

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: P1444400

Luminaire Tested: EHBR1-42-UNV-TA-L840-UPL18

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444400
REPORT IS A COMBINATION OF REPORTS P1444323 AND P1431635
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-42-UNV-TA-L840-UPL18
Description: Elevate Round Highbay at, 42000 lumens, 4000K 80CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

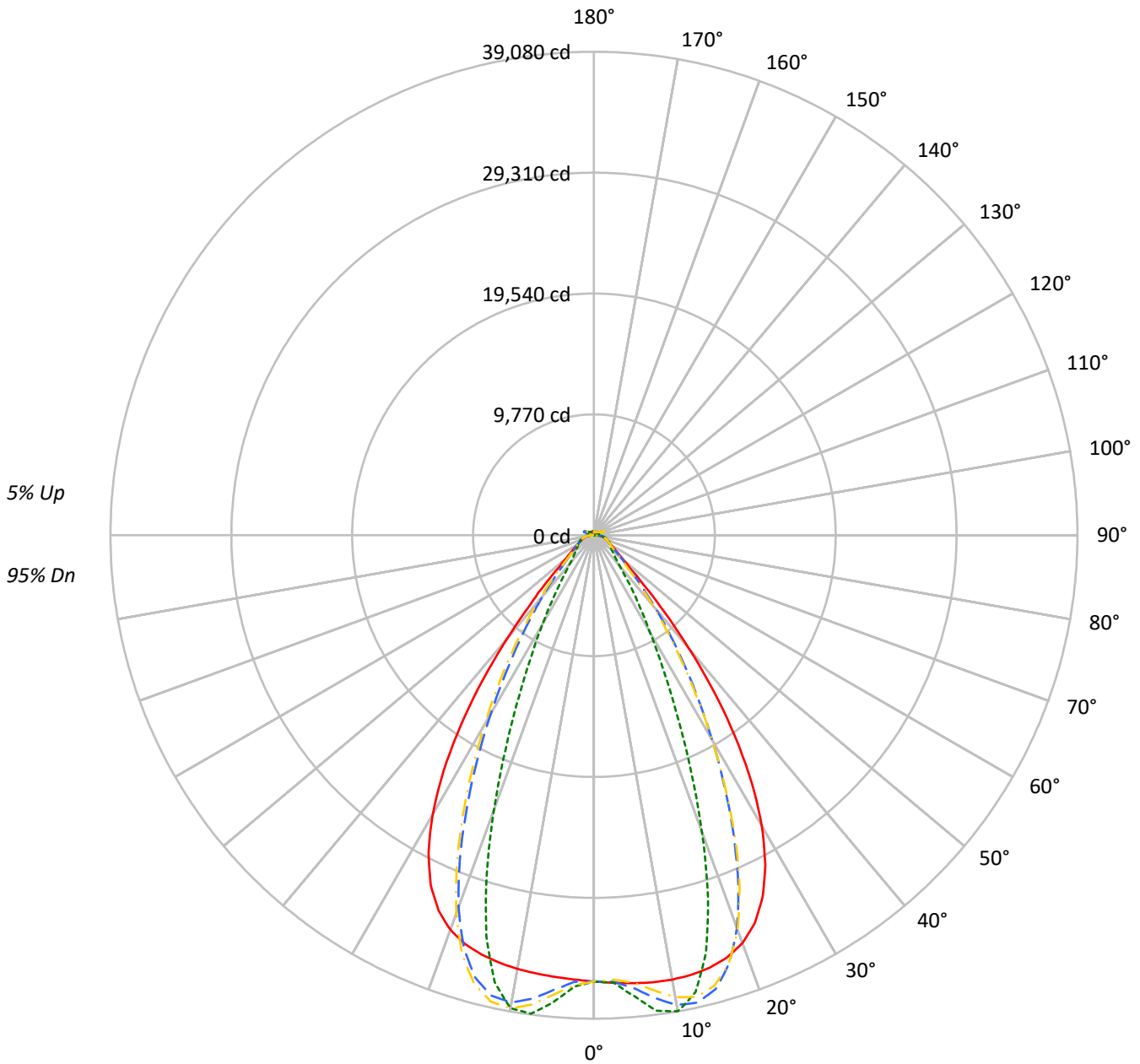
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 43626.1 lumens
Efficiency: N/A
Efficacy: 184.6 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): 236.3
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: P1444400
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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	118	118	118	118	115	115	115	115	108	108	108	103	103	103	98	98	98	98	98	98	95
1	111	107	104	101	108	105	102	99	100	97	95	95	93	92	91	89	88	88	88	88	86
2	104	98	93	89	101	96	91	88	92	88	85	88	85	82	84	82	80	80	80	80	78
3	98	90	84	79	95	88	83	79	85	80	77	82	78	75	79	76	73	73	73	73	71
4	92	83	77	72	90	82	76	71	79	74	70	76	72	68	74	70	67	67	67	67	65
5	87	77	70	65	84	76	69	65	73	68	64	71	66	63	69	65	62	62	62	62	60
6	82	72	65	60	80	70	64	60	68	63	59	66	62	58	65	60	57	57	57	57	55
7	77	67	60	55	75	66	59	55	64	58	54	62	57	54	61	56	53	53	53	53	51
8	73	63	56	51	72	62	55	51	60	55	50	59	54	50	57	53	49	49	49	49	48
9	69	59	52	48	68	58	52	48	57	51	47	55	50	47	54	50	46	46	46	46	45
10	66	55	49	45	65	55	49	44	53	48	44	52	47	44	51	47	43	43	43	43	42

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	169406	169406	169406	169406
5°	170226	175189	167844	177484
10°	171647	183936	167531	182719
15°	172489	166736	167238	160023
20°	170705	124213	165118	114926
25°	161580	78557	156240	71277
30°	141152	47207	135685	43143
35°	108631	29623	102383	26241
40°	68719	18581	62873	17461
45°	35419	14476	34832	14238
50°	20766	12876	20130	12675
55°	15909	12182	15320	12073
60°	13461	12444	12888	12284
65°	12644	12996	12159	12553
70°	12353	13609	11737	13095
75°	13208	14431	12495	13794
80°	13667	15981	12392	14587
85°	12869	15418	10402	13201

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 54204 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3555.2	8.1
10°-20°	10001.0	22.9
20°-30°	11390.4	26.1
30°-40°	8186.9	18.8
40°-50°	3775.8	8.7
50°-60°	1806.9	4.1
60°-70°	1318.4	3.0
70°-80°	1001.6	2.3
80°-90°	458.9	1.1
90°-100°	63.7	0.1
100°-110°	335.2	0.8
110°-120°	618.6	1.4
120°-130°	386.6	0.9
130°-140°	259.2	0.6
140°-150°	200.7	0.5
150°-160°	145.4	0.3
160°-170°	90.4	0.2
170°-180°	31.5	0.1
0°-30°	24946.5	57.2
0°-40°	33133.4	75.9
0°-60°	38716.0	88.7
0°-90°	41494.8	95.1
90°-120°	1017.5	2.3
90°-150°	1864.0	4.3
90°-180°	2131.0	4.9
0°-180°	43626.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	36074	36074	36074	36074	36074	
5°	36346	37406	35837	37896	36346	3473
15°	36187	34980	35086	33572	36187	10196
25°	32267	15688	31201	14234	32267	14628
35°	19938	5437	18791	4816	19938	12236
45°	5731	2342	5636	2304	5731	4874
55°	2150	1646	2070	1632	2150	1984
65°	1320	1356	1269	1310	1320	1318
75°	930	1017	880	972	930	967
85°	442	530	358	454	442	416
90°	114	146	28	36	114	72
95°	29	32	29	32	29	27
105°	124	157	85	158	124	163
115°	543	651	569	651	543	502
125°	420	428	474	430	420	382
135°	346	296	371	300	346	270
145°	321	302	340	308	321	203
155°	310	306	328	310	310	144
165°	317	314	328	316	317	90
175°	329	331	335	332	329	31
180°	334	334	334	334	334	



TEST NUMBER: P1444400
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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8
2.5°	36211.6	36208.7	36208.1	36205.5	36204.8	36204.8	36203.6	36200.7	36198.9	36194.7	36190.0
5°	36345.9	36344.3	36345.3	36345.5	36343.0	36337.3	36328.5	36317.7	36304.1	36291.2	36279.7
7.5°	36449.8	36452.3	36455.6	36454.9	36447.0	36433.8	36415.7	36405.5	36411.6	36431.3	36476.2
10°	36468.8	36484.3	36490.3	36488.5	36472.6	36461.3	36465.8	36503.9	36580.0	36681.5	36820.2
12.5°	36394.8	36413.8	36413.2	36406.8	36391.6	36407.1	36462.5	36576.2	36739.4	36939.5	37174.3
15°	36187.3	36211.8	36204.8	36196.8	36186.6	36237.5	36348.0	36545.7	36797.5	37079.7	37368.7
17.5°	35784.2	35813.8	35799.4	35790.1	35781.6	35877.0	36067.0	36356.4	36673.6	36992.9	37266.7
20°	35084.9	35104.8	35070.5	35054.3	35068.0	35255.0	35534.8	35904.4	36238.7	36540.6	36727.8
22.5°	33943.9	33968.6	33904.0	33896.5	33976.2	34263.5	34617.6	35030.7	35344.9	35584.1	35656.2
25°	32267.3	32291.6	32214.9	32260.8	32396.4	32787.7	33209.3	33651.2	33919.3	34096.5	34047.6
27.5°	30004.4	30026.6	29953.9	30047.5	30261.8	30776.0	31272.2	31751.5	31990.4	32114.7	31957.4
30°	27150.5	27196.6	27110.6	27241.3	27568.4	28236.0	28804.5	29342.0	29580.2	29674.8	29429.8
32.5°	23760.8	23826.4	23731.7	23926.0	24382.5	25184.3	25830.3	26430.9	26694.3	26802.2	26525.6
35°	19937.7	20031.9	19923.1	20214.9	20777.8	21670.8	22386.1	23056.6	23368.5	23521.5	23242.7
37.5°	15887.3	15977.0	15918.2	16307.4	16925.6	17851.1	18581.2	19304.6	19656.9	19886.5	19666.7
40°	11910.7	11992.9	12037.4	12482.4	13063.8	13936.2	14637.5	15353.1	15747.4	16035.4	15899.9
42.5°	8406.7	8489.4	8640.8	9070.2	9555.0	10277.2	10877.8	11520.4	11897.0	12204.4	12152.1
45°	5730.6	5826.8	6016.4	6368.0	6718.6	7236.6	7677.8	8177.5	8485.1	8766.7	8770.0
47.5°	4015.7	4083.2	4252.6	4492.8	4721.4	5369.9	5396.5	5642.1	5849.0	6059.3	6086.7
50°	3094.9	3135.5	3225.4	3359.2	3488.7	3657.0	3811.2	3989.2	4116.4	4231.8	4259.4
52.5°	2543.8	2569.6	2615.3	2687.8	2762.9	2854.5	2937.0	3034.7	3104.0	3165.7	3178.7
55°	2149.9	2171.3	2239.4	2253.1	2339.1	2355.7	2392.3	2451.8	2492.0	2529.1	2538.3
57.5°	1852.7	1868.3	1882.7	1913.6	1940.0	1978.5	2009.5	2052.2	2077.6	2104.4	2106.6
60°	1618.2	1629.4	1639.7	1661.1	1679.2	1705.9	1727.3	1756.4	1774.5	1794.6	1796.8
62.5°	1443.8	1451.7	1458.6	1472.7	1485.7	1506.2	1523.2	1547.4	1564.4	1579.9	1583.3
65°	1319.7	1325.5	1330.0	1340.7	1352.0	1369.4	1384.8	1404.6	1417.0	1428.9	1431.5
67.5°	1209.8	1215.4	1220.0	1229.7	1237.4	1250.6	1260.8	1275.7	1285.1	1294.5	1294.8
70°	1083.9	1089.1	1092.5	1101.6	1107.9	1119.2	1127.5	1140.8	1150.5	1161.0	1163.7
72.5°	996.7	999.7	1004.5	1012.7	1021.4	1033.4	1044.5	1058.4	1070.0	1081.0	1085.7
75°	930.4	934.0	937.1	944.1	950.2	960.4	968.6	981.4	991.4	1003.2	1009.0
77.5°	834.6	838.8	841.5	848.6	853.8	863.5	869.7	881.1	889.3	900.0	905.3
80°	719.0	722.8	724.8	731.4	735.6	744.5	750.6	761.5	768.5	779.1	785.4
82.5°	590.8	594.5	595.6	601.9	604.2	611.6	615.9	627.2	635.7	649.6	659.3
85°	442.3	443.8	445.9	444.3	453.2	453.7	463.9	465.8	479.2	482.6	497.8
87.5°	270.4	274.4	276.5	282.6	285.3	291.5	293.3	299.9	303.5	311.0	314.4
90°	113.5	119.7	121.7	128.8	130.7	137.2	138.6	145.8	147.8	155.3	158.0
92.5°	25.7	27.2	28.6	30.4	31.9	34.2	36.1	37.8	39.5	41.7	44.8
95°	28.9	30.6	32.3	34.0	35.7	37.5	39.3	41.0	42.7	44.4	49.3
97.5°	35.9	37.4	38.9	40.4	41.9	43.4	44.9	46.3	47.8	49.2	55.2
100°	46.1	47.4	48.6	49.9	51.2	52.5	53.7	55.0	56.2	57.5	68.5
102.5°	74.6	79.0	83.5	88.0	92.4	96.8	101.4	105.6	110.2	114.6	138.1
105°	123.8	135.9	148.2	160.2	172.4	184.6	196.9	208.7	220.9	233.0	271.3
107.5°	208.7	231.1	253.6	276.2	298.7	321.1	343.6	366.0	388.4	410.6	449.5
110°	381.2	399.2	417.3	435.3	453.3	471.4	489.5	507.2	525.4	543.2	571.6



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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°	513.0	520.9	529.1	537.2	545.4	553.2	561.4	569.4	577.6	585.4	605.6
115°	542.8	545.6	548.4	551.0	553.8	556.4	559.2	561.8	564.4	567.0	580.6
117.5°	530.0	529.3	528.7	528.1	527.2	526.5	525.7	524.8	523.9	523.1	530.6
120°	498.1	495.3	492.7	489.9	487.1	484.1	481.4	478.5	475.5	472.4	475.5
122.5°	457.4	454.2	451.0	447.5	444.3	440.6	437.4	433.6	430.2	426.7	427.5
125°	420.1	416.8	413.7	410.2	406.6	403.0	399.5	395.8	392.2	388.5	388.7
127.5°	388.5	386.1	383.8	381.0	378.4	375.5	372.8	369.8	367.2	364.0	363.8
130°	369.5	367.4	365.1	362.5	360.1	357.4	354.8	351.9	349.3	346.4	346.2
132.5°	354.8	353.3	351.4	349.5	347.5	345.1	343.2	340.6	338.5	336.3	336.0
135°	346.2	344.5	343.1	341.1	339.3	337.0	334.9	332.7	330.5	328.1	328.0
137.5°	339.3	337.8	336.3	334.5	332.8	330.4	328.5	326.3	324.3	322.0	321.8
140°	333.2	331.8	330.2	328.5	326.9	325.1	323.0	321.0	318.9	316.7	316.8
142.5°	325.5	324.2	323.2	321.6	320.3	318.4	316.8	314.8	313.2	311.3	311.6
145°	321.4	320.4	319.2	318.0	316.6	314.9	313.5	311.7	310.2	308.6	308.9
147.5°	317.7	316.8	316.1	314.9	313.9	312.4	311.1	309.5	308.1	306.7	307.2
150°	314.6	313.9	313.1	312.1	310.9	309.7	308.4	306.9	305.7	304.3	304.8
152.5°	311.0	310.1	309.4	308.4	307.3	305.8	304.9	303.6	302.3	301.1	301.4
155°	309.9	309.0	308.0	307.1	306.1	305.0	303.8	302.6	301.6	300.3	300.5
157.5°	310.3	309.4	308.7	307.6	307.0	305.9	305.0	303.9	303.0	302.1	302.1
160°	312.2	311.4	310.6	309.6	308.8	307.6	306.9	305.7	305.1	304.1	304.1
162.5°	314.2	313.3	312.6	311.7	310.9	309.8	309.0	308.2	307.4	306.4	306.5
165°	317.0	316.5	315.8	315.2	314.5	313.9	313.2	312.4	311.7	310.9	311.0
167.5°	322.0	321.3	320.8	320.0	319.2	318.4	317.7	316.9	316.4	315.5	315.6
170°	325.0	324.4	324.0	323.6	323.0	322.5	322.1	321.6	321.0	320.5	320.6
172.5°	327.9	327.4	327.1	326.9	326.3	326.1	325.7	325.3	325.0	324.5	324.9
175°	329.2	328.8	328.7	328.4	328.1	327.9	327.7	327.5	327.5	327.1	327.1
177.5°	331.7	331.6	331.6	331.5	331.5	331.3	331.2	330.9	330.8	330.8	330.9
180°	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7



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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°	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8
2.5°	36186.6	36182.1	36176.2	36168.5	36162.0	36154.4	36136.3	36131.0	36136.9	36141.0	36149.2
5°	36272.5	36275.1	36276.0	36292.4	36306.6	36342.1	36619.6	36729.9	36815.2	36869.4	36951.6
7.5°	36531.8	36615.2	36697.6	36808.6	36904.4	37033.6	37519.3	37725.9	37872.8	37978.5	38108.4
10°	36971.1	37153.2	37323.9	37523.9	37695.8	37892.8	38344.8	38546.1	38673.3	38765.8	38852.2
12.5°	37413.6	37666.2	37894.4	38117.0	38303.1	38473.8	38632.8	38703.2	38709.2	38712.2	38666.3
15°	37644.1	37885.5	38086.6	38233.8	38343.2	38391.5	38117.9	37974.3	37792.9	37643.5	37397.6
17.5°	37498.7	37643.5	37730.3	37721.8	37676.6	37525.2	36750.1	36323.7	35900.4	35519.0	35018.9
20°	36851.9	36840.8	36765.3	36551.3	36293.4	35892.3	34563.4	33796.7	33055.3	32404.2	31614.4
22.5°	35648.9	35459.5	35195.6	34734.1	34221.4	33520.7	31616.2	30488.4	29456.4	28544.8	27523.5
25°	33905.6	33516.2	33029.4	32296.8	31500.0	30478.0	28130.7	26727.9	25488.9	24414.2	23235.8
27.5°	31674.6	31088.0	30374.6	29360.6	28281.2	26971.9	24369.6	22821.4	21491.2	20339.0	19084.9
30°	29033.5	28270.5	27349.2	26090.7	24788.6	23303.8	20664.3	19096.2	17749.9	16564.7	15309.6
32.5°	26048.5	25155.0	24075.5	22662.9	21254.9	19728.1	17179.1	15661.3	14375.1	13234.9	12098.8
35°	22756.5	21798.2	20656.1	19215.4	17815.7	16331.4	13992.5	12623.9	11488.2	10480.3	9563.0
37.5°	19225.1	18284.2	17198.7	15840.8	14542.9	13197.8	11179.7	10032.9	9079.8	8243.2	7535.0
40°	15553.5	14730.1	13790.9	12616.9	11509.3	10389.1	8732.5	7822.2	7070.0	6432.0	5901.2
42.5°	11926.8	11288.7	10568.5	9640.8	8793.1	7940.2	6665.2	5990.6	5433.6	4974.4	4599.0
45°	8653.3	8226.5	7743.4	7098.4	6512.0	5917.0	5009.5	4535.6	4172.7	3876.6	3626.1
47.5°	6049.1	5801.4	5786.4	5190.4	4760.3	4396.5	3811.9	3512.5	3290.2	3110.7	2952.2
50°	4248.1	4128.3	3979.5	3766.8	3567.2	3361.6	3005.4	2824.4	2694.2	2585.5	2485.3
52.5°	3175.7	3113.6	3034.3	2921.5	2813.3	2697.7	2472.3	2357.0	2316.1	2214.9	2135.4
55°	2536.5	2500.9	2455.8	2389.5	2323.7	2297.4	2104.2	2018.6	1964.5	1924.6	1881.9
57.5°	2107.0	2080.4	2053.6	2008.7	1970.7	1924.6	1822.0	1778.2	1745.9	1722.4	1692.8
60°	1797.2	1781.3	1766.4	1740.0	1719.4	1694.6	1629.4	1604.7	1587.9	1573.7	1554.9
62.5°	1586.2	1578.1	1570.4	1556.3	1545.9	1532.4	1487.9	1476.0	1467.6	1460.4	1448.9
65°	1434.0	1428.1	1423.8	1414.5	1409.3	1401.4	1363.2	1355.1	1349.9	1347.3	1340.7
67.5°	1295.7	1289.5	1286.7	1280.0	1277.8	1272.9	1241.6	1237.2	1235.4	1236.2	1233.9
70°	1166.2	1163.7	1165.0	1164.0	1166.9	1167.8	1148.8	1148.6	1150.7	1154.7	1155.1
72.5°	1088.7	1088.7	1090.1	1090.8	1093.7	1095.0	1079.1	1078.4	1079.3	1082.3	1082.4
75°	1014.9	1016.1	1020.1	1021.4	1024.7	1025.4	1004.6	1002.1	1002.3	1005.1	1004.2
77.5°	912.7	917.2	924.7	928.8	935.1	936.4	912.9	910.2	910.3	913.1	910.7
80°	796.8	805.3	817.4	825.9	835.8	839.7	815.7	809.9	804.6	803.8	798.9
82.5°	673.7	684.0	698.5	706.2	716.7	719.1	678.9	671.3	666.7	667.2	662.7
85°	514.3	522.1	535.3	539.6	546.2	545.6	499.7	480.0	485.1	477.1	483.4
87.5°	322.6	327.1	335.4	336.5	339.6	338.9	292.6	283.5	280.9	281.0	277.7
90°	165.9	169.3	177.0	177.6	182.7	182.4	145.4	141.6	137.8	139.2	134.4
92.5°	48.2	51.3	54.6	57.8	61.1	64.4	63.4	65.3	62.5	58.9	56.3
95°	54.4	59.4	64.5	69.6	74.7	79.7	84.8	89.8	85.1	80.2	75.5
97.5°	61.1	67.2	73.0	78.9	84.9	90.9	96.9	102.8	97.8	92.5	87.5
100°	79.7	90.8	101.9	113.0	124.0	135.1	146.3	157.4	147.6	137.6	127.9
102.5°	161.5	185.3	208.9	232.4	255.9	279.6	303.4	327.1	304.5	281.9	259.4
105°	309.6	347.8	386.0	424.1	462.2	500.5	539.2	577.3	541.4	505.4	469.4
107.5°	488.3	527.0	565.5	604.3	643.0	681.8	721.1	759.9	724.8	689.4	654.3
110°	599.9	627.9	656.2	684.3	712.5	740.6	769.7	797.9	776.7	755.4	734.1



TEST NUMBER: P1444400
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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	625.5	645.7	665.7	685.6	705.6	725.7	746.9	767.1	756.3	745.2	734.8
115°	593.8	607.4	620.6	634.1	647.5	660.6	675.4	689.2	685.4	681.7	678.0
117.5°	537.8	545.2	552.4	559.8	566.9	574.1	583.3	590.9	591.0	591.3	591.5
120°	478.4	481.2	483.9	486.9	489.5	492.3	497.3	500.6	503.1	505.3	507.7
122.5°	428.3	429.1	429.8	430.5	431.2	431.9	435.3	436.6	437.9	439.4	440.9
125°	388.7	388.9	389.0	389.1	388.9	389.0	392.2	392.6	392.3	391.8	391.4
127.5°	363.3	362.9	362.5	362.1	361.3	361.0	363.6	363.8	362.1	360.3	358.5
130°	345.9	345.6	345.2	345.0	344.7	344.5	347.5	348.1	345.4	342.5	339.7
132.5°	335.7	335.5	335.1	335.2	334.9	334.6	338.0	338.6	335.8	332.5	329.4
135°	327.7	327.8	327.6	327.4	327.2	327.4	331.2	332.0	329.1	326.0	323.1
137.5°	321.5	321.6	321.4	321.4	321.2	321.3	325.6	326.5	324.1	321.5	319.1
140°	316.8	316.7	316.8	317.0	317.0	317.3	322.1	323.2	321.4	319.1	317.0
142.5°	311.6	312.0	312.4	312.9	313.2	313.8	319.1	320.7	319.1	317.4	316.0
145°	309.2	309.9	310.4	311.0	311.6	312.4	318.4	320.4	319.3	318.0	316.9
147.5°	307.2	307.8	308.2	308.9	309.5	310.5	316.8	318.7	318.1	317.2	316.3
150°	305.0	305.6	306.1	306.7	307.6	308.6	315.8	318.2	317.5	316.9	316.1
152.5°	301.7	302.2	302.6	303.3	303.8	304.7	313.7	316.3	315.8	315.1	314.6
155°	300.8	301.1	301.3	301.7	302.1	302.9	312.7	315.3	314.9	314.5	314.0
157.5°	302.2	302.2	302.2	302.4	302.7	303.0	313.4	316.3	315.8	315.4	315.0
160°	304.0	304.1	304.0	304.0	304.1	304.2	315.1	317.8	317.5	317.0	316.6
162.5°	306.5	306.9	306.9	307.0	307.1	307.5	318.3	321.5	320.9	320.4	319.9
165°	311.0	310.8	310.7	310.9	310.9	311.0	321.2	323.8	323.5	323.0	322.6
167.5°	315.4	315.6	315.6	315.7	315.7	316.1	325.5	328.0	327.7	327.2	326.9
170°	320.5	320.7	320.6	320.8	321.0	321.3	329.1	331.3	331.1	330.4	330.0
172.5°	324.9	325.2	325.4	325.6	325.7	326.1	332.8	334.8	334.5	334.2	333.7
175°	327.4	327.4	327.7	328.0	328.2	328.4	333.8	335.2	335.0	334.8	334.5
177.5°	331.2	331.2	331.4	331.7	331.9	332.1	335.4	336.2	336.1	336.1	336.0
180°	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7



TEST NUMBER: P1444400
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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8
2.5°	36151.2	36163.9	36165.7	36180.5	36179.3	36197.0	36194.1	36208.7	36200.2	36212.1	36202.1
5°	37000.2	37077.2	37117.5	37192.6	37216.4	37283.7	37302.6	37364.0	37366.5	37415.2	37404.1
7.5°	38200.6	38314.2	38381.6	38474.5	38521.5	38598.9	38633.0	38690.2	38708.7	38754.2	38757.6
10°	38917.5	38972.6	39011.1	39037.0	39060.7	39071.8	39084.7	39081.3	39084.7	39079.7	39090.8
12.5°	38635.5	38555.1	38501.8	38401.0	38342.6	38231.3	38176.6	38069.5	38030.6	37938.6	37925.4
15°	37207.6	36927.1	36728.9	36440.7	36259.5	35976.0	35810.1	35554.3	35437.5	35234.2	35180.8
17.5°	34604.9	34084.2	33681.3	33164.4	32805.7	32322.7	32018.9	31619.0	31400.1	31077.6	30966.0
20°	30955.9	30185.5	29581.2	28861.2	28345.9	27704.0	27293.0	26774.6	26473.7	26077.7	25917.2
22.5°	26672.0	25712.9	24958.0	24107.5	23485.8	22770.4	22278.0	21717.2	21389.8	20959.6	20769.1
25°	22256.5	21198.9	20359.7	19463.5	18806.7	18089.6	17597.1	17046.0	16707.3	16298.9	16109.5
27.5°	18033.6	16962.9	16151.9	15318.7	14716.2	14069.1	13624.7	13143.6	12843.0	12494.3	12316.3
30°	14306.8	13362.5	12672.4	11981.0	11479.7	10954.2	10584.9	10186.3	9922.5	9623.9	9454.2
32.5°	11270.6	10541.6	10001.2	9452.5	9042.4	8603.1	8284.1	7932.4	7694.2	7427.7	7274.0
35°	8926.2	8359.8	7928.7	7477.1	7124.6	6750.6	6469.4	6165.8	5952.2	5722.6	5590.0
37.5°	7052.6	6602.2	6247.5	5872.4	5582.9	5273.0	5168.6	4820.2	4598.8	4415.6	4288.8
40°	5534.9	5176.8	4883.3	4596.4	4360.3	4125.3	3936.6	3750.6	3607.6	3476.6	3385.9
42.5°	4322.4	4062.8	3848.5	3638.4	3466.1	3294.9	3158.3	3030.0	2933.8	2848.1	2789.7
45°	3436.0	3257.6	3108.6	2960.6	2839.1	2724.8	2632.8	2551.1	2488.8	2437.3	2400.9
47.5°	2822.8	2700.6	2595.6	2495.7	2413.1	2338.3	2276.7	2256.6	2189.7	2144.7	2127.6
50°	2399.0	2325.2	2245.4	2171.7	2116.7	2061.8	2021.8	1982.7	1957.7	1937.0	1930.6
52.5°	2082.7	2026.3	1981.9	1935.3	1898.8	1859.8	1832.2	1806.2	1792.4	1781.6	1780.3
55°	1847.5	1808.0	1778.7	1747.4	1725.6	1702.7	1688.5	1674.6	1668.6	1663.1	1663.5
57.5°	1669.6	1643.3	1624.1	1603.8	1592.0	1581.1	1577.5	1573.9	1575.9	1576.7	1579.7
60°	1539.8	1522.8	1510.8	1499.1	1494.1	1490.7	1493.3	1496.4	1502.7	1507.7	1512.4
62.5°	1440.5	1430.8	1424.9	1418.7	1418.0	1418.4	1423.7	1428.9	1436.8	1442.7	1447.1
65°	1338.2	1332.7	1330.8	1326.7	1328.8	1330.0	1336.4	1340.5	1348.3	1353.0	1358.6
67.5°	1234.9	1233.6	1234.8	1234.8	1238.4	1241.5	1247.6	1252.2	1258.8	1263.2	1267.7
70°	1158.6	1159.1	1162.0	1162.5	1166.3	1168.5	1173.9	1176.8	1182.7	1186.4	1191.8
72.5°	1084.4	1083.2	1083.9	1082.2	1083.5	1083.0	1085.9	1087.3	1092.4	1095.2	1101.9
75°	1005.4	1002.0	1001.2	997.6	997.8	995.2	996.4	996.3	999.6	1000.9	1005.8
77.5°	909.9	904.3	901.6	895.6	895.5	893.2	895.6	897.1	903.0	905.8	911.2
80°	795.7	786.9	782.9	775.9	777.1	776.7	782.7	787.0	794.3	795.6	802.6
82.5°	661.4	652.4	648.2	641.3	642.9	643.0	648.4	649.4	655.6	658.3	666.3
85°	473.5	477.1	467.6	468.2	466.2	469.9	473.5	478.1	483.3	492.0	498.6
87.5°	278.9	277.7	281.0	281.4	286.3	288.8	296.5	301.0	309.7	316.4	328.7
90°	134.2	129.4	131.6	129.8	134.0	132.3	136.2	133.7	138.5	138.7	145.1
92.5°	52.5	49.7	46.1	43.2	39.7	37.0	34.9	33.8	32.0	31.1	29.0
95°	70.7	66.1	61.3	56.6	52.0	47.2	45.5	43.8	42.1	40.4	38.5
97.5°	82.4	77.3	72.2	67.0	62.0	56.9	55.8	54.6	53.5	52.4	51.2
100°	118.0	108.2	98.4	88.6	78.8	69.0	68.1	67.2	66.3	65.4	64.4
102.5°	237.0	214.3	191.9	169.4	147.0	124.5	120.6	116.7	112.8	108.9	105.0
105°	433.4	397.2	361.3	325.4	289.5	253.5	242.8	231.9	221.2	210.5	199.9
107.5°	619.2	583.9	548.9	513.8	478.8	443.8	426.7	409.8	392.7	375.8	358.9
110°	712.8	691.6	670.6	649.2	628.2	607.1	590.9	574.7	558.4	542.1	526.1



TEST NUMBER: P1444400
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL18

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	723.9	713.2	702.2	691.7	681.0	670.3	662.4	654.3	646.5	638.5	630.4
115°	674.3	670.6	666.9	663.5	660.0	656.4	655.5	655.0	654.1	653.6	652.9
117.5°	591.6	592.0	592.1	592.4	592.8	593.2	597.1	601.0	605.1	609.2	613.6
120°	510.0	512.4	514.7	517.2	519.6	522.3	527.4	532.9	538.2	543.9	549.5
122.5°	442.2	443.7	445.0	446.6	448.1	449.7	454.8	460.1	465.2	470.7	476.4
125°	390.7	390.2	389.8	389.1	388.6	388.4	392.4	396.5	400.8	405.3	409.6
127.5°	356.6	354.6	352.6	350.9	348.9	347.3	349.3	351.5	353.8	356.2	358.6
130°	336.8	334.1	331.0	328.3	325.2	322.6	323.0	323.6	324.0	324.7	325.5
132.5°	326.2	323.0	319.8	316.5	313.1	310.1	309.4	308.7	307.9	307.5	307.2
135°	319.9	317.0	313.7	310.6	307.3	304.4	303.1	301.8	300.7	299.6	298.5
137.5°	316.5	314.0	311.4	308.9	306.1	303.6	301.9	300.5	298.9	297.9	296.4
140°	314.8	312.8	310.5	308.4	306.0	304.1	302.6	301.5	300.0	299.0	297.8
142.5°	314.1	312.5	310.7	309.2	307.3	305.7	304.3	303.1	301.8	300.8	299.6
145°	315.6	314.5	313.2	311.9	310.6	309.5	308.1	307.2	306.2	305.3	304.4
147.5°	315.4	314.5	313.7	312.7	311.6	310.7	309.8	309.3	308.1	307.6	306.8
150°	315.2	314.4	313.5	312.8	311.8	311.1	310.4	309.8	309.1	308.8	308.1
152.5°	313.7	312.9	312.2	311.5	310.6	309.9	309.3	308.9	308.2	307.8	307.2
155°	313.4	312.8	312.2	311.6	310.8	310.4	309.8	309.1	308.6	308.0	307.3
157.5°	314.5	313.9	313.3	312.9	312.1	311.6	311.0	310.5	309.8	309.4	308.8
160°	316.1	315.7	315.0	314.5	314.0	313.4	312.7	312.2	311.4	310.9	310.0
162.5°	319.1	318.4	317.9	317.3	316.5	316.0	315.4	314.8	314.3	313.8	313.1
165°	322.1	321.5	321.0	320.5	320.1	319.6	318.7	318.2	317.3	316.8	316.1
167.5°	326.4	326.0	325.5	325.1	324.4	323.9	323.4	322.8	322.1	321.5	320.6
170°	329.6	328.9	328.5	327.9	327.4	326.8	326.3	325.7	325.0	324.7	323.8
172.5°	333.3	333.0	332.5	332.1	331.5	331.1	330.8	330.2	329.7	329.2	328.7
175°	334.4	334.2	334.1	333.7	333.6	333.3	333.0	332.9	332.6	332.5	332.1
177.5°	336.0	335.8	335.8	335.6	335.4	335.4	335.2	335.1	334.8	334.5	334.4
180°	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7



TEST NUMBER: P1444400
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL18

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8
2.5°	36212.5	36203.3	36207.7	36190.7	36194.7	36174.3	36172.3	36149.2	36147.0	36125.2	36117.1
5°	37438.6	37418.5	37441.2	37405.7	37412.7	37366.5	37362.7	37303.0	37282.4	37207.9	37175.6
7.5°	38786.1	38778.5	38792.4	38762.8	38761.7	38720.6	38703.6	38650.1	38617.0	38538.7	38488.6
10°	39081.3	39088.3	39076.9	39079.7	39063.6	39059.2	39042.8	39032.4	39005.5	38985.1	38955.3
12.5°	37855.5	37862.8	37816.0	37845.7	37822.3	37877.0	37872.6	37937.0	37946.9	38028.5	38059.4
15°	35022.4	35013.5	34923.8	34980.4	34950.0	35070.1	35097.0	35258.5	35344.9	35552.2	35679.6
17.5°	30742.5	30719.4	30593.1	30661.9	30626.9	30804.0	30863.3	31121.6	31282.7	31616.8	31854.9
20°	25640.8	25596.5	25448.7	25529.3	25493.2	25694.3	25779.0	26091.2	26299.0	26741.5	27056.3
22.5°	20475.7	20405.8	20261.0	20336.3	20302.2	20510.4	20620.7	20934.0	21171.9	21626.3	21993.8
25°	15837.5	15775.2	15635.2	15687.8	15675.1	15851.4	15949.5	16245.8	16479.6	16912.4	17263.2
27.5°	12079.6	12014.8	11888.3	11925.6	11912.8	12062.9	12155.4	12402.9	12604.1	12968.4	13276.4
30°	9245.2	9167.0	9059.7	9080.3	9071.5	9193.2	9279.6	9487.9	9660.5	9968.3	10233.7
32.5°	7086.4	7007.8	6909.3	6918.9	6905.9	7001.4	7072.5	7253.8	7404.0	7665.9	7896.8
35°	5422.1	5513.9	5303.5	5436.8	5298.1	5501.8	5428.5	5541.7	5671.0	5891.7	6084.3
37.5°	4168.3	4104.2	4050.1	4044.4	4044.1	4091.3	4147.0	4256.2	4370.1	4534.3	4704.2
40°	3303.2	3258.3	3223.3	3220.6	3223.3	3256.7	3297.9	3373.4	3456.7	3574.8	3699.6
42.5°	2739.6	2709.9	2688.7	2687.3	2693.9	2717.7	2746.3	2791.1	2845.4	2921.9	3007.4
45°	2371.1	2354.6	2342.8	2342.2	2345.2	2357.7	2374.2	2402.0	2436.4	2484.2	2538.3
47.5°	2112.6	2108.6	2101.2	2101.5	2098.2	2103.3	2105.2	2120.8	2139.1	2175.1	2245.8
50°	1924.4	1924.4	1919.3	1919.0	1914.2	1914.0	1909.9	1916.1	1924.7	1947.0	1969.6
52.5°	1775.5	1775.0	1769.6	1768.5	1763.4	1763.1	1759.7	1762.1	1763.3	1774.5	1788.0
55°	1659.3	1655.8	1648.6	1646.3	1644.3	1647.2	1645.9	1646.1	1644.6	1649.2	1653.2
57.5°	1575.9	1571.3	1564.5	1562.4	1561.9	1565.5	1565.6	1564.4	1558.1	1553.8	1547.8
60°	1509.8	1505.2	1497.9	1496.0	1497.1	1501.9	1501.7	1497.7	1488.3	1480.1	1470.6
62.5°	1445.0	1443.1	1439.3	1438.8	1437.8	1438.6	1435.3	1431.1	1421.8	1413.1	1402.8
65°	1357.9	1358.8	1356.1	1356.5	1353.1	1352.6	1347.5	1343.4	1334.0	1326.1	1315.5
67.5°	1267.5	1268.2	1266.0	1266.0	1264.2	1264.5	1261.4	1257.5	1249.6	1243.2	1235.0
70°	1193.0	1195.0	1193.6	1194.1	1191.8	1191.1	1186.3	1182.5	1174.4	1169.0	1161.7
72.5°	1103.9	1107.9	1107.8	1108.7	1105.6	1103.9	1098.2	1093.5	1086.1	1081.8	1076.0
75°	1007.7	1012.8	1014.3	1016.6	1012.0	1009.6	1003.3	999.6	993.6	991.0	987.2
77.5°	913.6	919.4	924.8	930.0	922.6	916.1	908.2	902.1	893.6	890.2	884.3
80°	808.2	818.3	830.5	840.7	827.4	814.1	801.0	791.5	780.1	775.4	767.9
82.5°	670.5	680.9	687.8	694.4	685.2	675.4	662.8	654.4	642.1	637.6	628.9
85°	509.3	522.4	526.5	529.9	524.1	518.8	507.1	491.2	483.4	471.3	464.9
87.5°	335.0	342.8	344.3	345.5	341.8	339.3	331.7	324.2	311.0	301.4	289.6
90°	143.9	148.2	144.4	145.5	141.7	143.0	136.2	134.5	124.4	121.2	112.4
92.5°	27.7	25.9	24.5	22.9	25.1	26.0	28.1	29.0	30.9	32.0	33.8
95°	36.8	35.1	33.4	31.7	33.1	34.4	35.8	37.2	38.5	40.0	41.4
97.5°	50.0	48.9	47.7	46.6	47.4	48.2	49.0	49.8	50.6	51.4	52.4
100°	63.5	62.6	61.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
102.5°	101.1	97.2	93.3	89.4	92.0	94.6	97.3	99.9	102.6	105.2	108.0
105°	189.2	178.5	167.8	157.1	167.4	177.8	188.1	198.5	208.8	219.4	229.6
107.5°	341.7	324.9	307.9	291.1	310.2	329.0	347.8	366.7	385.5	404.4	423.4
110°	509.9	493.9	477.8	461.7	481.7	501.7	521.7	541.6	561.8	581.8	602.1



TEST NUMBER: P1444400
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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°	622.6	614.8	606.9	599.1	612.1	624.9	637.8	650.9	663.8	676.7	689.7
115°	652.4	651.9	651.5	651.0	657.1	663.2	669.3	675.4	681.8	687.8	694.1
117.5°	617.7	621.8	626.3	630.6	632.5	634.6	636.7	638.6	640.8	642.8	645.1
120°	555.2	560.6	566.5	572.3	571.5	570.7	570.1	569.3	569.0	568.3	568.0
122.5°	482.0	487.5	493.4	499.2	497.4	495.7	494.1	492.6	491.2	489.7	488.4
125°	414.3	418.8	423.7	428.5	426.8	425.1	423.5	422.2	420.8	419.2	418.2
127.5°	361.4	364.3	367.0	369.9	369.1	368.3	367.9	367.3	366.9	366.7	366.5
130°	326.4	327.4	328.8	329.9	330.1	330.3	331.1	331.6	332.3	332.9	334.0
132.5°	307.2	307.1	307.2	307.3	308.2	309.2	310.5	311.7	313.3	314.6	316.6
135°	297.9	297.2	296.7	296.3	297.8	299.0	300.6	302.3	304.2	306.3	308.6
137.5°	295.5	294.5	293.8	293.0	294.4	295.7	297.5	299.1	301.0	303.0	305.4
140°	296.9	295.9	295.5	294.7	296.1	297.4	299.1	300.7	302.6	304.6	306.8
142.5°	298.9	297.9	297.3	296.7	297.9	299.1	300.8	302.1	303.9	305.5	307.6
145°	303.7	302.9	302.6	302.1	302.8	303.7	304.8	305.9	307.3	308.6	310.3
147.5°	306.3	305.7	305.5	305.1	305.8	306.3	307.2	307.9	309.0	309.9	311.2
150°	307.9	307.4	307.1	306.9	307.3	307.6	308.2	308.6	309.3	309.9	310.9
152.5°	307.0	306.5	306.4	306.1	306.4	306.6	307.1	307.4	308.0	308.5	309.4
155°	307.0	306.6	306.2	305.8	305.8	305.8	306.0	305.9	306.4	306.4	306.8
157.5°	308.5	307.9	307.6	307.1	306.9	306.6	306.6	306.4	306.6	306.3	306.4
160°	309.7	308.9	308.4	307.8	307.8	307.4	307.6	307.3	307.3	307.3	307.4
162.5°	312.7	312.2	311.8	311.3	311.0	310.5	310.2	309.7	309.4	309.1	309.0
165°	315.4	314.7	314.2	313.5	313.3	313.0	312.8	312.5	312.3	312.0	312.1
167.5°	320.3	319.4	318.9	318.3	317.9	317.3	317.1	316.6	316.1	315.7	315.6
170°	323.4	322.8	322.4	321.9	321.7	321.3	321.2	320.8	320.6	320.5	320.5
172.5°	328.3	327.8	327.5	327.1	326.9	326.6	326.5	326.3	326.1	326.1	325.9
175°	332.0	331.7	331.6	331.3	331.1	331.0	330.6	330.5	330.4	330.1	329.9
177.5°	334.1	333.7	333.6	333.5	333.4	333.4	333.4	333.4	333.4	333.3	333.1
180°	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7



TEST NUMBER: P1444400
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL18

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8
2.5°	36093.6	36084.2	36059.1	36046.8	36023.7	36012.1	35994.1	35982.5	35967.8	35957.0	35951.4
5°	37093.7	37047.6	36955.0	36898.1	36798.2	36732.4	36633.3	36560.5	36458.1	36382.5	36285.8
7.5°	38394.8	38323.9	38205.5	38115.6	37975.9	37869.1	37712.3	37586.9	37413.6	37269.7	37092.8
10°	38924.5	38883.1	38830.0	38772.2	38694.7	38618.9	38511.7	38402.6	38257.2	38112.6	37923.5
12.5°	38141.6	38180.5	38257.2	38293.1	38351.7	38371.7	38398.5	38386.0	38362.2	38303.1	38217.4
15°	35924.2	36086.7	36343.4	36521.0	36769.8	36944.4	37175.6	37324.4	37495.9	37598.3	37695.5
17.5°	32276.8	32591.0	33043.9	33405.4	33890.5	34284.9	34768.2	35147.9	35586.3	35922.6	36280.7
20°	27605.0	28045.1	28670.3	29201.4	29904.3	30500.5	31264.1	31903.9	32650.1	33272.2	33943.6
22.5°	22577.0	23094.5	23811.0	24451.5	25291.0	26040.7	26997.5	27843.5	28852.3	29756.0	30755.8
25°	17833.5	18340.8	19070.6	19733.8	20640.0	21466.0	22511.3	23481.6	24652.4	25744.1	26997.5
27.5°	13765.8	14216.3	14857.9	15454.9	16284.9	17095.7	18156.6	19191.3	20440.5	21613.8	22964.5
30°	10631.0	10996.6	11510.6	11990.9	12657.2	13320.3	14265.2	15222.2	16465.3	17681.1	19065.9
32.5°	8238.7	8550.4	8979.5	9369.4	9882.8	10382.8	11078.6	11843.3	12933.8	14098.4	15437.3
35°	6377.7	6644.3	7009.5	7345.4	7767.6	8164.5	8683.8	9229.6	10061.7	11041.4	12239.7
37.5°	5084.7	5193.3	5454.0	5729.2	6079.8	6406.0	6812.3	7215.9	7811.2	8584.1	9563.0
40°	3866.8	4039.4	4251.6	4468.3	4733.8	4995.5	5441.0	5655.6	6047.6	6602.5	7362.3
42.5°	3120.0	3241.4	3390.7	3541.4	3726.4	3908.7	4134.1	4363.6	4656.6	5032.5	5572.9
45°	2610.9	2690.1	2786.4	2886.7	3008.2	3132.5	3283.5	3441.1	3639.7	3870.7	4199.0
47.5°	2270.8	2314.5	2377.3	2445.9	2529.3	2615.3	2713.4	2813.8	2937.2	3074.3	3261.2
50°	2005.3	2041.8	2090.5	2136.5	2193.9	2282.2	2321.1	2376.5	2450.8	2531.4	2635.9
52.5°	1813.2	1837.5	1868.1	1894.4	1930.8	1963.8	2007.1	2045.3	2096.7	2145.1	2212.6
55°	1663.5	1672.4	1689.8	1706.7	1731.8	1754.4	1784.1	1809.1	1841.9	1870.9	1913.5
57.5°	1548.0	1548.8	1556.9	1565.7	1581.9	1596.0	1616.5	1633.0	1655.7	1674.1	1699.7
60°	1465.0	1460.6	1462.2	1465.3	1474.4	1483.6	1496.6	1507.3	1521.7	1532.2	1546.4
62.5°	1395.9	1389.0	1387.4	1386.6	1391.1	1394.4	1401.5	1406.7	1414.9	1419.5	1427.0
65°	1308.6	1300.4	1297.3	1293.4	1294.8	1293.7	1296.5	1296.6	1300.7	1301.6	1306.0
67.5°	1229.5	1222.6	1218.5	1213.4	1211.1	1207.5	1206.0	1202.4	1201.9	1199.0	1198.3
70°	1157.2	1150.6	1147.1	1142.4	1140.0	1135.2	1132.3	1126.3	1122.9	1117.4	1114.3
72.5°	1073.7	1069.9	1068.8	1065.7	1064.9	1062.2	1061.0	1056.8	1054.4	1049.8	1047.0
75°	986.4	983.3	983.1	979.8	979.5	976.4	975.6	971.2	968.8	964.2	962.2
77.5°	882.4	877.8	876.5	872.8	873.7	872.1	873.4	870.1	868.6	863.9	862.5
80°	765.2	759.4	757.0	752.0	753.3	751.1	753.3	753.1	754.8	751.1	750.4
82.5°	626.5	620.0	618.8	615.4	617.7	617.9	622.9	620.2	621.2	617.8	619.2
85°	455.9	451.1	444.4	443.5	439.2	443.6	437.8	441.7	435.5	439.8	434.0
87.5°	282.6	272.7	267.5	260.4	257.8	250.9	248.1	243.2	244.7	242.4	243.7
90°	111.0	103.2	102.3	96.4	96.9	91.8	93.5	90.2	92.7	89.3	92.0
92.5°	34.9	36.4	39.0	42.3	44.7	47.4	50.1	53.3	55.7	58.8	61.2
95°	42.7	44.1	47.7	51.5	55.1	58.8	62.7	66.4	70.0	73.8	77.4
97.5°	53.2	54.0	57.6	61.3	65.0	68.7	72.3	76.3	79.9	83.6	87.3
100°	60.7	60.8	71.3	81.7	92.2	102.9	113.3	123.8	134.5	144.9	155.4
102.5°	110.6	113.2	139.6	166.2	192.6	219.1	245.7	272.2	298.7	325.3	351.9
105°	240.0	250.5	290.9	331.4	371.6	412.1	452.6	493.2	533.7	574.1	614.6
107.5°	442.2	461.3	497.8	534.4	570.8	607.5	644.2	680.8	717.3	754.0	790.9
110°	622.0	642.1	666.5	691.3	715.9	740.4	765.0	789.6	814.4	839.1	863.9



TEST NUMBER: P1444400
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL18

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	702.6	715.8	730.0	744.5	759.0	773.5	787.9	802.5	817.1	831.7	846.2
115°	700.5	706.9	712.5	718.3	724.1	729.9	735.8	741.8	747.9	753.8	759.9
117.5°	647.2	649.7	650.6	651.9	653.0	654.5	655.6	657.2	658.7	660.2	661.4
120°	567.5	567.1	566.5	565.9	565.3	564.9	564.6	564.2	564.0	563.8	563.5
122.5°	487.0	486.0	485.4	485.0	484.7	484.5	484.3	484.3	484.2	484.0	483.9
125°	417.0	416.1	417.4	418.7	420.2	421.7	423.2	424.9	426.4	428.0	429.7
127.5°	366.3	366.4	369.0	371.8	374.5	377.5	380.4	383.5	386.2	389.5	392.2
130°	335.0	336.1	339.3	343.1	346.3	349.9	353.7	357.4	360.7	364.3	367.9
132.5°	318.1	320.3	323.5	326.9	330.3	333.9	337.3	340.9	344.5	348.0	351.3
135°	310.8	313.3	316.3	319.7	322.8	326.1	329.3	332.8	335.7	339.2	342.3
137.5°	307.5	310.0	312.7	315.4	318.0	321.0	323.6	326.4	329.0	331.9	334.5
140°	309.0	311.5	313.1	315.1	316.8	318.7	320.4	322.4	324.0	326.0	327.6
142.5°	309.6	312.0	312.9	314.4	315.6	317.3	318.6	320.1	321.2	322.5	323.6
145°	311.7	313.5	314.0	314.6	315.2	315.9	316.3	317.0	317.4	317.9	318.3
147.5°	312.4	313.8	313.9	314.2	314.6	314.7	315.1	315.4	315.5	315.7	316.0
150°	311.5	312.6	312.3	312.6	312.4	312.5	312.3	312.4	312.2	312.3	312.1
152.5°	310.0	310.7	310.2	310.4	310.0	309.9	309.5	309.5	309.1	309.0	308.9
155°	306.9	307.3	307.1	306.9	306.7	306.6	306.3	306.5	306.5	306.3	306.4
157.5°	306.4	306.4	306.3	306.2	305.9	306.0	305.8	305.8	305.8	306.1	306.3
160°	307.2	307.3	307.1	307.0	306.9	306.8	306.6	306.7	306.8	307.2	307.4
162.5°	308.6	308.5	308.1	308.0	307.9	308.0	307.9	308.2	308.2	308.6	308.9
165°	312.1	312.2	311.7	311.7	311.5	311.4	311.2	311.3	311.5	311.6	311.8
167.5°	315.4	315.3	315.3	315.4	315.4	315.6	315.7	316.2	316.4	316.9	317.0
170°	320.4	320.5	320.3	320.3	320.1	320.1	320.2	320.2	320.3	320.4	320.5
172.5°	325.9	325.9	325.7	325.4	325.2	325.2	324.9	324.9	324.7	324.6	324.4
175°	329.7	329.6	329.5	329.4	329.3	329.1	328.9	328.5	328.4	328.3	328.2
177.5°	333.0	332.7	332.6	332.6	332.5	332.3	332.3	332.2	332.2	332.2	331.9
180°	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7



TEST NUMBER: P1444400
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL18

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8
2.5°	35944.2	35943.8	35940.3	35941.9	35942.6	35945.1	35948.1	35951.4	35952.1	35954.6	35955.1
5°	36213.2	36124.2	36058.5	35986.2	35931.7	35882.8	35850.2	35824.2	35814.3	35816.8	35822.8
7.5°	36942.6	36759.1	36607.5	36435.4	36291.8	36139.8	36013.7	35893.9	35806.6	35741.5	35705.2
10°	37743.1	37519.5	37305.6	37056.3	36820.0	36567.7	36339.2	36109.2	35917.3	35750.7	35628.4
12.5°	38098.2	37940.2	37755.4	37520.2	37267.2	36976.1	36682.2	36367.1	36074.0	35801.9	35582.5
15°	37722.2	37722.5	37655.1	37542.2	37366.5	37133.9	36853.8	36525.3	36179.6	35826.8	35504.5
17.5°	36528.3	36753.5	36878.8	36958.2	36933.7	36848.1	36669.9	36417.5	36095.3	35719.4	35326.1
20°	34478.1	35009.4	35388.2	35728.8	35919.7	36046.6	36033.9	35931.2	35701.6	35382.1	34972.4
22.5°	31606.1	32497.9	33201.4	33857.6	34317.8	34692.1	34870.1	34945.6	34841.6	34619.0	34234.4
25°	28117.8	29330.2	30364.8	31369.0	32122.3	32769.6	33158.7	33432.7	33454.5	33338.3	32995.0
27.5°	24241.6	25672.8	26982.3	28316.8	29376.1	30306.7	30917.3	31364.3	31506.2	31487.5	31175.9
30°	20370.4	21872.8	23316.3	24872.5	26183.2	27372.2	28178.7	28783.1	29016.0	29060.7	28760.9
32.5°	16714.4	18196.0	19635.4	21262.4	22704.8	24067.4	25020.4	25738.3	26009.1	26073.0	25744.1
35°	13396.4	14763.3	16131.2	17707.9	19142.1	20553.1	21557.3	22308.9	22561.8	22604.5	22223.8
37.5°	10519.0	11683.6	12875.6	14290.4	15607.4	16932.5	17886.5	18593.0	18777.3	18765.9	18335.1
40°	8096.3	9001.7	9959.5	11124.2	12219.2	13339.4	14145.1	14729.0	14825.8	14754.1	14301.6
42.5°	6088.0	6741.9	7436.3	8305.7	9118.1	9956.5	10542.6	10976.2	10990.0	10876.6	10470.5
45°	4535.6	5173.5	5464.7	5990.4	6513.7	7071.2	7429.1	7696.9	7655.4	7555.7	7247.0
47.5°	3457.5	3702.7	3962.8	4288.8	4593.6	5226.2	5179.3	5609.3	5299.6	5510.9	5045.9
50°	2745.7	2882.7	3022.8	3195.8	3355.0	3520.4	3623.7	3700.9	3690.9	3657.7	3568.6
52.5°	2335.9	2378.3	2447.2	2545.7	2634.6	2724.0	2782.8	2830.6	2831.7	2818.2	2773.2
55°	1952.3	2006.1	2055.6	2120.0	2229.5	2246.3	2330.7	2313.5	2320.3	2296.9	2320.8
57.5°	1721.4	1752.6	1780.5	1818.7	1850.4	1887.3	1909.1	1930.1	1928.1	1923.6	1900.6
60°	1557.7	1574.9	1590.4	1612.8	1630.1	1651.0	1661.0	1671.7	1668.2	1660.5	1640.0
62.5°	1431.5	1442.3	1451.1	1465.6	1476.1	1489.1	1494.3	1498.9	1494.3	1487.0	1468.9
65°	1307.0	1313.9	1319.6	1330.4	1337.8	1348.9	1353.4	1357.6	1353.5	1347.7	1334.0
67.5°	1194.7	1195.4	1194.9	1199.2	1201.5	1208.2	1210.2	1213.2	1208.5	1203.5	1191.8
70°	1109.5	1107.8	1105.7	1107.4	1107.8	1111.0	1111.5	1111.0	1105.3	1096.7	1084.0
72.5°	1042.9	1042.0	1040.4	1041.9	1041.9	1044.8	1043.9	1042.4	1035.3	1027.1	1014.4
75°	957.3	956.7	953.5	953.6	951.0	951.9	948.5	946.4	938.6	931.6	920.3
77.5°	857.2	855.6	851.0	849.2	844.1	842.0	835.5	832.2	824.3	818.6	809.0
80°	745.4	743.7	737.7	734.4	726.4	721.2	711.6	706.2	696.9	691.5	682.1
82.5°	616.2	616.9	610.8	606.7	595.2	586.3	573.5	566.6	556.5	551.1	541.4
85°	438.2	432.0	435.3	435.1	427.8	420.2	409.8	402.4	393.8	388.8	382.0
87.5°	240.3	241.9	240.1	238.6	233.6	229.6	221.6	217.2	211.0	207.9	202.8
90°	84.9	83.6	76.8	75.8	69.1	65.9	58.1	55.9	48.7	47.4	42.6
92.5°	58.1	55.1	52.3	48.8	46.1	43.0	39.9	36.8	33.7	32.4	31.6
95°	73.0	68.5	64.1	59.5	55.1	50.6	46.2	41.7	37.2	36.3	35.4
97.5°	82.2	76.9	71.6	66.5	61.1	55.9	50.8	45.4	40.2	39.6	39.0
100°	143.4	131.3	119.2	107.0	94.8	82.6	70.7	58.5	46.4	45.7	45.0
102.5°	322.4	293.0	263.6	234.2	204.9	175.4	146.0	116.5	87.1	82.8	78.6
105°	570.1	525.5	481.2	436.6	392.1	347.5	303.1	258.4	213.8	199.6	185.2
107.5°	749.1	707.1	665.5	623.8	581.8	540.1	498.2	456.4	414.4	389.2	364.1
110°	830.8	797.6	764.7	731.5	698.4	665.3	632.2	598.9	565.8	544.2	522.7



TEST NUMBER: P1444400
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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°	822.1	798.0	774.1	749.8	725.8	701.5	677.3	653.1	628.7	615.8	602.8
115°	745.7	731.2	717.0	702.6	688.1	673.8	659.4	644.8	630.2	623.5	616.8
117.5°	654.5	647.4	640.4	633.2	626.1	618.7	611.7	604.3	597.1	595.0	592.8
120°	562.0	560.2	558.2	556.4	554.5	552.7	550.7	548.7	546.6	547.3	548.0
122.5°	485.4	486.7	488.4	489.5	491.0	492.1	493.7	494.6	495.9	498.2	500.6
125°	432.6	435.2	438.0	440.6	443.3	446.0	448.7	451.1	453.8	456.1	458.7
127.5°	395.5	398.5	401.6	404.5	407.6	410.6	413.6	416.4	419.3	421.6	424.1
130°	370.8	373.4	376.4	378.9	381.7	384.4	387.1	389.8	392.4	394.4	396.4
132.5°	354.0	356.5	359.1	361.4	364.0	366.5	369.0	371.4	374.1	375.8	377.5
135°	344.5	346.3	348.4	350.2	352.6	354.5	356.6	358.7	360.9	362.2	363.6
137.5°	336.2	337.9	339.7	341.3	343.3	344.9	346.8	348.6	350.7	351.6	353.0
140°	329.3	331.2	332.9	334.6	336.5	338.2	340.3	342.3	344.4	345.4	346.7
142.5°	325.2	326.3	327.8	329.2	330.9	332.3	334.1	335.8	337.6	338.7	339.8
145°	320.0	321.5	323.1	324.5	326.1	327.9	329.9	331.8	333.8	334.7	335.6
147.5°	317.2	318.4	320.0	321.4	322.8	324.1	326.0	327.7	329.5	330.4	331.3
150°	313.5	314.7	316.0	317.4	319.0	320.7	322.4	324.1	326.2	327.2	328.2
152.5°	310.2	311.5	312.9	314.5	316.1	317.8	319.8	321.6	323.6	324.4	325.5
155°	307.8	309.1	310.6	312.2	314.0	315.4	317.2	318.9	320.9	321.9	322.8
157.5°	307.6	308.8	310.3	311.7	313.2	314.6	316.4	317.8	319.7	320.5	321.2
160°	308.7	309.8	311.1	312.4	313.8	315.1	316.5	317.9	319.4	320.3	321.1
162.5°	310.2	311.4	312.7	313.7	315.2	316.6	318.0	319.2	320.8	321.5	322.3
165°	312.8	313.8	314.9	315.7	316.9	317.7	319.0	320.0	321.3	321.8	322.7
167.5°	318.0	318.6	319.3	320.2	321.2	322.0	323.0	323.8	324.7	325.4	326.0
170°	321.1	321.8	322.4	323.2	323.9	324.7	325.4	326.0	327.0	327.5	328.1
172.5°	324.8	325.1	325.7	326.0	326.6	326.9	327.5	328.1	328.6	329.2	329.6
175°	328.6	328.7	328.9	329.0	329.3	329.6	329.9	330.3	330.5	331.0	331.4
177.5°	332.0	332.1	332.3	332.4	332.8	332.9	333.2	333.3	333.6	333.9	334.4
180°	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7



TEST NUMBER: P1444400
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CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8
2.5°	35953.9	35953.5	35952.3	35950.8	35949.2	35950.1	35951.7	35955.8	35963.0	35973.5	35987.1
5°	35827.8	35835.0	35839.3	35839.8	35836.0	35833.7	35837.3	35847.1	35867.0	35900.4	35945.6
7.5°	35695.4	35704.5	35718.4	35728.8	35730.8	35728.3	35728.8	35744.3	35781.1	35846.1	35937.5
10°	35554.0	35527.2	35541.3	35567.2	35587.8	35591.7	35594.2	35612.5	35666.2	35764.6	35911.3
12.5°	35423.6	35338.5	35322.1	35345.5	35376.8	35386.8	35384.0	35391.9	35454.8	35585.1	35789.5
15°	35251.9	35091.9	35037.2	35043.2	35081.8	35095.7	35085.6	35070.1	35131.5	35290.4	35555.0
17.5°	34974.1	34716.1	34615.6	34611.1	34656.3	34668.3	34643.5	34595.4	34655.8	34854.2	35182.6
20°	34551.8	34170.9	33981.5	33951.4	34000.6	33986.2	33936.6	33863.9	33943.4	34184.5	34575.2
22.5°	33792.5	33309.9	32986.4	32882.2	32940.9	32901.7	32829.4	32736.5	32841.9	33116.0	33551.1
25°	32551.9	31994.2	31551.4	31303.0	31349.8	31279.6	31200.9	31088.3	31214.1	31528.7	32007.6
27.5°	30728.3	30084.1	29535.4	29124.2	29139.3	29047.3	28956.7	28811.0	28968.1	29340.4	29880.5
30°	28303.4	27558.0	26889.7	26331.0	26280.9	26191.7	26098.9	25907.7	26104.2	26549.9	27181.1
32.5°	25258.1	24430.5	23658.4	22951.8	22818.5	22731.6	22648.7	22428.7	22686.1	23205.7	23930.9
35°	21696.7	20815.2	19978.1	19171.1	18950.2	18863.3	18790.9	18580.0	18901.2	19466.7	20249.9
37.5°	17787.7	16887.1	16056.0	15228.5	14916.5	14798.4	14745.8	14607.8	14978.2	15537.6	16324.0
40°	13774.6	12937.3	12192.2	11461.2	11105.6	10924.9	10897.4	10872.2	11230.4	11715.7	12429.5
42.5°	10020.5	9345.0	8770.4	8211.7	7889.4	7642.8	7642.6	7717.4	8039.9	8403.5	8953.9
45°	6931.4	6478.1	6112.0	5738.8	5838.6	5346.8	5635.7	5487.4	5646.8	5881.2	6239.1
47.5°	4764.7	4517.2	4316.2	4107.6	3955.6	3810.4	3823.1	3916.7	4066.8	4205.8	4392.1
50°	3472.7	3346.7	3244.2	3135.9	3060.2	2996.2	3000.0	3040.4	3119.3	3192.6	3290.0
52.5°	2721.1	2651.6	2596.0	2536.0	2496.4	2464.5	2466.2	2485.9	2528.6	2570.4	2626.3
55°	2242.8	2234.4	2162.1	2108.3	2087.9	2066.5	2070.4	2078.1	2107.1	2131.6	2168.6
57.5°	1879.5	1847.0	1825.3	1796.9	1784.0	1769.1	1772.4	1775.3	1794.7	1811.2	1837.8
60°	1622.9	1599.9	1584.5	1565.3	1556.7	1547.2	1549.4	1551.1	1563.5	1574.2	1593.3
62.5°	1452.5	1431.9	1418.5	1403.6	1397.7	1391.2	1392.7	1393.2	1401.0	1408.9	1423.3
65°	1321.7	1305.3	1294.2	1281.4	1275.2	1268.5	1269.1	1269.1	1275.7	1281.4	1292.3
67.5°	1183.5	1171.1	1164.0	1153.8	1149.5	1142.7	1142.6	1140.4	1144.7	1146.9	1154.3
70°	1072.5	1060.1	1050.9	1041.1	1035.7	1029.7	1029.9	1030.0	1034.9	1040.2	1049.7
72.5°	1004.0	992.0	983.9	975.3	970.3	965.1	964.2	963.7	967.2	970.1	976.4
75°	913.1	903.7	898.8	890.8	886.8	881.1	880.2	877.4	879.1	879.7	884.4
77.5°	803.0	794.0	790.1	782.0	778.6	772.1	771.6	768.6	770.0	769.0	772.6
80°	677.4	669.3	667.2	660.5	658.9	652.8	651.9	648.3	649.4	646.6	647.9
82.5°	537.3	529.8	528.2	522.1	522.1	516.6	516.3	510.9	510.9	506.1	498.6
85°	378.5	373.0	370.7	365.7	364.1	359.8	357.5	352.2	350.4	347.1	346.0
87.5°	199.8	196.3	193.2	190.8	186.4	178.5	177.8	172.3	172.7	168.8	169.1
90°	41.8	37.3	36.7	32.7	31.8	29.0	28.3	28.2	28.7	28.7	29.4
92.5°	30.6	29.6	28.5	27.4	26.4	25.3	24.3	25.3	26.4	27.4	28.5
95°	34.5	33.6	32.6	31.7	30.8	29.9	29.0	29.9	30.8	31.9	32.8
97.5°	38.4	37.8	37.3	36.7	36.1	35.6	35.0	35.8	36.3	36.9	37.5
100°	44.4	43.7	43.0	42.3	41.7	41.0	40.3	41.2	41.9	42.5	43.2
102.5°	74.4	70.1	65.9	61.6	57.3	53.1	48.8	53.1	57.3	61.9	66.1
105°	170.8	156.7	142.3	127.9	113.6	99.2	84.9	99.3	113.7	128.0	142.5
107.5°	338.8	313.8	288.5	263.3	237.9	212.8	187.5	213.0	238.2	263.6	288.8
110°	500.9	479.2	457.5	435.7	413.9	392.2	370.4	392.3	414.2	436.0	457.9



TEST NUMBER: P1444400
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL18

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	589.6	576.5	563.2	550.2	536.9	523.8	510.5	524.1	537.4	550.8	564.0
115°	610.0	603.1	596.4	589.6	582.5	575.7	568.6	576.1	583.2	590.4	597.5
117.5°	590.5	588.3	586.1	583.9	581.5	579.3	576.7	579.5	582.1	585.1	587.4
120°	548.4	549.2	549.7	550.1	550.6	551.0	551.3	551.5	551.5	551.5	551.4
122.5°	502.6	504.9	507.0	509.1	511.1	513.2	514.9	513.7	512.2	510.9	509.1
125°	460.8	463.4	465.6	467.8	469.9	472.2	473.8	472.8	471.3	469.8	468.1
127.5°	426.2	428.4	430.4	432.9	434.6	436.6	438.2	437.4	436.1	434.9	433.3
130°	398.2	400.4	401.9	403.7	405.2	406.7	407.9	407.4	406.6	406.1	404.9
132.5°	379.1	380.8	382.4	383.8	385.0	386.3	387.2	387.2	386.7	386.3	385.5
135°	365.1	366.4	367.7	369.1	370.0	370.9	371.4	371.8	371.7	371.6	371.1
137.5°	354.0	355.2	356.1	357.0	357.6	358.2	358.5	359.1	359.3	359.9	359.7
140°	347.6	348.8	349.8	350.7	351.4	352.2	352.3	353.2	353.4	353.7	353.5
142.5°	340.9	342.1	343.1	344.1	344.6	345.3	345.6	346.2	346.4	346.7	346.6
145°	336.7	337.4	338.3	339.1	339.6	340.0	340.1	340.9	341.3	341.6	342.0
147.5°	332.2	333.1	333.8	334.4	334.9	335.3	335.6	336.1	336.7	337.0	337.2
150°	329.2	330.1	331.0	331.9	332.5	333.0	333.2	333.8	334.1	334.4	334.4
152.5°	326.3	327.1	327.9	328.5	329.2	329.7	330.0	330.5	331.1	331.4	331.5
155°	323.6	324.6	325.4	326.2	326.7	327.3	327.9	328.4	328.8	329.1	329.3
157.5°	322.0	323.0	323.6	324.4	325.0	325.8	326.3	326.9	327.3	327.9	328.1
160°	321.7	322.7	323.2	324.0	324.7	325.3	325.9	326.5	327.0	327.4	328.0
162.5°	322.9	323.7	324.1	324.9	325.6	326.3	326.8	327.5	328.0	328.5	328.9
165°	323.4	324.2	324.9	325.7	326.5	327.2	327.7	328.3	328.6	329.0	329.3
167.5°	326.6	327.4	328.0	328.7	329.2	330.0	330.6	331.2	331.5	331.8	332.0
170°	328.6	329.3	330.0	330.5	331.2	331.8	332.2	332.5	332.8	333.1	333.4
172.5°	330.2	331.0	331.5	332.2	332.8	333.4	333.9	334.2	334.2	334.2	334.1
175°	331.7	332.3	332.7	333.2	333.5	334.1	334.6	334.5	334.6	334.5	334.6
177.5°	334.8	335.4	335.9	336.2	336.7	337.1	337.5	337.2	336.9	336.8	336.5
180°	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7



TEST NUMBER: P1444400
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL18

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8
2.5°	36006.4	36024.4	36052.0	36076.9	36114.5	36144.2	36188.7	36222.5	36272.8	36305.4	36360.1
5°	36009.6	36080.0	36172.6	36263.1	36371.7	36470.4	36593.0	36697.4	36820.6	36921.2	37047.3
7.5°	36060.4	36196.4	36359.1	36523.2	36708.7	36882.3	37077.9	37254.9	37448.3	37612.1	37791.0
10°	36098.1	36307.6	36547.5	36788.9	37043.1	37279.2	37517.6	37723.7	37916.2	38074.6	38214.6
12.5°	36047.1	36335.8	36643.7	36941.0	37223.6	37468.0	37673.1	37831.5	37940.9	38015.1	38032.4
15°	35874.0	36221.3	36556.1	36852.2	37086.7	37267.6	37361.2	37405.0	37358.0	37279.9	37108.3
17.5°	35550.6	35916.9	36216.2	36449.8	36573.7	36622.8	36545.3	36410.4	36146.7	35854.1	35431.4
20°	34957.6	35299.0	35516.1	35643.5	35610.3	35487.7	35194.9	34839.1	34312.8	33751.8	33011.5
22.5°	33917.6	34216.1	34331.7	34341.2	34138.9	33832.0	33303.9	32693.4	31863.0	30999.8	29938.1
25°	32356.5	32617.8	32636.2	32533.5	32163.3	31665.9	30890.4	30026.9	28898.6	27748.2	26417.8
27.5°	30239.3	30490.1	30428.6	30237.1	29723.1	29057.5	28064.7	26949.2	25558.1	24199.5	22727.7
30°	27577.9	27846.0	27773.9	27528.1	26916.9	26130.2	24962.0	23665.9	22121.4	20670.4	19179.0
32.5°	24392.9	24731.8	24682.1	24448.6	23810.7	22968.7	21701.2	20326.5	18746.4	17316.4	15865.7
35°	20772.8	21184.3	21205.5	21052.9	20460.7	19628.5	18376.8	17046.3	15532.7	14183.5	12843.4
37.5°	16872.5	17349.6	17447.5	17406.4	16915.6	16180.9	15040.6	13846.9	12506.1	11323.6	10177.4
40°	12950.6	13433.5	13601.0	13650.8	13288.6	12719.6	11783.6	10820.2	9727.2	8768.9	7858.9
42.5°	9374.0	9802.1	9964.1	10065.9	9839.9	9460.4	8777.7	8078.1	7277.2	6586.1	5923.5
45°	6510.5	6813.3	6936.5	7039.0	6915.8	6701.8	6270.6	5833.0	5304.4	4852.8	4425.3
47.5°	4551.9	4718.9	4800.1	4849.9	4802.1	4690.5	4455.8	4202.4	3904.0	3640.1	3386.3
50°	3373.9	3462.8	3505.3	3534.0	3499.3	3437.3	3310.2	3172.3	3008.3	2858.9	2712.8
52.5°	2673.7	2724.7	2749.9	2765.5	2745.5	2707.6	2633.6	2551.8	2453.6	2361.2	2312.6
55°	2252.5	2249.8	2308.2	2280.0	2308.2	2245.2	2232.0	2142.0	2060.5	2003.0	1940.8
57.5°	1857.6	1884.0	1895.2	1907.8	1899.6	1888.1	1856.8	1824.5	1781.5	1745.5	1707.1
60°	1607.9	1629.7	1642.0	1654.5	1653.7	1649.4	1631.1	1612.0	1585.0	1563.5	1540.2
62.5°	1436.0	1454.9	1467.0	1478.9	1480.0	1478.3	1464.5	1451.1	1432.8	1419.3	1403.2
65°	1300.7	1313.9	1322.2	1331.7	1331.2	1328.7	1316.2	1305.1	1290.0	1280.6	1268.9
67.5°	1159.1	1169.1	1175.6	1184.6	1186.3	1186.8	1180.0	1174.8	1167.4	1164.7	1160.8
70°	1058.4	1070.6	1080.9	1092.2	1098.4	1101.3	1098.4	1095.8	1091.4	1089.6	1086.5
72.5°	982.3	992.6	1000.5	1010.8	1016.6	1020.7	1018.5	1017.0	1013.2	1012.7	1010.6
75°	887.6	894.7	899.2	907.0	910.0	914.0	912.2	913.1	911.9	914.9	914.8
77.5°	773.8	779.0	781.2	786.8	787.3	792.0	793.1	798.5	802.5	811.0	815.6
80°	645.8	649.1	649.1	654.8	657.4	665.2	669.0	677.9	682.1	689.8	690.4
82.5°	501.6	497.7	501.6	499.3	506.5	515.4	516.6	524.2	526.0	530.7	527.0
85°	343.0	342.7	339.6	340.1	337.8	338.9	337.6	339.0	337.7	337.8	334.4
87.5°	164.3	165.8	162.1	163.4	159.9	161.5	158.4	160.8	157.2	157.8	152.5
90°	29.7	30.2	30.5	31.1	32.2	33.8	35.8	37.5	40.0	41.6	43.7
92.5°	29.6	30.7	31.7	32.8	33.8	36.9	40.0	43.1	46.4	49.2	52.4
95°	33.8	34.7	35.6	36.7	37.6	42.1	46.6	51.1	55.6	60.0	64.6
97.5°	38.2	38.8	39.5	40.0	40.8	46.0	51.4	56.6	61.9	67.2	72.2
100°	44.1	44.8	45.4	46.2	46.9	59.1	71.3	83.4	95.7	107.8	120.0
102.5°	70.4	74.7	79.0	83.5	87.8	117.3	146.8	176.4	205.6	235.1	264.6
105°	156.9	171.2	185.9	200.3	214.6	259.3	304.0	348.7	393.1	437.7	482.4
107.5°	314.2	339.4	364.9	390.1	415.4	457.5	499.5	541.3	583.4	625.3	667.0
110°	480.0	501.6	523.7	545.6	567.4	600.5	634.0	667.0	700.3	733.5	766.7



TEST NUMBER: P1444400
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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°	577.6	590.8	604.1	617.1	630.4	654.8	679.4	703.7	728.2	752.1	776.5
115°	604.6	611.4	618.5	625.3	632.4	647.2	661.7	676.3	691.0	705.4	720.0
117.5°	590.0	592.5	595.1	597.1	599.6	607.0	614.5	621.8	629.3	636.7	644.0
120°	551.3	550.9	550.6	550.1	549.8	551.8	554.1	556.2	558.4	560.4	562.3
122.5°	507.4	505.4	503.7	501.7	499.8	498.4	497.5	496.2	495.4	494.1	493.0
125°	466.4	464.3	462.4	460.2	458.1	455.7	453.2	450.7	448.2	445.7	443.2
127.5°	432.0	429.9	428.3	426.2	424.3	421.5	418.6	415.8	413.1	410.2	407.3
130°	404.0	402.5	401.3	399.4	398.1	395.2	392.9	390.3	387.8	385.1	382.6
132.5°	384.8	383.7	382.7	381.2	380.1	377.6	375.5	372.9	370.6	368.3	366.1
135°	370.7	369.9	369.3	368.2	367.3	365.3	363.5	361.5	359.7	357.7	355.9
137.5°	359.6	359.0	358.7	358.1	357.5	355.7	354.2	352.5	351.0	349.2	347.7
140°	353.4	352.9	352.6	352.0	351.4	349.7	348.1	346.4	344.8	343.1	341.4
142.5°	346.4	346.1	345.9	345.3	344.8	343.3	342.3	340.8	339.4	338.1	336.8
145°	341.8	341.7	341.6	341.2	341.1	339.5	338.2	336.6	335.4	333.8	332.5
147.5°	337.4	337.3	337.3	337.2	337.2	335.8	334.9	333.5	332.5	331.3	330.2
150°	334.5	334.4	334.5	334.2	334.0	332.8	331.9	330.6	329.7	328.3	327.4
152.5°	331.7	331.8	331.9	331.9	332.0	331.0	329.8	328.7	327.6	326.4	325.3
155°	329.6	329.7	329.9	329.9	329.9	329.0	328.1	327.0	326.1	325.0	324.1
157.5°	328.4	328.7	328.9	329.1	329.2	328.4	327.6	326.8	326.0	325.1	324.3
160°	328.2	328.6	328.9	329.0	329.3	328.6	328.2	327.3	326.9	325.9	325.1
162.5°	329.3	329.7	330.0	330.1	330.4	329.7	329.2	328.6	327.9	327.0	326.3
165°	329.6	329.7	330.0	330.0	330.2	329.7	329.4	328.9	328.5	327.9	327.5
167.5°	332.2	332.3	332.6	332.6	332.8	332.5	332.5	332.0	331.6	331.3	330.9
170°	333.5	333.6	333.8	333.8	334.0	333.7	333.4	333.1	333.0	332.4	332.0
172.5°	334.3	334.3	334.2	334.3	334.2	334.0	333.9	333.7	333.6	333.3	333.1
175°	334.4	334.4	334.4	334.3	334.2	334.2	334.1	334.2	334.1	333.9	333.8
177.5°	336.3	336.2	335.9	335.6	335.4	335.3	335.4	335.2	335.3	335.2	335.1
180°	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7



TEST NUMBER: P1444400
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL18

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8
2.5°	36393.9	36169.2	36139.5	36155.3	36192.8	36206.8	36247.2	36258.3	36299.2	36309.2	36348.3
5°	37144.9	36847.8	36862.6	36934.0	37042.2	37106.7	37212.9	37268.5	37370.0	37416.1	37507.9
7.5°	37936.8	37703.4	37776.2	37896.6	38044.5	38147.0	38274.6	38357.7	38467.8	38536.1	38624.2
10°	38325.6	38261.6	38341.7	38436.4	38520.9	38586.9	38641.1	38684.4	38712.7	38739.3	38750.9
12.5°	38029.6	38128.6	38142.2	38133.0	38077.1	38034.5	37938.6	37873.5	37757.9	37687.4	37549.8
15°	36932.8	37150.4	37029.9	36847.6	36580.7	36358.2	36044.0	35810.1	35482.9	35261.0	34932.7
17.5°	35008.0	35282.5	34968.6	34546.6	34009.9	33550.7	32978.9	32524.9	31956.3	31542.9	31012.2
20°	32298.1	32554.7	31994.9	31295.3	30465.0	29766.2	28942.2	28284.6	27518.8	26949.2	26261.6
22.5°	28924.1	29106.8	28318.2	27375.2	26317.3	25444.3	24459.0	23670.7	22796.7	22145.5	21412.5
25°	25191.3	25240.6	24294.7	23208.3	22029.2	21048.0	19996.2	19167.4	18276.0	17616.0	16896.6
27.5°	21423.9	21351.5	20329.0	19177.2	17936.9	16917.0	15891.0	15114.4	14333.9	13739.3	13119.5
30°	17867.9	17692.7	16631.0	15447.1	14243.1	13329.1	12477.4	11853.6	11232.7	10761.0	10263.5
32.5°	14607.0	14359.9	13326.5	12217.2	11202.7	10497.3	9865.8	9393.9	8892.3	8494.0	8076.4
35°	11718.6	11455.4	10539.9	9599.4	8831.7	8311.7	7815.3	7428.2	7002.4	6666.3	6303.6
37.5°	9239.8	9024.1	8257.2	7517.2	6936.5	6533.5	6126.7	5810.3	5458.5	5310.6	4923.1
40°	7133.1	6982.3	6382.6	5837.2	5401.1	5211.8	4798.9	4503.4	4240.3	4023.5	3813.5
42.5°	5563.9	5510.6	4927.0	4501.6	4194.5	3956.0	3725.9	3539.2	3357.3	3207.8	3066.7
45°	4083.1	4040.8	3781.8	3536.2	3327.0	3160.3	3004.8	2876.3	2757.4	2658.9	2569.3
47.5°	3179.5	3166.0	3016.8	2864.6	2732.7	2625.6	2524.6	2439.4	2360.5	2294.7	2273.3
50°	2586.1	2584.3	2496.8	2402.7	2308.9	2246.9	2182.6	2132.1	2081.5	2042.0	2000.3
52.5°	2197.3	2187.7	2128.7	2070.7	2014.9	1974.2	1933.0	1900.9	1867.3	1842.9	1817.0
55°	1891.7	1901.7	1867.5	1832.8	1797.9	1772.6	1743.8	1722.5	1699.6	1684.1	1668.5
57.5°	1679.3	1692.6	1674.6	1655.0	1633.8	1617.1	1597.2	1582.5	1567.2	1557.4	1548.3
60°	1524.9	1539.3	1532.2	1522.3	1509.2	1499.3	1486.6	1478.4	1468.5	1463.0	1457.9
62.5°	1393.9	1411.9	1409.4	1404.7	1396.3	1390.8	1383.8	1380.2	1373.7	1371.3	1368.9
65°	1263.2	1283.4	1283.0	1280.8	1276.1	1274.5	1270.2	1269.4	1266.1	1267.4	1267.1
67.5°	1160.4	1178.0	1181.8	1184.7	1184.6	1185.6	1185.2	1186.9	1186.9	1189.5	1191.1
70°	1086.1	1098.4	1101.3	1104.4	1105.2	1107.5	1107.5	1109.0	1108.6	1110.7	1111.0
72.5°	1011.1	1027.3	1030.3	1032.6	1032.6	1034.9	1033.7	1033.3	1030.1	1029.5	1027.2
75°	917.8	938.6	943.1	946.0	946.4	948.5	945.6	943.9	938.6	936.4	932.6
77.5°	820.3	841.9	845.0	846.1	844.4	844.8	838.9	834.9	828.1	825.3	821.7
80°	693.5	725.2	727.7	725.7	720.7	719.9	714.2	710.4	702.3	699.4	696.4
82.5°	527.7	564.8	570.1	572.3	568.4	569.3	563.8	561.6	554.1	552.8	547.9
85°	333.2	370.3	376.5	375.5	371.5	370.6	367.4	368.5	367.8	369.8	370.9
87.5°	153.1	189.1	197.8	194.9	194.5	192.0	186.3	188.4	191.8	194.1	194.2
90°	45.5	58.3	59.9	59.3	55.3	54.0	50.2	49.7	46.4	45.7	42.6
92.5°	55.5	58.5	61.6	58.9	56.1	53.4	50.7	47.7	45.1	42.3	39.6
95°	69.0	73.4	77.8	74.2	70.2	66.6	62.9	59.2	55.5	51.9	48.1
97.5°	77.5	82.6	87.7	84.0	80.3	76.6	72.8	69.2	65.5	61.8	58.0
100°	132.1	143.8	155.8	145.3	134.8	124.3	113.8	103.3	92.8	82.3	71.7
102.5°	293.9	323.0	352.3	325.7	299.2	272.6	246.2	219.6	193.1	166.5	140.0
105°	526.8	570.9	615.3	574.5	534.1	493.6	453.1	412.7	372.1	331.7	291.3
107.5°	708.8	749.9	791.4	754.7	718.0	681.5	644.7	608.0	571.4	534.7	498.1
110°	799.8	831.8	864.7	839.9	815.2	790.3	765.6	740.9	716.3	691.8	667.2



TEST NUMBER: P1444400
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL18

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	800.7	823.3	847.2	832.4	817.9	803.2	788.6	774.0	759.7	744.9	730.7
115°	734.4	747.0	761.0	754.7	748.9	742.7	736.7	730.8	724.9	718.8	713.3
117.5°	651.2	656.4	662.9	661.2	659.9	658.2	656.9	655.4	654.2	652.8	651.6
120°	564.3	563.9	565.2	565.2	565.6	565.7	566.1	566.3	566.7	567.0	567.6
122.5°	491.8	487.9	485.7	485.8	485.9	485.8	486.0	486.1	486.3	486.5	486.9
125°	440.7	435.1	431.7	429.9	428.4	426.7	425.1	423.5	422.1	420.6	419.1
127.5°	404.4	398.3	394.6	391.7	388.8	385.7	382.8	379.8	377.0	373.9	371.3
130°	380.1	374.0	370.5	366.9	363.5	359.8	356.4	352.7	349.1	345.7	342.2
132.5°	363.5	357.6	354.3	350.8	347.7	344.0	340.6	337.1	333.7	329.9	326.8
135°	354.0	348.2	345.4	342.2	339.2	336.0	332.9	329.4	326.5	323.1	320.2
137.5°	346.0	340.2	337.8	335.1	332.7	329.9	327.5	324.7	322.2	319.1	316.7
140°	339.6	333.7	331.1	329.4	327.9	326.1	324.5	322.7	321.1	319.4	317.6
142.5°	335.4	329.5	327.2	326.1	325.1	323.8	322.9	321.7	320.5	318.9	317.7
145°	331.1	324.5	322.1	321.5	321.4	321.0	320.5	320.2	319.7	319.0	318.6
147.5°	328.9	322.2	319.8	319.7	319.7	319.2	319.3	319.0	319.1	318.8	318.8
150°	326.1	318.4	315.6	315.9	315.9	316.1	316.2	316.3	316.6	316.7	316.8
152.5°	324.0	315.0	311.8	312.0	312.4	312.5	312.8	313.2	313.6	313.9	314.2
155°	322.8	312.9	309.5	309.3	309.5	309.5	309.6	309.9	310.1	310.3	310.7
157.5°	323.2	312.8	309.4	309.0	309.0	308.9	308.9	309.1	309.2	309.3	309.7
160°	324.3	313.9	310.5	310.1	310.0	309.9	309.7	309.8	309.9	310.0	310.2
162.5°	325.4	315.2	312.0	311.5	311.2	311.1	311.1	310.9	311.0	310.9	311.2
165°	326.7	317.7	314.7	314.4	314.4	314.2	314.1	314.2	314.3	314.3	314.6
167.5°	330.3	322.2	319.9	319.4	319.0	318.6	318.6	318.1	318.1	317.8	317.8
170°	331.6	325.1	323.1	322.9	323.0	323.0	322.8	322.8	322.7	322.7	322.8
172.5°	332.8	328.0	326.5	326.5	326.8	326.9	327.1	327.3	327.5	327.7	328.0
175°	333.7	330.9	330.2	330.0	330.1	330.2	330.3	330.5	330.6	330.8	331.2
177.5°	335.1	334.3	333.9	333.9	333.9	333.9	333.9	333.9	333.9	334.1	334.1
180°	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7



TEST NUMBER: P1444400
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL18

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8
2.5°	36355.7	36398.1	36394.8	36434.4	36432.5	36469.7	36462.2	36494.4	36487.2	36514.6	36498.5
5°	37548.2	37628.8	37655.5	37728.2	37743.3	37808.4	37809.8	37861.5	37855.2	37895.7	37874.1
7.5°	38676.4	38751.7	38787.3	38843.9	38872.0	38918.8	38937.2	38975.7	38984.9	39007.6	39006.9
10°	38771.5	38771.2	38788.9	38781.0	38796.8	38787.7	38806.9	38800.0	38828.4	38821.2	38842.7
12.5°	37490.5	37363.4	37317.0	37202.7	37177.8	37079.7	37086.7	37023.8	37054.2	37015.6	37081.4
15°	34737.3	34442.4	34296.7	34040.2	33959.8	33757.1	33740.7	33606.1	33642.4	33572.0	33674.9
17.5°	30668.9	30204.6	29949.7	29575.3	29426.6	29140.0	29082.5	28909.3	28936.1	28848.8	28973.1
20°	25818.2	25257.1	24935.7	24502.7	24309.5	23967.8	23877.2	23683.2	23707.6	23620.7	23761.3
22.5°	20912.2	20324.9	19962.1	19508.2	19261.5	18940.1	18843.7	18648.9	18660.0	18578.4	18713.7
25°	16403.8	15840.7	15488.6	15076.2	14862.2	14567.5	14466.1	14291.3	14301.2	14234.0	14355.3
27.5°	12689.5	12227.5	11932.8	11587.3	11395.3	11153.1	11054.3	10907.3	10906.9	10857.5	10959.0
30°	9916.1	9530.6	9266.1	8965.1	8784.9	8566.3	8470.9	8339.3	8333.5	8298.5	8379.1
32.5°	7764.2	7421.2	7179.8	6915.1	6753.2	6565.7	6475.4	6369.5	6359.9	6328.2	6394.4
35°	6035.6	5746.9	5539.3	5316.3	5332.8	5056.0	5102.0	4887.0	4828.8	4816.1	4865.2
37.5°	4664.8	4441.2	4272.6	4105.6	3992.5	3875.5	3812.5	3756.0	3749.5	3744.1	3778.6
40°	3651.3	3494.8	3372.2	3257.6	3179.8	3108.3	3069.0	3037.9	3030.5	3026.4	3047.3
42.5°	2955.2	2849.5	2770.5	2700.6	2653.3	2614.5	2592.8	2575.6	2569.8	2570.0	2582.3
45°	2496.8	2432.7	2381.7	2338.3	2308.1	2321.3	2282.3	2302.7	2275.7	2303.6	2285.2
47.5°	2198.7	2144.2	2112.6	2081.9	2063.6	2048.9	2049.4	2049.7	2055.4	2056.3	2062.4
50°	1968.8	1937.2	1915.3	1895.6	1886.1	1878.4	1881.1	1883.1	1888.6	1889.0	1893.5
52.5°	1798.5	1777.9	1764.6	1752.4	1748.2	1743.8	1745.7	1744.9	1747.4	1746.1	1749.6
55°	1660.1	1650.3	1646.2	1641.6	1642.2	1641.1	1641.8	1637.5	1634.8	1631.5	1634.6
57.5°	1546.4	1545.1	1547.9	1549.8	1555.0	1556.9	1558.1	1553.0	1548.2	1543.8	1546.3
60°	1458.9	1461.0	1468.0	1473.5	1481.0	1484.5	1486.7	1483.7	1480.3	1476.7	1478.8
62.5°	1372.5	1375.9	1384.1	1390.4	1399.5	1404.2	1409.4	1409.7	1411.0	1409.7	1411.1
65°	1272.2	1276.4	1283.9	1289.1	1297.5	1301.6	1307.0	1308.0	1310.9	1310.2	1312.7
67.5°	1196.1	1199.8	1206.1	1211.0	1218.5	1222.8	1227.4	1227.8	1228.8	1228.6	1230.9
70°	1114.7	1116.6	1122.2	1126.3	1133.8	1138.3	1143.6	1145.2	1148.5	1149.0	1151.8
72.5°	1028.1	1027.3	1030.7	1032.5	1038.2	1041.6	1048.5	1052.2	1057.7	1059.2	1061.3
75°	933.7	932.9	937.0	938.6	943.3	946.8	954.4	959.4	968.0	971.7	970.8
77.5°	824.5	826.4	833.8	838.0	844.4	848.8	858.8	866.6	882.5	889.4	882.4
80°	702.3	704.3	712.1	715.9	724.4	729.7	740.8	750.0	764.3	767.4	763.4
82.5°	552.1	552.7	559.6	562.6	573.5	581.4	595.5	602.8	611.7	610.3	609.2
85°	376.5	381.6	390.3	399.0	412.3	425.2	438.4	449.3	441.6	453.7	440.1
87.5°	201.2	200.7	212.4	210.6	229.2	240.1	251.6	257.1	263.2	262.0	262.1
90°	42.5	40.2	40.8	38.0	39.6	36.6	39.1	36.4	39.6	36.1	41.7
92.5°	36.7	35.3	33.7	32.4	30.8	29.4	27.7	26.3	24.8	23.3	24.8
95°	44.5	43.1	41.8	40.3	38.8	37.5	36.1	34.7	33.4	32.0	33.7
97.5°	54.4	53.6	52.8	52.0	51.2	50.4	49.6	48.8	47.8	47.0	48.1
100°	61.2	61.2	61.2	61.2	61.0	61.0	61.0	61.0	61.0	61.0	62.0
102.5°	113.5	110.9	108.3	105.4	102.8	100.1	97.5	94.8	92.2	89.6	93.5
105°	250.7	240.4	230.0	219.7	209.2	198.9	188.5	178.2	167.8	157.5	168.2
107.5°	461.7	442.6	423.7	404.9	385.9	367.1	348.2	329.4	310.6	291.7	308.6
110°	642.5	622.5	602.3	582.3	562.2	542.0	522.1	502.1	482.1	462.1	478.2



TEST NUMBER: P1444400
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	716.3	703.0	690.1	677.0	664.0	651.1	638.2	625.3	612.5	599.5	607.3
115°	707.3	701.1	694.7	688.4	682.3	675.8	669.7	663.6	657.5	651.4	651.9
117.5°	650.3	648.0	645.8	643.5	641.3	639.2	637.2	635.3	633.0	631.3	627.0
120°	568.2	568.4	568.7	569.2	569.8	570.3	570.7	571.5	572.3	573.1	567.3
122.5°	487.2	488.3	489.5	490.8	492.1	493.6	495.1	496.8	498.5	500.3	494.4
125°	417.6	418.6	419.7	420.9	422.0	423.5	425.0	426.7	428.2	430.1	425.2
127.5°	368.5	368.5	368.4	368.7	368.8	369.2	369.8	370.4	371.2	372.2	369.1
130°	338.6	337.6	336.5	335.5	334.5	334.1	333.6	333.0	332.7	332.6	331.4
132.5°	323.2	321.4	319.6	317.8	316.2	314.8	313.4	312.5	311.5	310.7	310.3
135°	316.7	314.4	312.2	310.0	307.7	306.1	304.2	302.8	301.4	300.1	300.6
137.5°	314.0	311.8	309.4	307.3	305.1	303.5	301.6	300.0	298.7	297.5	298.2
140°	315.8	313.5	311.3	309.2	307.2	305.5	303.7	302.3	300.7	299.7	300.1
142.5°	316.5	314.6	312.5	310.7	308.8	307.1	305.7	304.4	302.9	302.0	302.5
145°	318.0	316.6	315.0	313.6	312.3	311.2	309.8	309.0	308.0	307.5	307.7
147.5°	318.4	317.4	316.1	315.1	313.9	313.3	312.3	311.7	311.0	310.6	310.7
150°	317.0	316.3	315.5	314.9	314.2	313.7	313.2	312.8	312.4	312.2	312.2
152.5°	314.6	314.1	313.4	312.9	312.4	312.0	311.6	311.4	311.1	310.9	310.9
155°	310.9	310.7	310.4	310.4	310.2	310.3	310.1	310.3	310.1	310.3	310.4
157.5°	309.8	309.9	309.8	310.1	310.2	310.2	310.3	310.7	310.7	311.2	311.4
160°	310.6	310.6	310.6	310.7	310.7	310.8	311.0	311.1	311.3	311.5	311.9
162.5°	311.3	311.7	311.8	312.0	312.4	312.7	313.1	313.6	313.9	314.4	314.8
165°	314.8	314.9	314.9	314.8	315.1	315.3	315.4	315.8	315.9	316.4	316.9
167.5°	317.7	317.9	317.9	318.1	318.3	318.8	319.0	319.6	320.0	320.6	321.0
170°	322.6	322.6	322.6	322.6	322.6	322.9	323.0	323.1	323.3	323.7	323.9
172.5°	328.0	328.0	327.8	328.0	327.8	328.0	328.0	328.2	328.2	328.3	328.4
175°	331.0	331.4	331.5	331.8	331.8	331.9	332.0	332.2	332.3	332.5	332.5
177.5°	334.1	334.2	334.2	334.2	334.2	334.3	334.3	334.3	334.3	334.2	334.3
180°	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7



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CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8
2.5°	36525.3	36507.0	36525.7	36506.7	36525.7	36503.0	36518.4	36493.8	36500.1	36474.5	36481.1
5°	37906.4	37877.3	37892.8	37855.0	37858.9	37808.4	37807.4	37748.6	37733.2	37666.2	37636.7
7.5°	39023.2	39013.7	39019.0	38994.6	38991.9	38957.4	38940.9	38892.2	38861.6	38800.0	38757.9
10°	38846.4	38874.9	38882.2	38911.3	38917.2	38946.0	38952.0	38980.8	38986.8	39008.0	39008.3
12.5°	37078.3	37175.0	37198.1	37317.5	37367.7	37504.4	37577.7	37728.2	37817.6	37967.8	38060.0
15°	33672.0	33839.3	33906.0	34139.2	34268.2	34540.4	34711.4	35024.0	35244.6	35576.5	35813.2
17.5°	28984.1	29217.8	29323.3	29639.5	29845.7	30247.5	30537.1	31013.7	31378.6	31908.2	32328.1
20°	23785.5	24045.2	24188.4	24549.1	24792.5	25261.9	25623.5	26209.2	26697.5	27368.7	27942.6
22.5°	18756.1	19003.3	19162.3	19529.3	19803.3	20292.9	20697.0	21315.1	21862.4	22618.7	23306.8
25°	14401.2	14627.7	14771.4	15103.3	15360.7	15810.6	16196.5	16791.0	17326.4	18085.0	18790.6
27.5°	11009.5	11199.2	11337.7	11620.8	11847.8	12229.4	12560.7	13052.1	13513.4	14169.8	14798.1
30°	8428.7	8596.9	8731.7	8978.2	9188.7	9519.4	9810.8	10223.6	10605.4	11127.6	11627.4
32.5°	6441.0	6585.7	6705.8	6921.5	7112.5	7410.4	7672.9	8034.7	8362.4	8805.3	9216.6
35°	4911.0	5195.8	5175.7	5473.3	5521.1	5735.0	5969.1	6285.5	6575.8	6952.3	7302.3
37.5°	3811.7	3891.8	3977.7	4109.3	4247.5	4441.9	4639.8	5026.3	5168.1	5452.7	5742.4
40°	3073.7	3127.9	3184.6	3273.5	3370.3	3507.3	3651.5	3835.8	4024.7	4255.5	4491.2
42.5°	2598.6	2629.3	2665.3	2717.5	2777.2	2864.1	2960.5	3085.5	3216.9	3379.3	3545.1
45°	2321.7	2307.2	2317.9	2345.9	2381.8	2434.7	2495.6	2573.0	2658.5	2763.8	2875.8
47.5°	2063.6	2069.5	2072.7	2087.9	2107.1	2142.6	2179.4	2232.0	2333.5	2364.4	2425.4
50°	1893.1	1895.9	1895.0	1902.8	1912.5	1935.5	1959.4	1995.0	2030.5	2077.6	2122.5
52.5°	1750.2	1754.1	1753.6	1758.8	1763.9	1778.6	1793.6	1818.7	1842.0	1872.0	1897.8
55°	1637.3	1642.9	1645.0	1649.2	1651.8	1659.4	1665.5	1677.5	1687.4	1704.3	1719.9
57.5°	1550.5	1558.1	1561.5	1563.0	1559.9	1559.5	1557.5	1560.1	1562.0	1571.2	1580.0
60°	1482.2	1488.3	1489.2	1488.3	1482.6	1478.7	1472.2	1470.2	1469.2	1473.5	1478.4
62.5°	1410.8	1412.9	1411.4	1409.7	1403.2	1399.4	1392.7	1390.3	1388.0	1391.1	1393.6
65°	1311.8	1313.7	1311.8	1310.7	1304.9	1301.9	1296.3	1294.4	1291.2	1292.0	1291.5
67.5°	1231.5	1233.3	1231.9	1230.4	1226.3	1224.5	1220.4	1217.7	1213.8	1212.3	1209.7
70°	1151.4	1152.9	1150.6	1149.0	1144.5	1142.8	1139.0	1138.2	1135.0	1134.4	1131.3
72.5°	1059.2	1059.3	1056.2	1055.2	1051.9	1051.8	1050.2	1051.7	1051.5	1053.1	1052.4
75°	965.0	963.7	959.7	959.0	956.4	957.6	955.9	958.1	958.4	961.9	962.3
77.5°	870.6	865.6	858.1	854.4	849.4	848.7	845.7	847.8	847.1	851.1	852.7
80°	751.4	745.3	735.6	730.9	724.9	724.0	721.2	724.0	722.6	727.3	730.6
82.5°	599.9	594.7	584.5	580.8	573.8	574.5	571.5	574.5	574.1	581.0	585.0
85°	443.8	440.2	429.8	420.6	410.3	404.3	398.5	397.3	395.6	398.5	400.8
87.5°	256.3	253.1	244.9	239.5	221.6	222.3	215.2	214.8	213.1	211.5	215.2
90°	40.4	44.9	43.9	48.0	47.5	52.4	52.3	56.8	55.9	60.4	60.2
92.5°	26.3	27.7	29.3	30.8	32.3	33.7	35.2	36.7	40.0	42.9	46.4
95°	35.4	37.1	38.8	40.7	42.4	44.1	45.8	47.5	52.3	56.9	61.6
97.5°	49.5	50.4	51.6	52.8	53.9	55.0	56.2	57.3	62.6	67.6	72.6
100°	62.9	63.8	64.7	65.7	66.6	67.5	68.4	69.3	79.3	89.1	98.8
102.5°	97.4	101.3	105.2	109.1	113.2	117.1	121.0	124.9	147.4	169.8	192.2
105°	178.9	189.6	200.4	211.0	221.7	232.4	243.2	253.9	289.9	325.8	361.8
107.5°	325.5	342.4	359.3	376.3	393.2	410.2	427.1	444.2	479.2	514.4	549.4
110°	494.3	510.5	526.6	542.7	558.9	575.1	591.4	607.7	628.8	649.9	671.1



TEST NUMBER: P1444400
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL18

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	615.3	623.1	631.1	639.0	647.0	655.0	663.0	671.1	681.8	692.5	703.2
115°	652.4	652.9	653.6	654.2	654.9	655.5	656.5	657.3	660.9	664.4	668.1
117.5°	622.7	618.4	614.4	610.0	606.0	602.2	598.1	594.4	594.0	593.6	593.5
120°	561.8	556.2	550.5	544.9	539.5	534.1	528.9	523.7	521.2	518.8	516.5
122.5°	488.8	483.2	477.8	472.2	466.9	461.7	456.7	451.6	450.1	448.6	447.3
125°	420.5	415.9	411.4	407.1	403.0	398.8	394.8	390.8	391.3	391.6	392.4
127.5°	366.5	363.7	361.1	358.8	356.6	354.3	352.2	350.1	352.1	354.1	356.0
130°	330.2	329.3	328.6	327.7	327.4	326.9	326.4	326.0	329.1	331.8	334.9
132.5°	310.6	310.6	311.0	311.3	312.0	312.5	313.5	314.0	317.3	320.5	323.8
135°	301.1	301.7	302.7	303.7	305.0	306.1	307.5	308.7	312.0	314.9	318.2
137.5°	299.1	299.9	301.1	302.2	303.8	305.0	306.8	308.1	310.8	313.3	315.9
140°	300.9	301.6	302.7	303.7	304.9	306.1	307.6	308.9	311.2	313.2	315.3
142.5°	303.4	303.9	304.9	306.0	307.1	308.1	309.6	310.6	312.3	313.8	315.7
145°	308.5	308.9	309.8	310.6	311.5	312.4	313.4	314.3	315.5	316.6	317.8
147.5°	311.3	311.7	312.3	313.0	313.8	314.4	315.1	315.8	316.8	317.6	318.6
150°	312.7	312.9	313.4	313.6	314.3	314.8	315.5	316.0	316.7	317.4	318.2
152.5°	311.5	311.6	312.1	312.3	312.8	313.3	313.7	314.3	315.0	315.5	316.3
155°	310.8	311.4	311.9	312.3	313.0	313.2	313.9	314.3	314.9	315.5	316.1
157.5°	312.0	312.2	312.9	313.2	313.8	314.2	314.7	315.1	315.8	316.2	316.7
160°	312.5	313.1	313.6	314.4	315.0	315.5	316.1	316.7	317.3	317.7	318.2
162.5°	315.4	315.9	316.4	316.8	317.3	317.9	318.3	318.8	319.7	320.0	320.8
165°	317.5	318.1	318.9	319.2	320.1	320.8	321.3	321.9	322.3	322.9	323.3
167.5°	321.6	322.0	322.8	323.4	324.0	324.5	325.1	325.6	326.1	326.4	326.9
170°	324.4	324.9	325.4	326.0	326.5	326.9	327.5	327.9	328.5	328.8	329.5
172.5°	328.8	329.1	329.5	329.8	330.2	330.8	331.2	331.4	331.9	332.3	332.6
175°	332.5	332.5	332.6	332.8	332.9	332.9	333.0	333.3	333.4	333.6	333.7
177.5°	334.4	334.6	334.7	334.8	334.9	335.1	335.2	335.3	335.3	335.3	335.3
180°	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7



TEST NUMBER: P1444400
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL18

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8
2.5°	36455.6	36457.2	36427.7	36426.1	36398.6	36395.1	36368.3	36360.1	36338.3	36330.5	36308.3
5°	37561.6	37525.8	37443.0	37394.3	37312.5	37258.3	37169.8	37112.1	37026.7	36962.3	36876.3
7.5°	38680.2	38624.6	38531.7	38456.4	38342.9	38252.3	38119.5	38010.6	37866.9	37742.4	37591.3
10°	39008.3	38999.8	38976.1	38941.5	38888.8	38829.4	38739.0	38644.8	38518.7	38381.9	38213.9
12.5°	38201.0	38288.2	38407.1	38477.5	38563.3	38600.8	38635.9	38627.1	38604.0	38534.7	38437.7
15°	36156.2	36401.2	36725.5	36976.8	37266.0	37476.2	37708.2	37852.9	37997.1	38063.7	38104.5
17.5°	32903.3	33367.1	33948.7	34430.6	34986.7	35433.4	35922.9	36291.5	36670.5	36942.1	37187.7
20°	28725.0	29396.9	30219.4	30946.0	31791.0	32525.2	33329.8	33990.4	34671.6	35204.2	35708.3
22.5°	24192.9	24990.9	25985.4	26906.5	27995.7	28974.6	30079.0	31040.3	32043.9	32882.5	33693.1
25°	19736.3	20611.5	21698.8	22726.5	23960.1	25098.8	26408.7	27606.6	28903.9	30030.1	31142.7
27.5°	15666.8	16526.1	17636.2	18730.2	20034.6	21247.9	22651.3	23971.2	25448.3	26810.3	28203.8
30°	12322.1	13050.9	14046.3	15105.9	16392.4	17627.1	19045.7	20403.2	21939.8	23427.0	24996.5
32.5°	9762.5	10317.6	11100.2	11996.2	13183.3	14358.6	15709.4	17019.8	18533.0	20035.3	21667.6
35°	7753.2	8186.2	8782.8	9482.1	10487.3	11500.5	12695.2	13887.0	15298.7	16724.3	18310.8
37.5°	6113.8	6465.2	6932.4	7457.7	8264.0	9095.4	10075.2	11063.2	12289.8	13553.5	14991.3
40°	4774.2	5058.7	5422.5	5814.2	6423.0	7063.7	7821.4	8587.5	9573.0	10605.8	11795.8
42.5°	3750.6	3960.4	4217.3	4503.6	5071.6	5411.8	5925.6	6479.7	7204.3	7953.9	8848.6
45°	3012.0	3155.1	3333.3	3525.3	3789.0	4077.5	4429.4	4798.4	5486.6	5824.3	6368.4
47.5°	2515.3	2611.4	2724.8	2845.8	3001.3	3169.1	3377.7	3591.1	3867.1	4153.0	4488.3
50°	2180.9	2278.5	2317.5	2380.1	2470.1	2566.0	2683.6	2801.3	2949.3	3099.2	3271.9
52.5°	1932.5	1964.3	2006.7	2046.6	2102.4	2211.4	2246.7	2308.2	2391.2	2472.4	2563.1
55°	1742.9	1763.7	1791.2	1815.3	1849.0	1881.2	1927.7	1968.7	2024.0	2072.9	2133.1
57.5°	1595.3	1608.6	1627.7	1643.5	1665.3	1683.5	1710.8	1733.0	1764.7	1792.4	1828.9
60°	1488.2	1497.0	1509.8	1520.1	1534.0	1543.5	1557.0	1567.4	1584.2	1598.3	1618.6
62.5°	1400.6	1405.1	1413.5	1419.6	1428.3	1433.2	1440.4	1445.0	1454.2	1461.2	1472.6
65°	1295.5	1296.6	1302.2	1304.7	1311.7	1314.2	1320.1	1322.2	1329.9	1335.1	1345.1
67.5°	1209.4	1207.0	1207.2	1205.1	1206.1	1204.0	1204.5	1202.4	1205.6	1207.2	1214.7
70°	1130.8	1127.5	1126.3	1122.7	1121.7	1118.0	1116.9	1113.5	1113.1	1112.0	1114.7
72.5°	1054.2	1053.2	1053.5	1051.0	1050.7	1048.1	1048.3	1046.7	1048.5	1049.3	1052.7
75°	966.1	966.3	968.0	965.8	966.4	964.3	965.1	963.1	964.2	963.8	967.2
77.5°	858.9	861.4	866.0	865.1	866.6	864.2	865.2	862.5	863.3	861.4	862.7
80°	738.3	743.6	749.9	749.6	752.3	750.6	752.9	750.3	751.4	748.2	747.4
82.5°	595.1	599.6	606.3	606.6	612.5	613.5	620.0	619.8	624.0	621.2	619.4
85°	406.8	409.9	415.8	419.0	425.0	428.7	435.1	437.6	433.1	441.3	434.8
87.5°	212.4	220.4	215.9	226.2	223.8	234.2	232.0	241.6	239.7	248.0	246.9
90°	66.1	66.6	72.7	73.6	81.0	82.7	87.3	85.2	89.4	87.6	91.8
92.5°	49.3	52.8	56.0	59.2	62.5	65.8	62.7	59.7	56.7	53.9	50.8
95°	66.4	71.0	75.8	80.5	85.2	89.9	84.9	79.9	74.9	69.8	64.7
97.5°	77.7	82.8	87.9	92.9	98.1	103.1	97.2	91.2	85.2	79.3	73.4
100°	108.6	118.6	128.3	138.0	147.9	157.7	146.7	135.5	124.6	113.4	102.3
102.5°	214.8	237.3	259.9	282.4	304.8	327.3	303.8	280.4	256.7	233.2	209.6
105°	397.8	433.9	469.8	505.8	541.8	578.1	539.8	501.6	463.3	425.3	386.9
107.5°	584.6	619.7	655.0	690.1	725.3	760.6	721.9	683.1	644.5	605.7	567.0
110°	692.4	713.6	734.9	756.2	777.4	798.8	770.6	742.4	714.3	686.0	657.8



TEST NUMBER: P1444400
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CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	713.9	724.9	735.6	746.5	757.3	768.2	748.1	728.2	708.0	688.0	668.0
115°	671.8	675.5	679.3	683.0	686.6	690.5	677.0	663.6	650.4	637.0	623.4
117.5°	593.3	593.2	592.8	593.0	592.6	592.5	585.2	578.1	570.6	563.2	555.8
120°	514.1	512.0	509.6	507.3	504.9	502.5	499.8	496.9	493.9	491.1	488.0
122.5°	445.8	444.7	443.2	441.8	440.2	438.7	437.9	437.2	436.3	435.5	434.5
125°	392.9	393.3	393.8	394.5	394.8	395.3	395.1	395.0	394.7	394.6	394.3
127.5°	357.8	359.8	361.6	363.4	365.1	367.0	367.2	367.7	367.9	368.2	368.5
130°	337.5	340.5	343.3	345.9	348.4	351.4	351.4	351.6	351.7	351.9	352.0
132.5°	326.9	330.1	333.1	336.3	339.3	342.3	342.4	342.6	342.4	342.7	342.6
135°	321.2	324.2	326.9	330.1	332.8	335.7	335.6	335.7	335.4	335.6	335.5
137.5°	318.2	321.0	323.3	325.8	327.8	330.3	330.1	330.2	329.9	330.0	329.8
140°	317.2	319.4	321.2	323.3	325.2	327.1	326.8	326.6	326.2	326.0	325.5
142.5°	317.2	318.9	320.3	322.0	323.4	325.0	324.1	323.6	323.0	322.4	321.8
145°	319.0	320.3	321.4	322.5	323.3	324.5	323.5	322.8	321.7	321.0	320.2
147.5°	319.3	320.3	320.8	321.8	322.2	323.1	322.1	321.3	320.4	319.3	318.4
150°	318.7	319.8	320.3	321.0	321.5	322.2	321.1	320.2	319.0	318.0	317.0
152.5°	316.9	317.6	318.1	318.6	319.1	319.7	318.5	317.8	316.6	315.6	314.5
155°	316.4	317.1	317.3	317.9	318.0	318.4	317.4	316.8	315.8	314.9	313.9
157.5°	317.1	317.7	318.1	318.3	318.6	319.0	318.3	317.8	317.0	316.4	315.6
160°	318.6	319.0	319.4	319.8	320.2	320.3	319.7	319.3	318.7	318.0	317.4
162.5°	321.2	321.9	322.3	322.6	323.1	323.5	322.8	322.3	321.6	320.9	320.2
165°	323.7	324.1	324.5	324.9	325.0	325.4	324.9	324.6	324.1	323.7	323.1
167.5°	327.2	327.7	328.0	328.4	328.5	328.8	328.3	328.2	327.6	327.2	326.7
170°	329.7	330.2	330.8	331.1	331.4	331.6	331.4	331.1	330.5	330.2	329.7
172.5°	333.0	333.5	333.6	333.9	334.0	334.4	334.0	333.6	333.2	332.8	332.3
175°	333.7	333.8	334.1	334.1	334.1	334.2	333.9	333.5	333.2	332.8	332.5
177.5°	335.3	335.3	335.3	335.2	335.2	335.2	335.0	334.7	334.5	334.3	333.8
180°	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7



TEST NUMBER: P1444400
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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8
2.5°	36300.3	36284.5	36274.4	36261.4	36253.6	36243.5	36236.1	36229.9	36224.8	36220.1	36216.6
5°	36810.7	36729.6	36666.7	36598.4	36542.4	36486.5	36443.6	36407.8	36383.2	36364.8	36353.8
7.5°	37460.6	37312.1	37180.0	37041.0	36916.4	36793.8	36688.1	36597.1	36528.8	36484.5	36457.7
10°	38041.0	37842.2	37645.6	37438.6	37242.3	37052.0	36876.3	36721.7	36599.5	36518.1	36470.7
12.5°	38301.2	38131.8	37931.0	37706.2	37465.8	37222.4	36985.2	36771.3	36591.8	36471.3	36401.8
15°	38072.1	38002.5	37866.3	37691.8	37463.6	37212.0	36933.5	36671.7	36431.0	36274.8	36184.3
17.5°	37326.7	37423.8	37413.3	37346.6	37182.6	36970.8	36686.9	36393.0	36091.7	35883.1	35769.0
20°	36068.9	36374.0	36528.8	36608.2	36543.8	36406.5	36149.5	35851.1	35500.1	35227.6	35061.2
22.5°	34301.4	34840.0	35175.7	35421.3	35473.4	35426.7	35199.8	34915.9	34524.7	34197.0	33951.4
25°	32025.9	32815.1	33345.5	33761.5	33923.0	33964.8	33771.6	33489.4	33053.2	32671.6	32334.3
27.5°	29345.8	30371.2	31079.4	31638.3	31890.6	31999.9	31822.2	31534.3	31018.3	30562.7	30122.1
30°	26328.4	27545.0	28397.8	29067.9	29375.4	29519.9	29331.1	29009.8	28409.2	27861.1	27306.0
32.5°	23098.9	24430.2	25359.5	26087.2	26391.9	26527.9	26280.9	25920.0	25225.8	24580.0	23932.8
35°	19717.7	21061.4	21998.6	22706.9	22962.2	23044.2	22728.4	22311.2	21542.1	20833.4	20127.5
37.5°	16267.6	17517.8	18369.5	19005.2	19163.2	19177.4	18796.9	18336.1	17527.7	16828.9	16126.2
40°	12847.3	13901.6	14589.3	15098.2	15153.0	15104.0	14690.3	14226.6	13470.5	12844.4	12227.5
42.5°	9625.6	10421.5	10912.0	11260.7	11240.1	11143.4	10764.1	10365.4	9741.6	9264.7	8779.2
45°	6865.4	7390.2	7677.1	7881.1	7815.6	7723.5	7428.3	7148.9	6724.9	6416.9	6090.6
47.5°	4769.5	5396.1	5287.1	5686.0	5342.3	5569.3	5096.6	4835.9	4610.9	4447.3	4262.9
50°	3414.6	3558.1	3627.6	3674.9	3649.7	3614.8	3529.9	3454.0	3351.2	3276.3	3188.9
52.5°	2637.0	2708.8	2748.1	2776.6	2770.9	2758.2	2721.2	2687.4	2639.2	2607.6	2569.3
55°	2233.6	2234.7	2307.0	2276.0	2321.8	2268.1	2289.2	2229.8	2239.4	2188.3	2153.9
57.5°	1856.1	1885.5	1898.7	1911.6	1907.9	1905.7	1891.4	1884.1	1868.0	1863.0	1851.5
60°	1632.7	1648.0	1651.2	1657.2	1652.1	1650.3	1639.1	1635.1	1624.3	1622.3	1614.6
62.5°	1479.5	1487.4	1487.4	1487.4	1480.9	1474.8	1462.3	1455.8	1446.6	1444.6	1440.1
65°	1351.7	1359.8	1361.1	1362.9	1358.2	1353.4	1342.4	1335.3	1325.8	1322.2	1317.1
67.5°	1219.7	1228.4	1231.3	1235.7	1233.1	1232.1	1224.6	1221.8	1215.5	1214.0	1209.4
70°	1116.1	1119.7	1119.4	1119.3	1113.4	1108.2	1099.5	1095.4	1088.8	1087.5	1083.2
72.5°	1054.4	1057.0	1055.4	1053.1	1045.5	1037.8	1027.6	1020.1	1011.5	1006.2	1000.1
75°	967.6	971.1	968.8	967.4	960.6	955.5	947.4	943.2	937.2	935.4	931.3
77.5°	861.1	862.7	859.3	858.9	853.6	850.4	844.2	843.2	838.8	838.9	834.9
80°	742.5	741.6	736.0	735.0	729.7	728.4	723.6	723.9	720.3	721.8	719.0
82.5°	610.9	607.6	600.3	598.1	592.1	591.6	588.3	591.1	589.0	592.1	590.3
85°	437.8	438.8	435.6	435.6	433.9	434.4	434.1	436.1	436.4	439.3	439.2
87.5°	244.1	247.6	246.9	250.1	250.0	253.7	254.8	260.1	260.8	265.8	265.8
90°	89.9	94.7	92.8	97.8	97.2	102.6	102.9	108.5	108.0	112.7	111.2
92.5°	47.8	44.8	42.0	38.8	37.3	35.5	34.7	32.6	31.4	29.6	28.2
95°	59.6	54.6	49.5	44.5	42.8	41.0	39.3	37.5	35.7	34.0	32.3
97.5°	67.4	61.3	55.4	49.4	47.9	46.4	44.9	43.4	41.9	40.4	38.9
100°	91.1	80.0	68.9	57.7	56.4	55.2	53.9	52.7	51.4	49.9	48.6
102.5°	186.0	162.2	138.6	114.9	110.5	105.9	101.5	97.0	92.4	88.0	83.5
105°	348.6	310.3	271.9	233.6	221.4	209.2	197.1	184.7	172.5	160.3	148.2
107.5°	528.1	489.2	450.3	411.4	389.1	366.6	344.0	321.3	299.0	276.3	253.7
110°	629.5	601.2	572.8	544.4	526.4	508.2	490.1	471.9	454.0	435.7	417.5



TEST NUMBER: P1444400
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL18

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	647.7	627.5	607.3	586.8	578.9	570.6	562.6	554.3	546.2	537.8	529.6
115°	609.8	596.4	582.7	569.0	566.4	563.5	560.8	557.8	555.1	552.0	549.0
117.5°	548.5	540.9	533.5	525.9	526.4	527.1	527.8	528.3	528.8	529.2	529.6
120°	484.9	482.0	479.0	475.8	478.8	481.3	484.1	486.5	489.2	491.5	493.8
122.5°	433.7	432.6	431.8	430.5	434.0	437.3	440.4	443.6	446.7	449.4	452.2
125°	394.2	393.8	393.6	393.1	396.6	400.0	403.3	406.2	409.5	412.2	415.0
127.5°	368.9	369.1	369.5	369.6	372.3	374.5	377.1	379.2	381.5	383.3	385.4
130°	352.1	352.1	352.4	352.4	354.9	357.1	359.5	361.4	363.5	365.2	367.0
132.5°	342.8	342.7	342.8	342.7	344.7	346.4	348.2	349.5	351.1	352.1	353.4
135°	335.5	335.2	335.3	335.1	336.9	338.6	340.2	341.5	343.1	344.0	345.0
137.5°	329.9	329.6	329.5	329.3	331.1	332.6	334.1	335.3	336.5	337.5	338.3
140°	325.4	325.0	324.8	324.4	325.9	327.2	328.6	329.7	330.9	331.6	332.5
142.5°	321.2	320.3	320.0	319.1	320.3	321.3	322.3	323.1	324.0	324.5	325.0
145°	319.2	318.1	317.4	316.4	317.3	318.1	318.9	319.8	320.2	320.6	321.1
147.5°	317.7	316.5	315.6	314.6	315.5	316.0	316.5	316.9	317.5	317.7	318.0
150°	315.9	314.6	313.6	312.5	312.9	313.3	313.7	314.2	314.5	314.6	314.9
152.5°	313.4	312.3	311.2	309.9	310.2	310.5	310.7	310.8	311.1	311.2	311.2
155°	313.1	312.0	311.0	309.8	310.2	310.2	310.4	310.5	310.4	310.4	310.4
157.5°	314.8	313.8	313.2	312.2	312.1	312.1	312.1	311.7	311.7	311.4	311.1
160°	316.9	316.0	315.3	314.5	314.3	314.2	314.3	313.8	313.7	313.2	313.0
162.5°	319.3	318.5	317.6	316.7	316.5	316.5	316.3	315.9	315.8	315.4	315.1
165°	322.7	322.0	321.4	320.6	320.5	320.2	320.1	319.4	319.2	318.6	318.2
167.5°	326.1	325.5	324.8	324.0	323.9	323.9	323.7	323.4	323.4	322.9	322.8
170°	329.3	328.7	328.3	327.7	327.4	327.3	327.0	326.7	326.3	326.1	325.7
172.5°	331.8	331.3	330.8	329.9	329.9	329.8	329.5	329.4	329.0	328.7	328.6
175°	332.0	331.7	331.0	330.6	330.5	330.4	330.2	330.1	329.8	329.7	329.4
177.5°	333.6	333.4	332.9	332.7	332.5	332.5	332.4	332.3	332.3	332.1	332.0
180°	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7



TEST NUMBER: P1444400
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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	36073.8	36073.8
2.5°	36213.4	36211.6
5°	36348.0	36345.9
7.5°	36450.4	36449.8
10°	36462.5	36468.8
12.5°	36389.8	36394.8
15°	36177.3	36187.3
17.5°	35771.2	35784.2
20°	35071.4	35084.9
22.5°	33938.2	33943.9
25°	32290.7	32267.3
27.5°	30044.7	30004.4
30°	27189.4	27150.5
32.5°	23785.2	23760.8
35°	19953.1	19937.7
37.5°	15918.6	15887.3
40°	12002.0	11910.7
42.5°	8566.7	8406.7
45°	5920.3	5730.6
47.5°	4133.0	4015.7
50°	3132.7	3094.9
52.5°	2552.6	2543.8
55°	2153.8	2149.9
57.5°	1854.0	1852.7
60°	1618.6	1618.2
62.5°	1443.1	1443.8
65°	1319.5	1319.7
67.5°	1210.6	1209.8
70°	1084.8	1083.9
72.5°	998.2	996.7
75°	931.3	930.4
77.5°	836.2	834.6
80°	720.8	719.0
82.5°	592.9	590.8
85°	442.2	442.3
87.5°	270.6	270.4
90°	115.6	113.5
92.5°	26.9	25.7
95°	30.6	28.9
97.5°	37.4	35.9
100°	47.4	46.1
102.5°	79.0	74.6
105°	136.0	123.8
107.5°	231.2	208.7
110°	399.4	381.2



TEST NUMBER: P1444400
CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL18

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	521.2	513.0
115°	545.9	542.8
117.5°	529.9	530.0
120°	495.8	498.1
122.5°	454.9	457.4
125°	417.6	420.1
127.5°	387.0	388.5
130°	368.0	369.5
132.5°	354.2	354.8
135°	345.5	346.2
137.5°	338.7	339.3
140°	332.8	333.2
142.5°	325.3	325.5
145°	321.3	321.4
147.5°	317.6	317.7
150°	314.7	314.6
152.5°	311.0	311.0
155°	310.1	309.9
157.5°	310.6	310.3
160°	312.5	312.2
162.5°	314.5	314.2
165°	317.6	317.0
167.5°	322.2	322.0
170°	325.3	325.0
172.5°	328.2	327.9
175°	329.3	329.2
177.5°	332.0	331.7
180°	333.7	333.7



TEST NUMBER: P1444400
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL18

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	17.46	18.56	17.91	18.98	19.42	15.84	16.94	16.29	17.36	17.80
	3H	19.01	19.99	19.48	20.43	20.91	18.27	19.25	18.74	19.68	20.17
	4H	19.80	20.72	20.29	21.17	21.68	19.38	20.30	19.87	20.75	21.26
	6H	20.57	21.41	21.08	21.88	22.40	20.43	21.27	20.93	21.74	22.25
	8H	20.89	21.68	21.40	22.17	22.70	20.87	21.66	21.38	22.15	22.68
	12H	21.13	21.89	21.65	22.37	22.92	21.22	21.98	21.74	22.46	23.01
4H	2H	17.84	18.75	18.33	19.21	19.71	16.55	17.47	17.04	17.92	18.42
	3H	19.71	20.47	20.21	20.97	21.49	19.18	19.93	19.68	20.43	20.96
	4H	20.72	21.40	21.24	21.91	22.47	20.43	21.11	20.95	21.62	22.19
	6H	21.67	22.26	22.22	22.80	23.38	21.61	22.20	22.16	22.74	23.32
	8H	22.06	22.61	22.61	23.14	23.73	22.11	22.66	22.67	23.20	23.78
	12H	22.37	22.85	22.94	23.42	24.01	22.53	23.01	23.10	23.58	24.17
8H	4H	21.09	21.64	21.65	22.18	22.76	20.85	21.39	21.40	21.93	22.52
	6H	22.25	22.70	22.84	23.28	23.88	22.20	22.64	22.78	23.23	23.82
	8H	22.76	23.16	23.36	23.76	24.36	22.80	23.20	23.40	23.80	24.40
	12H	23.19	23.54	23.79	24.12	24.80	23.33	23.68	23.92	24.26	24.94
12H	4H	21.14	21.62	21.71	22.19	22.78	20.90	21.39	21.47	21.96	22.55
	6H	22.36	22.76	22.96	23.36	23.97	22.31	22.71	22.91	23.31	23.92
	8H	22.95	23.30	23.55	23.88	24.56	22.98	23.33	23.58	23.91	24.59

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: SP1-2506-472-1

Test Date: 07/30/2025

Luminaire Tested: EHBR-60-L840-N

Data in this report applies to families of products including EHBR-60-L840-N

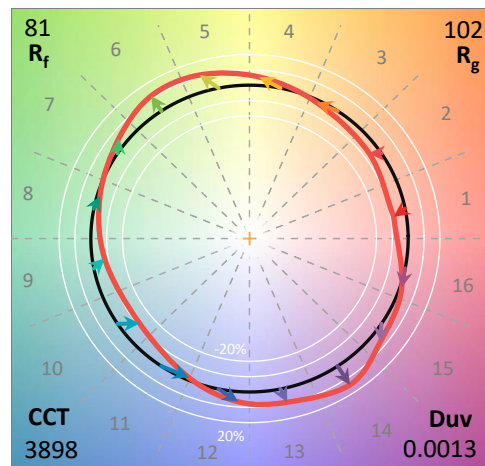
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-472-1
 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-L840-N**
 Description: Elevate Round Highbay at, 60000 lumens, 4000K 80CRI LEDs with N lens

Spectral Parameters

CCT (K): 3898
 CIE u': 0.2263
 CIE v': 0.5052
 Duv: 0.0013
 CIE x: 0.3861
 CIE y: 0.3831
 CIE z: 0.2308
 Peak Wavelength (nm): 630
 Dominant Wavelength (nm): 578
 Purity: 30.85729
 Rf: 80.7
 Rg: 102.1

CRI (Ra):	82.1		
R1:	84.4	R9:	38.5
R2:	83.5	R10:	58.9
R3:	80.8	R11:	83.6
R4:	83.9	R12:	54.2
R5:	82.1	R13:	82.8
R6:	77.3	R14:	88.2
R7:	86.4	R15:	81.2
R8:	78.3		



Test Conditions
 Stabilization Time: 42M
 Operation Time: 1H 42M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2506-472-1

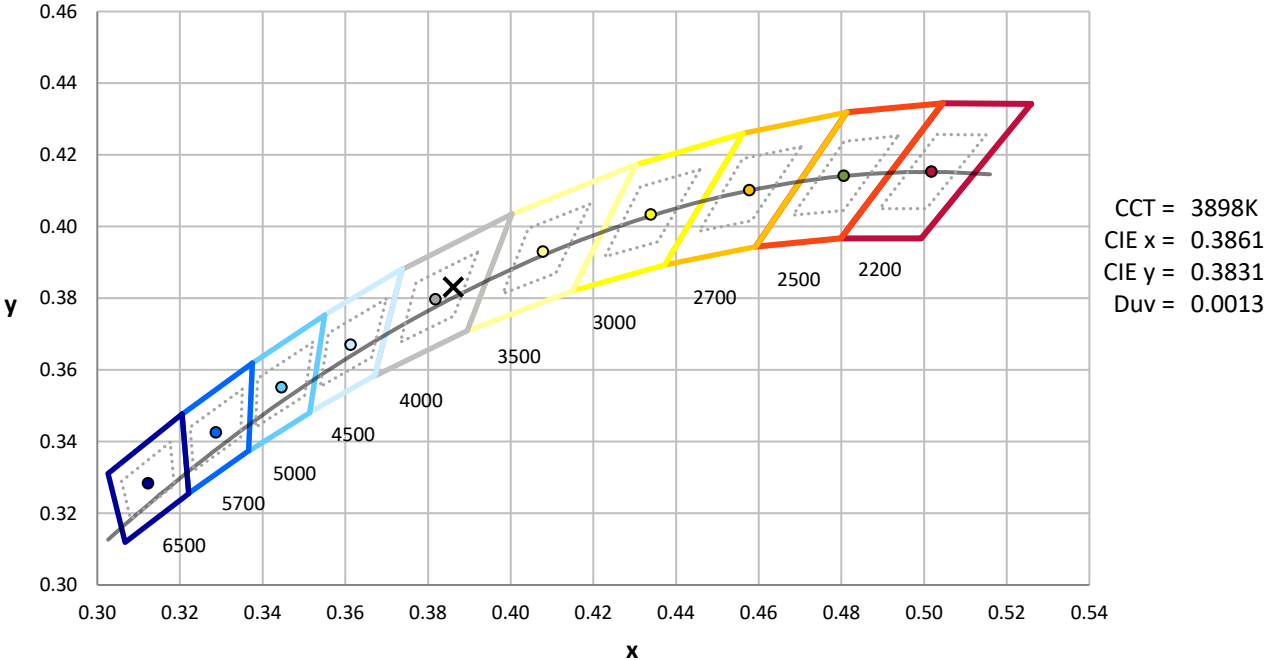
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208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

CIE 1931 Chromaticity Diagram



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

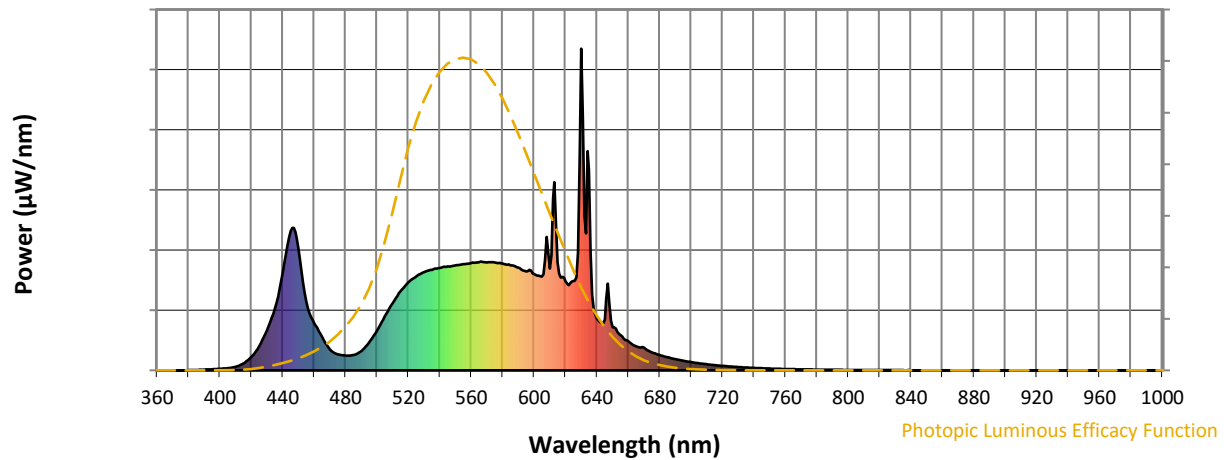


CCT = 3898K
 CIE x = 0.3861
 CIE y = 0.3831
 Duv = 0.0013

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-1

Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	60	NR	620	277	NR	750	6	NR	880	0	NR
365	0	NR	495	87	NR	625	278	NR	755	5	NR	885	0	NR
370	0	NR	500	124	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	168	NR	635	623	NR	765	4	NR	895	0	NR
380	1	NR	510	209	NR	640	162	NR	770	3	NR	900	0	NR
385	1	NR	515	246	NR	645	158	NR	775	3	NR	905	0	NR
390	2	NR	520	273	NR	650	134	NR	780	2	NR	910	0	NR
395	4	NR	525	292	NR	655	109	NR	785	2	NR	915	0	NR
400	5	NR	530	305	NR	660	91	NR	790	2	NR	920	0	NR
405	7	NR	535	313	NR	665	75	NR	795	2	NR	925	0	NR
410	11	NR	540	319	NR	670	70	NR	800	1	NR	930	0	NR
415	21	NR	545	323	NR	675	56	NR	805	1	NR	935	0	NR
420	42	NR	550	326	NR	680	47	NR	810	1	NR	940	0	NR
425	76	NR	555	330	NR	685	41	NR	815	1	NR	945	0	NR
430	125	NR	560	333	NR	690	35	NR	820	1	NR	950	0	NR
435	193	NR	565	336	NR	695	30	NR	825	1	NR	955	0	NR
440	302	NR	570	336	NR	700	26	NR	830	1	NR	960	0	NR
445	432	NR	575	335	NR	705	22	NR	835	1	NR	965	0	NR
450	380	NR	580	332	NR	710	19	NR	840	0	NR	970	0	NR
455	213	NR	585	326	NR	715	16	NR	845	0	NR	975	0	NR
460	147	NR	590	319	NR	720	14	NR	850	0	NR	980	0	NR
465	104	NR	595	307	NR	725	12	NR	855	0	NR	985	0	NR
470	65	NR	600	299	NR	730	10	NR	860	0	NR	990	0	NR
475	50	NR	605	291	NR	735	9	NR	865	0	NR	995	0	NR
480	46	NR	610	317	NR	740	8	NR	870	0	NR	1000	0	NR
485	47	NR	615	336	NR	745	7	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-1

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.55

λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)
360	0	NR	490	60	NR	620	277	NR	750	6	NR	880	0	NR
365	0	NR	495	87	NR	625	278	NR	755	5	NR	885	0	NR
370	0	NR	500	124	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	168	NR	635	623	NR	765	4	NR	895	0	NR
380	1	NR	510	209	NR	640	162	NR	770	3	NR	900	0	NR
385	1	NR	515	246	NR	645	158	NR	775	3	NR	905	0	NR
390	2	NR	520	273	NR	650	134	NR	780	2	NR	910	0	NR
395	4	NR	525	292	NR	655	109	NR	785	2	NR	915	0	NR
400	5	NR	530	305	NR	660	91	NR	790	2	NR	920	0	NR
405	7	NR	535	313	NR	665	75	NR	795	2	NR	925	0	NR
410	11	NR	540	319	NR	670	70	NR	800	1	NR	930	0	NR
415	21	NR	545	323	NR	675	56	NR	805	1	NR	935	0	NR
420	42	NR	550	326	NR	680	47	NR	810	1	NR	940	0	NR
425	76	NR	555	330	NR	685	41	NR	815	1	NR	945	0	NR
430	125	NR	560	333	NR	690	35	NR	820	1	NR	950	0	NR
435	193	NR	565	336	NR	695	30	NR	825	1	NR	955	0	NR
440	302	NR	570	336	NR	700	26	NR	830	1	NR	960	0	NR
445	432	NR	575	335	NR	705	22	NR	835	1	NR	965	0	NR
450	380	NR	580	332	NR	710	19	NR	840	0	NR	970	0	NR
455	213	NR	585	326	NR	715	16	NR	845	0	NR	975	0	NR
460	147	NR	590	319	NR	720	14	NR	850	0	NR	980	0	NR
465	104	NR	595	307	NR	725	12	NR	855	0	NR	985	0	NR
470	65	NR	600	299	NR	730	10	NR	860	0	NR	990	0	NR
475	50	NR	605	291	NR	735	9	NR	865	0	NR	995	0	NR
480	46	NR	610	317	NR	740	8	NR	870	0	NR	1000	0	NR
485	47	NR	615	336	NR	745	7	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.99

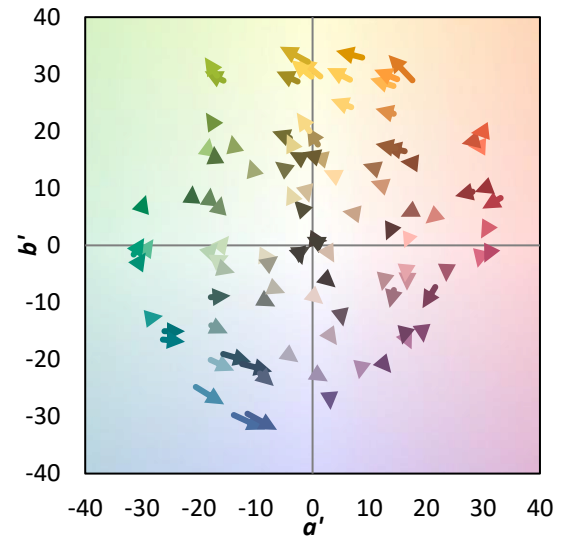
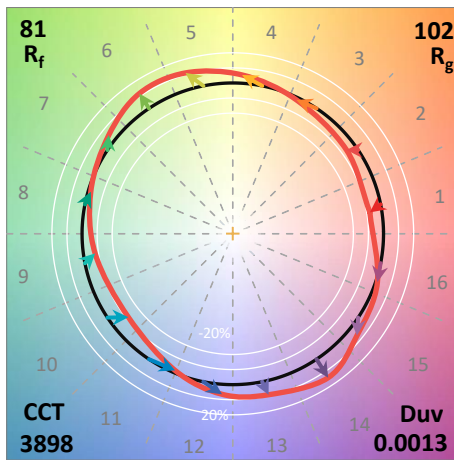
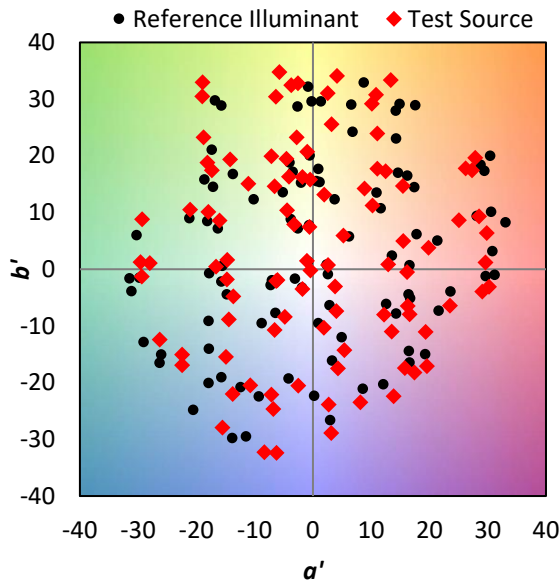
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	60	NR	620	277	NR	750	6	NR	880	0	NR
365	0	NR	495	87	NR	625	278	NR	755	5	NR	885	0	NR
370	0	NR	500	124	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	168	NR	635	623	NR	765	4	NR	895	0	NR
380	1	NR	510	209	NR	640	162	NR	770	3	NR	900	0	NR
385	1	NR	515	246	NR	645	158	NR	775	3	NR	905	0	NR
390	2	NR	520	273	NR	650	134	NR	780	2	NR	910	0	NR
395	4	NR	525	292	NR	655	109	NR	785	2	NR	915	0	NR
400	5	NR	530	305	NR	660	91	NR	790	2	NR	920	0	NR
405	7	NR	535	313	NR	665	75	NR	795	2	NR	925	0	NR
410	11	NR	540	319	NR	670	70	NR	800	1	NR	930	0	NR
415	21	NR	545	323	NR	675	56	NR	805	1	NR	935	0	NR
420	42	NR	550	326	NR	680	47	NR	810	1	NR	940	0	NR
425	76	NR	555	330	NR	685	41	NR	815	1	NR	945	0	NR
430	125	NR	560	333	NR	690	35	NR	820	1	NR	950	0	NR
435	193	NR	565	336	NR	695	30	NR	825	1	NR	955	0	NR
440	302	NR	570	336	NR	700	26	NR	830	1	NR	960	0	NR
445	432	NR	575	335	NR	705	22	NR	835	1	NR	965	0	NR
450	380	NR	580	332	NR	710	19	NR	840	0	NR	970	0	NR
455	213	NR	585	326	NR	715	16	NR	845	0	NR	975	0	NR
460	147	NR	590	319	NR	720	14	NR	850	0	NR	980	0	NR
465	104	NR	595	307	NR	725	12	NR	855	0	NR	985	0	NR
470	65	NR	600	299	NR	730	10	NR	860	0	NR	990	0	NR
475	50	NR	605	291	NR	735	9	NR	865	0	NR	995	0	NR
480	46	NR	610	317	NR	740	8	NR	870	0	NR	1000	0	NR
485	47	NR	615	336	NR	745	7	NR	875	0	NR			

Summary

$R_f = 80.7$
 $R_g = 102.1$
 CIE $R_a = 82.1$
 $R_9 = 38.5$

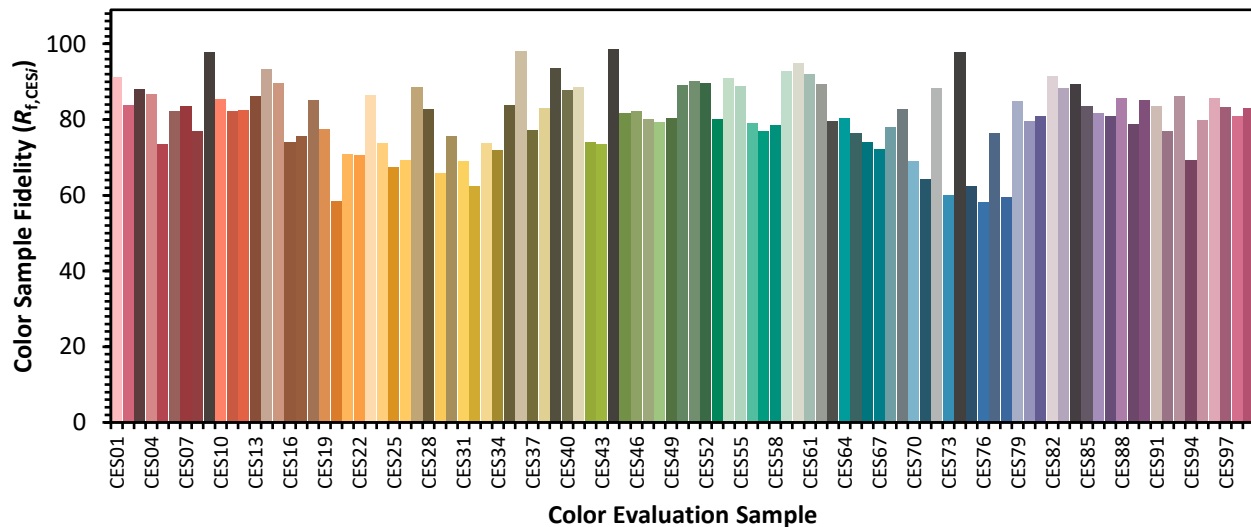


Color Vector Graphics



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

CES01 = 85	CES26 = 69	CES51 = 90	CES76 = 58
CES02 = 61	CES27 = 89	CES52 = 90	CES77 = 76
CES03 = 31	CES28 = 83	CES53 = 80	CES78 = 60
CES04 = 69	CES29 = 66	CES54 = 91	CES79 = 85
CES05 = 48	CES30 = 76	CES55 = 89	CES80 = 79
CES06 = 50	CES31 = 69	CES56 = 79	CES81 = 81
CES07 = 41	CES32 = 62	CES57 = 77	CES82 = 91
CES08 = 40	CES33 = 74	CES58 = 79	CES83 = 88
CES09 = 29	CES34 = 72	CES59 = 93	CES84 = 89
CES10 = 74	CES35 = 84	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 92	CES86 = 82
CES12 = 63	CES37 = 77	CES62 = 89	CES87 = 81
CES13 = 43	CES38 = 83	CES63 = 80	CES88 = 86
CES14 = 74	CES39 = 94	CES64 = 80	CES89 = 79
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 85
CES16 = 47	CES41 = 89	CES66 = 74	CES91 = 83
CES17 = 49	CES42 = 74	CES67 = 72	CES92 = 77
CES18 = 56	CES43 = 73	CES68 = 78	CES93 = 86
CES19 = 71	CES44 = 98	CES69 = 83	CES94 = 69
CES20 = 65	CES45 = 82	CES70 = 69	CES95 = 80
CES21 = 86	CES46 = 82	CES71 = 64	CES96 = 86
CES22 = 78	CES47 = 80	CES72 = 88	CES97 = 83
CES23 = 91	CES48 = 79	CES73 = 60	CES98 = 81
CES24 = 90	CES49 = 80	CES74 = 98	CES99 = 83
CES25 = 71	CES50 = 89	CES75 = 62	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)