.2	11403.4	12473.9	13741.9	15022.5	16447.6
37.5°	5491.7	5807.3	6227.0	6698.9	7423.1	8169.9	9050.0	9937.4	11039.3	12174.4	13465.9
40°	4288.4	4544.0	4870.7	5222.5	5769.4	6344.9	7025.5	7713.7	8598.9	9526.6	10595.5
42.5°	3368.9	3557.4	3788.2	4045.3	4555.6	4861.1	5322.6	5820.4	6471.2	7144.6	7948.2
45°	2705.5	2834.1	2994.1	3166.6	3403.4	3662.6	3978.7	4310.1	4928.3	5231.6	5720.4
47.5°	2259.4	2345.7	2447.5	2556.2	2695.9	2846.6	3034.0	3225.7	3473.6	3730.5	4031.6
50°	1958.9	2046.7	2081.7	2137.9	2218.8	2304.9	2410.6	2516.2	2649.2	2783.9	2939.0
52.5°	1735.9	1764.4	1802.5	1838.3	1888.4	1986.4	2018.1	2073.3	2147.9	2220.8	2302.3
55°	1565.6	1584.3	1608.9	1630.6	1660.8	1689.8	1731.5	1768.3	1818.0	1862.0	1916.1
57.5°	1433.0	1445.0	1462.1	1476.2	1495.8	1512.2	1536.7	1556.6	1585.2	1610.0	1642.8
60°	1336.7	1344.6	1356.1	1365.4	1377.9	1386.4	1398.6	1407.9	1423.0	1435.6	1453.9
62.5°	1258.1	1262.2	1269.7	1275.1	1283.0	1287.3	1293.9	1298.0	1306.2	1312.5	1322.8
65°	1163.6	1164.6	1169.7	1172.0	1178.2	1180.5	1185.8	1187.7	1194.5	1199.3	1208.2
67.5°	1086.3	1084.2	1084.3	1082.5	1083.3	1081.5	1082.0	1080.1	1082.9	1084.3	1091.1
70°	1015.7	1012.7	1011.7	1008.5	1007.6	1004.2	1003.2	1000.2	999.9	998.9	1001.3
72.5°	946.9	946.0	946.3	944.0	943.8	941.5	941.6	940.2	941.8	942.5	945.6
75°	867.8	868.0	869.5	867.5	868.1	866.2	866.9	865.1	866.1	865.7	868.8
77.5°	771.5	773.7	777.9	777.1	778.4	776.3	777.2	774.7	775.5	773.7	774.9
80°	663.2	668.0	673.6	673.3	675.8	674.2	676.3	673.9	674.9	672.0	671.3
82.5°	534.6	538.6	544.6	544.9	550.1	551.0	556.9	556.8	560.5	558.0	556.4
85°	365.4	368.2	373.5	376.4	381.7	385.1	390.8	393.1	389.0	396.4	390.5
87.5°	190.8	197.9	194.0	203.2	201.0	210.4	208.4	217.0	215.3	222.8	221.8
90°	67.9	68.8	74.7	76.0	83.0	85.0	88.5	86.2	89.5	87.4	90.7
92.5°	56.8	61.0	64.8	68.6	72.4	76.3	72.7	69.2	65.6	62.2	58.5
95°	76.9	82.5	88.0	93.6	99.2	104.8	98.8	92.9	86.9	80.9	74.9
97.5°	90.1	96.2	102.1	108.1	114.2	120.2	113.1	106.0	99.0	92.0	84.8
100°	126.5	138.2	149.8	161.4	173.0	184.6	171.5	158.3	145.3	132.1	118.9
102.5°	252.1	278.6	305.3	332.0	358.5	385.2	357.4	329.5	301.4	273.6	245.5
105°	468.6	511.2	553.7	596.4	638.9	681.7	636.3	591.1	545.7	500.6	455.1
107.5°	689.5	731.0	772.7	814.2	855.8	897.5	851.7	805.6	759.9	713.8	667.9
110°	816.7	841.7	866.8	892.0	917.0	942.2	908.7	875.2	841.8	808.3	774.7



TEST NUMBER: P1444757
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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°	841.6	854.5	867.0	879.9	892.5	905.2	881.4	857.6	833.6	809.9	785.9
115°	791.1	795.4	799.6	803.9	808.0	812.3	796.3	780.3	764.4	748.4	732.1
117.5°	697.3	697.1	696.4	696.3	695.7	695.3	686.5	677.8	668.9	660.0	651.0
120°	602.6	599.6	596.6	593.6	590.6	587.5	583.9	580.5	576.7	573.2	569.4
122.5°	520.6	518.8	516.8	514.9	512.8	510.7	509.5	508.5	507.2	506.0	504.6
125°	456.5	456.7	457.1	457.4	457.6	457.9	457.3	457.0	456.4	456.1	455.4
127.5°	413.4	415.4	417.2	419.1	420.7	422.6	422.6	422.9	422.9	423.1	423.1
130°	387.5	390.8	393.7	396.5	399.2	402.4	402.1	402.1	402.0	402.0	401.8
132.5°	373.2	376.6	379.8	383.3	386.5	389.7	389.5	389.4	389.0	389.0	388.7
135°	364.3	367.6	370.6	374.0	376.9	380.0	379.6	379.4	378.8	378.8	378.3
137.5°	358.7	361.6	364.1	366.7	369.0	371.6	371.1	370.9	370.4	370.1	369.7
140°	355.5	357.6	359.5	361.7	363.7	365.7	365.1	364.6	363.9	363.4	362.6
142.5°	353.3	355.0	356.4	358.2	359.6	361.3	360.1	359.2	358.3	357.4	356.3
145°	353.3	354.5	355.6	356.6	357.5	358.6	357.3	356.3	354.8	353.8	352.6
147.5°	351.5	352.4	352.8	353.7	354.1	355.0	353.7	352.6	351.4	350.1	348.8
150°	348.9	349.8	350.3	350.9	351.5	352.1	350.7	349.5	348.1	346.9	345.5
152.5°	344.9	345.5	346.0	346.5	347.0	347.5	346.2	345.1	343.8	342.4	341.1
155°	342.6	343.2	343.4	344.0	344.0	344.4	343.1	342.3	341.1	340.1	338.8
157.5°	341.7	342.2	342.6	342.8	343.0	343.4	342.5	341.9	340.9	340.1	339.1
160°	341.9	342.2	342.6	342.9	343.2	343.3	342.6	342.1	341.4	340.6	339.8
162.5°	343.4	344.0	344.4	344.8	345.2	345.7	344.8	344.1	343.2	342.4	341.4
165°	344.9	345.2	345.6	345.9	346.0	346.4	345.9	345.4	344.8	344.2	343.6
167.5°	347.8	348.3	348.6	348.9	349.0	349.3	348.7	348.4	347.7	347.2	346.5
170°	349.7	350.0	350.6	350.8	351.2	351.4	351.1	350.7	350.1	349.7	349.1
172.5°	352.6	352.9	353.1	353.4	353.6	353.9	353.5	352.9	352.5	351.9	351.4
175°	352.7	352.7	353.0	353.0	353.0	353.1	352.7	352.3	351.9	351.5	351.1
177.5°	354.1	354.1	354.1	354.0	354.0	354.0	353.7	353.5	353.2	352.9	352.5
180°	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5



TEST NUMBER: P1444757
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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1	32403.1
2.5°	32606.5	32592.4	32583.3	32571.7	32564.6	32555.5	32548.9	32543.3	32538.8	32534.5	32531.4
5°	33065.1	32992.2	32935.6	32874.4	32824.1	32773.9	32735.2	32703.2	32681.0	32664.5	32654.6
7.5°	33648.8	33515.4	33396.8	33271.9	33160.0	33049.8	32954.9	32873.2	32811.8	32772.0	32747.9
10°	34170.1	33991.6	33815.0	33629.1	33452.7	33281.8	33124.0	32985.1	32875.3	32802.2	32759.6
12.5°	34403.9	34251.7	34071.4	33869.4	33653.5	33434.8	33221.8	33029.6	32868.4	32760.2	32697.7
15°	34198.1	34135.5	34013.2	33856.5	33651.5	33425.5	33175.4	32940.2	32723.9	32583.6	32502.3
17.5°	33528.6	33615.7	33606.3	33546.4	33399.0	33208.8	32953.9	32689.8	32419.2	32231.8	32129.4
20°	32398.7	32672.8	32811.8	32883.2	32825.2	32702.0	32471.1	32203.1	31887.7	31643.0	31493.6
22.5°	30811.0	31294.8	31596.4	31817.0	31863.8	31821.8	31618.0	31363.1	31011.6	30717.3	30496.7
25°	28767.1	29476.0	29952.5	30326.1	30471.1	30508.7	30335.2	30081.7	29689.9	29347.1	29044.1
27.5°	26359.7	27280.8	27916.9	28418.9	28645.5	28743.8	28584.2	28325.5	27862.0	27452.8	27057.0
30°	23649.4	24742.2	25508.2	26110.1	26386.3	26516.1	26346.5	26057.9	25518.4	25026.1	24527.4
32.5°	20748.5	21944.3	22779.0	23432.7	23706.4	23828.6	23606.7	23282.5	22659.0	22078.9	21497.5
35°	17711.3	18918.3	19760.1	20396.4	20625.7	20699.4	20415.7	20040.9	19350.1	18713.5	18079.5
37.5°	14612.3	15735.2	16500.3	17071.3	17213.3	17226.0	16884.2	16470.3	15744.2	15116.5	14485.3
40°	11540.0	12487.0	13104.8	13561.9	13611.1	13567.1	13195.5	12779.0	12099.8	11537.4	10983.3
42.5°	8646.1	9361.0	9801.7	10114.9	10096.3	10009.5	9668.8	9310.6	8750.3	8322.0	7885.9
45°	6166.8	6638.2	6895.9	7079.2	7020.3	6937.6	6672.4	6421.4	6040.6	5764.0	5470.9
47.5°	4284.2	4847.0	4749.1	5107.4	4798.7	5002.6	4578.0	4343.9	4141.7	3994.7	3829.1
50°	3067.1	3196.1	3258.4	3300.9	3278.3	3247.0	3170.7	3102.5	3010.2	2942.9	2864.5
52.5°	2368.7	2433.1	2468.5	2494.0	2489.0	2477.5	2444.3	2413.9	2370.7	2342.2	2307.9
55°	2006.3	2007.3	2072.2	2044.4	2085.6	2037.3	2056.3	2002.9	2011.5	1965.6	1934.7
57.5°	1667.2	1693.7	1705.5	1717.0	1713.8	1711.8	1698.9	1692.4	1677.9	1673.4	1663.1
60°	1466.5	1480.3	1483.2	1488.6	1484.0	1482.4	1472.3	1468.7	1459.0	1457.2	1450.3
62.5°	1329.0	1336.0	1336.0	1336.0	1330.2	1324.7	1313.5	1307.7	1299.4	1297.6	1293.6
65°	1214.1	1221.5	1222.6	1224.2	1220.0	1215.7	1205.8	1199.4	1190.9	1187.7	1183.1
67.5°	1095.6	1103.4	1106.0	1110.0	1107.6	1106.7	1100.0	1097.5	1091.9	1090.5	1086.3
70°	1002.5	1005.8	1005.5	1005.4	1000.1	995.4	987.6	983.9	978.0	976.8	972.9
72.5°	947.1	949.5	948.0	945.9	939.1	932.2	923.0	916.3	908.6	903.8	898.4
75°	869.2	872.3	870.3	869.0	862.8	858.3	851.0	847.2	841.8	840.3	836.5
77.5°	773.5	774.9	771.8	771.5	766.8	763.9	758.3	757.4	753.4	753.5	750.0
80°	667.0	666.2	661.1	660.2	655.5	654.3	649.9	650.2	647.0	648.4	645.9
82.5°	548.8	545.8	539.2	537.3	531.8	531.4	528.5	530.9	529.0	531.8	530.2
85°	393.3	394.2	391.3	391.3	389.7	390.2	389.9	391.7	392.0	394.6	394.5
87.5°	219.2	222.4	221.8	224.7	224.6	227.9	228.8	233.7	234.3	238.7	238.7
90°	88.5	92.4	90.2	94.1	93.3	97.9	97.9	102.6	102.0	105.9	104.3
92.5°	55.0	51.5	48.0	44.4	42.6	40.6	39.3	37.1	35.5	33.5	31.7
95°	68.9	62.9	56.9	50.9	48.9	46.8	44.7	42.7	40.6	38.6	36.5
97.5°	77.8	70.7	63.6	56.6	54.7	53.0	51.1	49.4	47.6	45.9	44.0
100°	105.7	92.4	79.4	66.1	64.5	63.1	61.5	60.1	58.5	56.9	55.4
102.5°	217.6	189.6	161.5	133.5	128.2	122.9	117.6	112.1	106.9	101.5	96.2
105°	409.8	364.3	318.9	273.4	259.0	244.6	230.1	215.6	201.2	186.8	172.3
107.5°	621.8	575.7	529.7	483.5	457.1	430.3	403.7	376.8	350.3	323.4	296.7
110°	741.2	707.6	673.9	640.2	618.9	597.5	575.9	554.4	533.1	511.4	489.9



TEST NUMBER: P1444757
 CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL24

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	761.9	737.9	713.8	689.6	680.1	670.3	660.8	651.0	641.2	631.3	621.7
115°	716.0	700.0	683.6	667.3	664.2	660.7	657.5	653.9	650.6	647.0	643.5
117.5°	642.2	633.2	624.2	615.1	615.7	616.4	617.1	617.7	618.2	618.7	619.1
120°	565.6	561.9	558.3	554.4	557.7	560.6	563.8	566.6	569.7	572.4	575.2
122.5°	503.4	501.9	500.7	499.2	503.1	506.8	510.4	514.1	517.6	520.9	524.2
125°	455.1	454.4	454.0	453.2	457.2	460.9	464.7	468.1	471.8	475.1	478.5
127.5°	423.3	423.3	423.5	423.4	426.4	429.0	431.7	434.1	436.9	439.0	441.4
130°	401.7	401.4	401.5	401.2	403.9	406.3	408.9	411.1	413.6	415.5	417.5
132.5°	388.6	388.3	388.1	387.7	389.9	391.6	393.6	395.1	396.8	398.0	399.4
135°	378.0	377.5	377.3	376.8	378.7	380.5	382.2	383.6	385.2	386.3	387.5
137.5°	369.4	369.0	368.5	368.1	369.8	371.4	373.0	374.3	375.6	376.8	377.7
140°	362.3	361.5	361.1	360.4	361.9	363.3	364.7	365.9	367.2	368.0	369.0
142.5°	355.4	354.2	353.5	352.4	353.5	354.6	355.6	356.5	357.5	358.1	358.6
145°	351.4	349.9	348.9	347.6	348.6	349.3	350.2	350.9	351.5	351.8	352.5
147.5°	347.8	346.4	345.1	343.9	344.8	345.3	345.8	346.2	346.9	347.1	347.4
150°	344.1	342.6	341.2	339.9	340.3	340.8	341.1	341.7	342.0	342.2	342.5
152.5°	339.7	338.4	337.0	335.5	335.9	336.2	336.4	336.6	336.9	337.1	337.2
155°	337.8	336.5	335.3	333.9	334.3	334.4	334.6	334.8	334.8	334.9	334.9
157.5°	338.2	337.1	336.3	335.2	335.2	335.2	335.3	334.9	334.9	334.6	334.4
160°	339.1	338.2	337.3	336.4	336.2	336.2	336.2	335.9	335.8	335.4	335.2
162.5°	340.5	339.5	338.5	337.4	337.3	337.3	337.2	336.9	336.8	336.4	336.2
165°	343.0	342.2	341.5	340.7	340.6	340.3	340.2	339.7	339.5	339.0	338.6
167.5°	345.9	345.1	344.3	343.4	343.4	343.4	343.3	343.0	343.0	342.6	342.6
170°	348.6	347.9	347.4	346.8	346.5	346.4	346.1	345.9	345.5	345.3	344.9
172.5°	350.7	350.2	349.6	348.8	348.8	348.7	348.4	348.3	347.9	347.7	347.6
175°	350.6	350.2	349.5	349.1	349.0	348.9	348.8	348.7	348.4	348.3	348.0
177.5°	352.2	351.9	351.5	351.2	351.0	351.0	350.9	350.8	350.8	350.7	350.6
180°	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5



TEST NUMBER: P1444757
CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL24

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	32403.1	32403.1
2.5°	32528.5	32526.9
5°	32649.4	32647.5
7.5°	32741.4	32740.9
10°	32752.3	32757.9
12.5°	32686.9	32691.5
15°	32496.1	32505.0
17.5°	32131.3	32143.0
20°	31502.7	31514.9
22.5°	30484.8	30489.9
25°	29005.0	28984.0
27.5°	26987.5	26951.3
30°	24422.8	24387.8
32.5°	21364.9	21343.1
35°	17922.7	17909.0
37.5°	14298.8	14270.7
40°	10780.7	10698.8
42.5°	7695.0	7551.3
45°	5317.9	5147.5
47.5°	3712.4	3607.1
50°	2814.0	2780.0
52.5°	2292.8	2284.9
55°	1934.7	1931.1
57.5°	1665.4	1664.2
60°	1453.9	1453.6
62.5°	1296.2	1296.9
65°	1185.2	1185.4
67.5°	1087.4	1086.7
70°	974.4	973.6
72.5°	896.6	895.3
75°	836.5	835.7
77.5°	751.1	749.7
80°	647.5	645.9
82.5°	532.6	530.7
85°	397.2	397.3
87.5°	243.1	242.9
90°	108.0	105.9
92.5°	30.3	28.7
95°	34.5	32.4
97.5°	42.3	40.5
100°	53.9	52.4
102.5°	90.9	85.6
105°	157.9	143.5
107.5°	270.0	243.3
110°	468.4	446.9



TEST NUMBER: P1444757
CATALOG NUMBER: EHBR1-42-UNV-TA-L935-UPL24

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	611.8	602.0
115°	639.8	636.2
117.5°	619.5	619.7
120°	577.7	580.4
122.5°	527.3	530.4
125°	481.5	484.6
127.5°	443.3	445.2
130°	418.9	420.7
132.5°	400.3	401.2
135°	388.2	389.1
137.5°	378.3	379.0
140°	369.4	370.0
142.5°	359.1	359.4
145°	352.7	352.9
147.5°	347.1	347.3
150°	342.4	342.4
152.5°	337.0	337.1
155°	334.7	334.6
157.5°	334.0	333.8
160°	334.8	334.5
162.5°	335.7	335.5
165°	338.1	337.5
167.5°	342.0	342.0
170°	344.6	344.3
172.5°	347.2	346.9
175°	347.9	347.8
177.5°	350.6	350.3
180°	352.5	352.5

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-6

Test Date: 08/01/2025

Luminaire Tested: EHBR-60-L935-N

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

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-472-6
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 08/05/2025
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: Metalux
 Catalog Number: **EHBR-60-L935-N**
 Description: Elevate Round Highbay at, 60000 lumens, 3500K 90CRI LEDs with N lens

Spectral Parameters

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

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



Test Conditions

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

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 [^] /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	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 [^] /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	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 [^] /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	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

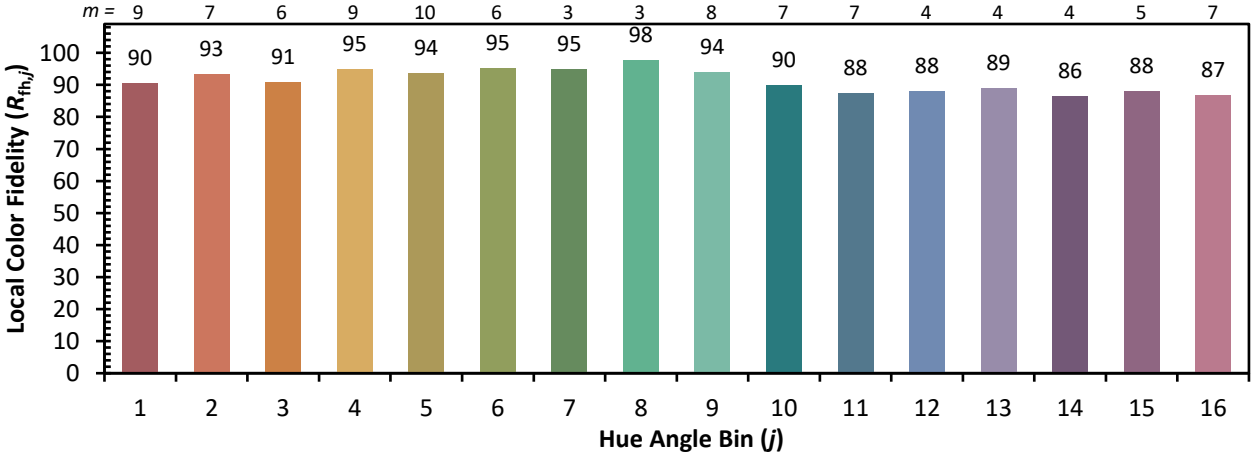


Individual Sample Fidelity Index ($R_{f,i}$)

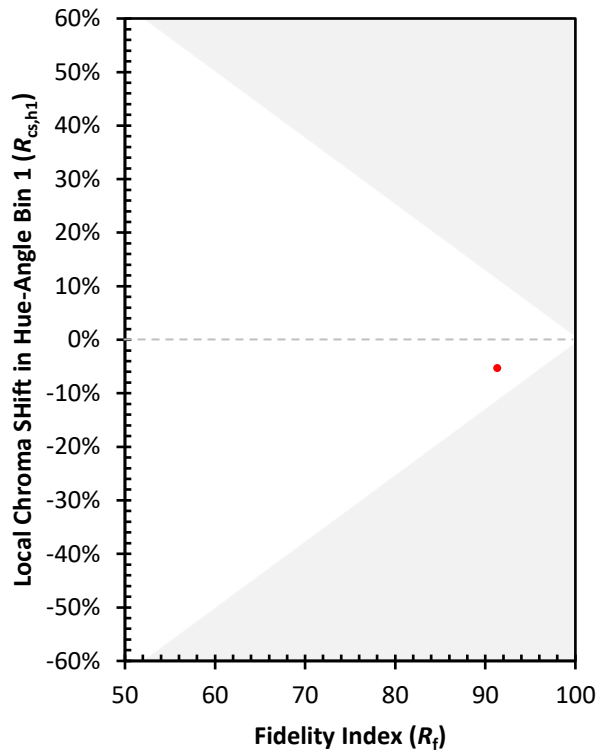
CES01 = 86	CES26 = 94	CES51 = 97	CES76 = 90
CES02 = 63	CES27 = 92	CES52 = 98	CES77 = 86
CES03 = 31	CES28 = 97	CES53 = 98	CES78 = 86
CES04 = 70	CES29 = 97	CES54 = 93	CES79 = 90
CES05 = 50	CES30 = 92	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 97	CES56 = 96	CES81 = 74
CES07 = 43	CES32 = 89	CES57 = 94	CES82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