

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: P1444638

Luminaire Tested: EHBR1-60-UNV-TA-L850-UPL30

Issue Date: 5/1/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1444638  
REPORT IS A COMBINATION OF REPORTS P1444344 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-UPL30  
Description: Elevate Round Highbay at, 60000 lumens, 5000K 80CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

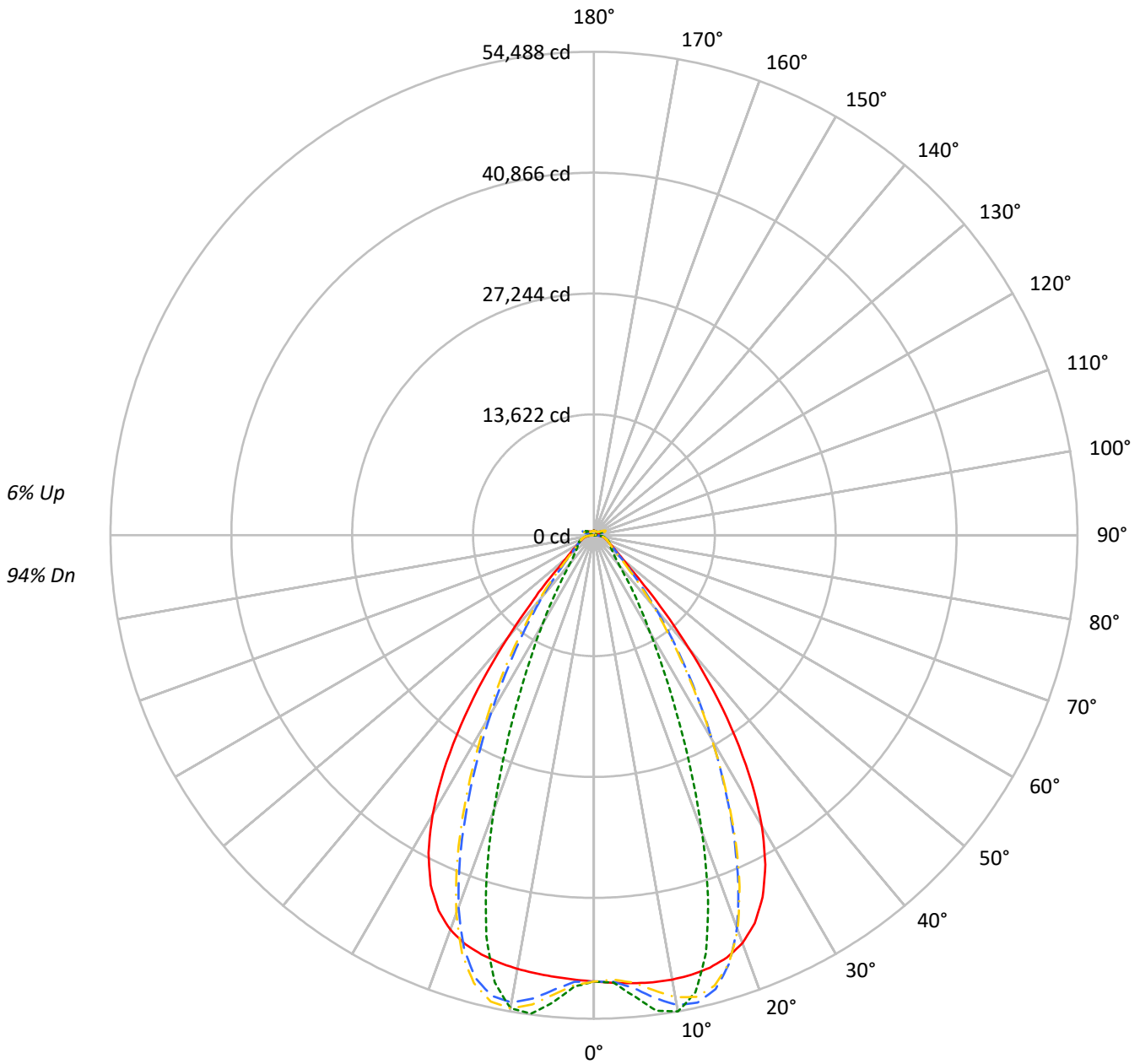
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 61227.4 lumens  
Efficiency: N/A  
Efficacy: 173.7 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): 352.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P1444638  
CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL30

### Luminous Intensity Polar Plot



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



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

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	118	118	118	118	114	114	114	114	108	108	108	102	102	102	97	97	97	97	97	97	94
1	111	107	104	101	107	104	102	99	99	97	95	95	93	91	90	89	88	88	88	88	85
2	104	98	93	89	101	96	91	87	91	88	85	88	85	82	84	82	80	84	82	80	77
3	98	90	84	79	95	88	83	78	85	80	76	81	78	74	78	75	73	78	75	73	71
4	92	83	76	72	89	81	75	71	78	73	69	76	71	68	73	70	67	73	70	67	65
5	86	77	70	65	84	75	69	65	73	68	63	71	66	62	68	65	61	68	65	61	60
6	82	71	65	60	80	70	64	59	68	63	58	66	61	58	64	60	57	64	60	57	55
7	77	67	60	55	75	66	59	55	64	58	54	62	57	53	60	56	53	60	56	53	51
8	73	62	56	51	71	61	55	51	60	54	50	58	53	50	57	52	49	57	52	49	48
9	69	58	52	48	68	58	52	47	56	51	47	55	50	46	54	49	46	54	49	46	44
10	66	55	49	44	64	54	48	44	53	48	44	52	47	43	51	46	43	51	46	43	42

**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	8.1
10°-20°	13944.2	22.8
20°-30°	15881.3	25.9
30°-40°	11414.8	18.6
40°-50°	5264.5	8.6
50°-60°	2519.3	4.1
60°-70°	1838.2	3.0
70°-80°	1396.5	2.3
80°-90°	640.5	1.0
90°-100°	99.4	0.2
100°-110°	537.1	0.9
110°-120°	991.6	1.6
120°-130°	615.6	1.0
130°-140°	407.5	0.7
140°-150°	311.6	0.5
150°-160°	223.2	0.4
160°-170°	137.6	0.2
170°-180°	47.7	0.1
0°-30°	34782.4	56.8
0°-40°	46197.2	75.5
0°-60°	53980.9	88.2
0°-90°	57856.1	94.5
90°-120°	1628.1	2.7
90°-150°	2962.8	4.8
90°-180°	3371.0	5.5
0°-180°	61227.4	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°	161	206	42	53	161	101
95°	45	50	45	50	45	43
105°	197	251	134	252	197	260
115°	868	1045	910	1046	868	803
125°	666	685	752	688	666	607
135°	541	468	582	474	541	422
145°	496	471	526	478	496	313
155°	474	470	503	476	474	220
165°	482	478	498	482	482	137
175°	498	502	506	503	498	47
180°	505	505	505	505	505	



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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°	161.2	169.9	173.0	183.2	185.9	195.2	197.3	207.7	210.6	221.2	225.4
92.5°	40.0	42.3	44.6	47.5	50.0	53.5	56.5	59.2	61.9	65.1	70.1
95°	45.2	47.9	50.7	53.5	56.3	59.0	61.8	64.6	67.4	70.1	78.1
97.5°	56.3	58.7	61.1	63.6	65.9	68.4	70.7	73.2	75.5	77.8	87.4
100°	72.6	74.7	76.6	78.7	80.7	82.7	84.8	86.8	88.8	90.9	108.6
102.5°	117.9	125.0	132.3	139.5	146.8	153.7	161.2	168.2	175.4	182.6	220.3
105°	196.9	216.4	236.1	255.6	275.1	294.8	314.3	333.6	353.1	372.6	434.4
107.5°	333.0	369.0	405.3	441.5	477.8	513.8	550.1	586.1	622.2	658.0	720.7
110°	610.1	638.9	668.1	697.1	726.2	755.4	784.4	813.0	842.3	871.2	916.9



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**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	821.3	834.2	847.3	860.5	873.5	886.4	899.5	912.4	925.5	938.3	970.9
115°	868.4	872.9	877.5	881.8	886.4	890.6	895.1	899.3	903.8	907.8	929.8
117.5°	846.8	845.7	844.9	843.9	842.6	841.5	840.4	839.1	837.9	836.5	848.7
120°	794.4	789.9	785.9	781.2	777.1	772.4	768.1	763.5	758.9	754.1	759.2
122.5°	727.6	722.4	717.6	712.0	706.7	701.2	696.0	690.1	684.9	679.3	680.8
125°	666.4	661.0	656.3	650.7	645.2	639.5	634.0	628.3	622.7	616.8	617.4
127.5°	614.0	610.3	606.7	602.2	598.2	594.0	589.7	585.1	581.1	576.3	576.1
130°	581.9	578.6	575.0	571.1	567.5	563.3	559.3	555.0	551.1	546.6	546.4
132.5°	556.6	554.2	551.5	548.6	545.7	542.2	539.2	535.5	532.3	529.0	528.8
135°	541.3	538.8	536.5	533.8	530.9	527.6	524.3	521.0	517.9	514.4	514.5
137.5°	528.9	526.7	524.4	521.6	519.0	515.7	512.9	509.5	506.6	503.2	503.2
140°	517.6	515.6	513.3	510.7	508.3	505.6	502.6	499.6	496.6	493.5	493.9
142.5°	504.2	502.2	500.7	498.4	496.3	493.7	491.3	488.5	486.1	483.3	484.1
145°	496.3	494.8	493.4	491.5	489.4	487.0	485.0	482.3	480.3	477.9	478.6
147.5°	489.5	488.2	487.0	485.4	483.9	481.7	479.7	477.6	475.7	473.7	474.6
150°	483.7	482.5	481.4	480.0	478.3	476.4	474.5	472.8	470.8	468.7	469.7
152.5°	476.8	475.5	474.5	473.2	471.6	469.5	468.3	466.3	464.6	462.7	463.4
155°	474.2	473.0	471.6	470.4	468.8	467.2	465.5	463.9	462.4	460.5	461.1
157.5°	473.9	472.6	471.7	470.2	469.2	467.9	466.5	465.0	463.7	462.4	462.6
160°	475.9	474.7	473.7	472.4	471.0	469.6	468.4	467.0	466.1	464.5	464.7
162.5°	478.2	476.9	475.7	474.4	473.3	471.9	470.7	469.6	468.4	467.0	467.4
165°	481.7	481.0	480.0	479.2	478.2	477.3	476.3	475.2	474.2	473.2	473.3
167.5°	488.6	487.5	486.7	485.6	484.5	483.7	482.5	481.4	480.6	479.4	479.5
170°	492.5	491.6	491.0	490.5	489.8	489.0	488.5	487.7	486.9	486.2	486.4
172.5°	496.6	496.0	495.6	495.2	494.4	494.1	493.5	492.9	492.5	491.8	492.4
175°	498.1	497.6	497.4	497.0	496.6	496.2	496.1	495.8	495.8	495.2	495.4
177.5°	501.8	501.6	501.6	501.5	501.5	501.4	501.2	500.8	500.6	500.6	500.8
180°	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9



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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°	236.7	242.0	252.9	254.0	261.7	261.7	210.4	205.3	200.0	201.7	194.4
92.5°	75.7	80.5	85.9	91.0	96.3	101.5	100.7	104.0	99.4	93.8	89.4
95°	86.2	94.3	102.5	110.6	118.8	126.8	135.0	143.1	135.6	127.8	120.2
97.5°	97.0	106.7	116.1	125.6	135.3	144.9	154.5	164.1	156.0	147.4	139.3
100°	126.5	144.5	162.3	180.1	197.9	215.9	233.8	251.8	236.0	219.9	204.2
102.5°	258.2	296.3	334.2	372.1	410.1	448.1	486.3	524.4	488.3	451.8	415.6
105°	496.0	557.4	619.0	680.3	741.9	803.4	865.6	927.2	869.3	811.4	753.5
107.5°	783.1	845.6	907.7	970.0	1032.5	1094.9	1158.1	1220.6	1164.1	1107.2	1050.8
110°	962.3	1007.6	1053.1	1098.4	1143.7	1189.1	1235.8	1281.3	1247.2	1213.1	1179.0



TEST NUMBER: P1444638  
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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°	1003.0	1035.5	1067.9	1100.2	1132.3	1164.7	1198.7	1231.4	1214.1	1196.4	1179.4
115°	951.3	973.2	994.7	1016.4	1038.0	1059.4	1083.1	1105.3	1099.4	1093.4	1087.8
117.5°	860.6	872.5	884.4	896.1	907.8	919.7	934.3	946.5	946.8	947.4	947.9
120°	763.9	768.6	773.2	778.2	782.5	787.1	795.0	800.3	804.4	808.1	812.2
122.5°	682.3	683.8	685.1	686.5	687.9	689.2	694.2	696.4	698.8	701.3	703.9
125°	617.8	618.0	618.4	618.7	618.7	619.0	623.7	624.6	624.2	623.7	623.3
127.5°	575.5	575.1	574.6	574.2	573.4	572.9	576.9	577.2	574.6	572.0	569.2
130°	546.2	546.0	545.7	545.5	545.3	545.1	549.5	550.5	546.3	541.8	537.8
132.5°	528.6	528.6	528.2	528.4	528.2	528.0	533.0	534.1	529.6	524.6	519.9
135°	514.3	514.5	514.5	514.5	514.5	514.9	520.4	521.8	517.5	512.7	508.2
137.5°	503.0	503.1	503.1	503.5	503.5	503.7	510.0	511.5	507.9	503.9	500.4
140°	494.1	494.2	494.5	495.1	495.3	496.0	502.6	504.5	501.7	498.5	495.4
142.5°	484.4	485.3	486.1	487.1	487.9	489.1	496.8	499.3	497.0	494.4	492.2
145°	479.4	480.6	481.5	482.8	484.0	485.3	494.2	497.1	495.6	493.8	492.0
147.5°	474.9	476.0	477.0	478.1	479.2	480.9	490.2	493.1	492.2	490.8	489.8
150°	470.4	471.6	472.4	473.8	475.1	476.7	487.2	490.7	489.9	488.9	487.8
152.5°	464.1	465.0	466.0	467.1	468.2	469.6	482.4	486.3	485.6	484.5	483.8
155°	461.6	462.2	462.7	463.6	464.3	465.7	479.6	483.6	483.0	482.4	481.7
157.5°	462.7	462.9	463.1	463.6	464.1	464.8	479.5	483.8	483.0	482.5	481.9
160°	464.6	464.9	464.9	465.2	465.3	465.8	481.0	485.0	484.6	483.8	483.2
162.5°	467.5	468.3	468.4	468.8	469.1	469.9	485.1	489.6	488.7	487.9	487.1
165°	473.4	473.3	473.4	473.7	473.8	474.0	488.5	492.1	491.7	491.0	490.5
167.5°	479.5	479.8	479.8	480.2	480.4	480.9	494.4	497.9	497.5	496.8	496.4
170°	486.4	486.8	486.7	487.1	487.5	488.1	499.2	502.2	501.8	500.9	500.3
172.5°	492.5	493.1	493.4	493.9	494.2	494.8	504.2	507.1	506.7	506.1	505.4
175°	495.7	496.0	496.3	496.8	497.2	497.6	505.0	507.1	506.9	506.6	506.2
177.5°	501.2	501.3	501.6	502.0	502.4	502.7	507.2	508.5	508.3	508.3	508.2
180°	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9



TEST NUMBER: P1444638  
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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°	193.8	186.8	189.6	186.6	192.2	189.5	194.7	191.0	197.5	197.5	206.2
92.5°	83.5	78.8	73.1	68.4	62.8	58.2	55.2	53.2	50.4	48.6	45.6
95°	112.7	105.0	97.4	89.9	82.3	74.8	72.0	69.3	66.4	63.7	60.9
97.5°	131.1	123.1	114.9	106.6	98.4	90.3	88.4	86.5	84.8	82.9	81.0
100°	188.4	172.7	157.0	141.1	125.3	109.6	108.1	106.7	105.2	103.7	102.2
102.5°	379.6	343.3	307.3	271.0	235.0	198.7	192.4	186.1	179.9	173.6	167.3
105°	695.5	637.5	579.6	521.8	464.0	406.3	389.1	371.5	354.3	337.1	319.8
107.5°	994.3	937.6	881.3	824.9	768.4	712.1	684.6	657.4	629.9	602.7	575.5
110°	1144.6	1110.6	1076.8	1042.5	1008.7	974.8	948.5	922.7	896.3	870.4	844.5



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**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	1162.0	1144.8	1127.4	1110.5	1093.4	1076.2	1063.4	1050.6	1038.0	1025.2	1012.2
115°	1081.8	1076.1	1070.3	1064.8	1059.3	1053.5	1052.3	1051.4	1050.2	1049.3	1048.3
117.5°	948.3	948.9	949.2	950.0	950.6	951.3	957.9	964.1	970.8	977.6	984.5
120°	816.2	820.1	824.0	828.3	832.3	836.6	845.1	853.9	862.6	871.9	880.9
122.5°	706.4	708.8	711.3	714.0	716.7	719.3	727.7	736.3	744.9	753.7	762.8
125°	622.4	621.8	621.3	620.5	620.0	619.7	626.4	633.3	640.2	647.7	654.7
127.5°	566.5	563.4	560.6	558.0	555.0	552.6	556.2	560.0	563.7	567.9	571.8
130°	533.4	529.1	524.4	520.4	515.7	511.7	512.6	513.7	514.7	516.1	517.3
132.5°	514.9	510.1	505.1	500.1	495.1	490.3	489.4	488.6	487.7	487.3	486.9
135°	503.4	498.9	493.9	489.3	484.3	479.8	478.0	476.1	474.4	472.9	471.5
137.5°	496.4	492.6	488.7	484.9	480.7	476.9	474.2	472.5	470.0	468.5	466.6
140°	492.0	489.2	485.6	482.5	479.2	476.1	473.9	472.2	470.2	468.7	467.0
142.5°	489.5	486.9	484.4	482.0	479.4	476.9	474.8	473.2	471.4	469.9	468.2
145°	490.2	488.6	486.6	484.8	483.0	481.2	479.4	478.1	476.6	475.2	474.2
147.5°	488.5	487.2	485.9	484.6	483.1	481.8	480.4	479.7	478.3	477.5	476.4
150°	486.4	485.4	484.1	483.2	481.6	480.5	479.6	478.9	478.0	477.6	476.6
152.5°	482.4	481.6	480.4	479.5	478.2	477.1	476.3	475.7	475.0	474.4	473.5
155°	480.7	480.0	479.1	478.3	477.2	476.6	475.7	474.7	474.0	473.3	472.4
157.5°	481.1	480.4	479.5	479.0	477.8	477.1	476.3	475.5	474.6	474.0	473.2
160°	482.5	481.9	481.0	480.2	479.5	478.8	477.6	476.9	475.7	475.0	473.9
162.5°	486.2	485.3	484.6	483.7	482.5	481.8	480.8	480.0	479.4	478.6	477.7
165°	489.7	489.0	488.2	487.5	486.9	486.1	485.0	484.3	483.2	482.4	481.4
167.5°	495.7	495.2	494.4	493.8	492.9	492.1	491.3	490.5	489.5	488.6	487.5
170°	499.8	498.9	498.3	497.4	496.6	495.7	495.0	494.0	493.0	492.5	491.4
172.5°	504.8	504.5	503.7	503.1	502.2	501.6	501.1	500.4	499.6	498.8	498.3
175°	506.0	505.8	505.6	505.0	504.8	504.5	504.1	503.9	503.5	503.3	502.8
177.5°	508.2	508.0	508.0	507.6	507.4	507.4	507.1	506.9	506.5	506.1	506.0
180°	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9



TEST NUMBER: P1444638  
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**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°	204.3	210.1	204.5	205.8	200.8	202.7	193.4	191.3	177.6	173.3	161.2
92.5°	43.5	40.6	38.3	35.8	39.0	40.8	43.8	45.6	48.4	50.4	53.2
95°	58.2	55.3	52.6	49.8	52.1	54.2	56.5	58.6	60.9	63.1	65.3
97.5°	79.2	77.4	75.5	73.7	74.9	76.2	77.5	78.8	80.2	81.4	82.9
100°	100.7	99.2	97.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
102.5°	161.0	154.7	148.4	142.1	146.4	150.6	154.9	159.1	163.4	167.6	172.1
105°	302.6	285.5	268.3	251.1	267.7	284.4	301.0	317.7	334.3	351.4	368.0
107.5°	548.1	521.0	493.8	466.6	497.1	527.5	557.7	588.1	618.4	648.8	679.4
110°	818.6	792.7	766.9	740.9	773.2	805.3	837.5	869.6	901.9	934.0	966.7



TEST NUMBER: P1444638  
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**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	999.7	987.1	974.5	961.9	982.7	1003.4	1024.0	1045.1	1065.9	1086.8	1107.4
115°	1047.4	1046.6	1045.9	1045.1	1055.0	1064.8	1074.5	1084.5	1094.6	1104.4	1114.4
117.5°	991.1	998.0	1005.0	1012.0	1015.2	1018.3	1021.7	1024.8	1028.3	1031.6	1035.1
120°	890.1	899.1	908.5	917.9	916.7	915.4	914.2	912.9	912.1	911.1	910.6
122.5°	771.9	781.0	790.4	799.7	796.9	794.1	791.5	789.0	786.6	784.3	782.1
125°	662.4	669.8	677.7	685.4	682.7	679.8	677.3	675.0	672.6	670.2	668.3
127.5°	576.4	581.1	585.5	590.3	589.1	587.8	587.0	585.9	585.1	584.7	584.2
130°	519.0	520.8	523.1	524.9	525.3	525.7	526.5	527.3	528.5	529.3	530.8
132.5°	487.1	486.9	487.2	487.5	489.0	490.5	492.4	494.3	496.7	498.7	501.6
135°	470.6	469.6	468.8	468.4	470.6	472.6	475.1	477.7	480.9	484.0	487.4
137.5°	465.2	463.6	462.8	461.5	463.7	465.9	468.5	471.2	474.0	477.3	480.8
140°	465.7	464.4	463.7	462.6	464.8	466.8	469.4	472.0	474.9	478.1	481.4
142.5°	467.1	465.6	464.9	464.1	465.8	467.9	470.4	472.7	475.4	478.1	481.1
145°	473.1	472.0	471.4	470.6	471.9	473.4	475.0	476.9	479.1	480.9	483.5
147.5°	475.6	474.9	474.5	473.9	475.0	475.9	477.3	478.4	480.0	481.5	483.4
150°	476.4	475.6	475.3	475.1	475.7	476.2	477.2	477.7	478.9	479.7	481.2
152.5°	473.3	472.6	472.6	472.2	472.6	473.1	473.9	474.4	475.3	476.0	477.4
155°	472.0	471.4	470.9	470.3	470.3	470.3	470.6	470.6	471.2	471.4	471.9
157.5°	472.8	472.0	471.7	470.9	470.7	470.3	470.4	470.2	470.3	469.9	470.1
160°	473.4	472.3	471.5	470.7	470.8	470.4	470.5	470.2	470.4	470.4	470.5
162.5°	477.1	476.4	475.8	475.0	474.6	473.9	473.6	472.8	472.5	472.1	471.9
165°	480.4	479.5	478.8	477.6	477.4	477.1	476.7	476.3	476.0	475.7	475.7
167.5°	486.9	485.8	485.0	484.2	483.6	482.6	482.2	481.5	481.0	480.4	480.2
170°	490.8	490.0	489.4	488.6	488.3	487.7	487.5	486.9	486.7	486.5	486.5
172.5°	497.8	497.0	496.4	495.9	495.6	495.2	495.0	494.8	494.4	494.4	494.2
175°	502.6	502.2	502.0	501.6	501.3	501.1	500.7	500.5	500.4	500.0	499.8
177.5°	505.5	505.1	504.9	504.7	504.5	504.5	504.5	504.5	504.5	504.3	504.1
180°	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9



TEST NUMBER: P1444638  
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**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°	159.5	148.8	148.0	140.2	141.2	134.6	137.4	133.3	136.9	132.6	136.9
92.5°	55.2	57.6	61.8	66.8	70.9	75.3	79.6	84.6	88.7	93.5	97.5
95°	67.5	69.7	75.6	81.5	87.5	93.4	99.5	105.4	111.4	117.3	123.2
97.5°	84.2	85.5	91.4	97.3	103.2	109.1	115.1	121.4	127.3	133.3	139.2
100°	96.3	96.5	113.3	130.2	146.9	163.8	180.7	197.5	214.7	231.6	248.4
102.5°	176.3	180.5	223.1	265.8	308.3	350.9	393.6	436.3	478.9	521.8	564.4
105°	384.7	401.4	466.3	531.4	596.2	661.4	726.5	791.8	856.8	922.0	987.1
107.5°	709.8	740.3	799.2	858.0	916.6	975.5	1034.5	1093.4	1152.1	1211.1	1270.4
110°	998.8	1031.2	1070.6	1110.2	1149.8	1189.1	1228.7	1268.3	1308.1	1347.7	1387.6



TEST NUMBER: P1444638  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL30

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	1128.2	1149.4	1172.3	1195.6	1218.8	1242.0	1265.2	1288.5	1311.9	1335.4	1358.8
115°	1124.6	1134.8	1143.7	1153.2	1162.1	1171.7	1180.9	1190.5	1200.1	1209.6	1219.2
117.5°	1038.5	1042.4	1043.9	1045.7	1047.4	1049.6	1051.5	1053.7	1055.9	1058.2	1060.1
120°	909.6	908.9	907.8	906.8	905.8	905.0	904.4	903.6	903.0	902.5	901.7
122.5°	779.7	778.0	776.9	776.1	775.4	774.9	774.3	774.1	773.6	773.2	772.8
125°	666.3	664.6	666.6	668.5	670.6	672.8	674.9	677.5	679.7	682.1	684.5
127.5°	583.7	583.7	587.8	592.0	596.3	600.8	605.2	609.8	614.1	618.9	623.2
130°	532.3	534.0	539.1	544.6	549.8	555.4	560.9	566.7	571.9	577.4	582.8
132.5°	504.1	507.2	512.1	517.5	522.6	528.0	533.4	538.8	544.1	549.7	554.7
135°	490.8	494.6	499.2	504.2	509.0	514.2	519.0	524.2	528.9	534.1	538.7
137.5°	484.1	487.9	491.9	496.1	499.9	504.4	508.4	512.7	516.6	520.9	524.7
140°	484.8	488.5	490.8	493.9	496.4	499.2	501.7	504.7	507.1	510.1	512.5
142.5°	484.2	487.7	489.2	491.2	493.1	495.5	497.3	499.3	501.1	502.8	504.5
145°	485.7	488.5	489.0	490.0	490.7	491.6	492.2	493.1	493.6	494.3	494.9
147.5°	485.2	487.2	487.2	487.8	488.2	488.3	488.8	489.1	489.1	489.5	489.7
150°	482.3	483.9	483.5	483.7	483.3	483.3	482.9	483.0	482.6	482.6	482.2
152.5°	478.3	479.5	478.7	478.7	478.1	477.8	477.2	477.1	476.5	476.1	475.9
155°	472.1	472.7	472.3	472.1	471.8	471.6	471.2	471.4	471.3	471.1	471.0
157.5°	470.1	470.1	469.9	469.7	469.3	469.3	469.2	469.2	469.2	469.6	469.8
160°	470.3	470.5	470.1	469.9	469.7	469.5	469.4	469.6	469.6	470.2	470.4
162.5°	471.3	471.1	470.7	470.5	470.4	470.4	470.4	470.8	470.9	471.3	471.6
165°	475.7	475.9	475.1	475.1	474.8	474.6	474.4	474.4	474.6	474.8	475.0
167.5°	479.8	479.6	479.6	479.8	479.8	480.0	480.2	480.9	481.1	481.9	482.1
170°	486.4	486.5	486.2	486.1	485.9	485.9	486.0	486.0	486.2	486.4	486.4
172.5°	494.2	494.2	493.8	493.4	493.1	492.9	492.5	492.5	492.2	492.0	491.6
175°	499.5	499.3	499.1	498.9	498.7	498.3	498.2	497.6	497.4	497.2	497.0
177.5°	503.9	503.5	503.3	503.3	503.1	503.0	503.0	502.8	502.8	502.8	502.4
180°	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9



TEST NUMBER: P1444638  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL30

**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°	126.3	124.3	114.2	112.4	102.5	97.7	86.4	82.9	72.5	70.4	63.6
92.5°	92.5	87.5	82.9	77.5	73.0	68.0	63.0	58.0	52.9	50.9	49.6
95°	116.0	108.9	101.8	94.5	87.3	80.1	73.1	65.8	58.6	57.2	55.7
97.5°	130.8	122.4	113.8	105.5	97.0	88.5	80.2	71.7	63.2	62.3	61.3
100°	229.0	209.6	190.0	170.4	151.0	131.4	112.0	92.4	73.0	71.9	70.7
102.5°	516.9	469.5	422.3	374.9	327.8	280.2	233.0	185.5	138.1	131.2	124.5
105°	915.4	843.5	772.2	700.5	628.7	557.0	485.4	413.4	341.7	318.7	295.6
107.5°	1203.0	1135.5	1068.4	1001.1	933.7	866.5	799.0	731.5	664.0	623.6	583.1
110°	1334.1	1280.7	1227.7	1174.2	1121.0	1067.5	1014.1	960.7	907.2	872.3	837.8



TEST NUMBER: P1444638  
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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°	1319.9	1280.9	1242.2	1203.0	1164.3	1125.1	1086.2	1047.0	1007.8	986.9	965.8
115°	1196.0	1172.8	1149.7	1126.4	1103.1	1079.8	1056.5	1032.9	1009.4	998.5	987.6
117.5°	1048.8	1037.1	1025.7	1014.0	1002.4	990.5	978.9	967.1	955.3	951.8	948.0
120°	899.2	896.0	892.7	889.6	886.5	883.4	879.9	876.7	873.2	874.1	875.1
122.5°	775.0	777.0	779.2	780.9	783.2	784.8	787.1	788.5	790.4	793.9	797.4
125°	688.8	692.9	697.2	701.2	705.3	709.4	713.7	717.4	721.6	725.0	728.9
127.5°	628.2	632.7	637.5	641.9	646.8	651.3	655.9	660.2	664.8	668.1	671.8
130°	587.2	591.1	595.6	599.4	603.8	607.8	611.9	616.0	620.0	623.0	625.9
132.5°	558.6	562.5	566.4	570.0	574.0	577.6	581.5	585.1	589.3	591.4	594.1
135°	542.0	544.9	548.0	550.8	554.2	557.0	560.1	563.2	566.6	568.4	570.5
137.5°	527.3	529.8	532.6	534.9	537.8	540.2	543.1	545.9	548.9	550.1	551.8
140°	515.0	517.7	520.2	522.8	525.6	528.3	531.4	534.2	537.3	538.6	540.4
142.5°	506.8	508.6	510.8	512.9	515.3	517.4	519.9	522.6	525.2	526.7	528.1
145°	497.2	499.4	501.9	504.1	506.6	509.1	512.2	514.9	517.9	518.9	520.3
147.5°	491.5	493.4	495.7	497.6	500.0	501.9	504.7	507.2	509.9	511.1	512.3
150°	484.4	486.2	488.4	490.4	492.8	495.2	497.8	500.5	503.6	504.9	506.2
152.5°	478.0	479.9	482.2	484.7	487.1	489.7	492.5	495.3	498.2	499.3	500.9
155°	473.3	475.1	477.5	479.9	482.5	484.8	487.5	490.1	492.9	494.4	495.7
157.5°	471.8	473.5	475.7	478.0	480.1	482.4	485.0	487.3	489.9	490.9	492.1
160°	472.2	473.9	475.9	478.0	480.0	482.1	484.3	486.4	488.6	489.7	490.8
162.5°	473.5	475.2	477.4	479.1	481.2	483.2	485.5	487.3	489.6	490.5	491.6
165°	476.4	478.0	479.5	480.9	482.6	483.9	485.7	487.2	489.1	489.8	491.1
167.5°	483.6	484.5	485.6	486.8	488.2	489.4	490.8	491.9	493.4	494.4	495.4
170°	487.5	488.4	489.4	490.5	491.5	492.7	493.9	494.7	496.2	497.0	497.9
172.5°	492.4	492.8	493.6	494.2	495.0	495.6	496.4	497.1	497.9	498.9	499.7
175°	497.6	497.8	498.2	498.4	498.6	499.0	499.6	500.2	500.6	501.2	501.7
177.5°	502.6	502.8	503.0	503.2	503.7	503.9	504.3	504.5	504.8	505.4	506.1
180°	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9



TEST NUMBER: P1444638  
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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°	62.2	55.9	54.8	49.0	47.4	43.4	42.3	42.2	43.2	43.4	44.5
92.5°	47.9	46.3	44.7	43.0	41.4	39.7	38.0	39.7	41.4	43.0	44.7
95°	54.2	52.7	51.3	49.8	48.3	46.9	45.4	46.9	48.3	50.0	51.5
97.5°	60.4	59.4	58.5	57.6	56.7	55.7	54.8	55.8	56.8	57.7	58.6
100°	69.6	68.6	67.4	66.3	65.2	64.0	63.0	64.4	65.6	66.7	67.8
102.5°	117.8	110.9	104.1	97.2	90.4	83.6	76.7	83.6	90.4	97.4	104.3
105°	272.5	249.6	226.4	203.3	180.2	157.1	134.0	157.3	180.4	203.5	226.8
107.5°	542.3	502.0	461.4	420.8	379.9	339.4	298.7	339.6	380.2	421.0	461.7
110°	802.6	767.7	732.7	697.7	662.5	627.7	592.5	627.9	662.9	698.1	733.3



TEST NUMBER: P1444638  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL30

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	944.6	923.5	902.2	881.2	859.8	838.6	817.2	839.0	860.5	882.1	903.3
115°	976.7	965.6	954.7	943.5	932.3	921.2	909.7	921.8	933.3	944.7	956.1
117.5°	944.4	940.9	937.1	933.5	929.6	925.8	921.8	926.2	930.5	935.1	939.0
120°	875.6	876.8	877.5	878.1	878.8	879.3	879.7	880.1	880.1	880.1	879.9
122.5°	800.8	804.3	807.4	810.8	813.9	817.2	819.8	817.8	815.4	813.2	810.4
125°	732.3	736.1	739.5	743.0	746.1	749.7	752.2	750.6	748.2	745.7	743.0
127.5°	675.2	678.6	681.6	685.1	688.0	690.9	693.5	692.0	690.1	688.0	685.5
130°	628.7	631.8	634.2	636.9	639.3	641.4	643.3	642.6	641.3	640.2	638.5
132.5°	596.3	599.0	601.2	603.4	605.0	607.1	608.2	608.2	607.4	606.9	605.6
135°	572.6	574.4	576.1	578.2	579.4	580.7	581.5	582.1	581.9	581.7	580.9
137.5°	553.2	554.9	556.1	557.1	558.1	558.8	559.2	560.2	560.6	561.2	561.1
140°	541.6	543.3	544.7	545.8	546.8	547.8	548.0	549.2	549.5	549.9	549.7
142.5°	529.6	531.1	532.5	533.8	534.6	535.4	535.8	536.8	537.2	537.5	537.5
145°	521.6	522.7	523.9	525.0	525.5	526.1	526.1	527.5	528.0	528.6	529.0
147.5°	513.3	514.6	515.4	516.3	516.9	517.5	517.7	518.5	519.2	519.8	520.2
150°	507.6	508.9	510.2	511.3	512.2	512.9	513.1	514.0	514.4	514.8	514.8
152.5°	501.9	503.0	504.2	505.2	506.1	506.7	507.0	507.7	508.5	509.1	509.3
155°	496.8	498.1	499.2	500.4	501.1	502.0	502.7	503.5	504.1	504.4	504.8
157.5°	493.2	494.5	495.5	496.5	497.3	498.4	499.2	500.1	500.7	501.5	501.7
160°	491.7	493.1	493.8	495.0	495.9	496.8	497.5	498.5	499.2	499.8	500.6
162.5°	492.5	493.7	494.2	495.4	496.2	497.2	497.9	498.9	499.6	500.4	501.0
165°	492.2	493.4	494.2	495.4	496.4	497.6	498.3	499.1	499.5	500.0	500.4
167.5°	496.2	497.4	498.0	499.2	499.9	501.1	502.0	502.5	502.9	503.3	503.6
170°	498.7	499.7	500.5	501.3	502.1	503.1	503.7	504.1	504.4	504.8	505.2
172.5°	500.4	501.5	502.2	503.3	504.0	505.0	505.8	506.1	506.1	506.2	506.0
175°	502.2	503.1	503.7	504.5	505.0	505.8	506.5	506.3	506.5	506.4	506.4
177.5°	506.9	507.8	508.5	509.1	509.9	510.4	511.2	510.6	510.3	509.9	509.3
180°	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9



TEST NUMBER: P1444638  
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**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°	45.1	46.0	46.6	47.6	49.3	52.2	55.3	58.2	62.0	64.6	68.0
92.5°	46.3	48.0	49.7	51.4	53.0	58.1	63.1	68.1	73.3	78.0	83.0
95°	52.9	54.4	55.9	57.8	59.2	66.4	73.7	80.8	88.1	95.3	102.5
97.5°	59.9	60.9	61.8	62.8	63.8	72.4	80.8	89.4	97.9	106.4	114.7
100°	69.1	70.1	71.2	72.6	73.7	93.3	112.9	132.5	152.1	171.5	191.1
102.5°	111.2	118.1	124.9	132.1	139.0	186.5	234.1	281.5	328.7	376.2	423.7
105°	250.0	273.1	296.5	319.7	342.8	414.7	486.7	558.6	630.1	701.9	773.8
107.5°	502.5	543.2	584.2	624.8	665.5	733.2	800.7	868.1	935.8	1003.3	1070.5
110°	768.7	803.5	839.1	874.1	909.3	962.7	1016.6	1069.9	1123.5	1177.1	1230.5



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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°	925.0	946.2	967.6	988.8	1010.2	1049.5	1089.1	1128.2	1167.6	1206.3	1245.6
115°	967.6	978.5	989.9	1001.0	1012.5	1036.3	1059.7	1083.4	1107.0	1130.3	1154.0
117.5°	943.1	947.1	951.1	954.8	958.8	970.8	982.9	994.9	1006.8	1018.9	1030.7
120°	879.7	879.1	878.8	878.1	877.7	881.0	884.8	888.2	891.9	895.2	898.5
122.5°	807.8	804.7	801.9	798.7	795.8	793.9	792.5	790.5	789.4	787.4	785.8
125°	740.1	737.1	734.1	730.8	727.4	723.7	720.0	716.1	712.2	708.3	704.5
127.5°	683.4	680.4	677.8	674.7	671.7	667.3	663.0	658.5	654.5	649.8	645.5
130°	636.8	634.6	632.7	629.9	627.9	623.6	620.0	616.0	612.2	608.2	604.3
132.5°	604.6	602.8	601.4	599.1	597.5	593.8	590.6	586.7	583.2	579.5	576.1
135°	580.4	579.3	578.4	576.9	575.5	572.4	569.8	566.9	564.1	561.2	558.4
137.5°	561.1	560.4	559.7	559.0	558.2	555.7	553.4	550.9	548.6	546.0	543.8
140°	549.6	549.1	548.7	547.9	547.1	544.6	542.2	539.6	537.2	534.6	532.1
142.5°	537.3	536.9	536.5	535.8	535.2	533.1	531.3	529.3	527.2	525.2	523.3
145°	528.9	528.7	528.8	528.1	528.2	525.7	523.8	521.2	519.4	517.0	515.0
147.5°	520.5	520.4	520.6	520.3	520.6	518.5	517.0	515.0	513.5	511.5	510.0
150°	514.9	514.9	514.9	514.6	514.4	512.6	511.1	509.1	507.7	505.7	504.2
152.5°	509.4	509.6	509.8	509.8	510.0	508.3	506.7	504.8	503.1	501.2	499.6
155°	505.2	505.4	505.6	505.6	505.6	504.1	502.6	501.0	499.5	497.8	496.3
157.5°	502.1	502.5	502.9	503.1	503.3	502.0	500.8	499.4	498.1	496.6	495.4
160°	500.9	501.5	501.8	502.0	502.3	501.3	500.5	499.0	498.3	496.7	495.6
162.5°	501.5	502.0	502.4	502.6	502.9	501.8	501.2	500.0	498.9	497.4	496.3
165°	501.0	501.0	501.4	501.4	501.6	500.9	500.3	499.6	498.8	497.9	497.1
167.5°	504.1	504.1	504.5	504.4	504.6	504.0	504.1	503.3	502.7	502.2	501.6
170°	505.4	505.6	505.8	505.8	506.0	505.4	505.1	504.5	504.2	503.4	502.8
172.5°	506.2	505.9	506.0	506.0	505.8	505.4	505.2	504.9	504.7	504.3	503.9
175°	506.2	506.0	506.0	505.8	505.6	505.6	505.4	505.4	505.2	505.1	504.9
177.5°	509.1	508.7	508.1	507.8	507.4	507.2	507.2	507.1	507.2	507.2	507.0
180°	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9



TEST NUMBER: P1444638  
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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°	71.1	89.4	92.1	90.9	84.8	82.7	77.0	75.8	70.8	69.5	64.7
92.5°	88.0	93.0	98.0	93.6	89.2	84.7	80.3	75.7	71.4	66.8	62.5
95°	109.7	116.6	123.8	117.9	111.8	105.8	99.9	94.0	88.1	82.1	76.2
97.5°	123.3	131.3	139.8	133.9	127.9	121.8	115.9	109.9	104.0	97.9	91.9
100°	210.7	229.6	249.0	232.2	215.1	198.3	181.5	164.4	147.6	130.8	113.7
102.5°	470.9	517.9	565.0	522.3	479.5	436.8	394.3	351.7	309.1	266.2	223.7
105°	845.3	916.5	988.0	922.5	857.4	792.4	727.3	662.2	597.0	531.8	466.9
107.5°	1138.0	1204.2	1271.1	1212.0	1153.1	1094.4	1035.1	976.3	917.3	858.3	799.6
110°	1283.8	1335.6	1388.7	1348.8	1309.2	1269.3	1229.7	1189.8	1150.2	1110.9	1071.4



TEST NUMBER: P1444638  
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**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	1284.6	1321.6	1360.1	1336.3	1313.1	1289.5	1266.3	1242.8	1219.7	1196.1	1173.3
115°	1177.1	1197.9	1220.7	1210.9	1201.4	1191.8	1182.2	1172.9	1163.3	1153.9	1144.7
117.5°	1042.5	1051.2	1062.0	1059.7	1057.6	1055.2	1053.2	1050.8	1049.1	1047.0	1045.1
120°	901.8	901.8	904.2	904.5	905.3	905.7	906.3	906.8	907.6	908.3	909.3
122.5°	783.9	778.4	775.3	775.7	776.1	776.2	776.8	777.1	777.7	778.2	778.8
125°	700.5	692.3	687.2	684.7	682.5	680.0	677.7	675.2	673.3	671.0	668.9
127.5°	641.0	632.1	626.5	622.1	617.7	612.9	608.5	603.9	599.7	595.0	590.9
130°	600.5	591.6	586.5	580.9	575.8	570.0	564.8	559.3	553.7	548.3	543.0
132.5°	572.4	563.7	558.8	553.6	548.6	543.1	538.1	532.5	527.3	521.8	516.8
135°	555.5	547.2	543.2	538.2	533.8	528.8	523.9	518.9	514.2	509.1	504.6
137.5°	541.1	532.9	529.4	525.4	521.6	517.6	513.8	509.6	505.7	501.3	497.5
140°	529.5	521.0	517.3	514.9	512.7	509.9	507.4	504.8	502.4	499.9	497.2
142.5°	521.3	512.8	509.6	507.8	506.5	504.5	503.3	501.5	499.8	497.5	496.0
145°	512.8	503.5	500.1	499.3	499.2	498.5	498.0	497.4	496.9	496.1	495.6
147.5°	507.9	498.4	494.9	495.0	494.9	494.5	494.8	494.3	494.5	494.2	494.1
150°	502.0	491.3	487.2	487.6	487.8	488.2	488.5	488.7	489.3	489.5	489.8
152.5°	497.5	484.7	480.0	480.4	481.1	481.3	481.8	482.5	483.2	483.8	484.3
155°	494.3	480.3	475.3	475.1	475.3	475.5	475.7	476.1	476.5	476.8	477.4
157.5°	493.6	478.9	474.0	473.6	473.6	473.6	473.6	473.7	473.9	474.0	474.6
160°	494.3	479.5	474.6	474.1	474.1	473.9	473.8	473.7	473.9	474.0	474.4
162.5°	494.9	480.5	475.9	475.3	475.0	474.7	474.7	474.3	474.5	474.4	474.8
165°	496.1	483.3	479.1	478.8	478.8	478.5	478.6	478.6	478.8	478.9	479.3
167.5°	500.7	489.4	486.0	485.4	484.9	484.4	484.4	483.6	483.6	483.2	483.2
170°	502.0	493.1	490.2	490.0	490.2	490.0	489.8	489.7	489.7	489.6	489.8
172.5°	503.4	496.8	494.6	494.8	495.2	495.3	495.7	496.0	496.3	496.6	497.0
175°	504.7	500.8	499.8	499.7	499.9	500.1	500.3	500.4	500.6	500.8	501.3
177.5°	507.0	505.8	505.2	505.2	505.2	505.2	505.2	505.2	505.2	505.4	505.4
180°	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9



TEST NUMBER: P1444638  
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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	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°	64.2	60.7	61.3	57.4	59.2	54.9	58.2	54.2	58.3	53.3	61.3
92.5°	58.0	55.7	53.1	50.9	48.3	46.1	43.5	41.2	38.7	36.3	38.7
95°	70.3	68.1	65.9	63.5	61.3	59.0	56.9	54.6	52.5	50.2	52.9
97.5°	86.0	84.8	83.5	82.2	80.9	79.6	78.3	77.0	75.5	74.3	76.1
100°	97.0	97.0	97.0	97.0	96.6	96.6	96.6	96.6	96.6	96.6	98.0
102.5°	180.9	176.7	172.5	168.0	163.7	159.5	155.3	151.0	146.8	142.5	148.8
105°	401.8	385.2	368.3	351.7	334.8	318.2	301.5	284.9	268.2	251.6	268.8
107.5°	740.9	710.4	679.8	649.6	619.0	588.7	558.3	528.1	497.7	467.4	494.6
110°	1031.8	999.4	967.1	934.8	902.5	870.1	838.0	805.8	773.6	741.4	767.4



TEST NUMBER: P1444638  
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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	1150.1	1128.8	1107.9	1087.1	1066.2	1045.4	1024.6	1004.0	983.3	962.5	975.1
115°	1135.4	1125.4	1115.2	1105.3	1095.2	1085.0	1075.1	1065.4	1055.6	1045.7	1046.5
117.5°	1043.3	1039.6	1036.1	1032.6	1029.0	1025.7	1022.4	1019.2	1015.9	1012.9	1005.9
120°	910.4	911.0	911.5	912.3	913.3	914.5	915.2	916.5	917.7	919.0	909.6
122.5°	779.6	781.5	783.6	785.7	788.0	790.4	792.8	795.5	798.4	801.1	791.7
125°	666.7	668.5	670.4	672.5	674.2	676.9	679.2	682.0	684.7	687.6	679.6
127.5°	586.7	586.8	586.8	587.4	587.8	588.7	589.6	590.7	592.0	593.5	588.5
130°	537.6	536.0	534.4	533.1	531.6	530.8	530.0	529.4	528.9	528.7	526.6
132.5°	511.4	508.5	505.8	503.2	500.8	498.8	496.5	495.1	493.4	492.1	491.5
135°	499.4	495.9	492.4	489.0	485.7	483.1	480.2	478.0	475.6	473.6	474.2
137.5°	493.5	490.1	486.4	483.2	479.8	477.3	474.3	471.9	469.7	467.7	468.7
140°	494.6	491.0	487.6	484.4	481.5	478.7	475.9	473.7	471.2	469.4	470.0
142.5°	494.0	491.2	487.8	485.1	482.1	479.7	477.3	475.3	472.9	471.4	472.2
145°	494.8	492.6	490.2	488.0	485.9	484.2	482.0	480.6	479.2	478.3	478.7
147.5°	493.8	492.3	490.3	488.8	486.9	485.8	484.4	483.4	482.3	481.6	481.8
150°	490.0	489.0	487.8	486.8	485.7	485.0	484.1	483.5	482.8	482.4	482.4
152.5°	484.9	484.1	483.0	482.2	481.3	480.7	480.0	479.6	479.2	478.8	478.7
155°	477.8	477.4	477.0	476.8	476.4	476.6	476.2	476.5	476.3	476.4	476.6
157.5°	474.8	474.9	474.7	475.1	475.1	475.4	475.4	475.9	475.9	476.5	476.9
160°	475.0	475.0	474.8	475.0	475.0	475.0	475.2	475.4	475.6	475.8	476.3
162.5°	475.0	475.6	475.8	476.2	476.7	477.1	477.7	478.4	478.8	479.5	480.0
165°	479.6	479.6	479.6	479.6	479.9	480.2	480.4	481.0	481.1	481.7	482.5
167.5°	483.0	483.4	483.4	483.8	484.2	484.7	485.0	485.8	486.3	487.3	487.9
170°	489.6	489.6	489.6	489.6	489.6	490.0	490.2	490.3	490.5	491.0	491.4
172.5°	497.2	497.2	496.8	497.2	496.8	497.2	497.2	497.4	497.4	497.5	497.7
175°	501.2	501.6	501.8	502.2	502.2	502.3	502.5	502.7	502.9	503.3	503.3
177.5°	505.4	505.6	505.6	505.6	505.6	505.8	505.8	505.8	505.8	505.6	505.8
180°	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9



TEST NUMBER: P1444638  
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**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°	59.6	66.4	65.0	71.1	70.5	77.6	77.6	84.4	83.4	89.9	90.1
92.5°	41.2	43.5	46.0	48.3	50.8	53.1	55.6	58.0	63.2	68.0	73.5
95°	55.7	58.5	61.3	64.0	66.8	69.6	72.4	75.1	82.7	90.3	97.8
97.5°	78.2	79.8	81.6	83.5	85.4	87.1	89.0	90.9	99.2	107.4	115.5
100°	99.5	101.0	102.5	104.0	105.5	107.0	108.4	109.9	126.0	141.7	157.5
102.5°	155.1	161.4	167.7	174.0	180.4	186.7	193.0	199.3	235.6	271.6	307.6
105°	285.9	303.1	320.5	337.8	355.0	372.2	389.6	406.8	464.6	522.4	580.4
107.5°	521.8	548.9	576.1	603.5	630.7	658.0	685.2	712.6	768.9	825.6	882.0
110°	793.2	819.3	845.2	871.3	897.1	923.2	949.3	975.6	1009.6	1043.4	1077.5



TEST NUMBER: P1444638  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL30

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	987.8	1000.4	1013.1	1025.9	1038.7	1051.6	1064.4	1077.4	1094.5	1111.5	1128.7
115°	1047.3	1048.1	1049.2	1050.2	1051.2	1052.2	1053.6	1054.8	1060.6	1066.2	1071.8
117.5°	999.1	992.2	985.6	978.7	972.2	965.8	959.4	953.1	952.3	951.6	951.2
120°	900.7	891.5	882.4	873.1	864.5	855.6	847.1	838.6	834.5	830.5	826.7
122.5°	782.7	773.6	764.7	755.8	747.1	738.6	730.2	722.0	719.4	716.8	714.5
125°	672.1	664.7	657.3	650.1	643.3	636.4	629.7	623.2	623.7	624.0	625.0
127.5°	584.1	579.6	575.3	571.4	567.7	563.7	560.3	556.6	559.5	562.4	565.3
130°	524.7	523.2	521.8	520.2	519.4	518.3	517.4	516.5	521.1	525.2	529.8
132.5°	491.7	491.7	492.1	492.5	493.3	494.0	495.2	495.9	500.9	505.7	510.7
135°	475.0	476.0	477.5	478.7	480.5	482.1	484.2	485.8	490.8	495.3	500.3
137.5°	470.0	471.4	473.1	474.6	476.9	478.9	481.2	483.3	487.2	491.0	495.0
140°	471.4	472.2	473.9	475.4	477.1	478.8	481.0	482.7	486.2	489.2	492.3
142.5°	473.5	474.1	475.6	477.2	478.9	480.2	482.1	483.7	486.2	488.5	491.4
145°	479.6	480.3	481.7	482.5	483.9	485.1	486.6	488.0	489.9	491.3	493.2
147.5°	482.5	483.1	484.0	485.0	486.0	487.0	487.9	488.9	490.4	491.5	492.8
150°	482.9	483.3	483.9	484.3	485.2	485.9	486.9	487.4	488.6	489.5	490.8
152.5°	479.5	479.6	480.1	480.6	481.4	481.9	482.5	483.2	484.4	485.0	486.2
155°	477.2	478.0	478.7	479.3	480.1	480.5	481.5	482.0	483.0	483.7	484.7
157.5°	477.6	478.0	479.0	479.3	480.2	480.8	481.5	482.1	483.0	483.6	484.4
160°	477.3	478.3	479.0	479.8	480.8	481.5	482.5	483.4	484.2	484.8	485.4
162.5°	480.8	481.6	482.3	482.9	483.7	484.4	485.0	485.6	486.8	487.4	488.5
165°	483.4	484.2	485.2	485.7	486.9	487.8	488.6	489.6	490.1	490.8	491.3
167.5°	488.8	489.4	490.5	491.1	492.1	492.9	493.8	494.6	495.3	495.7	496.4
170°	492.2	492.9	493.7	494.4	495.1	495.7	496.6	497.2	498.1	498.7	499.7
172.5°	498.3	498.9	499.5	499.8	500.4	501.1	501.6	502.0	502.8	503.3	503.9
175°	503.3	503.3	503.5	503.7	503.9	503.9	504.1	504.5	504.7	504.8	505.0
177.5°	506.0	506.2	506.4	506.5	506.7	506.9	507.1	507.2	507.2	507.2	507.2
180°	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9



TEST NUMBER: P1444638  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL30

**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°	98.6	99.5	108.4	109.9	120.7	123.3	129.3	126.0	131.5	128.6	134.3
92.5°	78.3	83.9	89.1	94.2	99.4	104.7	99.8	95.0	90.2	85.5	80.5
95°	105.4	113.1	120.6	128.2	135.8	143.3	135.2	127.2	119.2	111.0	102.8
97.5°	123.7	131.7	139.9	148.0	156.4	164.5	154.9	145.3	135.7	126.2	116.7
100°	173.2	189.1	204.8	220.5	236.4	252.2	234.4	216.5	198.7	180.7	162.9
102.5°	344.1	380.1	416.3	452.5	488.6	524.8	486.9	449.2	411.2	373.3	335.2
105°	638.3	696.2	754.1	812.0	869.8	928.1	866.5	804.9	743.4	682.0	620.2
107.5°	938.6	995.0	1051.8	1108.1	1164.8	1221.6	1159.3	1096.8	1034.5	972.1	909.6
110°	1111.7	1145.7	1179.9	1214.2	1248.2	1282.6	1237.1	1191.8	1146.3	1100.7	1055.4



TEST NUMBER: P1444638  
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**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	1145.9	1163.5	1180.6	1198.1	1215.4	1232.8	1200.3	1168.2	1135.7	1103.5	1070.9
115°	1077.8	1083.5	1089.4	1095.2	1101.0	1106.9	1085.3	1063.6	1042.1	1020.5	998.4
117.5°	950.7	950.6	949.8	949.9	949.1	948.8	936.9	925.1	913.0	901.0	889.1
120°	822.6	818.7	814.8	811.0	806.9	802.9	798.3	793.6	788.7	783.9	778.8
122.5°	711.9	709.7	707.0	704.7	701.9	699.4	697.9	696.6	695.0	693.5	691.6
125°	625.5	626.1	626.7	627.5	627.8	628.4	627.8	627.5	626.9	626.5	625.9
127.5°	567.9	570.9	573.5	576.2	578.8	581.5	581.7	582.2	582.5	582.8	583.0
130°	533.9	538.6	542.7	546.7	550.7	555.1	554.9	555.2	555.2	555.2	555.1
132.5°	515.5	520.3	525.0	530.0	534.5	539.1	538.9	539.1	538.6	538.8	538.6
135°	504.7	509.4	513.6	518.4	522.6	527.0	526.6	526.4	525.9	525.9	525.5
137.5°	498.5	502.5	506.2	509.9	513.1	516.9	516.4	516.2	515.6	515.6	515.1
140°	495.4	498.4	501.2	504.3	507.2	510.1	509.3	508.8	508.1	507.5	506.7
142.5°	493.7	496.1	498.2	500.8	502.8	505.2	503.7	502.6	501.6	500.4	499.2
145°	494.9	496.6	498.2	499.9	501.0	502.8	501.3	499.9	498.1	496.7	495.2
147.5°	493.9	495.2	496.0	497.2	497.8	499.1	497.4	496.0	494.5	492.8	491.1
150°	491.5	492.8	493.5	494.5	495.3	496.3	494.5	492.9	491.0	489.4	487.7
152.5°	487.1	488.0	488.8	489.5	490.3	491.0	489.2	487.9	486.0	484.2	482.6
155°	485.0	485.9	486.3	487.1	487.3	487.8	486.1	485.0	483.6	482.1	480.4
157.5°	484.9	485.6	486.2	486.5	486.9	487.5	486.4	485.5	484.2	483.2	481.9
160°	486.0	486.6	487.1	487.5	488.1	488.3	487.4	486.8	485.8	484.8	483.7
162.5°	489.1	490.0	490.5	491.0	491.8	492.4	491.3	490.4	489.3	488.2	486.8
165°	491.9	492.5	493.1	493.6	493.8	494.4	493.7	493.1	492.2	491.5	490.6
167.5°	496.8	497.5	497.9	498.5	498.7	499.0	498.3	497.9	497.0	496.2	495.4
170°	500.0	500.5	501.3	501.8	502.2	502.6	502.1	501.6	500.9	500.4	499.6
172.5°	504.5	505.0	505.2	505.8	506.0	506.5	505.9	505.2	504.6	503.9	503.1
175°	505.0	505.2	505.6	505.6	505.6	505.8	505.2	504.7	504.1	503.5	503.0
177.5°	507.2	507.2	507.2	507.1	507.1	507.1	506.7	506.3	506.0	505.6	505.0
180°	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9



TEST NUMBER: P1444638  
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**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°	131.3	137.6	134.5	141.1	140.0	147.4	147.6	155.1	154.2	160.6	158.4
92.5°	75.7	70.9	66.2	61.3	58.9	56.1	54.4	51.3	49.3	46.5	44.1
95°	94.7	86.6	78.5	70.3	67.6	64.6	61.8	59.0	56.3	53.5	50.7
97.5°	107.1	97.4	87.8	78.2	75.7	73.4	70.7	68.4	65.9	63.6	61.1
100°	144.9	126.9	109.2	91.1	89.0	87.0	85.0	82.9	80.9	78.7	76.6
102.5°	297.2	259.2	221.1	183.0	175.8	168.6	161.4	153.9	146.8	139.5	132.3
105°	558.6	496.9	435.2	373.5	353.8	334.3	314.6	295.0	275.3	255.8	236.1
107.5°	847.1	784.3	721.9	659.2	623.2	586.9	550.7	514.2	478.2	441.7	405.5
110°	1009.9	964.2	918.5	872.7	843.9	814.6	785.4	756.2	727.2	697.7	668.5



TEST NUMBER: P1444638  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL30

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1038.4	1005.9	973.2	940.3	927.4	914.1	901.1	887.9	874.7	861.3	848.1
115°	976.6	954.9	932.9	910.7	906.3	901.7	897.3	892.5	888.1	883.3	878.5
117.5°	877.1	864.9	852.6	840.4	841.4	842.3	843.4	844.1	844.9	845.3	846.1
120°	773.9	768.9	764.1	758.9	763.4	767.5	771.9	775.7	779.8	783.5	787.4
122.5°	690.1	688.3	686.8	684.7	690.1	695.3	700.4	705.4	710.2	714.6	719.2
125°	625.5	624.8	624.2	623.4	628.9	634.1	639.2	644.0	649.1	653.5	658.1
127.5°	583.4	583.6	583.9	584.0	588.2	591.7	595.7	599.0	602.7	605.7	608.8
130°	555.2	555.0	555.2	555.1	558.7	562.3	566.0	568.9	572.3	574.8	577.6
132.5°	538.6	538.3	538.3	537.9	540.9	543.5	546.3	548.3	550.7	552.3	554.2
135°	525.3	524.8	524.6	524.0	526.8	529.4	531.8	533.9	536.2	537.7	539.4
137.5°	514.9	514.3	514.0	513.4	516.0	518.3	520.5	522.4	524.2	525.9	527.3
140°	506.3	505.4	505.1	504.1	506.4	508.3	510.5	512.1	513.9	515.0	516.4
142.5°	498.0	496.5	495.9	494.3	496.1	497.5	499.0	500.3	501.6	502.4	503.2
145°	493.6	491.8	490.5	488.9	490.3	491.2	492.6	493.8	494.5	495.1	495.9
147.5°	489.9	488.0	486.3	484.7	486.0	486.7	487.4	488.0	489.0	489.4	489.7
150°	485.9	483.9	482.0	480.1	480.9	481.5	482.0	482.8	483.3	483.6	483.9
152.5°	480.7	478.9	477.1	475.0	475.5	475.9	476.2	476.5	476.9	477.1	477.2
155°	479.0	477.3	475.6	473.8	474.3	474.5	474.6	474.8	474.8	474.8	474.8
157.5°	480.6	479.0	478.0	476.4	476.4	476.4	476.4	475.8	475.7	475.4	475.0
160°	482.8	481.4	480.3	479.1	479.0	478.8	478.8	478.2	477.9	477.4	477.0
162.5°	485.5	484.3	482.8	481.3	481.2	481.2	481.0	480.4	480.1	479.6	479.3
165°	489.9	488.8	487.8	486.6	486.4	486.0	485.8	485.0	484.8	484.0	483.4
167.5°	494.4	493.5	492.3	491.0	491.0	491.0	490.9	490.5	490.3	489.7	489.6
170°	498.9	497.9	497.2	496.2	496.0	495.8	495.4	495.0	494.4	494.1	493.5
172.5°	502.2	501.5	500.6	499.5	499.5	499.3	498.9	498.7	498.1	497.7	497.6
175°	502.2	501.6	500.8	500.2	500.0	499.8	499.7	499.5	499.1	498.9	498.5
177.5°	504.6	504.3	503.6	503.2	503.0	503.0	502.8	502.6	502.6	502.4	502.2
180°	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9	504.9



TEST NUMBER: P1444638  
CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL30

**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°	164.3	161.2
92.5°	42.0	40.0
95°	47.9	45.2
97.5°	58.7	56.3
100°	74.7	72.6
102.5°	125.0	117.9
105°	216.6	196.9
107.5°	369.2	333.0
110°	639.3	610.1



TEST NUMBER: P1444638  
CATALOG NUMBER: EHBR1-60-UNV-TA-L850-UPL30

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	834.6	821.3
115°	873.2	868.4
117.5°	846.4	846.8
120°	790.6	794.4
122.5°	723.3	727.6
125°	662.2	666.4
127.5°	611.5	614.0
130°	579.5	581.9
132.5°	555.5	556.6
135°	540.3	541.3
137.5°	528.0	528.9
140°	516.9	517.6
142.5°	503.8	504.2
145°	496.1	496.3
147.5°	489.3	489.5
150°	483.7	483.7
152.5°	476.8	476.8
155°	474.4	474.2
157.5°	474.2	473.9
160°	476.3	475.9
162.5°	478.6	478.2
165°	482.5	481.7
167.5°	488.8	488.6
170°	492.9	492.5
172.5°	497.0	496.6
175°	498.3	498.1
177.5°	502.2	501.8
180°	504.9	504.9

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



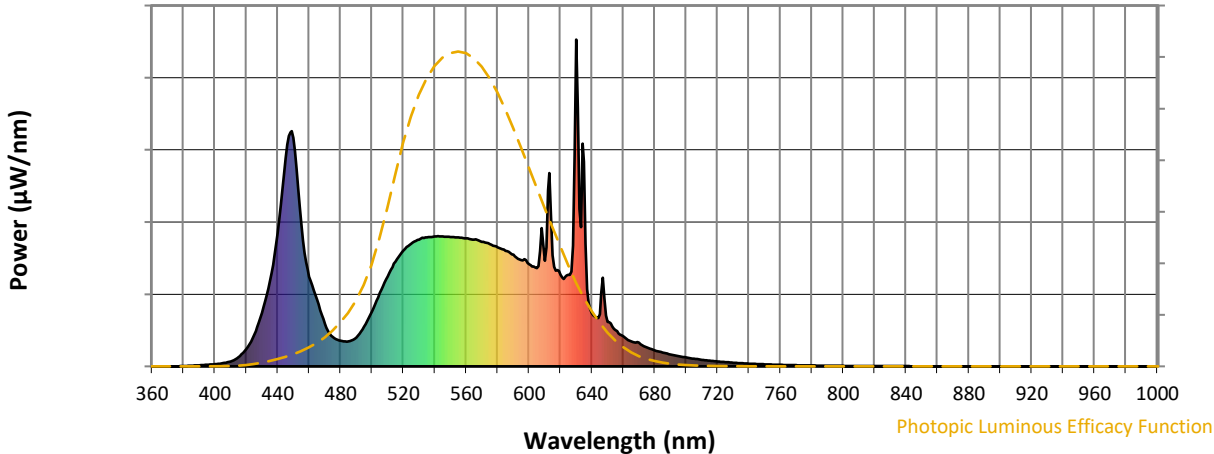
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-4

**Photopic Flux vs. Wavelength**



**Photopic Lumens: NR**

$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /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**

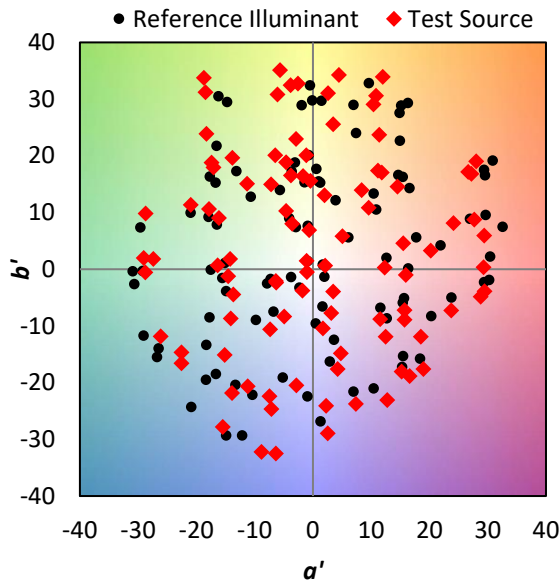
$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	89	NR	620	280	NR	750	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**

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

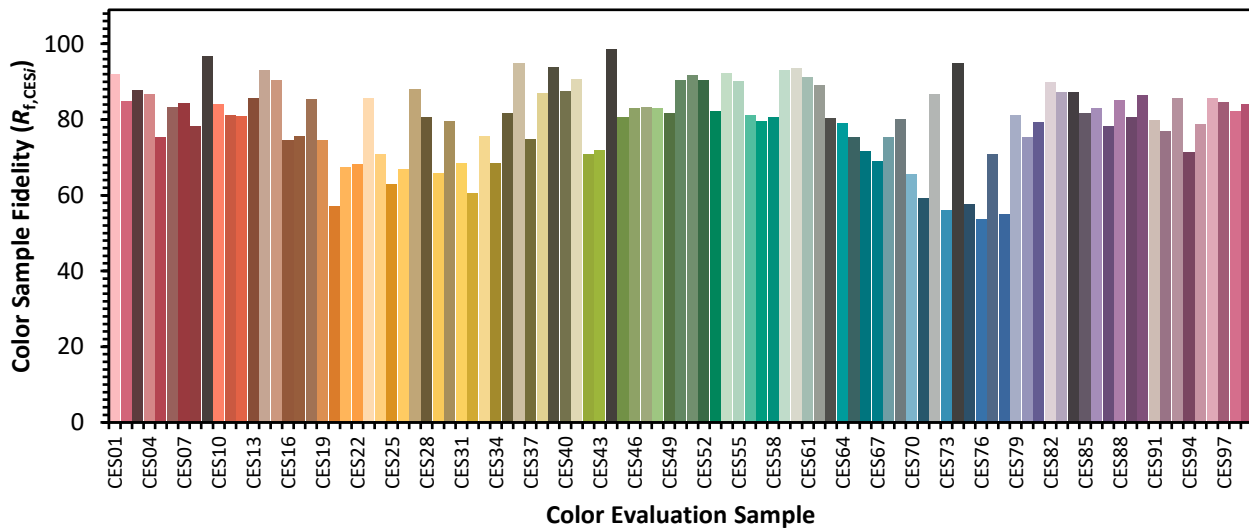


**Color Vector Graphics**

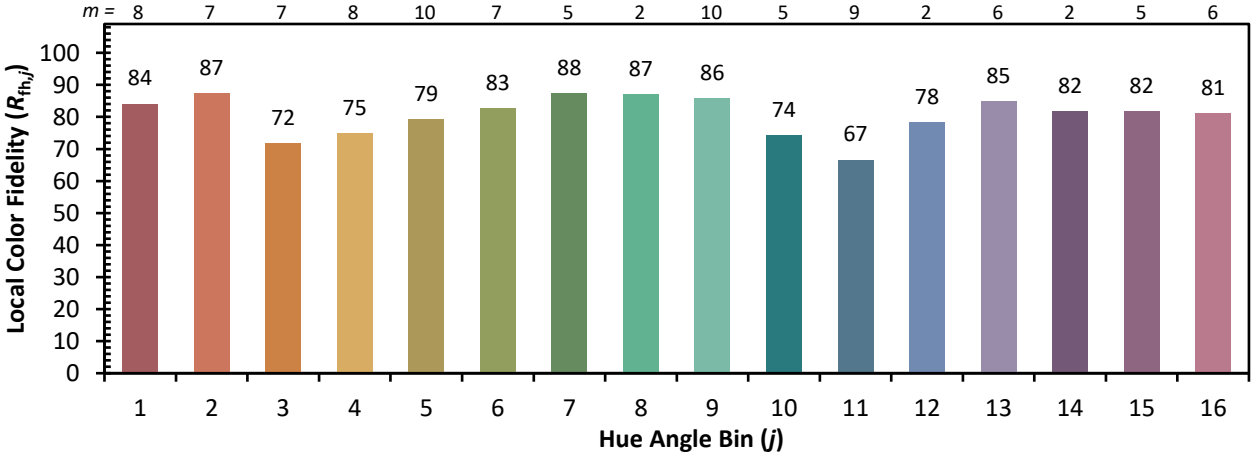


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

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)