

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: P1444536

Luminaire Tested: EHBR1-36-UNV-TA-L835-UPL40

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444536
REPORT IS A COMBINATION OF REPORTS P1444358 AND P1431635
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-36-UNV-TA-L835-UPL40
Description: Elevate Round Highbay at, 36000 lumens, 3500K 80CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

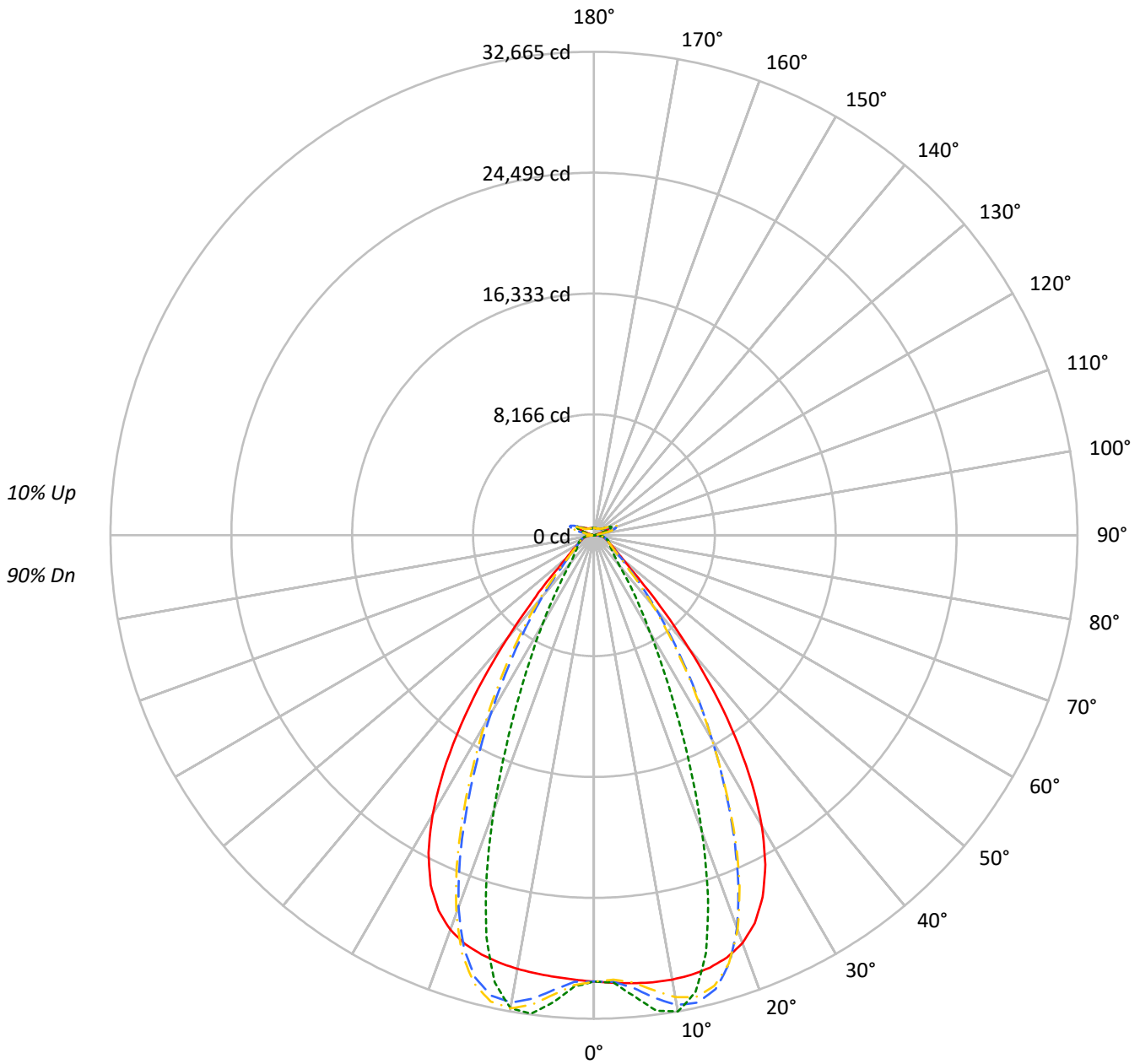
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 38670.4 lumens
Efficiency: N/A
Efficacy: 174.2 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 0.77 / 0.88
Luminous Opening: Vertical Cylinder (Dia: 1.71' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 222
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: P1444536
CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

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	117	117	117	117	113	113	113	113	105	105	105	99	99	99	93	93	93	93	93	93	90
1	109	106	103	100	106	103	100	97	97	95	93	91	90	88	86	85	84	86	85	84	81
2	103	97	92	88	99	94	90	86	89	85	82	84	82	79	80	78	76	80	78	76	74
3	96	89	83	78	93	86	81	77	82	78	74	78	75	72	75	72	69	75	72	69	67
4	90	82	75	70	88	80	74	69	76	71	67	73	69	65	70	66	63	70	66	63	61
5	85	75	69	64	83	74	68	63	71	65	61	68	63	60	65	61	58	65	61	58	57
6	80	70	63	58	78	69	62	58	66	61	56	64	59	55	61	57	54	61	57	54	52
7	76	65	58	54	74	64	58	53	62	56	52	60	55	51	58	53	50	58	53	50	48
8	72	61	54	50	70	60	54	49	58	52	48	56	51	48	54	50	47	54	50	47	45
9	68	57	51	46	66	56	50	46	54	49	45	53	48	44	51	47	44	51	47	44	42
10	64	54	47	43	63	53	47	43	51	46	42	50	45	42	48	44	41	48	44	41	40

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	141599	141599	141599	141599
5°	142285	146434	140294	148352
10°	143472	153744	140032	152727
15°	144176	139368	139787	133756
20°	142686	103824	138016	96062
25°	135058	65663	130594	59577
30°	117983	39459	113413	36061
35°	90801	24760	85577	21934
40°	57439	15532	52552	14595
45°	29605	12100	29115	11901
50°	17357	10763	16825	10595
55°	13297	10183	12806	10091
60°	11251	10401	10772	10267
65°	10567	10862	10164	10493
70°	10324	11374	9810	10947
75°	11039	12064	10444	11530
80°	11424	13358	10358	12192
85°	10759	12889	8694	11036

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 45307 cd/sqm



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 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2971.6	7.7
10°-20°	8359.4	21.6
20°-30°	9520.7	24.6
30°-40°	6843.1	17.7
40°-50°	3156.0	8.2
50°-60°	1510.3	3.9
60°-70°	1102.0	2.8
70°-80°	837.2	2.2
80°-90°	387.5	1.0
90°-100°	111.3	0.3
100°-110°	664.5	1.7
110°-120°	1228.2	3.2
120°-130°	745.0	1.9
130°-140°	470.6	1.2
140°-150°	342.4	0.9
150°-160°	234.3	0.6
160°-170°	139.2	0.4
170°-180°	47.2	0.1
0°-30°	20851.7	53.9
0°-40°	27694.8	71.6
0°-60°	32361.1	83.7
0°-90°	34687.7	89.7
90°-120°	2004.0	5.2
90°-150°	3562.0	9.2
90°-180°	3983.0	10.3
0°-180°	38670.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	30153	30153	30153	30153	30153	
5°	30380	31266	29955	31676	30380	2903
15°	30247	29239	29327	28061	30247	8522
25°	26971	13113	26080	11898	26971	12227
35°	16665	4544	15706	4026	16665	10228
45°	4790	1958	4711	1926	4790	4074
55°	1797	1376	1731	1364	1797	1659
65°	1103	1134	1061	1095	1103	1102
75°	778	850	736	812	778	809
85°	370	443	299	379	370	347
90°	111	138	40	46	111	67
95°	51	57	51	57	51	49
105°	237	308	158	308	237	315
115°	1069	1301	1120	1302	1069	986
125°	795	842	901	844	795	724
135°	613	551	661	555	613	478
145°	534	526	570	530	534	338
155°	492	497	525	501	492	229
165°	483	485	502	487	483	137
175°	491	496	500	497	491	47
180°	497	497	497	497	497	



TEST NUMBER: P1444536
 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6
2.5°	30267.8	30265.2	30264.9	30262.7	30262.1	30262.1	30261.2	30258.6	30257.1	30253.7	30249.7
5°	30380.0	30378.7	30379.5	30379.8	30377.6	30372.9	30365.5	30356.5	30345.0	30334.4	30324.8
7.5°	30466.9	30469.0	30471.7	30471.1	30464.5	30453.4	30438.4	30429.9	30434.9	30451.3	30488.9
10°	30482.7	30495.7	30500.8	30499.2	30486.0	30476.5	30480.2	30512.1	30575.7	30660.6	30776.5
12.5°	30421.0	30436.9	30436.3	30431.0	30418.2	30431.2	30477.5	30572.6	30708.9	30876.2	31072.5
15°	30247.4	30268.0	30262.1	30255.4	30246.8	30289.4	30381.9	30547.0	30757.5	30993.4	31235.0
17.5°	29910.5	29935.3	29923.3	29915.5	29908.3	29988.1	30146.9	30388.8	30654.0	30920.8	31149.6
20°	29326.1	29342.6	29313.9	29300.5	29311.8	29468.2	29702.1	30010.9	30290.5	30542.7	30699.2
22.5°	28372.3	28392.9	28339.0	28332.7	28399.3	28639.5	28935.4	29280.7	29543.3	29743.3	29803.5
25°	26971.0	26991.2	26927.1	26965.4	27078.8	27405.8	27758.3	28127.6	28351.7	28499.9	28458.9
27.5°	25079.4	25098.0	25037.2	25115.5	25294.6	25724.4	26139.2	26539.8	26739.5	26843.4	26711.8
30°	22694.0	22732.6	22660.7	22769.9	23043.3	23601.2	24076.5	24525.8	24724.9	24803.9	24599.2
32.5°	19860.6	19915.5	19836.3	19998.8	20380.4	21050.6	21590.4	22092.4	22312.7	22402.9	22171.6
35°	16665.2	16743.8	16652.9	16896.8	17367.4	18113.7	18711.5	19272.0	19532.8	19660.7	19427.7
37.5°	13279.5	13354.6	13305.4	13630.7	14147.4	14921.0	15531.3	16135.8	16430.4	16622.3	16438.6
40°	9955.7	10024.3	10061.6	10433.5	10919.6	11648.7	12234.9	12833.0	13162.6	13403.4	13290.1
42.5°	7026.7	7096.0	7222.4	7581.4	7986.7	8590.3	9092.3	9629.4	9944.2	10201.1	10157.5
45°	4790.0	4870.3	5028.8	5322.7	5615.8	6048.9	6417.5	6835.2	7092.4	7327.7	7330.5
47.5°	3356.6	3413.1	3554.6	3755.3	3946.5	4488.5	4510.8	4716.0	4888.9	5064.8	5087.6
50°	2586.8	2620.9	2695.9	2807.8	2916.1	3056.8	3185.6	3334.3	3440.8	3537.2	3560.3
52.5°	2126.3	2147.8	2186.0	2246.6	2309.4	2385.9	2454.9	2536.6	2594.5	2646.1	2657.0
55°	1797.0	1814.9	1871.8	1883.3	1955.1	1969.0	1999.6	2049.4	2083.0	2114.0	2121.6
57.5°	1548.6	1561.6	1573.7	1599.5	1621.6	1653.8	1679.7	1715.4	1736.6	1758.9	1760.8
60°	1352.6	1362.0	1370.6	1388.5	1403.5	1425.9	1443.8	1468.0	1483.2	1500.0	1501.9
62.5°	1206.8	1213.5	1219.2	1231.0	1241.8	1259.0	1273.1	1293.4	1307.5	1320.5	1323.4
65°	1103.0	1108.0	1111.7	1120.6	1130.0	1144.6	1157.5	1174.0	1184.4	1194.4	1196.5
67.5°	1011.2	1015.9	1019.7	1027.9	1034.4	1045.3	1053.9	1066.3	1074.1	1082.1	1082.3
70°	905.9	910.3	913.2	920.8	926.1	935.5	942.4	953.5	961.6	970.4	972.6
72.5°	833.1	835.6	839.6	846.5	853.8	863.8	873.0	884.7	894.5	903.6	907.5
75°	777.6	780.6	783.3	789.2	794.2	802.7	809.6	820.2	828.7	838.5	843.4
77.5°	697.6	701.1	703.4	709.3	713.6	721.8	726.9	736.4	743.3	752.3	756.7
80°	601.0	604.3	605.8	611.3	614.8	622.3	627.3	636.6	642.4	651.3	656.5
82.5°	493.8	496.9	497.8	503.1	505.0	511.2	514.9	524.2	531.4	543.0	551.0
85°	369.8	370.9	372.7	371.4	378.8	379.3	387.8	389.3	400.6	403.5	416.2
87.5°	226.1	229.4	231.1	236.2	238.4	243.6	245.2	250.6	253.7	260.0	262.9
90°	110.8	117.0	119.7	127.0	129.6	136.0	138.3	145.5	148.3	155.5	160.0
92.5°	44.7	47.7	50.6	54.0	57.0	60.7	64.1	67.4	70.5	74.1	80.2
95°	51.1	54.6	58.1	61.6	65.1	68.5	71.9	75.4	78.9	82.4	92.5
97.5°	64.3	67.3	70.3	73.3	76.3	79.4	82.4	85.4	88.4	91.3	103.5
100°	83.9	86.4	89.0	91.5	94.1	96.7	99.2	101.7	104.3	106.9	129.3
102.5°	139.5	148.5	157.7	166.7	175.7	184.7	193.8	202.7	211.9	220.9	268.4
105°	237.1	261.6	286.3	310.8	335.4	360.0	384.6	408.9	433.5	458.0	535.6
107.5°	406.0	451.4	496.8	542.4	587.9	633.3	678.7	724.2	769.5	814.8	893.5
110°	751.1	787.5	824.2	860.8	897.4	934.0	970.6	1007.0	1043.6	1080.1	1137.6



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 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	1013.1	1029.5	1046.2	1062.8	1079.4	1095.8	1112.3	1128.8	1145.5	1161.8	1202.9
115°	1068.6	1074.4	1080.4	1086.1	1092.0	1097.7	1103.5	1109.2	1115.1	1120.7	1148.5
117.5°	1037.1	1036.1	1035.3	1034.2	1033.1	1032.1	1031.1	1029.8	1028.8	1027.6	1043.3
120°	966.4	961.3	956.4	951.2	946.2	941.1	936.1	930.8	925.7	920.4	927.2
122.5°	877.2	871.2	865.4	859.1	853.2	846.9	840.9	834.4	828.3	822.0	824.8
125°	794.6	788.6	782.7	776.5	770.2	764.0	757.8	751.5	745.2	738.7	740.1
127.5°	722.9	718.7	714.5	710.0	705.7	701.1	696.6	692.0	687.6	682.8	683.3
130°	676.4	672.6	668.8	664.8	660.9	656.7	652.7	648.3	644.3	639.9	640.7
132.5°	638.2	635.7	633.1	630.2	627.3	624.0	621.2	617.9	614.9	611.8	612.7
135°	612.7	610.3	608.0	605.2	602.6	599.6	596.8	593.7	590.9	587.8	589.0
137.5°	591.1	588.9	586.6	584.2	581.8	578.9	576.3	573.6	570.9	568.0	569.2
140°	571.2	569.3	567.1	564.9	562.8	560.3	557.8	555.4	552.8	550.2	551.6
142.5°	549.0	547.4	545.9	544.1	542.4	540.3	538.4	536.2	534.4	532.1	534.1
145°	534.5	533.2	531.9	530.4	528.8	527.0	525.4	523.4	521.8	520.1	522.0
147.5°	521.7	520.6	519.7	518.5	517.4	515.7	514.4	512.8	511.5	510.0	512.1
150°	510.5	509.5	508.6	507.5	506.2	504.9	503.5	502.3	500.9	499.4	501.4
152.5°	498.8	497.7	496.8	495.8	494.7	493.1	492.1	490.7	489.5	488.1	489.9
155°	491.7	490.7	489.7	488.7	487.5	486.3	485.0	483.8	482.7	481.3	482.8
157.5°	487.2	486.4	485.6	484.6	483.8	482.9	481.9	480.9	480.0	479.1	480.2
160°	485.0	484.2	483.5	482.6	481.7	480.6	479.9	478.9	478.1	477.2	477.9
162.5°	483.2	482.3	481.4	480.6	479.8	478.8	477.9	477.2	476.3	475.3	476.5
165°	483.2	482.7	482.1	481.6	481.0	480.4	479.9	479.2	478.7	478.0	478.7
167.5°	487.2	486.6	485.9	485.1	484.3	483.6	482.8	482.1	481.4	480.5	481.3
170°	488.5	487.9	487.6	487.2	486.8	486.4	486.1	485.6	485.1	484.7	485.3
172.5°	490.9	490.5	490.2	490.0	489.6	489.4	489.1	488.7	488.5	488.0	488.9
175°	490.8	490.4	490.3	490.1	489.9	489.7	489.6	489.4	489.4	489.0	489.5
177.5°	494.1	493.9	493.9	493.8	493.8	493.7	493.6	493.4	493.3	493.3	493.6
180°	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0



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 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6
2.5°	30246.8	30243.1	30238.1	30231.8	30226.3	30220.0	30204.8	30200.4	30205.4	30208.7	30215.7
5°	30318.7	30320.8	30321.6	30335.3	30347.2	30376.8	30608.8	30701.0	30772.3	30817.5	30886.3
7.5°	30535.4	30605.1	30674.0	30766.8	30846.8	30954.9	31360.7	31533.5	31656.4	31744.6	31853.3
10°	30902.6	31054.8	31197.5	31364.7	31508.4	31673.0	32050.8	32219.1	32325.4	32402.7	32474.9
12.5°	31272.5	31483.6	31674.3	31860.4	32016.0	32158.6	32291.6	32350.4	32355.5	32357.9	32319.6
15°	31465.1	31666.9	31835.1	31958.1	32049.4	32090.0	31861.1	31741.2	31589.5	31464.6	31259.1
17.5°	31343.6	31464.6	31537.2	31530.0	31492.3	31365.8	30717.9	30361.5	30007.7	29688.9	29270.8
20°	30803.0	30793.8	30730.6	30551.7	30336.1	30000.9	28890.1	28249.2	27629.6	27085.4	26425.2
22.5°	29797.4	29639.2	29418.6	29032.9	28604.3	28018.5	26426.7	25484.0	24621.4	23859.3	23005.7
25°	28340.3	28014.8	27607.9	26995.5	26329.5	25475.3	23513.3	22340.7	21305.1	20406.8	19421.9
27.5°	26475.6	25985.1	25388.9	24541.3	23639.1	22544.6	20369.5	19075.4	17963.7	17000.5	15952.3
30°	24267.8	23630.1	22860.2	21808.1	20719.8	19478.6	17272.4	15961.8	14836.5	13845.7	12796.6
32.5°	21772.9	21026.0	20123.7	18943.0	17766.1	16489.8	14359.3	13090.6	12015.5	11062.5	10112.9
35°	19021.2	18220.2	17265.6	16061.4	14891.4	13650.7	11695.8	10551.8	9602.4	8760.0	7993.3
37.5°	16069.5	15283.0	14375.7	13240.6	12155.8	11031.5	9344.6	8386.1	7589.4	6890.2	6298.2
40°	13000.6	12312.2	11527.2	10546.0	9620.1	8683.8	7299.1	6538.2	5909.5	5376.3	4932.6
42.5°	9969.2	9435.8	8833.7	8058.3	7349.8	6636.9	5571.1	5007.3	4541.7	4157.8	3844.2
45°	7233.0	6876.2	6472.4	5933.3	5443.1	4945.7	4187.2	3791.1	3487.8	3240.3	3030.9
47.5°	5056.2	4849.3	4836.6	4338.5	3978.9	3674.9	3186.2	2936.0	2750.1	2600.1	2467.7
50°	3550.8	3450.7	3326.3	3148.6	2981.7	2809.8	2512.1	2360.8	2251.9	2161.1	2077.3
52.5°	2654.5	2602.6	2536.2	2441.9	2351.5	2254.9	2066.5	1970.2	1935.9	1851.3	1785.0
55°	2120.2	2090.4	2052.7	1997.3	1942.3	1920.3	1758.8	1687.3	1642.1	1608.6	1573.0
57.5°	1761.1	1738.9	1716.6	1679.0	1647.2	1608.6	1522.9	1486.2	1459.4	1439.7	1415.0
60°	1502.2	1488.9	1476.4	1454.4	1437.2	1416.4	1362.0	1341.3	1327.2	1315.4	1299.7
62.5°	1325.9	1319.1	1312.6	1300.8	1292.1	1280.9	1243.6	1233.7	1226.7	1220.8	1211.2
65°	1198.6	1193.7	1190.1	1182.3	1178.0	1171.4	1139.4	1132.7	1128.3	1126.2	1120.6
67.5°	1083.0	1077.8	1075.5	1069.9	1068.1	1064.0	1037.8	1034.1	1032.6	1033.3	1031.3
70°	974.8	972.6	973.8	972.9	975.3	976.1	960.2	960.1	961.9	965.2	965.5
72.5°	910.0	910.0	911.2	911.7	914.1	915.2	902.0	901.4	902.1	904.7	904.8
75°	848.3	849.3	852.7	853.8	856.6	857.1	839.7	837.7	837.8	840.2	839.3
77.5°	762.9	766.6	773.0	776.3	781.7	782.7	763.1	760.8	760.9	763.3	761.2
80°	666.0	673.1	683.2	690.3	698.5	701.9	681.7	677.0	672.5	671.8	667.8
82.5°	563.1	571.7	583.9	590.3	599.1	601.1	567.4	561.1	557.3	557.6	553.9
85°	429.9	436.4	447.5	451.0	456.5	456.0	417.6	401.1	405.5	398.7	404.0
87.5°	269.7	273.4	280.4	281.3	283.8	283.3	244.6	237.0	234.7	234.9	232.1
90°	168.6	173.6	181.9	184.3	190.7	192.6	163.6	162.4	157.7	157.1	151.2
92.5°	86.7	92.8	99.1	105.2	111.6	117.9	120.5	125.7	119.6	112.8	106.8
95°	102.8	113.0	123.1	133.4	143.6	153.8	164.1	174.2	164.7	155.1	145.6
97.5°	115.5	127.6	139.5	151.6	163.7	175.8	187.8	199.9	189.8	179.2	169.0
100°	151.8	174.3	196.7	219.3	241.7	264.2	286.8	309.3	289.5	269.6	249.8
102.5°	316.1	364.0	411.7	459.4	507.1	555.0	602.9	650.7	605.3	559.8	514.4
105°	613.0	690.5	767.9	845.0	922.5	1000.0	1077.6	1155.1	1082.6	1010.1	937.5
107.5°	971.9	1050.6	1128.9	1207.4	1286.0	1364.5	1443.5	1522.1	1451.3	1380.4	1309.7
110°	1194.9	1252.1	1309.5	1366.7	1424.0	1481.2	1539.3	1596.7	1554.1	1511.5	1469.2



TEST NUMBER: P1444536
 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	1243.7	1284.9	1325.9	1366.8	1407.6	1448.7	1490.7	1531.9	1510.5	1489.0	1467.9
115°	1176.1	1203.9	1231.5	1259.1	1286.7	1314.3	1343.1	1371.1	1364.3	1357.5	1350.7
117.5°	1058.7	1074.2	1089.8	1105.3	1120.6	1136.1	1153.3	1168.9	1170.0	1171.3	1172.8
120°	933.6	940.4	946.9	953.5	959.9	966.5	975.0	981.8	987.7	993.4	999.2
122.5°	827.3	829.9	832.3	834.9	837.4	839.9	844.5	847.5	851.5	855.7	859.8
125°	741.4	742.7	744.0	745.3	746.4	747.8	751.6	753.3	753.7	753.9	754.3
127.5°	683.6	684.0	684.2	684.6	684.6	685.0	687.9	688.8	686.5	684.2	681.8
130°	641.4	642.1	642.8	643.5	644.2	644.9	648.5	649.8	645.7	641.4	637.1
132.5°	613.5	614.4	615.2	616.4	617.2	618.0	622.0	623.6	618.8	613.9	609.0
135°	590.0	591.2	592.2	593.4	594.4	595.7	600.1	602.0	597.6	592.7	588.1
137.5°	570.1	571.3	572.4	573.7	574.8	576.0	580.8	582.8	579.3	575.3	571.8
140°	553.0	554.3	555.7	557.1	558.5	560.1	565.4	567.7	564.9	562.0	559.0
142.5°	535.6	537.7	539.6	541.6	543.6	545.7	551.8	554.7	552.7	550.4	548.3
145°	524.1	526.4	528.5	531.0	533.2	535.6	542.4	545.8	544.5	543.1	541.7
147.5°	513.6	515.7	517.8	519.8	521.9	524.5	531.4	534.6	534.1	533.1	532.3
150°	503.2	505.4	507.4	509.5	512.0	514.3	522.0	525.6	525.0	524.3	523.5
152.5°	491.7	493.5	495.4	497.4	499.4	501.6	510.7	514.3	513.8	512.9	512.3
155°	484.1	485.6	486.9	488.7	490.1	492.0	501.5	504.9	504.6	504.2	503.8
157.5°	481.1	482.0	483.0	484.1	485.4	486.5	496.2	499.5	499.2	498.8	498.5
160°	478.8	479.6	480.3	481.2	482.0	483.0	492.9	496.0	495.7	495.3	494.9
162.5°	477.4	478.6	479.6	480.7	481.8	483.0	493.1	496.5	496.0	495.3	494.8
165°	479.3	480.0	480.5	481.2	481.9	482.7	491.9	494.7	494.5	494.1	493.7
167.5°	481.9	482.7	483.4	484.1	484.8	485.8	494.4	497.2	496.9	496.5	496.3
170°	485.8	486.5	486.9	487.6	488.3	489.2	496.3	498.6	498.3	497.6	497.1
172.5°	489.5	490.3	490.9	491.7	492.4	493.2	499.4	501.5	501.2	500.7	500.1
175°	490.0	490.5	491.1	491.9	492.4	493.0	497.8	499.4	499.3	499.1	498.8
177.5°	494.1	494.4	494.9	495.4	495.9	496.3	499.3	500.2	500.1	500.1	500.0
180°	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0



TEST NUMBER: P1444536
 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6
2.5°	30217.2	30227.8	30229.5	30241.8	30240.8	30255.5	30253.2	30265.2	30258.3	30268.2	30259.8
5°	30926.9	30991.3	31024.9	31087.8	31107.6	31163.9	31179.7	31231.0	31233.1	31273.8	31264.5
7.5°	31930.4	32025.2	32081.5	32159.2	32198.6	32263.2	32291.7	32339.6	32355.0	32393.0	32395.9
10°	32529.5	32575.6	32607.7	32629.5	32649.2	32658.5	32669.3	32666.4	32669.3	32665.1	32674.4
12.5°	32293.9	32226.6	32182.1	32097.8	32049.1	31956.0	31910.2	31820.7	31788.2	31711.3	31700.3
15°	31100.3	30865.8	30700.2	30459.3	30307.9	30070.8	29932.2	29718.4	29620.7	29450.8	29406.2
17.5°	28924.7	28489.6	28152.8	27720.8	27421.0	27017.2	26763.3	26429.0	26246.0	25976.5	25883.1
20°	25874.8	25230.9	24725.7	24123.9	23693.3	23156.6	22813.1	22379.8	22128.3	21797.3	21663.1
22.5°	22294.0	21492.3	20861.4	20150.5	19630.8	19032.9	18621.3	18152.5	17878.8	17519.2	17360.0
25°	18603.3	17719.2	17017.8	16268.8	15719.7	15120.3	14708.7	14248.1	13965.0	13623.6	13465.3
27.5°	15073.4	14178.6	13500.7	12804.3	12300.6	11759.7	11388.3	10986.3	10735.0	10443.5	10294.7
30°	11958.4	11169.2	10592.3	10014.3	9595.5	9156.1	8847.5	8514.2	8293.7	8044.3	7902.4
32.5°	9420.6	8811.3	8359.6	7901.0	7558.1	7191.0	6924.3	6630.3	6431.3	6208.5	6080.0
35°	7461.0	6987.6	6627.3	6249.8	5955.2	5642.5	5407.6	5153.7	4975.2	4783.3	4672.4
37.5°	5895.0	5518.5	5222.0	4908.4	4666.5	4407.5	4320.2	4029.0	3844.0	3690.9	3584.8
40°	4626.4	4327.0	4081.7	3841.9	3644.6	3448.2	3290.4	3134.9	3015.4	2906.0	2830.1
42.5°	3612.8	3395.9	3216.8	3041.1	2897.2	2754.0	2639.9	2532.6	2452.2	2380.6	2331.7
45°	2872.0	2722.9	2598.4	2474.7	2373.1	2277.5	2200.7	2132.3	2080.3	2037.3	2006.8
47.5°	2359.5	2257.4	2169.5	2086.0	2017.1	1954.5	1903.0	1886.2	1830.4	1792.6	1778.4
50°	2005.2	1943.5	1876.8	1815.2	1769.2	1723.4	1690.0	1657.3	1636.3	1619.0	1613.7
52.5°	1740.9	1693.6	1656.6	1617.5	1587.2	1554.5	1531.5	1509.7	1498.3	1489.1	1488.1
55°	1544.2	1511.3	1486.7	1460.5	1442.3	1423.2	1411.3	1399.7	1394.7	1390.1	1390.5
57.5°	1395.5	1373.5	1357.6	1340.5	1330.7	1321.5	1318.5	1315.6	1317.2	1317.8	1320.4
60°	1287.2	1272.8	1262.7	1253.0	1248.9	1246.0	1248.2	1250.8	1256.0	1260.3	1264.1
62.5°	1204.1	1195.9	1191.0	1185.7	1185.4	1185.6	1190.0	1194.4	1201.0	1205.9	1209.6
65°	1118.7	1113.9	1112.3	1109.0	1110.7	1111.7	1117.0	1120.4	1127.0	1130.9	1135.6
67.5°	1032.3	1031.1	1032.2	1032.2	1035.2	1037.7	1042.8	1046.6	1052.2	1055.8	1059.6
70°	968.5	968.8	971.2	971.7	974.9	976.7	981.2	983.6	988.6	991.6	996.3
72.5°	906.4	905.4	905.9	904.5	905.6	905.1	907.7	908.8	913.1	915.4	921.0
75°	840.4	837.6	836.9	833.9	834.0	831.8	832.9	832.7	835.5	836.7	840.7
77.5°	760.6	755.9	753.6	748.6	748.4	746.6	748.6	749.8	754.8	757.1	761.6
80°	665.2	657.8	654.4	648.6	649.5	649.3	654.2	657.9	663.9	665.1	670.8
82.5°	552.8	545.3	541.7	536.1	537.4	537.6	542.0	542.8	548.0	550.3	556.9
85°	395.8	398.7	390.8	391.3	389.7	392.8	395.8	399.6	403.9	411.2	416.8
87.5°	233.1	232.1	234.9	235.2	239.3	241.3	247.8	251.5	258.8	264.5	274.8
90°	149.2	143.4	143.5	140.1	142.0	138.8	140.6	137.2	139.9	138.7	142.6
92.5°	99.8	93.6	86.7	80.5	73.7	67.7	64.2	61.6	58.2	55.7	52.1
95°	136.1	126.5	117.0	107.5	98.0	88.5	85.0	81.5	78.1	74.6	71.2
97.5°	158.8	148.5	138.4	128.1	117.8	107.6	105.3	103.0	100.6	98.3	96.0
100°	230.0	210.2	190.5	170.7	151.0	131.2	129.3	127.5	125.7	123.8	121.9
102.5°	469.1	423.8	378.5	333.2	287.9	242.5	234.6	226.7	218.8	210.9	203.0
105°	864.8	792.3	719.7	647.2	574.8	502.3	480.6	458.8	437.2	415.6	394.1
107.5°	1238.9	1168.1	1097.4	1026.7	956.0	885.4	851.1	817.0	782.6	748.4	714.4
110°	1426.4	1383.9	1341.6	1299.0	1256.6	1214.3	1181.6	1149.1	1116.3	1083.7	1051.2



TEST NUMBER: P1444536
 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	1446.6	1425.3	1404.0	1382.9	1361.8	1340.5	1324.6	1308.7	1292.9	1277.0	1260.9
115°	1343.9	1337.2	1330.4	1323.8	1317.3	1310.5	1309.4	1308.3	1307.0	1306.1	1305.0
117.5°	1173.9	1175.2	1176.3	1177.8	1179.3	1180.6	1189.1	1197.5	1206.1	1214.8	1223.5
120°	1004.9	1010.8	1016.5	1022.6	1028.4	1034.3	1045.5	1057.1	1068.4	1080.2	1091.9
122.5°	863.7	867.9	871.8	876.0	880.1	884.3	895.5	906.9	918.1	929.7	941.3
125°	754.4	754.6	754.8	755.0	755.3	755.8	765.0	774.3	783.7	793.4	802.8
127.5°	679.4	676.9	674.6	672.2	669.7	667.6	673.0	678.5	684.1	689.8	695.4
130°	632.9	628.6	624.1	620.0	615.5	611.3	613.5	615.6	617.8	620.2	622.7
132.5°	603.9	599.0	593.9	588.9	583.8	578.9	578.8	578.8	578.8	579.0	579.3
135°	583.3	578.7	573.8	569.0	564.1	559.6	558.3	557.0	556.0	554.8	553.8
137.5°	568.0	564.2	560.3	556.8	552.7	549.0	547.1	545.6	543.9	542.6	541.0
140°	555.9	553.0	549.9	546.8	543.8	540.9	539.2	537.9	536.6	535.4	534.2
142.5°	545.9	543.7	541.4	539.3	537.0	534.8	533.3	532.0	530.8	529.6	528.3
145°	540.3	538.8	537.4	535.9	534.5	533.1	531.8	530.9	529.9	528.9	528.2
147.5°	531.4	530.5	529.6	528.7	527.7	526.8	526.0	525.6	524.7	524.3	523.6
150°	522.6	521.8	520.9	520.3	519.2	518.5	518.0	517.7	517.2	517.1	516.7
152.5°	511.5	510.8	509.9	509.3	508.4	507.6	507.2	507.1	506.7	506.5	506.0
155°	503.2	502.7	502.3	501.8	501.1	500.8	500.2	499.6	499.3	498.8	498.2
157.5°	498.0	497.6	497.0	496.6	496.0	495.6	495.1	494.7	494.1	493.7	493.2
160°	494.5	494.1	493.6	493.1	492.7	492.3	491.5	490.9	490.1	489.6	488.8
162.5°	494.0	493.4	492.8	492.2	491.3	490.7	490.2	489.8	489.3	488.9	488.3
165°	493.2	492.9	492.4	492.0	491.6	491.2	490.4	489.8	489.1	488.5	487.6
167.5°	495.9	495.5	495.1	494.7	494.1	493.7	493.1	492.5	491.8	491.1	490.3
170°	496.7	496.0	495.6	494.9	494.3	493.6	493.1	492.4	491.8	491.2	490.5
172.5°	499.7	499.4	498.9	498.4	497.7	497.2	496.8	496.3	495.7	495.1	494.6
175°	498.7	498.6	498.5	498.1	498.0	497.8	497.6	497.5	497.2	497.1	496.8
177.5°	500.0	499.9	499.9	499.7	499.5	499.5	499.3	499.0	498.7	498.4	498.1
180°	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0



TEST NUMBER: P1444536
 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6
2.5°	30268.5	30260.8	30264.5	30250.3	30253.7	30236.5	30235.0	30215.7	30213.8	30195.5	30188.7
5°	31293.3	31276.5	31295.5	31265.9	31271.7	31233.1	31229.9	31180.1	31162.8	31100.5	31073.6
7.5°	32419.7	32413.3	32425.0	32400.2	32399.4	32365.0	32350.7	32306.0	32278.4	32212.8	32171.0
10°	32666.4	32672.2	32662.7	32665.1	32651.7	32648.0	32634.2	32625.5	32603.1	32586.1	32561.0
12.5°	31641.8	31647.9	31608.8	31633.7	31614.1	31659.8	31656.1	31710.0	31718.2	31786.4	31812.3
15°	29273.7	29266.3	29191.4	29238.6	29213.3	29313.7	29336.1	29471.1	29543.3	29716.6	29823.1
17.5°	25696.4	25677.1	25571.5	25629.0	25599.8	25747.7	25797.3	26013.3	26147.9	26427.2	26626.2
20°	21432.1	21395.1	21271.5	21338.9	21308.8	21476.8	21547.7	21808.6	21982.3	22352.2	22615.3
22.5°	17114.8	17056.3	16935.3	16998.2	16969.7	17143.9	17236.1	17497.9	17696.7	18076.5	18383.7
25°	13237.8	13185.8	13068.8	13112.9	13102.2	13249.5	13331.5	13579.1	13774.6	14136.4	14429.6
27.5°	10096.8	10042.6	9937.0	9968.1	9957.4	10082.9	10160.2	10367.1	10535.2	10839.8	11097.2
30°	7727.7	7662.3	7572.6	7589.9	7582.5	7684.1	7756.4	7930.6	8074.7	8332.1	8553.9
32.5°	5923.2	5857.6	5775.2	5783.2	5772.3	5852.1	5911.6	6063.1	6188.8	6407.5	6600.7
35°	4532.1	4608.9	4433.0	4544.4	4428.4	4598.7	4537.4	4632.1	4740.2	4924.5	5085.6
37.5°	3484.1	3430.6	3385.3	3380.5	3380.3	3419.8	3466.3	3557.5	3652.8	3790.1	3932.0
40°	2761.0	2723.5	2694.2	2692.1	2694.2	2722.2	2756.6	2819.7	2889.4	2988.1	3092.3
42.5°	2290.0	2265.0	2247.4	2246.1	2251.7	2271.6	2295.6	2333.0	2378.4	2442.3	2513.8
45°	1982.0	1968.1	1958.2	1957.8	1960.3	1970.7	1984.4	2007.8	2036.5	2076.4	2121.6
47.5°	1765.9	1762.5	1756.4	1756.6	1753.8	1758.0	1759.6	1772.7	1788.0	1818.0	1877.2
50°	1608.5	1608.5	1604.2	1604.0	1600.1	1599.8	1596.5	1601.6	1608.7	1627.4	1646.3
52.5°	1484.1	1483.7	1479.2	1478.2	1473.9	1473.7	1470.8	1472.9	1473.8	1483.2	1494.6
55°	1386.9	1384.0	1377.9	1376.1	1374.4	1376.9	1375.7	1375.9	1374.6	1378.5	1381.9
57.5°	1317.2	1313.4	1307.7	1306.0	1305.6	1308.5	1308.6	1307.5	1302.3	1298.7	1293.8
60°	1262.0	1258.2	1252.1	1250.4	1251.4	1255.4	1255.2	1251.8	1244.0	1237.1	1229.3
62.5°	1207.8	1206.2	1203.1	1202.6	1201.8	1202.5	1199.7	1196.1	1188.5	1181.2	1172.6
65°	1135.0	1135.8	1133.5	1133.8	1131.0	1130.6	1126.3	1122.8	1115.1	1108.5	1099.6
67.5°	1059.5	1060.1	1058.1	1058.1	1056.7	1056.9	1054.4	1051.1	1044.5	1039.1	1032.4
70°	997.3	998.8	997.7	998.0	996.3	995.6	991.5	988.4	981.6	977.1	971.0
72.5°	922.7	926.1	926.0	926.8	924.0	922.7	917.9	914.0	907.9	904.3	899.3
75°	842.2	846.6	847.8	849.8	845.9	844.0	838.7	835.5	830.5	828.3	825.1
77.5°	763.7	768.5	773.1	777.3	771.1	765.7	759.1	754.1	746.9	744.2	739.1
80°	675.5	684.0	694.2	702.7	691.6	680.5	669.6	661.6	652.1	648.2	641.9
82.5°	560.4	569.2	575.0	580.4	572.8	564.5	554.0	547.0	536.7	532.9	525.6
85°	425.8	436.6	440.1	443.0	438.1	433.7	423.8	410.5	404.0	394.0	388.6
87.5°	280.0	286.5	287.8	288.8	285.7	283.6	277.2	271.0	260.0	251.9	242.0
90°	140.3	142.5	138.0	137.6	135.6	137.9	133.4	133.2	126.1	124.6	118.5
92.5°	49.4	46.0	43.1	39.9	43.5	46.1	49.5	52.1	55.6	58.2	61.6
95°	67.7	64.2	60.7	57.2	60.0	62.7	65.5	68.4	71.1	73.9	76.7
97.5°	93.7	91.3	89.0	86.7	88.3	90.0	91.5	93.2	94.8	96.5	98.1
100°	120.0	118.2	116.4	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5
102.5°	195.1	187.2	179.3	171.4	176.8	182.1	187.4	192.8	198.2	203.5	209.0
105°	372.4	350.8	329.3	307.7	328.5	349.5	370.3	391.2	412.1	433.3	454.2
107.5°	680.2	646.1	611.9	577.8	616.0	654.0	692.1	730.2	768.2	806.3	844.7
110°	1018.7	986.2	953.7	921.2	961.7	1002.0	1042.4	1082.8	1123.3	1163.6	1204.4



TEST NUMBER: P1444536
 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	1245.1	1229.4	1213.6	1197.8	1223.8	1249.7	1275.7	1302.0	1328.1	1354.2	1380.2
115°	1304.0	1303.1	1302.2	1301.2	1313.5	1325.9	1338.2	1350.6	1362.9	1375.2	1387.7
117.5°	1232.0	1240.7	1249.5	1258.4	1262.3	1266.3	1270.3	1274.3	1278.5	1282.6	1286.7
120°	1103.6	1115.1	1126.9	1138.7	1137.1	1135.4	1134.0	1132.3	1131.1	1129.5	1128.3
122.5°	952.9	964.6	976.4	988.1	984.6	981.2	977.8	974.4	971.2	968.0	964.8
125°	812.7	822.3	832.2	842.1	838.6	835.1	831.7	828.5	825.3	822.0	819.1
127.5°	701.5	707.5	713.4	719.7	718.0	716.4	715.1	713.5	712.3	711.1	710.1
130°	625.2	627.8	630.7	633.5	633.9	634.4	635.1	635.9	636.7	637.6	638.7
132.5°	579.7	580.2	580.8	581.5	583.3	585.2	587.4	589.5	591.9	594.1	596.9
135°	553.2	552.5	551.9	551.4	554.2	556.9	560.0	563.0	566.4	569.7	573.0
137.5°	539.8	538.5	537.7	536.6	539.4	542.1	545.1	548.1	551.3	554.7	558.3
140°	533.1	532.1	531.4	530.6	533.4	536.0	539.0	542.0	545.3	548.6	552.0
142.5°	527.5	526.4	525.6	525.0	527.3	529.9	532.7	535.3	538.4	541.2	544.4
145°	527.4	526.6	526.1	525.5	527.3	529.1	531.2	533.3	535.4	537.6	540.1
147.5°	523.1	522.7	522.4	522.1	523.5	524.9	526.3	527.7	529.4	531.1	532.8
150°	516.7	516.3	516.2	516.2	517.1	517.9	518.9	519.7	520.9	521.8	523.3
152.5°	506.1	505.8	505.9	505.9	506.5	507.3	508.3	509.1	510.1	511.0	512.3
155°	498.0	497.6	497.3	497.0	497.2	497.5	497.9	498.2	498.8	499.2	499.6
157.5°	493.0	492.6	492.3	491.9	491.9	491.8	491.9	492.0	492.2	492.1	492.3
160°	488.3	487.5	486.9	486.5	486.7	486.7	486.9	487.0	487.4	487.6	487.9
162.5°	487.9	487.5	487.1	486.7	486.5	486.1	485.9	485.4	485.2	484.9	484.8
165°	487.0	486.4	485.8	485.0	485.0	484.9	484.8	484.6	484.7	484.5	484.6
167.5°	489.8	489.1	488.4	487.8	487.3	486.7	486.4	485.8	485.3	484.8	484.6
170°	489.9	489.4	488.8	488.3	488.1	487.7	487.6	487.3	487.1	487.0	487.0
172.5°	494.1	493.6	493.1	492.7	492.5	492.2	492.1	492.0	491.8	491.8	491.7
175°	496.6	496.4	496.3	496.2	495.9	495.6	495.2	495.0	494.7	494.4	494.2
177.5°	497.7	497.3	497.0	496.8	496.7	496.7	496.7	496.7	496.7	496.6	496.5
180°	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0



TEST NUMBER: P1444536
 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6
2.5°	30169.2	30161.2	30140.4	30130.1	30110.8	30101.0	30086.0	30076.2	30064.0	30054.9	30050.3
5°	31005.1	30966.5	30889.2	30841.6	30758.1	30703.1	30620.2	30559.4	30473.8	30410.7	30329.7
7.5°	32092.6	32033.3	31934.3	31859.3	31742.5	31653.3	31522.2	31417.3	31272.5	31152.3	31004.3
10°	32535.3	32500.8	32456.4	32408.1	32343.3	32279.9	32190.4	32099.2	31977.6	31856.7	31698.7
12.5°	31880.9	31913.5	31977.6	32007.6	32056.6	32073.3	32095.7	32085.2	32065.3	32016.0	31944.3
15°	30027.6	30163.3	30377.9	30526.4	30734.3	30880.4	31073.6	31197.9	31341.2	31426.8	31508.2
17.5°	26978.9	27241.5	27620.1	27922.2	28327.6	28657.3	29061.3	29378.7	29745.1	30026.2	30325.6
20°	23074.0	23441.6	23964.4	24408.2	24995.7	25494.0	26132.3	26667.1	27290.8	27810.8	28372.1
22.5°	18871.1	19303.7	19902.6	20437.9	21139.7	21766.3	22566.2	23273.1	24116.4	24871.8	25707.5
25°	14906.3	15330.3	15940.3	16494.7	17252.2	17942.5	18816.3	19627.3	20606.0	21518.5	22566.2
27.5°	11506.2	11882.8	12419.1	12918.1	13611.8	14289.6	15176.3	16041.2	17085.4	18066.1	19195.1
30°	8886.1	9191.6	9621.3	10022.7	10579.6	11133.9	11923.7	12723.6	13762.7	14778.9	15936.4
32.5°	6886.4	7146.9	7505.6	7831.4	8260.6	8678.5	9260.2	9899.4	10810.8	11784.3	12903.4
35°	5330.9	5553.7	5859.0	6139.7	6492.6	6824.4	7258.4	7714.7	8410.2	9229.0	10230.7
37.5°	4250.0	4340.9	4558.8	4788.8	5081.9	5354.5	5694.1	6031.4	6529.0	7175.1	7993.3
40°	3232.1	3376.4	3553.8	3734.9	3956.8	4175.5	4548.0	4727.3	5054.9	5518.7	6153.8
42.5°	2607.9	2709.3	2834.2	2960.2	3114.8	3267.1	3455.5	3647.3	3892.3	4206.4	4658.2
45°	2182.3	2248.5	2328.9	2412.9	2514.4	2618.4	2744.5	2876.3	3042.3	3235.3	3509.7
47.5°	1898.0	1934.6	1987.1	2044.4	2114.1	2186.0	2268.0	2352.0	2455.1	2569.7	2725.9
50°	1676.1	1706.6	1747.4	1785.7	1833.8	1907.5	1940.1	1986.5	2048.5	2115.8	2203.3
52.5°	1515.5	1535.9	1561.5	1583.5	1613.8	1641.5	1677.7	1709.6	1752.6	1793.0	1849.5
55°	1390.5	1397.9	1412.3	1426.6	1447.6	1466.5	1491.3	1512.2	1539.6	1563.8	1599.4
57.5°	1294.0	1294.6	1301.3	1308.7	1322.2	1334.1	1351.2	1364.9	1383.9	1399.4	1420.7
60°	1224.5	1220.8	1222.2	1224.7	1232.4	1240.0	1251.0	1259.9	1271.9	1280.7	1292.6
62.5°	1166.7	1160.9	1159.7	1159.0	1162.8	1165.6	1171.5	1175.9	1182.6	1186.4	1192.8
65°	1093.8	1086.9	1084.3	1081.1	1082.3	1081.4	1083.6	1083.7	1087.2	1088.0	1091.7
67.5°	1027.6	1022.0	1018.5	1014.2	1012.4	1009.3	1008.0	1005.1	1004.6	1002.2	1001.6
70°	967.3	961.7	958.8	954.9	952.8	948.9	946.4	941.5	938.6	934.0	931.4
72.5°	897.5	894.3	893.4	890.8	890.1	887.9	886.8	883.4	881.4	877.4	875.2
75°	824.5	821.9	821.7	819.0	818.7	816.1	815.5	811.8	809.8	805.9	804.3
77.5°	737.6	733.7	732.6	729.5	730.3	729.0	730.0	727.2	726.1	722.1	720.9
80°	639.7	634.7	632.7	628.6	629.7	627.8	629.7	629.5	630.9	627.8	627.2
82.5°	523.7	518.3	517.3	514.4	516.3	516.5	520.7	518.4	519.3	516.4	517.6
85°	381.1	377.1	371.5	370.7	367.1	370.8	365.9	369.2	364.0	367.7	362.7
87.5°	236.2	228.0	223.6	217.7	215.4	209.7	207.4	203.2	204.5	202.6	203.7
90°	118.5	113.3	114.7	112.0	114.4	112.4	116.1	115.6	119.7	119.1	123.5
92.5°	64.2	67.2	72.7	78.6	84.0	89.5	95.0	100.9	106.3	112.1	117.4
95°	79.4	82.2	89.7	97.1	104.5	112.0	119.5	126.9	134.4	141.8	149.2
97.5°	99.8	101.4	108.9	116.3	123.7	131.2	138.6	146.3	153.8	161.2	168.6
100°	114.5	114.6	135.7	156.9	177.9	199.2	220.3	241.4	262.8	283.9	305.0
102.5°	214.3	219.6	273.0	326.5	379.9	433.3	486.7	540.3	593.7	647.3	700.8
105°	475.1	496.1	577.5	659.1	740.6	822.2	903.8	985.6	1067.2	1148.8	1230.4
107.5°	882.7	920.9	994.6	1068.3	1141.9	1215.7	1289.5	1363.2	1436.9	1510.7	1584.7
110°	1244.7	1285.2	1334.6	1383.9	1433.5	1482.7	1532.2	1581.5	1631.2	1680.5	1730.3



TEST NUMBER: P1444536
 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	1406.2	1432.4	1461.1	1490.0	1518.8	1547.6	1576.5	1605.3	1634.4	1663.3	1692.3
115°	1400.2	1412.8	1423.9	1435.2	1446.4	1457.6	1469.0	1480.4	1491.9	1503.2	1514.7
117.5°	1290.8	1295.2	1296.8	1298.7	1300.4	1302.4	1304.3	1306.4	1308.4	1310.4	1312.3
120°	1127.0	1125.6	1123.8	1122.0	1120.1	1118.5	1116.8	1115.2	1113.6	1112.1	1110.4
122.5°	961.7	958.7	956.8	955.2	953.5	952.0	950.5	949.2	947.6	946.3	944.7
125°	816.0	813.2	814.9	816.5	818.3	820.2	821.9	823.9	825.7	827.7	829.6
127.5°	708.9	708.0	712.3	716.6	721.0	725.6	729.9	734.6	738.9	743.7	748.1
130°	639.9	641.1	646.5	652.3	657.8	663.6	669.2	675.1	680.7	686.5	692.1
132.5°	599.3	602.1	607.3	612.9	618.2	623.9	629.3	634.9	640.3	646.1	651.3
135°	576.6	580.4	585.3	590.2	595.2	600.4	605.3	610.5	615.4	620.5	625.4
137.5°	561.6	565.4	569.4	573.3	577.3	581.5	585.7	589.7	593.6	597.8	601.6
140°	555.5	559.2	561.3	563.9	566.2	568.6	570.8	573.2	575.4	578.0	580.1
142.5°	547.6	551.0	552.3	553.8	555.4	557.2	558.7	560.2	561.7	563.2	564.5
145°	542.4	545.0	545.1	545.4	545.7	546.0	546.1	546.4	546.4	546.6	546.7
147.5°	534.7	536.7	536.3	536.3	536.1	535.8	535.7	535.6	535.1	535.0	534.8
150°	524.4	525.8	525.0	524.8	524.0	523.6	522.8	522.4	521.7	521.3	520.5
152.5°	513.3	514.5	513.5	513.1	512.3	511.6	510.7	510.2	509.3	508.7	508.1
155°	500.0	500.6	500.1	499.7	499.4	499.0	498.5	498.4	498.1	497.7	497.4
157.5°	492.5	492.6	492.4	492.1	491.8	491.6	491.4	491.2	491.1	491.2	491.2
160°	488.1	488.5	488.1	487.8	487.6	487.3	487.1	487.1	487.0	487.2	487.2
162.5°	484.5	484.4	484.0	483.7	483.5	483.5	483.4	483.5	483.4	483.5	483.5
165°	484.8	485.0	484.3	484.0	483.6	483.3	482.9	482.7	482.6	482.5	482.3
167.5°	484.2	484.0	484.0	484.1	484.1	484.3	484.4	484.8	485.0	485.4	485.5
170°	486.9	487.0	486.7	486.6	486.4	486.3	486.2	486.1	486.1	486.0	486.0
172.5°	491.7	491.7	491.2	490.7	490.3	489.9	489.5	489.2	488.8	488.4	487.9
175°	493.8	493.6	493.4	493.1	493.0	492.6	492.4	491.9	491.7	491.4	491.2
177.5°	496.4	496.3	496.1	496.1	496.0	495.9	495.9	495.8	495.8	495.8	495.6
180°	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0



TEST NUMBER: P1444536
 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6
2.5°	30044.3	30043.9	30041.0	30042.3	30042.9	30045.0	30047.6	30050.3	30050.9	30053.0	30053.4
5°	30269.1	30194.8	30139.8	30079.4	30033.9	29993.0	29965.7	29944.0	29935.7	29937.7	29942.7
7.5°	30878.8	30725.3	30598.8	30454.8	30334.8	30207.7	30102.3	30002.2	29929.3	29874.9	29844.4
10°	31547.9	31361.0	31182.2	30973.8	30776.3	30565.4	30374.4	30182.1	30021.8	29882.5	29780.3
12.5°	31844.8	31712.7	31558.1	31361.5	31150.1	30906.8	30661.1	30397.7	30152.8	29925.4	29741.9
15°	31530.4	31530.6	31474.3	31380.0	31233.1	31038.7	30804.5	30530.0	30241.0	29946.1	29676.7
17.5°	30532.5	30720.8	30825.5	30891.7	30871.4	30799.8	30650.9	30440.0	30170.5	29856.4	29527.7
20°	28818.8	29262.9	29579.5	29864.2	30023.8	30129.9	30119.2	30033.4	29841.5	29574.5	29232.0
22.5°	26418.2	27163.6	27751.7	28300.2	28684.9	28997.8	29146.5	29209.6	29122.6	28936.6	28615.0
25°	23502.4	24515.9	25380.8	26220.1	26849.7	27390.8	27715.9	27945.0	27963.3	27866.0	27579.2
27.5°	20262.5	21458.8	22553.4	23668.8	24554.3	25332.1	25842.5	26216.1	26334.8	26319.1	26058.6
30°	17026.7	18282.6	19489.1	20789.9	21885.5	22879.3	23553.4	24058.6	24253.3	24290.6	24040.1
32.5°	13970.9	15209.3	16412.5	17772.4	18978.0	20116.9	20913.4	21513.5	21740.0	21793.3	21518.5
35°	11197.5	12340.0	13483.4	14801.4	16000.1	17179.5	18018.8	18647.1	18858.5	18894.2	18576.0
37.5°	8792.4	9765.8	10762.2	11944.8	13045.6	14153.3	14950.7	15541.2	15695.1	15685.6	15325.6
40°	6767.4	7524.2	8324.8	9298.3	10213.5	11149.9	11823.3	12311.4	12392.3	12332.4	11954.2
42.5°	5088.7	5635.2	6215.7	6942.4	7621.5	8322.3	8812.2	9174.5	9186.1	9091.4	8751.8
45°	3791.1	4324.3	4567.8	5007.1	5444.5	5910.5	6209.6	6433.5	6398.8	6315.5	6057.4
47.5°	2890.1	3095.0	3312.3	3584.8	3839.6	4368.3	4329.2	4688.7	4429.7	4606.3	4217.7
50°	2295.0	2409.5	2526.6	2671.2	2804.3	2942.6	3029.0	3093.5	3085.0	3057.3	2982.9
52.5°	1952.5	1987.9	2045.6	2127.8	2202.1	2276.9	2326.0	2366.1	2366.8	2355.7	2318.0
55°	1631.9	1676.8	1718.3	1772.0	1863.5	1877.6	1948.2	1933.8	1939.4	1919.8	1939.8
57.5°	1438.7	1464.9	1488.3	1520.3	1546.7	1577.6	1595.8	1613.4	1611.6	1607.8	1588.6
60°	1302.0	1316.4	1329.3	1348.1	1362.5	1380.0	1388.4	1397.3	1394.4	1387.9	1370.8
62.5°	1196.5	1205.5	1212.9	1225.0	1233.8	1244.7	1249.1	1252.8	1249.1	1242.9	1227.8
65°	1092.5	1098.3	1102.9	1112.1	1118.3	1127.6	1131.3	1134.8	1131.4	1126.5	1115.1
67.5°	998.6	999.2	998.7	1002.4	1004.3	1009.9	1011.5	1014.1	1010.1	1006.0	996.3
70°	927.4	926.0	924.1	925.6	926.0	928.6	929.1	928.6	923.9	916.7	906.0
72.5°	871.8	871.0	869.7	870.8	870.8	873.3	872.6	871.3	865.4	858.5	847.9
75°	800.2	799.6	797.0	797.1	794.9	795.7	792.8	791.1	784.5	778.7	769.3
77.5°	716.5	715.2	711.3	709.9	705.6	703.8	698.3	695.6	688.9	684.3	676.2
80°	623.1	621.6	616.7	613.9	607.2	602.9	594.9	590.3	582.5	578.0	570.1
82.5°	515.1	515.6	510.6	507.1	497.5	490.1	479.4	473.6	465.1	460.7	452.6
85°	366.3	361.1	363.9	363.6	357.6	351.2	342.5	336.4	329.2	324.9	319.3
87.5°	200.9	202.2	200.7	199.5	195.2	192.0	185.2	181.6	176.4	173.8	169.5
90°	115.0	111.6	103.5	100.2	92.0	87.0	78.0	73.7	65.3	63.1	58.2
92.5°	111.1	104.9	98.9	92.3	86.4	80.1	73.8	67.6	61.3	58.9	57.1
95°	140.2	131.2	122.2	113.1	104.0	94.9	86.0	76.9	67.9	66.0	64.2
97.5°	158.0	147.4	136.7	126.1	115.4	104.7	94.2	83.5	72.8	71.7	70.5
100°	280.5	256.0	231.4	206.8	182.3	157.7	133.2	108.6	84.1	82.7	81.3
102.5°	641.2	581.6	522.0	462.5	403.1	343.4	283.9	224.2	164.6	156.0	147.5
105°	1140.2	1049.9	960.0	869.7	779.6	689.3	599.3	509.0	418.8	389.9	360.9
107.5°	1499.9	1415.1	1330.4	1245.7	1160.8	1076.2	991.3	906.5	821.7	770.7	719.7
110°	1662.9	1595.6	1528.5	1461.1	1394.0	1326.6	1259.2	1192.1	1124.7	1080.6	1036.8



TEST NUMBER: P1444536
 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	1643.1	1593.7	1544.6	1495.2	1445.9	1396.4	1347.3	1297.7	1248.3	1221.7	1195.0
115°	1485.2	1455.3	1425.7	1396.1	1366.2	1336.5	1306.8	1276.8	1246.9	1233.0	1218.8
117.5°	1297.3	1282.0	1267.0	1251.8	1236.5	1221.1	1206.0	1190.6	1175.3	1170.4	1165.4
120°	1106.0	1101.4	1096.6	1092.0	1087.3	1082.7	1077.9	1073.1	1068.2	1068.8	1069.3
122.5°	946.5	948.2	950.0	951.5	953.3	954.8	956.6	958.0	959.6	963.3	967.0
125°	834.0	838.2	842.7	847.0	851.1	855.4	859.8	863.8	868.2	871.8	875.7
127.5°	753.1	757.8	762.8	767.6	772.4	777.2	782.1	786.6	791.5	794.8	798.4
130°	696.6	700.6	704.9	708.9	713.3	717.3	721.5	725.6	729.8	732.5	735.1
132.5°	655.2	659.0	662.6	666.2	670.2	673.8	677.5	681.3	685.1	687.0	689.0
135°	628.3	630.9	633.8	636.5	639.5	642.1	645.0	647.8	650.7	652.0	653.3
137.5°	603.9	606.2	608.5	610.8	613.1	615.3	617.8	620.2	622.8	623.2	624.0
140°	582.5	585.0	587.3	589.7	592.2	594.7	597.4	599.9	602.7	603.2	604.0
142.5°	566.5	568.2	570.1	572.0	573.9	575.8	577.9	580.1	582.3	582.9	583.5
145°	549.0	551.1	553.5	555.6	557.8	560.2	563.0	565.4	568.0	568.4	568.8
147.5°	536.6	538.5	540.6	542.5	544.6	546.5	548.9	551.1	553.5	553.8	554.1
150°	522.7	524.7	526.7	528.7	531.1	533.4	535.7	538.1	541.0	541.6	542.2
152.5°	510.2	512.4	514.7	517.1	519.6	522.1	524.8	527.4	530.1	530.7	531.4
155°	499.7	501.8	504.2	506.6	509.1	511.5	514.1	516.6	519.2	520.1	520.9
157.5°	493.3	495.2	497.3	499.5	501.7	503.9	506.2	508.5	510.9	511.6	512.3
160°	489.0	490.8	492.8	494.6	496.6	498.6	500.6	502.7	504.7	505.3	505.9
162.5°	485.4	487.2	489.2	490.9	493.1	494.9	496.9	498.9	500.9	501.5	502.2
165°	483.7	485.0	486.6	487.8	489.3	490.5	492.2	493.4	495.1	495.7	496.6
167.5°	486.7	487.6	488.7	489.7	491.0	492.1	493.2	494.3	495.5	496.2	496.9
170°	486.9	487.8	488.8	489.8	490.9	491.9	492.9	493.8	495.1	495.6	496.3
172.5°	488.6	489.1	489.9	490.4	491.1	491.8	492.5	493.1	493.9	494.7	495.4
175°	491.6	491.9	492.2	492.5	492.8	493.1	493.6	494.1	494.4	495.0	495.6
177.5°	495.8	496.1	496.3	496.4	496.9	497.1	497.4	497.7	498.0	498.7	499.5
180°	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0



TEST NUMBER: P1444536
 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6
2.5°	30052.4	30052.0	30051.1	30049.7	30048.3	30049.2	30050.5	30054.0	30060.0	30068.7	30080.1
5°	29946.9	29953.0	29956.5	29957.0	29953.8	29952.0	29954.9	29963.1	29979.8	30007.7	30045.4
7.5°	29836.3	29843.8	29855.5	29864.2	29865.9	29863.8	29864.2	29877.2	29907.9	29962.3	30038.6
10°	29718.2	29695.7	29707.5	29729.2	29746.4	29749.6	29751.7	29767.0	29811.9	29894.2	30016.7
12.5°	29609.1	29538.0	29524.3	29543.8	29570.0	29578.4	29576.0	29582.6	29635.3	29744.1	29914.9
15°	29465.6	29331.9	29286.1	29291.2	29323.4	29335.1	29326.6	29313.7	29364.9	29497.8	29719.0
17.5°	29233.4	29017.7	28933.7	28930.0	28967.8	28977.8	28957.0	28916.8	28967.3	29133.1	29407.7
20°	28880.4	28562.0	28403.8	28378.7	28419.7	28407.6	28366.2	28305.4	28371.8	28573.4	28899.9
22.5°	28245.7	27842.4	27572.0	27484.9	27533.9	27501.1	27440.7	27363.1	27451.2	27680.3	28043.9
25°	27208.7	26742.6	26372.5	26164.9	26204.0	26145.3	26079.5	25985.4	26090.5	26353.5	26753.8
27.5°	25684.5	25146.0	24687.4	24343.7	24356.4	24279.5	24203.7	24081.9	24213.2	24524.4	24975.9
30°	23657.6	23034.6	22476.1	22008.9	21967.1	21892.6	21814.9	21655.1	21819.5	22192.0	22719.6
32.5°	21112.1	20420.4	19775.1	19184.5	19073.1	19000.3	18931.2	18747.2	18962.4	19396.7	20002.8
35°	18135.4	17398.5	16698.9	16024.3	15839.7	15767.0	15706.5	15530.3	15798.7	16271.4	16926.1
37.5°	14868.0	14115.2	13420.6	12728.9	12468.1	12369.3	12325.4	12210.0	12519.6	12987.2	13644.5
40°	11513.6	10813.7	10190.9	9580.0	9282.7	9131.7	9108.6	9087.7	9387.0	9792.7	10389.3
42.5°	8375.7	7811.1	7330.8	6863.8	6594.4	6388.2	6388.1	6450.7	6720.2	7024.1	7484.1
45°	5793.8	5414.7	5108.8	4796.8	4880.2	4469.2	4710.7	4586.7	4719.9	4915.9	5215.0
47.5°	3982.6	3775.8	3607.7	3433.3	3306.3	3184.9	3195.6	3273.8	3399.3	3515.6	3671.2
50°	2902.7	2797.3	2711.7	2621.2	2558.0	2504.4	2507.5	2541.4	2607.3	2668.6	2750.0
52.5°	2274.4	2216.4	2169.8	2119.8	2086.6	2060.0	2061.4	2077.9	2113.5	2148.5	2195.2
55°	1874.7	1867.7	1807.2	1762.3	1745.2	1727.3	1730.6	1737.0	1761.3	1781.7	1812.7
57.5°	1571.0	1543.8	1525.7	1502.0	1491.2	1478.7	1481.5	1483.9	1500.1	1513.9	1536.1
60°	1356.5	1337.3	1324.4	1308.3	1301.2	1293.3	1295.0	1296.5	1307.0	1315.9	1331.9
62.5°	1214.1	1196.8	1185.7	1173.2	1168.2	1162.9	1164.1	1164.5	1171.0	1177.6	1189.7
65°	1104.8	1091.1	1081.8	1071.1	1065.9	1060.3	1060.9	1060.9	1066.3	1071.1	1080.2
67.5°	989.2	978.9	972.9	964.4	960.8	955.1	955.0	953.2	956.8	958.7	964.9
70°	896.4	886.0	878.4	870.2	865.7	860.7	860.8	860.9	865.1	869.4	877.3
72.5°	839.1	829.2	822.3	815.2	811.0	806.7	805.9	805.5	808.5	810.9	816.1
75°	763.3	755.3	751.3	744.6	741.3	736.4	735.7	733.4	734.9	735.3	739.2
77.5°	671.2	663.7	660.4	653.6	650.8	645.4	644.9	642.5	643.5	642.8	645.8
80°	566.3	559.4	557.6	552.0	550.7	545.7	544.9	541.8	542.8	540.4	541.5
82.5°	449.1	442.8	441.6	436.4	436.4	431.8	431.6	427.0	427.0	423.0	416.8
85°	316.4	311.7	309.9	305.6	304.4	300.7	298.8	294.5	292.9	290.1	289.2
87.5°	167.0	164.1	161.4	159.5	155.8	149.2	148.6	144.1	144.4	141.2	141.4
90°	56.6	52.0	50.4	46.1	44.4	41.1	39.6	40.4	41.9	42.8	44.2
92.5°	55.0	52.9	50.8	48.8	46.6	44.6	42.5	44.6	46.6	48.8	50.8
95°	62.3	60.5	58.6	56.7	54.9	53.0	51.2	53.0	54.9	56.8	58.7
97.5°	69.3	68.2	67.0	65.8	64.7	63.5	62.3	63.6	64.8	65.9	67.1
100°	79.9	78.5	77.1	75.7	74.4	72.9	71.6	73.2	74.7	76.0	77.4
102.5°	138.9	130.4	121.8	113.3	104.6	96.1	87.5	96.1	104.6	113.3	121.9
105°	331.8	302.9	273.9	244.9	215.8	186.8	157.9	186.9	215.9	245.0	274.1
107.5°	668.7	617.8	566.7	515.7	464.6	413.6	362.5	413.7	464.8	515.8	566.9
110°	992.7	948.8	904.8	860.8	816.7	772.7	728.6	772.8	816.9	861.0	905.1



TEST NUMBER: P1444536
 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	1168.2	1141.4	1114.7	1087.9	1061.1	1034.3	1007.3	1034.5	1061.4	1088.5	1115.3
115°	1204.9	1190.6	1176.5	1162.4	1148.1	1133.9	1119.5	1134.3	1148.7	1163.1	1177.5
117.5°	1160.3	1155.5	1150.4	1145.4	1140.3	1135.3	1130.1	1135.5	1140.9	1146.4	1151.5
120°	1069.7	1070.4	1070.8	1071.1	1071.5	1071.9	1072.1	1072.4	1072.4	1072.4	1072.2
122.5°	970.5	974.2	977.8	981.4	984.7	988.2	991.4	988.6	985.6	982.8	979.5
125°	879.3	883.1	886.8	890.5	893.9	897.6	900.7	898.2	895.2	892.1	888.9
127.5°	801.7	805.0	808.3	811.7	814.7	817.9	820.7	818.6	815.9	813.4	810.6
130°	737.5	740.2	742.5	745.1	747.2	749.4	751.4	750.1	748.4	747.1	745.1
132.5°	690.9	692.9	694.7	696.5	698.0	699.7	700.8	700.4	699.5	698.6	697.4
135°	654.7	655.9	657.1	658.5	659.3	660.3	660.8	661.1	660.8	660.6	659.9
137.5°	624.5	625.3	625.8	626.2	626.5	626.7	626.7	627.4	627.9	628.7	628.8
140°	604.6	605.3	605.8	606.2	606.8	607.1	606.9	607.9	608.3	608.7	608.8
142.5°	584.3	584.9	585.5	585.9	586.2	586.5	586.5	587.3	587.8	588.2	588.5
145°	569.3	569.6	569.7	570.1	570.1	570.1	569.7	570.9	571.6	572.3	572.9
147.5°	554.4	554.9	554.9	555.1	555.1	555.1	554.8	555.8	556.6	557.2	557.8
150°	543.1	543.8	544.2	544.8	545.3	545.6	545.6	546.3	546.7	547.0	547.1
152.5°	531.9	532.6	533.1	533.6	534.0	534.2	534.3	534.8	535.4	535.9	536.1
155°	521.6	522.3	523.0	523.7	524.2	524.8	525.1	525.6	525.9	526.2	526.4
157.5°	512.9	513.7	514.2	514.9	515.4	516.0	516.4	517.0	517.4	517.8	518.1
160°	506.5	507.3	507.8	508.5	509.1	509.5	510.0	510.6	511.0	511.4	511.8
162.5°	502.7	503.3	503.7	504.4	504.9	505.5	505.9	506.4	506.9	507.4	507.7
165°	497.3	498.2	498.9	499.7	500.4	501.3	501.8	502.2	502.3	502.5	502.6
167.5°	497.5	498.4	499.0	499.7	500.3	501.2	501.8	502.1	502.1	502.3	502.3
170°	496.8	497.6	498.2	498.9	499.5	500.2	500.6	500.8	500.8	501.0	501.0
172.5°	496.1	496.9	497.7	498.6	499.3	500.0	500.7	500.7	500.4	500.3	499.9
175°	496.2	496.9	497.5	498.3	498.8	499.5	500.1	499.7	499.6	499.4	499.1
177.5°	500.4	501.3	502.1	502.7	503.6	504.3	505.1	504.4	503.8	503.2	502.6
180°	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0



TEST NUMBER: P1444536
 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6
2.5°	30096.2	30111.3	30134.3	30155.2	30186.6	30211.4	30248.7	30276.9	30319.0	30346.2	30391.9
5°	30098.9	30157.8	30235.2	30310.8	30401.7	30484.1	30586.6	30673.8	30776.9	30860.9	30966.3
7.5°	30141.4	30255.0	30391.1	30528.2	30683.3	30828.4	30991.9	31139.8	31301.6	31438.4	31587.9
10°	30172.8	30348.0	30548.6	30750.3	30962.8	31160.2	31359.5	31531.7	31692.5	31825.0	31942.0
12.5°	30130.3	30371.5	30628.9	30877.5	31113.7	31318.0	31489.4	31621.8	31713.2	31775.2	31789.8
15°	29985.6	30275.9	30555.7	30803.3	30999.2	31150.4	31228.7	31265.3	31226.0	31160.7	31017.3
17.5°	29715.3	30021.5	30271.6	30466.9	30570.5	30611.5	30546.6	30434.0	30213.6	29968.9	29615.7
20°	29219.6	29505.0	29686.4	29792.9	29765.2	29662.7	29418.0	29120.5	28680.6	28211.7	27593.0
22.5°	28350.3	28599.8	28696.4	28704.3	28535.3	28278.7	27837.3	27327.1	26633.0	25911.5	25024.1
25°	27045.4	27264.0	27279.2	27193.4	26884.0	26468.2	25820.0	25098.2	24155.1	23193.6	22081.5
27.5°	25275.8	25485.3	25434.0	25273.9	24844.4	24287.9	23458.1	22525.6	21363.0	20227.3	18997.2
30°	23051.3	23275.2	23215.0	23009.7	22498.8	21841.1	20864.7	19781.3	18490.5	17277.5	16030.9
32.5°	20389.1	20672.3	20630.7	20435.5	19902.3	19198.6	18139.1	16990.1	15669.4	14474.0	13261.5
35°	17363.1	17707.0	17724.9	17597.3	17102.3	16406.7	15360.4	14248.3	12983.2	11855.4	10735.2
37.5°	14103.0	14501.7	14583.7	14549.2	14139.0	13524.9	12571.7	11574.1	10453.3	9464.9	8506.9
40°	10824.9	11228.5	11368.5	11410.1	11107.4	10631.8	9849.4	9044.1	8130.6	7329.7	6568.9
42.5°	7835.4	8193.2	8328.6	8413.7	8224.7	7907.5	7336.8	6752.0	6082.7	5505.1	4951.3
45°	5441.8	5695.0	5797.8	5883.6	5780.7	5601.8	5241.4	4875.6	4433.8	4056.3	3698.9
47.5°	3804.7	3944.3	4012.2	4053.8	4013.9	3920.6	3724.5	3512.6	3263.2	3042.6	2830.5
50°	2820.1	2894.4	2929.9	2953.9	2925.0	2873.1	2766.9	2651.6	2514.6	2389.6	2267.5
52.5°	2234.9	2277.4	2298.6	2311.5	2294.9	2263.1	2201.3	2133.0	2050.8	1973.6	1933.0
55°	1882.7	1880.5	1929.4	1905.8	1929.4	1876.7	1865.6	1790.4	1722.2	1674.2	1622.3
57.5°	1552.7	1574.8	1584.2	1594.6	1587.9	1578.3	1552.0	1525.0	1489.0	1459.0	1426.9
60°	1344.0	1362.2	1372.5	1382.9	1382.2	1378.6	1363.5	1347.4	1324.9	1307.0	1287.5
62.5°	1200.3	1216.1	1226.2	1236.2	1237.0	1235.6	1224.1	1212.9	1197.6	1186.3	1172.9
65°	1087.2	1098.3	1105.2	1113.1	1112.6	1110.6	1100.1	1090.9	1078.2	1070.5	1060.6
67.5°	968.8	977.3	982.6	990.1	991.5	992.0	986.3	981.9	975.8	973.6	970.2
70°	884.7	894.9	903.5	913.0	918.1	920.6	918.1	915.9	912.3	910.8	908.1
72.5°	821.0	829.6	836.3	844.9	849.8	853.2	851.3	850.1	847.0	846.5	844.7
75°	741.9	747.9	751.6	758.1	760.7	764.0	762.5	763.3	762.2	764.7	764.5
77.5°	646.8	651.2	652.9	657.6	658.1	662.0	662.9	667.5	670.7	677.9	681.6
80°	539.8	542.5	542.5	547.4	549.5	556.1	559.2	566.6	570.1	576.5	577.1
82.5°	419.3	416.1	419.3	417.2	423.4	430.8	431.8	438.2	439.6	443.6	440.5
85°	286.6	286.4	283.8	284.3	282.4	283.3	282.2	283.4	282.3	282.4	279.4
87.5°	137.3	138.6	135.6	136.5	133.6	135.0	132.5	134.4	131.4	131.9	127.4
90°	45.5	46.9	48.0	49.5	51.4	55.3	59.3	63.2	67.7	71.6	75.7
92.5°	52.9	55.1	57.2	59.2	61.4	67.7	73.9	80.2	86.6	92.7	99.0
95°	60.6	62.4	64.3	66.4	68.3	77.3	86.4	95.4	104.5	113.5	122.7
97.5°	68.6	69.7	70.9	72.0	73.3	84.0	94.6	105.3	116.0	126.7	137.3
100°	78.9	80.3	81.6	83.2	84.6	109.2	133.8	158.3	183.0	207.5	232.1
102.5°	130.6	139.1	147.8	156.6	165.2	224.9	284.6	344.2	403.6	463.3	522.8
105°	303.1	332.1	361.5	390.5	419.5	509.7	600.1	690.4	780.4	870.6	961.0
107.5°	618.1	669.2	720.3	771.4	822.5	907.5	992.3	1077.2	1162.2	1247.0	1331.6
110°	949.5	993.3	1037.7	1081.8	1125.9	1193.2	1260.7	1328.1	1395.6	1462.8	1530.2



TEST NUMBER: P1444536
 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	1142.4	1169.2	1196.0	1222.8	1249.7	1299.2	1348.9	1398.4	1447.8	1497.2	1546.6
115°	1191.9	1205.9	1220.3	1234.5	1248.9	1278.7	1308.7	1338.7	1368.5	1398.4	1428.3
117.5°	1156.9	1162.1	1167.3	1172.2	1177.4	1192.8	1208.3	1223.7	1239.2	1254.7	1270.0
120°	1072.1	1071.8	1071.5	1071.1	1070.9	1075.7	1080.8	1085.6	1090.5	1095.4	1100.1
122.5°	976.3	972.9	969.6	966.2	962.8	961.2	959.9	958.3	957.0	955.4	954.0
125°	885.6	882.2	878.8	875.3	871.7	867.6	863.5	859.4	855.2	851.2	847.1
127.5°	807.9	804.8	802.0	798.7	795.6	790.8	786.3	781.5	777.1	772.2	767.6
130°	743.2	741.0	739.1	736.6	734.5	730.2	726.4	722.3	718.3	714.2	710.2
132.5°	696.2	694.7	693.4	691.6	690.1	686.4	683.0	679.3	675.6	671.9	668.5
135°	659.5	658.7	658.1	657.0	656.1	653.2	650.8	648.0	645.4	642.7	640.0
137.5°	629.0	628.8	628.7	628.5	628.3	626.1	624.0	621.7	619.6	617.4	615.2
140°	609.1	609.0	609.0	608.8	608.6	606.2	603.9	601.6	599.2	596.8	594.5
142.5°	588.6	588.7	588.6	588.4	588.3	586.3	584.8	582.9	581.1	579.3	577.6
145°	573.2	573.5	573.8	573.8	574.2	571.9	569.8	567.5	565.6	563.3	561.2
147.5°	558.5	558.7	559.2	559.4	559.9	557.9	556.3	554.3	552.8	550.7	549.2
150°	547.4	547.4	547.4	547.4	547.4	545.4	543.7	541.8	540.0	537.9	536.2
152.5°	536.4	536.6	536.8	537.0	537.2	535.1	533.2	531.2	529.2	527.0	525.0
155°	526.6	526.7	526.9	526.9	526.9	525.0	523.2	521.2	519.3	517.3	515.5
157.5°	518.3	518.5	518.6	518.8	518.9	517.3	515.6	514.1	512.4	510.7	509.1
160°	512.1	512.3	512.5	512.7	512.9	511.6	510.3	508.8	507.6	505.9	504.5
162.5°	508.1	508.4	508.6	508.8	509.0	507.6	506.3	505.0	503.6	502.0	500.6
165°	502.7	502.7	502.7	502.6	502.6	501.6	500.9	499.9	499.1	497.9	497.0
167.5°	502.5	502.3	502.4	502.2	502.3	501.6	501.2	500.4	499.7	499.0	498.3
170°	501.0	501.0	501.0	500.8	500.8	500.1	499.6	499.0	498.5	497.5	496.8
172.5°	499.7	499.4	499.3	499.0	498.6	498.1	497.7	497.3	496.9	496.4	496.0
175°	498.7	498.4	498.2	497.8	497.4	497.3	497.0	497.0	496.7	496.5	496.3
177.5°	502.1	501.5	500.7	500.1	499.5	499.4	499.3	499.1	499.1	498.8	498.6
180°	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0



TEST NUMBER: P1444536
 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6
2.5°	30420.2	30232.3	30207.5	30220.7	30252.1	30263.7	30297.6	30306.8	30341.0	30349.3	30382.1
5°	31047.8	30799.6	30811.9	30871.6	30962.0	31015.9	31104.7	31151.2	31236.0	31274.6	31351.2
7.5°	31709.8	31514.8	31575.6	31676.2	31799.9	31885.4	31992.1	32061.7	32153.6	32210.7	32284.4
10°	32034.7	31981.3	32048.3	32127.5	32198.0	32253.2	32298.4	32334.6	32358.4	32380.6	32390.3
12.5°	31787.4	31870.2	31881.5	31873.8	31827.1	31791.4	31711.3	31656.9	31560.3	31501.3	31386.3
15°	30870.7	31052.5	30951.7	30799.3	30576.3	30390.3	30127.7	29932.2	29658.7	29473.3	29198.8
17.5°	29261.7	29491.2	29228.8	28876.2	28427.4	28043.6	27565.6	27186.3	26711.0	26365.3	25921.8
20°	26996.7	27211.0	26743.2	26158.5	25464.5	24880.4	24191.5	23642.0	23001.8	22525.6	21951.0
22.5°	24176.4	24329.2	23670.0	22881.8	21997.6	21267.8	20444.2	19785.4	19054.9	18510.5	17897.8
25°	21056.4	21097.7	20306.9	19398.8	18413.3	17593.2	16713.9	16021.2	15276.2	14724.5	14123.2
27.5°	17907.3	17846.8	16992.2	16029.4	14992.7	14140.3	13282.7	12633.6	11981.0	11484.1	10966.0
30°	14935.1	14788.6	13901.3	12911.6	11905.3	11141.2	10429.3	9908.0	9388.9	8994.7	8578.8
32.5°	12209.4	12002.8	11139.0	10211.8	9363.9	8774.3	8246.4	7851.9	7432.7	7099.8	6750.8
35°	9795.1	9575.1	8809.9	8023.8	7382.0	6947.4	6532.5	6208.9	5852.9	5572.0	5268.9
37.5°	7723.2	7542.9	6901.9	6283.3	5797.8	5461.1	5121.1	4856.6	4562.5	4438.9	4115.1
40°	5962.3	5836.2	5335.0	4879.0	4514.6	4356.3	4011.2	3764.2	3544.3	3363.1	3187.5
42.5°	4650.7	4606.1	4118.3	3762.7	3506.0	3306.7	3114.3	2958.2	2806.3	2681.3	2563.3
45°	3413.0	3377.6	3161.1	2955.8	2780.9	2641.5	2511.5	2404.2	2304.8	2222.5	2147.6
47.5°	2657.6	2646.3	2521.6	2394.3	2284.1	2194.6	2110.3	2039.0	1973.1	1918.1	1900.2
50°	2161.6	2160.1	2086.9	2008.4	1929.9	1878.2	1824.3	1782.2	1739.8	1706.8	1672.0
52.5°	1836.6	1828.7	1779.3	1730.8	1684.1	1650.2	1615.8	1588.8	1560.8	1540.4	1518.8
55°	1581.2	1589.5	1560.9	1532.0	1502.8	1481.7	1457.5	1439.8	1420.6	1407.7	1394.6
57.5°	1403.7	1414.8	1399.7	1383.4	1365.6	1351.7	1335.1	1322.8	1310.0	1301.7	1294.2
60°	1274.6	1286.7	1280.7	1272.3	1261.4	1253.1	1242.6	1235.7	1227.4	1222.9	1218.6
62.5°	1165.1	1180.2	1178.1	1174.1	1167.1	1162.5	1156.8	1153.7	1148.2	1146.2	1144.2
65°	1055.8	1072.8	1072.5	1070.6	1066.7	1065.3	1061.7	1061.1	1058.2	1059.4	1059.1
67.5°	969.9	984.6	987.8	990.2	990.1	991.0	990.7	992.1	992.1	994.2	995.6
70°	907.9	918.1	920.6	923.1	923.8	925.7	925.7	927.0	926.7	928.4	928.6
72.5°	845.1	858.7	861.1	863.2	863.2	865.1	864.0	863.7	861.0	860.4	858.6
75°	767.2	784.5	788.3	790.7	791.1	792.8	790.4	789.0	784.5	782.7	779.6
77.5°	685.7	703.7	706.4	707.2	705.8	706.2	701.2	697.8	692.2	689.8	686.8
80°	579.6	606.1	608.2	606.6	602.4	601.7	597.0	593.8	587.0	584.7	582.1
82.5°	441.1	472.1	476.5	478.4	475.0	475.8	471.2	469.5	463.2	462.1	458.0
85°	278.5	309.5	314.6	313.9	310.6	309.8	307.1	308.0	307.5	309.1	310.0
87.5°	128.0	158.0	165.3	162.9	162.6	160.5	155.6	157.5	160.4	162.2	162.4
90°	79.8	92.9	96.8	94.1	88.3	85.2	79.9	77.2	72.3	69.6	64.8
92.5°	105.3	111.5	117.8	112.2	106.7	101.0	95.5	89.8	84.4	78.6	73.2
95°	131.7	140.5	149.5	142.0	134.6	127.1	119.7	112.3	104.8	97.3	90.0
97.5°	148.0	158.3	168.9	161.4	154.1	146.5	139.0	131.7	124.2	116.6	109.3
100°	256.7	280.8	305.3	284.2	263.0	241.9	220.8	199.5	178.4	157.4	136.1
102.5°	582.4	641.8	701.1	647.6	594.2	540.7	487.2	433.8	380.4	326.7	273.3
105°	1051.1	1140.9	1230.9	1149.1	1067.5	985.9	904.3	822.7	741.1	659.3	577.8
107.5°	1416.5	1500.6	1585.0	1511.3	1437.5	1363.8	1289.8	1216.2	1142.4	1068.5	994.8
110°	1597.5	1663.8	1731.0	1681.2	1631.9	1582.1	1532.8	1483.1	1433.8	1384.4	1335.1



TEST NUMBER: P1444536
 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	1595.9	1644.1	1693.1	1663.9	1635.1	1606.0	1577.2	1548.1	1519.4	1490.3	1461.7
115°	1457.9	1486.2	1515.6	1504.0	1492.7	1481.2	1469.8	1458.5	1447.1	1435.6	1424.6
117.5°	1285.2	1298.7	1313.5	1311.4	1309.4	1307.2	1305.3	1303.2	1301.4	1299.5	1297.5
120°	1104.9	1107.7	1111.9	1113.3	1115.0	1116.4	1118.1	1119.6	1121.3	1122.9	1124.7
122.5°	952.4	948.6	946.3	947.7	949.1	950.4	952.0	953.3	954.9	956.4	958.1
125°	842.9	836.1	831.2	829.2	827.5	825.4	823.5	821.7	819.9	818.0	816.3
127.5°	762.8	755.5	750.1	745.5	741.1	736.4	732.0	727.4	723.0	718.5	714.2
130°	706.1	699.2	694.3	688.6	683.1	677.2	671.7	665.9	660.2	654.5	648.9
132.5°	664.9	658.2	653.8	648.4	643.1	637.4	632.1	626.5	621.0	615.4	610.1
135°	637.3	631.4	628.0	623.0	618.3	613.2	608.2	603.2	598.4	593.1	588.5
137.5°	613.0	607.3	604.5	600.5	596.7	592.6	588.9	584.7	580.7	576.5	572.8
140°	592.1	586.1	583.0	580.9	578.8	576.3	574.2	571.9	569.7	567.5	565.2
142.5°	575.8	570.1	567.5	566.2	564.9	563.3	562.3	560.8	559.5	557.6	556.4
145°	559.2	552.8	549.8	549.6	549.8	549.6	549.5	549.5	549.4	549.1	549.0
147.5°	547.3	540.8	537.9	538.3	538.6	538.8	539.3	539.4	539.9	540.1	540.5
150°	534.2	526.8	523.5	524.3	524.8	525.5	526.2	526.8	527.6	528.2	528.8
152.5°	522.9	514.3	510.5	511.3	512.2	512.7	513.5	514.4	515.3	516.1	516.9
155°	513.3	504.0	500.0	500.1	500.5	500.8	501.2	501.7	502.2	502.6	503.1
157.5°	507.2	497.5	493.7	493.5	493.7	493.8	493.9	494.1	494.4	494.6	495.2
160°	503.0	493.3	489.8	489.6	489.8	489.7	489.8	489.9	490.1	490.3	490.7
162.5°	499.1	489.7	486.2	485.9	485.9	485.8	485.9	485.9	486.1	486.2	486.6
165°	495.9	487.8	484.7	484.8	485.1	485.1	485.4	485.7	486.0	486.3	486.7
167.5°	497.4	490.2	487.9	487.5	487.2	486.8	486.8	486.5	486.5	486.2	486.2
170°	496.0	490.3	488.2	488.1	488.4	488.4	488.4	488.6	488.6	488.6	488.9
172.5°	495.5	491.3	489.8	490.0	490.5	490.8	491.3	491.7	492.2	492.6	493.1
175°	496.1	493.5	492.9	492.9	493.1	493.3	493.6	493.8	494.1	494.3	494.8
177.5°	498.5	497.6	497.2	497.2	497.2	497.2	497.2	497.2	497.2	497.3	497.3
180°	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0



TEST NUMBER: P1444536
 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6
2.5°	30388.2	30423.7	30421.0	30454.0	30452.4	30483.5	30477.3	30504.3	30498.0	30521.1	30507.5
5°	31385.1	31452.3	31474.6	31535.4	31548.0	31602.4	31603.6	31646.9	31641.6	31675.5	31657.4
7.5°	32327.9	32390.8	32420.7	32467.9	32491.6	32530.7	32546.0	32578.2	32585.8	32604.8	32604.3
10°	32407.5	32407.3	32422.1	32415.5	32428.7	32421.0	32437.1	32431.3	32455.1	32448.9	32467.0
12.5°	31336.8	31230.5	31191.7	31096.2	31075.4	30993.4	30999.2	30946.7	30972.1	30939.8	30994.8
15°	29035.5	28789.0	28667.2	28452.8	28385.5	28216.1	28202.4	28089.9	28120.2	28061.4	28147.4
17.5°	25634.8	25246.8	25033.8	24720.8	24596.5	24356.9	24308.9	24164.0	24186.5	24113.5	24217.4
20°	21580.4	21111.3	20842.8	20480.8	20319.3	20033.7	19957.9	19795.9	19816.2	19743.6	19861.1
22.5°	17479.6	16988.7	16685.4	16306.1	16099.9	15831.3	15750.7	15587.8	15597.1	15529.0	15642.0
25°	13711.2	13240.6	12946.2	12601.6	12422.7	12176.4	12091.6	11945.5	11953.8	11897.5	11999.1
27.5°	10606.7	10220.5	9974.2	9685.2	9524.9	9322.4	9239.8	9117.0	9116.6	9075.4	9160.2
30°	8288.5	7966.2	7745.1	7493.5	7342.9	7160.2	7080.4	6970.4	6965.7	6936.4	7003.8
32.5°	6489.7	6203.0	6001.4	5780.0	5644.7	5488.0	5412.4	5324.1	5316.0	5289.6	5344.8
35°	5044.9	4803.5	4630.1	4443.7	4457.4	4226.1	4264.6	4084.9	4036.1	4025.6	4066.7
37.5°	3899.1	3712.2	3571.3	3431.7	3337.1	3239.4	3186.8	3139.4	3134.1	3129.5	3158.3
40°	3052.0	2921.1	2818.7	2722.9	2657.8	2598.2	2565.2	2539.2	2533.1	2529.6	2547.1
42.5°	2470.1	2381.8	2315.7	2257.4	2217.8	2185.3	2167.3	2152.8	2148.0	2148.2	2158.5
45°	2086.9	2033.4	1990.8	1954.5	1929.3	1940.3	1907.6	1924.8	1902.2	1925.6	1910.2
47.5°	1837.8	1792.2	1765.9	1740.2	1724.9	1712.5	1713.0	1713.2	1718.1	1718.8	1723.8
50°	1645.6	1619.3	1600.9	1584.5	1576.5	1570.1	1572.3	1574.0	1578.6	1579.0	1582.7
52.5°	1503.4	1486.0	1475.0	1464.8	1461.2	1457.5	1459.1	1458.4	1460.5	1459.5	1462.5
55°	1387.6	1379.4	1376.0	1372.2	1372.7	1371.7	1372.4	1368.7	1366.5	1363.7	1366.2
57.5°	1292.6	1291.4	1293.9	1295.4	1299.8	1301.3	1302.3	1298.0	1294.1	1290.4	1292.5
60°	1219.4	1221.2	1227.0	1231.7	1237.9	1240.8	1242.7	1240.1	1237.2	1234.2	1236.1
62.5°	1147.3	1150.0	1157.0	1162.2	1169.7	1173.7	1178.1	1178.3	1179.4	1178.3	1179.5
65°	1063.4	1066.9	1073.1	1077.4	1084.5	1088.0	1092.5	1093.2	1095.7	1095.2	1097.2
67.5°	999.7	1002.9	1008.1	1012.2	1018.5	1022.1	1026.0	1026.1	1027.1	1026.8	1028.9
70°	931.8	933.4	938.0	941.5	947.7	951.4	955.9	957.2	960.0	960.5	962.7
72.5°	859.4	858.7	861.5	863.1	867.7	870.6	876.3	879.4	884.2	885.4	887.1
75°	780.4	779.8	783.2	784.5	788.5	791.4	797.8	801.9	809.1	812.2	811.4
77.5°	689.1	690.8	697.0	700.5	705.8	709.5	717.8	724.4	737.7	743.5	737.6
80°	587.0	588.7	595.2	598.4	605.4	609.9	619.2	627.0	638.9	641.4	638.1
82.5°	461.5	461.9	467.7	470.3	479.4	486.0	497.7	503.9	511.3	510.1	509.2
85°	314.6	318.9	326.2	333.5	344.6	355.4	366.4	375.6	369.1	379.3	367.9
87.5°	168.2	167.7	177.5	176.0	191.7	200.7	210.3	214.9	220.0	219.0	219.1
90°	62.5	59.2	58.6	55.1	55.2	51.5	52.4	48.9	50.3	46.2	52.2
92.5°	67.5	64.6	61.5	58.6	55.5	52.5	49.4	46.3	43.3	40.3	43.3
95°	82.5	79.7	77.0	74.1	71.3	68.6	65.7	62.9	60.2	57.4	60.9
97.5°	101.8	100.2	98.5	97.0	95.3	93.7	92.0	90.5	88.7	87.1	89.4
100°	115.0	115.0	115.0	115.0	114.7	114.7	114.7	114.7	114.7	114.7	116.5
102.5°	219.8	214.5	209.1	203.7	198.4	193.0	187.6	182.3	177.0	171.6	179.5
105°	496.3	475.4	454.4	433.5	412.5	391.6	370.7	349.8	328.9	308.0	329.7
107.5°	921.2	883.0	844.9	806.8	768.6	730.6	692.5	654.4	616.4	578.3	612.4
110°	1285.5	1245.0	1204.6	1164.1	1123.7	1083.2	1042.8	1002.4	962.1	921.6	954.1



TEST NUMBER: P1444536
 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	1432.9	1406.5	1380.4	1354.4	1328.3	1302.2	1276.1	1250.1	1224.1	1198.2	1214.0
115°	1413.1	1400.7	1388.2	1375.8	1363.3	1350.9	1338.5	1326.1	1313.8	1301.5	1302.5
117.5°	1295.8	1291.4	1287.3	1283.1	1278.9	1274.9	1270.8	1266.9	1262.8	1259.0	1250.1
120°	1126.5	1127.8	1128.9	1130.3	1131.7	1133.2	1134.6	1136.1	1137.8	1139.4	1127.6
122.5°	959.7	962.6	965.6	968.8	972.0	975.2	978.5	982.0	985.5	989.0	977.2
125°	814.5	817.4	820.4	823.4	826.3	829.7	833.0	836.5	839.9	843.5	833.5
127.5°	709.8	710.7	711.6	712.8	713.8	715.3	716.6	718.1	719.7	721.5	715.2
130°	643.1	642.1	640.8	639.9	638.7	638.0	637.2	636.7	636.1	635.7	632.9
132.5°	604.7	602.0	599.4	596.8	594.4	592.1	589.9	588.0	586.0	584.3	583.4
135°	583.3	579.7	576.1	572.8	569.3	566.2	563.0	560.2	557.3	554.6	555.1
137.5°	568.7	565.2	561.6	558.2	554.7	551.8	548.6	545.6	542.9	540.3	541.2
140°	562.9	559.3	555.7	552.5	549.2	546.0	542.9	540.2	537.2	534.6	535.2
142.5°	554.8	551.9	548.5	545.5	542.4	539.6	536.9	534.4	531.4	529.3	530.0
145°	548.8	546.6	544.2	541.7	539.6	537.7	535.3	533.5	531.6	530.2	530.5
147.5°	540.6	539.0	537.0	535.4	533.6	532.1	530.6	529.3	527.9	526.7	526.8
150°	529.5	528.4	527.2	526.1	525.0	524.1	523.1	522.2	521.4	520.6	520.5
152.5°	517.7	516.7	515.6	514.7	513.7	512.8	512.0	511.2	510.5	509.7	509.6
155°	503.6	503.1	502.7	502.4	501.9	501.7	501.2	501.2	500.8	500.7	500.8
157.5°	495.4	495.4	495.1	495.2	495.1	495.1	494.9	495.2	495.0	495.2	495.5
160°	491.1	490.9	490.5	490.4	490.2	489.9	489.8	489.8	489.6	489.5	489.9
162.5°	486.7	487.0	487.1	487.4	487.7	487.9	488.3	488.8	489.0	489.4	489.8
165°	487.2	487.1	487.0	486.9	487.0	486.9	487.0	487.2	487.2	487.4	488.0
167.5°	486.1	486.4	486.6	486.8	487.1	487.7	488.0	488.5	489.1	489.7	490.1
170°	488.9	488.9	488.9	488.9	488.9	489.1	489.2	489.3	489.5	489.8	490.0
172.5°	493.4	493.4	493.2	493.4	493.2	493.4	493.4	493.5	493.5	493.6	493.8
175°	494.8	495.2	495.5	495.8	495.9	496.2	496.3	496.5	496.8	497.1	497.1
177.5°	497.3	497.4	497.4	497.4	497.4	497.5	497.5	497.5	497.5	497.4	497.6
180°	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0



TEST NUMBER: P1444536
 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6
2.5°	30530.0	30514.7	30530.3	30514.5	30530.3	30511.3	30524.2	30503.7	30508.9	30487.6	30493.0
5°	31684.4	31660.0	31673.0	31641.3	31644.7	31602.4	31601.7	31552.5	31539.5	31483.6	31458.9
7.5°	32617.8	32609.9	32614.3	32594.0	32591.7	32562.9	32549.1	32508.5	32482.9	32431.3	32396.1
10°	32470.1	32493.9	32500.0	32524.3	32529.3	32553.4	32558.4	32582.4	32587.4	32605.2	32605.4
12.5°	30992.2	31073.0	31092.3	31192.1	31234.2	31348.4	31409.6	31535.4	31610.2	31735.7	31812.8
15°	28145.1	28284.9	28340.6	28535.5	28643.4	28870.9	29013.8	29275.1	29459.5	29736.9	29934.9
17.5°	24226.6	24421.9	24510.1	24774.4	24946.8	25282.7	25524.7	25923.1	26228.0	26670.8	27021.7
20°	19881.3	20098.4	20218.0	20519.6	20723.0	21115.4	21417.6	21907.1	22315.3	22876.3	23356.1
22.5°	15677.5	15884.1	16017.0	16323.8	16552.8	16962.1	17299.8	17816.5	18273.9	18906.0	19481.2
25°	12037.4	12226.7	12346.8	12624.3	12839.4	13215.4	13537.9	14034.9	14482.4	15116.5	15706.3
27.5°	9202.4	9361.0	9476.8	9713.4	9903.1	10222.0	10499.0	10909.7	11295.4	11843.9	12369.2
30°	7045.2	7185.8	7298.4	7504.5	7680.4	7956.9	8200.5	8545.5	8864.6	9301.1	9718.9
32.5°	5383.7	5504.7	5605.1	5785.4	5945.0	6194.0	6413.5	6715.9	6989.8	7360.0	7703.7
35°	4104.9	4343.0	4326.2	4574.9	4614.9	4793.6	4989.4	5253.8	5496.4	5811.1	6103.8
37.5°	3186.1	3253.0	3324.7	3434.7	3550.3	3712.9	3878.3	4201.3	4319.8	4557.7	4799.8
40°	2569.2	2614.5	2661.9	2736.2	2817.0	2931.6	3052.1	3206.1	3364.1	3557.0	3754.0
42.5°	2172.0	2197.6	2227.8	2271.5	2321.4	2394.0	2474.6	2579.1	2688.9	2824.7	2963.3
45°	1940.6	1928.5	1937.4	1960.9	1990.9	2035.0	2085.9	2150.6	2222.1	2310.1	2403.7
47.5°	1724.9	1729.8	1732.4	1745.2	1761.3	1790.9	1821.7	1865.6	1950.5	1976.3	2027.4
50°	1582.3	1584.7	1584.0	1590.4	1598.6	1617.8	1637.8	1667.6	1697.2	1736.6	1774.1
52.5°	1462.9	1466.3	1465.8	1470.0	1474.4	1486.6	1499.2	1520.3	1539.7	1564.7	1586.3
55°	1368.6	1373.2	1374.9	1378.5	1380.6	1387.0	1392.1	1402.1	1410.4	1424.6	1437.7
57.5°	1296.1	1302.3	1305.2	1306.5	1303.8	1303.6	1301.9	1304.0	1305.7	1313.3	1320.6
60°	1239.0	1244.0	1244.8	1244.0	1239.3	1236.0	1230.5	1228.9	1228.0	1231.7	1235.7
62.5°	1179.2	1181.0	1179.7	1178.3	1172.9	1169.7	1164.1	1162.1	1160.2	1162.8	1164.9
65°	1096.4	1098.0	1096.4	1095.6	1090.8	1088.2	1083.6	1082.0	1079.3	1080.0	1079.5
67.5°	1029.3	1030.9	1029.6	1028.4	1025.1	1023.5	1020.0	1017.8	1014.6	1013.4	1011.1
70°	962.3	963.6	961.7	960.5	956.7	955.3	952.0	951.3	948.8	948.2	945.6
72.5°	885.4	885.5	882.8	882.1	879.3	879.2	877.8	879.1	878.9	880.2	879.6
75°	806.6	805.5	802.2	801.6	799.5	800.4	799.0	800.9	801.1	804.0	804.4
77.5°	727.7	723.5	717.2	714.2	710.0	709.4	707.0	708.6	708.0	711.4	712.8
80°	628.0	623.0	614.8	611.0	605.9	605.1	602.9	605.1	604.0	608.0	610.7
82.5°	501.4	497.0	488.6	485.4	479.7	480.2	477.7	480.2	479.9	485.7	489.0
85°	370.9	368.0	359.2	351.6	343.0	337.9	333.0	332.1	330.6	333.0	335.0
87.5°	214.2	211.6	204.7	200.2	185.2	185.9	180.0	179.6	178.1	176.8	180.0
90°	52.4	57.6	58.0	62.9	63.8	69.2	70.5	75.7	76.7	82.1	83.8
92.5°	46.3	49.4	52.4	55.5	58.5	61.5	64.5	67.5	74.0	80.2	87.0
95°	64.4	67.9	71.4	74.8	78.2	81.7	85.2	88.7	98.2	107.7	117.2
97.5°	91.8	94.1	96.4	98.7	101.0	103.4	105.7	108.0	118.3	128.6	138.8
100°	118.4	120.2	122.1	124.0	125.9	127.7	129.5	131.4	151.5	171.1	190.9
102.5°	187.4	195.3	203.2	211.1	219.1	227.0	234.9	242.8	288.2	333.5	378.7
105°	351.2	372.8	394.5	416.1	437.7	459.3	480.9	502.6	575.1	647.5	720.2
107.5°	646.5	680.7	714.8	748.9	783.1	817.3	851.4	885.7	956.3	1027.2	1097.9
110°	986.6	1019.2	1051.7	1084.3	1116.8	1149.4	1182.0	1214.7	1257.2	1299.6	1342.0



TEST NUMBER: P1444536
 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	1229.9	1245.6	1261.5	1277.4	1293.3	1309.3	1325.2	1341.2	1362.4	1383.6	1404.8
115°	1303.5	1304.4	1305.5	1306.7	1307.7	1308.8	1310.2	1311.3	1318.1	1324.6	1331.4
117.5°	1241.4	1232.7	1224.0	1215.5	1206.9	1198.5	1190.0	1181.7	1180.2	1178.9	1177.6
120°	1116.0	1104.4	1092.8	1080.9	1069.6	1058.0	1046.8	1035.6	1029.7	1023.8	1018.2
122.5°	965.5	954.0	942.5	930.8	919.5	908.2	897.1	885.9	881.9	877.7	873.7
125°	823.7	814.0	804.4	794.9	785.5	776.2	767.0	757.9	757.6	757.2	757.1
127.5°	709.4	703.4	697.5	691.9	686.4	680.8	675.4	669.9	672.4	674.9	677.3
130°	630.3	627.6	625.3	622.7	620.7	618.4	616.3	614.3	618.7	622.9	627.3
132.5°	583.1	582.5	582.4	582.1	582.1	582.1	582.3	582.2	587.3	592.1	597.3
135°	555.8	556.4	557.4	558.3	559.7	560.6	562.0	563.1	568.0	572.6	577.6
137.5°	542.4	543.5	544.8	546.3	547.9	549.5	551.2	552.8	556.7	560.4	564.1
140°	536.3	537.1	538.3	539.5	540.8	541.9	543.5	544.7	548.0	550.8	553.8
142.5°	531.1	531.6	532.8	534.0	535.2	536.3	537.7	538.8	541.0	543.2	545.7
145°	531.2	531.7	532.7	533.3	534.3	535.1	536.2	537.1	538.5	539.8	541.2
147.5°	527.3	527.6	528.2	528.7	529.4	530.0	530.5	531.1	532.0	532.9	533.8
150°	520.7	520.8	521.1	521.1	521.6	521.9	522.3	522.5	523.3	524.1	525.0
152.5°	509.9	509.9	510.1	510.2	510.5	510.8	510.9	511.3	512.1	512.6	513.4
155°	501.1	501.6	502.0	502.4	502.9	503.1	503.7	504.0	504.6	505.0	505.6
157.5°	495.9	496.2	496.6	496.9	497.4	497.8	498.3	498.6	499.2	499.5	499.9
160°	490.6	491.2	491.8	492.5	493.1	493.6	494.4	495.1	495.5	495.9	496.3
162.5°	490.2	490.6	491.1	491.4	491.9	492.3	492.7	493.1	493.8	494.4	495.1
165°	488.7	489.3	490.0	490.5	491.3	491.9	492.6	493.1	493.5	493.9	494.3
167.5°	490.8	491.2	492.1	492.7	493.3	493.9	494.6	495.2	495.6	495.9	496.3
170°	490.7	491.2	491.9	492.4	493.0	493.4	494.1	494.6	495.2	495.8	496.3
172.5°	494.4	494.8	495.3	495.6	496.2	496.6	497.1	497.5	498.0	498.5	499.0
175°	497.1	497.1	497.2	497.3	497.5	497.5	497.6	497.8	497.9	498.0	498.1
177.5°	497.9	498.1	498.3	498.6	498.8	499.0	499.3	499.5	499.5	499.5	499.5
180°	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0



TEST NUMBER: P1444536
 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6
2.5°	30471.7	30473.0	30448.4	30447.1	30424.1	30421.2	30398.8	30391.9	30373.6	30367.1	30348.5
5°	31396.2	31366.2	31297.1	31256.4	31188.0	31142.7	31068.8	31020.5	30949.1	30895.2	30823.4
7.5°	32331.2	32284.7	32207.0	32144.1	32049.2	31973.5	31862.5	31771.5	31651.3	31547.3	31421.0
10°	32605.4	32598.2	32578.5	32549.7	32505.5	32455.9	32380.4	32301.5	32196.2	32081.7	31941.4
12.5°	31930.7	32003.6	32102.9	32161.8	32233.4	32264.8	32294.2	32286.8	32267.5	32209.6	32128.5
15°	30221.5	30426.2	30697.3	30907.4	31149.1	31324.7	31518.8	31639.7	31760.3	31816.0	31850.0
17.5°	27502.5	27890.2	28376.3	28779.1	29243.9	29617.2	30026.5	30334.6	30651.3	30878.3	31083.6
20°	24010.0	24571.7	25259.2	25866.6	26572.7	27186.5	27859.0	28411.1	28980.5	29425.7	29847.1
22.5°	20221.8	20888.9	21720.1	22490.1	23400.4	24218.7	25141.9	25945.3	26784.2	27485.0	28162.7
25°	16496.8	17228.3	18137.1	18996.2	20027.3	20979.1	22073.9	23075.2	24159.5	25100.9	26030.9
27.5°	13095.3	13813.5	14741.3	15655.8	16746.1	17760.2	18933.3	20036.6	21271.1	22409.7	23574.3
30°	10299.6	10908.7	11740.6	12626.4	13701.8	14733.8	15919.5	17054.3	18338.5	19581.7	20893.5
32.5°	8160.0	8624.1	9278.2	10027.1	11019.3	12001.8	13130.8	14226.2	15490.9	16746.7	18111.1
35°	6480.6	6842.5	7341.2	7925.7	8765.9	9612.7	10611.4	11607.6	12787.5	13979.1	15305.3
37.5°	5110.3	5404.0	5794.5	6233.6	6907.6	7602.5	8421.4	9247.3	10272.5	11328.8	12530.6
40°	3990.6	4228.3	4532.4	4859.8	5368.8	5904.2	6537.6	7178.0	8001.7	8864.9	9859.6
42.5°	3134.9	3310.4	3525.2	3764.4	4239.2	4523.5	4952.9	5416.1	6021.7	6648.4	7396.2
45°	2517.6	2637.3	2786.2	2946.7	3167.1	3408.2	3702.4	4010.7	4586.1	4868.3	5323.0
47.5°	2102.4	2182.8	2277.5	2378.7	2508.7	2648.9	2823.3	3001.7	3232.3	3471.3	3751.7
50°	1822.9	1904.5	1937.0	1989.5	2064.7	2144.8	2243.1	2341.4	2465.2	2590.5	2734.8
52.5°	1615.3	1642.0	1677.3	1710.6	1757.2	1848.5	1878.0	1929.4	1998.8	2066.6	2142.4
55°	1456.9	1474.2	1497.2	1517.4	1545.5	1572.4	1611.3	1645.5	1691.8	1732.7	1782.9
57.5°	1333.5	1344.6	1360.6	1373.8	1392.0	1407.1	1429.9	1448.5	1475.1	1498.3	1528.7
60°	1243.8	1251.3	1262.0	1270.6	1282.2	1290.2	1301.4	1310.2	1324.2	1335.9	1352.9
62.5°	1170.7	1174.5	1181.5	1186.5	1193.9	1198.0	1204.0	1207.8	1215.5	1221.4	1230.9
65°	1082.9	1083.7	1088.4	1090.5	1096.3	1098.5	1103.4	1105.2	1111.6	1115.9	1124.3
67.5°	1010.9	1008.9	1009.0	1007.3	1008.1	1006.4	1006.9	1005.1	1007.6	1009.0	1015.4
70°	945.2	942.4	941.5	938.5	937.5	934.4	933.6	930.7	930.4	929.6	931.8
72.5°	881.1	880.3	880.6	878.5	878.3	876.1	876.2	874.9	876.3	877.0	879.9
75°	807.5	807.7	809.1	807.3	807.8	806.0	806.7	805.1	805.9	805.6	808.5
77.5°	717.9	720.0	723.9	723.1	724.4	722.4	723.2	720.9	721.6	720.0	721.1
80°	617.1	621.5	626.8	626.6	628.8	627.3	629.4	627.2	628.0	625.3	624.6
82.5°	497.4	501.2	506.8	507.0	512.0	512.8	518.3	518.1	521.6	519.3	517.8
85°	340.0	342.7	347.5	350.2	355.3	358.4	363.6	365.7	362.0	368.8	363.4
87.5°	177.5	184.1	180.4	189.1	187.0	195.8	193.9	202.0	200.3	207.3	206.4
90°	90.5	92.7	99.7	102.1	110.1	113.3	115.0	111.2	112.7	109.1	110.7
92.5°	93.2	100.1	106.6	113.1	119.6	126.1	120.0	114.0	107.9	102.0	95.9
95°	126.7	136.3	145.8	155.3	164.8	174.3	164.2	154.0	143.8	133.6	123.3
97.5°	148.9	159.2	169.4	179.6	189.9	200.1	188.0	176.0	163.9	151.9	139.8
100°	210.6	230.5	250.2	269.9	289.7	309.5	287.1	264.5	242.1	219.6	197.0
102.5°	424.3	469.5	514.9	560.2	605.5	650.9	603.2	555.7	507.8	460.1	412.3
105°	792.8	865.3	937.8	1010.3	1082.9	1155.7	1078.2	1000.8	923.4	846.1	768.6
107.5°	1168.7	1239.3	1310.2	1380.9	1451.7	1522.7	1444.2	1365.6	1287.2	1208.6	1130.1
110°	1384.6	1427.1	1469.7	1512.2	1554.7	1597.4	1540.0	1482.8	1425.5	1368.1	1310.8



TEST NUMBER: P1444536
 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	1426.0	1447.4	1468.6	1490.1	1511.3	1532.7	1491.7	1450.8	1409.6	1368.8	1327.7
115°	1338.2	1344.9	1351.7	1358.6	1365.2	1372.1	1344.5	1316.8	1289.2	1261.5	1233.7
117.5°	1176.3	1175.3	1173.8	1172.8	1171.4	1170.2	1154.8	1139.3	1123.7	1108.2	1092.6
120°	1012.3	1006.6	1000.8	995.1	989.3	983.5	976.9	970.4	963.6	957.0	950.2
122.5°	869.7	865.7	861.6	857.7	853.5	849.4	846.8	844.3	841.5	839.0	836.2
125°	756.9	756.6	756.3	756.1	755.7	755.5	754.1	752.8	751.4	750.1	748.4
127.5°	679.6	682.1	684.4	686.8	689.0	691.3	690.9	690.6	690.1	689.7	689.2
130°	631.4	636.0	640.0	644.3	648.3	652.7	651.7	650.9	650.1	649.3	648.5
132.5°	602.2	607.1	612.0	617.1	621.7	626.7	625.6	624.7	623.5	622.6	621.4
135°	582.2	586.9	591.4	596.2	600.6	605.1	603.8	602.7	601.3	600.2	598.8
137.5°	567.7	571.7	575.3	578.9	582.4	586.0	584.6	583.5	582.0	581.0	579.5
140°	556.7	559.7	562.4	565.4	568.1	571.0	569.4	567.8	566.2	564.6	563.0
142.5°	547.7	550.0	551.9	554.1	556.2	558.3	555.9	553.8	551.7	549.6	547.4
145°	542.6	544.2	545.4	546.8	547.7	549.2	546.7	544.3	541.6	539.3	536.7
147.5°	534.6	535.5	536.0	536.9	537.4	538.2	535.8	533.5	531.2	528.6	526.3
150°	525.4	526.4	527.0	527.6	528.2	528.9	526.4	524.0	521.4	518.9	516.5
152.5°	514.2	514.8	515.5	515.9	516.6	517.1	514.7	512.5	510.1	507.7	505.3
155°	505.9	506.3	506.6	507.0	507.1	507.5	505.4	503.6	501.6	499.7	497.6
157.5°	500.2	500.7	501.0	501.3	501.5	501.8	500.3	498.9	497.3	495.9	494.2
160°	496.6	496.9	497.3	497.5	497.8	498.0	496.7	495.6	494.3	493.0	491.5
162.5°	495.7	496.3	496.8	497.2	497.8	498.3	496.7	495.3	493.8	492.3	490.6
165°	494.6	495.0	495.3	495.7	495.8	496.1	495.0	494.1	493.0	492.0	490.9
167.5°	496.5	496.9	497.2	497.5	497.6	497.8	496.8	496.0	494.8	493.7	492.6
170°	496.6	497.2	497.7	498.1	498.6	498.9	498.1	497.3	496.3	495.6	494.6
172.5°	499.4	499.8	500.0	500.5	500.8	501.2	500.3	499.5	498.6	497.7	496.7
175°	498.1	498.3	498.5	498.5	498.5	498.6	497.9	497.2	496.5	495.9	495.1
177.5°	499.5	499.5	499.5	499.4	499.4	499.4	498.9	498.4	498.0	497.5	496.9
180°	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0



TEST NUMBER: P1444536
 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6	30152.6
2.5°	30341.9	30328.8	30320.2	30309.5	30302.9	30294.4	30288.3	30283.1	30278.8	30274.9	30272.0
5°	30768.6	30700.8	30648.1	30591.1	30544.3	30497.7	30461.6	30431.8	30411.3	30395.8	30386.6
7.5°	31311.8	31187.6	31077.3	30961.0	30856.9	30754.4	30666.1	30590.1	30533.0	30495.9	30473.5
10°	31797.0	31630.8	31466.4	31293.3	31129.4	30970.2	30823.4	30694.2	30591.9	30523.9	30484.3
12.5°	32014.3	31872.8	31704.9	31517.1	31316.0	31112.7	30914.4	30735.6	30585.6	30484.9	30426.8
15°	31822.8	31764.8	31650.8	31505.0	31314.3	31104.0	30871.2	30652.4	30451.1	30320.6	30245.0
17.5°	31199.9	31281.0	31272.3	31216.5	31079.3	30902.4	30665.1	30419.4	30167.6	29993.2	29897.9
20°	30148.5	30403.5	30533.0	30599.3	30545.5	30430.7	30215.9	29966.5	29673.0	29445.2	29306.3
22.5°	28671.1	29121.3	29401.9	29607.2	29650.8	29611.6	29422.1	29184.8	28857.7	28583.9	28378.7
25°	26769.1	27428.8	27872.2	28219.8	28354.8	28389.7	28228.4	27992.5	27627.8	27308.9	27026.9
27.5°	24528.9	25386.0	25978.1	26445.1	26656.0	26747.5	26598.9	26358.3	25926.9	25546.1	25177.8
30°	22006.8	23023.7	23736.6	24296.6	24553.7	24674.5	24516.7	24248.1	23746.1	23288.0	22823.9
32.5°	19307.4	20420.2	21197.0	21805.2	22059.9	22173.6	21967.1	21665.4	21085.3	20545.5	20004.4
35°	16481.2	17604.3	18387.7	18979.7	19193.2	19261.7	18997.8	18649.0	18006.2	17413.8	16823.8
37.5°	13597.4	14642.3	15354.3	15885.7	16017.7	16029.6	15711.5	15326.4	14650.8	14066.6	13479.3
40°	10738.5	11619.7	12194.6	12619.9	12665.8	12624.8	12279.1	11891.4	11259.3	10736.0	10220.5
42.5°	8045.6	8710.8	9120.9	9412.4	9395.0	9314.3	8997.2	8664.0	8142.6	7744.0	7338.2
45°	5738.5	6177.2	6416.9	6587.5	6532.7	6455.7	6209.0	5975.5	5621.1	5363.6	5091.0
47.5°	3986.6	4510.4	4419.2	4752.7	4465.4	4655.1	4260.0	4042.2	3854.1	3717.3	3563.3
50°	2854.1	2974.1	3032.1	3071.7	3050.6	3021.4	2950.5	2887.0	2801.1	2738.5	2665.6
52.5°	2204.1	2264.2	2297.0	2320.8	2316.1	2305.5	2274.5	2246.2	2206.1	2179.5	2147.6
55°	1867.0	1867.9	1928.4	1902.4	1940.7	1895.8	1913.4	1863.7	1871.8	1829.1	1800.4
57.5°	1551.4	1576.0	1587.1	1597.7	1594.7	1592.9	1580.9	1574.9	1561.4	1557.2	1547.6
60°	1364.6	1377.5	1380.3	1385.1	1381.0	1379.4	1370.1	1366.7	1357.7	1355.9	1349.6
62.5°	1236.7	1243.2	1243.2	1243.2	1237.8	1232.7	1222.3	1216.9	1209.1	1207.5	1203.8
65°	1129.8	1136.6	1137.8	1139.2	1135.2	1131.3	1122.0	1116.1	1108.2	1105.2	1100.9
67.5°	1019.5	1026.7	1029.3	1032.9	1030.7	1029.8	1023.6	1021.3	1016.1	1014.8	1010.9
70°	932.9	935.9	935.7	935.6	930.6	926.3	919.0	915.5	910.1	908.9	905.4
72.5°	881.4	883.5	882.2	880.2	873.9	867.4	858.9	852.7	845.5	841.0	836.0
75°	808.9	811.7	809.8	808.7	802.9	798.7	791.9	788.4	783.4	781.9	778.4
77.5°	719.7	721.1	718.2	717.9	713.5	710.8	705.7	704.8	701.1	701.2	697.8
80°	620.7	619.9	615.2	614.3	609.9	608.8	604.8	605.0	602.1	603.3	601.0
82.5°	510.7	507.9	501.8	499.9	494.9	494.5	491.8	494.0	492.3	494.9	493.3
85°	365.9	366.8	364.1	364.1	362.6	363.0	362.8	364.5	364.8	367.2	367.1
87.5°	204.0	206.9	206.4	209.1	209.0	212.0	213.0	217.5	218.1	222.1	222.1
90°	107.1	109.1	105.4	107.5	105.9	109.4	108.5	112.0	110.6	113.4	111.0
92.5°	89.9	83.8	77.9	71.8	68.7	65.4	62.8	59.3	56.6	53.3	50.2
95°	113.2	103.0	92.7	82.5	79.0	75.4	71.9	68.5	65.1	61.6	58.1
97.5°	127.8	115.7	103.7	91.5	88.5	85.5	82.4	79.4	76.3	73.3	70.3
100°	174.5	152.0	129.5	106.9	104.4	101.8	99.3	96.8	94.2	91.5	89.0
102.5°	364.6	316.7	268.9	221.1	212.1	202.9	193.9	184.8	175.7	166.7	157.7
105°	691.1	613.6	536.2	458.6	434.0	409.4	384.8	360.1	335.5	310.9	286.3
107.5°	1051.5	972.7	894.2	815.5	770.1	724.6	679.0	633.5	588.1	542.5	496.9
110°	1253.4	1196.0	1138.5	1080.9	1044.5	1007.8	971.1	934.4	898.0	861.1	824.4



TEST NUMBER: P1444536
 CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1286.6	1245.5	1204.4	1163.1	1146.6	1129.8	1113.3	1096.6	1080.1	1063.2	1046.7
115°	1205.9	1178.2	1150.4	1122.3	1116.7	1110.7	1104.9	1098.9	1093.0	1086.9	1080.9
117.5°	1077.1	1061.2	1045.6	1029.9	1030.9	1031.8	1032.8	1033.6	1034.5	1035.2	1036.0
120°	943.5	936.8	930.1	923.3	928.3	933.3	938.3	943.1	947.9	952.6	957.3
122.5°	833.7	830.8	828.2	825.3	831.5	837.5	843.5	849.3	855.1	860.6	866.5
125°	747.2	745.6	744.3	742.6	748.8	754.8	760.9	766.7	772.6	778.2	783.8
127.5°	688.8	688.3	687.9	687.4	691.8	696.0	700.2	704.1	708.3	712.0	715.8
130°	647.6	646.7	646.0	645.0	649.0	652.7	656.6	660.1	663.8	667.0	670.4
132.5°	620.5	619.3	618.4	617.2	620.2	622.7	625.5	627.7	630.4	632.4	634.6
135°	597.7	596.2	595.1	593.6	596.2	598.7	601.3	603.4	605.7	607.6	609.6
137.5°	578.4	576.9	575.7	574.2	576.6	578.9	580.9	582.9	584.9	586.8	588.4
140°	561.5	559.8	558.3	556.6	558.6	560.6	562.6	564.2	566.2	567.5	569.0
142.5°	545.3	542.9	541.1	538.7	540.3	541.6	543.0	544.2	545.5	546.5	547.4
145°	534.3	531.5	529.2	526.7	527.8	528.8	530.0	531.1	531.8	532.5	533.4
147.5°	524.0	521.5	519.0	516.6	517.6	518.4	518.9	519.5	520.4	520.9	521.3
150°	514.0	511.3	508.8	506.1	506.9	507.5	508.0	508.7	509.3	509.6	510.0
152.5°	502.9	500.5	498.0	495.5	496.1	496.5	496.9	497.3	497.8	498.2	498.5
155°	495.7	493.5	491.5	489.3	489.9	490.2	490.4	490.8	491.1	491.4	491.5
157.5°	492.6	490.8	489.4	487.5	487.6	487.8	487.8	487.7	487.8	487.7	487.6
160°	490.2	488.8	487.3	485.9	485.9	486.0	486.0	485.8	485.8	485.6	485.4
162.5°	489.0	487.4	485.7	483.9	483.9	484.1	484.0	483.9	483.8	483.7	483.5
165°	489.9	488.6	487.4	486.1	486.0	485.7	485.6	485.1	484.9	484.5	484.1
167.5°	491.4	490.2	489.0	487.6	487.7	487.8	487.8	487.8	487.7	487.6	487.5
170°	493.7	492.7	491.8	490.7	490.5	490.4	490.1	489.9	489.6	489.4	489.1
172.5°	495.8	494.8	493.8	492.7	492.7	492.5	492.3	492.2	491.9	491.6	491.5
175°	494.3	493.6	492.8	492.1	491.9	491.8	491.7	491.6	491.4	491.3	491.0
177.5°	496.4	496.1	495.4	494.9	494.7	494.7	494.6	494.5	494.5	494.4	494.3
180°	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0



TEST NUMBER: P1444536
CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	30152.6	30152.6
2.5°	30269.3	30267.8
5°	30381.9	30380.0
7.5°	30467.4	30466.9
10°	30477.5	30482.7
12.5°	30416.7	30421.0
15°	30239.2	30247.4
17.5°	29899.6	29910.5
20°	29314.7	29326.1
22.5°	28367.6	28372.3
25°	26990.4	26971.0
27.5°	25113.1	25079.4
30°	22726.4	22694.0
32.5°	19881.0	19860.6
35°	16678.0	16665.2
37.5°	13305.7	13279.5
40°	10031.9	9955.7
42.5°	7160.5	7026.7
45°	4948.6	4790.0
47.5°	3454.6	3356.6
50°	2618.5	2586.8
52.5°	2133.6	2126.3
55°	1800.3	1797.0
57.5°	1549.7	1548.6
60°	1352.9	1352.6
62.5°	1206.2	1206.8
65°	1102.8	1103.0
67.5°	1011.9	1011.2
70°	906.7	905.9
72.5°	834.4	833.1
75°	778.4	777.6
77.5°	698.9	697.6
80°	602.5	601.0
82.5°	495.6	493.8
85°	369.6	369.8
87.5°	226.2	226.1
90°	113.7	110.8
92.5°	47.5	44.7
95°	54.6	51.1
97.5°	67.3	64.3
100°	86.4	83.9
102.5°	148.5	139.5
105°	261.7	237.1
107.5°	451.5	406.0
110°	787.7	751.1



TEST NUMBER: P1444536
CATALOG NUMBER: EHBR1-36-UNV-TA-L835-UPL40

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	1029.7	1013.1
115°	1074.6	1068.6
117.5°	1036.6	1037.1
120°	961.8	966.4
122.5°	871.7	877.2
125°	789.2	794.6
127.5°	719.4	722.9
130°	673.2	676.4
132.5°	636.5	638.2
135°	611.2	612.7
137.5°	589.6	591.1
140°	570.0	571.2
142.5°	548.2	549.0
145°	534.0	534.5
147.5°	521.3	521.7
150°	510.2	510.5
152.5°	498.5	498.8
155°	491.6	491.7
157.5°	487.3	487.2
160°	485.2	485.0
162.5°	483.4	483.2
165°	483.5	483.2
167.5°	487.3	487.2
170°	488.7	488.5
172.5°	491.2	490.9
175°	490.9	490.8
177.5°	494.3	494.1
180°	497.0	497.0

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-3

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L835-N

Data in this report applies to families of products including EHBR-60-L835-N

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-472-3
 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-L835-N**
 Description: Elevate Round Highbay at, 60000 lumens, 3500K 80CRI LEDs with N lens

Spectral Parameters

CCT (K): 3468
 CIE u': 0.2375
 CIE v': 0.5091
 Duv: -0.0021
 CIE x: 0.4049
 CIE y: 0.3856
 CIE z: 0.2095
 Peak Wavelength (nm): 630
 Dominant Wavelength (nm): 581
 Purity: 37.24544
 Rf: 80.1
 Rg: 101

CRI (Ra):	82.1		
R1:	82.9	R9:	27.6
R2:	85.6	R10:	63.8
R3:	85.9	R11:	81.2
R4:	82.8	R12:	57.2
R5:	81.0	R13:	82.6
R6:	79.7	R14:	91.0
R7:	86.5	R15:	79.4
R8:	72.1		



Test Conditions

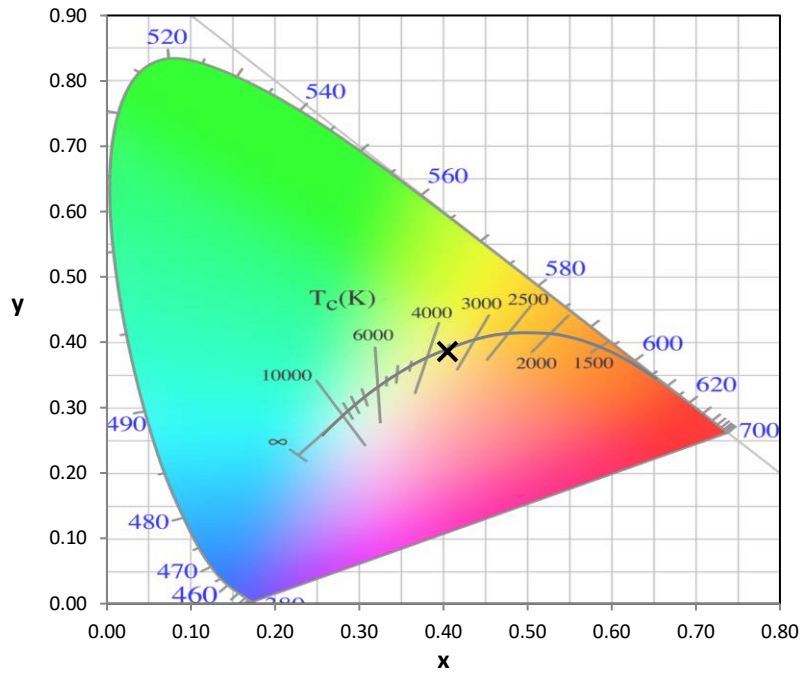
Stabilization Time: 39M
 Operation Time: 1H 39M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2506-472-3

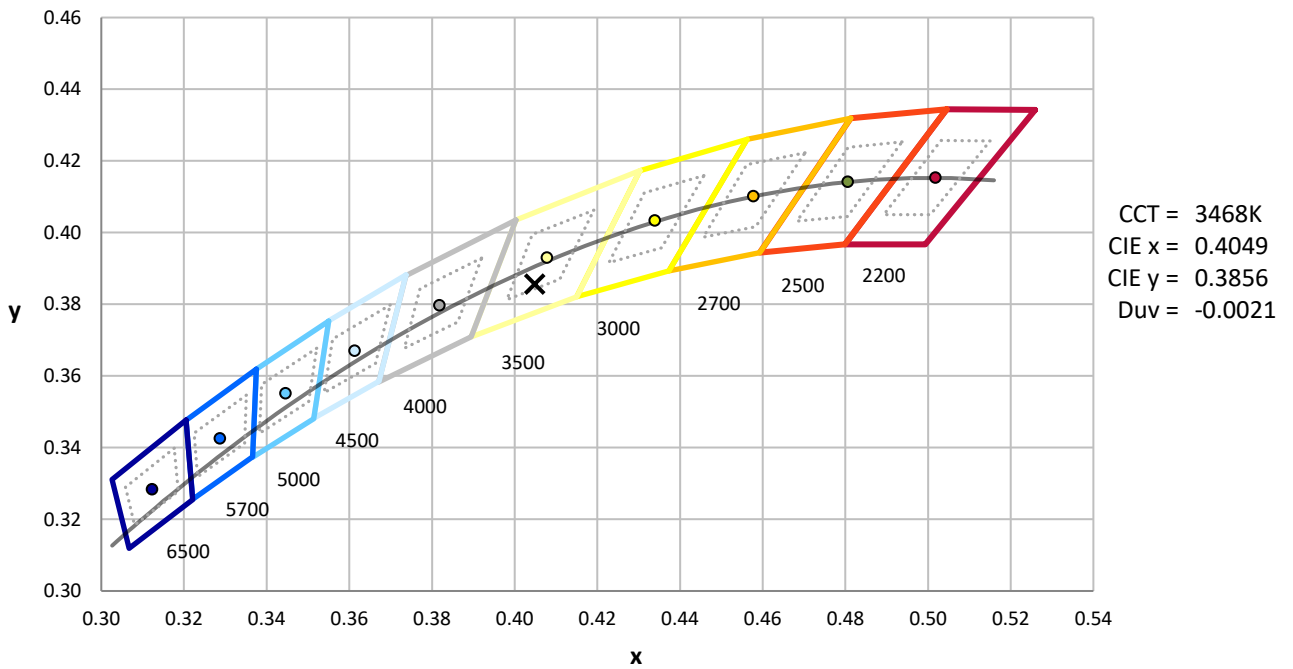
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	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: SP1-2506-472-3

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: SP1-2506-472-3

Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	60	NR	620	327	NR	750	7	NR	880	0	NR
365	0	NR	495	82	NR	625	322	NR	755	6	NR	885	0	NR
370	0	NR	500	114	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	152	NR	635	645	NR	765	4	NR	895	0	NR
380	0	NR	510	189	NR	640	197	NR	770	4	NR	900	0	NR
385	1	NR	515	222	NR	645	189	NR	775	3	NR	905	0	NR
390	2	NR	520	248	NR	650	163	NR	780	3	NR	910	0	NR
395	3	NR	525	268	NR	655	134	NR	785	2	NR	915	0	NR
400	4	NR	530	283	NR	660	113	NR	790	2	NR	920	0	NR
405	6	NR	535	294	NR	665	94	NR	795	2	NR	925	0	NR
410	9	NR	540	305	NR	670	87	NR	800	2	NR	930	0	NR
415	18	NR	545	314	NR	675	70	NR	805	1	NR	935	0	NR
420	34	NR	550	323	NR	680	60	NR	810	1	NR	940	0	NR
425	62	NR	555	335	NR	685	51	NR	815	1	NR	945	0	NR
430	102	NR	560	346	NR	690	44	NR	820	1	NR	950	0	NR
435	159	NR	565	356	NR	695	38	NR	825	1	NR	955	0	NR
440	241	NR	570	364	NR	700	32	NR	830	1	NR	960	0	NR
445	363	NR	575	371	NR	705	28	NR	835	1	NR	965	0	NR
450	389	NR	580	375	NR	710	24	NR	840	1	NR	970	0	NR
455	245	NR	585	375	NR	715	20	NR	845	0	NR	975	0	NR
460	158	NR	590	373	NR	720	17	NR	850	0	NR	980	0	NR
465	120	NR	595	364	NR	725	15	NR	855	0	NR	985	0	NR
470	79	NR	600	357	NR	730	13	NR	860	0	NR	990	0	NR
475	57	NR	605	349	NR	735	11	NR	865	0	NR	995	0	NR
480	51	NR	610	371	NR	740	9	NR	870	0	NR	1000	0	NR
485	51	NR	615	387	NR	745	8	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-3

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.43

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	60	NR	620	327	NR	750	7	NR	880	0	NR
365	0	NR	495	82	NR	625	322	NR	755	6	NR	885	0	NR
370	0	NR	500	114	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	152	NR	635	645	NR	765	4	NR	895	0	NR
380	0	NR	510	189	NR	640	197	NR	770	4	NR	900	0	NR
385	1	NR	515	222	NR	645	189	NR	775	3	NR	905	0	NR
390	2	NR	520	248	NR	650	163	NR	780	3	NR	910	0	NR
395	3	NR	525	268	NR	655	134	NR	785	2	NR	915	0	NR
400	4	NR	530	283	NR	660	113	NR	790	2	NR	920	0	NR
405	6	NR	535	294	NR	665	94	NR	795	2	NR	925	0	NR
410	9	NR	540	305	NR	670	87	NR	800	2	NR	930	0	NR
415	18	NR	545	314	NR	675	70	NR	805	1	NR	935	0	NR
420	34	NR	550	323	NR	680	60	NR	810	1	NR	940	0	NR
425	62	NR	555	335	NR	685	51	NR	815	1	NR	945	0	NR
430	102	NR	560	346	NR	690	44	NR	820	1	NR	950	0	NR
435	159	NR	565	356	NR	695	38	NR	825	1	NR	955	0	NR
440	241	NR	570	364	NR	700	32	NR	830	1	NR	960	0	NR
445	363	NR	575	371	NR	705	28	NR	835	1	NR	965	0	NR
450	389	NR	580	375	NR	710	24	NR	840	1	NR	970	0	NR
455	245	NR	585	375	NR	715	20	NR	845	0	NR	975	0	NR
460	158	NR	590	373	NR	720	17	NR	850	0	NR	980	0	NR
465	120	NR	595	364	NR	725	15	NR	855	0	NR	985	0	NR
470	79	NR	600	357	NR	730	13	NR	860	0	NR	990	0	NR
475	57	NR	605	349	NR	735	11	NR	865	0	NR	995	0	NR
480	51	NR	610	371	NR	740	9	NR	870	0	NR	1000	0	NR
485	51	NR	615	387	NR	745	8	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-3

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.75

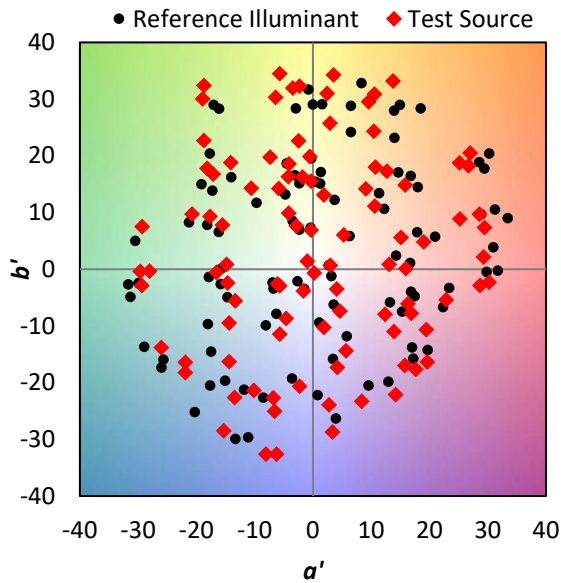
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	60	NR	620	327	NR	750	7	NR	880	0	NR
365	0	NR	495	82	NR	625	322	NR	755	6	NR	885	0	NR
370	0	NR	500	114	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	152	NR	635	645	NR	765	4	NR	895	0	NR
380	0	NR	510	189	NR	640	197	NR	770	4	NR	900	0	NR
385	1	NR	515	222	NR	645	189	NR	775	3	NR	905	0	NR
390	2	NR	520	248	NR	650	163	NR	780	3	NR	910	0	NR
395	3	NR	525	268	NR	655	134	NR	785	2	NR	915	0	NR
400	4	NR	530	283	NR	660	113	NR	790	2	NR	920	0	NR
405	6	NR	535	294	NR	665	94	NR	795	2	NR	925	0	NR
410	9	NR	540	305	NR	670	87	NR	800	2	NR	930	0	NR
415	18	NR	545	314	NR	675	70	NR	805	1	NR	935	0	NR
420	34	NR	550	323	NR	680	60	NR	810	1	NR	940	0	NR
425	62	NR	555	335	NR	685	51	NR	815	1	NR	945	0	NR
430	102	NR	560	346	NR	690	44	NR	820	1	NR	950	0	NR
435	159	NR	565	356	NR	695	38	NR	825	1	NR	955	0	NR
440	241	NR	570	364	NR	700	32	NR	830	1	NR	960	0	NR
445	363	NR	575	371	NR	705	28	NR	835	1	NR	965	0	NR
450	389	NR	580	375	NR	710	24	NR	840	1	NR	970	0	NR
455	245	NR	585	375	NR	715	20	NR	845	0	NR	975	0	NR
460	158	NR	590	373	NR	720	17	NR	850	0	NR	980	0	NR
465	120	NR	595	364	NR	725	15	NR	855	0	NR	985	0	NR
470	79	NR	600	357	NR	730	13	NR	860	0	NR	990	0	NR
475	57	NR	605	349	NR	735	11	NR	865	0	NR	995	0	NR
480	51	NR	610	371	NR	740	9	NR	870	0	NR	1000	0	NR
485	51	NR	615	387	NR	745	8	NR	875	0	NR			

Summary

$R_f = 80.1$
 $R_g = 101$
 $CIE R_a = 82.1$
 $R_9 = 27.6$

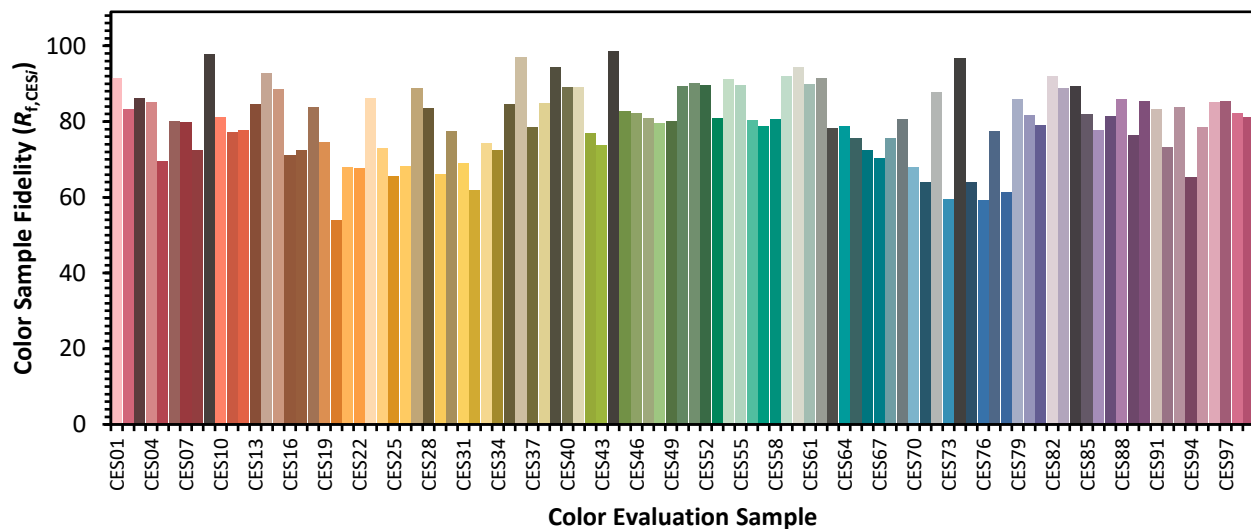


Color Vector Graphics

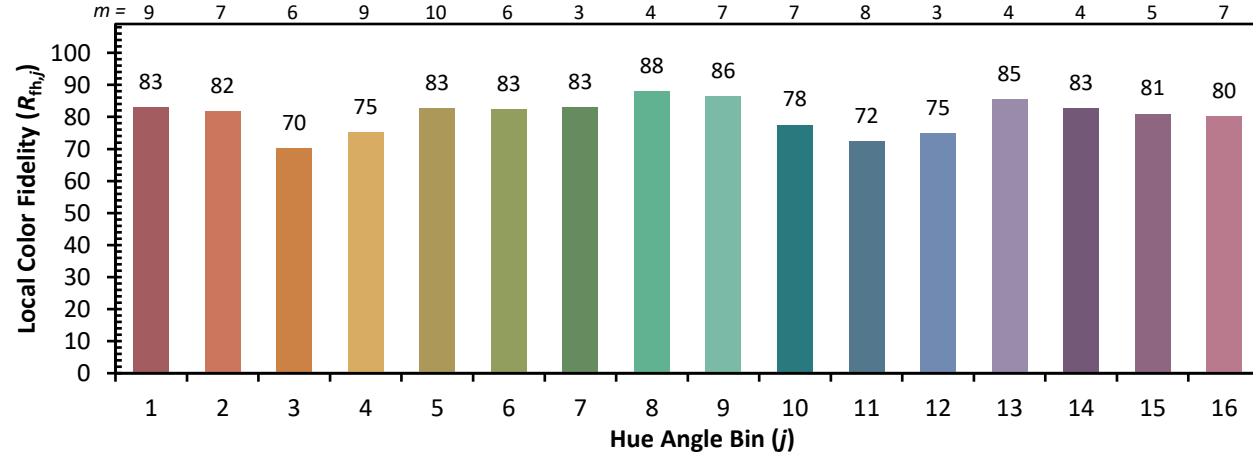


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 68	CES51 = 90	CES76 = 59
CES02 = 62	CES27 = 89	CES52 = 90	CES77 = 78
CES03 = 31	CES28 = 84	CES53 = 81	CES78 = 61
CES04 = 70	CES29 = 66	CES54 = 91	CES79 = 86
CES05 = 49	CES30 = 77	CES55 = 90	CES80 = 82
CES06 = 51	CES31 = 69	CES56 = 80	CES81 = 79
CES07 = 42	CES32 = 62	CES57 = 79	CES82 = 92
CES08 = 41	CES33 = 74	CES58 = 81	CES83 = 89
CES09 = 29	CES34 = 72	CES59 = 92	CES84 = 89
CES10 = 75	CES35 = 85	CES60 = 94	CES85 = 82
CES11 = 58	CES36 = 97	CES61 = 90	CES86 = 78
CES12 = 64	CES37 = 79	CES62 = 92	CES87 = 82
CES13 = 43	CES38 = 85	CES63 = 78	CES88 = 86
CES14 = 74	CES39 = 94	CES64 = 79	CES89 = 76
CES15 = 71	CES40 = 89	CES65 = 76	CES90 = 85
CES16 = 47	CES41 = 89	CES66 = 73	CES91 = 83
CES17 = 49	CES42 = 77	CES67 = 70	CES92 = 73
CES18 = 56	CES43 = 74	CES68 = 76	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 81	CES94 = 65
CES20 = 66	CES45 = 83	CES70 = 68	CES95 = 79
CES21 = 86	CES46 = 82	CES71 = 64	CES96 = 85
CES22 = 78	CES47 = 81	CES72 = 88	CES97 = 85
CES23 = 92	CES48 = 80	CES73 = 60	CES98 = 82
CES24 = 91	CES49 = 80	CES74 = 97	CES99 = 81
CES25 = 72	CES50 = 89	CES75 = 64	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)