

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: P1444639

Luminaire Tested: EHBR1-60-UNV-TA-L850-UPL36

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444639
REPORT IS A COMBINATION OF REPORTS P1444353 AND P1431635
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-60-UNV-TA-L850-UPL36
Description: Elevate Round Highbay at, 60000 lumens, 5000K 80CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

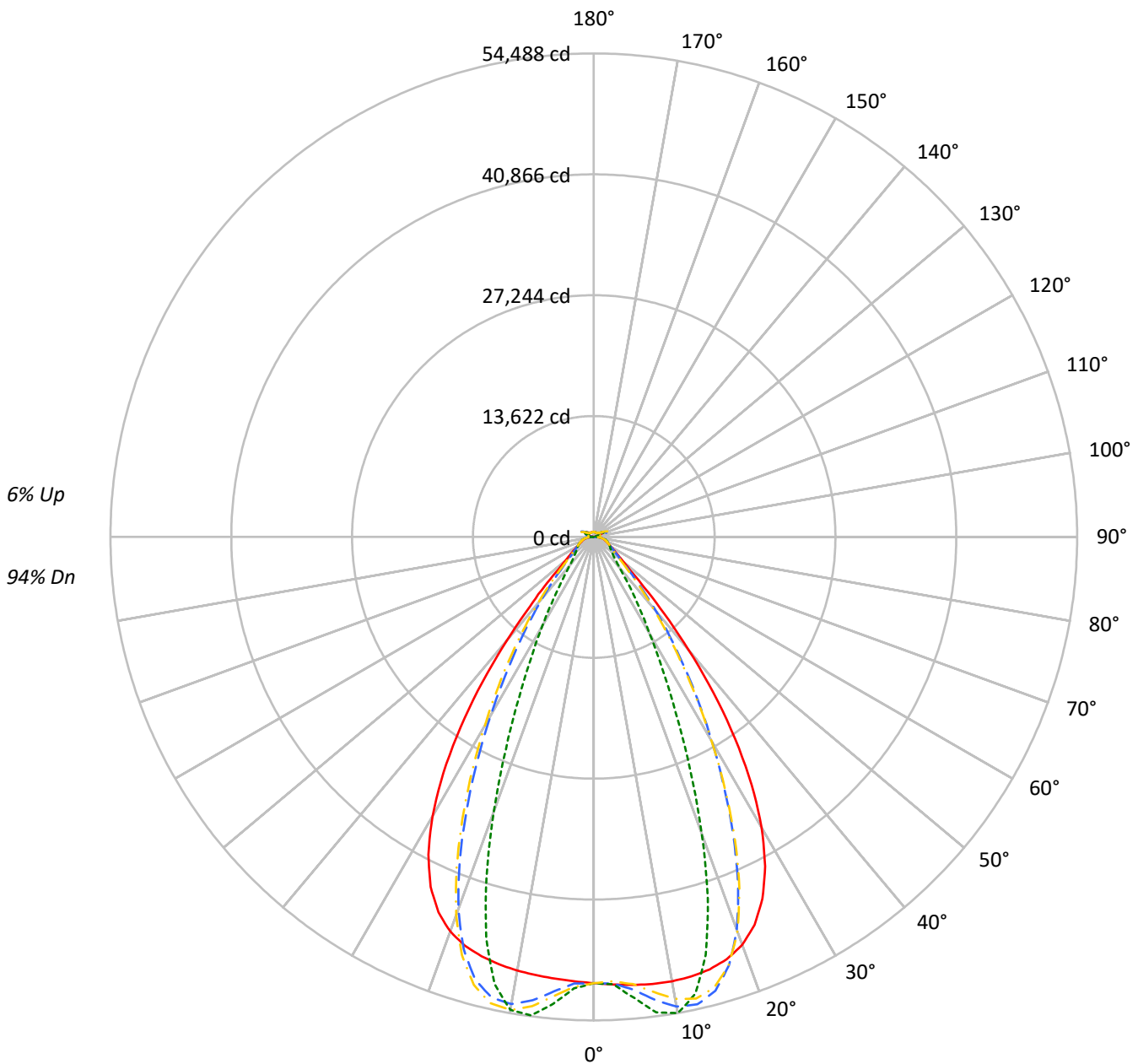
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 61848.2 lumens
Efficiency: N/A
Efficacy: 172.4 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 0.77 / 0.88
Luminous Opening: Vertical Cylinder (Dia: 1.71' x H: 0.1')
CIE Type: Direct

Input Watts (W): 358.8
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: P1444639
CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

Luminous Intensity Polar Plot



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



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	236199	236199	236199	236199
5°	237342	244263	234021	247463
10°	239324	256458	233584	254761
15°	240497	232477	233176	223116
20°	238011	173187	230221	160239
25°	225287	109531	217842	99381
30°	196805	65820	189182	60154
35°	151463	41302	142750	36587
40°	95813	25908	87662	24346
45°	49384	20184	48566	19852
50°	28954	17953	28065	17673
55°	22181	16985	21361	16833
60°	18769	17351	17969	17127
65°	17628	18120	16954	17501
70°	17223	18973	16365	18260
75°	18415	20121	17421	19232
80°	19056	22282	17277	20340
85°	17946	21499	14501	18409

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 75576 cd/sqm



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4956.9	8.0
10°-20°	13944.2	22.5
20°-30°	15881.3	25.7
30°-40°	11414.8	18.5
40°-50°	5264.5	8.5
50°-60°	2519.3	4.1
60°-70°	1838.2	3.0
70°-80°	1396.5	2.3
80°-90°	641.6	1.0
90°-100°	115.8	0.2
100°-110°	645.3	1.0
110°-120°	1191.8	1.9
120°-130°	734.4	1.2
130°-140°	479.0	0.8
140°-150°	360.7	0.6
150°-160°	254.9	0.4
160°-170°	155.5	0.3
170°-180°	53.6	0.1
0°-30°	34782.4	56.2
0°-40°	46197.2	74.7
0°-60°	53980.9	87.3
0°-90°	57857.2	93.5
90°-120°	1952.9	3.2
90°-150°	3527.0	5.7
90°-180°	3991.0	6.5
0°-180°	61848.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	50297	50297	50297	50297	50297	
5°	50676	52154	49967	52837	50676	4843
15°	50455	48772	48919	46809	50455	14216
25°	44990	21873	43503	19846	44990	20395
35°	27799	7580	26200	6715	27799	17061
45°	7990	3266	7858	3212	7990	6796
55°	2998	2295	2887	2275	2998	2767
65°	1840	1891	1770	1827	1840	1838
75°	1297	1417	1227	1355	1297	1349
85°	617	739	498	633	617	580
90°	166	210	47	58	166	103
95°	53	58	53	59	53	50
105°	234	301	158	301	234	310
115°	1042	1258	1091	1259	1042	962
125°	791	822	894	824	791	720
135°	632	554	680	559	632	493
145°	571	548	606	555	571	360
155°	540	538	574	544	540	251
165°	543	540	562	544	543	154
175°	559	563	568	565	559	53
180°	566	566	566	566	566	



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9
2.5°	50489.0	50485.0	50484.2	50480.7	50479.7	50479.7	50478.0	50474.0	50471.3	50465.5	50459.1
5°	50676.3	50674.2	50675.5	50675.8	50672.3	50664.5	50652.2	50637.0	50618.1	50600.1	50584.1
7.5°	50821.2	50824.8	50829.3	50828.3	50817.3	50798.8	50773.7	50759.5	50767.9	50795.3	50858.0
10°	50847.6	50869.4	50877.7	50875.1	50853.1	50837.2	50843.4	50896.8	51002.7	51144.3	51337.8
12.5°	50744.6	50771.1	50770.1	50761.4	50740.2	50761.8	50838.9	50997.5	51224.9	51504.0	51831.4
15°	50455.1	50489.4	50479.7	50468.4	50454.1	50525.2	50679.4	50954.9	51306.1	51699.6	52102.4
17.5°	49893.1	49934.5	49914.4	49901.5	49889.5	50022.6	50287.6	50691.0	51133.3	51578.4	51960.2
20°	48918.2	48946.0	48898.1	48875.5	48894.5	49155.3	49545.4	50060.6	50526.9	50947.8	51208.7
22.5°	47327.3	47361.7	47271.7	47261.2	47372.3	47772.9	48266.5	48842.5	49280.6	49614.2	49714.7
25°	44989.7	45023.6	44916.6	44980.6	45169.6	45715.1	46303.1	46919.2	47292.9	47540.1	47471.8
27.5°	41834.6	41865.5	41764.1	41894.6	42193.4	42910.3	43602.3	44270.5	44603.6	44776.8	44557.4
30°	37855.3	37919.7	37799.8	37982.0	38438.0	39368.8	40161.5	40910.9	41243.1	41374.9	41033.4
32.5°	33129.2	33220.8	33088.5	33359.7	33996.0	35114.1	36014.7	36851.9	37219.3	37369.8	36984.1
35°	27798.8	27930.0	27778.4	28185.2	28970.1	30215.2	31212.4	32147.2	32582.3	32795.5	32406.9
37.5°	22151.4	22276.5	22194.5	22737.1	23599.0	24889.6	25907.5	26915.9	27407.3	27727.4	27420.9
40°	16606.9	16721.4	16783.4	17404.0	18214.7	19430.9	20408.7	21406.5	21956.2	22357.9	22168.9
42.5°	11721.2	11836.7	12047.6	12646.3	13322.4	14329.2	15166.8	16062.6	16587.7	17016.3	16943.4
45°	7990.1	8124.1	8388.5	8878.7	9367.7	10090.0	10705.0	11401.7	11830.7	12223.2	12227.9
47.5°	5599.1	5693.2	5929.4	6264.2	6582.9	7487.2	7524.3	7866.7	8155.1	8448.5	8486.5
50°	4315.1	4371.8	4497.1	4683.6	4864.2	5098.9	5313.9	5562.0	5739.5	5900.4	5938.8
52.5°	3546.7	3582.8	3646.5	3747.5	3852.3	3980.0	4094.9	4231.3	4327.8	4413.9	4432.0
55°	2997.6	3027.4	3122.3	3141.5	3261.4	3284.4	3335.5	3418.5	3474.6	3526.3	3539.1
57.5°	2583.2	2604.8	2624.9	2668.1	2704.9	2758.6	2801.9	2861.4	2896.7	2934.1	2937.2
60°	2256.3	2271.9	2286.3	2316.1	2341.3	2378.6	2408.4	2448.8	2474.2	2502.2	2505.3
62.5°	2013.0	2024.2	2033.7	2053.5	2071.3	2100.0	2123.7	2157.5	2181.1	2202.8	2207.6
65°	1840.0	1848.3	1854.3	1869.3	1884.9	1909.4	1930.8	1958.4	1975.8	1992.4	1995.9
67.5°	1686.8	1694.6	1700.9	1714.6	1725.4	1743.6	1758.0	1778.7	1791.8	1804.9	1805.3
70°	1511.2	1518.5	1523.3	1536.0	1544.7	1560.4	1571.9	1590.6	1604.1	1618.8	1622.5
72.5°	1389.6	1394.0	1400.4	1412.0	1424.1	1440.9	1456.4	1475.8	1492.0	1507.3	1513.8
75°	1297.2	1302.2	1306.5	1316.4	1324.8	1338.9	1350.5	1368.2	1382.4	1398.8	1406.8
77.5°	1163.7	1169.5	1173.2	1183.2	1190.4	1204.0	1212.5	1228.4	1239.9	1254.9	1262.1
80°	1002.5	1007.9	1010.5	1019.8	1025.6	1038.1	1046.5	1061.7	1071.5	1086.4	1095.1
82.5°	823.7	828.9	830.4	839.2	842.4	852.6	858.8	874.4	886.4	905.8	919.2
85°	616.8	618.6	621.7	619.4	631.9	632.7	646.8	649.5	668.0	673.0	694.2
87.5°	377.1	382.7	385.4	394.1	397.8	406.4	409.0	418.2	423.2	433.6	438.4
90°	165.7	174.7	178.1	188.7	191.7	201.2	203.6	214.3	217.6	228.5	233.3
92.5°	46.6	49.5	52.2	55.7	58.5	62.7	66.0	69.3	72.4	76.2	82.2
95°	52.7	56.1	59.4	62.8	66.1	69.5	72.9	76.2	79.6	82.9	92.5
97.5°	66.0	69.0	71.8	74.8	77.6	80.5	83.4	86.3	89.2	91.9	103.5
100°	85.4	87.8	90.3	92.7	95.2	97.6	100.1	102.5	105.0	107.5	128.9
102.5°	139.7	148.4	157.1	165.8	174.5	183.0	191.8	200.4	209.0	217.8	263.3
105°	234.5	257.9	281.8	305.3	329.0	352.6	376.3	399.6	423.3	446.7	521.3
107.5°	398.2	441.7	485.5	529.3	573.1	616.6	660.4	703.9	747.5	790.8	866.5
110°	731.8	766.7	801.9	837.0	872.1	907.4	942.5	977.2	1012.4	1047.4	1102.6



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	985.8	1001.5	1017.3	1033.3	1049.1	1064.7	1080.5	1096.2	1112.0	1127.6	1167.0
115°	1041.6	1047.0	1052.6	1057.9	1063.5	1068.8	1074.2	1079.4	1084.9	1089.9	1116.6
117.5°	1014.1	1012.9	1011.8	1010.9	1009.4	1008.2	1006.9	1005.6	1004.2	1002.7	1017.5
120°	949.3	944.2	939.3	933.9	928.8	923.4	918.3	913.0	907.5	902.0	908.3
122.5°	866.9	860.8	855.0	848.6	842.4	836.0	829.8	823.1	817.0	810.5	812.5
125°	791.2	784.8	779.2	772.7	766.3	759.7	753.3	746.6	740.1	733.3	734.3
127.5°	726.1	721.8	717.5	712.5	707.8	703.0	698.0	693.0	688.3	682.9	682.9
130°	685.3	681.4	677.4	673.0	668.7	664.1	659.5	654.7	650.3	645.3	645.4
132.5°	652.8	650.2	647.1	643.9	640.5	636.7	633.3	629.3	625.7	622.1	622.2
135°	632.4	629.5	627.0	623.8	620.7	617.2	613.6	609.9	606.5	602.7	603.1
137.5°	615.4	612.9	610.4	607.3	604.5	601.0	597.9	594.3	591.0	587.4	587.7
140°	600.1	597.8	595.4	592.5	589.9	586.9	583.7	580.4	577.3	573.8	574.6
142.5°	582.2	580.1	578.4	576.0	573.7	570.9	568.3	565.4	562.8	559.9	561.1
145°	571.2	569.5	568.0	566.0	563.7	561.3	559.1	556.4	554.2	551.6	552.9
147.5°	561.6	560.2	559.0	557.2	555.7	553.4	551.5	549.1	547.2	545.1	546.4
150°	553.3	552.0	551.0	549.4	547.6	545.7	543.8	541.8	539.9	537.7	539.1
152.5°	544.1	542.7	541.7	540.2	538.6	536.4	535.1	533.0	531.3	529.3	530.4
155°	539.8	538.4	537.0	535.6	534.1	532.3	530.6	528.9	527.3	525.3	526.2
157.5°	538.1	536.7	535.8	534.3	533.3	531.8	530.4	528.9	527.6	526.2	526.7
160°	539.0	537.8	536.7	535.3	534.0	532.5	531.3	529.7	528.9	527.3	527.8
162.5°	540.3	539.0	537.7	536.4	535.2	533.7	532.5	531.4	530.1	528.7	529.3
165°	543.1	542.4	541.4	540.5	539.6	538.7	537.7	536.6	535.6	534.6	534.9
167.5°	550.0	548.9	548.0	546.9	545.8	544.8	543.6	542.5	541.6	540.4	540.6
170°	553.5	552.6	552.0	551.5	550.8	550.0	549.5	548.7	547.9	547.2	547.5
172.5°	557.6	557.0	556.6	556.2	555.4	555.1	554.5	553.9	553.5	552.8	553.5
175°	558.8	558.3	558.1	557.7	557.3	557.0	556.8	556.5	556.5	555.9	556.2
177.5°	562.8	562.6	562.6	562.5	562.5	562.4	562.2	561.8	561.6	561.6	561.9
180°	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9
2.5°	50454.1	50448.1	50439.6	50429.0	50419.9	50409.3	50384.1	50376.6	50385.0	50390.6	50402.2
5°	50574.1	50577.6	50578.9	50601.8	50621.6	50670.9	51058.0	51211.8	51330.6	51406.2	51520.8
7.5°	50935.5	51051.8	51166.8	51321.5	51455.0	51635.2	52312.3	52600.4	52805.3	52952.6	53133.8
10°	51548.0	51801.9	52039.9	52318.8	52558.5	52833.1	53463.4	53744.1	53921.4	54050.4	54170.8
12.5°	52165.0	52517.1	52835.4	53145.7	53405.2	53643.2	53864.9	53963.1	53971.5	53975.6	53911.7
15°	52486.4	52823.0	53103.3	53308.6	53461.1	53528.6	53147.0	52946.8	52693.8	52485.5	52142.7
17.5°	52283.5	52485.5	52606.6	52594.7	52531.7	52320.7	51239.9	50645.4	50055.2	49523.4	48826.1
20°	51381.9	51366.5	51261.2	50962.7	50603.2	50043.9	48191.1	47122.0	46088.4	45180.6	44079.3
22.5°	49704.5	49440.5	49072.6	48429.1	47714.2	46737.2	44081.9	42509.4	41070.5	39799.4	38375.5
25°	47273.9	46730.9	46052.2	45030.7	43919.7	42494.8	39222.1	37266.2	35538.5	34040.2	32397.2
27.5°	44163.3	43345.4	42350.7	40936.8	39431.8	37606.3	33977.9	31819.3	29964.8	28358.4	26609.6
30°	40480.7	39416.9	38132.5	36377.7	34562.4	32491.9	28811.9	26625.5	24748.4	23095.7	21345.7
32.5°	36319.0	35073.0	33568.0	31598.4	29635.2	27506.4	23952.5	21836.1	20043.0	18453.1	16869.2
35°	31729.0	30392.8	28800.5	26791.6	24840.2	22770.5	19509.4	17601.3	16017.7	14612.4	13333.4
37.5°	26805.2	25493.3	23979.9	22086.5	20276.9	18401.4	15587.7	13988.6	12659.8	11493.4	10505.9
40°	21686.0	20537.9	19228.4	17591.5	16047.2	14485.3	12175.5	10906.2	9857.6	8968.0	8228.0
42.5°	16629.3	15739.5	14735.5	13441.9	12260.1	11070.9	9293.1	8352.7	7575.9	6935.6	6412.4
45°	12065.1	11470.0	10796.4	9897.2	9079.5	8250.0	6984.7	6323.8	5817.9	5405.0	5055.9
47.5°	8434.1	8088.9	8067.8	7236.8	6637.2	6130.0	5314.8	4897.4	4587.4	4337.3	4116.2
50°	5923.0	5756.1	5548.6	5251.9	4973.7	4687.0	4190.4	3938.1	3756.4	3604.9	3465.1
52.5°	4427.9	4341.2	4230.7	4073.3	3922.5	3761.3	3447.0	3286.3	3229.3	3088.2	2977.5
55°	3536.7	3486.9	3424.1	3331.6	3239.9	3203.2	2933.9	2814.5	2739.1	2683.3	2623.9
57.5°	2937.8	2900.7	2863.3	2800.8	2747.6	2683.3	2540.4	2479.2	2434.3	2401.5	2360.3
60°	2505.9	2483.7	2462.8	2426.0	2397.3	2362.7	2271.9	2237.4	2214.0	2194.2	2167.9
62.5°	2211.7	2200.3	2189.5	2170.0	2155.4	2136.6	2074.5	2058.0	2046.2	2036.3	2020.3
65°	1999.4	1991.2	1985.2	1972.2	1964.9	1953.9	1900.6	1889.4	1882.1	1878.6	1869.3
67.5°	1806.5	1797.9	1793.9	1784.7	1781.7	1774.8	1731.2	1725.0	1722.6	1723.7	1720.4
70°	1626.1	1622.5	1624.3	1622.8	1626.9	1628.2	1601.8	1601.6	1604.4	1610.0	1610.5
72.5°	1517.9	1517.9	1520.0	1520.9	1524.8	1526.7	1504.7	1503.6	1504.9	1509.0	1509.2
75°	1415.0	1416.6	1422.2	1424.1	1428.8	1429.7	1400.6	1397.3	1397.5	1401.4	1400.1
77.5°	1272.6	1278.7	1289.3	1294.9	1303.9	1305.5	1272.9	1269.0	1269.2	1273.1	1269.8
80°	1111.0	1122.7	1139.6	1151.4	1165.2	1170.8	1137.3	1129.2	1121.8	1120.7	1114.0
82.5°	939.3	953.7	973.9	984.6	999.4	1002.7	946.5	935.9	929.6	930.1	924.0
85°	717.1	727.9	746.3	752.3	761.5	760.7	696.6	669.2	676.5	665.1	674.0
87.5°	449.8	456.2	467.7	469.1	473.5	472.6	408.0	395.4	391.6	391.8	387.2
90°	245.2	251.0	262.5	264.1	272.4	272.9	222.2	217.7	211.8	213.1	205.2
92.5°	88.8	94.6	101.0	107.0	113.3	119.4	119.6	124.0	118.3	111.7	106.1
95°	102.4	112.2	122.0	131.8	141.6	151.5	161.3	171.1	162.0	152.6	143.4
97.5°	115.1	126.7	138.1	149.8	161.4	173.0	184.6	196.2	186.3	176.1	166.3
100°	150.6	172.2	193.7	215.3	236.8	258.4	280.1	301.8	282.8	263.4	244.4
102.5°	309.1	355.2	401.0	446.7	492.6	538.7	584.8	630.7	587.1	543.2	499.4
105°	595.7	670.0	744.4	818.4	892.8	967.2	1042.1	1116.5	1046.6	976.8	906.9
107.5°	941.9	1017.3	1092.5	1167.7	1243.3	1318.6	1394.8	1470.3	1402.1	1333.6	1265.6
110°	1157.5	1212.3	1267.3	1322.1	1377.0	1432.0	1488.1	1543.1	1502.0	1460.9	1419.9



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	1205.9	1245.3	1284.5	1323.5	1362.4	1401.7	1442.5	1482.1	1461.2	1440.2	1419.7
115°	1142.7	1169.3	1195.3	1221.7	1247.9	1274.0	1302.3	1329.1	1322.2	1315.2	1308.5
117.5°	1032.1	1046.5	1061.2	1075.6	1089.9	1104.4	1121.7	1136.5	1137.1	1138.0	1138.9
120°	914.2	920.1	926.0	932.0	937.6	943.4	952.4	958.9	964.1	968.9	974.1
122.5°	814.5	816.5	818.3	820.3	822.2	823.9	829.4	832.3	835.5	838.8	842.2
125°	734.9	735.6	736.3	737.1	737.4	738.1	743.1	744.4	744.2	743.9	743.6
127.5°	682.5	682.3	682.0	681.8	681.1	680.8	685.0	685.5	682.7	679.9	676.9
130°	645.5	645.6	645.5	645.4	645.5	645.6	650.3	651.5	646.8	641.8	637.3
132.5°	622.3	622.6	622.5	623.1	623.2	623.3	628.6	629.9	624.8	619.2	613.8
135°	603.3	603.8	604.2	604.5	604.9	605.6	611.5	613.1	608.2	602.7	597.7
137.5°	587.9	588.3	588.7	589.4	589.8	590.3	596.9	598.7	594.8	590.2	586.2
140°	575.1	575.7	576.4	577.3	577.9	579.1	586.0	588.3	585.2	581.6	578.2
142.5°	561.9	563.3	564.5	566.0	567.2	568.8	577.1	579.9	577.4	574.6	572.2
145°	554.1	556.0	557.2	559.1	560.7	562.6	571.9	575.4	573.7	571.8	570.0
147.5°	547.2	548.8	550.2	551.7	553.2	555.5	565.2	568.5	567.7	566.3	565.1
150°	540.3	541.9	543.2	545.0	546.8	548.9	559.9	563.8	562.9	562.0	560.8
152.5°	531.6	532.9	534.3	535.8	537.3	539.2	552.4	556.8	556.1	554.8	554.1
155°	527.1	528.0	528.9	530.1	531.2	532.9	547.2	551.5	550.9	550.3	549.6
157.5°	527.1	527.6	528.1	528.8	529.5	530.4	545.5	550.0	549.2	548.7	548.1
160°	527.9	528.4	528.6	529.2	529.4	530.1	545.6	549.8	549.4	548.6	548.0
162.5°	529.7	530.8	531.2	531.8	532.4	533.5	549.0	553.7	552.8	552.0	551.2
165°	535.1	535.2	535.4	536.0	536.2	536.7	551.4	555.2	554.8	554.1	553.5
167.5°	540.9	541.4	541.6	542.2	542.6	543.3	557.0	560.7	560.3	559.6	559.2
170°	547.7	548.2	548.3	548.9	549.5	550.2	561.5	564.6	564.2	563.2	562.6
172.5°	553.8	554.5	555.0	555.7	556.2	556.9	566.5	569.4	569.0	568.4	567.7
175°	556.7	557.0	557.4	558.1	558.6	559.0	566.6	568.7	568.5	568.2	567.9
177.5°	562.3	562.6	562.9	563.4	563.8	564.3	568.8	570.2	570.0	570.0	569.9
180°	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9
2.5°	50404.8	50422.5	50425.1	50445.8	50444.1	50468.7	50464.9	50485.0	50473.2	50489.8	50475.9
5°	51588.7	51696.0	51752.1	51856.9	51890.0	51983.8	52010.3	52095.8	52099.4	52167.2	52151.8
7.5°	53262.4	53420.6	53514.6	53644.2	53709.8	53817.7	53865.2	53945.1	53970.7	54034.2	54039.0
10°	54261.9	54338.7	54392.4	54428.5	54461.5	54477.1	54495.1	54490.2	54495.1	54488.0	54503.5
12.5°	53868.7	53756.6	53682.4	53541.8	53460.4	53305.1	53228.9	53079.6	53025.3	52897.1	52878.6
15°	51877.8	51486.7	51210.4	50808.6	50556.0	50160.6	49929.3	49572.6	49409.8	49126.2	49051.8
17.5°	48248.8	47522.9	46961.2	46240.5	45740.4	45066.8	44643.4	44085.8	43780.4	43330.9	43175.2
20°	43161.2	42087.2	41244.4	40240.6	39522.2	38627.1	38054.1	37331.4	36911.8	36359.6	36135.8
22.5°	37188.2	35850.9	34798.5	33612.6	32745.8	31748.3	31061.8	30279.8	29823.3	29223.5	28957.9
25°	31031.7	29557.2	28387.1	27137.6	26221.7	25221.9	24535.2	23767.0	23294.6	22725.1	22461.2
27.5°	25143.8	23651.0	22520.3	21358.6	20518.5	19616.3	18996.7	18326.0	17906.7	17420.6	17172.3
30°	19947.7	18631.1	17668.9	16704.8	16005.9	15273.2	14758.3	14202.5	13834.7	13418.4	13181.9
32.5°	15714.4	14697.9	13944.5	13179.5	12607.5	11995.2	11550.3	11059.9	10727.9	10356.2	10142.0
35°	12445.6	11655.8	11054.9	10425.1	9933.8	9412.2	9020.2	8596.9	8299.0	7978.9	7794.0
37.5°	9833.3	9205.3	8710.7	8187.7	7784.2	7352.1	7206.5	6720.7	6412.0	6156.6	5979.7
40°	7717.2	7217.9	6808.7	6408.7	6079.4	5751.7	5488.8	5229.3	5030.0	4847.3	4720.9
42.5°	6026.5	5664.7	5365.9	5072.9	4832.8	4594.0	4403.5	4224.7	4090.5	3971.1	3889.5
45°	4790.9	4542.0	4334.3	4127.9	3958.5	3799.2	3670.9	3556.8	3470.1	3398.4	3347.5
47.5°	3935.8	3765.4	3618.9	3479.6	3364.6	3260.3	3174.3	3146.3	3053.1	2990.4	2966.5
50°	3344.9	3242.0	3130.7	3028.0	2951.2	2874.7	2819.0	2764.4	2729.6	2700.7	2691.9
52.5°	2903.8	2825.1	2763.2	2698.2	2647.5	2593.1	2554.7	2518.4	2499.1	2484.1	2482.2
55°	2575.9	2520.9	2480.0	2436.3	2406.0	2374.1	2354.1	2334.9	2326.5	2318.9	2319.5
57.5°	2327.8	2291.2	2264.4	2236.2	2219.8	2204.4	2199.4	2194.6	2197.2	2198.2	2202.6
60°	2147.1	2123.2	2106.4	2090.2	2083.3	2078.4	2082.1	2086.5	2095.2	2102.3	2108.7
62.5°	2008.6	1994.9	1986.8	1977.9	1977.2	1977.6	1985.1	1992.4	2003.3	2011.5	2017.7
65°	1865.9	1858.1	1855.5	1849.9	1852.7	1854.3	1863.3	1868.9	1879.9	1886.5	1894.2
67.5°	1721.8	1720.0	1721.6	1721.6	1726.6	1731.0	1739.5	1745.9	1755.2	1761.1	1767.5
70°	1615.4	1616.1	1620.1	1620.8	1626.2	1629.2	1636.7	1640.7	1649.1	1654.2	1661.8
72.5°	1511.9	1510.3	1511.2	1508.8	1510.6	1509.9	1514.0	1516.0	1523.1	1527.1	1536.4
75°	1401.8	1397.1	1396.0	1391.0	1391.1	1387.6	1389.2	1389.1	1393.8	1395.6	1402.3
77.5°	1268.7	1260.9	1257.1	1248.8	1248.6	1245.3	1248.8	1250.8	1259.0	1262.9	1270.6
80°	1109.5	1097.2	1091.6	1081.9	1083.6	1083.1	1091.2	1097.4	1107.4	1109.3	1119.0
82.5°	922.2	909.7	903.7	894.2	896.4	896.6	904.1	905.4	914.1	917.8	929.0
85°	660.3	665.1	651.8	652.8	650.0	655.2	660.3	666.6	673.8	686.0	695.3
87.5°	388.9	387.2	391.8	392.4	399.1	402.6	413.4	419.6	431.7	441.2	458.3
90°	204.2	196.7	199.0	195.5	200.7	197.3	202.2	198.1	204.3	203.9	212.2
92.5°	99.2	93.4	86.7	80.8	74.3	68.7	65.0	62.7	59.2	57.1	53.4
95°	134.3	125.1	116.0	106.8	97.6	88.5	85.2	81.8	78.5	75.1	71.7
97.5°	156.5	146.7	136.8	126.8	117.0	107.2	104.9	102.7	100.5	98.2	96.1
100°	225.3	206.4	187.4	168.2	149.2	130.3	128.5	126.7	124.9	123.2	121.3
102.5°	455.9	412.2	368.6	324.8	281.3	237.6	230.0	222.5	214.8	207.3	199.7
105°	836.9	767.1	697.2	627.4	557.7	488.0	467.3	446.1	425.3	404.5	383.8
107.5°	1197.3	1129.1	1061.2	993.1	925.0	856.9	823.9	791.1	757.9	725.1	692.2
110°	1378.4	1337.5	1296.7	1255.5	1214.7	1173.8	1142.2	1111.0	1079.2	1047.9	1016.7



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	1399.0	1378.2	1357.4	1337.0	1316.5	1295.8	1280.4	1265.1	1249.8	1234.4	1218.8
115°	1301.4	1294.7	1287.9	1281.3	1274.7	1267.9	1266.6	1265.6	1264.2	1263.1	1262.0
117.5°	1139.5	1140.4	1141.0	1142.2	1143.2	1144.2	1152.1	1159.9	1167.9	1176.2	1184.6
120°	979.1	984.1	989.2	994.5	999.6	1005.0	1015.4	1026.2	1036.9	1048.1	1059.0
122.5°	845.4	848.7	851.9	855.6	858.9	862.4	872.8	883.4	893.9	904.7	915.7
125°	742.8	742.5	742.1	741.5	741.2	741.1	749.5	757.9	766.6	775.7	784.3
127.5°	673.8	670.7	667.6	664.7	661.6	658.9	663.4	668.3	673.1	678.2	683.3
130°	632.3	627.5	622.3	617.8	612.5	607.9	609.4	611.0	612.5	614.3	616.1
132.5°	608.1	602.7	597.0	591.3	585.7	580.2	579.4	578.9	578.1	577.9	577.7
135°	592.3	587.2	581.6	576.4	570.7	565.7	563.8	562.0	560.2	558.6	557.1
137.5°	581.9	577.5	573.2	568.9	564.2	560.0	557.2	555.3	552.8	551.3	549.1
140°	574.4	571.2	567.3	563.8	560.1	556.8	554.4	552.7	550.6	549.1	547.2
142.5°	569.2	566.5	563.7	561.1	558.3	555.6	553.4	551.7	549.8	548.3	546.4
145°	568.1	566.3	564.2	562.4	560.4	558.5	556.7	555.3	553.8	552.4	551.3
147.5°	563.8	562.5	561.2	559.7	558.2	557.0	555.6	554.9	553.4	552.6	551.5
150°	559.4	558.3	557.0	556.0	554.4	553.3	552.4	551.6	550.9	550.5	549.6
152.5°	552.7	551.7	550.6	549.6	548.2	547.1	546.3	545.9	545.2	544.6	543.8
155°	548.6	547.9	546.9	546.1	545.1	544.5	543.6	542.6	541.9	541.1	540.3
157.5°	547.3	546.6	545.7	545.2	544.0	543.3	542.5	541.7	540.8	540.3	539.4
160°	547.3	546.7	545.9	545.1	544.4	543.6	542.4	541.7	540.4	539.8	538.6
162.5°	550.3	549.3	548.5	547.5	546.3	545.7	544.7	543.9	543.2	542.4	541.5
165°	552.7	552.0	551.3	550.6	550.0	549.2	548.1	547.3	546.1	545.4	544.3
167.5°	558.4	557.9	557.1	556.6	555.7	554.9	554.1	553.1	552.1	551.3	550.0
170°	562.1	561.1	560.5	559.5	558.7	557.7	557.1	556.0	555.0	554.5	553.2
172.5°	567.1	566.7	565.9	565.2	564.3	563.7	563.1	562.4	561.6	560.8	560.1
175°	567.7	567.5	567.3	566.7	566.5	566.2	565.8	565.6	565.2	565.0	564.5
177.5°	569.9	569.7	569.7	569.3	569.1	569.1	568.7	568.5	568.1	567.7	567.5
180°	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9
2.5°	50490.4	50477.5	50483.6	50459.9	50465.5	50437.1	50434.4	50402.2	50399.0	50368.6	50357.3
5°	52199.9	52171.8	52203.4	52154.0	52163.7	52099.4	52094.0	52010.9	51982.2	51878.2	51833.3
7.5°	54078.7	54068.0	54087.4	54046.0	54044.8	53987.3	53963.6	53889.1	53842.9	53733.7	53663.9
10°	54490.2	54500.0	54484.1	54488.0	54465.7	54459.5	54436.6	54422.1	54384.5	54356.2	54314.5
12.5°	52781.1	52791.4	52726.2	52767.5	52734.9	52811.1	52804.9	52894.8	52908.6	53022.3	53065.3
15°	48830.9	48818.7	48693.6	48772.4	48730.1	48897.5	48935.0	49160.2	49280.6	49569.7	49747.3
17.5°	42863.7	42831.5	42655.3	42751.3	42702.5	42949.2	43032.0	43392.2	43616.8	44082.6	44414.6
20°	35750.5	35688.7	35482.6	35595.0	35544.6	35825.1	35943.2	36378.5	36668.2	37285.1	37724.1
22.5°	28548.8	28451.4	28249.4	28354.5	28306.9	28597.3	28751.1	29187.8	29519.6	30153.1	30665.5
25°	22081.8	21995.0	21799.8	21873.3	21855.6	22101.3	22238.1	22651.1	22977.2	23580.6	24069.7
27.5°	16842.3	16752.0	16575.7	16627.6	16609.7	16819.1	16948.0	17293.1	17573.6	18081.6	18511.0
30°	12890.3	12781.3	12631.8	12660.5	12648.2	12817.9	12938.3	13228.8	13469.3	13898.7	14268.7
32.5°	9880.4	9770.8	9633.5	9646.9	9628.8	9761.9	9861.1	10113.8	10323.4	10688.4	11010.5
35°	7559.9	7688.0	7394.6	7580.4	7386.9	7671.0	7568.8	7726.7	7906.9	8214.5	8483.2
37.5°	5811.7	5722.5	5647.0	5639.0	5638.6	5704.4	5782.2	5934.2	6093.1	6322.1	6558.9
40°	4605.5	4542.9	4494.0	4490.5	4494.0	4540.9	4598.2	4703.4	4819.7	4984.3	5158.2
42.5°	3819.9	3778.2	3748.8	3746.8	3756.0	3789.2	3829.1	3891.6	3967.3	4073.9	4193.2
45°	3306.1	3283.0	3266.6	3265.7	3269.9	3287.3	3310.2	3349.2	3397.1	3463.6	3539.1
47.5°	2945.6	2940.0	2929.7	2930.1	2925.4	2932.5	2935.1	2957.0	2982.5	3032.7	3131.2
50°	2683.1	2683.1	2676.0	2675.6	2668.9	2668.6	2663.0	2671.6	2683.5	2714.6	2746.2
52.5°	2475.6	2474.9	2467.3	2465.8	2458.7	2458.3	2453.4	2456.9	2458.5	2474.2	2493.0
55°	2313.5	2308.6	2298.5	2295.4	2292.6	2296.7	2294.8	2295.0	2293.0	2299.5	2305.1
57.5°	2197.2	2190.9	2181.3	2178.5	2177.8	2182.6	2182.8	2181.1	2172.4	2166.4	2158.1
60°	2105.1	2098.7	2088.5	2085.9	2087.3	2094.1	2093.7	2088.1	2075.1	2063.7	2050.5
62.5°	2014.7	2012.1	2006.9	2006.1	2004.8	2005.9	2001.3	1995.3	1982.4	1970.4	1955.9
65°	1893.3	1894.6	1890.7	1891.3	1886.7	1885.9	1878.8	1873.0	1859.9	1848.9	1834.2
67.5°	1767.3	1768.3	1765.1	1765.1	1762.7	1763.0	1758.8	1753.4	1742.4	1733.4	1722.0
70°	1663.5	1666.1	1664.3	1664.8	1661.8	1660.7	1654.0	1648.8	1637.4	1629.9	1619.7
72.5°	1539.1	1544.7	1544.5	1545.9	1541.4	1539.1	1531.2	1524.6	1514.4	1508.4	1500.2
75°	1405.0	1412.2	1414.3	1417.4	1411.1	1407.7	1399.0	1393.8	1385.4	1381.9	1376.5
77.5°	1273.9	1281.9	1289.5	1296.6	1286.4	1277.3	1266.3	1257.9	1245.9	1241.3	1232.9
80°	1126.9	1141.0	1157.9	1172.2	1153.7	1135.0	1116.9	1103.5	1087.7	1081.2	1070.7
82.5°	934.8	949.4	959.1	968.2	955.4	941.7	924.2	912.4	895.3	889.0	876.9
85°	710.2	728.3	734.1	738.9	730.7	723.4	707.0	684.8	674.0	657.0	648.3
87.5°	467.2	478.0	480.0	481.7	476.6	473.1	462.5	452.0	433.6	420.1	403.7
90°	209.9	215.3	209.4	210.3	205.6	207.9	198.9	197.2	183.8	179.9	168.1
92.5°	51.0	47.4	44.8	41.6	45.5	47.6	51.3	53.4	56.9	59.2	62.7
95°	68.4	65.0	61.7	58.3	61.0	63.7	66.4	69.1	71.8	74.5	77.1
97.5°	93.8	91.5	89.4	87.1	88.7	90.3	91.8	93.4	94.9	96.5	98.2
100°	119.5	117.8	116.0	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2
102.5°	192.1	184.5	176.9	169.3	174.5	179.6	184.8	189.9	195.0	200.1	205.5
105°	363.0	342.2	321.4	300.7	320.8	340.9	361.0	381.0	401.2	421.6	441.7
107.5°	659.2	626.4	593.6	560.8	597.6	634.2	670.8	707.4	744.0	780.6	817.6
110°	985.4	954.1	922.9	891.6	930.4	969.3	1008.1	1047.0	1085.9	1124.8	1164.0



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	1203.7	1188.5	1173.3	1158.1	1183.2	1208.1	1233.2	1258.5	1283.5	1308.7	1333.7
115°	1261.0	1260.1	1259.2	1258.3	1270.1	1282.0	1293.8	1305.8	1317.8	1329.7	1341.8
117.5°	1192.7	1200.9	1209.5	1217.9	1221.8	1225.5	1229.5	1233.3	1237.5	1241.4	1245.6
120°	1070.2	1081.1	1092.5	1103.9	1102.3	1100.7	1099.3	1097.7	1096.8	1095.4	1094.7
122.5°	926.7	937.8	949.2	960.4	957.0	953.7	950.6	947.4	944.5	941.5	938.8
125°	793.7	802.7	812.1	821.6	818.2	814.9	811.8	808.9	806.0	803.0	800.6
127.5°	688.9	694.6	700.1	705.9	704.3	702.7	701.7	700.4	699.4	698.6	697.9
130°	618.2	620.6	623.3	625.7	626.1	626.6	627.5	628.4	629.5	630.5	632.1
132.5°	578.1	578.0	578.5	578.9	580.6	582.4	584.8	586.9	589.7	591.9	595.3
135°	556.3	555.2	554.4	553.9	556.6	559.0	562.1	565.1	568.7	572.3	576.2
137.5°	547.6	546.0	545.1	543.6	546.2	548.9	552.0	555.1	558.4	562.1	566.1
140°	546.0	544.5	543.8	542.5	545.2	547.7	550.8	553.8	557.2	560.9	564.6
142.5°	545.4	543.7	543.0	542.1	544.2	546.6	549.7	552.3	555.5	558.5	562.1
145°	550.1	549.0	548.3	547.5	549.1	550.9	552.9	555.1	557.4	559.6	562.6
147.5°	550.8	550.1	549.7	549.1	550.5	551.5	553.1	554.5	556.4	558.1	560.2
150°	549.4	548.7	548.4	548.2	548.9	549.6	550.7	551.4	552.7	553.8	555.4
152.5°	543.6	542.9	543.0	542.6	543.1	543.8	544.7	545.5	546.4	547.3	548.8
155°	539.9	539.3	538.8	538.2	538.3	538.3	538.8	538.8	539.5	539.7	540.4
157.5°	539.0	538.2	537.9	537.1	536.9	536.6	536.7	536.5	536.8	536.4	536.6
160°	538.0	536.8	536.0	535.2	535.4	535.0	535.3	535.0	535.3	535.3	535.6
162.5°	540.9	540.3	539.7	538.9	538.5	537.8	537.4	536.6	536.3	535.9	535.7
165°	543.3	542.2	541.5	540.4	540.2	539.9	539.6	539.2	539.0	538.7	538.8
167.5°	549.4	548.3	547.4	546.5	546.0	545.0	544.5	543.8	543.2	542.6	542.3
170°	552.6	551.7	551.1	550.3	550.0	549.4	549.2	548.6	548.4	548.2	548.2
172.5°	559.6	558.8	558.1	557.5	557.2	556.9	556.7	556.5	556.1	556.1	555.9
175°	564.3	563.9	563.7	563.3	562.9	562.7	562.3	562.1	561.9	561.5	561.2
177.5°	567.0	566.5	566.3	566.1	565.9	565.9	565.9	565.9	565.9	565.7	565.5
180°	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9
2.5°	50324.7	50311.4	50276.5	50259.4	50227.1	50210.9	50185.8	50169.6	50149.2	50134.1	50126.3
5°	51718.9	51654.7	51525.6	51446.2	51307.0	51215.3	51077.0	50975.5	50832.8	50727.4	50592.5
7.5°	53533.1	53434.3	53269.1	53143.8	52949.0	52800.1	52581.5	52406.6	52165.0	51964.5	51717.6
10°	54271.6	54214.0	54139.9	54059.3	53951.4	53845.5	53696.2	53544.1	53341.3	53139.6	52876.0
12.5°	53180.0	53234.3	53341.3	53391.2	53473.1	53500.8	53538.3	53520.7	53487.6	53405.2	53285.7
15°	50088.4	50315.0	50672.8	50920.4	51267.3	51510.9	51833.3	52040.7	52279.7	52422.4	52558.2
17.5°	45002.9	45441.0	46072.5	46576.4	47252.8	47802.8	48476.6	49006.0	49617.2	50086.2	50585.4
20°	38489.1	39102.6	39974.4	40714.9	41695.0	42526.2	43590.9	44482.9	45523.4	46390.8	47326.9
22.5°	31478.6	32200.2	33199.1	34092.2	35262.6	36308.1	37642.1	38821.5	40228.1	41488.2	42882.2
25°	24864.9	25572.1	26589.7	27514.5	28777.9	29929.5	31387.0	32740.0	34372.4	35894.5	37642.1
27.5°	19193.3	19821.5	20716.1	21548.3	22705.6	23836.2	25315.3	26758.1	28499.8	30135.7	32019.0
30°	14822.7	15332.3	16049.1	16718.6	17647.6	18572.2	19889.8	21224.0	22957.2	24652.4	26583.2
32.5°	11487.1	11921.6	12519.9	13063.5	13779.3	14476.5	15446.7	16513.0	18033.4	19657.1	21524.0
35°	8892.3	9264.0	9773.3	10241.5	10830.2	11383.6	12107.7	12868.7	14028.9	15394.8	17065.5
37.5°	7089.4	7241.0	7604.4	7988.1	8477.0	8931.9	9498.1	10060.9	10891.0	11968.6	13333.4
40°	5391.4	5632.1	5927.9	6230.1	6600.2	6965.0	7586.3	7885.5	8432.1	9205.7	10265.0
42.5°	4350.1	4519.5	4727.6	4937.7	5195.7	5449.8	5764.0	6084.1	6492.8	7016.7	7770.1
45°	3640.3	3750.6	3884.9	4024.9	4194.3	4367.7	4578.1	4797.9	5074.7	5396.8	5854.5
47.5°	3166.1	3227.1	3314.7	3410.3	3526.5	3646.5	3783.3	3923.3	4095.3	4286.4	4547.0
50°	2795.9	2846.8	2914.8	2978.8	3058.9	3182.0	3236.2	3313.5	3417.1	3529.4	3675.2
52.5°	2528.0	2562.0	2604.6	2641.3	2692.0	2738.1	2798.5	2851.8	2923.5	2990.8	3085.0
55°	2319.5	2331.7	2356.0	2379.7	2414.7	2446.2	2487.6	2522.5	2568.1	2608.5	2667.9
57.5°	2158.4	2159.5	2170.7	2183.0	2205.5	2225.4	2253.8	2276.7	2308.5	2334.2	2369.7
60°	2042.6	2036.5	2038.7	2043.0	2055.7	2068.6	2086.9	2101.7	2121.7	2136.3	2156.2
62.5°	1946.3	1936.6	1934.3	1933.2	1939.5	1944.2	1954.1	1961.4	1972.7	1979.1	1989.7
65°	1824.6	1813.2	1808.7	1803.5	1805.3	1803.9	1807.6	1807.8	1813.6	1814.9	1821.0
67.5°	1714.2	1704.6	1698.9	1691.8	1688.6	1683.6	1681.4	1676.6	1675.8	1671.7	1670.8
70°	1613.5	1604.3	1599.3	1592.9	1589.5	1582.7	1578.7	1570.5	1565.7	1558.0	1553.7
72.5°	1497.0	1491.8	1490.3	1485.9	1484.7	1481.0	1479.3	1473.5	1470.2	1463.7	1460.0
75°	1375.3	1371.1	1370.7	1366.2	1365.8	1361.3	1360.2	1354.1	1350.9	1344.3	1341.6
77.5°	1230.3	1223.9	1222.1	1216.8	1218.1	1216.0	1217.8	1213.1	1211.1	1204.6	1202.5
80°	1067.0	1058.8	1055.5	1048.6	1050.4	1047.2	1050.4	1050.1	1052.4	1047.2	1046.3
82.5°	873.5	864.5	862.8	858.0	861.2	861.6	868.4	864.7	866.3	861.4	863.4
85°	635.6	629.0	619.6	618.3	612.4	618.5	610.5	615.9	607.1	613.2	605.1
87.5°	394.1	380.2	373.0	363.1	359.4	349.9	346.0	339.1	341.1	338.0	339.8
90°	166.8	156.4	156.2	149.0	150.6	144.6	148.0	144.5	148.7	145.1	150.0
92.5°	65.0	68.0	73.2	79.1	84.1	89.4	94.6	100.5	105.5	111.2	116.2
95°	79.9	82.5	89.7	96.8	103.9	111.1	118.4	125.5	132.7	139.8	146.9
97.5°	99.8	101.4	108.5	115.6	122.8	130.0	137.0	144.6	151.8	158.8	166.0
100°	114.2	114.4	134.8	155.1	175.3	195.8	216.1	236.4	257.1	277.4	297.7
102.5°	210.6	215.7	267.1	318.7	369.9	421.3	472.9	524.4	575.7	627.5	679.0
105°	461.8	482.0	560.4	639.0	717.3	795.8	874.4	953.2	1031.7	1110.3	1188.9
107.5°	854.2	891.0	961.9	1033.0	1103.7	1174.8	1245.9	1316.9	1387.9	1459.1	1530.4
110°	1202.9	1241.9	1289.4	1337.2	1384.9	1432.5	1480.0	1527.7	1575.7	1623.4	1671.4



TEST NUMBER: P1444639

CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	1358.8	1384.2	1411.9	1439.9	1467.8	1495.7	1523.6	1551.6	1579.8	1608.0	1636.1
115°	1354.1	1366.3	1377.0	1388.3	1399.0	1410.3	1421.4	1432.8	1444.1	1455.3	1466.8
117.5°	1249.6	1254.2	1255.9	1257.9	1259.9	1262.2	1264.4	1266.7	1269.3	1271.7	1273.8
120°	1093.4	1092.4	1090.9	1089.5	1088.2	1087.0	1085.9	1084.7	1083.8	1083.0	1081.8
122.5°	935.9	933.6	932.1	930.9	929.8	928.9	928.0	927.4	926.5	925.7	924.8
125°	798.0	795.7	797.8	800.0	802.1	804.5	806.7	809.5	811.9	814.4	817.0
127.5°	697.1	696.8	701.5	706.4	711.2	716.2	721.3	726.5	731.3	736.7	741.5
130°	633.7	635.3	641.2	647.5	653.5	659.8	666.2	672.7	678.7	684.9	691.1
132.5°	598.0	601.4	606.9	613.0	619.0	625.1	631.2	637.3	643.5	649.8	655.5
135°	580.1	584.3	589.6	595.2	600.7	606.6	612.0	617.9	623.2	629.0	634.3
137.5°	569.8	574.0	578.7	583.2	587.6	592.5	597.1	601.8	606.3	611.0	615.4
140°	568.5	572.7	575.3	578.5	581.3	584.3	587.0	590.2	592.8	595.9	598.6
142.5°	565.5	569.4	571.0	573.3	575.1	577.7	579.6	581.8	583.6	585.5	587.3
145°	565.1	568.1	568.5	569.5	570.1	571.0	571.5	572.4	572.7	573.4	573.8
147.5°	562.3	564.5	564.4	564.8	565.1	565.1	565.5	565.7	565.6	565.8	565.9
150°	556.7	558.3	557.8	557.8	557.3	557.1	556.6	556.5	556.0	555.8	555.3
152.5°	549.9	551.2	550.3	550.1	549.4	548.9	548.2	547.9	547.2	546.6	546.3
155°	540.5	541.2	540.7	540.5	540.1	539.9	539.4	539.6	539.3	539.1	538.9
157.5°	536.7	536.7	536.5	536.2	535.8	535.8	535.5	535.5	535.5	535.8	536.0
160°	535.4	535.7	535.3	535.0	534.9	534.7	534.4	534.6	534.6	535.0	535.2
162.5°	535.1	534.9	534.6	534.4	534.1	534.1	534.1	534.5	534.4	534.8	535.0
165°	538.8	539.0	538.1	538.1	537.6	537.4	537.1	537.1	537.1	537.3	537.4
167.5°	541.9	541.7	541.7	541.9	541.9	542.1	542.3	543.0	543.2	544.0	544.2
170°	548.1	548.2	547.9	547.8	547.5	547.5	547.5	547.5	547.6	547.8	547.8
172.5°	555.9	555.9	555.4	555.0	554.5	554.3	553.8	553.8	553.3	553.1	552.6
175°	560.9	560.7	560.5	560.2	560.0	559.6	559.3	558.7	558.5	558.2	558.0
177.5°	565.3	564.9	564.7	564.7	564.5	564.4	564.4	564.2	564.2	564.2	563.8
180°	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9
2.5°	50116.2	50115.7	50110.8	50113.1	50114.0	50117.5	50121.8	50126.3	50127.2	50130.8	50131.6
5°	50491.3	50367.3	50275.6	50174.8	50098.9	50030.7	49985.2	49949.1	49935.0	49938.5	49947.0
7.5°	51508.3	51252.3	51041.2	50801.1	50600.9	50388.9	50213.2	50046.1	49924.4	49833.6	49783.0
10°	52624.3	52312.6	52014.4	51667.0	51337.4	50985.7	50667.1	50346.3	50078.7	49846.5	49676.0
12.5°	53119.7	52899.2	52641.5	52313.6	51960.9	51555.1	51145.2	50705.8	50297.3	49917.9	49612.0
15°	52595.2	52595.6	52501.7	52344.3	52099.4	51775.0	51384.6	50926.5	50444.5	49952.6	49503.1
17.5°	50930.6	51244.8	51419.4	51529.9	51496.0	51376.5	51128.1	50776.3	50326.8	49802.9	49254.5
20°	48072.1	48812.9	49340.9	49816.0	50082.2	50259.1	50241.3	50098.2	49778.1	49332.6	48761.5
22.5°	44067.8	45311.0	46292.1	47207.0	47848.7	48370.5	48618.7	48724.0	48579.0	48268.6	47732.3
25°	39204.0	40894.5	42337.1	43737.2	44787.5	45690.0	46232.5	46614.6	46645.0	46482.8	46004.3
27.5°	33799.5	35795.0	37620.9	39481.6	40958.5	42256.0	43107.4	43730.5	43928.5	43902.3	43467.9
30°	28402.0	30496.8	32509.4	34679.1	36506.7	38164.5	39289.0	40131.8	40456.5	40518.7	40100.8
32.5°	23304.5	25370.3	27377.3	29645.7	31656.8	33556.7	34885.3	35886.4	36264.1	36352.9	35894.5
35°	18678.3	20584.1	22491.4	24689.9	26689.5	28656.8	30056.8	31104.8	31457.6	31517.0	30986.3
37.5°	14666.4	16290.2	17952.2	19924.7	21761.1	23608.7	24938.9	25923.9	26180.8	26165.0	25564.3
40°	11288.5	12550.9	13886.4	15510.3	17036.9	18598.9	19722.2	20536.4	20671.4	20571.4	19940.4
42.5°	8488.4	9400.1	10368.2	11580.5	12713.2	13882.2	14699.4	15303.9	15323.2	15165.1	14598.8
45°	6323.8	7213.4	7619.3	8352.3	9081.9	9859.2	10358.2	10731.6	10673.8	10534.7	10104.3
47.5°	4820.8	5162.7	5525.2	5979.7	6404.8	7286.8	7221.4	7821.0	7389.2	7683.7	7035.4
50°	3828.2	4019.3	4214.7	4455.8	4677.9	4908.4	5052.5	5160.1	5146.2	5099.9	4975.7
52.5°	3256.8	3316.0	3412.1	3549.4	3673.3	3798.0	3880.0	3946.8	3948.1	3929.4	3866.6
55°	2722.1	2797.0	2866.2	2955.9	3108.5	3132.0	3249.6	3225.8	3235.0	3202.4	3235.8
57.5°	2400.0	2443.6	2482.5	2535.9	2580.1	2631.5	2661.9	2691.1	2688.4	2682.0	2650.0
60°	2171.8	2195.9	2217.5	2248.6	2272.9	2302.0	2315.9	2330.8	2325.9	2315.1	2286.6
62.5°	1995.9	2010.9	2023.3	2043.3	2058.1	2076.1	2083.5	2089.8	2083.5	2073.2	2048.1
65°	1822.3	1832.0	1839.8	1854.9	1865.3	1880.9	1887.0	1892.9	1887.2	1879.2	1859.9
67.5°	1665.7	1666.6	1665.9	1672.0	1675.3	1684.5	1687.4	1691.7	1684.9	1678.0	1661.8
70°	1547.0	1544.5	1541.6	1544.0	1544.5	1549.1	1549.7	1549.1	1541.0	1529.1	1511.3
72.5°	1454.2	1452.9	1450.6	1452.7	1452.7	1456.7	1455.4	1453.4	1443.6	1432.0	1414.5
75°	1334.8	1333.9	1329.4	1329.6	1325.9	1327.3	1322.3	1319.6	1308.6	1298.9	1283.2
77.5°	1195.2	1193.0	1186.5	1184.0	1177.0	1174.0	1164.9	1160.4	1149.2	1141.4	1128.0
80°	1039.4	1037.0	1028.5	1023.9	1012.7	1005.7	992.2	984.6	971.8	964.1	951.0
82.5°	859.1	860.1	851.7	845.9	829.9	817.6	799.7	789.9	775.8	768.3	755.0
85°	611.1	602.2	606.9	606.6	596.5	585.8	571.3	561.1	549.2	542.0	532.6
87.5°	335.2	337.2	334.8	332.7	325.6	320.2	308.8	302.9	294.2	289.9	282.8
90°	138.7	135.9	125.2	122.7	112.2	106.7	94.7	90.5	79.4	77.0	69.8
92.5°	110.2	104.1	98.5	92.0	86.4	80.4	74.4	68.3	62.3	59.9	58.2
95°	138.2	129.8	121.0	112.4	103.6	95.0	86.4	77.8	69.1	67.3	65.5
97.5°	156.0	145.7	135.5	125.3	115.1	104.8	94.8	84.5	74.3	73.2	72.0
100°	274.3	250.8	227.1	203.4	180.1	156.4	132.9	109.2	85.8	84.4	83.1
102.5°	621.6	564.4	507.2	450.1	393.0	335.6	278.5	221.1	163.9	155.7	147.4
105°	1102.2	1015.5	929.2	842.6	755.9	669.2	582.8	496.0	409.3	381.5	353.6
107.5°	1449.0	1367.4	1286.4	1205.1	1123.5	1042.3	960.9	879.3	797.8	748.9	700.0
110°	1606.9	1542.3	1478.0	1413.5	1349.1	1284.5	1219.9	1155.3	1090.7	1048.5	1006.6



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	1589.0	1541.8	1494.9	1447.6	1400.5	1353.2	1306.1	1258.7	1211.3	1185.9	1160.5
115°	1438.7	1410.5	1382.4	1354.1	1325.8	1297.5	1269.3	1240.5	1212.1	1198.9	1185.6
117.5°	1260.0	1245.6	1231.7	1217.3	1203.2	1188.7	1174.5	1160.0	1145.6	1141.3	1136.6
120°	1078.3	1074.3	1070.1	1066.1	1062.1	1058.1	1053.8	1049.7	1045.3	1046.2	1047.2
122.5°	927.2	929.3	931.7	933.6	936.0	937.9	940.2	941.8	943.9	947.9	951.8
125°	821.8	826.5	831.3	835.9	840.6	845.3	850.2	854.4	859.2	863.1	867.5
127.5°	747.2	752.3	757.8	762.8	768.3	773.3	778.7	783.6	788.9	792.6	796.7
130°	696.1	700.6	705.5	709.9	714.8	719.4	723.9	728.6	733.2	736.4	739.7
132.5°	659.8	664.1	668.5	672.6	677.1	681.0	685.4	689.6	694.1	696.4	699.2
135°	637.9	641.0	644.5	647.5	651.3	654.3	657.7	661.2	664.8	666.7	668.8
137.5°	618.2	620.9	623.9	626.6	629.5	632.2	635.4	638.3	641.6	642.7	644.5
140°	601.4	604.4	607.2	610.1	613.1	616.1	619.5	622.6	626.0	627.2	628.9
142.5°	589.8	591.8	594.2	596.4	599.1	601.3	604.0	606.9	609.7	611.1	612.5
145°	576.5	579.0	581.7	584.2	586.8	589.7	592.9	595.9	599.2	600.2	601.4
147.5°	568.1	570.0	572.6	574.8	577.3	579.5	582.6	585.1	588.2	589.3	590.3
150°	557.7	559.9	562.3	564.5	567.2	569.8	572.7	575.6	579.1	580.3	581.6
152.5°	548.7	551.0	553.5	556.3	559.0	561.9	565.0	568.1	571.3	572.4	573.9
155°	541.4	543.6	546.3	549.1	551.9	554.5	557.6	560.5	563.6	565.1	566.4
157.5°	538.3	540.3	542.7	545.3	547.6	550.2	553.0	555.6	558.4	559.5	560.7
160°	537.3	539.2	541.4	543.8	546.0	548.3	550.8	553.0	555.5	556.6	557.7
162.5°	537.2	539.2	541.5	543.4	545.9	548.0	550.6	552.5	555.1	556.0	557.1
165°	539.0	540.6	542.4	543.9	545.9	547.2	549.3	550.9	552.9	553.6	555.0
167.5°	545.8	546.8	548.0	549.3	550.9	552.1	553.6	554.9	556.5	557.4	558.5
170°	549.0	550.1	551.1	552.3	553.5	554.8	556.0	557.0	558.6	559.4	560.4
172.5°	553.5	553.9	554.9	555.5	556.4	557.0	558.0	558.7	559.6	560.7	561.5
175°	558.6	558.9	559.3	559.5	559.9	560.3	560.9	561.6	562.0	562.6	563.2
177.5°	564.0	564.2	564.5	564.7	565.3	565.5	566.0	566.2	566.5	567.2	568.1
180°	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9
2.5°	50129.8	50129.3	50127.6	50125.4	50123.1	50124.4	50126.7	50132.4	50142.6	50157.1	50176.1
5°	49953.9	49964.1	49969.9	49970.7	49965.5	49962.2	49967.1	49980.9	50008.7	50055.2	50118.3
7.5°	49769.3	49782.0	49801.4	49816.0	49818.7	49815.2	49816.0	49837.6	49888.8	49979.6	50106.9
10°	49572.3	49534.8	49554.6	49590.7	49619.5	49624.7	49628.2	49653.8	49728.7	49865.9	50070.4
12.5°	49390.3	49271.8	49248.9	49281.5	49325.1	49339.1	49335.2	49346.2	49434.0	49615.6	49900.5
15°	49151.1	48927.9	48851.7	48860.0	48913.9	48933.3	48919.1	48897.5	48983.1	49204.7	49573.6
17.5°	48763.6	48403.9	48263.8	48257.6	48320.5	48337.3	48302.7	48235.6	48319.9	48596.5	49054.5
20°	48174.8	47643.7	47379.8	47337.9	47406.2	47386.3	47317.1	47215.8	47326.5	47662.8	48207.5
22.5°	47116.2	46443.3	45992.3	45847.0	45928.8	45874.2	45773.4	45643.8	45790.9	46173.0	46779.5
25°	45386.4	44608.9	43991.4	43645.2	43710.4	43612.5	43502.8	43345.8	43521.2	43959.8	44627.5
27.5°	42843.7	41945.6	41180.7	40607.3	40628.3	40500.1	40373.7	40170.6	40389.5	40908.7	41661.8
30°	39462.7	38423.5	37491.9	36712.7	36643.0	36518.7	36389.1	36122.5	36396.6	37018.0	37898.1
32.5°	35216.7	34063.0	32986.5	32001.3	31815.4	31694.1	31578.7	31271.9	31630.7	32355.3	33366.3
35°	30251.3	29022.1	27855.1	26729.9	26421.9	26300.6	26199.7	25905.8	26353.5	27142.0	28234.0
37.5°	24801.0	23545.3	22386.6	21232.7	20797.7	20633.2	20559.9	20367.2	20883.8	21663.8	22760.2
40°	19205.6	18038.2	16999.3	15980.2	15484.2	15232.4	15194.0	15158.9	15658.3	16335.0	17330.1
42.5°	13971.3	13029.4	12228.4	11449.4	11000.0	10656.1	10656.0	10760.3	11209.9	11716.7	12484.2
45°	9664.4	9032.3	8522.0	8001.4	8140.5	7454.9	7857.7	7651.1	7873.3	8200.0	8699.1
47.5°	6643.3	6298.3	6017.9	5727.2	5515.2	5312.8	5330.4	5461.0	5670.3	5864.1	6123.8
50°	4841.9	4666.1	4523.3	4372.3	4266.8	4177.5	4182.7	4239.2	4349.2	4451.4	4587.2
52.5°	3794.0	3697.0	3619.4	3535.9	3480.6	3436.2	3438.7	3466.1	3525.5	3583.8	3661.7
55°	3127.2	3115.4	3014.5	2939.7	2911.1	2881.3	2886.7	2897.5	2938.0	2972.1	3023.6
57.5°	2620.5	2575.2	2545.0	2505.5	2487.4	2466.5	2471.2	2475.2	2502.4	2525.2	2562.4
60°	2262.8	2230.8	2209.2	2182.4	2170.5	2157.3	2160.2	2162.7	2180.1	2194.9	2221.6
62.5°	2025.2	1996.4	1977.8	1957.1	1948.6	1939.7	1941.8	1942.6	1953.4	1964.4	1984.5
65°	1842.9	1820.1	1804.6	1786.7	1777.9	1768.6	1769.6	1769.6	1778.7	1786.7	1801.8
67.5°	1650.0	1632.9	1622.8	1608.7	1602.7	1593.3	1593.1	1590.0	1596.0	1599.1	1609.5
70°	1495.3	1478.0	1465.2	1451.5	1444.0	1435.7	1435.9	1436.1	1443.0	1450.2	1463.5
72.5°	1399.7	1383.1	1371.8	1359.9	1352.8	1345.6	1344.3	1343.7	1348.7	1352.6	1361.3
75°	1273.1	1259.9	1253.2	1242.0	1236.4	1228.4	1227.2	1223.4	1225.8	1226.6	1233.1
77.5°	1119.6	1107.0	1101.6	1090.3	1085.6	1076.5	1075.8	1071.7	1073.5	1072.3	1077.3
80°	944.6	933.2	930.1	920.9	918.6	910.2	908.9	903.9	905.4	901.4	903.3
82.5°	749.2	738.8	736.5	727.9	727.9	720.3	719.9	712.3	712.3	705.8	695.3
85°	527.7	520.1	516.9	509.8	507.7	501.6	498.4	491.1	488.6	483.9	482.4
87.5°	278.5	273.7	269.3	266.0	259.8	248.8	247.9	240.3	240.9	235.5	235.8
90°	68.3	61.7	60.4	54.3	52.6	48.2	46.9	47.1	48.3	48.7	50.1
92.5°	56.3	54.2	52.3	50.2	48.2	46.2	44.2	46.2	48.2	50.2	52.3
95°	63.7	61.9	60.1	58.3	56.5	54.7	52.9	54.7	56.5	58.5	60.3
97.5°	70.9	69.7	68.7	67.5	66.4	65.2	64.1	65.3	66.5	67.6	68.8
100°	81.7	80.4	79.1	77.7	76.3	75.0	73.7	75.4	76.7	78.1	79.5
102.5°	139.4	131.1	122.8	114.5	106.3	98.0	89.8	98.0	106.3	114.7	123.0
105°	325.7	298.0	270.0	242.1	214.2	186.3	158.4	186.5	214.4	242.3	270.4
107.5°	650.9	602.1	553.0	504.0	454.8	405.8	356.7	406.0	455.1	504.2	553.3
110°	964.2	922.0	879.7	837.5	795.1	752.8	710.4	753.0	795.4	837.9	880.3



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	1134.7	1109.2	1083.6	1058.0	1032.1	1006.5	980.6	1006.9	1032.8	1058.9	1084.6
115°	1172.3	1158.8	1145.6	1132.1	1118.4	1105.0	1091.1	1105.6	1119.4	1133.3	1147.1
117.5°	1132.1	1127.8	1123.0	1118.5	1113.8	1109.1	1104.2	1109.5	1114.7	1120.2	1124.9
120°	1047.7	1048.9	1049.6	1050.2	1050.9	1051.4	1051.8	1052.2	1052.2	1052.2	1052.0
122.5°	955.8	959.7	963.4	967.2	970.9	974.5	977.8	975.2	972.4	969.6	966.4
125°	871.4	875.7	879.5	883.6	887.2	891.2	894.3	892.1	889.3	886.3	883.1
127.5°	800.6	804.3	807.8	811.8	815.0	818.4	821.4	819.5	817.1	814.6	811.8
130°	742.6	746.0	748.6	751.6	754.2	756.6	758.8	757.8	756.3	755.0	752.9
132.5°	701.6	704.4	706.8	709.2	711.0	713.2	714.5	714.3	713.4	712.7	711.3
135°	670.9	672.8	674.6	676.7	678.0	679.3	680.1	680.7	680.4	680.2	679.4
137.5°	645.7	647.3	648.4	649.5	650.3	651.0	651.3	652.3	652.7	653.5	653.4
140°	630.0	631.7	632.9	634.0	634.9	635.8	635.9	637.2	637.6	638.1	637.9
142.5°	613.8	615.3	616.6	617.9	618.4	619.3	619.6	620.7	621.1	621.6	621.6
145°	602.6	603.6	604.7	605.7	606.2	606.6	606.5	607.9	608.6	609.2	609.7
147.5°	591.3	592.5	593.1	593.9	594.5	594.9	595.0	595.9	596.8	597.4	597.9
150°	583.0	584.3	585.4	586.5	587.3	588.1	588.3	589.2	589.6	590.1	590.1
152.5°	574.9	576.0	577.1	578.1	578.9	579.4	579.7	580.5	581.3	582.0	582.2
155°	567.6	568.8	569.9	571.1	571.8	572.8	573.5	574.2	574.8	575.1	575.5
157.5°	561.8	563.0	564.0	565.1	565.9	567.0	567.8	568.6	569.2	570.0	570.3
160°	558.6	560.0	560.7	561.9	562.7	563.7	564.4	565.4	566.1	566.7	567.5
162.5°	558.0	559.2	559.7	560.9	561.8	562.7	563.4	564.4	565.1	565.9	566.5
165°	556.2	557.3	558.2	559.4	560.6	561.8	562.5	563.2	563.6	564.0	564.4
167.5°	559.4	560.6	561.4	562.6	563.2	564.5	565.5	566.0	566.3	566.7	567.0
170°	561.2	562.2	563.1	563.9	564.8	565.9	566.5	566.9	567.1	567.5	567.9
172.5°	562.4	563.4	564.3	565.4	566.3	567.3	568.1	568.3	568.3	568.2	568.1
175°	563.9	564.8	565.5	566.3	567.0	567.8	568.5	568.2	568.4	568.1	568.1
177.5°	568.9	570.0	570.8	571.5	572.4	573.1	573.9	573.3	572.8	572.3	571.6
180°	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9
2.5°	50202.9	50228.1	50266.4	50301.3	50353.8	50395.1	50457.2	50504.3	50574.4	50619.9	50696.2
5°	50207.4	50305.6	50434.8	50560.8	50712.4	50849.9	51020.8	51166.5	51338.3	51478.5	51654.3
7.5°	50278.4	50467.8	50694.8	50923.6	51182.3	51424.2	51696.9	51943.8	52213.5	52441.9	52691.3
10°	50330.8	50622.9	50957.5	51294.1	51648.5	51977.7	52310.1	52597.3	52865.7	53086.7	53281.8
12.5°	50259.8	50662.2	51091.5	51506.1	51900.2	52240.9	52526.9	52747.8	52900.2	53003.6	53027.9
15°	50018.4	50502.7	50969.4	51382.3	51709.3	51961.5	52092.0	52153.1	52087.5	51978.6	51739.3
17.5°	49567.4	50078.2	50495.6	50821.2	50994.0	51062.5	50954.3	50766.2	50398.6	49990.6	49401.3
20°	48740.8	49216.7	49519.4	49697.0	49650.7	49479.8	49071.6	48575.4	47841.5	47059.4	46027.2
22.5°	47290.7	47706.7	47868.0	47881.3	47599.2	47171.2	46434.9	45583.8	44426.0	43222.4	41742.1
25°	45114.0	45478.4	45504.0	45360.8	44844.6	44151.1	43069.9	41865.9	40292.7	38688.8	36833.9
27.5°	42162.1	42511.6	42426.1	42158.9	41442.4	40514.3	39130.0	37574.6	35635.1	33740.8	31688.9
30°	38451.3	38825.0	38724.6	38381.9	37529.7	36432.7	34803.9	32996.9	30843.5	28820.2	26740.9
32.5°	34010.5	34483.1	34413.7	34088.1	33198.8	32024.7	30257.4	28340.8	26137.6	24143.9	22121.2
35°	28963.1	29536.8	29566.5	29353.5	28528.0	27367.6	25622.4	23767.3	21657.1	19775.8	17907.3
37.5°	23525.0	24190.1	24326.7	24269.4	23585.0	22560.8	20970.7	19306.5	17437.0	15788.3	14190.2
40°	18056.8	18730.1	18963.7	19033.0	18528.0	17734.6	16429.7	15086.4	13562.3	12226.4	10957.5
42.5°	13070.1	13666.9	13892.7	14034.7	13719.5	13190.4	12238.5	11263.0	10146.4	9182.9	8259.1
45°	9077.4	9499.6	9671.3	9814.2	9642.6	9344.1	8743.0	8132.9	7395.9	6766.1	6170.1
47.5°	6346.6	6579.4	6692.8	6762.1	6695.5	6539.9	6212.7	5859.3	5443.2	5075.2	4721.5
50°	4704.1	4828.1	4887.4	4927.5	4879.0	4792.5	4615.4	4423.0	4194.5	3986.1	3782.4
52.5°	3727.9	3799.0	3834.2	3855.8	3828.0	3775.1	3672.1	3557.9	3420.9	3292.1	3224.4
55°	3140.5	3136.8	3218.3	3178.9	3218.3	3130.5	3112.1	2986.6	2872.9	2792.7	2706.1
57.5°	2590.0	2626.8	2642.5	2660.0	2648.6	2632.6	2588.8	2543.9	2483.9	2433.7	2380.3
60°	2242.0	2272.3	2289.4	2306.8	2305.7	2299.7	2274.4	2247.5	2210.0	2180.1	2147.6
62.5°	2002.2	2028.5	2045.4	2062.0	2063.5	2061.1	2041.9	2023.3	1997.8	1978.9	1956.5
65°	1813.6	1832.0	1843.5	1856.8	1856.0	1852.5	1835.2	1819.7	1798.7	1785.6	1769.2
67.5°	1616.1	1630.1	1639.0	1651.6	1654.0	1654.7	1645.2	1637.9	1627.7	1624.0	1618.4
70°	1475.8	1492.8	1507.1	1522.9	1531.5	1535.6	1531.5	1527.7	1521.8	1519.2	1515.0
72.5°	1369.5	1383.8	1395.0	1409.4	1417.4	1423.2	1420.1	1418.0	1412.8	1412.0	1409.1
75°	1237.6	1247.4	1253.8	1264.6	1268.9	1274.3	1271.9	1273.1	1271.5	1275.6	1275.4
77.5°	1078.9	1086.2	1089.2	1097.0	1097.8	1104.3	1105.8	1113.4	1118.8	1130.7	1137.1
80°	900.4	905.0	905.0	913.0	916.6	927.6	932.8	945.2	951.0	961.7	962.6
82.5°	699.4	694.0	699.4	696.0	706.3	718.6	720.3	730.9	733.4	740.0	734.8
85°	478.2	477.8	473.5	474.2	471.0	472.6	470.7	472.8	470.9	471.0	466.2
87.5°	229.1	231.1	226.1	227.8	223.0	225.1	220.9	224.3	219.2	219.9	212.5
90°	50.9	52.1	52.8	54.2	56.2	59.7	63.6	67.2	71.6	74.9	79.0
92.5°	54.2	56.4	58.3	60.4	62.4	68.4	74.5	80.4	86.7	92.5	98.6
95°	62.1	63.8	65.7	67.9	69.6	78.4	87.0	95.8	104.4	113.2	121.8
97.5°	70.2	71.4	72.5	73.7	74.9	85.2	95.5	105.7	116.0	126.2	136.3
100°	80.8	82.2	83.6	85.1	86.4	110.1	133.8	157.5	181.1	204.5	228.2
102.5°	131.4	139.7	147.9	156.6	164.8	222.2	279.6	336.9	393.9	451.4	508.6
105°	298.4	326.3	354.6	382.5	410.4	497.2	584.1	670.9	757.3	844.1	930.9
107.5°	602.6	651.7	701.1	750.2	799.3	881.0	962.5	1044.0	1125.7	1207.2	1288.5
110°	923.0	965.1	1007.9	1050.4	1092.8	1157.3	1222.3	1286.9	1351.6	1416.3	1480.9



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	1110.7	1136.4	1162.3	1187.8	1213.7	1261.1	1309.0	1356.3	1403.9	1450.9	1498.4
115°	1160.9	1174.1	1188.0	1201.4	1215.3	1244.0	1272.4	1301.0	1329.7	1358.0	1386.7
117.5°	1129.9	1134.8	1139.7	1144.3	1149.2	1163.7	1178.4	1193.0	1207.6	1222.2	1236.7
120°	1051.8	1051.2	1050.9	1050.2	1049.8	1054.0	1058.7	1062.9	1067.5	1071.7	1075.9
122.5°	963.2	959.7	956.3	952.7	949.3	947.2	945.6	943.6	942.2	940.0	938.3
125°	879.7	876.2	872.7	868.9	865.0	860.8	856.4	852.0	847.5	843.0	838.6
127.5°	809.1	805.8	802.7	799.2	795.7	790.6	785.8	780.6	776.0	770.7	765.8
130°	751.1	748.5	746.4	743.4	741.0	736.2	732.1	727.6	723.2	718.7	714.2
132.5°	710.0	708.1	706.5	704.1	702.3	698.2	694.6	690.1	686.2	682.1	678.3
135°	678.8	677.7	676.7	675.1	673.7	670.3	667.5	664.2	661.2	657.9	654.9
137.5°	653.5	652.8	652.3	651.6	651.0	648.1	645.7	642.9	640.3	637.6	635.1
140°	638.0	637.5	637.2	636.5	635.8	633.0	630.3	627.4	624.7	621.9	619.1
142.5°	621.5	621.1	620.9	620.2	619.7	617.4	615.4	613.2	611.0	608.7	606.7
145°	609.8	609.7	609.8	609.3	609.5	606.8	604.5	601.7	599.7	597.0	594.8
147.5°	598.4	598.4	598.6	598.5	598.9	596.5	594.9	592.6	590.8	588.7	586.9
150°	590.3	590.3	590.3	590.1	589.9	587.7	585.9	583.8	582.1	579.8	578.1
152.5°	582.4	582.6	582.9	582.9	583.1	581.1	579.2	577.0	575.0	572.8	570.9
155°	575.9	576.1	576.3	576.3	576.3	574.5	572.8	570.7	568.9	567.0	565.2
157.5°	570.7	571.1	571.5	571.7	571.9	570.3	568.7	567.2	565.6	563.9	562.4
160°	567.8	568.3	568.7	568.9	569.2	567.9	567.0	565.2	564.2	562.6	561.1
162.5°	567.0	567.6	568.0	568.1	568.4	567.1	566.2	564.8	563.5	561.8	560.5
165°	564.9	564.9	565.2	565.2	565.4	564.5	563.8	562.9	562.1	560.9	560.0
167.5°	567.3	567.3	567.7	567.5	567.7	567.0	566.9	566.1	565.4	564.7	564.0
170°	567.9	568.1	568.2	568.1	568.3	567.7	567.2	566.6	566.2	565.2	564.5
172.5°	568.1	567.9	567.8	567.8	567.5	567.0	566.8	566.3	566.1	565.6	565.2
175°	567.9	567.7	567.5	567.3	567.0	567.0	566.7	566.7	566.5	566.2	566.0
177.5°	571.3	570.8	570.1	569.6	569.1	568.9	568.9	568.6	568.8	568.6	568.4
180°	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9
2.5°	50743.3	50430.0	50388.5	50410.5	50463.0	50482.3	50538.8	50554.3	50611.1	50625.2	50679.8
5°	51790.3	51376.1	51396.8	51496.3	51647.2	51737.0	51885.2	51962.7	52104.3	52168.6	52296.4
7.5°	52894.4	52569.2	52670.6	52838.5	53044.7	53187.4	53365.5	53481.4	53634.9	53730.0	53852.9
10°	53436.5	53347.4	53459.0	53591.2	53708.8	53801.0	53876.4	53936.8	53976.3	54013.4	54029.6
12.5°	53024.0	53161.9	53180.9	53168.1	53090.2	53030.7	52897.1	52806.3	52645.0	52546.8	52355.0
15°	51494.7	51798.0	51630.0	51375.8	51003.7	50693.5	50255.5	49929.3	49473.1	49163.7	48705.9
17.5°	48810.8	49193.7	48756.0	48167.7	47419.3	46779.0	45981.7	45348.9	44556.2	43979.6	43239.7
20°	45032.6	45390.3	44609.8	43634.5	42476.8	41502.4	40353.4	39436.6	38368.9	37574.6	36616.1
22.5°	40328.2	40583.0	39483.5	38168.7	36693.7	35476.5	34102.6	33003.6	31785.1	30877.0	29855.0
25°	35123.7	35192.6	33873.6	32358.8	30714.9	29346.8	27880.2	26724.7	25481.9	24561.6	23558.6
27.5°	29870.9	29770.0	28344.3	26738.3	25009.0	23587.1	22156.6	21073.8	19985.3	19156.4	18292.2
30°	24912.8	24668.6	23188.4	21537.5	19858.9	18584.5	17396.9	16527.3	15661.4	15003.8	14310.2
32.5°	20366.2	20021.7	18580.8	17034.2	15619.7	14636.2	13755.6	13097.6	12398.4	11842.9	11260.8
35°	16339.0	15972.0	14695.5	13384.3	12313.8	11588.8	10896.7	10356.9	9763.3	9294.6	8789.0
37.5°	12882.9	12582.0	11512.8	10481.1	9671.3	9109.5	8542.5	8101.2	7610.6	7404.4	6864.3
40°	9945.5	9735.3	8899.2	8138.7	7530.6	7266.7	6691.1	6278.9	5912.2	5609.9	5317.1
42.5°	7757.6	7683.3	6869.7	6276.5	5848.3	5515.8	5195.0	4934.6	4681.0	4472.6	4275.8
45°	5693.0	5634.2	5272.9	4930.4	4638.7	4406.3	4189.5	4010.3	3844.6	3707.2	3582.4
47.5°	4433.1	4414.3	4206.2	3993.9	3810.2	3660.9	3520.1	3401.1	3291.2	3199.5	3169.6
50°	3605.6	3603.2	3481.1	3350.1	3219.2	3133.0	3043.1	2972.8	2902.1	2847.1	2789.0
52.5°	3063.6	3050.4	2968.0	2887.0	2809.3	2752.6	2695.3	2650.3	2603.5	2569.6	2533.5
55°	2637.4	2651.5	2603.7	2555.4	2506.8	2471.5	2431.3	2401.7	2369.6	2348.1	2326.3
57.5°	2341.5	2359.9	2334.9	2307.6	2277.9	2254.7	2227.0	2206.5	2185.1	2171.4	2158.8
60°	2126.1	2146.3	2136.3	2122.4	2104.1	2090.4	2072.6	2061.3	2047.5	2039.8	2032.7
62.5°	1943.4	1968.7	1965.0	1958.6	1946.8	1939.2	1929.5	1924.5	1915.3	1912.0	1908.6
65°	1761.1	1789.5	1788.9	1785.8	1779.2	1777.0	1771.0	1770.0	1765.3	1767.1	1766.7
67.5°	1617.8	1642.5	1647.9	1651.7	1651.6	1653.1	1652.5	1654.9	1654.9	1658.5	1660.7
70°	1514.4	1531.5	1535.6	1539.7	1540.8	1544.1	1544.1	1546.2	1545.7	1548.7	1549.1
72.5°	1409.8	1432.4	1436.5	1439.8	1439.8	1443.0	1441.3	1440.7	1436.3	1435.3	1432.2
75°	1279.7	1308.6	1314.9	1319.0	1319.6	1322.3	1318.4	1316.1	1308.6	1305.5	1300.3
77.5°	1143.8	1173.8	1178.2	1179.7	1177.4	1177.9	1169.7	1164.1	1154.6	1150.6	1145.6
80°	966.9	1011.1	1014.6	1011.8	1004.9	1003.8	995.7	990.5	979.2	975.3	971.0
82.5°	735.7	787.6	794.9	798.0	792.4	793.7	786.1	783.1	772.7	770.8	763.9
85°	464.5	516.4	524.9	523.7	518.1	516.7	512.3	513.7	512.8	515.6	517.1
87.5°	213.4	263.5	275.7	271.8	271.2	267.7	259.6	262.7	267.5	270.6	270.8
90°	82.8	101.8	105.2	103.3	96.6	93.9	87.6	85.9	80.3	78.4	72.9
92.5°	104.6	110.7	116.7	111.3	106.0	100.6	95.3	89.8	84.6	79.1	73.9
95°	130.5	138.8	147.5	140.4	133.1	125.9	118.8	111.7	104.5	97.3	90.3
97.5°	146.6	156.5	166.6	159.4	152.4	145.0	137.8	130.7	123.6	116.2	109.1
100°	251.9	274.8	298.3	278.0	257.5	237.2	216.9	196.4	176.0	155.8	135.3
102.5°	565.8	622.6	679.5	628.0	576.4	524.9	473.6	422.1	370.7	319.0	267.7
105°	1017.3	1103.3	1189.7	1110.8	1032.3	953.8	875.2	796.6	718.0	639.4	561.0
107.5°	1369.9	1450.1	1531.1	1460.0	1388.8	1317.9	1246.5	1175.6	1104.4	1033.3	962.3
110°	1545.4	1608.4	1672.6	1624.5	1576.8	1528.7	1481.0	1433.1	1385.4	1337.9	1290.2



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	1545.5	1590.7	1637.4	1608.9	1581.0	1552.7	1524.7	1496.5	1468.7	1440.4	1412.9
115°	1414.7	1440.6	1468.3	1456.6	1445.4	1434.0	1422.6	1411.5	1400.1	1388.9	1378.0
117.5°	1251.0	1262.4	1275.8	1273.1	1271.0	1268.2	1266.1	1263.5	1261.5	1259.2	1257.2
120°	1080.1	1081.0	1084.2	1084.9	1086.1	1086.8	1087.9	1088.9	1090.0	1091.0	1092.4
122.5°	936.2	930.5	927.4	928.2	928.9	929.4	930.4	931.1	932.1	933.0	934.0
125°	834.1	825.3	819.6	817.1	814.6	812.0	809.5	806.9	804.8	802.4	800.2
127.5°	760.7	751.1	744.9	739.9	734.8	729.6	724.6	719.3	714.5	709.3	704.7
130°	709.9	700.6	694.9	688.5	682.6	676.0	670.1	663.7	657.4	651.3	645.2
132.5°	674.0	664.9	659.6	653.7	648.0	641.6	635.9	629.6	623.7	617.4	611.7
135°	651.6	643.1	638.8	633.1	628.1	622.4	616.9	611.3	605.9	600.1	595.0
137.5°	632.2	623.8	620.1	615.5	611.3	606.7	602.5	597.7	593.4	588.4	584.3
140°	616.3	607.4	603.4	600.8	598.4	595.4	592.7	589.9	587.3	584.5	581.7
142.5°	604.5	595.9	592.4	590.5	589.0	587.0	585.6	583.7	581.8	579.5	577.8
145°	592.4	582.8	579.1	578.4	578.3	577.8	577.3	576.8	576.3	575.6	575.1
147.5°	584.6	574.9	571.1	571.3	571.4	571.1	571.5	571.1	571.4	571.2	571.3
150°	575.7	564.7	560.3	560.8	561.2	561.7	562.2	562.6	563.3	563.6	564.1
152.5°	568.5	555.4	550.5	551.0	551.8	552.1	552.8	553.6	554.5	555.2	555.9
155°	562.7	548.5	543.2	543.1	543.3	543.7	543.9	544.4	544.8	545.3	545.9
157.5°	560.4	545.4	540.3	539.8	539.9	539.9	539.9	540.2	540.4	540.5	541.2
160°	559.5	544.6	539.5	539.0	539.1	538.9	538.7	538.8	539.0	539.2	539.7
162.5°	558.8	544.3	539.4	538.8	538.5	538.4	538.4	538.0	538.2	538.3	538.7
165°	558.7	545.9	541.4	541.2	541.2	541.1	541.2	541.3	541.5	541.8	542.2
167.5°	563.0	551.5	548.1	547.5	546.9	546.4	546.4	545.7	545.7	545.3	545.3
170°	563.7	554.6	551.5	551.4	551.5	551.5	551.3	551.3	551.3	551.3	551.5
172.5°	564.5	557.9	555.6	555.9	556.3	556.6	557.0	557.3	557.7	558.2	558.6
175°	565.8	561.8	560.8	560.7	561.0	561.2	561.4	561.7	561.9	562.1	562.6
177.5°	568.3	567.2	566.6	566.6	566.6	566.6	566.6	566.6	566.6	566.8	566.8
180°	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9
2.5°	50690.0	50749.1	50744.6	50799.8	50797.0	50849.0	50838.5	50883.5	50873.2	50911.6	50889.1
5°	52352.7	52465.2	52502.2	52603.7	52624.7	52715.4	52717.3	52789.5	52780.8	52837.3	52807.2
7.5°	53925.6	54030.6	54080.3	54159.2	54198.5	54263.8	54289.4	54343.0	54355.9	54387.6	54386.6
10°	54058.3	54058.0	54082.6	54071.6	54093.6	54080.9	54107.7	54098.1	54137.8	54127.5	54157.5
12.5°	52272.2	52094.9	52030.2	51871.1	51836.2	51699.6	51709.3	51621.7	51663.9	51610.1	51701.8
15°	48433.5	48022.3	47819.2	47461.6	47349.4	47066.9	47043.9	46856.2	46906.8	46808.6	46952.2
17.5°	42761.0	42113.6	41758.3	41236.2	41028.9	40629.3	40549.1	40307.5	40345.0	40223.3	40396.6
20°	35997.9	35215.5	34767.4	34163.5	33894.2	33417.8	33291.4	33021.2	33055.0	32933.8	33130.0
22.5°	29157.5	28338.5	27832.7	27199.8	26855.9	26407.8	26273.4	26001.8	26017.3	25903.6	26092.2
25°	22871.5	22086.3	21595.3	21020.5	20722.0	20311.2	20169.9	19926.1	19939.9	19846.2	20015.4
27.5°	17692.7	17048.5	16637.6	16155.8	15888.4	15550.5	15412.8	15207.7	15207.2	15138.4	15279.9
30°	13826.0	13288.4	12919.4	12499.9	12248.5	11943.8	11810.7	11627.2	11619.3	11570.5	11682.8
32.5°	10825.4	10347.2	10010.8	9641.5	9415.9	9154.4	9028.4	8881.0	8867.5	8823.3	8915.7
35°	8415.3	8012.6	7723.4	7412.5	7435.4	7049.5	7113.7	6813.9	6732.6	6715.0	6783.5
37.5°	6504.1	6192.2	5957.1	5724.3	5566.7	5403.5	5315.7	5236.9	5228.0	5220.3	5268.4
40°	5091.0	4872.7	4701.7	4542.0	4433.5	4333.9	4279.0	4235.7	4225.5	4219.7	4248.7
42.5°	4120.4	3973.0	3862.9	3765.4	3699.5	3645.3	3615.2	3591.1	3583.1	3583.3	3600.4
45°	3481.1	3391.8	3320.8	3260.3	3218.1	3236.6	3182.1	3210.7	3173.1	3212.0	3186.2
47.5°	3065.6	2989.6	2945.6	2902.7	2877.2	2856.7	2857.4	2857.8	2865.8	2867.1	2875.5
50°	2745.0	2701.1	2670.4	2643.0	2629.9	2619.0	2622.8	2625.5	2633.4	2633.9	2640.1
52.5°	2507.8	2478.9	2460.4	2443.4	2437.4	2431.3	2433.9	2432.8	2436.3	2434.5	2439.5
55°	2314.6	2301.0	2295.2	2288.9	2289.8	2288.1	2289.3	2283.1	2279.4	2274.8	2279.0
57.5°	2156.2	2154.3	2158.2	2160.8	2168.1	2170.7	2172.4	2165.3	2158.6	2152.5	2156.0
60°	2034.1	2037.0	2046.8	2054.5	2065.0	2069.9	2072.8	2068.8	2063.9	2058.9	2061.8
62.5°	1913.7	1918.3	1929.9	1938.6	1951.3	1957.8	1965.0	1965.4	1967.3	1965.4	1967.5
65°	1773.8	1779.6	1790.1	1797.4	1809.1	1814.9	1822.3	1823.6	1827.7	1826.7	1830.3
67.5°	1667.6	1672.8	1681.6	1688.4	1698.9	1704.8	1711.4	1711.8	1713.3	1712.9	1716.2
70°	1554.3	1556.9	1564.7	1570.5	1580.9	1587.1	1594.5	1596.8	1601.4	1602.2	1605.9
72.5°	1433.4	1432.4	1437.0	1439.6	1447.5	1452.3	1461.8	1467.0	1474.9	1476.9	1479.7
75°	1301.8	1300.7	1306.3	1308.6	1315.3	1320.1	1330.8	1337.7	1349.7	1354.8	1353.5
77.5°	1149.6	1152.2	1162.6	1168.4	1177.4	1183.4	1197.3	1208.3	1230.5	1240.1	1230.3
80°	979.2	982.0	992.8	998.2	1010.0	1017.4	1032.9	1045.7	1065.7	1070.0	1064.4
82.5°	769.8	770.6	780.3	784.3	799.7	810.7	830.2	840.5	852.8	850.9	849.5
85°	524.9	532.0	544.1	556.3	574.8	592.8	611.3	626.5	615.7	632.7	613.6
87.5°	280.5	279.8	296.2	293.6	319.7	334.8	350.8	358.4	367.1	365.3	365.5
90°	71.8	68.0	68.2	63.9	65.4	60.8	63.7	59.4	63.2	57.9	66.2
92.5°	68.4	65.5	62.6	59.7	56.8	53.9	51.0	48.0	45.2	42.2	45.2
95°	83.1	80.4	77.7	74.8	72.2	69.4	66.8	64.1	61.4	58.7	62.1
97.5°	102.0	100.4	98.8	97.2	95.7	94.2	92.6	91.1	89.3	87.7	90.0
100°	114.9	114.9	114.9	114.9	114.5	114.5	114.5	114.5	114.5	114.5	116.3
102.5°	216.1	211.0	205.9	200.5	195.4	190.3	185.2	180.0	174.8	169.7	177.3
105°	482.4	462.3	442.0	421.9	401.7	381.5	361.5	341.3	321.3	301.2	321.9
107.5°	891.6	854.8	818.0	781.4	744.6	708.0	671.4	634.7	598.2	561.6	594.4
110°	1242.5	1203.5	1164.4	1125.6	1086.5	1047.5	1008.6	969.8	930.9	892.1	923.3



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	1385.0	1359.4	1334.2	1309.0	1283.8	1258.8	1233.7	1208.7	1183.7	1158.7	1173.9
115°	1366.8	1354.9	1342.6	1330.6	1318.5	1306.3	1294.3	1282.6	1270.7	1258.9	1259.8
117.5°	1255.1	1250.7	1246.6	1242.4	1238.2	1234.2	1230.2	1226.4	1222.4	1218.8	1210.4
120°	1093.9	1094.7	1095.5	1096.7	1098.0	1099.3	1100.3	1101.8	1103.4	1105.0	1093.6
122.5°	935.2	937.7	940.2	943.0	945.8	948.9	951.8	955.2	958.5	961.8	950.5
125°	797.8	800.3	802.6	805.3	807.6	810.8	813.7	817.1	820.3	823.7	814.1
127.5°	699.9	700.3	700.6	701.3	702.0	703.1	704.3	705.7	707.2	709.0	703.0
130°	639.0	637.4	635.6	634.3	632.7	631.9	631.0	630.3	629.6	629.4	626.8
132.5°	605.6	602.4	599.4	596.4	593.7	591.4	588.9	587.0	585.0	583.5	582.8
135°	589.1	585.1	581.2	577.3	573.6	570.5	567.2	564.4	561.6	559.1	559.8
137.5°	579.6	575.8	571.7	568.0	564.2	561.2	557.8	554.9	552.2	549.8	551.0
140°	578.8	574.8	570.8	567.2	563.8	560.5	557.2	554.6	551.5	549.4	550.1
142.5°	575.7	572.6	568.7	565.6	562.2	559.4	556.6	554.1	551.3	549.4	550.3
145°	574.4	572.0	569.2	566.7	564.3	562.4	559.9	558.1	556.4	555.2	555.6
147.5°	571.1	569.3	567.1	565.4	563.2	562.0	560.2	559.0	557.7	556.8	557.0
150°	564.4	563.3	562.0	560.9	559.6	558.6	557.5	556.9	556.0	555.5	555.5
152.5°	556.6	555.7	554.4	553.5	552.4	551.7	550.9	550.4	549.7	549.2	549.1
155°	546.3	545.9	545.5	545.1	544.7	544.8	544.4	544.5	544.3	544.3	544.5
157.5°	541.4	541.5	541.2	541.6	541.6	541.7	541.7	542.2	542.1	542.7	543.1
160°	540.3	540.2	540.0	540.0	540.0	539.9	540.1	540.1	540.3	540.4	540.8
162.5°	538.9	539.5	539.7	540.1	540.5	540.9	541.5	542.2	542.6	543.4	543.9
165°	542.7	542.7	542.7	542.6	542.9	543.1	543.3	543.8	543.9	544.5	545.3
167.5°	545.1	545.5	545.5	546.0	546.3	546.9	547.3	548.2	548.7	549.7	550.3
170°	551.3	551.3	551.3	551.3	551.3	551.6	551.8	551.9	552.1	552.7	553.1
172.5°	558.9	558.9	558.5	558.9	558.5	558.9	558.9	559.1	559.1	559.2	559.4
175°	562.6	563.0	563.2	563.7	563.7	563.9	564.1	564.4	564.6	565.0	565.0
177.5°	566.8	567.0	567.0	567.0	567.0	567.2	567.2	567.2	567.2	567.0	567.2
180°	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9
2.5°	50926.5	50901.0	50927.1	50900.6	50927.1	50895.4	50916.9	50882.5	50891.4	50855.7	50864.8
5°	52852.1	52811.5	52833.1	52780.4	52786.0	52715.4	52714.2	52632.2	52610.5	52517.1	52476.2
7.5°	54409.2	54395.9	54403.4	54369.5	54365.6	54317.4	54294.6	54226.7	54184.0	54098.1	54039.4
10°	54162.7	54202.4	54212.7	54253.1	54261.6	54301.6	54310.0	54350.1	54358.5	54388.1	54388.5
12.5°	51697.5	51832.3	51864.5	52031.0	52101.1	52291.6	52393.8	52603.7	52728.3	52937.6	53066.3
15°	46948.3	47181.5	47274.5	47599.5	47779.4	48159.0	48397.4	48833.2	49140.7	49603.6	49933.7
17.5°	40411.9	40737.7	40884.9	41325.7	41613.3	42173.4	42577.3	43241.8	43750.5	44489.0	45074.3
20°	33163.5	33525.8	33725.4	34228.3	34567.8	35222.1	35726.3	36542.9	37223.8	38159.6	38959.8
22.5°	26151.3	26496.0	26717.6	27229.3	27611.5	28294.0	28857.4	29719.3	30482.3	31536.7	32496.2
25°	20079.3	20395.0	20595.4	21058.3	21417.1	22044.4	22582.4	23411.3	24157.9	25215.6	26199.4
27.5°	15350.4	15614.9	15808.0	16202.6	16519.2	17051.2	17513.2	18198.3	18841.6	19756.7	20632.8
30°	11752.0	11986.4	12174.4	12518.1	12811.5	13272.6	13679.0	14254.4	14786.8	15515.0	16211.9
32.5°	8980.5	9182.3	9349.7	9650.6	9916.8	10332.1	10698.2	11202.6	11659.5	12277.1	12850.5
35°	6847.3	7244.5	7216.3	7631.3	7698.0	7996.0	8322.6	8763.7	9168.4	9693.5	10181.5
37.5°	5314.6	5426.3	5545.9	5729.3	5922.2	6193.4	6469.2	7008.2	7205.7	7602.5	8006.6
40°	4285.7	4361.1	4440.2	4564.2	4699.1	4890.2	5091.1	5348.2	5611.6	5933.4	6261.9
42.5°	3623.1	3665.9	3716.2	3789.0	3872.2	3993.4	4127.7	4302.1	4485.3	4711.8	4942.9
45°	3237.1	3216.8	3231.7	3270.9	3321.0	3394.7	3479.4	3587.4	3706.7	3853.4	4009.6
47.5°	2877.2	2885.3	2889.9	2911.1	2938.0	2987.3	3038.8	3112.1	3253.5	3296.6	3381.8
50°	2639.5	2643.4	2642.1	2652.9	2666.5	2698.6	2732.0	2781.5	2831.1	2896.7	2959.4
52.5°	2440.3	2445.9	2445.1	2452.2	2459.4	2479.8	2500.8	2535.9	2568.3	2610.0	2646.1
55°	2282.9	2290.6	2293.5	2299.5	2303.1	2313.7	2322.1	2338.8	2352.7	2376.3	2398.1
57.5°	2161.9	2172.4	2177.2	2179.3	2175.0	2174.5	2171.6	2175.2	2178.0	2190.7	2203.0
60°	2066.7	2075.1	2076.3	2075.1	2067.2	2061.6	2052.7	2049.9	2048.4	2054.5	2061.3
62.5°	1966.9	1970.0	1967.9	1965.4	1956.5	1951.1	1941.8	1938.4	1935.3	1939.5	1943.1
65°	1829.0	1831.7	1829.0	1827.5	1819.5	1815.3	1807.4	1804.7	1800.3	1801.4	1800.7
67.5°	1717.0	1719.6	1717.5	1715.5	1710.0	1707.3	1701.5	1697.8	1692.4	1690.3	1686.6
70°	1605.3	1607.4	1604.3	1602.2	1595.8	1593.4	1588.0	1586.9	1582.5	1581.7	1577.3
72.5°	1476.9	1477.1	1472.6	1471.3	1466.6	1466.4	1464.2	1466.2	1466.1	1468.3	1467.4
75°	1345.5	1343.7	1338.1	1337.1	1333.5	1335.2	1332.8	1336.0	1336.4	1341.2	1341.8
77.5°	1213.9	1207.0	1196.3	1191.3	1184.2	1183.4	1179.2	1182.0	1181.1	1186.7	1188.9
80°	1047.6	1039.3	1025.6	1019.1	1010.7	1009.4	1005.7	1009.4	1007.5	1014.0	1018.7
82.5°	836.4	829.1	815.0	809.8	800.1	800.9	796.9	800.9	800.5	810.1	815.7
85°	618.6	613.8	599.3	586.4	572.1	563.7	555.5	554.0	551.5	555.5	558.8
87.5°	357.4	352.8	341.5	334.1	308.8	310.0	300.1	299.6	297.1	294.9	300.1
90°	64.8	72.0	71.0	77.5	77.3	84.8	85.1	92.2	91.8	98.7	99.5
92.5°	48.0	51.0	53.8	56.8	59.6	62.6	65.4	68.4	74.7	80.4	87.1
95°	65.4	68.8	72.1	75.5	78.9	82.2	85.6	88.9	98.0	107.2	116.4
97.5°	92.3	94.4	96.7	98.8	101.1	103.3	105.5	107.8	117.8	127.6	137.4
100°	118.1	119.8	121.6	123.5	125.2	127.0	128.8	130.5	149.9	168.9	187.9
102.5°	184.9	192.5	200.1	207.7	215.4	223.1	230.6	238.2	281.9	325.4	369.0
105°	342.7	363.4	384.5	405.2	426.0	446.7	467.8	488.5	558.3	628.0	698.0
107.5°	627.2	660.0	692.8	725.9	758.7	791.7	824.5	857.5	925.5	993.8	1061.8
110°	954.6	986.1	1017.3	1048.8	1080.0	1111.5	1143.0	1174.6	1215.6	1256.3	1297.4



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	1189.1	1204.4	1219.7	1235.1	1250.4	1266.1	1281.4	1297.0	1317.6	1338.1	1358.8
115°	1260.8	1261.6	1262.9	1264.0	1265.3	1266.4	1267.9	1269.2	1276.0	1282.7	1289.3
117.5°	1202.0	1193.8	1185.7	1177.4	1169.3	1161.5	1153.6	1145.9	1144.8	1143.9	1143.1
120°	1082.8	1071.6	1060.5	1049.4	1038.8	1027.9	1017.4	1006.9	1001.8	996.7	991.8
122.5°	939.5	928.4	917.5	906.7	896.1	885.6	875.3	865.1	861.7	858.3	855.2
125°	805.0	795.9	786.9	778.1	769.6	761.1	752.8	744.6	745.0	745.1	745.8
127.5°	697.5	692.1	686.8	681.7	677.0	672.1	667.6	662.8	666.1	669.0	672.3
130°	624.5	622.4	620.6	618.4	617.3	615.6	614.2	612.7	618.0	622.6	627.7
132.5°	582.8	582.7	582.9	583.1	583.7	584.3	585.2	585.8	591.5	596.9	602.6
135°	560.6	561.7	563.1	564.4	566.3	568.0	570.0	571.7	577.3	582.4	588.0
137.5°	552.4	553.8	555.6	557.3	559.7	561.7	564.2	566.4	570.7	575.1	579.4
140°	551.5	552.4	554.2	555.8	557.4	559.3	561.6	563.3	567.2	570.5	573.9
142.5°	551.5	552.4	553.9	555.6	557.2	558.8	560.7	562.4	565.2	567.6	570.8
145°	556.7	557.3	558.7	559.7	561.1	562.4	563.9	565.3	567.3	568.9	570.8
147.5°	557.6	558.2	559.1	560.1	561.2	562.2	563.0	564.0	565.5	566.7	568.1
150°	556.0	556.3	556.9	557.1	558.1	558.7	559.7	560.2	561.4	562.3	563.7
152.5°	549.8	550.0	550.5	550.8	551.5	552.0	552.5	553.2	554.4	555.2	556.4
155°	545.1	545.9	546.5	547.1	548.0	548.4	549.4	549.9	550.9	551.5	552.5
157.5°	543.8	544.2	545.2	545.5	546.4	547.0	547.7	548.3	549.2	549.8	550.6
160°	541.8	542.9	543.6	544.6	545.6	546.3	547.3	548.2	549.0	549.6	550.3
162.5°	544.7	545.5	546.1	546.7	547.5	548.2	548.8	549.5	550.7	551.3	552.4
165°	546.1	547.0	548.1	548.7	549.9	550.9	551.6	552.6	553.1	553.9	554.4
167.5°	551.3	551.8	553.0	553.8	554.8	555.6	556.6	557.3	558.0	558.4	559.2
170°	554.0	554.7	555.5	556.4	557.1	557.6	558.7	559.3	560.2	560.8	561.9
172.5°	560.1	560.7	561.3	561.8	562.4	563.0	563.7	564.1	564.9	565.4	566.1
175°	565.0	565.0	565.2	565.4	565.6	565.6	565.8	566.2	566.4	566.5	566.7
177.5°	567.4	567.7	567.9	568.1	568.2	568.5	568.7	568.9	568.9	568.9	568.9
180°	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9
2.5°	50829.3	50831.4	50790.5	50788.2	50749.8	50745.0	50707.5	50696.2	50665.7	50654.7	50623.8
5°	52371.4	52321.5	52206.0	52138.2	52024.1	51948.6	51825.2	51744.7	51625.6	51535.7	51415.9
7.5°	53931.0	53853.5	53724.0	53618.9	53460.7	53334.4	53149.2	52997.6	52797.0	52623.4	52412.7
10°	54388.5	54376.6	54343.6	54295.4	54221.9	54139.1	54013.0	53881.6	53705.9	53515.0	53280.8
12.5°	53263.0	53384.5	53550.2	53648.4	53768.0	53820.3	53869.3	53857.1	53824.8	53728.3	53592.9
15°	50411.9	50753.3	51205.6	51556.1	51959.2	52252.3	52575.9	52777.5	52978.7	53071.5	53128.4
17.5°	45876.4	46523.1	47333.9	48005.9	48781.2	49404.0	50086.6	50600.5	51129.0	51507.5	51850.0
20°	40050.6	40987.5	42134.3	43147.5	44325.5	45349.2	46471.1	47392.1	48341.9	49084.5	49787.4
22.5°	33731.7	34844.4	36230.9	37515.2	39033.8	40398.7	41938.6	43278.9	44678.2	45847.4	46977.7
25°	27518.0	28738.2	30254.3	31687.2	33407.2	34994.8	36821.0	38491.4	40300.0	41870.4	43421.6
27.5°	21844.0	23042.0	24589.8	26115.2	27933.9	29625.5	31582.2	33422.6	35482.1	37381.2	39323.8
30°	17180.5	18196.6	19584.4	21061.8	22855.7	24577.1	26555.0	28447.9	30590.2	32663.8	34852.0
32.5°	13611.5	14385.7	15476.8	16726.0	18381.2	20019.8	21903.2	23730.5	25840.2	27934.8	30210.7
35°	10810.1	11413.9	12245.8	13220.7	14622.3	16034.8	17700.8	19362.4	21330.7	23318.3	25530.4
37.5°	8524.3	9014.3	9665.7	10398.1	11522.3	12681.6	14047.6	15425.1	17135.4	18897.3	20902.1
40°	6656.6	7053.3	7560.4	8106.6	8955.5	9848.8	10905.2	11973.4	13347.4	14787.4	16446.6
42.5°	5229.3	5521.9	5880.2	6279.3	7071.3	7545.6	8261.8	9034.5	10044.7	11090.0	12337.5
45°	4199.5	4399.2	4647.7	4915.3	5282.9	5685.2	6175.8	6690.3	7649.9	8120.6	8879.3
47.5°	3507.0	3641.1	3799.2	3967.8	4184.6	4418.6	4709.5	5007.1	5391.8	5790.5	6258.0
50°	3040.6	3176.9	3231.2	3318.6	3444.1	3577.7	3741.7	3905.7	4112.1	4321.2	4561.9
52.5°	2694.5	2738.9	2797.9	2853.5	2931.2	3083.4	3132.6	3218.3	3334.0	3447.2	3573.6
55°	2430.2	2459.0	2497.4	2531.0	2578.0	2622.9	2687.8	2744.9	2822.0	2890.3	2974.1
57.5°	2224.4	2242.8	2269.5	2291.5	2321.9	2347.3	2385.3	2416.2	2460.6	2499.1	2550.0
60°	2074.9	2087.1	2105.1	2119.5	2138.8	2152.1	2170.9	2185.5	2208.9	2228.5	2256.8
62.5°	1952.8	1959.2	1970.8	1979.3	1991.6	1998.2	2008.4	2014.7	2027.5	2037.4	2053.3
65°	1806.3	1807.8	1815.6	1819.2	1828.8	1832.3	1840.6	1843.5	1854.1	1861.4	1875.5
67.5°	1686.3	1682.8	1683.0	1680.3	1681.6	1678.8	1679.5	1676.6	1680.8	1683.0	1693.6
70°	1576.7	1571.9	1570.5	1565.5	1564.0	1558.7	1557.2	1552.6	1552.0	1550.5	1554.3
72.5°	1469.8	1468.5	1468.9	1465.4	1465.0	1461.4	1461.6	1459.4	1461.8	1462.9	1467.7
75°	1347.0	1347.4	1349.7	1346.6	1347.5	1344.5	1345.6	1342.9	1344.3	1343.8	1348.7
77.5°	1197.5	1201.0	1207.5	1206.2	1208.3	1205.0	1206.4	1202.5	1203.6	1201.0	1202.9
80°	1029.3	1036.8	1045.5	1045.1	1048.9	1046.5	1049.9	1046.1	1047.6	1043.1	1042.0
82.5°	829.7	836.0	845.3	845.7	853.9	855.5	864.5	864.2	870.0	866.3	863.6
85°	567.3	571.5	579.7	584.2	592.6	597.8	606.6	610.1	603.8	615.3	606.2
87.5°	296.2	307.2	301.1	315.4	312.1	326.6	323.4	336.8	334.3	345.8	344.3
90°	108.4	109.9	119.2	121.3	132.5	135.7	141.1	137.2	142.2	138.7	143.8
92.5°	92.9	99.6	105.8	112.1	118.3	124.7	118.8	113.0	107.2	101.5	95.6
95°	125.5	134.7	143.8	153.0	162.2	171.3	161.5	151.9	142.0	132.2	122.4
97.5°	147.2	157.1	166.9	176.7	186.7	196.6	185.0	173.4	161.8	150.4	138.7
100°	206.9	226.0	245.0	264.0	283.2	302.1	280.7	259.0	237.6	215.9	194.3
102.5°	412.9	456.5	500.1	543.9	587.4	631.1	585.3	539.8	493.7	447.9	401.9
105°	767.8	837.7	907.5	977.4	1047.1	1117.3	1043.0	968.6	894.3	820.1	745.5
107.5°	1130.1	1198.1	1266.5	1334.5	1402.8	1471.3	1396.0	1320.5	1245.3	1169.8	1094.4
110°	1338.6	1379.6	1420.8	1462.0	1503.0	1544.3	1489.3	1434.6	1379.6	1324.5	1269.6



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	1379.3	1400.4	1420.9	1441.9	1462.5	1483.4	1444.1	1405.2	1365.9	1326.9	1287.5
115°	1296.4	1303.1	1310.2	1317.0	1323.9	1330.8	1304.6	1278.2	1252.0	1225.8	1199.1
117.5°	1142.3	1141.8	1140.7	1140.4	1139.3	1138.8	1124.2	1109.8	1095.1	1080.5	1065.8
120°	986.6	981.7	976.7	971.8	966.7	961.6	955.8	949.9	943.8	937.7	931.6
122.5°	851.7	848.8	845.3	842.1	838.7	835.2	833.2	831.4	829.2	827.3	824.8
125°	746.2	746.5	747.0	747.6	747.7	748.1	747.1	746.5	745.5	744.9	743.8
127.5°	675.1	678.3	681.1	684.2	686.8	689.9	689.9	690.1	690.2	690.3	690.3
130°	632.3	637.5	642.2	646.7	651.2	656.2	655.7	655.7	655.4	655.1	654.9
132.5°	608.1	613.5	618.9	624.6	629.6	634.9	634.5	634.4	633.6	633.5	632.9
135°	593.0	598.3	603.1	608.5	613.3	618.3	617.7	617.1	616.3	615.9	615.2
137.5°	583.4	588.0	592.0	596.1	600.0	604.1	603.3	602.7	601.8	601.4	600.7
140°	577.4	580.8	584.0	587.4	590.6	593.9	592.7	591.9	590.7	589.8	588.6
142.5°	573.3	575.9	578.2	581.0	583.2	585.8	584.0	582.4	580.8	579.2	577.6
145°	572.6	574.5	576.2	577.9	579.2	581.1	579.0	577.2	574.8	573.1	570.9
147.5°	569.1	570.5	571.3	572.7	573.3	574.5	572.5	570.5	568.5	566.5	564.3
150°	564.4	565.8	566.5	567.6	568.3	569.4	567.2	565.1	562.7	560.6	558.5
152.5°	557.2	558.3	559.1	559.8	560.7	561.5	559.2	557.4	555.2	552.9	550.9
155°	552.9	553.8	554.2	555.0	555.2	555.7	553.7	552.2	550.5	548.6	546.6
157.5°	551.1	551.8	552.4	552.7	553.1	553.7	552.3	551.2	549.6	548.3	546.8
160°	550.9	551.5	551.9	552.3	552.9	553.1	551.9	551.2	550.0	548.7	547.3
162.5°	553.0	554.0	554.5	555.2	556.0	556.6	555.2	553.9	552.5	551.2	549.7
165°	555.0	555.6	556.2	556.7	556.9	557.4	556.6	555.8	554.7	553.9	552.7
167.5°	559.6	560.3	560.7	561.3	561.5	561.8	560.9	560.3	559.2	558.2	557.1
170°	562.2	562.7	563.5	564.2	564.6	565.0	564.4	563.7	562.8	562.2	561.2
172.5°	566.7	567.3	567.5	568.1	568.3	568.8	568.1	567.3	566.6	565.7	564.7
175°	566.7	566.9	567.3	567.3	567.3	567.5	566.8	566.1	565.5	564.8	564.1
177.5°	568.9	568.9	568.9	568.7	568.7	568.7	568.2	567.9	567.4	567.0	566.3
180°	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9	50296.9
2.5°	50612.8	50590.8	50576.6	50558.6	50547.6	50533.6	50523.3	50514.6	50507.5	50501.0	50496.1
5°	51324.5	51211.4	51123.6	51028.5	50950.4	50872.5	50812.5	50762.7	50728.4	50702.7	50687.3
7.5°	52230.6	52023.5	51839.4	51645.6	51471.8	51300.9	51153.6	51026.6	50931.4	50869.6	50832.2
10°	53039.8	52762.6	52488.4	52199.9	51926.3	51660.8	51415.9	51200.4	51029.9	50916.5	50850.3
12.5°	53402.6	53166.4	52886.5	52573.1	52237.8	51898.5	51567.8	51269.5	51019.2	50851.3	50754.3
15°	53083.1	52986.2	52796.2	52553.0	52234.7	51883.9	51495.7	51130.6	50794.9	50577.2	50451.0
17.5°	52043.9	52179.2	52164.7	52071.7	51842.9	51547.6	51152.0	50742.0	50322.0	50031.1	49872.0
20°	50290.1	50715.5	50931.4	51042.1	50952.3	50760.8	50402.6	49986.5	49497.0	49117.1	48885.2
22.5°	47825.7	48576.7	49044.8	49387.2	49459.9	49394.7	49078.4	48682.6	48136.9	47680.3	47337.9
25°	44653.0	45753.4	46493.0	47072.9	47298.2	47356.3	47087.1	46693.6	46085.4	45553.4	45083.0
27.5°	40916.1	42345.9	43333.5	44112.7	44464.4	44616.9	44369.1	43967.7	43248.1	42613.0	41998.6
30°	36709.1	38405.4	39594.6	40528.8	40957.6	41159.0	40895.9	40447.7	39610.4	38846.1	38072.1
32.5°	32206.4	34062.6	35358.3	36372.9	36797.7	36987.3	36643.0	36139.7	35171.9	34271.5	33369.0
35°	27491.9	29365.5	30672.2	31659.8	32015.8	32130.1	31689.8	31108.1	30035.8	29047.6	28063.5
37.5°	22681.5	24424.6	25612.2	26498.5	26718.9	26738.7	26208.2	25565.6	24438.6	23464.3	22484.5
40°	17912.7	19382.7	20341.6	21051.0	21127.4	21059.3	20482.5	19835.8	18781.6	17908.6	17048.5
42.5°	13420.7	14530.4	15214.5	15700.6	15671.8	15537.0	15008.1	14452.3	13582.5	12917.6	12240.8
45°	9572.3	10304.0	10704.0	10988.5	10897.1	10768.7	10357.1	9967.5	9376.4	8947.0	8492.1
47.5°	6650.0	7523.8	7371.6	7927.9	7448.6	7765.1	7106.0	6742.7	6428.9	6200.8	5943.8
50°	4760.8	4961.0	5057.8	5123.8	5088.7	5040.1	4921.7	4815.8	4672.5	4568.1	4446.4
52.5°	3676.7	3776.8	3831.6	3871.3	3863.5	3845.7	3794.1	3747.0	3679.8	3635.7	3582.4
55°	3114.3	3115.8	3216.7	3173.3	3237.3	3162.3	3191.8	3108.9	3122.3	3051.1	3003.2
57.5°	2587.9	2628.9	2647.3	2665.2	2660.2	2657.1	2637.1	2627.0	2604.5	2597.5	2581.5
60°	2276.4	2297.8	2302.3	2310.5	2303.6	2301.0	2285.4	2279.8	2264.6	2261.9	2251.2
62.5°	2062.8	2073.8	2073.8	2073.8	2064.8	2056.2	2038.9	2029.8	2016.9	2014.2	2008.0
65°	1884.6	1895.9	1897.8	1900.2	1893.7	1887.0	1871.7	1861.8	1848.5	1843.5	1836.5
67.5°	1700.6	1712.7	1716.8	1722.9	1719.2	1717.9	1707.5	1703.6	1694.8	1692.8	1686.3
70°	1556.1	1561.1	1560.7	1560.5	1552.4	1545.1	1533.0	1527.2	1518.1	1516.2	1510.3
72.5°	1470.2	1473.7	1471.5	1468.3	1457.7	1446.9	1432.8	1422.2	1410.4	1402.9	1394.5
75°	1349.2	1353.9	1350.9	1348.9	1339.3	1332.3	1320.9	1315.1	1306.7	1304.3	1298.5
77.5°	1200.6	1202.9	1198.0	1197.5	1190.2	1185.7	1177.2	1175.7	1169.5	1169.7	1164.1
80°	1035.3	1033.9	1026.2	1024.7	1017.4	1015.6	1008.8	1009.2	1004.4	1006.4	1002.5
82.5°	851.8	847.2	837.0	834.0	825.6	824.8	820.4	824.1	821.1	825.6	823.0
85°	610.5	611.8	607.3	607.3	604.9	605.7	605.3	608.0	608.4	612.5	612.4
87.5°	340.4	345.3	344.3	348.8	348.6	353.6	355.3	362.8	363.6	370.6	370.6
90°	140.3	146.1	142.3	148.3	146.9	154.1	153.9	161.1	160.0	166.1	163.5
92.5°	89.8	84.0	78.3	72.4	69.4	66.2	63.9	60.4	57.9	54.6	51.7
95°	112.6	102.7	92.9	83.1	79.8	76.2	72.9	69.5	66.1	62.8	59.4
97.5°	127.1	115.5	103.9	92.3	89.4	86.5	83.4	80.5	77.6	74.8	71.8
100°	172.6	151.0	129.5	107.7	105.2	102.7	100.3	97.8	95.4	92.7	90.3
102.5°	356.2	310.1	264.1	218.2	209.4	200.8	192.0	183.2	174.5	165.8	157.1
105°	671.2	596.6	522.2	447.6	424.0	400.3	376.6	352.8	329.2	305.5	281.8
107.5°	1018.8	943.2	867.6	792.0	748.5	704.7	661.0	617.0	573.5	529.4	485.7
110°	1214.6	1159.4	1104.3	1048.9	1014.0	978.7	943.5	908.2	873.0	837.6	802.3



TEST NUMBER: P1444639
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1248.2	1208.8	1169.4	1129.6	1113.9	1097.9	1082.2	1066.2	1050.3	1034.0	1018.1
115°	1172.6	1146.2	1119.6	1092.8	1087.5	1081.9	1076.5	1070.7	1065.2	1059.4	1053.6
117.5°	1051.1	1036.4	1021.5	1006.6	1007.7	1008.8	1009.9	1010.8	1011.6	1012.3	1013.1
120°	925.4	919.2	913.2	906.8	912.0	917.0	922.1	926.8	931.6	936.1	940.7
122.5°	822.9	820.5	818.5	815.9	822.2	828.3	834.2	840.1	845.8	851.2	856.6
125°	743.1	742.0	741.1	739.9	746.3	752.4	758.5	764.2	770.2	775.5	781.1
127.5°	690.5	690.5	690.6	690.5	695.4	699.6	704.0	708.0	712.3	716.0	719.6
130°	654.7	654.2	654.1	653.7	657.9	662.0	666.2	669.7	673.5	676.7	679.9
132.5°	632.6	632.0	631.7	631.0	634.4	637.3	640.4	642.8	645.6	647.6	649.8
135°	614.6	613.8	613.2	612.4	615.4	618.3	621.1	623.5	626.0	627.8	629.8
137.5°	600.1	599.2	598.5	597.6	600.5	603.0	605.5	607.6	609.7	611.7	613.2
140°	587.8	586.4	585.8	584.5	587.0	589.2	591.5	593.4	595.5	596.8	598.4
142.5°	576.0	574.0	572.9	570.9	572.8	574.4	576.0	577.5	579.1	580.0	580.9
145°	568.9	566.6	564.9	562.6	564.1	565.3	566.8	568.1	568.8	569.5	570.4
147.5°	562.6	560.3	558.1	556.1	557.5	558.2	559.1	559.7	560.8	561.2	561.7
150°	556.3	553.7	551.4	549.1	550.0	550.6	551.3	552.0	552.6	552.9	553.4
152.5°	548.6	546.3	544.1	541.6	542.2	542.6	543.1	543.4	543.9	544.1	544.4
155°	544.8	542.8	540.7	538.6	539.3	539.5	539.8	540.0	540.1	540.1	540.3
157.5°	545.3	543.4	542.1	540.3	540.3	540.3	540.4	539.8	539.8	539.5	539.2
160°	546.2	544.7	543.4	541.8	541.7	541.5	541.6	541.0	540.8	540.4	540.1
162.5°	548.1	546.5	544.8	543.0	542.9	543.0	542.8	542.2	542.1	541.6	541.2
165°	551.8	550.6	549.4	548.0	547.8	547.4	547.2	546.4	546.1	545.4	544.8
167.5°	556.0	554.9	553.5	552.0	552.0	552.1	552.0	551.6	551.5	551.0	550.9
170°	560.3	559.2	558.3	557.2	557.0	556.8	556.4	556.0	555.4	555.1	554.5
172.5°	563.6	562.7	561.7	560.5	560.5	560.3	559.9	559.7	559.1	558.7	558.6
175°	563.2	562.6	561.6	560.9	560.7	560.5	560.4	560.2	559.8	559.6	559.2
177.5°	565.9	565.4	564.7	564.2	564.0	564.0	563.8	563.6	563.6	563.4	563.2
180°	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3



TEST NUMBER: P1444639
CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	50296.9	50296.9
2.5°	50491.7	50489.0
5°	50679.4	50676.3
7.5°	50822.1	50821.2
10°	50838.9	50847.6
12.5°	50737.5	50744.6
15°	50441.4	50455.1
17.5°	49875.0	49893.1
20°	48899.4	48918.2
22.5°	47319.4	47327.3
25°	45022.3	44989.7
27.5°	41890.6	41834.6
30°	37909.6	37855.3
32.5°	33163.2	33129.2
35°	27820.2	27798.8
37.5°	22195.0	22151.4
40°	16734.1	16606.9
42.5°	11944.3	11721.2
45°	8254.6	7990.1
47.5°	5762.5	5599.1
50°	4367.9	4315.1
52.5°	3559.1	3546.7
55°	3003.0	2997.6
57.5°	2585.1	2583.2
60°	2256.8	2256.3
62.5°	2012.1	2013.0
65°	1839.6	1840.0
67.5°	1687.9	1686.8
70°	1512.5	1511.2
72.5°	1391.7	1389.6
75°	1298.5	1297.2
77.5°	1165.8	1163.7
80°	1005.1	1002.5
82.5°	826.7	823.7
85°	616.7	616.8
87.5°	377.3	377.1
90°	169.1	165.7
92.5°	49.2	46.6
95°	56.1	52.7
97.5°	69.0	66.0
100°	87.8	85.4
102.5°	148.4	139.7
105°	258.1	234.5
107.5°	441.9	398.2
110°	767.1	731.8



TEST NUMBER: P1444639
CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL36

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	1001.9	985.8
115°	1047.4	1041.6
117.5°	1013.6	1014.1
120°	944.9	949.3
122.5°	861.8	866.9
125°	786.0	791.2
127.5°	723.0	726.1
130°	682.4	685.3
132.5°	651.4	652.8
135°	631.0	632.4
137.5°	614.2	615.4
140°	599.1	600.1
142.5°	581.7	582.2
145°	570.9	571.2
147.5°	561.3	561.6
150°	553.2	553.3
152.5°	544.0	544.1
155°	539.9	539.8
157.5°	538.4	538.1
160°	539.4	539.0
162.5°	540.6	540.3
165°	543.9	543.1
167.5°	550.2	550.0
170°	553.9	553.5
172.5°	558.0	557.6
175°	559.0	558.8
177.5°	563.2	562.8
180°	566.3	566.3

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-4

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L850-N

Data in this report applies to families of products including EHBR-60-L850-N

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-472-4
 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-L850-N**
 Description: Elevate Round Highbay at, 60000 lumens, 5000K 80CRI LEDs with N lens

Spectral Parameters

CCT (K): 4875
 CIE u': 0.2124
 CIE v': 0.4871
 Duv: 0.0005
 CIE x: 0.3488
 CIE y: 0.3555
 CIE z: 0.2957
 Peak Wavelength (nm): 630
 Dominant Wavelength (nm): 573
 Purity: 11.33556
 Rf: 80
 Rg: 102.3

CRI (Ra):	82.3		
R1:	85.0	R9:	43.9
R2:	83.1	R10:	57.4
R3:	78.8	R11:	83.1
R4:	84.0	R12:	51.0
R5:	83.0	R13:	83.4
R6:	76.3	R14:	87.4
R7:	86.8	R15:	83.4
R8:	81.7		



Test Conditions

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

REPORT NUMBER: SP1-2506-472-4

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: SP1-2506-472-4

CIE 1931 Chromaticity Diagram



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

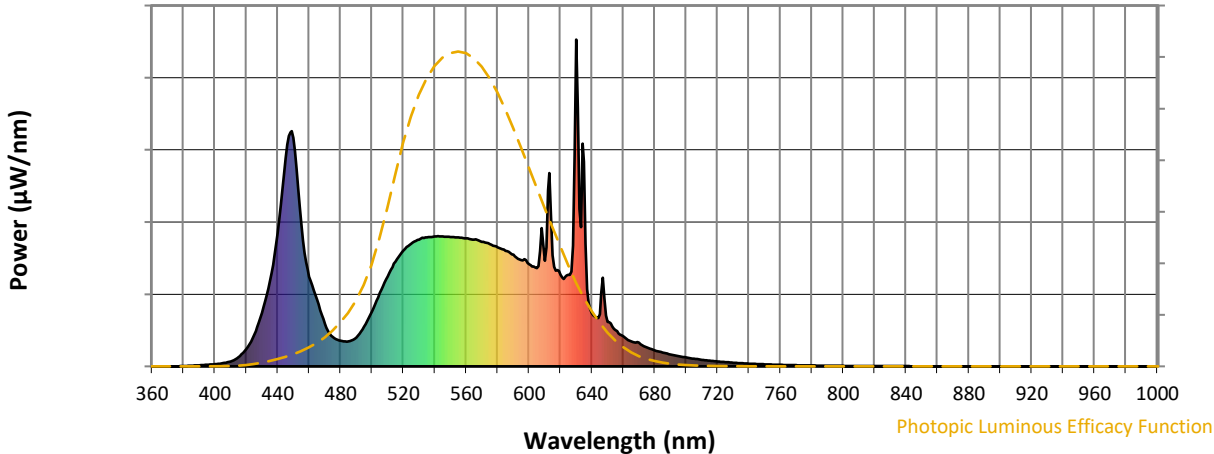


Point lies inside the ANSI 5000K 4-step quadrangle

CCT = 4875K
 CIE x = 0.3488
 CIE y = 0.3555
 Duv = 0.0005

REPORT NUMBER: SP1-2506-472-4

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	89	NR	620	280	NR	750	6	NR	880	0	NR
365	0	NR	495	121	NR	625	280	NR	755	5	NR	885	0	NR
370	0	NR	500	168	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	224	NR	635	626	NR	765	4	NR	895	0	NR
380	1	NR	510	275	NR	640	163	NR	770	4	NR	900	0	NR
385	2	NR	515	321	NR	645	160	NR	775	3	NR	905	0	NR
390	3	NR	520	354	NR	650	136	NR	780	3	NR	910	0	NR
395	5	NR	525	375	NR	655	111	NR	785	2	NR	915	0	NR
400	7	NR	530	388	NR	660	93	NR	790	2	NR	920	0	NR
405	10	NR	535	395	NR	665	76	NR	795	2	NR	925	0	NR
410	15	NR	540	397	NR	670	72	NR	800	2	NR	930	0	NR
415	28	NR	545	398	NR	675	57	NR	805	1	NR	935	0	NR
420	53	NR	550	396	NR	680	49	NR	810	1	NR	940	0	NR
425	97	NR	555	395	NR	685	42	NR	815	1	NR	945	0	NR
430	163	NR	560	392	NR	690	37	NR	820	1	NR	950	0	NR
435	261	NR	565	388	NR	695	32	NR	825	1	NR	955	0	NR
440	409	NR	570	381	NR	700	27	NR	830	1	NR	960	0	NR
445	637	NR	575	374	NR	705	23	NR	835	1	NR	965	0	NR
450	699	NR	580	365	NR	710	20	NR	840	1	NR	970	0	NR
455	436	NR	585	354	NR	715	17	NR	845	0	NR	975	0	NR
460	274	NR	590	342	NR	720	15	NR	850	0	NR	980	0	NR
465	205	NR	595	325	NR	725	13	NR	855	0	NR	985	0	NR
470	130	NR	600	313	NR	730	11	NR	860	0	NR	990	0	NR
475	90	NR	605	301	NR	735	10	NR	865	0	NR	995	0	NR
480	78	NR	610	323	NR	740	8	NR	870	0	NR	1000	0	NR
485	77	NR	615	340	NR	745	7	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-4

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.82

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	89	NR	620	280	NR	750	6	NR	880	0	NR
365	0	NR	495	121	NR	625	280	NR	755	5	NR	885	0	NR
370	0	NR	500	168	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	224	NR	635	626	NR	765	4	NR	895	0	NR
380	1	NR	510	275	NR	640	163	NR	770	4	NR	900	0	NR
385	2	NR	515	321	NR	645	160	NR	775	3	NR	905	0	NR
390	3	NR	520	354	NR	650	136	NR	780	3	NR	910	0	NR
395	5	NR	525	375	NR	655	111	NR	785	2	NR	915	0	NR
400	7	NR	530	388	NR	660	93	NR	790	2	NR	920	0	NR
405	10	NR	535	395	NR	665	76	NR	795	2	NR	925	0	NR
410	15	NR	540	397	NR	670	72	NR	800	2	NR	930	0	NR
415	28	NR	545	398	NR	675	57	NR	805	1	NR	935	0	NR
420	53	NR	550	396	NR	680	49	NR	810	1	NR	940	0	NR
425	97	NR	555	395	NR	685	42	NR	815	1	NR	945	0	NR
430	163	NR	560	392	NR	690	37	NR	820	1	NR	950	0	NR
435	261	NR	565	388	NR	695	32	NR	825	1	NR	955	0	NR
440	409	NR	570	381	NR	700	27	NR	830	1	NR	960	0	NR
445	637	NR	575	374	NR	705	23	NR	835	1	NR	965	0	NR
450	699	NR	580	365	NR	710	20	NR	840	1	NR	970	0	NR
455	436	NR	585	354	NR	715	17	NR	845	0	NR	975	0	NR
460	274	NR	590	342	NR	720	15	NR	850	0	NR	980	0	NR
465	205	NR	595	325	NR	725	13	NR	855	0	NR	985	0	NR
470	130	NR	600	313	NR	730	11	NR	860	0	NR	990	0	NR
475	90	NR	605	301	NR	735	10	NR	865	0	NR	995	0	NR
480	78	NR	610	323	NR	740	8	NR	870	0	NR	1000	0	NR
485	77	NR	615	340	NR	745	7	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-4

Melanopic Flux vs. Wavelength



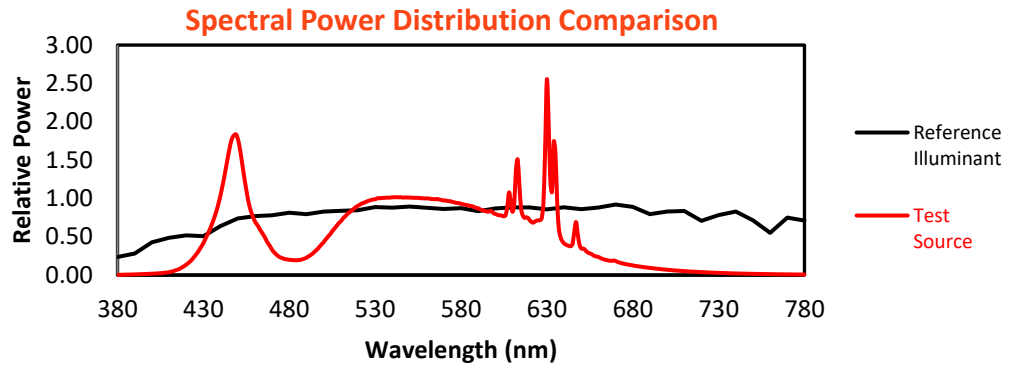
Melanopic Lumens: NR

M/P: 3.71

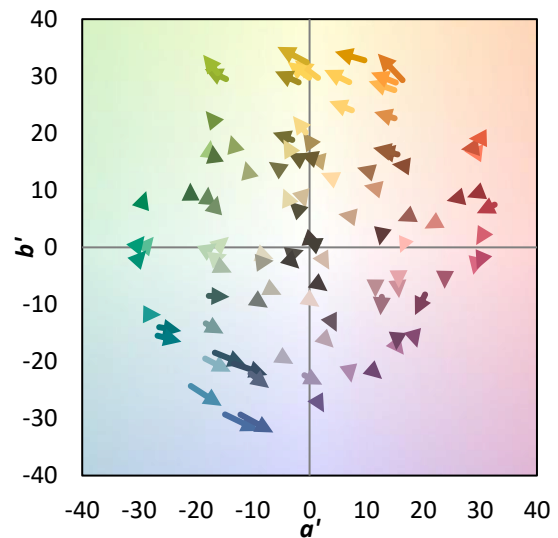
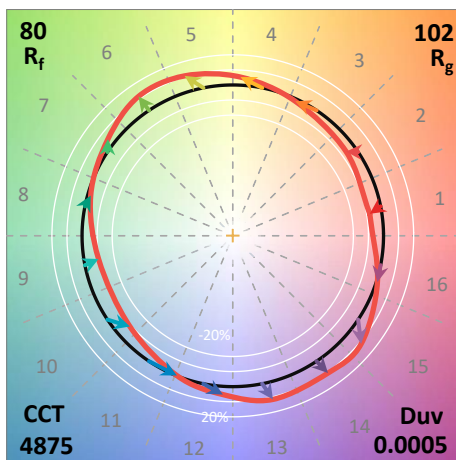
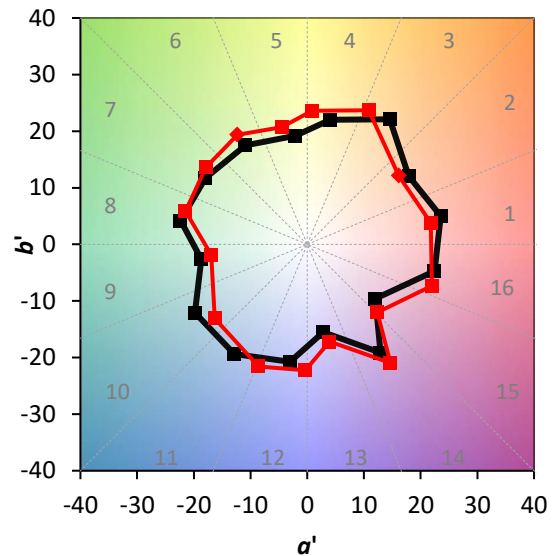
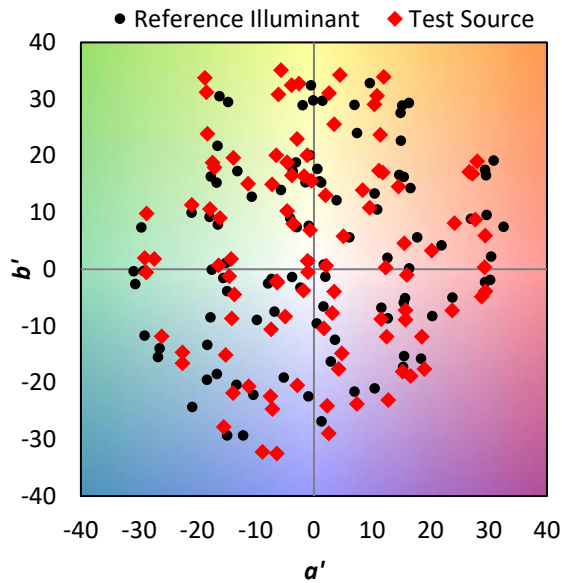
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	89	NR	620	280	NR	750	6	NR	880	0	NR
365	0	NR	495	121	NR	625	280	NR	755	5	NR	885	0	NR
370	0	NR	500	168	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	224	NR	635	626	NR	765	4	NR	895	0	NR
380	1	NR	510	275	NR	640	163	NR	770	4	NR	900	0	NR
385	2	NR	515	321	NR	645	160	NR	775	3	NR	905	0	NR
390	3	NR	520	354	NR	650	136	NR	780	3	NR	910	0	NR
395	5	NR	525	375	NR	655	111	NR	785	2	NR	915	0	NR
400	7	NR	530	388	NR	660	93	NR	790	2	NR	920	0	NR
405	10	NR	535	395	NR	665	76	NR	795	2	NR	925	0	NR
410	15	NR	540	397	NR	670	72	NR	800	2	NR	930	0	NR
415	28	NR	545	398	NR	675	57	NR	805	1	NR	935	0	NR
420	53	NR	550	396	NR	680	49	NR	810	1	NR	940	0	NR
425	97	NR	555	395	NR	685	42	NR	815	1	NR	945	0	NR
430	163	NR	560	392	NR	690	37	NR	820	1	NR	950	0	NR
435	261	NR	565	388	NR	695	32	NR	825	1	NR	955	0	NR
440	409	NR	570	381	NR	700	27	NR	830	1	NR	960	0	NR
445	637	NR	575	374	NR	705	23	NR	835	1	NR	965	0	NR
450	699	NR	580	365	NR	710	20	NR	840	1	NR	970	0	NR
455	436	NR	585	354	NR	715	17	NR	845	0	NR	975	0	NR
460	274	NR	590	342	NR	720	15	NR	850	0	NR	980	0	NR
465	205	NR	595	325	NR	725	13	NR	855	0	NR	985	0	NR
470	130	NR	600	313	NR	730	11	NR	860	0	NR	990	0	NR
475	90	NR	605	301	NR	735	10	NR	865	0	NR	995	0	NR
480	78	NR	610	323	NR	740	8	NR	870	0	NR	1000	0	NR
485	77	NR	615	340	NR	745	7	NR	875	0	NR			

Summary

$R_f = 80$
 $R_g = 102.3$
 $CIE R_a = 82.3$
 $R_9 = 43.9$

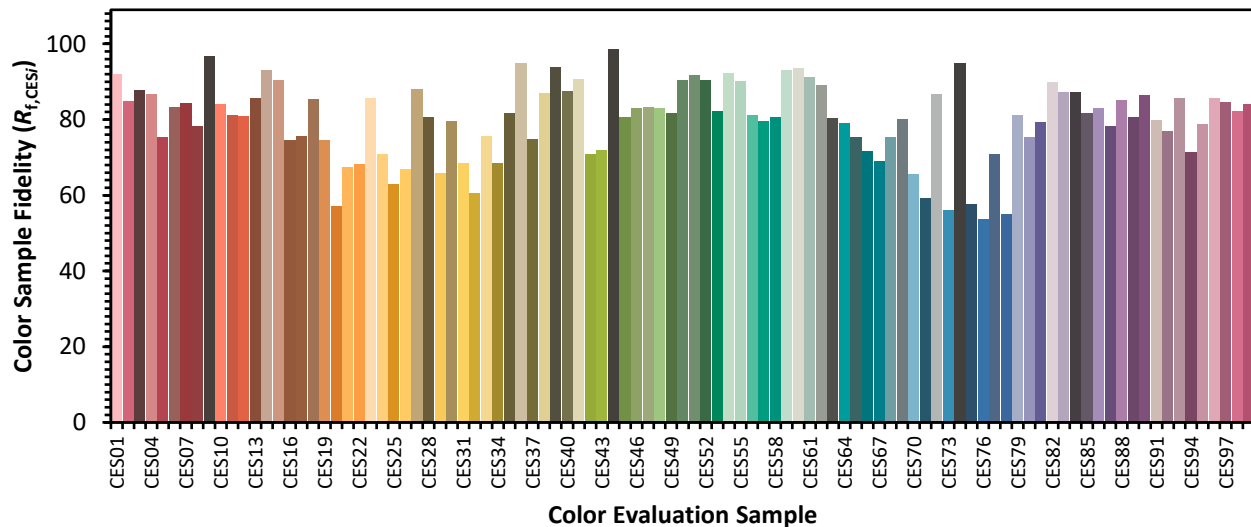


Color Vector Graphics

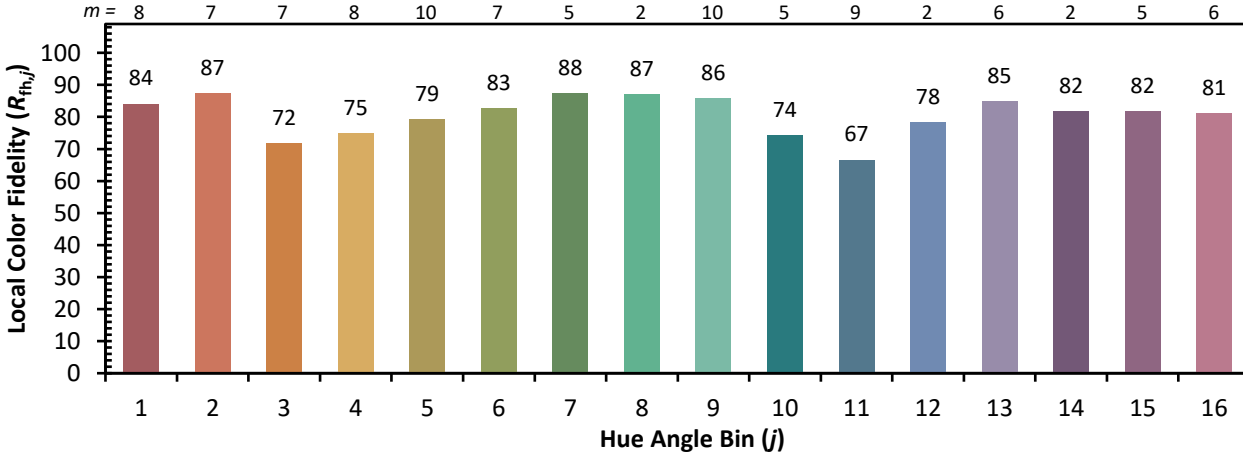


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 67	CES51 = 92	CES76 = 54
CES02 = 60	CES27 = 88	CES52 = 91	CES77 = 71
CES03 = 31	CES28 = 81	CES53 = 82	CES78 = 55
CES04 = 69	CES29 = 66	CES54 = 92	CES79 = 81
CES05 = 47	CES30 = 80	CES55 = 90	CES80 = 75
CES06 = 50	CES31 = 69	CES56 = 81	CES81 = 79
CES07 = 40	CES32 = 61	CES57 = 80	CES82 = 90
CES08 = 39	CES33 = 76	CES58 = 81	CES83 = 87
CES09 = 29	CES34 = 68	CES59 = 93	CES84 = 87
CES10 = 73	CES35 = 82	CES60 = 94	CES85 = 82
CES11 = 56	CES36 = 95	CES61 = 91	CES86 = 83
CES12 = 62	CES37 = 75	CES62 = 89	CES87 = 78
CES13 = 42	CES38 = 87	CES63 = 80	CES88 = 85
CES14 = 74	CES39 = 94	CES64 = 79	CES89 = 81
CES15 = 71	CES40 = 87	CES65 = 75	CES90 = 86
CES16 = 46	CES41 = 91	CES66 = 72	CES91 = 80
CES17 = 48	CES42 = 71	CES67 = 69	CES92 = 77
CES18 = 56	CES43 = 72	CES68 = 75	CES93 = 86
CES19 = 70	CES44 = 99	CES69 = 80	CES94 = 71
CES20 = 65	CES45 = 81	CES70 = 66	CES95 = 79
CES21 = 85	CES46 = 83	CES71 = 59	CES96 = 86
CES22 = 77	CES47 = 83	CES72 = 87	CES97 = 85
CES23 = 91	CES48 = 83	CES73 = 56	CES98 = 82
CES24 = 90	CES49 = 82	CES74 = 95	CES99 = 84
CES25 = 71	CES50 = 91	CES75 = 58	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)