

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: P1444640

Luminaire Tested: EHBR1-60-UNV-TA-L850-UPL40

Issue Date: 5/1/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1444640  
REPORT IS A COMBINATION OF REPORTS P1444362 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-UPL40  
Description: Elevate Round Highbay at, 60000 lumens, 5000K 80CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

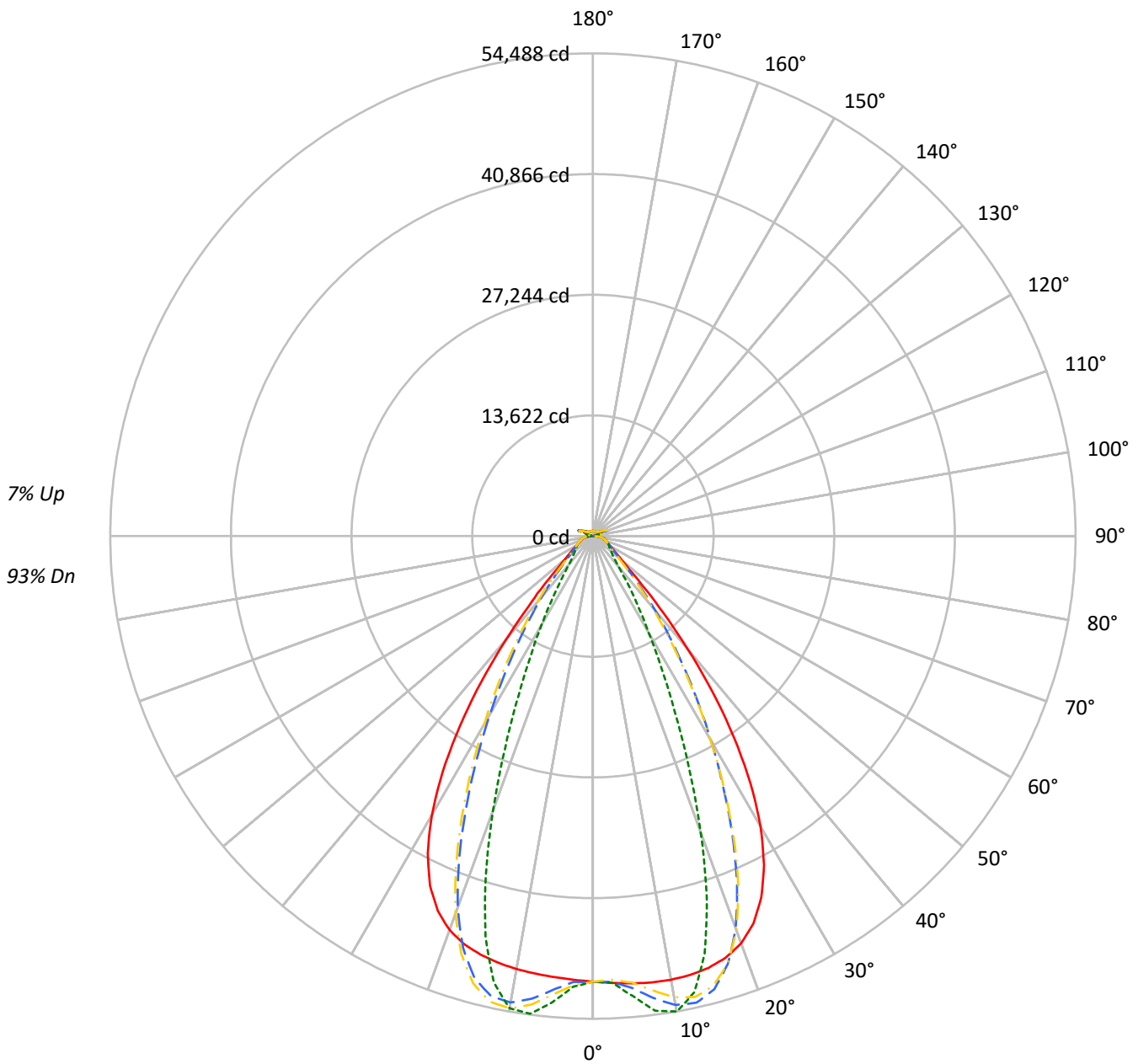
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 62041.7 lumens  
Efficiency: N/A  
Efficacy: 171.9 lumens/watt  
Spacing Criteria (0/90/45): 1.13 / 0.77 / 0.88  
Luminous Opening: Vertical Cylinder (Dia: 1.71' x H: 0.1')  
CIE Type: Direct

Input Watts (W): 361  
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: P1444640  
CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL40

### Luminous Intensity Polar Plot



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



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	96	96	96	93
1	110	107	104	101	107	104	101	99	99	96	94	94	92	90	89	88	87	87	87	87	84
2	103	98	93	89	101	95	91	87	91	87	84	87	84	81	83	81	79	79	79	79	76
3	97	90	84	79	94	88	82	78	84	79	76	81	77	74	77	74	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	76	70	65	84	75	69	64	72	67	63	70	65	62	68	64	61	61	61	61	59
6	81	71	64	59	79	70	63	59	68	62	58	65	61	57	63	59	56	56	56	56	54
7	77	66	59	55	75	65	59	54	63	58	54	61	57	53	60	55	52	52	52	52	50
8	73	62	55	51	71	61	55	50	59	54	50	58	53	49	56	52	49	49	49	49	47
9	69	58	52	47	67	57	51	47	56	50	46	54	49	46	53	49	45	45	45	45	44
10	65	55	48	44	64	54	48	44	53	47	43	51	46	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



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	4956.9	8.0
10°-20°	13944.2	22.5
20°-30°	15881.3	25.6
30°-40°	11414.8	18.4
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°	641.9	1.0
90°-100°	120.8	0.2
100°-110°	679.1	1.1
110°-120°	1254.2	2.0
120°-130°	771.4	1.2
130°-140°	501.3	0.8
140°-150°	376.1	0.6
150°-160°	264.8	0.4
160°-170°	161.1	0.3
170°-180°	55.4	0.1
0°-30°	34782.4	56.1
0°-40°	46197.2	74.5
0°-60°	53980.9	87.0
0°-90°	57857.6	93.3
90°-120°	2054.1	3.3
90°-150°	3702.8	6.0
90°-180°	4184.0	6.7
0°-180°	62041.7	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°	167	212	48	59	167	104
95°	55	61	55	62	55	53
105°	246	316	166	317	246	326
115°	1096	1325	1148	1325	1096	1012
125°	830	864	939	866	830	756
135°	661	580	711	586	661	515
145°	594	572	632	579	594	375
155°	560	559	596	566	560	261
165°	562	560	582	564	562	160
175°	578	583	588	584	578	55
180°	585	585	585	585	585	



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**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°	167.1	176.2	179.7	190.4	193.5	203.0	205.6	216.4	219.7	230.7	235.7
92.5°	48.5	51.6	54.4	58.2	61.2	65.4	69.0	72.5	75.7	79.7	85.9
95°	55.1	58.6	62.2	65.7	69.3	72.7	76.2	79.8	83.3	86.8	97.0
97.5°	69.0	72.0	75.0	78.1	81.1	84.3	87.3	90.4	93.4	96.3	108.5
100°	89.3	91.8	94.5	97.0	99.6	102.3	104.8	107.4	110.0	112.6	135.2
102.5°	146.5	155.6	164.8	174.0	183.1	192.1	201.5	210.4	219.6	228.8	276.8
105°	246.3	271.0	296.2	320.8	345.8	370.7	395.7	420.1	445.1	469.8	548.4
107.5°	418.5	464.4	510.5	556.7	602.7	648.6	694.7	740.6	786.5	832.2	911.9
110°	769.8	806.5	843.7	880.7	917.6	954.8	991.7	1028.3	1065.5	1102.3	1160.5



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**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	1037.1	1053.6	1070.4	1087.1	1103.8	1120.3	1137.0	1153.5	1170.3	1186.6	1228.1
115°	1095.5	1101.2	1107.2	1112.8	1118.7	1124.3	1130.0	1135.5	1141.4	1146.7	1174.8
117.5°	1066.3	1065.1	1064.0	1062.8	1061.4	1060.2	1058.9	1057.3	1055.9	1054.5	1070.1
120°	997.5	992.1	987.0	981.3	976.1	970.5	965.2	959.6	953.9	948.1	954.8
122.5°	910.4	903.9	897.9	891.1	884.7	878.0	871.6	864.4	858.1	851.2	853.5
125°	830.1	823.5	817.6	810.8	804.0	797.2	790.4	783.6	776.7	769.6	770.7
127.5°	761.0	756.5	751.9	746.8	742.0	736.9	731.8	726.6	721.7	716.1	716.2
130°	717.7	713.5	709.4	704.7	700.4	695.6	690.8	685.7	681.2	676.0	676.2
132.5°	682.8	679.9	676.9	673.5	670.1	666.1	662.6	658.5	654.9	651.1	651.3
135°	660.8	657.8	655.2	651.9	648.7	645.1	641.4	637.6	634.1	630.2	630.8
137.5°	642.4	639.9	637.2	634.2	631.2	627.5	624.3	620.7	617.4	613.6	614.1
140°	625.7	623.5	620.8	618.0	615.3	612.2	608.9	605.7	602.3	598.9	599.8
142.5°	606.5	604.3	602.5	600.1	597.8	595.0	592.4	589.4	586.8	583.8	585.1
145°	594.5	592.8	591.2	589.2	586.9	584.4	582.2	579.3	577.2	574.6	576.0
147.5°	584.1	582.7	581.4	579.7	578.1	575.8	573.7	571.5	569.5	567.4	568.9
150°	575.0	573.7	572.6	571.1	569.2	567.3	565.3	563.4	561.4	559.2	560.8
152.5°	565.0	563.6	562.6	561.1	559.4	557.2	555.9	553.8	552.0	550.0	551.3
155°	560.2	558.8	557.3	556.1	554.4	552.6	550.9	549.2	547.5	545.6	546.6
157.5°	558.1	556.8	555.8	554.3	553.2	551.7	550.3	548.8	547.4	546.0	546.6
160°	558.6	557.4	556.3	555.0	553.6	552.0	550.9	549.4	548.4	546.8	547.3
162.5°	559.6	558.3	557.1	555.8	554.5	553.0	551.7	550.7	549.4	547.9	548.7
165°	562.3	561.6	560.6	559.7	558.7	557.8	556.9	555.8	554.8	553.7	554.1
167.5°	569.1	568.1	567.2	566.1	564.8	563.9	562.6	561.6	560.7	559.4	559.8
170°	572.6	571.7	571.1	570.5	569.8	569.0	568.5	567.8	567.0	566.3	566.7
172.5°	576.7	576.0	575.6	575.2	574.4	574.1	573.6	573.0	572.6	571.9	572.7
175°	577.8	577.3	577.1	576.7	576.3	575.9	575.7	575.4	575.4	574.8	575.1
177.5°	581.9	581.7	581.7	581.5	581.5	581.4	581.2	580.8	580.6	580.6	580.9
180°	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4



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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	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°	247.8	253.8	265.5	267.3	275.7	276.4	225.9	221.6	215.6	216.7	208.7
92.5°	92.8	99.0	105.7	112.0	118.6	125.1	125.6	130.3	124.3	117.3	111.4
95°	107.4	117.7	128.0	138.4	148.7	159.0	169.4	179.8	170.1	160.3	150.7
97.5°	120.7	133.0	145.0	157.3	169.4	181.7	193.9	206.2	195.9	185.1	174.7
100°	158.0	180.8	203.4	226.3	248.9	271.7	294.6	317.4	297.3	277.0	257.0
102.5°	325.0	373.6	421.8	470.0	518.3	566.9	615.4	663.8	617.9	571.6	525.5
105°	626.7	705.1	783.5	861.5	939.8	1018.2	1097.1	1175.5	1101.9	1028.3	954.8
107.5°	991.3	1070.9	1150.1	1229.3	1308.9	1388.4	1468.5	1548.1	1476.3	1404.2	1332.5
110°	1218.4	1276.1	1334.0	1391.9	1449.6	1507.5	1566.6	1624.6	1581.4	1538.1	1494.9



TEST NUMBER: P1444640  
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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	1269.2	1310.8	1352.1	1393.2	1434.2	1475.7	1518.6	1560.3	1538.3	1516.2	1494.6
115°	1202.3	1230.4	1257.9	1285.6	1313.3	1340.9	1370.6	1398.9	1391.6	1384.3	1377.3
117.5°	1085.4	1100.8	1116.3	1131.5	1146.6	1162.0	1180.1	1195.7	1196.4	1197.4	1198.4
120°	961.0	967.3	973.5	979.9	985.8	992.1	1001.4	1008.3	1013.8	1019.0	1024.5
122.5°	855.6	857.8	859.8	861.9	863.9	866.0	871.6	874.6	878.1	881.7	885.3
125°	771.5	772.3	773.1	773.9	774.3	775.1	780.2	781.6	781.5	781.2	781.0
127.5°	715.8	715.7	715.4	715.3	714.6	714.4	718.6	719.2	716.4	713.4	710.4
130°	676.4	676.5	676.5	676.6	676.8	676.9	681.7	683.1	678.2	673.1	668.2
132.5°	651.4	651.8	651.8	652.5	652.7	652.9	658.3	659.8	654.5	648.7	643.1
135°	631.0	631.7	632.1	632.6	633.0	633.9	639.8	641.6	636.5	630.9	625.6
137.5°	614.3	614.9	615.3	616.2	616.6	617.3	623.9	625.9	621.8	617.1	613.0
140°	600.5	601.2	601.9	602.9	603.6	604.9	612.1	614.4	611.2	607.5	603.9
142.5°	586.0	587.6	589.0	590.5	591.9	593.7	602.0	605.1	602.5	599.6	597.1
145°	577.4	579.3	580.8	582.9	584.7	586.7	596.1	599.8	598.1	596.1	594.3
147.5°	569.8	571.5	573.1	574.7	576.4	578.8	588.6	592.1	591.2	589.8	588.7
150°	562.1	563.8	565.3	567.2	569.2	571.4	582.5	586.6	585.7	584.7	583.6
152.5°	552.6	554.0	555.5	557.2	558.8	560.8	574.2	578.7	578.0	576.7	576.0
155°	547.5	548.6	549.5	551.0	552.0	553.9	568.2	572.7	572.1	571.5	570.8
157.5°	547.1	547.6	548.2	549.1	550.0	550.9	566.0	570.6	569.8	569.3	568.7
160°	547.6	548.1	548.4	549.1	549.5	550.2	565.8	570.0	569.6	568.8	568.2
162.5°	549.2	550.3	550.8	551.5	552.2	553.3	568.9	573.7	572.9	572.0	571.2
165°	554.4	554.6	554.9	555.4	555.7	556.3	570.9	574.8	574.4	573.7	573.2
167.5°	560.1	560.7	560.9	561.6	562.0	562.7	576.4	580.2	579.8	579.2	578.8
170°	566.9	567.5	567.6	568.1	568.7	569.5	580.8	584.1	583.7	582.6	582.0
172.5°	573.0	573.7	574.2	574.9	575.4	576.2	585.8	588.9	588.5	587.8	587.1
175°	575.6	576.0	576.5	577.3	577.8	578.3	585.8	588.0	587.8	587.5	587.1
177.5°	581.4	581.6	582.1	582.6	583.1	583.5	588.1	589.5	589.3	589.3	589.2
180°	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4



TEST NUMBER: P1444640  
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**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°	207.6	199.8	202.0	198.3	203.3	199.9	204.6	200.4	206.5	206.0	214.0
92.5°	104.1	97.9	90.9	84.7	77.7	71.8	68.1	65.5	62.0	59.6	55.8
95°	141.1	131.3	121.7	112.1	102.5	92.8	89.3	85.8	82.2	78.7	75.2
97.5°	164.4	154.0	143.7	133.2	122.8	112.5	110.1	107.8	105.4	103.0	100.7
100°	236.9	216.9	196.9	176.7	156.8	136.7	134.9	133.0	131.1	129.3	127.3
102.5°	479.6	433.7	387.8	341.7	295.9	249.8	241.8	233.8	225.8	217.8	209.8
105°	881.0	807.4	733.9	660.3	586.9	513.4	491.5	469.3	447.4	425.5	403.7
107.5°	1260.6	1188.8	1117.1	1045.4	973.7	902.0	867.3	832.7	797.7	763.1	728.7
110°	1451.3	1408.1	1365.2	1321.9	1278.8	1235.8	1202.5	1169.6	1136.3	1103.3	1070.3



TEST NUMBER: P1444640  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	1472.8	1451.0	1429.1	1407.6	1386.1	1364.3	1348.1	1331.9	1315.9	1299.7	1283.2
115°	1369.9	1362.9	1355.7	1348.8	1342.0	1334.8	1333.4	1332.4	1330.9	1329.8	1328.6
117.5°	1199.2	1200.1	1200.8	1202.1	1203.2	1204.3	1212.7	1220.9	1229.4	1238.2	1246.9
120°	1029.8	1035.3	1040.6	1046.2	1051.7	1057.4	1068.4	1079.8	1091.1	1102.9	1114.6
122.5°	888.8	892.4	895.8	899.7	903.4	907.1	918.0	929.2	940.3	951.7	963.4
125°	780.3	780.0	779.7	779.2	778.9	778.9	787.8	796.8	806.0	815.6	824.7
127.5°	707.3	704.0	700.9	698.0	694.7	692.0	696.9	702.0	707.1	712.6	717.9
130°	663.1	658.1	652.8	648.0	642.7	637.9	639.5	641.2	642.9	644.9	646.8
132.5°	637.2	631.6	625.7	619.8	614.0	608.3	607.6	607.0	606.4	606.2	606.0
135°	620.0	614.8	609.0	603.5	597.7	592.5	590.6	588.7	587.0	585.3	583.9
137.5°	608.5	604.0	599.5	595.2	590.3	585.9	583.2	581.2	578.7	577.1	574.8
140°	600.2	596.7	592.8	589.2	585.4	581.9	579.5	577.8	575.7	574.1	572.3
142.5°	594.1	591.2	588.4	585.7	582.8	580.0	577.9	576.1	574.2	572.7	570.8
145°	592.3	590.4	588.4	586.4	584.5	582.6	580.7	579.3	577.9	576.4	575.3
147.5°	587.4	585.9	584.7	583.3	581.7	580.4	579.1	578.4	576.9	576.1	575.0
150°	582.2	581.0	579.6	578.8	577.1	576.0	575.1	574.4	573.6	573.2	572.4
152.5°	574.5	573.7	572.4	571.4	570.0	568.9	568.1	567.7	567.0	566.5	565.6
155°	569.8	569.1	568.1	567.4	566.3	565.7	564.8	563.8	563.1	562.4	561.5
157.5°	568.0	567.3	566.3	565.8	564.6	563.9	563.1	562.4	561.5	560.9	560.0
160°	567.6	567.0	566.1	565.3	564.6	563.8	562.6	561.9	560.7	560.0	558.7
162.5°	570.2	569.2	568.3	567.5	566.2	565.5	564.5	563.7	563.0	562.3	561.4
165°	572.4	571.7	570.9	570.2	569.6	568.8	567.8	566.9	565.8	565.0	563.8
167.5°	578.0	577.5	576.7	576.1	575.2	574.4	573.7	572.7	571.7	570.7	569.5
170°	581.5	580.4	579.8	579.0	578.1	577.1	576.4	575.3	574.3	573.7	572.6
172.5°	586.5	586.0	585.2	584.7	583.7	583.1	582.5	581.7	580.9	580.0	579.4
175°	586.9	586.7	586.5	585.9	585.7	585.4	585.0	584.8	584.5	584.3	583.8
177.5°	589.2	589.0	589.0	588.6	588.4	588.4	588.0	587.7	587.3	586.9	586.6
180°	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4



TEST NUMBER: P1444640  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL40

**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°	211.7	217.0	210.9	211.7	207.2	209.5	200.7	199.0	185.7	181.8	170.2
92.5°	53.1	49.5	46.7	43.4	47.3	49.7	53.4	55.8	59.4	62.0	65.5
95°	71.7	68.2	64.6	61.1	63.9	66.7	69.5	72.4	75.1	78.0	80.8
97.5°	98.3	96.0	93.6	91.3	92.9	94.6	96.2	97.8	99.5	101.2	102.9
100°	125.4	123.6	121.7	119.8	119.8	119.8	119.8	119.8	119.8	119.8	119.8
102.5°	201.8	193.8	185.7	177.8	183.2	188.6	194.0	199.4	204.9	210.3	215.9
105°	381.8	359.9	338.1	316.2	337.3	358.5	379.7	400.9	422.0	443.6	464.7
107.5°	693.9	659.3	624.7	590.2	629.0	667.5	706.1	744.7	783.2	821.8	860.8
110°	1037.4	1004.5	971.6	938.7	979.6	1020.5	1061.5	1102.3	1143.4	1184.2	1225.6



TEST NUMBER: P1444640  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	1267.2	1251.3	1235.3	1219.3	1245.6	1272.0	1298.3	1325.0	1351.4	1377.9	1404.3
115°	1327.5	1326.6	1325.7	1324.7	1337.2	1349.7	1362.1	1374.8	1387.4	1399.8	1412.6
117.5°	1255.5	1264.2	1273.1	1282.1	1286.1	1290.1	1294.3	1298.3	1302.7	1306.8	1311.1
120°	1126.4	1137.9	1149.9	1161.8	1160.2	1158.5	1157.0	1155.4	1154.3	1152.8	1152.0
122.5°	975.0	986.7	998.7	1010.5	1006.9	1003.4	1000.1	996.7	993.7	990.5	987.6
125°	834.6	844.2	854.2	864.1	860.6	857.0	853.7	850.7	847.5	844.4	841.7
127.5°	723.9	730.0	735.7	741.9	740.2	738.6	737.6	736.1	734.9	734.1	733.4
130°	649.2	651.6	654.5	657.0	657.5	658.0	658.9	659.8	661.1	662.1	663.6
132.5°	606.4	606.4	606.9	607.3	609.2	611.1	613.5	615.8	618.6	621.0	624.4
135°	582.9	581.9	581.0	580.5	583.4	586.0	589.1	592.3	596.1	599.9	603.8
137.5°	573.4	571.7	570.7	569.2	572.1	574.8	578.1	581.3	584.8	588.6	592.7
140°	570.9	569.5	568.7	567.5	570.3	573.0	576.1	579.3	582.9	586.7	590.5
142.5°	569.6	568.1	567.3	566.4	568.5	571.2	574.3	577.1	580.4	583.6	587.2
145°	574.0	573.0	572.3	571.5	573.2	575.0	577.2	579.4	581.9	584.2	587.2
147.5°	574.2	573.6	573.2	572.6	573.9	575.2	576.8	578.2	580.2	582.0	584.1
150°	572.2	571.4	571.2	571.0	571.8	572.5	573.7	574.3	575.7	576.8	578.5
152.5°	565.5	564.8	564.9	564.5	565.1	565.8	566.8	567.6	568.6	569.5	571.1
155°	561.1	560.5	560.0	559.4	559.5	559.6	560.0	560.1	560.8	561.1	561.7
157.5°	559.6	558.8	558.5	557.7	557.5	557.2	557.3	557.2	557.4	557.1	557.3
160°	558.1	557.1	556.2	555.4	555.6	555.3	555.5	555.3	555.6	555.7	555.9
162.5°	560.8	560.1	559.5	558.7	558.3	557.6	557.2	556.5	556.2	555.8	555.6
165°	562.8	561.9	561.1	559.9	559.7	559.5	559.1	558.7	558.6	558.3	558.3
167.5°	568.8	567.8	566.9	566.0	565.4	564.3	563.9	563.2	562.6	562.0	561.8
170°	571.9	571.0	570.3	569.5	569.2	568.6	568.4	567.9	567.7	567.5	567.5
172.5°	578.9	578.1	577.4	576.8	576.5	576.1	575.9	575.7	575.3	575.3	575.1
175°	583.6	583.2	583.0	582.6	582.2	581.9	581.5	581.3	581.0	580.6	580.4
177.5°	586.1	585.7	585.4	585.2	585.0	585.0	585.0	585.0	585.0	584.8	584.7
180°	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4



TEST NUMBER: P1444640  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL40

**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°	169.0	158.7	158.7	151.8	153.5	147.7	151.4	148.0	152.4	149.0	154.1
92.5°	68.1	71.1	76.6	82.8	88.1	93.7	99.2	105.4	110.7	116.7	122.0
95°	83.6	86.4	94.0	101.5	109.0	116.6	124.3	131.8	139.4	146.9	154.4
97.5°	104.6	106.3	113.8	121.3	128.9	136.4	143.9	151.9	159.4	166.9	174.5
100°	119.8	120.0	141.4	162.9	184.2	205.7	227.1	248.5	270.2	291.6	313.1
102.5°	221.3	226.7	280.8	335.1	389.2	443.3	497.5	551.8	606.0	660.4	714.6
105°	485.9	507.2	589.7	672.5	755.0	837.8	920.5	1003.5	1086.2	1169.0	1251.7
107.5°	899.3	938.1	1012.8	1087.6	1162.1	1237.0	1311.8	1386.6	1461.3	1536.3	1611.4
110°	1266.5	1307.6	1357.7	1407.9	1458.2	1508.2	1558.4	1608.6	1659.1	1709.3	1759.9



TEST NUMBER: P1444640  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	1430.7	1457.4	1486.6	1516.0	1545.4	1574.8	1604.2	1633.6	1663.3	1693.0	1722.5
115°	1425.5	1438.4	1449.6	1461.4	1472.8	1484.6	1496.3	1508.2	1520.3	1532.0	1544.0
117.5°	1315.4	1320.2	1322.0	1324.1	1326.1	1328.5	1330.8	1333.2	1335.8	1338.4	1340.5
120°	1150.6	1149.6	1148.0	1146.5	1144.9	1143.7	1142.5	1141.2	1140.1	1139.1	1137.9
122.5°	984.5	982.0	980.4	979.1	977.9	976.9	975.9	975.2	974.1	973.2	972.3
125°	839.0	836.5	838.7	840.8	843.1	845.5	847.8	850.7	853.1	855.7	858.3
127.5°	732.5	732.1	737.0	742.0	747.0	752.2	757.3	762.7	767.7	773.3	778.4
130°	665.2	667.0	673.1	679.6	685.8	692.4	698.9	705.7	711.9	718.4	724.8
132.5°	627.3	630.8	636.5	642.9	649.0	655.4	661.7	668.0	674.3	680.9	686.8
135°	607.9	612.3	617.8	623.6	629.2	635.3	640.9	647.0	652.5	658.5	664.0
137.5°	596.5	601.0	605.7	610.4	614.9	620.0	624.8	629.7	634.3	639.2	643.7
140°	594.6	598.9	601.5	604.9	607.7	610.8	613.6	616.9	619.5	622.9	625.5
142.5°	590.8	594.9	596.4	598.7	600.8	603.3	605.3	607.4	609.4	611.4	613.1
145°	589.9	593.0	593.4	594.3	595.0	595.8	596.2	597.0	597.4	598.0	598.5
147.5°	586.3	588.6	588.5	588.9	589.1	589.1	589.4	589.6	589.4	589.6	589.7
150°	579.7	581.5	580.9	580.9	580.3	580.1	579.5	579.4	578.9	578.7	578.1
152.5°	572.2	573.6	572.6	572.4	571.6	571.1	570.3	570.0	569.2	568.6	568.2
155°	562.0	562.6	562.2	561.9	561.5	561.2	560.7	560.8	560.6	560.3	560.1
157.5°	557.4	557.4	557.2	557.0	556.6	556.5	556.3	556.2	556.2	556.5	556.7
160°	555.8	556.1	555.7	555.4	555.2	554.9	554.7	554.8	554.8	555.3	555.5
162.5°	555.0	554.8	554.4	554.1	553.9	553.9	553.8	554.2	554.2	554.5	554.8
165°	558.4	558.6	557.7	557.6	557.2	557.0	556.7	556.6	556.7	556.8	556.9
167.5°	561.3	561.1	561.1	561.3	561.3	561.5	561.7	562.4	562.6	563.3	563.5
170°	567.4	567.5	567.2	567.0	566.8	566.8	566.7	566.7	566.9	567.0	567.0
172.5°	575.1	575.1	574.6	574.1	573.7	573.5	573.0	572.9	572.5	572.2	571.7
175°	580.0	579.8	579.6	579.3	579.2	578.7	578.5	577.8	577.6	577.3	577.1
177.5°	584.5	584.1	583.9	583.9	583.7	583.6	583.6	583.4	583.4	583.4	583.0
180°	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4



TEST NUMBER: P1444640  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL40

**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°	142.6	139.7	128.8	126.0	115.1	109.4	97.2	92.8	81.5	79.1	71.8
92.5°	115.6	109.3	103.3	96.6	90.7	84.3	77.9	71.6	65.2	62.7	61.0
95°	145.3	136.2	127.1	117.9	108.7	99.5	90.6	81.3	72.2	70.3	68.5
97.5°	163.8	153.0	142.2	131.6	120.7	109.9	99.3	88.5	77.7	76.5	75.3
100°	288.3	263.5	238.7	213.7	189.0	164.0	139.4	114.4	89.7	88.3	86.8
102.5°	654.2	593.9	533.7	473.5	413.3	352.9	292.7	232.2	172.0	163.3	154.6
105°	1160.5	1069.0	978.2	886.8	795.5	704.2	613.1	521.6	430.3	401.1	371.7
107.5°	1525.7	1439.8	1354.3	1268.6	1182.8	1097.2	1011.3	925.4	839.6	788.0	736.4
110°	1691.8	1623.8	1556.0	1488.0	1420.2	1352.1	1283.9	1216.0	1147.9	1103.4	1059.3



TEST NUMBER: P1444640  
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**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	1672.9	1623.1	1573.7	1523.8	1474.2	1424.3	1374.7	1324.7	1274.8	1248.0	1221.1
115°	1514.4	1484.5	1454.9	1425.1	1395.1	1365.4	1335.6	1305.3	1275.3	1261.3	1247.3
117.5°	1325.8	1310.7	1295.9	1280.8	1265.8	1250.4	1235.5	1220.2	1205.0	1200.3	1195.4
120°	1134.1	1129.8	1125.4	1121.1	1116.9	1112.5	1108.0	1103.6	1099.0	1099.9	1100.8
122.5°	974.7	976.9	979.3	981.2	983.7	985.5	988.0	989.5	991.7	995.8	1000.0
125°	863.3	868.2	873.2	878.1	882.8	887.7	892.7	897.1	902.1	906.2	910.7
127.5°	784.3	789.6	795.3	800.6	806.2	811.5	817.0	822.1	827.6	831.4	835.7
130°	730.0	734.5	739.8	744.3	749.4	754.1	758.9	763.6	768.4	771.8	775.1
132.5°	691.3	695.8	700.3	704.5	709.2	713.3	717.8	722.1	726.8	729.2	732.0
135°	667.8	671.0	674.5	677.7	681.5	684.6	688.2	691.7	695.5	697.3	699.5
137.5°	646.5	649.4	652.4	655.2	658.2	661.0	664.2	667.3	670.6	671.7	673.4
140°	628.5	631.5	634.4	637.3	640.4	643.5	646.9	650.1	653.6	654.8	656.4
142.5°	615.7	617.8	620.2	622.6	625.1	627.4	630.2	633.1	636.0	637.4	638.7
145°	601.3	603.7	606.6	609.1	611.9	614.8	618.1	621.2	624.5	625.5	626.7
147.5°	591.8	594.0	596.5	598.8	601.4	603.7	606.8	609.5	612.5	613.6	614.6
150°	580.6	582.9	585.2	587.6	590.4	593.2	596.0	599.1	602.6	603.9	605.1
152.5°	570.7	573.1	575.7	578.6	581.4	584.4	587.6	590.7	594.1	595.2	596.6
155°	562.7	565.0	567.8	570.6	573.7	576.3	579.4	582.4	585.6	587.1	588.4
157.5°	559.0	561.1	563.5	566.2	568.7	571.4	574.2	576.9	579.8	580.9	582.1
160°	557.5	559.6	561.9	564.2	566.6	568.9	571.4	573.8	576.3	577.4	578.6
162.5°	557.0	559.1	561.5	563.4	566.0	568.2	570.8	573.0	575.5	576.4	577.6
165°	558.5	560.2	562.1	563.5	565.5	566.9	569.0	570.6	572.8	573.5	574.9
167.5°	565.1	566.2	567.5	568.7	570.4	571.7	573.3	574.5	576.1	577.1	578.2
170°	568.1	569.2	570.3	571.6	572.9	574.1	575.4	576.4	578.1	578.9	579.8
172.5°	572.6	573.1	573.9	574.6	575.5	576.2	577.2	578.0	578.9	579.9	580.8
175°	577.7	578.0	578.4	578.7	579.0	579.4	580.0	580.7	581.1	581.8	582.5
177.5°	583.2	583.5	583.7	583.9	584.6	584.8	585.1	585.4	585.7	586.4	587.3
180°	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4



TEST NUMBER: P1444640  
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**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°	70.2	63.6	62.1	55.9	54.1	49.7	48.2	48.5	49.9	50.3	51.8
92.5°	58.8	56.8	54.6	52.6	50.4	48.3	46.2	48.3	50.4	52.6	54.6
95°	66.6	64.7	62.8	60.9	59.0	57.2	55.3	57.2	59.0	61.1	63.0
97.5°	74.2	73.0	71.8	70.6	69.4	68.3	67.1	68.4	69.5	70.7	71.9
100°	85.5	84.1	82.6	81.2	79.9	78.4	77.0	78.8	80.3	81.6	83.0
102.5°	146.1	137.4	128.7	120.0	111.3	102.6	93.9	102.6	111.3	120.2	128.9
105°	342.2	313.1	283.7	254.3	224.8	195.5	166.1	195.7	225.0	254.5	284.1
107.5°	684.7	633.4	581.6	529.9	478.2	426.5	374.7	426.7	478.5	530.1	581.9
110°	1014.6	970.1	925.6	881.1	836.4	791.9	747.2	792.1	836.8	881.5	926.2



TEST NUMBER: P1444640  
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**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	1194.1	1167.1	1140.0	1113.1	1085.9	1058.9	1031.6	1059.3	1086.6	1114.0	1141.1
115°	1233.3	1219.0	1205.1	1190.7	1176.4	1162.1	1147.6	1162.7	1177.4	1191.9	1206.5
117.5°	1190.6	1186.0	1181.0	1176.2	1171.2	1166.3	1161.1	1166.7	1172.1	1177.9	1182.9
120°	1101.3	1102.5	1103.2	1103.8	1104.6	1105.1	1105.5	1105.8	1105.8	1105.8	1105.7
122.5°	1004.0	1008.1	1012.0	1016.0	1019.8	1023.6	1027.0	1024.3	1021.3	1018.4	1015.0
125°	914.7	919.2	923.2	927.5	931.2	935.4	938.6	936.3	933.3	930.2	926.8
127.5°	839.7	843.5	847.2	851.2	854.6	858.2	861.3	859.3	856.6	854.1	851.1
130°	778.1	781.6	784.3	787.5	790.0	792.6	794.9	793.8	792.1	790.8	788.7
132.5°	734.5	737.3	739.8	742.1	744.0	746.2	747.6	747.3	746.4	745.6	744.2
135°	701.5	703.5	705.3	707.4	708.7	710.1	710.9	711.5	711.2	711.0	710.1
137.5°	674.5	676.1	677.3	678.3	679.0	679.6	679.9	681.0	681.5	682.3	682.3
140°	657.6	659.2	660.4	661.4	662.4	663.2	663.3	664.6	665.1	665.5	665.4
142.5°	640.2	641.5	642.8	644.0	644.7	645.5	645.7	646.8	647.3	647.7	647.8
145°	627.9	628.9	629.8	630.8	631.2	631.6	631.5	633.0	633.7	634.4	634.8
147.5°	615.6	616.8	617.3	618.0	618.5	618.9	619.0	620.0	620.9	621.6	622.1
150°	606.6	607.8	608.9	610.0	610.9	611.6	611.8	612.6	613.1	613.5	613.5
152.5°	597.7	598.8	599.8	600.8	601.6	602.1	602.4	603.2	604.1	604.7	604.9
155°	589.6	590.8	591.9	593.1	593.8	594.8	595.5	596.2	596.8	597.1	597.5
157.5°	583.2	584.5	585.4	586.5	587.3	588.4	589.2	590.1	590.6	591.4	591.7
160°	579.4	580.8	581.5	582.7	583.6	584.6	585.2	586.2	586.9	587.5	588.3
162.5°	578.5	579.6	580.1	581.3	582.2	583.2	583.9	584.8	585.5	586.3	586.9
165°	576.0	577.3	578.2	579.4	580.5	581.8	582.5	583.3	583.6	584.1	584.4
167.5°	579.1	580.3	581.0	582.3	583.0	584.3	585.2	585.7	586.0	586.4	586.6
170°	580.6	581.7	582.6	583.5	584.4	585.4	586.0	586.4	586.6	587.0	587.3
172.5°	581.6	582.8	583.7	584.8	585.6	586.7	587.6	587.8	587.7	587.7	587.4
175°	583.1	584.1	584.8	585.6	586.2	587.1	587.9	587.6	587.7	587.5	587.4
177.5°	588.3	589.4	590.3	590.9	591.9	592.6	593.5	592.8	592.3	591.7	591.0
180°	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4



TEST NUMBER: P1444640  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL40

**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°	52.7	54.0	54.8	56.3	58.3	62.1	66.1	69.9	74.6	78.3	82.5
92.5°	56.8	58.9	61.1	63.2	65.3	71.7	78.0	84.4	91.0	97.0	103.4
95°	64.9	66.8	68.7	70.9	72.8	81.9	91.2	100.3	109.5	118.7	127.9
97.5°	73.5	74.7	75.8	77.0	78.4	89.2	100.0	110.8	121.6	132.5	143.1
100°	84.6	85.9	87.3	89.0	90.4	115.3	140.3	165.1	190.1	214.8	239.8
102.5°	137.7	146.4	155.1	164.1	172.9	233.3	293.8	354.2	414.2	474.7	535.0
105°	313.4	342.8	372.7	402.0	431.4	522.9	614.4	705.9	797.0	888.3	979.8
107.5°	633.9	685.6	737.5	789.3	841.0	927.1	1012.9	1098.9	1184.9	1270.8	1356.3
110°	971.2	1015.5	1060.6	1105.3	1150.0	1218.0	1286.4	1354.5	1422.7	1490.8	1558.9



TEST NUMBER: P1444640  
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**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	1168.6	1195.7	1222.9	1249.9	1277.2	1327.2	1377.5	1427.4	1477.5	1527.1	1577.1
115°	1221.1	1235.1	1249.7	1263.9	1278.4	1308.7	1338.7	1368.9	1399.1	1429.0	1459.2
117.5°	1188.2	1193.4	1198.6	1203.3	1208.5	1223.9	1239.4	1254.8	1270.2	1285.7	1300.9
120°	1105.5	1104.9	1104.6	1103.8	1103.4	1107.9	1112.9	1117.3	1122.3	1126.7	1131.2
122.5°	1011.6	1007.9	1004.5	1000.6	997.1	994.9	993.4	991.2	989.8	987.7	985.9
125°	923.2	919.5	915.9	911.9	907.9	903.5	899.0	894.4	889.6	885.1	880.5
127.5°	848.3	844.9	841.7	838.0	834.4	829.1	824.1	818.7	813.8	808.4	803.2
130°	786.6	784.0	781.9	778.8	776.3	771.3	767.1	762.2	757.7	753.1	748.5
132.5°	742.9	741.0	739.3	736.9	735.0	730.7	726.9	722.5	718.3	714.0	710.0
135°	709.5	708.3	707.3	705.8	704.4	700.9	697.9	694.6	691.4	688.1	684.9
137.5°	682.3	681.7	681.2	680.6	679.9	677.1	674.5	671.7	669.0	666.2	663.6
140°	665.5	665.1	664.7	664.1	663.4	660.5	657.7	654.8	652.0	649.1	646.2
142.5°	647.7	647.4	647.1	646.5	646.0	643.6	641.6	639.4	637.0	634.8	632.7
145°	635.0	634.9	635.1	634.7	634.8	632.0	629.7	626.9	624.7	622.0	619.6
147.5°	622.7	622.7	623.0	622.9	623.3	620.9	619.0	616.8	615.0	612.6	610.9
150°	613.8	613.8	613.8	613.6	613.4	611.2	609.3	607.1	605.4	602.9	601.1
152.5°	605.2	605.4	605.6	605.7	605.9	603.8	601.7	599.5	597.4	595.1	593.1
155°	597.9	598.1	598.3	598.3	598.3	596.4	594.6	592.5	590.6	588.5	586.6
157.5°	592.1	592.5	592.9	593.1	593.3	591.6	590.0	588.4	586.7	584.8	583.2
160°	588.6	589.2	589.6	589.8	590.1	588.7	587.6	585.8	584.8	583.0	581.5
162.5°	587.4	588.0	588.4	588.6	588.9	587.5	586.4	585.0	583.7	581.8	580.4
165°	584.8	584.8	585.1	585.0	585.2	584.3	583.6	582.6	581.7	580.5	579.6
167.5°	587.0	586.9	587.3	587.1	587.3	586.6	586.5	585.6	584.9	584.2	583.5
170°	587.4	587.5	587.7	587.6	587.8	587.1	586.6	585.9	585.5	584.5	583.8
172.5°	587.5	587.1	587.1	587.0	586.7	586.2	585.9	585.5	585.2	584.8	584.3
175°	587.1	586.8	586.7	586.4	586.1	586.1	585.8	585.8	585.5	585.3	585.0
177.5°	590.6	590.2	589.4	588.9	588.4	588.2	588.1	587.9	588.1	587.8	587.6
180°	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4



TEST NUMBER: P1444640  
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**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°	86.5	105.7	109.3	107.3	100.3	97.4	91.0	89.0	83.2	81.1	75.4
92.5°	109.8	116.1	122.5	116.8	111.2	105.5	99.9	94.1	88.6	82.8	77.3
95°	137.0	145.9	155.0	147.4	139.8	132.2	124.7	117.2	109.6	102.1	94.6
97.5°	153.9	164.3	175.0	167.5	160.0	152.3	144.7	137.2	129.7	121.9	114.4
100°	264.6	288.9	313.6	292.2	270.6	249.3	227.9	206.3	184.9	163.5	141.9
102.5°	595.3	655.2	715.2	660.9	606.7	552.3	498.2	444.1	390.0	335.4	281.4
105°	1070.9	1161.5	1252.6	1169.5	1086.8	1004.1	921.3	838.6	755.8	672.9	590.3
107.5°	1442.3	1526.9	1612.1	1537.2	1462.3	1387.6	1312.4	1237.8	1162.8	1087.9	1013.2
110°	1626.9	1693.3	1761.0	1710.3	1660.1	1609.6	1559.4	1508.9	1458.7	1408.6	1358.5



TEST NUMBER: P1444640  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	1626.8	1674.6	1723.8	1693.8	1664.5	1634.7	1605.2	1575.6	1546.3	1516.5	1487.6
115°	1488.7	1516.2	1545.5	1533.2	1521.5	1509.5	1497.6	1485.9	1474.0	1462.1	1450.7
117.5°	1316.1	1328.2	1342.5	1339.8	1337.5	1334.7	1332.5	1329.8	1327.7	1325.4	1323.2
120°	1135.6	1136.8	1140.3	1141.1	1142.4	1143.3	1144.5	1145.5	1146.8	1148.0	1149.5
122.5°	983.8	978.1	974.8	975.7	976.6	977.3	978.3	979.0	980.1	981.2	982.4
125°	875.8	866.9	861.0	858.3	855.9	853.2	850.6	848.0	845.7	843.3	841.0
127.5°	797.9	788.2	781.7	776.5	771.3	765.9	760.7	755.4	750.4	745.0	740.1
130°	743.9	734.4	728.6	722.0	715.8	709.0	702.8	696.3	689.8	683.4	677.0
132.5°	705.8	696.4	690.9	684.8	678.9	672.4	666.4	659.9	653.7	647.2	641.2
135°	681.6	673.0	668.5	662.6	657.4	651.5	645.8	640.1	634.5	628.5	623.2
137.5°	660.7	652.1	648.4	643.7	639.3	634.6	630.2	625.2	620.7	615.6	611.3
140°	643.4	634.5	630.3	627.7	625.1	622.1	619.3	616.4	613.7	610.9	607.9
142.5°	630.4	621.8	618.2	616.4	614.8	612.6	611.3	609.3	607.4	605.0	603.2
145°	617.2	607.5	603.7	603.0	603.0	602.4	602.0	601.5	601.2	600.4	600.0
147.5°	608.5	598.7	594.9	595.1	595.2	595.0	595.4	595.1	595.4	595.3	595.4
150°	598.7	587.6	583.1	583.7	584.1	584.7	585.1	585.5	586.3	586.7	587.2
152.5°	590.6	577.4	572.4	573.0	573.8	574.2	574.9	575.8	576.7	577.5	578.2
155°	584.2	569.8	564.4	564.3	564.6	564.9	565.2	565.7	566.2	566.6	567.3
157.5°	581.2	566.1	560.9	560.4	560.5	560.5	560.6	560.8	561.1	561.3	562.0
160°	579.9	564.8	559.7	559.2	559.3	559.1	559.0	559.0	559.3	559.5	560.0
162.5°	578.8	564.0	559.1	558.5	558.3	558.1	558.1	557.8	558.0	558.0	558.5
165°	578.3	565.4	560.9	560.7	560.8	560.6	560.8	560.9	561.2	561.4	561.9
167.5°	582.4	570.9	567.5	566.9	566.3	565.8	565.8	565.0	565.0	564.6	564.6
170°	582.9	573.7	570.7	570.5	570.8	570.6	570.4	570.5	570.5	570.4	570.7
172.5°	583.7	577.0	574.6	574.9	575.4	575.6	576.1	576.5	577.0	577.4	577.9
175°	584.8	580.8	579.8	579.7	580.0	580.2	580.5	580.7	581.0	581.2	581.8
177.5°	587.6	586.3	585.7	585.7	585.7	585.7	585.7	585.7	585.7	585.9	585.9
180°	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4



TEST NUMBER: P1444640  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL40

**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°	74.2	70.1	70.3	65.9	67.4	62.6	65.4	61.0	64.7	59.2	67.7
92.5°	71.5	68.6	65.4	62.5	59.3	56.3	53.1	50.1	47.1	44.0	47.1
95°	87.0	84.2	81.4	78.4	75.5	72.8	69.9	67.1	64.3	61.5	65.0
97.5°	106.9	105.2	103.5	102.0	100.3	98.6	97.0	95.4	93.5	91.8	94.2
100°	120.5	120.5	120.5	120.5	120.1	120.1	120.1	120.1	120.1	120.1	122.0
102.5°	227.1	221.7	216.3	210.7	205.3	199.8	194.4	189.0	183.6	178.2	186.1
105°	507.5	486.4	465.0	443.9	422.5	401.4	380.1	359.0	337.8	316.7	338.6
107.5°	938.7	899.9	861.2	822.6	783.8	745.3	706.7	668.0	629.5	590.9	625.5
110°	1308.2	1267.0	1226.0	1185.0	1144.0	1102.8	1061.9	1021.0	980.1	939.2	972.1



TEST NUMBER: P1444640  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	1458.2	1431.3	1404.8	1378.2	1351.7	1325.3	1298.9	1272.5	1246.2	1219.9	1235.9
115°	1438.9	1426.3	1413.4	1400.7	1388.1	1375.3	1362.7	1350.2	1337.8	1325.3	1326.3
117.5°	1321.1	1316.5	1312.1	1307.8	1303.4	1299.2	1294.9	1291.0	1286.8	1283.0	1274.0
120°	1151.0	1152.0	1152.9	1154.1	1155.5	1156.9	1158.0	1159.6	1161.2	1162.9	1150.9
122.5°	983.7	986.3	989.1	992.0	995.0	998.2	1001.3	1004.9	1008.4	1011.9	1000.0
125°	838.6	841.2	843.8	846.6	849.2	852.5	855.7	859.2	862.6	866.3	856.2
127.5°	735.1	735.6	736.0	736.8	737.6	738.9	740.1	741.5	743.2	745.1	738.7
130°	670.6	668.9	667.2	665.8	664.2	663.3	662.4	661.8	661.1	660.8	658.0
132.5°	634.9	631.7	628.6	625.5	622.7	620.3	617.7	615.7	613.6	612.0	611.2
135°	617.1	612.9	608.8	604.9	601.0	597.7	594.2	591.4	588.4	585.7	586.4
137.5°	606.6	602.5	598.3	594.5	590.5	587.4	583.9	580.8	578.1	575.4	576.6
140°	605.0	600.9	596.7	593.0	589.5	586.0	582.6	579.8	576.7	574.3	575.0
142.5°	601.2	597.9	593.9	590.6	587.1	584.2	581.2	578.7	575.6	573.7	574.5
145°	599.3	596.7	593.9	591.2	588.8	586.7	584.2	582.3	580.4	579.2	579.5
147.5°	595.2	593.4	590.9	589.3	587.1	585.6	583.9	582.7	581.2	580.2	580.4
150°	587.6	586.4	585.0	583.9	582.6	581.6	580.5	579.7	578.9	578.3	578.3
152.5°	579.0	578.0	576.7	575.7	574.6	573.8	573.0	572.4	571.7	571.1	571.0
155°	567.8	567.3	566.8	566.5	566.0	566.1	565.6	565.8	565.5	565.5	565.7
157.5°	562.2	562.3	562.0	562.4	562.3	562.5	562.4	562.8	562.7	563.3	563.7
160°	560.6	560.5	560.2	560.3	560.2	560.1	560.2	560.3	560.4	560.5	561.0
162.5°	558.7	559.3	559.5	559.9	560.4	560.8	561.4	562.1	562.5	563.2	563.7
165°	562.4	562.4	562.3	562.3	562.6	562.6	562.8	563.4	563.4	564.0	564.8
167.5°	564.4	564.8	564.9	565.3	565.7	566.4	566.8	567.6	568.1	569.1	569.7
170°	570.5	570.5	570.5	570.5	570.5	570.9	571.1	571.2	571.4	572.0	572.4
172.5°	578.2	578.2	577.8	578.2	577.8	578.2	578.2	578.4	578.4	578.5	578.7
175°	581.7	582.2	582.5	582.9	582.9	583.2	583.4	583.6	583.9	584.3	584.3
177.5°	585.9	586.1	586.1	586.1	586.1	586.3	586.3	586.3	586.3	586.1	586.3
180°	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4



TEST NUMBER: P1444640  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL40

**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°	66.5	73.8	72.9	79.6	79.5	87.0	87.5	94.8	94.5	101.6	102.5
92.5°	50.1	53.1	56.2	59.3	62.4	65.4	68.5	71.5	78.1	84.3	91.3
95°	68.6	72.1	75.6	79.1	82.6	86.1	89.7	93.2	102.8	112.5	122.1
97.5°	96.8	98.9	101.3	103.6	106.0	108.3	110.7	113.1	123.6	134.0	144.3
100°	123.9	125.7	127.6	129.6	131.4	133.3	135.2	137.0	157.5	177.4	197.4
102.5°	194.2	202.2	210.2	218.2	226.4	234.4	242.4	250.4	296.5	342.3	388.2
105°	360.4	382.3	404.4	426.2	448.1	470.0	492.0	513.9	587.5	660.9	734.6
107.5°	660.1	694.7	729.2	763.9	798.5	833.3	867.8	902.6	974.2	1046.1	1117.8
110°	1005.0	1038.1	1071.0	1104.2	1137.1	1170.2	1203.3	1236.6	1279.7	1322.7	1365.9



TEST NUMBER: P1444640  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	1252.0	1267.9	1284.1	1300.3	1316.5	1332.9	1349.1	1365.5	1387.2	1408.7	1430.5
115°	1327.3	1328.2	1329.5	1330.7	1332.0	1333.1	1334.7	1336.1	1343.3	1350.1	1357.2
117.5°	1265.3	1256.5	1248.0	1239.3	1230.8	1222.5	1214.2	1206.0	1204.9	1203.8	1202.9
120°	1139.5	1127.8	1116.1	1104.2	1093.0	1081.5	1070.5	1059.4	1054.0	1048.5	1043.3
122.5°	988.4	976.8	965.3	953.8	942.6	931.5	920.6	909.8	906.2	902.4	899.1
125°	846.4	836.9	827.4	817.9	809.0	800.0	791.1	782.4	782.7	782.8	783.5
127.5°	733.0	727.2	721.5	716.2	711.1	705.8	701.1	695.9	699.2	702.3	705.6
130°	655.6	653.3	651.3	649.0	647.6	645.8	644.3	642.7	648.1	652.8	658.2
132.5°	611.2	611.0	611.2	611.4	612.0	612.5	613.4	613.9	619.8	625.4	631.3
135°	587.3	588.3	589.9	591.1	593.1	594.7	596.8	598.5	604.3	609.5	615.4
137.5°	578.1	579.5	581.3	583.2	585.5	587.6	590.2	592.3	596.8	601.4	605.8
140°	576.5	577.4	579.2	580.8	582.6	584.4	586.7	588.5	592.5	595.9	599.5
142.5°	575.9	576.7	578.3	579.9	581.7	583.2	585.1	586.8	589.7	592.2	595.5
145°	580.6	581.3	582.8	583.7	585.1	586.4	588.0	589.4	591.3	593.0	595.0
147.5°	581.1	581.7	582.6	583.6	584.7	585.6	586.5	587.5	589.0	590.3	591.5
150°	578.7	579.1	579.6	579.8	580.8	581.5	582.4	582.9	584.1	585.0	586.4
152.5°	571.7	571.9	572.3	572.7	573.4	573.8	574.3	575.0	576.2	577.0	578.2
155°	566.3	567.1	567.8	568.3	569.2	569.6	570.6	571.1	572.1	572.8	573.7
157.5°	564.4	564.8	565.8	566.1	567.1	567.7	568.3	568.9	569.8	570.4	571.2
160°	562.1	563.0	563.7	564.8	565.8	566.5	567.6	568.4	569.2	569.8	570.5
162.5°	564.5	565.3	566.0	566.6	567.4	568.1	568.6	569.3	570.5	571.2	572.3
165°	565.8	566.6	567.7	568.3	569.5	570.4	571.3	572.3	572.8	573.6	574.0
167.5°	570.7	571.3	572.6	573.3	574.3	575.1	576.1	576.9	577.6	578.0	578.8
170°	573.3	573.9	574.8	575.6	576.4	577.0	578.1	578.7	579.5	580.2	581.2
172.5°	579.3	579.9	580.6	581.0	581.7	582.4	583.1	583.5	584.3	584.8	585.4
175°	584.3	584.3	584.5	584.7	584.8	584.8	585.0	585.4	585.6	585.7	585.9
177.5°	586.6	586.8	587.0	587.3	587.5	587.7	588.0	588.2	588.2	588.2	588.2
180°	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4



TEST NUMBER: P1444640  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL40

**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°	111.6	113.3	122.8	124.9	136.3	139.6	144.8	140.8	145.6	141.8	146.9
92.5°	97.4	104.5	111.1	117.7	124.3	130.9	124.7	118.7	112.5	106.5	100.3
95°	131.7	141.4	151.1	160.7	170.3	180.0	169.6	159.4	149.1	138.8	128.4
97.5°	154.6	165.0	175.3	185.7	196.3	206.6	194.3	182.1	169.8	157.9	145.6
100°	217.4	237.6	257.6	277.6	297.7	317.8	295.2	272.3	249.7	226.9	204.0
102.5°	434.5	480.2	526.2	572.3	618.1	664.2	616.0	568.0	519.4	471.2	422.8
105°	808.2	881.8	955.4	1028.9	1102.4	1176.4	1098.0	1019.7	941.3	863.1	784.6
107.5°	1189.7	1261.3	1333.4	1405.1	1477.0	1549.1	1469.7	1390.2	1310.9	1231.4	1151.9
110°	1409.3	1452.5	1495.8	1539.1	1582.4	1625.9	1567.9	1510.2	1452.3	1394.2	1336.3



TEST NUMBER: P1444640  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	1452.1	1474.3	1495.8	1517.9	1539.6	1561.6	1520.3	1479.2	1437.7	1396.5	1355.1
115°	1364.6	1371.6	1378.9	1386.2	1393.3	1400.5	1372.8	1345.1	1317.4	1289.7	1261.6
117.5°	1202.0	1201.4	1200.2	1199.9	1198.7	1198.0	1182.7	1167.4	1151.8	1136.4	1120.9
120°	1037.8	1032.4	1027.1	1021.9	1016.4	1011.0	1004.8	998.6	992.0	985.6	979.1
122.5°	895.4	892.1	888.5	885.0	881.2	877.6	875.3	873.4	871.0	868.9	866.3
125°	783.8	784.1	784.4	784.9	785.0	785.3	784.3	783.6	782.5	781.7	780.5
127.5°	708.4	711.8	714.6	717.7	720.5	723.5	723.4	723.7	723.7	723.8	723.7
130°	662.9	668.3	673.2	678.0	682.5	687.7	687.1	687.0	686.7	686.3	685.9
132.5°	637.0	642.6	648.2	654.1	659.3	664.8	664.2	664.0	663.1	662.9	662.3
135°	620.6	626.0	631.0	636.7	641.6	646.8	645.9	645.4	644.4	644.0	643.1
137.5°	609.9	614.6	618.8	623.1	627.0	631.3	630.3	629.7	628.7	628.3	627.3
140°	602.9	606.6	609.7	613.3	616.6	620.0	618.7	617.8	616.5	615.4	614.1
142.5°	598.0	600.8	603.1	606.0	608.3	611.0	608.9	607.2	605.6	603.8	602.0
145°	596.7	598.8	600.5	602.2	603.5	605.5	603.2	601.3	598.8	596.8	594.5
147.5°	592.6	594.1	594.9	596.1	596.8	598.1	595.9	593.8	591.7	589.5	587.2
150°	587.1	588.6	589.3	590.3	591.1	592.2	589.8	587.6	585.1	582.8	580.6
152.5°	579.2	580.1	581.0	581.7	582.6	583.4	581.0	579.1	576.7	574.3	572.1
155°	574.1	575.0	575.4	576.2	576.4	576.9	574.7	573.3	571.3	569.4	567.3
157.5°	571.7	572.5	573.1	573.4	573.7	574.3	572.9	571.6	570.0	568.6	567.0
160°	571.1	571.7	572.2	572.6	573.2	573.4	572.2	571.2	570.0	568.6	567.2
162.5°	573.0	573.9	574.5	575.1	576.0	576.6	575.1	573.7	572.4	570.9	569.2
165°	574.6	575.2	575.8	576.3	576.5	577.1	576.1	575.3	574.1	573.3	572.2
167.5°	579.2	579.8	580.2	580.8	581.0	581.3	580.3	579.7	578.6	577.6	576.4
170°	581.5	582.2	583.0	583.6	584.1	584.5	583.8	583.1	582.1	581.4	580.4
172.5°	586.0	586.7	586.9	587.5	587.8	588.3	587.5	586.6	585.8	584.9	584.0
175°	585.9	586.1	586.5	586.5	586.5	586.7	586.0	585.3	584.7	584.0	583.2
177.5°	588.2	588.2	588.2	588.0	588.0	588.0	587.5	587.0	586.6	586.1	585.4
180°	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4



TEST NUMBER: P1444640  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL40

**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°	143.1	148.7	144.8	150.6	149.1	156.2	155.9	163.0	161.8	167.8	165.1
92.5°	94.2	88.0	82.0	75.8	72.8	69.3	66.9	63.2	60.5	57.1	53.9
95°	118.1	107.8	97.3	87.0	83.5	79.8	76.2	72.7	69.3	65.7	62.2
97.5°	133.4	121.1	108.9	96.7	93.6	90.6	87.3	84.3	81.1	78.1	75.0
100°	181.2	158.4	135.8	112.8	110.2	107.6	105.0	102.5	99.8	97.0	94.5
102.5°	374.5	326.0	277.6	229.2	220.0	210.8	201.7	192.3	183.1	174.0	164.8
105°	706.3	627.7	549.3	470.7	445.8	420.8	396.0	370.9	346.0	321.0	296.2
107.5°	1072.4	992.6	913.1	833.4	787.5	741.4	695.3	649.0	603.1	556.9	510.7
110°	1278.3	1220.3	1162.1	1103.8	1067.0	1029.9	992.7	955.6	918.6	881.3	844.1



TEST NUMBER: P1444640  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1313.6	1272.1	1230.5	1188.7	1172.2	1155.2	1138.7	1121.8	1105.0	1087.9	1071.2
115°	1233.7	1205.8	1177.9	1149.6	1144.0	1138.0	1132.3	1126.2	1120.4	1114.3	1108.2
117.5°	1105.5	1089.7	1074.0	1058.4	1059.5	1060.6	1061.8	1062.7	1063.6	1064.3	1065.3
120°	972.7	966.0	959.7	952.9	958.4	963.5	968.9	973.8	978.8	983.6	988.5
122.5°	864.2	861.6	859.5	856.6	863.3	869.6	875.9	882.1	888.2	893.8	899.6
125°	779.7	778.6	777.6	776.2	782.9	789.4	795.6	801.7	807.9	813.6	819.4
127.5°	723.9	723.8	723.9	723.7	728.8	733.2	737.8	741.9	746.5	750.3	754.1
130°	685.6	685.1	684.9	684.5	688.9	693.0	697.5	701.2	705.2	708.4	712.0
132.5°	661.9	661.2	660.8	660.0	663.5	666.5	669.8	672.2	675.1	677.2	679.5
135°	642.5	641.5	640.9	639.9	643.0	646.0	648.9	651.3	654.0	655.9	658.0
137.5°	626.7	625.6	624.9	623.8	626.8	629.4	631.9	634.2	636.4	638.5	640.1
140°	613.2	611.8	611.0	609.5	612.1	614.4	616.8	618.6	620.9	622.3	623.8
142.5°	600.3	598.2	596.9	594.8	596.7	598.4	600.1	601.5	603.1	604.1	605.1
145°	592.3	589.9	588.0	585.6	587.1	588.3	589.9	591.1	592.0	592.7	593.7
147.5°	585.3	582.9	580.6	578.4	579.8	580.6	581.4	582.1	583.2	583.7	584.1
150°	578.2	575.5	573.1	570.6	571.5	572.2	572.8	573.7	574.2	574.6	575.0
152.5°	569.7	567.4	564.9	562.4	562.9	563.4	563.8	564.2	564.7	565.0	565.2
155°	565.4	563.2	561.2	558.8	559.5	559.8	560.0	560.3	560.4	560.5	560.6
157.5°	565.3	563.4	562.1	560.1	560.1	560.2	560.2	559.7	559.7	559.5	559.1
160°	566.0	564.4	562.9	561.4	561.3	561.2	561.2	560.6	560.5	560.0	559.6
162.5°	567.6	566.0	564.1	562.3	562.2	562.3	562.1	561.6	561.4	561.0	560.6
165°	571.2	569.8	568.6	567.2	567.0	566.6	566.4	565.6	565.3	564.5	563.9
167.5°	575.2	574.0	572.7	571.1	571.1	571.2	571.1	570.8	570.6	570.1	570.0
170°	579.5	578.4	577.5	576.3	576.0	575.8	575.4	575.0	574.4	574.1	573.6
172.5°	582.9	581.9	580.8	579.5	579.5	579.3	579.0	578.8	578.2	577.8	577.7
175°	582.3	581.6	580.5	579.8	579.6	579.4	579.3	579.2	578.8	578.6	578.2
177.5°	584.9	584.6	583.8	583.3	583.1	583.1	582.9	582.7	582.7	582.5	582.3
180°	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4



TEST NUMBER: P1444640  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL40

**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°	170.6	167.1
92.5°	51.3	48.5
95°	58.6	55.1
97.5°	72.0	69.0
100°	91.8	89.3
102.5°	155.6	146.5
105°	271.2	246.3
107.5°	464.6	418.5
110°	806.9	769.8



TEST NUMBER: P1444640  
CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	1054.0	1037.1
115°	1101.6	1095.5
117.5°	1065.8	1066.3
120°	992.8	997.5
122.5°	904.9	910.4
125°	824.7	830.1
127.5°	757.6	761.0
130°	714.5	717.7
132.5°	681.2	682.8
135°	659.3	660.8
137.5°	641.1	642.4
140°	624.7	625.7
142.5°	605.9	606.5
145°	594.2	594.5
147.5°	583.8	584.1
150°	574.9	575.0
152.5°	564.9	565.0
155°	560.3	560.2
157.5°	558.4	558.1
160°	559.0	558.6
162.5°	560.0	559.6
165°	563.0	562.3
167.5°	569.3	569.1
170°	573.0	572.6
172.5°	577.1	576.7
175°	578.0	577.8
177.5°	582.3	581.9
180°	585.4	585.4

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

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CIE 1931 Chromaticity Diagram



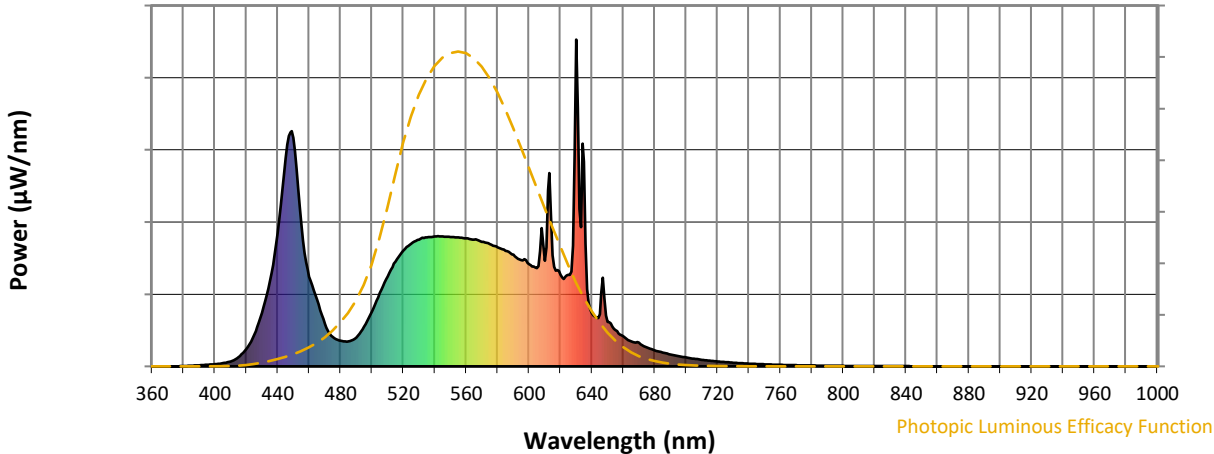
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-4

**Photopic Flux vs. Wavelength**



**Photopic Lumens: NR**

λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	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 <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	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**



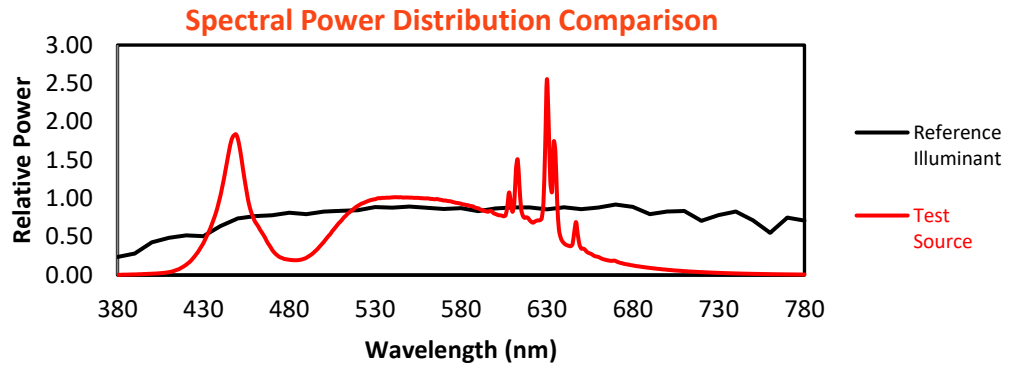
**Melanopic Lumens: NR**

**M/P: 3.71**

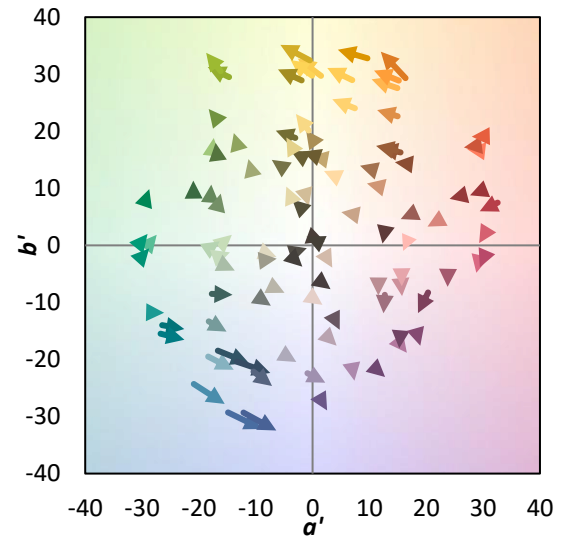
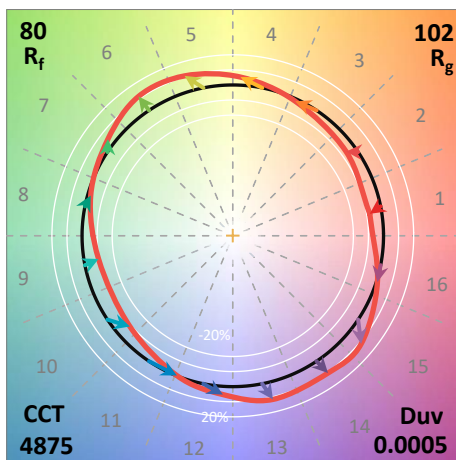
λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	89	NR	620	280	NR	750	6	NR	880	0	NR
365	0	NR	495	121	NR	625	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**

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

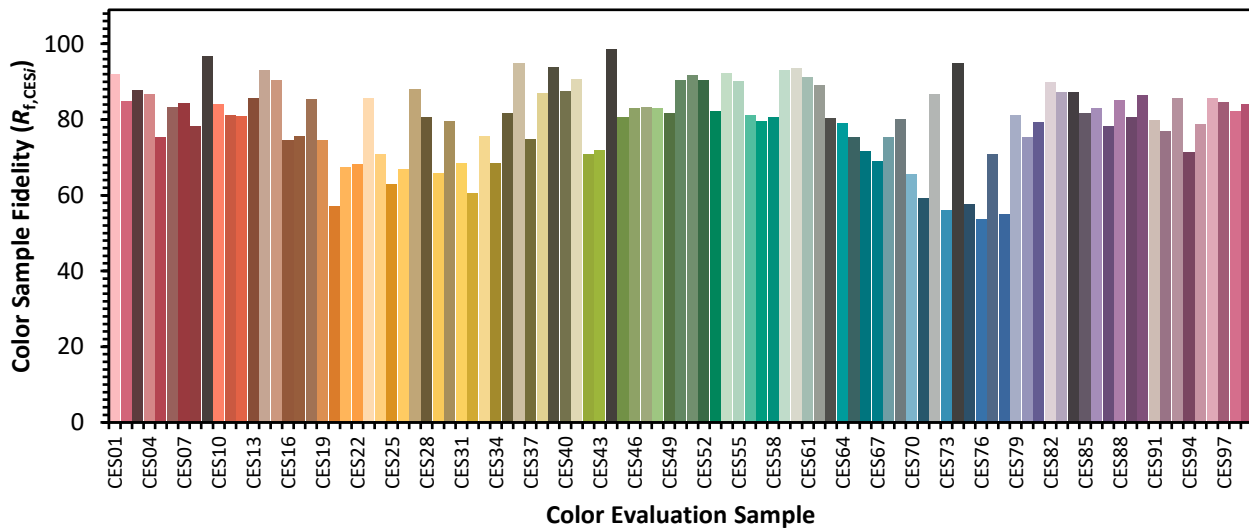


**Color Vector Graphics**

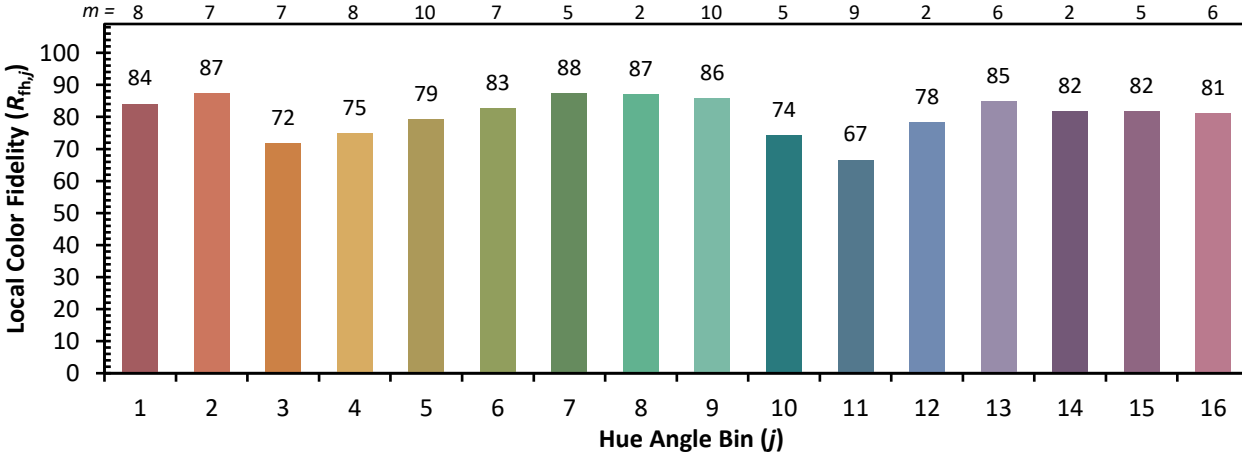


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

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)