

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: P1444616

Luminaire Tested: EHBR1-42-UNV-TA-L850-UPL40

Issue Date: 5/1/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1444616  
REPORT IS A COMBINATION OF REPORTS P1444359 AND P1431635  
Test Lab: INNOVATION CENTER  
Issue Date: 5/1/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: EHBR1-42-UNV-TA-L850-UPL40  
Description: Elevate Round Highbay at, 42000 lumens, 5000K 80CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

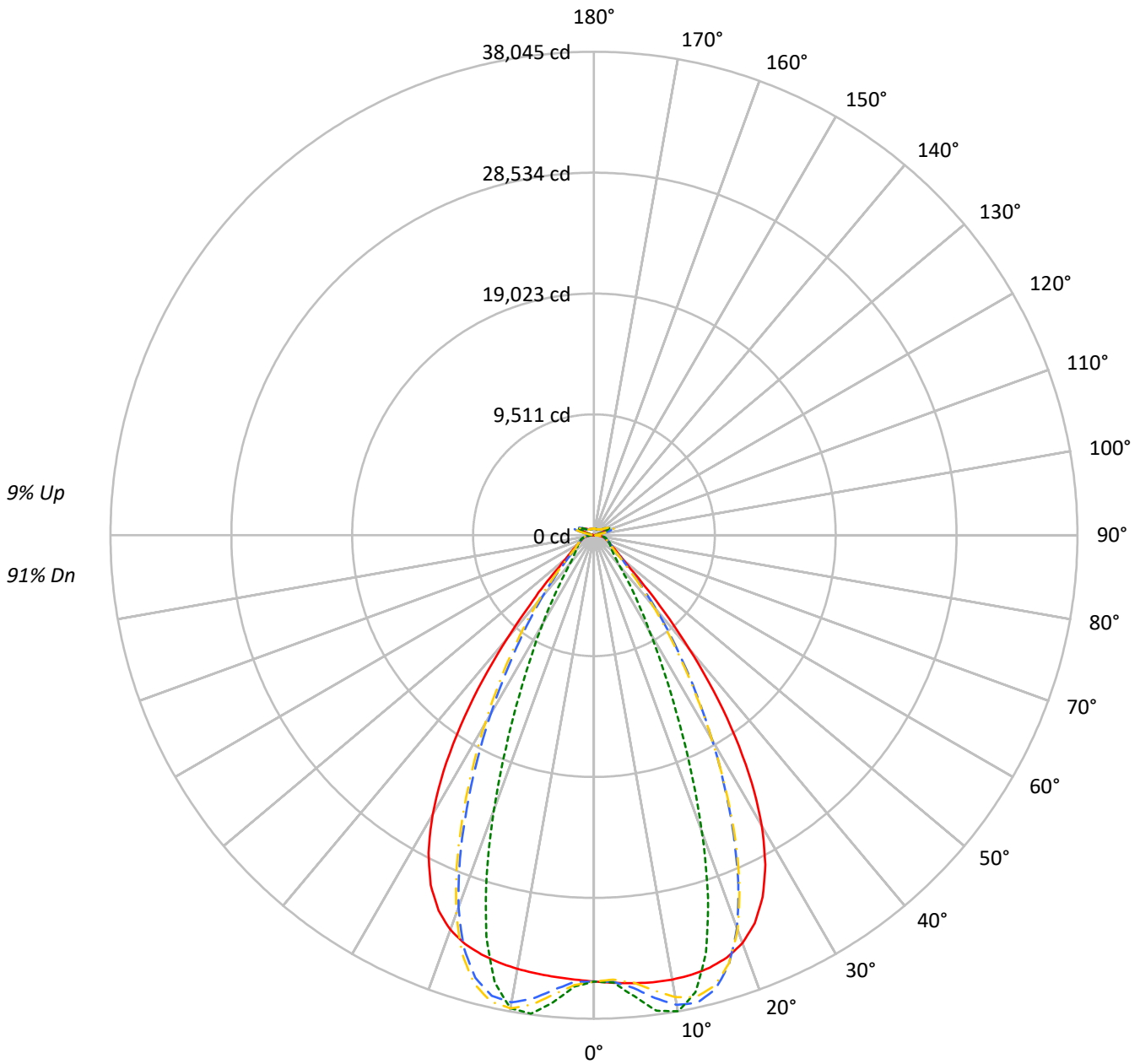
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 44468.7 lumens  
Efficiency: N/A  
Efficacy: 174.4 lumens/watt  
Spacing Criteria (0/90/45): 1.13 / 0.77 / 0.88  
Luminous Opening: Vertical Cylinder (Dia: 1.71' x H: 0.1')  
CIE Type: Direct

Input Watts (W): 255  
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: P1444616  
CATALOG NUMBER: EHBR1-42-UNV-TA-L850-UPL40

### Luminous Intensity Polar Plot



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



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

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	117	117	117	117	113	113	113	113	106	106	106	100	100	100	94	94	94	94	94	94	91
1	110	106	103	100	106	103	100	98	97	95	93	92	90	89	87	86	85	85	85	85	82
2	103	97	92	88	100	94	90	86	90	86	83	85	82	80	81	79	77	77	77	77	74
3	97	89	83	78	94	87	81	77	83	78	75	79	75	72	76	73	70	70	70	70	68
4	91	82	75	70	88	80	74	70	77	72	68	73	69	66	71	67	64	64	64	64	62
5	85	76	69	64	83	74	68	63	71	66	62	69	64	61	66	62	59	59	59	59	57
6	80	70	64	59	78	69	63	58	67	61	57	64	59	56	62	58	55	55	55	55	53
7	76	66	59	54	74	64	58	54	62	57	53	60	55	52	58	54	51	51	51	51	49
8	72	61	55	50	70	60	54	50	58	53	49	57	52	48	55	51	47	47	47	47	46
9	68	57	51	47	66	57	50	46	55	49	46	53	48	45	52	47	44	44	44	44	43
10	65	54	48	43	63	53	47	43	52	46	43	50	46	42	49	45	42	42	42	42	40

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	164919	164919	164919	164919
5°	165717	170550	163399	172784
10°	167101	179064	163094	177880
15°	167921	162321	162809	155785
20°	166185	120923	160746	111882
25°	157301	76477	152102	69389
30°	137413	45957	132091	42000
35°	105754	28838	99672	25545
40°	66899	18089	61207	16998
45°	34481	14093	33909	13861
50°	20216	12535	19596	12339
55°	15487	11860	14914	11752
60°	13105	12115	12547	11958
65°	12308	12652	11837	12220
70°	12026	13248	11426	12748
75°	12858	14048	12163	13428
80°	13306	15557	12065	14202
85°	12528	15010	10125	12851

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 25°  
 Vertical Angle: 45°  
 Luminance: 52769 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	3461.0	7.8
10°-20°	9736.1	21.9
20°-30°	11088.7	24.9
30°-40°	7970.1	17.9
40°-50°	3675.8	8.3
50°-60°	1759.0	4.0
60°-70°	1283.5	2.9
70°-80°	975.1	2.2
80°-90°	450.2	1.0
90°-100°	114.6	0.3
100°-110°	674.6	1.5
110°-120°	1246.5	2.8
120°-130°	758.6	1.7
130°-140°	482.4	1.1
140°-150°	353.6	0.8
150°-160°	243.7	0.5
160°-170°	145.7	0.3
170°-180°	49.6	0.1
0°-30°	24285.8	54.6
0°-40°	32255.9	72.5
0°-60°	37690.7	84.8
0°-90°	40399.5	90.8
90°-120°	2035.7	4.6
90°-150°	3630.3	8.2
90°-180°	4069.0	9.2
0°-180°	44468.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	35118	35118	35118	35118	35118	
5°	35383	36415	34888	36892	35383	3381
15°	35229	34054	34156	32683	35229	9926
25°	31413	15272	30375	13857	31413	14240
35°	19410	5293	18293	4688	19410	11912
45°	5579	2280	5486	2243	5579	4745
55°	2093	1603	2016	1588	2093	1932
65°	1285	1321	1236	1276	1285	1283
75°	906	990	857	946	906	942
85°	431	516	348	442	431	405
90°	125	156	42	50	125	77
95°	53	59	53	59	53	50
105°	242	313	161	313	242	321
115°	1086	1320	1137	1320	1086	1002
125°	811	856	918	857	811	739
135°	630	564	679	567	630	492
145°	554	542	590	547	554	350
155°	513	516	547	521	513	239
165°	506	507	526	510	506	144
175°	516	521	526	522	516	49
180°	522	522	522	522	522	



TEST NUMBER: P1444616  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4
2.5°	35252.6	35249.8	35249.2	35246.7	35246.0	35246.0	35244.8	35242.0	35240.2	35236.2	35231.6
5°	35383.3	35381.8	35382.8	35382.9	35380.5	35375.0	35366.4	35355.9	35342.7	35330.1	35318.9
7.5°	35484.5	35487.0	35490.1	35489.4	35481.8	35468.9	35451.3	35441.4	35447.3	35466.4	35510.2
10°	35503.0	35518.1	35523.9	35522.1	35506.7	35495.7	35500.0	35537.2	35611.2	35710.0	35845.1
12.5°	35431.0	35449.4	35448.9	35442.7	35427.8	35443.0	35496.9	35607.6	35766.4	35961.2	36189.8
15°	35228.9	35252.8	35246.0	35238.2	35228.2	35277.8	35385.4	35577.8	35823.0	36097.8	36379.1
17.5°	34836.5	34865.4	34851.3	34842.3	34834.0	34926.9	35111.8	35393.6	35702.4	36013.2	36279.8
20°	34155.8	34175.1	34141.7	34125.9	34139.3	34321.3	34593.7	34953.5	35279.0	35572.9	35755.1
22.5°	33044.9	33069.0	33006.1	32998.9	33076.4	33356.1	33700.8	34102.9	34408.8	34641.7	34712.0
25°	31412.8	31436.4	31361.8	31406.4	31538.4	31919.3	32329.8	32760.0	33021.0	33193.5	33145.9
27.5°	29209.8	29231.4	29160.6	29251.8	29460.4	29961.0	30444.1	30910.6	31143.2	31264.2	31111.0
30°	26431.4	26476.3	26392.6	26519.8	26838.3	27488.2	28041.7	28565.0	28796.9	28888.9	28650.4
32.5°	23131.6	23195.4	23103.2	23292.4	23736.8	24517.4	25146.2	25730.9	25987.4	26092.4	25823.1
35°	19409.7	19501.4	19395.5	19679.6	20227.6	21096.9	21793.2	22445.9	22749.7	22898.6	22627.2
37.5°	15466.6	15553.9	15496.6	15875.5	16477.3	17378.4	18089.1	18793.3	19136.4	19359.8	19145.9
40°	11595.3	11675.3	11718.6	12151.9	12717.9	13567.1	14249.8	14946.5	15330.3	15610.8	15478.8
42.5°	8184.0	8264.6	8411.9	8830.0	9302.0	10005.0	10589.7	11215.3	11581.9	11881.1	11830.3
45°	5578.9	5672.5	5857.0	6199.4	6540.7	7045.0	7474.5	7961.0	8260.4	8534.5	8537.8
47.5°	3909.4	3975.1	4140.0	4373.8	4596.4	5227.7	5253.6	5492.7	5694.1	5898.9	5925.5
50°	3012.9	3052.4	3140.0	3270.2	3396.3	3560.2	3710.3	3883.5	4007.4	4119.8	4146.6
52.5°	2476.4	2501.6	2546.1	2616.6	2689.8	2778.9	2859.2	2954.3	3021.8	3081.9	3094.5
55°	2092.9	2113.8	2180.1	2193.4	2277.1	2293.3	2329.0	2386.8	2426.0	2462.1	2471.1
57.5°	1803.7	1818.8	1832.8	1862.9	1888.6	1926.1	1956.3	1997.9	2022.6	2048.6	2050.8
60°	1575.4	1586.3	1596.3	1617.1	1634.7	1660.7	1681.6	1709.9	1727.5	1747.1	1749.2
62.5°	1405.5	1413.3	1420.0	1433.7	1446.3	1466.3	1482.8	1506.4	1522.9	1538.1	1541.4
65°	1284.7	1290.4	1294.7	1305.2	1316.2	1333.1	1348.1	1367.4	1379.5	1391.1	1393.6
67.5°	1177.8	1183.3	1187.7	1197.1	1204.7	1217.4	1227.5	1241.9	1251.0	1260.3	1260.6
70°	1055.2	1060.3	1063.6	1072.5	1078.5	1089.5	1097.6	1110.6	1120.0	1130.2	1132.9
72.5°	970.3	973.2	977.9	985.9	994.4	1006.0	1016.9	1030.4	1041.7	1052.4	1056.9
75°	905.8	909.3	912.2	919.1	925.0	934.9	943.0	955.4	965.2	976.7	982.3
77.5°	812.5	816.6	819.2	826.1	831.2	840.6	846.6	857.7	865.8	876.2	881.3
80°	700.0	703.7	705.6	712.1	716.1	724.8	730.7	741.3	748.1	758.5	764.6
82.5°	575.1	578.8	579.8	585.9	588.2	595.4	599.6	610.6	618.8	632.4	641.8
85°	430.6	432.0	434.1	432.5	441.2	441.7	451.7	453.4	466.5	469.8	484.7
87.5°	263.3	267.2	269.1	275.1	277.8	283.8	285.5	291.9	295.5	302.7	306.1
90°	124.9	131.9	134.9	142.9	145.7	152.9	155.3	163.4	166.3	174.6	179.1
92.5°	46.1	49.1	52.0	55.5	58.5	62.4	65.8	69.3	72.4	76.1	82.3
95°	52.6	56.1	59.6	63.2	66.7	70.1	73.7	77.2	80.7	84.3	94.5
97.5°	66.0	69.1	72.1	75.1	78.2	81.3	84.4	87.4	90.5	93.4	105.7
100°	85.9	88.5	91.2	93.7	96.3	98.9	101.5	104.0	106.7	109.2	131.9
102.5°	142.5	151.7	160.9	170.0	179.2	188.2	197.5	206.5	215.7	224.8	273.1
105°	241.5	266.4	291.4	316.2	341.1	366.1	391.0	415.6	440.6	465.4	544.0
107.5°	412.9	458.9	505.0	551.2	597.2	643.2	689.3	735.2	781.2	827.0	906.7
110°	762.9	799.9	837.0	874.0	911.1	948.2	985.2	1022.1	1059.2	1096.0	1154.3



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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°	1028.8	1045.4	1062.3	1079.0	1095.8	1112.4	1129.2	1145.8	1162.7	1179.2	1220.8
115°	1085.6	1091.4	1097.5	1103.2	1109.1	1114.9	1120.8	1126.5	1132.4	1138.0	1166.2
117.5°	1054.3	1053.2	1052.3	1051.2	1050.1	1049.0	1047.9	1046.5	1045.3	1044.2	1060.0
120°	983.3	978.1	973.0	967.7	962.6	957.3	952.2	946.8	941.5	936.0	942.9
122.5°	893.7	887.5	881.6	875.1	869.0	862.5	856.4	849.7	843.6	837.1	839.7
125°	810.8	804.6	798.6	792.2	785.7	779.3	772.9	766.4	759.9	753.3	754.7
127.5°	738.9	734.6	730.3	725.7	721.2	716.4	711.8	706.9	702.3	697.3	697.7
130°	692.7	688.9	684.9	680.7	676.7	672.3	668.0	663.5	659.3	654.7	655.4
132.5°	655.0	652.3	649.6	646.5	643.5	640.1	637.1	633.5	630.4	627.1	627.8
135°	630.0	627.4	625.0	622.1	619.3	616.2	613.1	609.9	606.9	603.5	604.6
137.5°	608.9	606.6	604.2	601.6	599.1	595.9	593.2	590.3	587.4	584.3	585.2
140°	589.6	587.5	585.2	582.9	580.6	578.0	575.2	572.6	569.8	567.0	568.3
142.5°	567.8	566.0	564.5	562.5	560.7	558.4	556.4	553.9	551.8	549.5	551.3
145°	553.7	552.3	551.0	549.3	547.6	545.6	543.9	541.6	539.9	537.9	539.8
147.5°	541.3	540.2	539.2	537.9	536.6	534.9	533.3	531.6	530.0	528.4	530.3
150°	530.5	529.5	528.5	527.4	525.9	524.4	522.9	521.4	519.9	518.3	520.2
152.5°	519.1	518.0	517.1	515.9	514.6	512.9	511.8	510.3	508.8	507.3	508.9
155°	512.6	511.4	510.2	509.2	507.9	506.6	505.1	503.8	502.5	501.0	502.3
157.5°	508.5	507.5	506.7	505.6	504.8	503.7	502.6	501.5	500.4	499.4	500.3
160°	507.0	506.1	505.1	504.1	503.2	501.9	501.2	500.0	499.2	498.1	498.8
162.5°	505.7	504.7	503.8	502.8	501.8	500.8	499.8	499.0	498.0	496.9	497.9
165°	506.3	505.8	505.1	504.5	503.8	503.2	502.5	501.7	501.1	500.3	501.0
167.5°	511.1	510.3	509.6	508.7	507.8	507.1	506.2	505.3	504.6	503.6	504.3
170°	512.8	512.3	511.9	511.5	510.9	510.4	510.0	509.5	508.9	508.4	509.0
172.5°	515.7	515.2	514.9	514.7	514.1	513.9	513.5	513.1	512.8	512.4	513.2
175°	515.9	515.5	515.4	515.1	514.8	514.6	514.4	514.2	514.2	513.8	514.2
177.5°	519.3	519.2	519.2	519.1	519.1	518.9	518.8	518.5	518.4	518.4	518.8
180°	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5



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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4
2.5°	35228.2	35223.9	35218.1	35210.7	35204.3	35196.9	35179.3	35174.1	35179.9	35183.8	35191.9
5°	35311.9	35314.4	35315.3	35331.3	35345.1	35379.6	35649.8	35757.2	35840.2	35892.9	35973.0
7.5°	35564.3	35645.5	35725.8	35833.8	35927.0	36052.9	36525.6	36726.8	36869.8	36972.7	37099.2
10°	35992.0	36169.3	36335.5	36530.2	36697.5	36889.3	37329.3	37525.3	37649.1	37739.1	37823.2
12.5°	36422.8	36668.7	36890.8	37107.5	37288.7	37454.9	37609.7	37678.2	37684.0	37687.0	37642.3
15°	36647.1	36882.2	37078.0	37221.3	37327.8	37374.8	37108.4	36968.6	36792.0	36646.6	36407.2
17.5°	36505.6	36646.6	36731.1	36722.8	36678.8	36531.4	35776.8	35361.7	34949.7	34578.4	34091.4
20°	35876.0	35865.1	35791.7	35583.3	35332.3	34941.8	33648.0	32901.6	32179.9	31546.1	30777.1
22.5°	34704.8	34520.4	34263.5	33814.2	33315.2	32633.0	30778.9	29681.0	28676.3	27788.9	26794.6
25°	33007.7	32628.5	32154.7	31441.5	30665.8	29670.8	27385.7	26020.1	24813.8	23767.6	22620.4
27.5°	30835.8	30264.7	29570.2	28583.0	27532.2	26257.6	23724.2	22217.0	20922.0	19800.4	18579.5
30°	28264.6	27521.8	26625.0	25399.8	24132.1	22686.6	20117.1	18590.5	17279.9	16126.0	14904.1
32.5°	25358.7	24488.8	23438.0	22062.8	20692.0	19205.6	16724.2	15246.5	13994.4	12884.4	11778.4
35°	22153.8	21220.9	20109.1	18706.5	17343.9	15898.9	13621.9	12289.6	11183.9	10202.7	9309.7
37.5°	18715.9	17800.0	16743.2	15421.3	14157.8	12848.3	10883.6	9767.2	8839.3	8024.9	7335.5
40°	15141.6	14340.0	13425.7	12282.8	11204.5	10113.9	8501.2	7615.0	6882.7	6261.6	5745.0
42.5°	11610.9	10989.7	10288.6	9385.5	8560.3	7729.9	6488.6	5832.0	5289.7	4842.6	4477.2
45°	8424.1	8008.6	7538.3	6910.4	6339.5	5760.3	4876.8	4415.4	4062.2	3773.9	3530.1
47.5°	5888.9	5647.8	5633.2	5052.9	4634.2	4280.1	3710.9	3419.5	3203.1	3028.4	2874.0
50°	4135.6	4019.0	3874.1	3667.0	3472.7	3272.6	2925.8	2749.6	2622.9	2517.0	2419.5
52.5°	3091.6	3031.1	2953.9	2844.1	2738.8	2626.2	2406.8	2294.6	2254.7	2156.2	2078.9
55°	2469.3	2434.7	2390.8	2326.2	2262.2	2236.5	2048.4	1965.1	1912.5	1873.6	1832.0
57.5°	2051.2	2025.3	1999.2	1955.5	1918.5	1873.6	1773.7	1731.1	1699.6	1676.7	1648.0
60°	1749.6	1734.1	1719.6	1693.9	1673.9	1649.7	1586.3	1562.2	1545.8	1532.1	1513.7
62.5°	1544.2	1536.3	1528.8	1515.1	1504.9	1491.8	1448.5	1436.9	1428.7	1421.7	1410.6
65°	1396.0	1390.3	1386.1	1377.1	1371.9	1364.3	1327.1	1319.2	1314.2	1311.6	1305.2
67.5°	1261.3	1255.4	1252.6	1246.1	1244.0	1239.1	1208.7	1204.5	1202.7	1203.5	1201.2
70°	1135.3	1132.9	1134.1	1133.2	1136.0	1136.9	1118.4	1118.2	1120.2	1124.1	1124.5
72.5°	1059.9	1059.9	1061.3	1061.9	1064.7	1066.0	1050.5	1049.9	1050.7	1053.6	1053.7
75°	988.0	989.2	993.1	994.4	997.6	998.3	978.0	975.6	975.8	978.4	977.6
77.5°	888.6	892.9	900.3	904.2	910.4	911.6	888.8	886.1	886.2	889.0	886.6
80°	775.7	784.0	795.7	804.0	813.6	817.5	794.1	788.5	783.3	782.5	777.8
82.5°	655.9	665.9	680.0	687.5	697.7	700.1	660.9	653.5	649.1	649.5	645.2
85°	500.7	508.2	521.1	525.3	531.7	531.1	486.4	467.3	472.3	464.4	470.6
87.5°	314.0	318.5	326.5	327.6	330.6	329.9	284.9	276.0	273.5	273.6	270.3
90°	188.6	193.8	203.1	205.4	212.3	213.8	179.7	177.8	172.6	172.4	166.0
92.5°	88.9	95.1	101.6	107.9	114.3	120.7	123.0	128.0	121.8	114.9	108.9
95°	104.9	115.2	125.5	135.9	146.3	156.6	167.0	177.3	167.7	157.9	148.2
97.5°	117.9	130.2	142.1	154.4	166.6	178.9	191.1	203.3	193.0	182.4	172.1
100°	154.8	177.6	200.3	223.2	245.8	268.6	291.4	314.2	294.2	274.1	254.0
102.5°	321.3	369.8	418.2	466.5	514.7	563.2	611.9	660.3	614.2	568.1	522.2
105°	622.3	700.8	779.2	857.3	935.7	1014.2	1093.0	1171.4	1097.9	1024.4	950.8
107.5°	986.2	1065.8	1145.1	1224.6	1304.2	1383.7	1463.8	1543.4	1471.6	1399.7	1328.0
110°	1212.3	1270.2	1328.2	1386.3	1444.2	1502.2	1561.0	1619.2	1576.1	1532.8	1489.8



TEST NUMBER: P1444616  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	1262.1	1303.8	1345.2	1386.6	1427.9	1469.5	1512.1	1553.8	1532.1	1510.3	1488.8
115°	1193.9	1222.2	1249.9	1277.8	1305.8	1333.6	1362.9	1391.3	1384.2	1377.4	1370.4
117.5°	1075.5	1091.2	1106.8	1122.4	1137.9	1153.5	1171.0	1186.8	1187.9	1189.1	1190.4
120°	949.4	956.1	962.5	969.2	975.5	982.2	990.8	997.8	1003.7	1009.3	1015.1
122.5°	842.1	844.7	847.0	849.6	851.9	854.3	859.3	862.3	866.2	870.3	874.3
125°	755.8	757.0	758.2	759.5	760.4	761.6	765.8	767.4	767.7	767.7	768.0
127.5°	697.9	698.1	698.3	698.6	698.4	698.7	701.9	702.7	700.4	697.8	695.3
130°	656.0	656.5	656.9	657.6	658.2	658.8	662.6	664.1	659.7	655.2	650.8
132.5°	628.5	629.2	629.8	630.9	631.6	632.3	636.6	638.2	633.3	628.1	623.0
135°	605.4	606.6	607.4	608.4	609.3	610.6	615.3	617.3	612.5	607.5	602.7
137.5°	586.0	587.2	588.1	589.3	590.2	591.3	596.6	598.7	594.9	590.7	587.1
140°	569.5	570.7	572.0	573.4	574.5	576.1	581.9	584.3	581.3	578.2	574.9
142.5°	552.7	554.6	556.5	558.4	560.2	562.3	568.9	571.9	569.7	567.3	565.1
145°	541.6	543.9	546.0	548.3	550.5	552.8	560.3	563.7	562.4	560.8	559.3
147.5°	531.8	533.9	535.7	537.8	539.9	542.3	550.0	553.3	552.6	551.5	550.7
150°	521.9	523.9	525.9	528.0	530.3	532.7	541.2	545.1	544.3	543.5	542.6
152.5°	510.7	512.5	514.2	516.3	518.2	520.3	530.5	534.4	533.8	532.9	532.3
155°	503.7	505.1	506.4	507.9	509.4	511.3	521.9	525.6	525.2	524.8	524.3
157.5°	501.3	502.0	502.9	504.0	505.2	506.3	517.3	521.0	520.5	520.1	519.7
160°	499.5	500.3	500.9	501.7	502.5	503.3	514.7	518.1	517.8	517.3	516.9
162.5°	498.8	500.0	500.9	501.9	502.9	504.1	515.5	519.4	518.7	518.1	517.5
165°	501.6	502.0	502.5	503.2	503.8	504.6	515.1	518.3	518.0	517.5	517.1
167.5°	504.8	505.6	506.2	507.0	507.5	508.5	518.3	521.4	521.1	520.6	520.3
170°	509.4	510.1	510.5	511.2	511.9	512.7	520.8	523.4	523.1	522.3	521.8
172.5°	513.7	514.5	515.2	515.9	516.5	517.4	524.3	526.8	526.4	525.9	525.3
175°	514.8	515.2	515.8	516.6	517.1	517.7	523.2	524.9	524.7	524.5	524.2
177.5°	519.3	519.5	520.0	520.5	521.0	521.4	524.8	525.9	525.8	525.8	525.7
180°	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5



TEST NUMBER: P1444616  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4
2.5°	35193.8	35206.1	35207.9	35222.3	35221.2	35238.4	35235.6	35249.8	35241.5	35253.1	35243.4
5°	36020.3	36095.3	36134.5	36207.7	36230.8	36296.3	36314.7	36374.5	36376.9	36424.4	36413.6
7.5°	37189.0	37299.5	37365.1	37455.6	37501.3	37576.7	37609.9	37665.6	37683.5	37727.8	37731.2
10°	37886.9	37940.5	37977.9	38003.2	38026.3	38037.1	38049.6	38046.3	38049.6	38044.7	38055.5
12.5°	37612.3	37534.0	37482.2	37384.0	37327.2	37218.8	37165.6	37061.3	37023.5	36933.9	36921.0
15°	36222.2	35949.1	35756.2	35475.7	35299.3	35023.2	34861.8	34612.7	34499.0	34301.1	34249.1
17.5°	33688.4	33181.6	32789.3	32286.1	31936.9	31466.7	31170.9	30781.7	30568.5	30254.6	30145.9
20°	30136.1	29386.1	28797.8	28096.9	27595.2	26970.3	26570.2	26065.5	25772.6	25387.1	25230.8
22.5°	25965.6	25031.9	24297.1	23469.1	22863.8	22167.4	21688.0	21142.1	20823.3	20404.5	20219.0
25°	21667.1	20637.5	19820.5	18948.1	18308.6	17610.5	17131.0	16594.6	16264.9	15867.2	15682.9
27.5°	17556.0	16513.7	15724.1	14913.1	14326.4	13696.5	13263.9	12795.6	12502.8	12163.5	11990.1
30°	13927.9	13008.6	12336.8	11663.7	11175.7	10664.1	10304.6	9916.5	9659.7	9369.1	9203.9
32.5°	10972.1	10262.5	9736.3	9202.2	8802.9	8375.3	8064.7	7722.3	7490.5	7230.9	7081.3
35°	8689.8	8138.4	7718.7	7279.1	6936.0	6571.8	6298.1	6002.5	5794.6	5571.1	5441.9
37.5°	6865.8	6427.3	6082.1	5716.9	5435.0	5133.4	5031.7	4692.5	4477.0	4298.6	4175.2
40°	5388.3	5039.7	4753.9	4474.7	4244.8	4016.0	3832.4	3651.2	3512.0	3384.5	3296.2
42.5°	4207.9	3955.2	3746.6	3542.0	3374.3	3207.6	3074.6	2949.8	2856.1	2772.7	2715.8
45°	3345.1	3171.3	3026.3	2882.2	2763.9	2652.6	2563.1	2483.5	2422.9	2372.8	2337.3
47.5°	2748.0	2629.1	2526.8	2429.6	2349.2	2276.3	2216.4	2196.9	2131.7	2087.9	2071.2
50°	2335.5	2263.7	2186.0	2114.2	2060.6	2007.2	1968.3	1930.2	1905.8	1885.7	1879.5
52.5°	2027.5	1972.6	1929.4	1884.0	1848.5	1810.5	1783.7	1758.4	1744.9	1734.4	1733.1
55°	1798.6	1760.1	1731.6	1701.1	1679.9	1657.6	1643.7	1630.3	1624.4	1619.1	1619.5
57.5°	1625.4	1599.7	1581.1	1561.3	1549.8	1539.2	1535.7	1532.3	1534.1	1534.9	1537.9
60°	1499.1	1482.5	1470.8	1459.4	1454.6	1451.2	1453.8	1456.8	1462.9	1467.8	1472.3
62.5°	1402.4	1392.9	1387.2	1381.1	1380.5	1380.8	1386.0	1391.1	1398.8	1404.5	1408.8
65°	1302.8	1297.4	1295.5	1291.6	1293.6	1294.7	1301.0	1305.0	1312.6	1317.1	1322.6
67.5°	1202.2	1200.9	1202.1	1202.1	1205.6	1208.6	1214.6	1219.0	1225.5	1229.7	1234.1
70°	1128.0	1128.4	1131.2	1131.7	1135.4	1137.6	1142.8	1145.6	1151.4	1155.0	1160.3
72.5°	1055.7	1054.5	1055.2	1053.5	1054.8	1054.3	1057.1	1058.5	1063.5	1066.2	1072.7
75°	978.7	975.5	974.7	971.2	971.4	968.8	970.0	969.9	973.1	974.4	979.1
77.5°	885.8	880.3	877.8	871.9	871.8	869.5	871.9	873.3	879.0	881.8	887.1
80°	774.6	766.1	762.1	755.4	756.6	756.2	762.0	766.2	773.2	774.5	781.3
82.5°	643.9	635.1	631.0	624.3	625.9	626.0	631.2	632.2	638.3	640.8	648.7
85°	461.0	464.4	455.2	455.8	453.8	457.4	461.0	465.4	470.5	479.0	485.4
87.5°	271.5	270.3	273.6	274.0	278.7	281.1	288.7	293.0	301.5	308.0	320.0
90°	164.2	157.9	158.4	155.0	157.6	154.3	156.9	153.2	156.7	155.7	160.6
92.5°	101.8	95.5	88.5	82.2	75.3	69.3	65.7	63.1	59.6	57.2	53.4
95°	138.6	128.9	119.2	109.6	100.0	90.4	86.8	83.3	79.8	76.2	72.8
97.5°	161.8	151.4	141.1	130.5	120.1	109.8	107.5	105.1	102.7	100.4	98.0
100°	233.9	213.8	193.9	173.8	153.8	133.8	131.9	130.1	128.2	126.3	124.4
102.5°	476.3	430.3	384.5	338.5	292.6	246.7	238.7	230.6	222.7	214.6	206.7
105°	877.3	803.7	730.2	656.8	583.4	509.8	487.9	465.9	444.0	422.1	400.3
107.5°	1256.3	1184.6	1113.0	1041.3	969.7	898.1	863.3	828.7	794.0	759.4	724.9
110°	1446.5	1403.4	1360.5	1317.3	1274.4	1231.4	1198.3	1165.4	1132.2	1099.2	1066.2



TEST NUMBER: P1444616  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	1467.2	1445.6	1423.9	1402.5	1381.1	1359.5	1343.4	1327.2	1311.1	1295.0	1278.7
115°	1363.4	1356.5	1349.7	1342.9	1336.2	1329.3	1328.0	1327.1	1325.7	1324.7	1323.5
117.5°	1191.5	1192.8	1193.9	1195.2	1196.6	1198.0	1206.5	1214.9	1223.6	1232.4	1241.1
120°	1020.8	1026.7	1032.4	1038.3	1044.1	1050.1	1061.4	1072.9	1084.4	1096.2	1108.1
122.5°	878.2	882.3	886.1	890.2	894.4	898.5	909.7	921.2	932.5	944.1	956.0
125°	767.9	768.0	768.2	768.2	768.3	768.7	778.0	787.3	796.7	806.5	816.0
127.5°	692.7	690.0	687.4	684.9	682.2	679.9	685.2	690.7	696.2	701.9	707.6
130°	646.2	641.7	637.0	632.7	628.0	623.6	625.6	627.8	629.8	632.1	634.6
132.5°	617.7	612.5	607.2	601.9	596.6	591.5	591.3	591.1	590.9	591.0	591.2
135°	597.6	592.9	587.7	582.7	577.6	572.8	571.4	569.9	568.7	567.5	566.4
137.5°	583.1	579.1	575.0	571.2	567.0	563.0	561.0	559.3	557.3	556.1	554.2
140°	571.7	568.6	565.3	562.1	558.8	555.8	554.0	552.6	551.1	549.8	548.3
142.5°	562.6	560.2	557.7	555.5	552.9	550.7	549.0	547.6	546.1	544.9	543.5
145°	557.7	556.2	554.6	552.9	551.4	549.9	548.5	547.4	546.3	545.3	544.4
147.5°	549.7	548.6	547.7	546.7	545.5	544.5	543.6	543.1	542.0	541.5	540.7
150°	541.6	540.7	539.8	539.0	537.8	537.0	536.4	536.0	535.4	535.2	534.8
152.5°	531.2	530.4	529.5	528.8	527.7	526.9	526.4	526.2	525.7	525.5	524.9
155°	523.8	523.2	522.6	522.0	521.2	520.8	520.2	519.5	519.0	518.5	517.9
157.5°	519.2	518.6	518.1	517.7	516.9	516.4	515.8	515.3	514.6	514.2	513.6
160°	516.4	516.0	515.3	514.8	514.3	513.7	512.9	512.3	511.4	510.8	509.8
162.5°	516.6	515.9	515.2	514.5	513.5	512.9	512.4	511.8	511.3	510.8	510.1
165°	516.6	516.0	515.5	515.0	514.6	514.1	513.2	512.6	511.7	511.1	510.2
167.5°	519.8	519.4	518.9	518.5	517.9	517.4	516.8	516.0	515.2	514.4	513.5
170°	521.3	520.5	520.0	519.3	518.6	518.0	517.4	516.6	515.8	515.3	514.4
172.5°	524.8	524.4	523.8	523.4	522.6	522.1	521.7	521.0	520.4	519.7	519.2
175°	524.1	523.9	523.8	523.5	523.4	523.1	522.8	522.7	522.4	522.3	521.9
177.5°	525.7	525.5	525.5	525.3	525.1	525.1	524.8	524.5	524.2	523.8	523.6
180°	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5



TEST NUMBER: P1444616  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4
2.5°	35253.5	35244.5	35248.8	35232.3	35236.2	35216.3	35214.4	35191.9	35189.7	35168.5	35160.6
5°	36447.1	36427.5	36449.6	36415.1	36421.9	36376.9	36373.2	36315.1	36295.1	36222.5	36191.1
7.5°	37758.9	37751.5	37765.1	37736.2	37735.2	37695.1	37678.6	37626.6	37594.3	37518.0	37469.3
10°	38046.3	38053.1	38042.0	38044.7	38029.1	38024.8	38008.8	37998.7	37972.5	37952.7	37923.6
12.5°	36852.9	36860.1	36814.5	36843.4	36820.6	36873.9	36869.6	36932.3	36941.9	37021.4	37051.4
15°	34094.9	34086.2	33998.9	34054.0	34024.5	34141.3	34167.5	34324.7	34408.8	34610.7	34734.6
17.5°	29928.4	29905.9	29782.9	29849.9	29815.8	29988.2	30045.9	30297.4	30454.3	30779.5	31011.3
20°	24961.8	24918.6	24774.7	24853.2	24818.1	25013.8	25096.3	25400.2	25602.5	26033.3	26339.8
22.5°	19933.5	19865.4	19724.4	19797.7	19764.5	19967.3	20074.6	20379.6	20611.2	21053.6	21411.3
25°	15418.0	15357.4	15221.1	15272.4	15260.0	15431.6	15527.1	15815.6	16043.2	16464.5	16806.0
27.5°	11759.7	11696.6	11573.5	11609.7	11597.3	11743.4	11833.5	12074.5	12270.3	12624.9	12924.8
30°	9000.3	8924.2	8819.8	8839.8	8831.3	8949.7	9033.8	9236.7	9404.6	9704.3	9962.7
32.5°	6898.7	6822.2	6726.3	6735.7	6723.0	6815.9	6885.2	7061.7	7208.0	7462.9	7687.7
35°	5278.5	5367.9	5163.1	5292.8	5157.7	5356.1	5284.8	5395.0	5520.8	5735.6	5923.1
37.5°	4057.9	3995.5	3942.9	3937.3	3937.0	3982.9	4037.2	4143.4	4254.3	4414.3	4579.6
40°	3215.7	3172.0	3137.9	3135.3	3137.9	3170.5	3210.6	3284.1	3365.2	3480.1	3601.6
42.5°	2667.1	2638.1	2617.5	2616.1	2622.6	2645.8	2673.6	2717.2	2770.0	2844.5	2927.8
45°	2308.4	2292.2	2280.8	2280.2	2283.1	2295.3	2311.3	2338.4	2371.9	2418.4	2471.1
47.5°	2056.7	2052.8	2045.6	2045.9	2042.6	2047.6	2049.4	2064.7	2082.4	2117.5	2186.4
50°	1873.4	1873.4	1868.5	1868.2	1863.5	1863.3	1859.4	1865.3	1873.7	1895.4	1917.4
52.5°	1728.5	1728.0	1722.7	1721.6	1716.7	1716.4	1713.1	1715.5	1716.6	1727.5	1740.7
55°	1615.4	1611.9	1604.9	1602.7	1600.7	1603.6	1602.3	1602.5	1601.0	1605.5	1609.5
57.5°	1534.1	1529.7	1523.0	1521.1	1520.6	1524.0	1524.1	1522.9	1516.8	1512.6	1506.8
60°	1469.8	1465.4	1458.2	1456.4	1457.4	1462.1	1461.9	1458.0	1448.9	1440.9	1431.7
62.5°	1406.7	1404.9	1401.2	1400.7	1399.7	1400.5	1397.3	1393.2	1384.1	1375.7	1365.7
65°	1322.0	1322.8	1320.2	1320.6	1317.2	1316.7	1311.8	1307.8	1298.7	1291.0	1280.7
67.5°	1233.9	1234.6	1232.5	1232.5	1230.7	1231.0	1227.9	1224.2	1216.6	1210.3	1202.3
70°	1161.4	1163.3	1162.0	1162.4	1160.3	1159.6	1154.9	1151.2	1143.3	1138.1	1130.9
72.5°	1074.7	1078.5	1078.4	1079.3	1076.3	1074.7	1069.1	1064.5	1057.3	1053.2	1047.5
75°	981.0	986.0	987.5	989.6	985.2	982.9	976.8	973.1	967.2	964.8	961.1
77.5°	889.5	895.1	900.4	905.4	898.2	891.8	884.1	878.3	869.9	866.7	860.9
80°	786.8	796.6	808.5	818.4	805.5	792.5	779.8	770.5	759.4	754.9	747.6
82.5°	652.7	662.8	669.6	676.0	667.1	657.5	645.3	637.1	625.1	620.7	612.3
85°	495.9	508.5	512.6	515.9	510.2	505.1	493.7	478.2	470.6	458.8	452.6
87.5°	326.1	333.7	335.2	336.3	332.8	330.3	322.9	315.6	302.7	293.4	281.9
90°	158.2	161.2	156.3	156.1	153.5	155.9	150.4	149.8	141.2	139.1	131.6
92.5°	50.7	47.2	44.3	41.2	44.9	47.3	51.0	53.4	57.0	59.6	63.1
95°	69.3	65.7	62.2	58.6	61.5	64.2	67.1	69.9	72.7	75.5	78.4
97.5°	95.7	93.3	91.0	88.6	90.3	91.9	93.5	95.2	96.9	98.5	100.3
100°	122.5	120.6	118.8	116.9	116.9	116.9	116.9	116.9	116.9	116.9	116.9
102.5°	198.6	190.7	182.6	174.6	180.1	185.5	190.9	196.3	201.8	207.2	212.7
105°	378.4	356.5	334.7	312.8	333.9	355.1	376.2	397.4	418.5	440.0	461.1
107.5°	690.1	655.6	621.0	586.4	625.2	663.7	702.3	740.9	779.4	818.0	856.8
110°	1033.3	1000.4	967.4	934.5	975.5	1016.4	1057.3	1098.2	1139.2	1180.1	1221.4



TEST NUMBER: P1444616  
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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°	1262.7	1246.8	1230.8	1214.8	1241.1	1267.4	1293.8	1320.4	1346.8	1373.2	1399.6
115°	1322.5	1321.6	1320.7	1319.7	1332.2	1344.6	1357.1	1369.7	1382.3	1394.7	1407.4
117.5°	1249.9	1258.6	1267.5	1276.5	1280.5	1284.5	1288.7	1292.7	1296.9	1301.0	1305.3
120°	1119.9	1131.5	1143.5	1155.5	1153.8	1152.1	1150.7	1149.1	1147.8	1146.2	1145.1
122.5°	967.6	979.3	991.3	1003.2	999.7	996.1	992.7	989.4	986.2	982.9	979.7
125°	825.9	835.6	845.6	855.7	852.1	848.6	845.2	842.0	838.8	835.4	832.6
127.5°	713.7	719.9	725.8	732.0	730.3	728.7	727.5	726.0	724.6	723.5	722.6
130°	637.0	639.7	642.6	645.3	645.7	646.2	647.0	647.8	648.8	649.7	650.9
132.5°	591.7	592.1	592.7	593.3	595.2	597.0	599.4	601.5	604.0	606.3	609.3
135°	565.6	564.8	564.2	563.7	566.6	569.3	572.3	575.4	578.9	582.4	585.9
137.5°	553.0	551.6	550.7	549.5	552.3	555.1	558.2	561.3	564.6	568.1	571.9
140°	547.2	546.1	545.5	544.4	547.2	550.0	553.0	556.1	559.5	562.9	566.5
142.5°	542.5	541.3	540.5	539.8	542.1	544.8	547.7	550.4	553.5	556.5	559.8
145°	543.5	542.6	542.1	541.5	543.2	545.1	547.2	549.3	551.5	553.7	556.5
147.5°	540.3	539.7	539.5	539.1	540.4	541.7	543.3	544.7	546.5	548.1	550.1
150°	534.7	534.3	534.2	534.1	534.9	535.7	536.8	537.6	538.8	539.9	541.3
152.5°	524.9	524.5	524.6	524.4	525.2	525.9	526.9	527.7	528.8	529.6	531.0
155°	517.6	517.2	516.8	516.4	516.7	516.9	517.3	517.5	518.2	518.4	519.0
157.5°	513.3	512.8	512.6	512.1	512.0	511.9	512.0	512.0	512.2	512.1	512.3
160°	509.4	508.5	507.8	507.2	507.5	507.4	507.7	507.7	508.0	508.3	508.5
162.5°	509.7	509.2	508.8	508.3	508.0	507.5	507.2	506.8	506.5	506.2	506.1
165°	509.4	508.7	508.0	507.2	507.2	507.1	506.9	506.7	506.7	506.5	506.6
167.5°	513.0	512.2	511.5	510.8	510.3	509.5	509.2	508.6	508.0	507.5	507.3
170°	513.8	513.1	512.6	512.0	511.8	511.4	511.3	510.9	510.7	510.6	510.6
172.5°	518.6	518.1	517.6	517.1	516.9	516.6	516.5	516.3	516.1	516.1	515.9
175°	521.8	521.5	521.4	521.1	520.8	520.5	520.2	520.0	519.7	519.3	519.1
177.5°	523.2	522.8	522.5	522.3	522.2	522.2	522.2	522.2	522.2	522.1	521.9
180°	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5



TEST NUMBER: P1444616  
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**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4
2.5°	35137.8	35128.5	35104.2	35092.2	35069.7	35058.4	35040.8	35029.5	35015.3	35004.8	34999.3
5°	36111.3	36066.4	35976.3	35920.9	35823.7	35759.7	35663.1	35592.3	35492.6	35419.0	35324.8
7.5°	37378.0	37309.0	37193.7	37106.2	36970.2	36866.2	36713.5	36591.4	36422.8	36282.7	36110.4
10°	37893.7	37853.4	37801.6	37745.4	37670.0	37596.1	37491.8	37385.6	37244.1	37103.2	36919.1
12.5°	37131.5	37169.3	37244.1	37278.9	37336.0	37355.5	37381.6	37369.4	37346.2	37288.7	37205.3
15°	34972.8	35131.0	35380.9	35553.8	35796.0	35966.0	36191.1	36336.0	36502.8	36602.5	36697.2
17.5°	31422.0	31727.9	32168.8	32520.7	32993.0	33376.9	33847.5	34217.1	34643.9	34971.3	35319.9
20°	26874.0	27302.3	27911.1	28428.0	29112.4	29692.7	30436.1	31059.0	31785.5	32391.0	33044.6
22.5°	21979.1	22482.9	23180.4	23803.9	24621.2	25351.0	26282.5	27106.1	28088.2	28968.0	29941.3
25°	17361.2	17855.1	18565.6	19211.2	20093.4	20897.5	21915.1	22859.8	23999.5	25062.3	26282.5
27.5°	13401.2	13839.8	14464.4	15045.6	15853.6	16642.9	17675.7	18683.0	19899.2	21041.4	22356.4
30°	10349.5	10705.4	11205.7	11673.3	12322.0	12967.5	13887.5	14819.0	16029.2	17212.9	18560.9
32.5°	8020.5	8323.9	8741.7	9121.2	9621.0	10107.8	10785.2	11529.7	12591.2	13725.0	15028.5
35°	6208.8	6468.3	6823.9	7150.9	7561.9	7948.3	8453.8	8985.2	9795.3	10749.0	11915.5
37.5°	4950.0	5055.8	5309.6	5577.5	5918.8	6236.4	6631.9	7024.8	7604.3	8356.7	9309.7
40°	3764.4	3932.5	4139.0	4349.9	4608.5	4863.2	5296.9	5505.9	5887.5	6427.6	7167.3
42.5°	3037.4	3155.6	3300.9	3447.6	3627.8	3805.2	4024.6	4248.1	4533.3	4899.2	5425.3
45°	2541.7	2618.9	2712.6	2810.3	2928.6	3049.6	3196.5	3350.0	3543.3	3768.2	4087.8
47.5°	2210.6	2253.2	2314.3	2381.1	2462.3	2546.1	2641.5	2739.3	2859.4	2992.9	3174.8
50°	1952.2	1987.7	2035.2	2079.9	2135.8	2221.7	2259.6	2313.6	2385.9	2464.3	2566.1
52.5°	1765.2	1788.8	1818.6	1844.2	1879.7	1911.8	1953.9	1991.2	2041.2	2088.3	2154.0
55°	1619.5	1628.1	1645.0	1661.5	1686.0	1708.0	1736.9	1761.2	1793.1	1821.3	1862.8
57.5°	1507.0	1507.8	1515.7	1524.2	1540.0	1553.8	1573.7	1589.7	1611.8	1629.8	1654.6
60°	1426.2	1421.9	1423.5	1426.5	1435.3	1444.3	1457.0	1467.4	1481.4	1491.6	1505.4
62.5°	1358.9	1352.2	1350.6	1349.8	1354.3	1357.5	1364.4	1369.5	1377.4	1381.9	1389.2
65°	1273.9	1266.0	1262.9	1259.2	1260.6	1259.5	1262.1	1262.2	1266.3	1267.1	1271.5
67.5°	1196.9	1190.2	1186.2	1181.3	1179.0	1175.5	1174.0	1170.6	1170.1	1167.2	1166.6
70°	1126.6	1120.1	1116.8	1112.1	1109.8	1105.2	1102.3	1096.5	1093.2	1087.8	1084.8
72.5°	1045.2	1041.6	1040.5	1037.5	1036.7	1034.0	1032.9	1028.8	1026.5	1022.0	1019.3
75°	960.3	957.2	957.0	953.9	953.6	950.6	949.8	945.4	943.2	938.7	936.7
77.5°	859.0	854.6	853.3	849.7	850.6	849.0	850.3	847.0	845.6	841.0	839.7
80°	745.0	739.3	736.9	732.1	733.4	731.2	733.4	733.2	734.8	731.2	730.5
82.5°	609.9	603.6	602.4	599.1	601.4	601.5	606.4	603.8	604.8	601.4	602.8
85°	443.8	439.2	432.6	431.7	427.6	431.8	426.2	430.0	424.0	428.2	422.5
87.5°	275.1	265.5	260.4	253.5	251.0	244.3	241.5	236.7	238.2	235.9	237.2
90°	131.3	124.9	126.0	122.3	124.7	121.7	125.4	124.2	128.5	127.2	131.8
92.5°	65.7	68.8	74.4	80.4	85.8	91.4	97.0	102.9	108.3	114.2	119.6
95°	81.1	84.0	91.5	99.0	106.6	114.1	121.8	129.4	136.9	144.4	152.0
97.5°	102.0	103.6	111.2	118.7	126.2	133.8	141.3	149.0	156.6	164.0	171.6
100°	116.9	117.0	138.4	159.8	181.1	202.7	224.2	245.6	267.1	288.5	309.9
102.5°	218.1	223.5	277.6	331.7	385.8	440.0	494.2	548.4	602.5	656.8	711.1
105°	482.3	503.6	586.1	668.8	751.3	834.1	916.8	999.6	1082.3	1165.0	1247.6
107.5°	895.3	934.1	1008.8	1083.5	1158.0	1232.9	1307.6	1382.3	1456.9	1531.8	1606.7
110°	1262.2	1303.3	1353.3	1403.4	1453.6	1503.5	1553.7	1603.7	1654.0	1704.1	1754.4



TEST NUMBER: P1444616  
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**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	1426.0	1452.6	1481.7	1510.9	1540.2	1569.5	1598.8	1628.0	1657.5	1686.9	1716.2
115°	1420.2	1432.9	1444.1	1455.6	1467.0	1478.5	1490.0	1501.7	1513.4	1525.0	1536.7
117.5°	1309.4	1314.0	1315.6	1317.6	1319.4	1321.6	1323.5	1325.7	1327.8	1330.1	1332.0
120°	1143.8	1142.5	1140.6	1139.0	1137.1	1135.5	1133.9	1132.4	1130.9	1129.5	1128.0
122.5°	976.6	973.7	971.9	970.3	968.7	967.2	966.0	964.7	963.3	961.9	960.6
125°	829.5	826.8	828.6	830.3	832.3	834.2	836.1	838.4	840.3	842.4	844.6
127.5°	721.5	720.7	725.1	729.7	734.3	739.0	743.6	748.5	753.0	758.0	762.5
130°	652.1	653.5	659.1	665.2	670.9	676.9	682.9	689.0	694.8	700.8	706.7
132.5°	611.8	614.8	620.2	626.0	631.6	637.4	643.1	649.0	654.7	660.6	666.1
135°	589.7	593.6	598.7	603.9	609.1	614.5	619.6	625.1	630.1	635.5	640.6
137.5°	575.4	579.2	583.5	587.7	591.8	596.2	600.6	604.9	609.0	613.3	617.5
140°	570.1	574.0	576.3	579.1	581.5	584.1	586.4	589.1	591.4	594.2	596.4
142.5°	563.1	566.8	568.1	569.8	571.5	573.5	575.1	576.8	578.4	579.9	581.4
145°	558.8	561.6	561.8	562.2	562.6	562.9	563.1	563.5	563.7	564.0	564.1
147.5°	552.0	554.1	553.8	553.8	553.7	553.5	553.5	553.5	553.1	553.0	552.9
150°	542.4	544.0	543.2	543.0	542.3	541.9	541.2	540.8	540.2	539.8	539.1
152.5°	532.1	533.3	532.3	532.0	531.1	530.5	529.6	529.2	528.3	527.7	527.1
155°	519.3	520.0	519.5	519.1	518.7	518.3	517.9	517.8	517.6	517.2	517.0
157.5°	512.5	512.6	512.4	512.1	511.7	511.6	511.4	511.2	511.1	511.2	511.3
160°	508.6	509.0	508.7	508.4	508.2	507.9	507.7	507.6	507.6	507.8	507.9
162.5°	505.7	505.6	505.2	504.9	504.7	504.7	504.5	504.7	504.6	504.7	504.9
165°	506.8	507.0	506.2	506.0	505.6	505.2	504.8	504.6	504.6	504.5	504.4
167.5°	507.0	506.8	506.8	506.9	506.9	507.1	507.2	507.6	507.8	508.3	508.4
170°	510.5	510.6	510.3	510.1	509.9	509.8	509.7	509.6	509.7	509.6	509.6
172.5°	515.9	515.9	515.4	514.9	514.5	514.2	513.7	513.4	513.0	512.7	512.3
175°	518.7	518.5	518.3	518.1	517.9	517.5	517.3	516.7	516.5	516.2	516.0
177.5°	521.8	521.5	521.4	521.4	521.3	521.1	521.1	521.0	521.0	521.0	520.7
180°	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5



TEST NUMBER: P1444616  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4
2.5°	34992.3	34991.9	34988.5	34990.0	34990.7	34993.2	34996.1	34999.3	35000.0	35002.4	35002.9
5°	35254.2	35167.5	35103.6	35033.2	34980.1	34932.5	34900.7	34875.5	34865.8	34868.2	34874.1
7.5°	35964.3	35785.6	35638.0	35470.5	35330.7	35182.7	35060.0	34943.3	34858.3	34795.0	34759.6
10°	36743.5	36525.8	36317.6	36075.0	35844.9	35599.2	35376.9	35152.9	34966.1	34803.9	34684.8
12.5°	37089.3	36935.4	36755.5	36526.5	36280.3	35996.9	35710.7	35404.0	35118.6	34853.8	34640.1
15°	36723.2	36723.5	36657.8	36547.9	36376.9	36150.5	35877.8	35558.0	35221.5	34878.0	34564.2
17.5°	35560.9	35780.2	35902.2	35979.4	35955.6	35872.2	35698.8	35453.1	35139.3	34773.4	34390.6
20°	33565.0	34082.2	34451.0	34782.6	34968.4	35092.0	35079.6	34979.6	34756.2	34445.1	34046.3
22.5°	30769.1	31637.2	32322.2	32960.9	33409.0	33773.4	33946.7	34020.1	33918.9	33702.2	33327.7
25°	27373.2	28553.5	29560.7	30538.3	31271.6	31901.8	32280.5	32547.3	32568.5	32455.4	32121.2
27.5°	23599.6	24992.9	26267.7	27566.9	28598.2	29504.1	30098.5	30533.6	30671.8	30653.6	30350.2
30°	19830.9	21293.5	22698.8	24213.8	25489.8	26647.3	27432.5	28020.9	28247.6	28291.1	27999.3
32.5°	16271.7	17714.1	19115.4	20699.3	22103.5	23430.0	24357.8	25056.6	25320.3	25382.5	25062.3
35°	13041.6	14372.3	15704.0	17239.0	18635.2	20008.8	20986.4	21718.1	21964.3	22005.9	21635.3
37.5°	10240.4	11374.2	12534.7	13911.9	15194.1	16484.1	17412.9	18100.6	18280.0	18268.9	17849.6
40°	7881.9	8763.3	9695.8	10829.6	11895.6	12986.1	13770.5	14338.9	14433.2	14363.4	13922.8
42.5°	5926.8	6563.4	7239.4	8085.7	8876.7	9692.8	10263.4	10685.5	10699.0	10588.6	10193.2
45°	4415.4	5036.5	5320.0	5831.8	6341.2	6883.9	7232.3	7493.0	7452.6	7355.6	7055.1
47.5°	3366.0	3604.7	3857.9	4175.2	4471.9	5087.8	5042.1	5460.8	5159.2	5364.9	4912.3
50°	2673.0	2806.4	2942.7	3111.2	3266.2	3427.2	3527.8	3602.9	3593.2	3560.9	3474.1
52.5°	2274.1	2315.3	2382.4	2478.3	2564.8	2651.9	2709.1	2755.7	2756.7	2743.6	2699.8
55°	1900.6	1953.0	2001.2	2063.9	2170.4	2186.8	2269.0	2252.3	2258.8	2236.1	2259.3
57.5°	1675.8	1706.2	1733.3	1770.6	1801.4	1837.4	1858.6	1879.0	1877.0	1872.6	1850.2
60°	1516.4	1533.2	1548.3	1570.1	1587.0	1607.3	1617.0	1627.4	1624.0	1616.5	1596.6
62.5°	1393.6	1404.1	1412.7	1426.8	1437.0	1449.6	1454.8	1459.2	1454.8	1447.6	1430.0
65°	1272.3	1279.1	1284.6	1295.1	1302.4	1313.2	1317.5	1321.7	1317.6	1312.0	1298.7
67.5°	1163.0	1163.7	1163.2	1167.4	1169.7	1176.2	1178.1	1181.1	1176.5	1171.7	1160.3
70°	1080.1	1078.4	1076.4	1078.1	1078.4	1081.6	1082.1	1081.6	1076.0	1067.6	1055.3
72.5°	1015.3	1014.4	1012.8	1014.3	1014.3	1017.1	1016.3	1014.8	1007.9	999.9	987.6
75°	932.0	931.4	928.3	928.4	925.8	926.7	923.3	921.4	913.7	906.9	895.9
77.5°	834.5	833.0	828.5	826.7	821.8	819.7	813.3	810.2	802.4	796.9	787.6
80°	725.7	724.0	718.1	714.9	707.1	702.1	692.8	687.5	678.5	673.2	664.0
82.5°	599.9	600.6	594.7	590.6	579.4	570.8	558.3	551.5	541.7	536.5	527.1
85°	426.6	420.5	423.8	423.6	416.5	409.1	398.9	391.7	383.4	378.5	371.9
87.5°	234.0	235.5	233.8	232.3	227.4	223.6	215.7	211.5	205.4	202.3	197.4
90°	122.6	119.2	110.3	107.2	98.3	93.0	83.2	78.9	69.6	67.5	61.9
92.5°	113.3	107.0	100.9	94.2	88.2	81.8	75.4	69.2	62.8	60.3	58.5
95°	142.8	133.7	124.6	115.3	106.2	97.0	87.9	78.7	69.5	67.7	65.8
97.5°	161.0	150.2	139.4	128.7	117.8	107.0	96.3	85.5	74.7	73.5	72.3
100°	285.2	260.3	235.5	210.5	185.7	160.7	136.0	111.1	86.2	84.9	83.4
102.5°	650.7	590.3	529.9	469.7	409.4	349.0	288.8	228.3	168.0	159.2	150.6
105°	1156.3	1064.9	973.8	882.4	791.1	699.7	608.5	517.0	425.6	396.3	367.0
107.5°	1521.0	1435.0	1349.3	1263.5	1177.6	1091.9	1005.9	920.0	834.1	782.4	730.8
110°	1686.3	1618.2	1550.2	1482.0	1414.0	1345.8	1277.6	1209.5	1141.3	1096.7	1052.4



TEST NUMBER: P1444616  
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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°	1666.4	1616.4	1566.8	1516.8	1466.9	1416.9	1367.1	1317.0	1266.9	1240.0	1213.0
115°	1506.8	1476.7	1446.8	1416.7	1386.6	1356.6	1326.6	1296.2	1266.1	1251.9	1237.7
117.5°	1316.8	1301.5	1286.4	1271.1	1255.6	1240.1	1224.9	1209.4	1194.0	1189.0	1184.0
120°	1123.6	1119.0	1114.3	1109.7	1105.1	1100.4	1095.7	1090.9	1086.0	1086.7	1087.4
122.5°	962.5	964.3	966.4	967.9	969.9	971.5	973.5	974.9	976.7	980.5	984.3
125°	849.2	853.6	858.2	862.6	867.0	871.5	876.0	880.2	884.7	888.5	892.6
127.5°	767.9	772.8	778.0	782.9	788.0	792.9	798.0	802.7	807.7	811.3	815.1
130°	711.3	715.5	720.1	724.2	728.8	733.1	737.4	741.7	746.0	748.9	751.7
132.5°	670.1	674.1	678.1	681.8	685.9	689.8	693.6	697.5	701.6	703.7	705.9
135°	643.8	646.5	649.6	652.3	655.7	658.4	661.5	664.5	667.7	669.0	670.6
137.5°	619.8	622.3	624.8	627.2	629.7	632.1	634.7	637.3	640.1	640.6	641.7
140°	599.0	601.6	604.1	606.7	609.4	612.0	614.8	617.6	620.5	621.2	622.2
142.5°	583.6	585.3	587.4	589.4	591.5	593.5	595.9	598.2	600.6	601.4	602.1
145°	566.6	568.8	571.3	573.6	575.9	578.6	581.4	584.0	586.8	587.3	587.9
147.5°	554.8	556.8	558.9	561.0	563.2	565.2	567.8	570.2	572.7	573.2	573.7
150°	541.3	543.4	545.5	547.7	550.2	552.6	555.1	557.6	560.6	561.5	562.3
152.5°	529.3	531.6	534.0	536.5	539.1	541.7	544.6	547.3	550.3	551.0	551.8
155°	519.3	521.5	523.9	526.5	529.3	531.6	534.4	537.0	539.9	540.8	541.7
157.5°	513.4	515.4	517.7	519.9	522.3	524.5	527.1	529.3	532.0	532.8	533.5
160°	509.8	511.7	513.7	515.7	517.9	519.8	522.0	524.1	526.3	527.1	527.9
162.5°	506.9	508.8	510.9	512.6	514.8	516.9	519.0	521.0	523.2	523.8	524.6
165°	505.9	507.3	508.9	510.2	511.9	513.1	514.9	516.3	518.1	518.6	519.7
167.5°	509.8	510.7	511.8	512.8	514.3	515.4	516.8	517.9	519.1	519.9	520.7
170°	510.6	511.6	512.6	513.6	514.8	515.9	517.0	517.9	519.2	519.8	520.6
172.5°	512.9	513.4	514.2	514.8	515.6	516.2	517.0	517.8	518.5	519.4	520.1
175°	516.5	516.8	517.1	517.4	517.7	518.2	518.5	519.1	519.4	520.1	520.7
177.5°	520.9	521.2	521.4	521.6	522.2	522.4	522.7	523.0	523.4	524.0	524.8
180°	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5



TEST NUMBER: P1444616  
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**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4
2.5°	35001.7	35001.3	35000.2	34998.7	34997.1	34998.0	34999.6	35003.6	35010.6	35020.8	35034.0
5°	34878.9	34886.0	34890.1	34890.6	34887.0	34884.7	34888.2	34897.8	34917.2	34949.7	34993.7
7.5°	34750.1	34758.9	34772.5	34782.6	34784.5	34782.1	34782.6	34797.7	34833.5	34896.8	34985.7
10°	34612.4	34586.3	34600.1	34625.3	34645.4	34649.1	34651.5	34669.3	34721.7	34817.5	34960.3
12.5°	34485.4	34402.6	34386.6	34409.4	34439.9	34449.7	34446.9	34454.6	34515.9	34642.7	34841.7
15°	34318.4	34162.6	34109.3	34115.1	34152.7	34166.3	34156.4	34141.3	34201.1	34355.8	34613.4
17.5°	34047.8	33796.7	33698.8	33694.5	33738.5	33750.2	33726.0	33679.2	33738.0	33931.1	34250.9
20°	33636.8	33265.9	33081.6	33052.3	33100.1	33086.2	33037.9	32967.0	33044.4	33279.2	33659.5
22.5°	32897.6	32427.8	32112.8	32011.4	32068.5	32030.3	31960.0	31869.5	31972.2	32239.0	32662.5
25°	31689.8	31146.9	30715.8	30474.0	30519.6	30451.2	30374.6	30265.0	30387.5	30693.7	31159.9
27.5°	29914.5	29287.4	28753.3	28352.9	28367.6	28278.0	28189.8	28048.0	28200.9	28563.4	29089.2
30°	27553.8	26828.2	26177.6	25633.6	25584.9	25498.1	25407.7	25221.6	25412.9	25846.8	26461.3
32.5°	24589.2	23783.5	23031.9	22344.0	22214.2	22129.6	22048.9	21834.7	22085.3	22591.1	23297.1
35°	21122.1	20263.9	19449.0	18663.4	18448.4	18363.7	18293.3	18088.0	18400.6	18951.2	19713.6
37.5°	17316.6	16439.9	15630.8	14825.2	14521.4	14406.5	14355.3	14220.9	14581.5	15126.1	15891.7
40°	13409.8	12594.7	11869.3	11157.7	10811.4	10635.6	10608.8	10584.2	10933.0	11405.4	12100.3
42.5°	9755.1	9097.5	8538.2	7994.3	7680.4	7440.4	7440.2	7513.1	7827.0	8180.9	8716.7
45°	6747.9	6306.5	5950.2	5586.8	5684.0	5205.2	5486.4	5342.1	5497.2	5725.4	6073.8
47.5°	4638.5	4397.6	4201.9	3998.9	3850.8	3709.5	3721.9	3813.0	3959.1	4094.4	4275.8
50°	3380.7	3258.0	3158.3	3052.8	2979.2	2916.9	2920.5	2959.9	3036.7	3108.0	3202.9
52.5°	2649.0	2581.3	2527.2	2468.9	2430.3	2399.2	2400.9	2420.0	2461.6	2502.4	2556.8
55°	2183.4	2175.3	2104.8	2052.5	2032.6	2011.8	2015.5	2023.1	2051.3	2075.2	2111.2
57.5°	1829.7	1798.1	1776.9	1749.3	1736.8	1722.2	1725.5	1728.3	1747.2	1763.2	1789.1
60°	1579.9	1557.5	1542.6	1523.8	1515.5	1506.2	1508.4	1510.1	1522.1	1532.6	1551.1
62.5°	1414.0	1394.0	1380.9	1366.4	1360.7	1354.4	1355.8	1356.3	1363.9	1371.6	1385.6
65°	1286.7	1270.8	1260.0	1247.5	1241.4	1234.9	1235.5	1235.5	1241.9	1247.5	1258.1
67.5°	1152.1	1140.1	1133.2	1123.2	1119.0	1112.4	1112.3	1110.2	1114.4	1116.6	1123.7
70°	1044.1	1032.0	1023.0	1013.5	1008.3	1002.4	1002.6	1002.7	1007.5	1012.6	1021.9
72.5°	977.4	965.8	957.8	949.5	944.6	939.5	938.7	938.2	941.6	944.4	950.6
75°	889.0	879.7	875.0	867.3	863.3	857.7	856.8	854.2	855.9	856.4	861.0
77.5°	781.7	773.0	769.2	761.3	758.0	751.6	751.1	748.2	749.6	748.6	752.1
80°	659.5	651.5	649.5	643.0	641.4	635.5	634.7	631.1	632.2	629.4	630.7
82.5°	523.1	515.8	514.2	508.2	508.2	502.9	502.6	497.3	497.3	492.7	485.4
85°	368.5	363.1	360.9	356.0	354.5	350.3	348.0	342.9	341.1	337.9	336.8
87.5°	194.5	191.1	188.1	185.7	181.4	173.8	173.1	167.8	168.2	164.3	164.6
90°	60.3	55.1	53.6	48.8	47.1	43.5	41.9	42.7	44.1	44.9	46.5
92.5°	56.4	54.3	52.2	50.1	47.9	45.9	43.7	45.9	47.9	50.1	52.2
95°	63.9	62.1	60.1	58.2	56.4	54.5	52.7	54.5	56.4	58.4	60.3
97.5°	71.1	69.9	68.8	67.6	66.4	65.2	64.0	65.4	66.6	67.8	69.0
100°	82.0	80.6	79.2	77.8	76.4	74.9	73.6	75.1	76.6	78.0	79.4
102.5°	141.9	133.3	124.6	115.9	107.2	98.5	89.8	98.5	107.2	116.1	124.7
105°	337.5	308.3	279.0	249.6	220.1	190.8	161.4	190.9	220.2	249.7	279.2
107.5°	679.1	627.6	575.8	524.1	472.4	420.7	368.9	420.9	472.7	524.3	576.1
110°	1007.7	963.2	918.7	874.1	829.4	784.9	740.2	785.0	829.7	874.4	919.1



TEST NUMBER: P1444616  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	1185.9	1158.9	1131.7	1104.7	1077.5	1050.4	1023.0	1050.6	1078.0	1105.3	1132.5
115°	1223.5	1209.1	1194.9	1180.6	1166.2	1151.8	1137.3	1152.2	1166.8	1181.4	1196.0
117.5°	1179.0	1174.1	1169.0	1164.0	1158.9	1153.9	1148.6	1154.1	1159.5	1165.2	1170.3
120°	1087.8	1088.6	1089.1	1089.4	1089.9	1090.3	1090.6	1090.8	1090.8	1090.8	1090.7
122.5°	988.0	991.8	995.5	999.2	1002.7	1006.3	1009.6	1006.8	1003.8	1000.8	997.6
125°	896.2	900.4	904.2	907.9	911.6	915.4	918.5	916.0	912.9	909.9	906.6
127.5°	818.5	822.0	825.4	829.0	832.1	835.4	838.4	836.2	833.6	831.0	828.2
130°	754.2	757.2	759.7	762.3	764.6	767.0	769.0	767.7	766.0	764.7	762.6
132.5°	707.9	710.1	712.2	714.0	715.7	717.5	718.7	718.2	717.4	716.5	715.2
135°	672.1	673.5	674.8	676.4	677.4	678.5	679.0	679.3	679.0	678.9	678.2
137.5°	642.4	643.3	644.0	644.6	645.0	645.3	645.3	646.1	646.6	647.4	647.5
140°	623.0	623.8	624.5	625.1	625.7	626.2	626.0	627.1	627.6	628.0	628.1
142.5°	603.1	603.9	604.6	605.3	605.7	606.1	606.1	606.9	607.4	607.8	608.0
145°	588.6	589.0	589.4	589.9	590.0	590.1	589.8	590.9	591.6	592.3	592.9
147.5°	574.1	574.7	574.9	575.2	575.3	575.4	575.3	576.2	577.1	577.8	578.3
150°	563.2	564.0	564.6	565.4	566.0	566.3	566.4	567.1	567.6	567.9	568.0
152.5°	552.5	553.2	553.9	554.4	555.0	555.3	555.5	556.1	556.8	557.1	557.3
155°	542.5	543.5	544.3	545.1	545.6	546.1	546.7	547.2	547.6	547.9	548.1
157.5°	534.3	535.2	535.8	536.6	537.2	538.0	538.5	539.1	539.5	540.1	540.3
160°	528.5	529.4	529.9	530.7	531.4	532.0	532.6	533.2	533.7	534.1	534.7
162.5°	525.2	526.0	526.4	527.2	527.9	528.6	529.1	529.7	530.2	530.7	531.1
165°	520.5	521.5	522.2	523.2	524.0	524.9	525.5	526.0	526.1	526.4	526.5
167.5°	521.4	522.4	523.0	523.8	524.4	525.4	526.1	526.5	526.6	526.8	526.8
170°	521.2	522.1	522.8	523.5	524.1	524.9	525.4	525.6	525.7	525.9	526.0
172.5°	520.8	521.8	522.6	523.6	524.2	525.1	525.9	525.9	525.6	525.5	525.1
175°	521.2	522.1	522.7	523.5	523.9	524.7	525.5	525.1	525.0	524.7	524.5
177.5°	525.7	526.7	527.5	528.2	529.2	529.8	530.6	529.9	529.3	528.8	528.1
180°	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5



TEST NUMBER: P1444616  
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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°	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4
2.5°	35052.8	35070.4	35097.2	35121.5	35158.1	35187.0	35230.3	35263.2	35312.2	35344.0	35397.2
5°	35055.9	35124.5	35214.7	35302.7	35408.5	35504.6	35623.9	35725.6	35845.5	35943.4	36066.1
7.5°	35105.5	35237.8	35396.2	35555.9	35736.6	35905.5	36096.0	36268.3	36456.6	36616.0	36790.2
10°	35142.1	35346.0	35579.6	35814.7	36062.1	36291.9	36524.1	36724.6	36912.1	37066.3	37202.5
12.5°	35092.5	35373.5	35673.2	35962.7	36237.8	36475.7	36675.4	36829.6	36936.1	37008.3	37025.2
15°	34923.9	35262.0	35587.9	35876.2	36104.5	36280.7	36371.7	36414.4	36368.7	36292.6	36125.6
17.5°	34609.1	34965.7	35257.1	35484.5	35605.1	35652.9	35577.4	35446.1	35189.4	34904.6	34493.1
20°	34031.8	34364.1	34575.5	34699.6	34667.3	34547.9	34262.9	33916.4	33404.0	32857.9	32137.2
22.5°	33019.4	33309.9	33422.5	33431.7	33234.8	32936.0	32421.9	31827.6	31019.2	30178.8	29145.3
25°	31499.6	31754.0	31771.9	31671.9	31311.5	30827.2	30072.4	29231.7	28133.2	27013.3	25718.2
27.5°	29438.5	29682.6	29622.8	29436.3	28936.0	28288.0	27321.5	26235.5	24881.2	23558.6	22125.8
30°	26847.5	27108.5	27038.4	26799.1	26204.0	25438.2	24300.9	23039.1	21535.6	20123.0	18671.1
32.5°	23746.9	24076.8	24028.4	23801.1	23180.1	22360.4	21126.5	19788.2	18249.9	16857.8	15445.5
35°	20222.7	20623.2	20644.0	20495.3	19918.8	19108.7	17890.1	16594.9	15121.4	13807.9	12503.2
37.5°	16425.7	16890.1	16985.5	16945.4	16467.6	15752.4	14642.2	13480.2	12174.9	11023.7	9907.9
40°	12607.6	13077.8	13240.8	13289.2	12936.7	12382.7	11471.5	10533.7	9469.6	8536.7	7650.8
42.5°	9125.8	9542.5	9700.2	9799.3	9579.3	9209.8	8545.2	7864.1	7084.5	6411.7	5766.7
45°	6338.1	6632.8	6752.8	6852.6	6732.6	6524.3	6104.6	5678.6	5163.9	4724.3	4308.1
47.5°	4431.4	4593.9	4673.0	4721.4	4675.0	4566.3	4337.8	4091.1	3800.6	3543.7	3296.6
50°	3284.5	3371.1	3412.4	3440.4	3406.6	3346.2	3222.6	3088.3	2928.7	2783.2	2641.0
52.5°	2602.9	2652.5	2677.1	2692.2	2672.8	2635.8	2563.8	2484.2	2388.6	2298.6	2251.4
55°	2192.8	2190.2	2247.1	2219.7	2247.1	2185.8	2172.9	2085.3	2005.9	1949.9	1889.4
57.5°	1808.4	1834.1	1845.0	1857.3	1849.3	1838.1	1807.6	1776.2	1734.3	1699.2	1661.9
60°	1565.4	1586.6	1598.6	1610.6	1609.9	1605.7	1588.0	1569.3	1543.1	1522.1	1499.4
62.5°	1398.0	1416.3	1428.1	1439.7	1440.8	1439.1	1425.7	1412.7	1394.8	1381.7	1366.1
65°	1266.3	1279.1	1287.2	1296.4	1295.9	1293.5	1281.4	1270.6	1255.8	1246.7	1235.3
67.5°	1128.4	1138.2	1144.5	1153.2	1154.9	1155.4	1148.8	1143.7	1136.5	1133.8	1130.0
70°	1030.4	1042.3	1052.3	1063.3	1069.3	1072.2	1069.3	1066.8	1062.5	1060.8	1057.7
72.5°	956.2	966.3	974.0	984.0	989.6	993.7	991.5	990.0	986.4	985.9	983.9
75°	864.1	871.0	875.4	883.0	885.9	889.7	888.1	889.0	887.8	890.6	890.5
77.5°	753.3	758.4	760.5	766.0	766.5	771.0	772.1	777.4	781.2	789.6	794.0
80°	628.7	631.9	631.9	637.5	640.0	647.6	651.3	660.0	664.0	671.5	672.1
82.5°	488.3	484.6	488.3	486.0	493.1	501.7	502.9	510.3	512.1	516.7	513.0
85°	333.9	333.6	330.6	331.1	328.9	329.9	328.7	330.0	328.8	328.9	325.5
87.5°	159.9	161.4	157.9	159.0	155.7	157.3	154.2	156.6	153.0	153.6	148.4
90°	47.6	49.0	50.1	51.6	53.5	57.4	61.5	65.4	69.9	73.9	78.1
92.5°	54.3	56.5	58.6	60.7	62.9	69.3	75.5	81.9	88.5	94.6	101.0
95°	62.3	64.1	66.0	68.1	69.9	79.1	88.3	97.4	106.7	115.8	125.0
97.5°	70.3	71.5	72.7	73.9	75.2	86.0	96.9	107.7	118.5	129.4	140.0
100°	81.0	82.4	83.8	85.4	86.7	111.7	136.6	161.5	186.4	211.3	236.2
102.5°	133.6	142.2	151.0	159.9	168.7	229.1	289.6	350.0	410.1	470.6	530.9
105°	308.5	337.9	367.7	397.0	426.4	517.9	609.4	700.9	792.1	883.5	975.0
107.5°	628.0	679.7	731.5	783.3	835.0	921.1	1007.0	1093.1	1179.1	1265.0	1350.7
110°	964.0	1008.4	1053.4	1098.1	1142.8	1211.0	1279.3	1347.5	1415.9	1483.9	1552.2



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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°	1159.9	1187.1	1214.3	1241.3	1268.6	1318.7	1369.1	1419.1	1469.3	1519.1	1569.2
115°	1210.6	1224.8	1239.3	1253.7	1268.2	1298.6	1328.8	1359.1	1389.3	1419.5	1449.7
117.5°	1175.7	1181.0	1186.3	1191.1	1196.4	1212.0	1227.7	1243.2	1258.8	1274.4	1289.9
120°	1090.6	1090.2	1089.9	1089.4	1089.2	1094.0	1099.1	1103.8	1108.8	1113.6	1118.3
122.5°	994.3	990.7	987.4	983.9	980.4	978.6	977.3	975.5	974.2	972.5	970.9
125°	903.2	899.7	896.2	892.5	888.9	884.6	880.4	876.1	871.8	867.5	863.2
127.5°	825.4	822.2	819.2	815.8	812.5	807.6	802.9	798.0	793.3	788.4	783.6
130°	760.8	758.4	756.5	753.7	751.5	747.0	743.1	738.8	734.6	730.3	726.2
132.5°	714.0	712.4	711.0	709.0	707.4	703.5	700.0	696.0	692.3	688.5	684.8
135°	677.8	676.8	676.1	674.8	673.8	670.9	668.2	665.3	662.5	659.6	656.8
137.5°	647.6	647.3	647.2	646.9	646.6	644.2	641.9	639.6	637.3	634.8	632.6
140°	628.3	628.2	628.0	627.7	627.4	624.8	622.4	619.9	617.5	614.9	612.5
142.5°	608.1	608.1	608.0	607.7	607.5	605.5	603.8	601.8	599.9	598.0	596.1
145°	593.3	593.5	593.8	593.7	594.0	591.5	589.5	587.0	584.9	582.6	580.4
147.5°	579.0	579.2	579.5	579.7	580.1	578.1	576.4	574.3	572.7	570.6	568.9
150°	568.2	568.2	568.3	568.2	568.1	566.1	564.3	562.4	560.6	558.3	556.6
152.5°	557.6	557.8	558.0	558.2	558.4	556.5	554.4	552.3	550.3	548.1	546.0
155°	548.4	548.5	548.7	548.7	548.7	546.8	545.0	542.9	541.0	539.0	537.1
157.5°	540.5	540.8	541.0	541.2	541.3	539.7	538.0	536.4	534.8	533.0	531.3
160°	534.9	535.2	535.5	535.6	535.9	534.6	533.4	531.7	530.6	528.9	527.4
162.5°	531.5	531.9	532.2	532.3	532.6	531.2	529.9	528.6	527.2	525.5	524.1
165°	526.8	526.7	526.9	526.7	526.8	525.8	525.0	524.0	523.2	522.1	521.2
167.5°	527.0	526.9	527.1	526.9	527.0	526.3	526.0	525.1	524.4	523.7	523.0
170°	526.1	526.0	526.1	525.9	526.0	525.3	524.7	524.0	523.7	522.6	521.9
172.5°	525.0	524.7	524.5	524.3	523.9	523.5	523.2	522.8	522.4	521.9	521.4
175°	524.1	523.8	523.7	523.4	523.0	522.9	522.6	522.6	522.3	522.1	521.8
177.5°	527.6	527.1	526.3	525.7	525.1	524.9	524.8	524.6	524.6	524.3	524.1
180°	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5



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**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4
2.5°	35430.1	35211.3	35182.4	35197.8	35234.3	35247.9	35287.3	35298.1	35337.9	35347.6	35385.7
5°	36161.2	35871.9	35886.4	35955.9	36061.2	36124.0	36227.4	36281.5	36380.4	36425.2	36514.5
7.5°	36932.1	36704.9	36775.7	36893.0	37037.0	37136.7	37261.0	37341.9	37449.1	37515.6	37601.3
10°	37310.6	37248.3	37326.3	37418.5	37500.7	37565.0	37617.7	37659.9	37687.5	37713.4	37724.7
12.5°	37022.5	37118.8	37132.1	37123.2	37068.7	37027.2	36933.9	36870.5	36757.9	36689.3	36555.4
15°	35954.7	36166.5	36049.2	35871.7	35611.9	35395.3	35089.4	34861.8	34543.2	34327.2	34007.6
17.5°	34080.8	34348.1	34042.5	33631.7	33109.2	32662.1	32105.5	31663.6	31110.0	30707.5	30190.9
20°	31442.7	31692.5	31147.6	30466.5	29658.2	28977.9	28175.7	27535.5	26790.0	26235.5	25566.2
22.5°	28158.1	28336.0	27568.2	26650.2	25620.4	24770.4	23811.2	23043.9	22193.0	21559.0	20845.4
25°	24524.2	24572.2	23651.3	22593.7	21445.8	20490.6	19466.6	18659.8	17792.0	17149.5	16449.1
27.5°	20856.5	20786.1	19790.7	18669.3	17461.9	16469.0	15470.2	14714.1	13954.2	13375.4	12772.1
30°	17394.7	17224.2	16190.6	15038.0	13865.9	12976.1	12147.0	11539.7	10935.2	10476.0	9991.7
32.5°	14220.2	13979.6	12973.5	11893.6	10906.0	10219.3	9604.5	9145.1	8656.8	8269.0	7862.5
35°	11408.3	11152.0	10260.8	9345.2	8597.8	8091.6	7608.3	7231.4	6816.9	6489.7	6136.7
37.5°	8995.1	8785.1	8038.5	7318.1	6752.8	6360.4	5964.5	5656.5	5313.9	5169.9	4792.7
40°	6944.2	6797.4	6213.6	5682.6	5258.0	5073.8	4671.8	4384.1	4128.0	3916.9	3712.5
42.5°	5416.6	5364.6	4796.6	4382.3	4083.4	3851.2	3627.3	3445.4	3268.4	3122.9	2985.4
45°	3975.0	3933.8	3681.7	3442.6	3238.9	3076.6	2925.2	2800.1	2684.4	2588.5	2501.3
47.5°	3095.3	3082.2	2936.9	2788.7	2660.3	2556.1	2457.8	2374.8	2297.9	2233.9	2213.1
50°	2517.6	2515.8	2430.6	2339.1	2247.7	2187.4	2124.8	2075.7	2026.3	1987.9	1947.4
52.5°	2139.1	2129.8	2072.3	2015.8	1961.5	1921.9	1881.8	1850.5	1817.8	1794.1	1768.9
55°	1841.6	1851.3	1818.0	1784.3	1750.3	1725.7	1697.6	1676.8	1654.5	1639.5	1624.3
57.5°	1634.8	1647.8	1630.3	1611.1	1590.5	1574.3	1554.9	1540.6	1525.7	1516.1	1507.3
60°	1484.5	1498.6	1491.6	1482.0	1469.2	1459.6	1447.2	1439.2	1429.6	1424.3	1419.3
62.5°	1357.0	1374.5	1372.0	1367.5	1359.3	1354.0	1347.2	1343.7	1337.3	1335.0	1332.7
65°	1229.7	1249.5	1249.1	1246.9	1242.3	1240.7	1236.6	1235.8	1232.6	1233.8	1233.5
67.5°	1129.6	1146.8	1150.5	1153.3	1153.2	1154.2	1153.8	1155.5	1155.5	1158.0	1159.6
70°	1057.3	1069.3	1072.2	1075.1	1075.9	1078.1	1078.1	1079.6	1079.2	1081.3	1081.6
72.5°	984.3	1000.1	1003.0	1005.3	1005.3	1007.5	1006.3	1006.0	1002.8	1002.2	1000.0
75°	893.5	913.7	918.1	921.0	921.4	923.3	920.6	918.9	913.7	911.6	907.9
77.5°	798.6	819.6	822.7	823.7	822.1	822.5	816.7	812.8	806.2	803.4	800.0
80°	675.1	706.0	708.4	706.5	701.6	700.9	695.3	691.6	683.7	680.9	678.0
82.5°	513.7	549.9	555.0	557.1	553.3	554.2	548.9	546.7	539.5	538.2	533.4
85°	324.3	360.5	366.5	365.6	361.7	360.8	357.6	358.7	358.0	360.0	361.1
87.5°	149.0	184.1	192.5	189.8	189.4	186.9	181.3	183.4	186.7	189.0	189.1
90°	82.1	96.8	100.6	98.0	92.0	88.9	83.3	80.7	75.5	73.0	67.9
92.5°	107.4	113.6	120.0	114.3	108.7	103.0	97.4	91.6	86.1	80.4	74.8
95°	134.2	143.2	152.4	144.8	137.1	129.6	122.0	114.5	107.0	99.4	91.9
97.5°	150.8	161.4	172.0	164.4	157.0	149.3	141.7	134.3	126.7	119.1	111.6
100°	261.1	285.5	310.3	288.9	267.4	246.1	224.6	203.1	181.7	160.4	138.8
102.5°	591.1	651.3	711.5	657.1	603.0	548.8	494.7	440.5	386.3	332.0	278.0
105°	1066.2	1157.1	1248.3	1165.4	1082.7	1000.0	917.3	834.6	751.8	669.1	586.5
107.5°	1436.7	1521.7	1607.2	1532.5	1457.6	1382.9	1308.0	1233.3	1158.6	1083.7	1009.1
110°	1620.4	1687.3	1755.2	1704.8	1654.7	1604.4	1554.3	1504.0	1454.0	1403.9	1353.9



TEST NUMBER: P1444616  
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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°	1619.1	1667.6	1717.1	1687.6	1658.3	1628.7	1599.4	1570.0	1540.9	1511.3	1482.4
115°	1479.7	1508.1	1537.8	1525.9	1514.4	1502.6	1490.9	1479.4	1467.8	1456.1	1444.9
117.5°	1305.3	1318.6	1333.4	1331.1	1329.0	1326.7	1324.7	1322.4	1320.6	1318.5	1316.5
120°	1123.0	1125.5	1129.6	1130.9	1132.5	1133.8	1135.4	1136.8	1138.4	1139.9	1141.7
122.5°	969.2	964.9	962.3	963.7	965.0	966.2	967.6	968.8	970.3	971.8	973.3
125°	859.0	851.6	846.4	844.3	842.3	840.1	838.0	836.0	834.1	832.1	830.2
127.5°	778.6	770.6	764.9	760.2	755.5	750.7	745.9	741.2	736.6	731.8	727.4
130°	722.0	714.4	709.2	703.2	697.5	691.3	685.5	679.6	673.6	667.8	661.9
132.5°	681.0	673.6	668.9	663.3	657.8	651.9	646.3	640.5	634.8	629.0	623.5
135°	654.0	647.4	643.7	638.4	633.6	628.3	623.1	617.8	612.7	607.2	602.4
137.5°	630.1	623.7	620.7	616.5	612.5	608.3	604.4	599.9	595.9	591.3	587.4
140°	609.9	603.2	599.8	597.5	595.3	592.7	590.4	587.9	585.6	583.3	580.7
142.5°	594.2	587.8	584.9	583.5	582.2	580.4	579.2	577.7	576.2	574.2	572.8
145°	578.2	571.0	567.8	567.5	567.6	567.4	567.2	567.1	566.9	566.5	566.3
147.5°	567.0	559.6	556.6	556.9	557.1	557.2	557.6	557.7	558.1	558.3	558.6
150°	554.5	546.1	542.5	543.3	543.8	544.5	545.1	545.7	546.4	547.0	547.6
152.5°	543.8	534.1	529.9	530.6	531.5	532.1	532.9	533.8	534.7	535.4	536.2
155°	534.9	524.2	519.9	520.0	520.4	520.6	521.0	521.5	522.0	522.4	523.0
157.5°	529.4	518.4	514.2	513.9	514.1	514.1	514.3	514.5	514.8	515.0	515.6
160°	525.8	514.9	510.9	510.6	510.7	510.7	510.7	510.8	511.1	511.3	511.7
162.5°	522.5	511.8	507.9	507.5	507.4	507.4	507.5	507.4	507.6	507.6	508.1
165°	519.9	510.7	507.2	507.2	507.4	507.4	507.6	507.9	508.3	508.5	509.0
167.5°	522.1	513.8	511.2	510.8	510.4	510.0	510.0	509.5	509.5	509.2	509.2
170°	521.1	514.5	512.2	512.1	512.4	512.4	512.3	512.5	512.5	512.5	512.7
172.5°	520.9	516.1	514.3	514.6	515.1	515.4	515.9	516.3	516.8	517.2	517.7
175°	521.6	518.6	518.0	517.9	518.2	518.3	518.6	518.8	519.1	519.3	519.9
177.5°	524.1	523.2	522.7	522.7	522.7	522.7	522.7	522.7	522.7	522.9	522.9
180°	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5



TEST NUMBER: P1444616  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4
2.5°	35392.9	35434.1	35431.0	35469.5	35467.6	35503.9	35496.6	35527.9	35520.9	35547.6	35531.9
5°	36553.8	36632.3	36658.2	36729.1	36743.7	36807.2	36808.4	36858.8	36852.6	36892.1	36871.1
7.5°	37652.1	37725.4	37760.1	37815.2	37842.6	37888.2	37906.0	37943.5	37952.5	37974.6	37973.9
10°	37744.7	37744.4	37761.6	37754.0	37769.3	37760.5	37779.2	37772.4	37800.1	37793.1	37814.0
12.5°	36497.6	36373.9	36328.7	36217.5	36193.2	36097.8	36104.5	36043.3	36072.9	36035.3	36099.3
15°	33817.4	33530.3	33388.4	33138.7	33060.4	32863.1	32847.1	32716.1	32751.4	32682.9	32783.1
17.5°	29856.6	29404.7	29156.6	28792.1	28647.3	28368.3	28312.3	28143.7	28169.8	28084.8	28205.8
20°	25134.4	24588.2	24275.3	23853.7	23665.7	23333.0	23244.8	23056.0	23079.7	22995.1	23132.1
22.5°	20358.4	19786.6	19433.4	18991.6	18751.4	18438.5	18344.6	18155.1	18165.9	18086.4	18218.1
25°	15969.4	15421.2	15078.4	14676.9	14468.6	14181.7	14083.0	13912.8	13922.4	13857.0	13975.2
27.5°	12353.4	11903.6	11616.8	11280.4	11093.6	10857.7	10761.5	10618.4	10618.0	10570.0	10668.7
30°	9653.5	9278.2	9020.7	8727.6	8552.2	8339.4	8246.5	8118.4	8112.8	8078.7	8157.2
32.5°	7558.5	7224.7	6989.7	6731.9	6574.4	6391.8	6303.9	6200.8	6191.5	6160.7	6225.1
35°	5875.8	5594.7	5392.6	5175.5	5191.5	4922.1	4966.9	4757.6	4700.9	4688.5	4736.4
37.5°	4541.3	4323.6	4159.5	3996.9	3886.8	3772.8	3711.5	3656.5	3650.2	3644.9	3678.5
40°	3554.6	3402.2	3282.9	3171.3	3095.6	3026.0	2987.7	2957.4	2950.3	2946.2	2966.6
42.5°	2876.9	2774.1	2697.1	2629.1	2583.0	2545.3	2524.2	2507.4	2501.8	2502.0	2513.9
45°	2430.6	2368.3	2318.7	2276.3	2247.0	2259.8	2221.8	2241.8	2215.4	2242.6	2224.7
47.5°	2140.5	2087.4	2056.7	2026.7	2009.0	1994.6	1995.1	1995.4	2001.0	2001.9	2007.8
50°	1916.6	1885.9	1864.6	1845.4	1836.2	1828.6	1831.3	1833.2	1838.6	1839.0	1843.3
52.5°	1750.9	1730.8	1717.9	1706.0	1701.9	1697.6	1699.4	1698.7	1701.1	1699.8	1703.3
55°	1616.1	1606.6	1602.6	1598.2	1598.8	1597.7	1598.4	1594.1	1591.5	1588.2	1591.3
57.5°	1505.4	1504.2	1506.9	1508.8	1513.8	1515.7	1516.8	1511.8	1507.2	1502.9	1505.3
60°	1420.3	1422.3	1429.1	1434.5	1441.8	1445.2	1447.3	1444.4	1441.1	1437.6	1439.6
62.5°	1336.2	1339.4	1347.5	1353.6	1362.4	1367.0	1372.0	1372.3	1373.6	1372.3	1373.7
65°	1238.6	1242.6	1249.9	1255.0	1263.1	1267.1	1272.3	1273.3	1276.2	1275.5	1277.9
67.5°	1164.4	1168.0	1174.1	1178.9	1186.2	1190.4	1194.9	1195.2	1196.2	1196.0	1198.3
70°	1085.2	1087.0	1092.5	1096.5	1103.8	1108.1	1113.3	1114.9	1118.1	1118.6	1121.3
72.5°	1000.8	1000.1	1003.4	1005.2	1010.7	1014.0	1020.7	1024.3	1029.7	1031.2	1033.2
75°	909.0	908.2	912.1	913.7	918.3	921.8	929.1	934.0	942.4	945.9	945.1
77.5°	802.6	804.5	811.8	815.8	822.1	826.3	836.0	843.7	859.1	865.9	859.0
80°	683.7	685.6	693.2	696.9	705.2	710.4	721.2	730.1	744.1	747.1	743.2
82.5°	537.5	538.1	544.8	547.7	558.3	566.0	579.7	586.8	595.5	594.2	593.1
85°	366.5	371.5	379.9	388.4	401.4	413.9	426.8	437.4	429.9	441.7	428.5
87.5°	195.9	195.4	206.8	205.0	223.2	233.8	245.0	250.3	256.3	255.1	255.2
90°	65.8	62.4	61.9	58.2	58.5	54.5	55.9	52.2	54.1	49.6	56.3
92.5°	69.1	66.1	63.0	60.0	56.9	53.8	50.7	47.6	44.6	41.6	44.6
95°	84.4	81.5	78.8	75.8	73.0	70.2	67.4	64.5	61.8	58.9	62.5
97.5°	104.0	102.4	100.7	99.1	97.4	95.8	94.1	92.5	90.7	89.0	91.4
100°	117.4	117.4	117.4	117.4	117.2	117.2	117.2	117.2	117.2	117.2	119.1
102.5°	223.8	218.4	213.0	207.4	202.0	196.5	191.1	185.7	180.2	174.8	182.8
105°	503.8	482.7	461.4	440.3	418.9	397.8	376.6	355.5	334.3	313.2	335.1
107.5°	934.5	895.7	857.1	818.5	779.8	741.3	702.7	664.1	625.6	587.0	621.6
110°	1303.7	1262.6	1221.6	1180.6	1139.6	1098.6	1057.7	1016.8	975.9	934.9	967.8



TEST NUMBER: P1444616  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	1453.1	1426.4	1399.9	1373.5	1347.0	1320.6	1294.2	1267.8	1241.5	1215.2	1231.2
115°	1433.3	1420.7	1408.0	1395.3	1382.8	1370.1	1357.5	1345.0	1332.6	1320.1	1321.1
117.5°	1314.6	1310.2	1305.9	1301.7	1297.4	1293.3	1289.1	1285.2	1281.0	1277.2	1268.2
120°	1143.6	1144.6	1145.8	1147.1	1148.6	1150.1	1151.3	1152.9	1154.6	1156.2	1144.3
122.5°	974.9	977.8	980.8	983.9	987.1	990.3	993.7	997.2	1000.7	1004.3	992.3
125°	828.3	831.1	834.1	837.0	839.9	843.3	846.6	850.2	853.5	857.2	847.1
127.5°	722.8	723.6	724.4	725.5	726.5	727.9	729.3	730.7	732.4	734.3	727.9
130°	656.0	654.7	653.3	652.2	651.0	650.3	649.5	648.8	648.2	647.8	645.1
132.5°	617.7	614.9	612.2	609.4	606.9	604.6	602.2	600.3	598.3	596.5	595.7
135°	596.9	593.2	589.5	585.9	582.3	579.2	575.8	573.1	570.1	567.4	568.0
137.5°	583.2	579.5	575.7	572.3	568.6	565.6	562.3	559.2	556.5	553.8	554.9
140°	578.3	574.5	570.8	567.4	564.0	560.8	557.5	554.8	551.6	549.2	549.9
142.5°	571.2	568.1	564.5	561.5	558.2	555.3	552.5	550.0	547.0	544.9	545.7
145°	566.0	563.6	561.1	558.6	556.4	554.4	552.0	550.2	548.3	546.8	547.1
147.5°	558.6	557.0	554.9	553.2	551.4	549.9	548.2	546.9	545.5	544.4	544.5
150°	548.3	547.1	545.9	544.8	543.6	542.6	541.6	540.7	539.9	539.2	539.1
152.5°	537.1	536.1	534.9	534.0	533.0	532.1	531.2	530.5	529.7	529.1	529.0
155°	523.5	523.0	522.5	522.3	521.8	521.7	521.2	521.2	520.8	520.7	520.8
157.5°	515.8	515.8	515.5	515.7	515.6	515.6	515.5	515.8	515.6	516.0	516.2
160°	512.2	511.9	511.6	511.6	511.3	511.1	511.0	511.0	510.9	510.8	511.3
162.5°	508.3	508.7	508.8	509.0	509.4	509.7	510.1	510.6	510.9	511.4	511.8
165°	509.5	509.5	509.3	509.2	509.4	509.4	509.4	509.8	509.7	510.1	510.7
167.5°	509.1	509.4	509.6	509.9	510.2	510.8	511.1	511.7	512.3	512.9	513.4
170°	512.7	512.7	512.7	512.7	512.7	512.9	513.0	513.1	513.3	513.7	514.0
172.5°	518.0	518.0	517.8	518.0	517.8	518.0	518.0	518.2	518.2	518.3	518.4
175°	519.8	520.3	520.6	520.9	521.0	521.3	521.5	521.7	522.0	522.3	522.3
177.5°	522.9	523.0	523.0	523.0	523.0	523.1	523.1	523.1	523.1	523.0	523.2
180°	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5



TEST NUMBER: P1444616  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4
2.5°	35558.0	35540.2	35558.4	35539.9	35558.4	35536.3	35551.3	35527.3	35533.4	35508.6	35515.0
5°	36902.5	36874.1	36889.3	36852.4	36856.3	36807.2	36806.2	36748.9	36733.9	36668.7	36640.0
7.5°	37989.7	37980.5	37985.7	37961.9	37959.3	37925.7	37909.7	37862.2	37832.5	37772.4	37731.5
10°	37817.6	37845.3	37852.5	37880.8	37886.6	37914.6	37920.5	37948.5	37954.3	37975.0	37975.3
12.5°	36096.4	36190.5	36213.0	36329.2	36378.1	36511.2	36582.5	36729.1	36816.1	36962.3	37052.0
15°	32780.3	32943.2	33008.1	33235.1	33360.6	33625.7	33792.1	34096.5	34311.2	34634.4	34864.8
17.5°	28216.5	28444.0	28546.7	28854.5	29055.3	29446.4	29728.4	30192.4	30547.6	31063.2	31471.9
20°	23155.5	23408.4	23547.8	23898.9	24136.0	24592.9	24944.9	25515.1	25990.5	26643.9	27202.6
22.5°	18259.4	18500.0	18654.8	19012.1	19278.9	19755.5	20148.9	20750.6	21283.4	22019.6	22689.6
25°	14019.8	14240.3	14380.2	14703.3	14953.9	15391.9	15767.5	16346.3	16867.6	17606.1	18293.0
27.5°	10717.9	10902.6	11037.5	11313.0	11534.0	11905.5	12228.1	12706.5	13155.6	13794.5	14406.2
30°	8205.5	8369.2	8500.4	8740.4	8945.3	9267.3	9551.0	9952.8	10324.5	10832.9	11319.5
32.5°	6270.4	6411.3	6528.2	6738.2	6924.2	7214.1	7469.7	7821.9	8140.9	8572.1	8972.5
35°	4780.9	5058.2	5038.6	5328.4	5374.9	5583.1	5811.1	6119.0	6401.6	6768.2	7108.9
37.5°	3710.8	3788.7	3872.3	4000.4	4135.0	4324.3	4516.9	4893.2	5031.2	5308.3	5590.3
40°	2992.3	3045.1	3100.3	3186.8	3281.0	3414.4	3554.8	3734.2	3918.1	4142.8	4372.2
42.5°	2529.8	2559.6	2594.7	2645.6	2703.6	2788.3	2882.1	3003.8	3131.7	3289.8	3451.2
45°	2260.2	2246.1	2256.5	2283.8	2318.8	2370.2	2429.5	2504.8	2588.1	2690.6	2799.6
47.5°	2009.0	2014.7	2017.8	2032.6	2051.3	2085.9	2121.7	2172.9	2271.7	2301.8	2361.2
50°	1843.0	1845.7	1844.8	1852.4	1861.8	1884.2	1907.5	1942.2	1976.7	2022.6	2066.3
52.5°	1703.9	1707.7	1707.2	1712.2	1717.2	1731.5	1746.1	1770.6	1793.2	1822.4	1847.6
55°	1593.9	1599.3	1601.4	1605.5	1608.1	1615.5	1621.3	1633.0	1642.7	1659.2	1674.4
57.5°	1509.5	1516.8	1520.2	1521.6	1518.6	1518.2	1516.2	1518.8	1520.7	1529.6	1538.1
60°	1443.0	1448.9	1449.7	1448.9	1443.4	1439.5	1433.2	1431.3	1430.3	1434.5	1439.2
62.5°	1373.4	1375.5	1374.0	1372.3	1366.1	1362.3	1355.8	1353.5	1351.2	1354.3	1356.7
65°	1277.1	1278.9	1277.1	1276.0	1270.4	1267.4	1261.9	1260.2	1257.0	1257.8	1257.3
67.5°	1198.9	1200.6	1199.3	1197.8	1193.9	1192.1	1188.1	1185.4	1181.7	1180.2	1177.7
70°	1120.9	1122.4	1120.1	1118.6	1114.2	1112.5	1108.8	1108.0	1105.0	1104.4	1101.3
72.5°	1031.2	1031.3	1028.2	1027.3	1024.0	1023.9	1022.4	1023.8	1023.6	1025.2	1024.5
75°	939.5	938.2	934.2	933.6	931.1	932.3	930.6	932.8	933.1	936.4	936.8
77.5°	847.5	842.7	835.3	831.8	826.9	826.2	823.3	825.3	824.6	828.6	830.1
80°	731.5	725.6	716.1	711.6	705.7	704.8	702.1	704.8	703.5	708.0	711.3
82.5°	584.0	579.0	569.0	565.4	558.6	559.3	556.4	559.3	558.9	565.6	569.5
85°	432.0	428.6	418.5	409.4	399.4	393.6	387.9	386.8	385.2	387.9	390.2
87.5°	249.5	246.4	238.4	233.2	215.7	216.4	209.5	209.1	207.5	205.9	209.5
90°	56.2	61.9	62.1	67.4	68.1	74.1	75.1	80.8	81.5	87.5	89.0
92.5°	47.6	50.7	53.7	56.9	59.9	63.0	66.0	69.1	75.6	81.9	88.8
95°	66.0	69.5	73.1	76.5	80.1	83.6	87.1	90.7	100.3	109.9	119.5
97.5°	93.9	96.1	98.4	100.8	103.1	105.5	107.9	110.2	120.7	131.1	141.4
100°	120.9	122.8	124.7	126.6	128.5	130.3	132.2	134.1	154.3	174.3	194.3
102.5°	190.9	198.8	206.9	214.8	223.1	231.0	239.1	247.0	293.0	338.9	384.8
105°	356.9	378.8	400.8	422.6	444.5	466.4	488.3	510.2	583.8	657.1	730.7
107.5°	656.2	690.7	725.3	759.9	794.5	829.1	863.7	898.5	970.1	1041.9	1113.5
110°	1000.7	1033.7	1066.7	1099.8	1132.7	1165.8	1198.8	1232.0	1275.0	1318.0	1360.9



TEST NUMBER: P1444616  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	1247.3	1263.2	1279.4	1295.5	1311.6	1327.8	1344.0	1360.3	1381.9	1403.3	1424.9
115°	1322.0	1323.0	1324.2	1325.3	1326.5	1327.5	1328.9	1330.2	1337.1	1343.8	1350.7
117.5°	1259.4	1250.5	1241.9	1233.2	1224.5	1216.1	1207.5	1199.2	1197.8	1196.4	1195.2
120°	1132.7	1120.9	1109.1	1097.2	1085.7	1074.1	1062.8	1051.4	1045.6	1039.8	1034.1
122.5°	980.5	968.8	957.2	945.5	934.0	922.8	911.6	900.4	896.3	892.2	888.4
125°	837.2	827.5	817.7	808.2	798.9	789.5	780.3	771.1	771.0	770.7	770.8
127.5°	722.0	716.0	710.1	704.5	699.0	693.4	688.1	682.7	685.3	688.0	690.6
130°	642.4	639.9	637.6	635.0	633.2	631.0	629.0	627.0	631.8	636.0	640.8
132.5°	595.5	595.0	594.9	594.7	594.9	594.9	595.4	595.4	600.8	605.8	611.2
135°	568.6	569.3	570.5	571.5	573.0	574.1	575.7	576.9	582.1	586.9	592.1
137.5°	556.1	557.2	558.7	560.3	562.2	563.7	565.8	567.5	571.5	575.5	579.4
140°	551.0	551.7	553.1	554.4	555.9	557.1	558.9	560.4	563.8	566.8	570.0
142.5°	546.7	547.4	548.7	550.0	551.4	552.5	554.1	555.4	557.7	560.0	562.6
145°	548.0	548.5	549.6	550.4	551.5	552.4	553.6	554.6	556.2	557.5	559.1
147.5°	545.1	545.5	546.0	546.7	547.5	548.1	548.8	549.5	550.6	551.5	552.5
150°	539.4	539.5	539.9	540.0	540.5	540.9	541.4	541.8	542.6	543.5	544.4
152.5°	529.3	529.3	529.6	529.8	530.1	530.5	530.7	531.2	532.0	532.7	533.6
155°	521.2	521.8	522.3	522.7	523.4	523.6	524.2	524.6	525.2	525.8	526.4
157.5°	516.8	517.0	517.7	518.0	518.5	518.9	519.4	519.8	520.5	520.9	521.4
160°	512.1	512.7	513.3	514.2	514.9	515.5	516.3	517.0	517.6	518.0	518.4
162.5°	512.4	512.8	513.3	513.7	514.2	514.8	515.2	515.7	516.6	517.1	518.0
165°	511.5	512.1	512.9	513.4	514.3	515.0	515.7	516.4	516.8	517.4	517.8
167.5°	514.2	514.7	515.7	516.3	517.1	517.7	518.4	519.0	519.5	519.8	520.3
170°	514.7	515.3	516.0	516.6	517.3	517.8	518.5	519.0	519.7	520.2	521.0
172.5°	519.0	519.4	520.0	520.3	520.9	521.5	522.1	522.4	523.0	523.6	523.9
175°	522.3	522.3	522.4	522.6	522.7	522.7	522.8	523.1	523.2	523.4	523.5
177.5°	523.5	523.7	523.8	524.1	524.3	524.5	524.8	525.0	525.0	525.0	525.0
180°	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5



TEST NUMBER: P1444616  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4
2.5°	35490.1	35491.7	35463.0	35461.4	35434.6	35431.3	35405.1	35397.2	35376.0	35368.3	35346.7
5°	36566.9	36532.0	36451.4	36404.0	36324.4	36271.6	36185.5	36129.3	36046.1	35983.4	35899.7
7.5°	37655.8	37601.7	37511.3	37438.0	37327.5	37239.3	37110.0	37004.0	36864.0	36742.8	36595.8
10°	37975.3	37966.9	37943.8	37910.3	37858.9	37801.1	37713.1	37621.4	37498.6	37365.4	37201.8
12.5°	37189.4	37274.2	37389.9	37458.5	37542.0	37578.5	37612.7	37604.2	37581.7	37514.2	37419.7
15°	35198.7	35437.2	35752.9	35997.6	36279.1	36483.7	36709.6	36850.5	36990.8	37055.7	37095.4
17.5°	32031.9	32483.5	33049.6	33518.8	34060.1	34495.0	34971.6	35330.4	35699.3	35963.8	36202.9
20°	27964.3	28618.4	29419.1	30126.5	30949.0	31663.8	32447.1	33090.2	33753.3	34271.9	34762.6
22.5°	23552.2	24329.1	25297.2	26193.9	27254.3	28207.3	29282.4	30218.2	31195.3	32011.7	32800.8
25°	19213.7	20065.7	21124.2	22124.6	23325.6	24434.1	25709.3	26875.5	28138.4	29234.8	30317.9
27.5°	15251.9	16088.4	17169.1	18234.1	19504.0	20685.2	22051.5	23336.4	24774.3	26100.3	27456.8
30°	11995.8	12705.3	13674.3	14705.9	15958.3	17160.3	18541.3	19862.8	21358.8	22806.5	24334.5
32.5°	9503.9	10044.4	10806.2	11678.5	12834.2	13978.3	15293.4	16569.1	18042.2	19504.7	21093.7
35°	7547.8	7969.4	8550.2	9231.0	10209.6	11195.9	12359.0	13519.2	14893.5	16281.4	17825.9
37.5°	5951.9	6293.9	6748.8	7260.2	8045.2	8854.6	9808.3	10770.2	11964.3	13194.6	14594.3
40°	4647.7	4924.8	5278.9	5660.2	6252.9	6876.6	7614.2	8360.1	9319.5	10324.9	11483.4
42.5°	3651.2	3855.5	4105.6	4384.3	4937.3	5268.5	5768.6	6308.1	7013.5	7743.3	8614.3
45°	2932.2	3071.6	3245.1	3432.0	3688.7	3969.5	4312.1	4671.3	5341.3	5670.0	6199.7
47.5°	2448.7	2542.2	2652.6	2770.4	2921.8	3085.1	3288.3	3496.0	3764.7	4043.1	4369.5
50°	2123.1	2218.2	2256.1	2317.1	2404.7	2498.0	2612.6	2727.1	2871.2	3017.2	3185.2
52.5°	1881.4	1912.3	1953.6	1992.4	2046.7	2152.9	2187.2	2247.1	2327.9	2406.9	2495.2
55°	1696.8	1717.0	1743.7	1767.2	1800.0	1831.4	1876.6	1916.5	1970.4	2018.0	2076.6
57.5°	1553.1	1566.0	1584.6	1599.9	1621.2	1638.9	1665.5	1687.1	1718.0	1744.9	1780.5
60°	1448.8	1457.3	1469.8	1479.8	1493.4	1502.6	1515.8	1525.9	1542.3	1555.9	1575.8
62.5°	1363.5	1367.9	1376.1	1382.0	1390.5	1395.2	1402.3	1406.7	1415.7	1422.5	1433.6
65°	1261.1	1262.2	1267.7	1270.2	1277.0	1279.4	1285.1	1287.2	1294.6	1299.8	1309.5
67.5°	1177.4	1175.0	1175.2	1173.2	1174.1	1172.2	1172.6	1170.6	1173.6	1175.2	1182.6
70°	1100.8	1097.6	1096.5	1093.0	1092.0	1088.4	1087.3	1084.0	1083.6	1082.6	1085.2
72.5°	1026.3	1025.3	1025.6	1023.1	1022.8	1020.4	1020.5	1019.0	1020.7	1021.5	1024.8
75°	940.5	940.7	942.4	940.2	940.8	938.8	939.5	937.6	938.7	938.3	941.6
77.5°	836.1	838.6	843.1	842.2	843.7	841.3	842.3	839.7	840.4	838.6	839.8
80°	718.7	723.9	730.0	729.7	732.4	730.7	733.0	730.4	731.5	728.4	727.6
82.5°	579.3	583.8	590.3	590.5	596.2	597.2	603.6	603.4	607.4	604.8	603.0
85°	396.1	399.0	404.8	407.9	413.7	417.4	423.6	426.0	421.6	429.6	423.3
87.5°	206.8	214.5	210.2	220.2	217.9	228.0	225.8	235.2	233.4	241.4	240.4
90°	96.3	98.4	106.0	108.4	117.3	120.5	123.1	119.2	121.4	117.8	120.2
92.5°	95.1	102.1	108.6	115.2	121.8	128.5	122.3	116.2	110.0	104.0	97.8
95°	129.2	138.9	148.5	158.1	167.8	177.4	167.1	156.8	146.5	136.1	125.7
97.5°	151.8	162.2	172.5	182.8	193.3	203.6	191.3	179.2	166.9	154.8	142.5
100°	214.2	234.5	254.4	274.4	294.5	314.5	291.8	268.9	246.4	223.6	200.7
102.5°	430.8	476.6	522.7	568.6	614.5	660.5	612.3	564.0	515.5	467.3	418.8
105°	804.3	877.8	951.2	1024.8	1098.3	1172.1	1093.6	1015.3	936.8	858.5	780.0
107.5°	1185.3	1256.8	1328.7	1400.3	1472.1	1544.0	1464.6	1385.0	1305.6	1226.0	1146.5
110°	1404.2	1447.3	1490.5	1533.6	1576.8	1620.1	1561.9	1504.0	1446.0	1388.0	1329.8



TEST NUMBER: P1444616  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	1446.3	1468.2	1489.6	1511.4	1532.9	1554.8	1513.3	1471.9	1430.3	1388.9	1347.4
115°	1357.7	1364.6	1371.6	1378.6	1385.4	1392.5	1364.5	1336.6	1308.7	1280.7	1252.6
117.5°	1194.1	1193.1	1191.7	1190.8	1189.4	1188.4	1172.8	1157.3	1141.5	1125.8	1110.1
120°	1028.3	1022.7	1017.0	1011.3	1005.5	999.7	993.2	986.7	979.8	973.2	966.5
122.5°	884.3	880.5	876.5	872.7	868.4	864.4	861.9	859.5	856.8	854.4	851.5
125°	770.7	770.5	770.4	770.4	770.1	770.0	768.6	767.5	766.1	764.9	763.4
127.5°	693.1	695.8	698.3	700.9	703.2	705.8	705.4	705.2	704.8	704.5	704.1
130°	645.1	649.9	654.2	658.5	662.6	667.4	666.5	665.8	665.1	664.4	663.6
132.5°	616.4	621.5	626.5	631.8	636.7	641.7	640.8	640.1	638.9	638.2	637.1
135°	596.9	601.8	606.5	611.6	616.1	620.9	619.6	618.6	617.3	616.4	615.1
137.5°	583.2	587.4	591.1	595.0	598.5	602.4	601.1	600.1	598.7	597.7	596.3
140°	573.0	576.2	579.0	582.2	585.0	588.1	586.5	585.1	583.5	582.1	580.4
142.5°	564.8	567.3	569.2	571.7	573.8	576.1	573.7	571.8	569.7	567.7	565.6
145°	560.6	562.3	563.6	565.1	566.2	567.8	565.2	562.9	560.3	558.0	555.5
147.5°	553.3	554.4	555.0	556.0	556.6	557.5	555.1	552.8	550.5	548.0	545.7
150°	545.0	546.0	546.6	547.4	548.1	548.9	546.3	544.0	541.4	539.0	536.5
152.5°	534.4	535.0	535.7	536.3	537.0	537.6	535.2	533.1	530.6	528.3	525.8
155°	526.7	527.4	527.6	528.2	528.3	528.7	526.5	524.8	522.8	520.8	518.6
157.5°	521.8	522.4	522.8	523.0	523.3	523.7	522.1	520.7	519.1	517.7	516.0
160°	518.8	519.2	519.6	519.9	520.3	520.4	519.1	518.1	516.8	515.4	513.9
162.5°	518.5	519.2	519.8	520.2	520.9	521.4	519.8	518.4	517.0	515.4	513.7
165°	518.2	518.5	518.9	519.3	519.4	519.8	518.7	517.9	516.7	515.7	514.6
167.5°	520.6	521.1	521.4	521.8	521.9	522.2	521.1	520.3	519.1	518.2	517.0
170°	521.3	521.9	522.5	522.9	523.4	523.7	523.0	522.2	521.2	520.4	519.4
172.5°	524.4	525.0	525.2	525.6	525.9	526.4	525.5	524.6	523.8	522.9	521.9
175°	523.5	523.6	523.8	523.8	523.8	523.9	523.3	522.6	521.9	521.2	520.4
177.5°	525.0	525.0	525.0	524.9	524.9	524.9	524.4	523.9	523.6	523.1	522.4
180°	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5



TEST NUMBER: P1444616  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4	35118.4
2.5°	35338.9	35323.6	35313.7	35301.1	35293.5	35283.6	35276.5	35270.4	35265.5	35260.9	35257.5
5°	35835.9	35756.9	35695.6	35629.2	35574.7	35520.3	35478.4	35443.7	35419.7	35401.7	35391.0
7.5°	36468.6	36324.0	36195.4	36060.0	35938.7	35819.4	35716.5	35627.9	35561.4	35518.3	35492.2
10°	37033.6	36840.1	36648.6	36447.1	36256.0	36070.7	35899.7	35749.2	35630.2	35551.0	35504.8
12.5°	37286.9	37122.0	36926.5	36707.6	36473.6	36236.6	36005.7	35797.5	35622.7	35505.4	35437.8
15°	37063.8	36996.0	36863.4	36693.6	36471.4	36226.5	35955.4	35700.5	35466.1	35314.1	35226.0
17.5°	36338.2	36432.7	36422.5	36357.6	36197.8	35991.7	35715.4	35429.2	35135.9	34932.8	34821.8
20°	35113.7	35410.7	35561.4	35638.7	35576.0	35442.4	35192.2	34901.6	34559.9	34294.7	34132.7
22.5°	33392.9	33917.3	34244.1	34483.3	34534.0	34488.5	34267.6	33991.3	33610.3	33291.4	33052.3
25°	31177.7	31946.1	32462.4	32867.4	33024.6	33065.3	32877.3	32602.5	32177.9	31806.4	31478.0
27.5°	28568.6	29566.9	30256.3	30800.4	31046.0	31152.5	30979.5	30699.1	30196.8	29753.3	29324.4
30°	25631.2	26815.5	27645.7	28298.1	28597.5	28738.1	28554.3	28241.5	27656.8	27123.3	26582.8
32.5°	22487.2	23783.2	24687.9	25396.3	25693.0	25825.4	25584.9	25233.6	24557.7	23929.1	23299.0
35°	19195.5	20503.6	21416.0	22105.6	22354.1	22434.0	22126.5	21720.3	20971.6	20281.7	19594.5
37.5°	15836.8	17053.8	17883.0	18501.9	18655.7	18669.5	18299.1	17850.5	17063.6	16383.2	15699.2
40°	12507.1	13533.4	14203.0	14698.3	14751.7	14704.0	14301.3	13849.8	13113.7	12504.2	11903.6
42.5°	9370.6	10145.5	10623.0	10962.5	10942.4	10848.3	10479.0	10090.8	9483.6	9019.4	8546.7
45°	6683.6	7194.5	7473.8	7672.4	7608.6	7518.9	7231.5	6959.5	6546.8	6247.0	5929.3
47.5°	4643.2	5253.2	5147.0	5535.4	5200.8	5421.8	4961.6	4707.9	4488.8	4329.5	4150.0
50°	3324.1	3463.9	3531.5	3577.6	3553.0	3519.1	3436.4	3362.5	3262.4	3189.6	3104.5
52.5°	2567.2	2637.0	2675.3	2703.0	2697.5	2685.2	2649.1	2616.2	2569.3	2538.5	2501.3
55°	2174.5	2175.6	2245.9	2215.7	2260.3	2208.1	2228.6	2170.7	2180.1	2130.4	2096.9
57.5°	1806.9	1835.6	1848.5	1860.9	1857.4	1855.2	1841.3	1834.2	1818.5	1813.7	1802.5
60°	1589.4	1604.4	1607.5	1613.3	1608.4	1606.6	1595.7	1591.8	1581.3	1579.3	1571.8
62.5°	1440.3	1448.0	1448.0	1448.0	1441.7	1435.7	1423.6	1417.2	1408.3	1406.3	1402.0
65°	1315.9	1323.8	1325.1	1326.8	1322.2	1317.5	1306.8	1299.9	1290.7	1287.2	1282.3
67.5°	1187.4	1195.8	1198.7	1203.0	1200.4	1199.5	1192.2	1189.4	1183.4	1181.9	1177.4
70°	1086.5	1090.0	1089.7	1089.6	1083.9	1078.8	1070.4	1066.4	1060.0	1058.7	1054.5
72.5°	1026.5	1029.0	1027.5	1025.2	1017.8	1010.3	1000.4	993.1	984.7	979.5	973.6
75°	942.0	945.3	943.2	941.8	935.1	930.2	922.3	918.2	912.3	910.7	906.6
77.5°	838.3	839.8	836.5	836.1	831.0	827.9	821.9	820.9	816.6	816.7	812.8
80°	722.9	722.0	716.5	715.5	710.4	709.1	704.4	704.7	701.2	702.7	700.0
82.5°	594.8	591.5	584.4	582.3	576.4	575.9	572.8	575.4	573.4	576.4	574.6
85°	426.2	427.2	424.0	424.0	422.4	422.9	422.6	424.5	424.8	427.7	427.6
87.5°	237.6	241.1	240.4	243.5	243.4	246.9	248.0	253.2	253.9	258.7	258.7
90°	116.5	119.3	115.6	118.6	117.0	121.3	120.5	124.9	123.6	127.2	124.7
92.5°	91.7	85.6	79.6	73.4	70.3	67.0	64.4	60.8	58.1	54.7	51.6
95°	115.4	105.1	94.7	84.4	80.8	77.2	73.7	70.1	66.7	63.2	59.6
97.5°	130.3	118.1	105.9	93.6	90.6	87.5	84.4	81.3	78.2	75.1	72.1
100°	177.9	155.1	132.3	109.4	106.9	104.2	101.7	99.1	96.5	93.7	91.2
102.5°	370.5	322.0	273.6	225.1	216.0	206.8	197.6	188.4	179.2	170.0	160.9
105°	701.5	623.0	544.6	466.0	441.0	416.1	391.2	366.2	341.2	316.3	291.4
107.5°	1066.9	987.1	907.5	827.8	781.9	735.8	689.7	643.4	597.5	551.3	505.1
110°	1271.8	1213.6	1155.5	1097.1	1060.2	1023.0	985.8	948.7	911.8	874.4	837.2



TEST NUMBER: P1444616  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1305.7	1264.1	1222.4	1180.6	1164.0	1147.0	1130.4	1113.5	1096.6	1079.6	1062.8
115°	1224.5	1196.4	1168.2	1139.9	1134.2	1128.1	1122.4	1116.3	1110.3	1104.2	1098.1
117.5°	1094.5	1078.5	1062.7	1046.9	1047.8	1048.8	1050.0	1050.7	1051.6	1052.3	1053.2
120°	959.7	952.9	946.2	939.4	944.7	949.6	954.9	959.7	964.6	969.3	974.1
122.5°	849.1	846.2	843.8	840.8	847.2	853.3	859.4	865.4	871.4	877.0	882.8
125°	762.2	760.8	759.5	757.8	764.2	770.4	776.6	782.5	788.5	794.2	799.9
127.5°	703.9	703.5	703.2	702.7	707.3	711.6	715.9	719.9	724.2	728.0	731.9
130°	662.8	662.1	661.5	660.6	664.7	668.5	672.7	676.2	680.0	683.3	686.8
132.5°	636.3	635.2	634.4	633.3	636.4	639.1	642.0	644.4	647.0	649.1	651.4
135°	614.0	612.6	611.7	610.3	613.0	615.7	618.3	620.6	623.0	624.8	626.9
137.5°	595.4	594.0	592.8	591.4	594.0	596.3	598.6	600.7	602.7	604.6	606.2
140°	579.2	577.5	576.1	574.4	576.6	578.7	580.7	582.5	584.5	585.8	587.4
142.5°	563.5	561.2	559.4	557.1	558.7	560.2	561.7	562.9	564.3	565.3	566.3
145°	553.0	550.4	548.1	545.6	546.8	547.9	549.2	550.3	551.1	551.7	552.7
147.5°	543.5	540.8	538.5	536.0	537.2	538.0	538.6	539.3	540.2	540.6	541.0
150°	534.0	531.2	528.8	526.2	526.9	527.6	528.1	528.9	529.4	529.8	530.2
152.5°	523.4	521.0	518.4	515.9	516.5	517.0	517.4	517.8	518.3	518.6	518.8
155°	516.8	514.6	512.6	510.2	510.9	511.2	511.5	511.9	512.1	512.4	512.5
157.5°	514.3	512.6	511.1	509.2	509.2	509.4	509.5	509.3	509.3	509.2	509.0
160°	512.7	511.2	509.7	508.2	508.1	508.2	508.3	507.9	508.0	507.6	507.4
162.5°	512.1	510.5	508.7	507.0	506.9	507.1	507.0	506.8	506.7	506.5	506.3
165°	513.6	512.3	511.1	509.7	509.6	509.3	509.2	508.6	508.4	507.8	507.4
167.5°	515.8	514.6	513.2	511.9	511.9	512.1	512.0	511.9	511.9	511.6	511.6
170°	518.5	517.5	516.6	515.5	515.2	515.1	514.8	514.5	514.1	513.9	513.5
172.5°	520.9	519.9	518.9	517.7	517.7	517.6	517.3	517.2	516.8	516.5	516.4
175°	519.6	518.9	518.0	517.3	517.2	517.1	516.9	516.8	516.5	516.4	516.1
177.5°	521.9	521.5	520.8	520.3	520.1	520.1	520.0	519.9	519.9	519.7	519.6
180°	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.5



TEST NUMBER: P1444616  
CATALOG NUMBER: EHBR1-42-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	35118.4	35118.4
2.5°	35254.4	35252.6
5°	35385.4	35383.3
7.5°	35485.1	35484.5
10°	35496.9	35503.0
12.5°	35426.1	35431.0
15°	35219.2	35228.9
17.5°	34823.8	34836.5
20°	34142.6	34155.8
22.5°	33039.4	33044.9
25°	31435.6	31412.8
27.5°	29249.0	29209.8
30°	26469.4	26431.4
32.5°	23155.3	23131.6
35°	19424.7	19409.7
37.5°	15497.0	15466.6
40°	11684.1	11595.3
42.5°	8339.8	8184.0
45°	5763.5	5578.9
47.5°	4023.5	3909.4
50°	3049.8	3012.9
52.5°	2485.0	2476.4
55°	2096.8	2092.9
57.5°	1804.9	1803.7
60°	1575.8	1575.4
62.5°	1404.9	1405.5
65°	1284.5	1284.7
67.5°	1178.5	1177.8
70°	1056.0	1055.2
72.5°	971.8	970.3
75°	906.6	905.8
77.5°	814.0	812.5
80°	701.7	700.0
82.5°	577.2	575.1
85°	430.5	430.6
87.5°	263.4	263.3
90°	128.0	124.9
92.5°	48.8	46.1
95°	56.1	52.6
97.5°	69.1	66.0
100°	88.5	85.9
102.5°	151.7	142.5
105°	266.5	241.5
107.5°	459.0	412.9
110°	800.1	762.9



TEST NUMBER: P1444616  
CATALOG NUMBER: EHBR1-42-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	1045.7	1028.8
115°	1091.7	1085.6
117.5°	1053.8	1054.3
120°	978.5	983.3
122.5°	888.2	893.7
125°	805.4	810.8
127.5°	735.4	738.9
130°	689.5	692.7
132.5°	653.2	655.0
135°	628.4	630.0
137.5°	607.4	608.9
140°	588.5	589.6
142.5°	567.1	567.8
145°	553.2	553.7
147.5°	540.9	541.3
150°	530.3	530.5
152.5°	518.8	519.1
155°	512.5	512.6
157.5°	508.7	508.5
160°	507.2	507.0
162.5°	505.9	505.7
165°	506.9	506.3
167.5°	511.2	511.1
170°	513.1	512.8
172.5°	516.0	515.7
175°	516.0	515.9
177.5°	519.6	519.3
180°	522.5	522.5

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



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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-4

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L850-N

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

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2506-472-4  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Photometer: SP1 - 76IN SPHERE  
 Measurement Geometry: 4π  
 Issue Date: 08/05/2025  
 Manufacturer: COOPER LIGHTING SOLUTIONS  
 Product Line: Metalux  
 Catalog Number: **EHBR-60-L850-N**  
 Description: Elevate Round Highbay at, 60000 lumens, 5000K 80CRI LEDs with N lens

**Spectral Parameters**

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

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



**Test Conditions**

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

REPORT NUMBER: SP1-2506-472-4

Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	10/22/2024	10/22/2025
Sphere Thermometer	ONSET IN0085	10/22/2024	10/22/2025
Room Thermometer	ONSET IN0046	10/22/2024	10/22/2025

REPORT NUMBER: SP1-2506-472-4

CIE 1931 Chromaticity Diagram



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



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

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-4

**Photopic Flux vs. Wavelength**



**Photopic Lumens: NR**

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

REPORT NUMBER: SP1-2506-472-4

**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.82**

$\lambda$ (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

**Melanopic Flux vs. Wavelength**



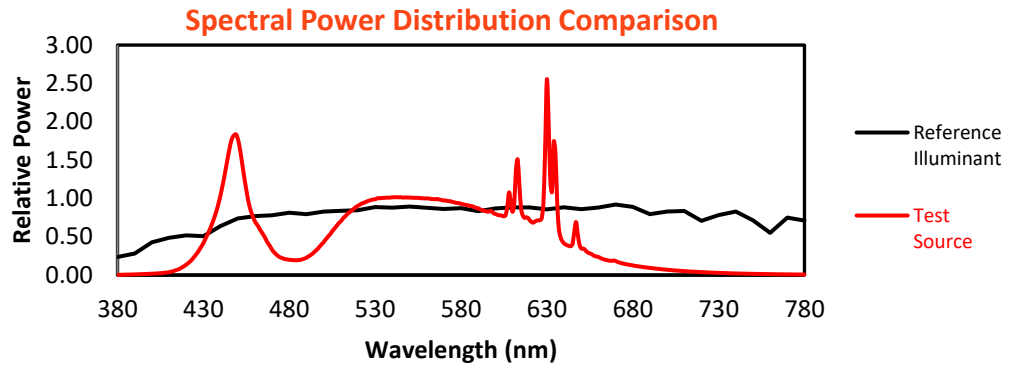
**Melanopic Lumens: NR**

**M/P: 3.71**

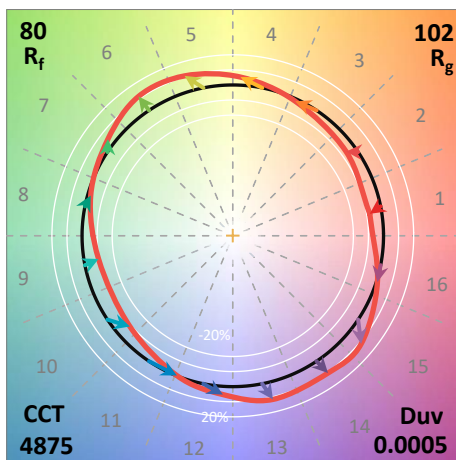
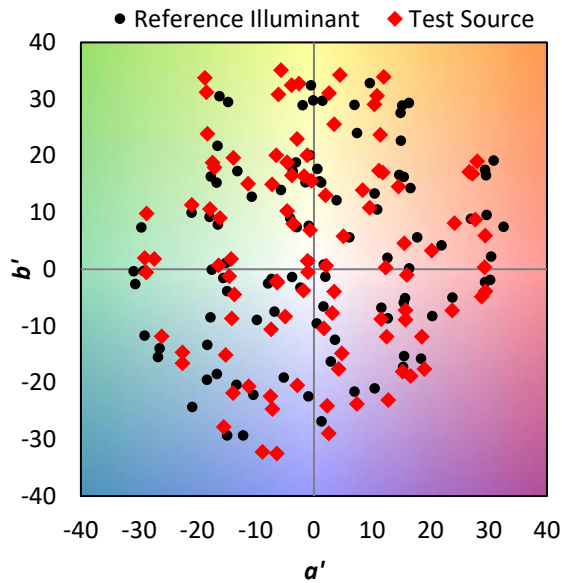
λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	89	NR	620	280	NR	750	6	NR	880	0	NR
365	0	NR	495	121	NR	625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

**Summary**

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

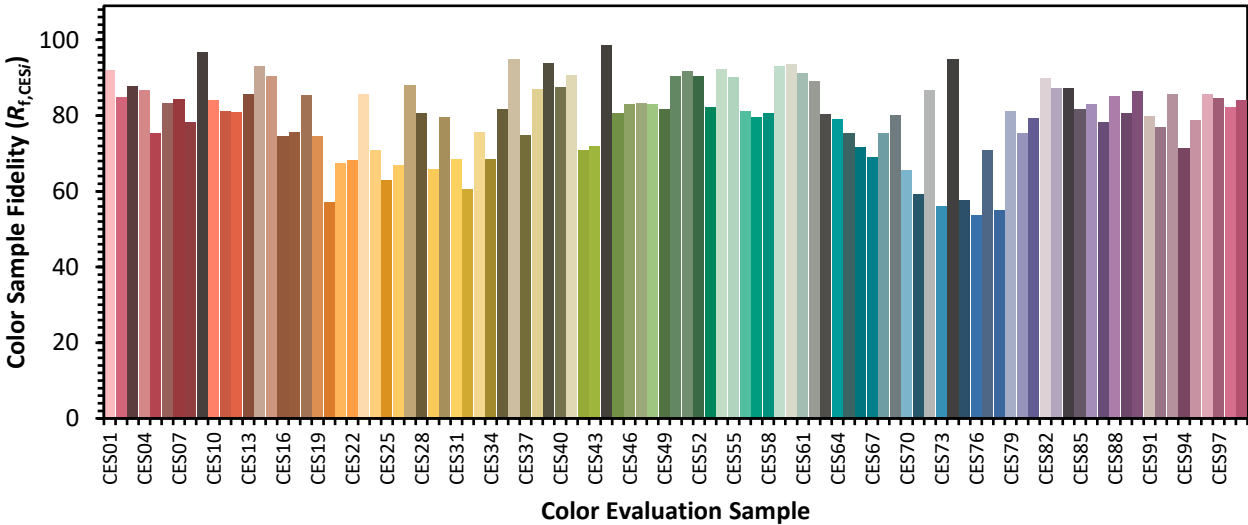


**Color Vector Graphics**

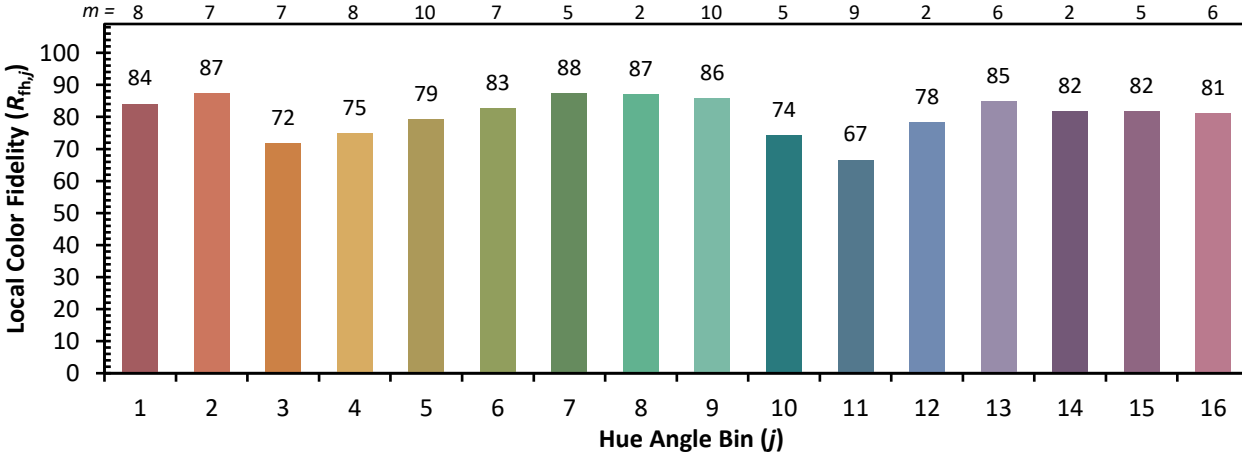


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

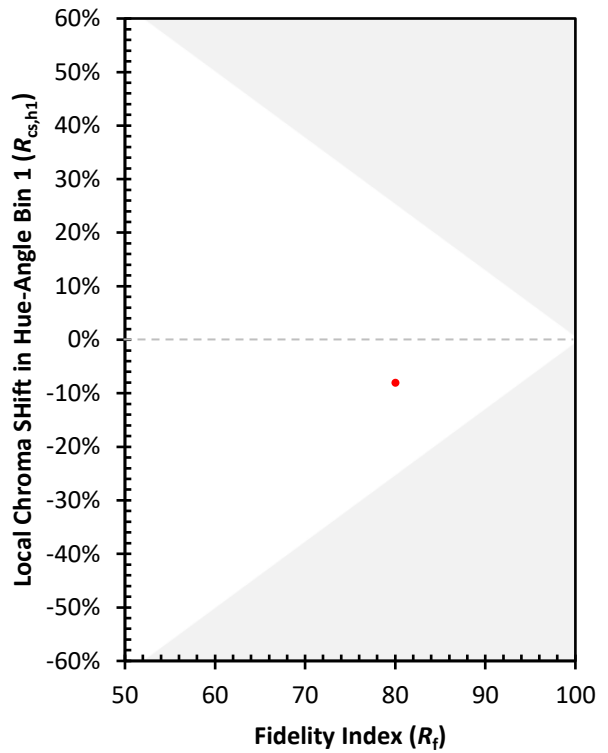
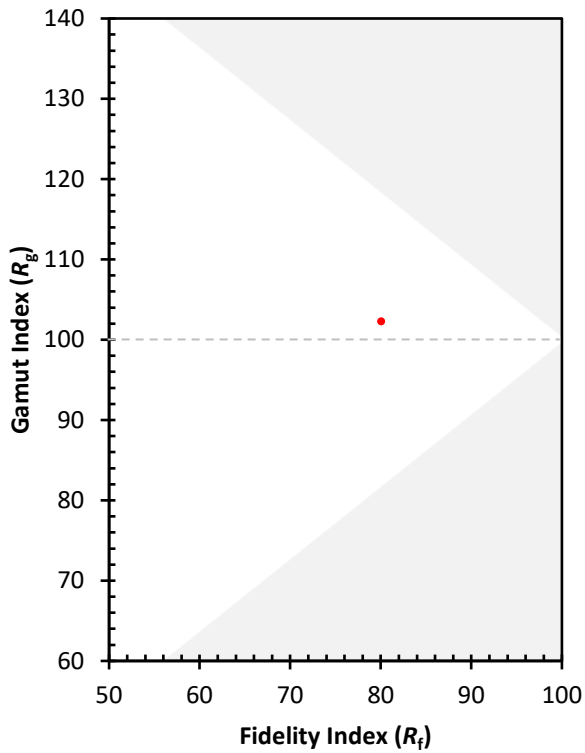
CES01 = 85	CES26 = 67	CES51 = 92	CES76 = 54
CES02 = 60	CES27 = 88	CES52 = 91	CES77 = 71
CES03 = 31	CES28 = 81	CES53 = 82	CES78 = 55
CES04 = 69	CES29 = 66	CES54 = 92	CES79 = 81
CES05 = 47	CES30 = 80	CES55 = 90	CES80 = 75
CES06 = 50	CES31 = 69	CES56 = 81	CES81 = 79
CES07 = 40	CES32 = 61	CES57 = 80	CES82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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)