

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: P1444618

Luminaire Tested: EHBR1-48-UNV-TA-L850-UPL12

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444618
REPORT IS A COMBINATION OF REPORTS P1444306 AND P1431635
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-48-UNV-TA-L850-UPL12
Description: Elevate Round Highbay at, 48000 lumens, 5000K 80CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

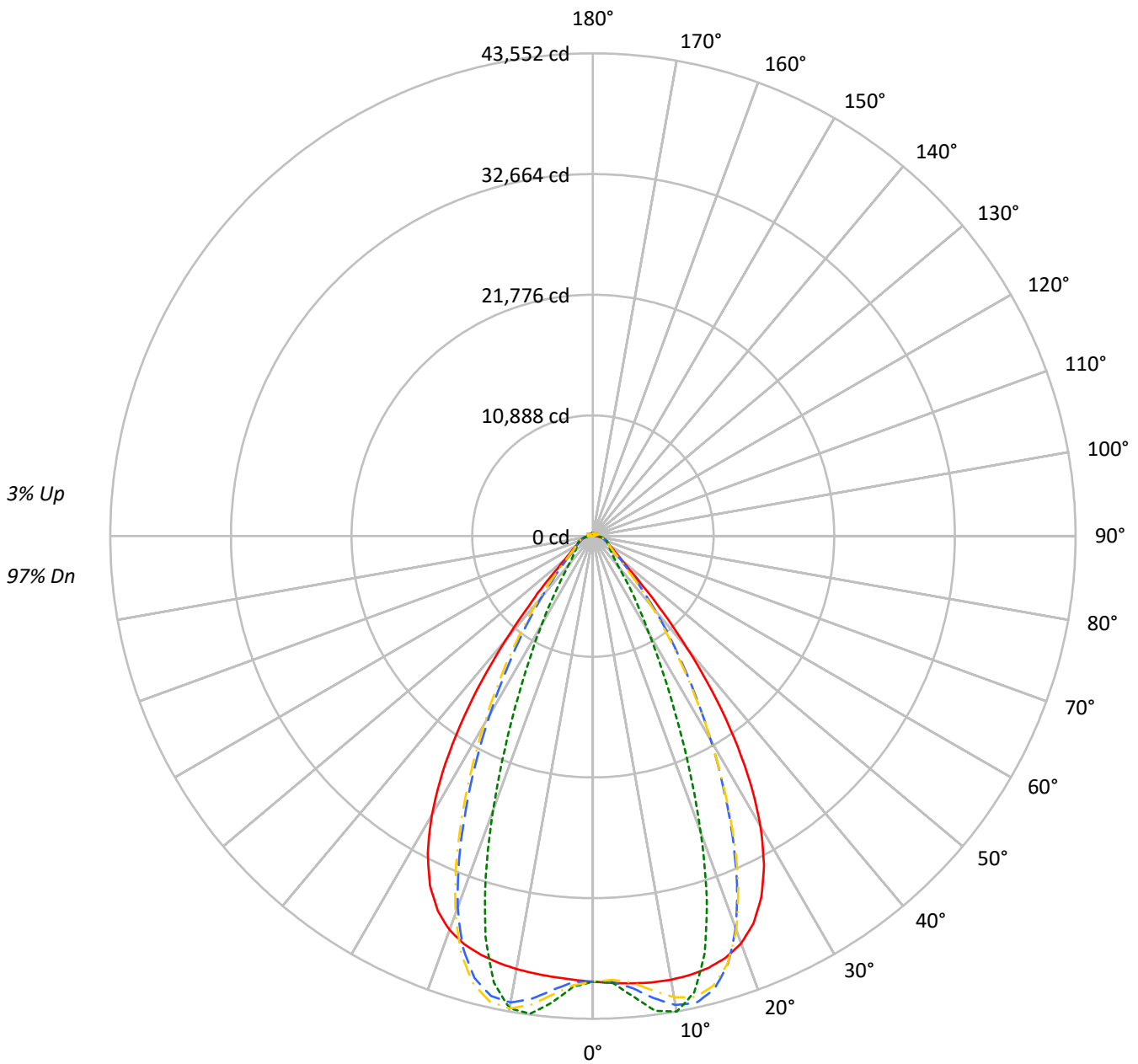
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 47731.9 lumens
Efficiency: N/A
Efficacy: 179.4 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 0.77 / 0.88
Luminous Opening: Vertical Cylinder (Dia: 1.71' x H: 0.1')
CIE Type: Direct

Input Watts (W): 266
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

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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	109	109	109	104	104	104	99	99	99	99	99	99	97
1	111	108	105	102	108	105	103	100	101	98	96	96	95	93	92	91	90	92	91	90	88
2	104	99	94	90	102	97	92	88	93	89	86	89	86	84	86	84	81	86	84	81	79
3	98	91	85	80	96	89	83	79	86	81	77	83	79	76	80	77	74	80	77	74	72
4	92	84	77	72	90	82	76	72	80	74	70	77	73	69	75	71	68	75	71	68	66
5	87	78	71	66	85	76	70	65	74	69	65	72	67	64	70	66	63	70	66	63	61
6	82	72	65	60	80	71	65	60	69	64	59	67	63	59	66	61	58	66	61	58	56
7	78	67	61	56	76	66	60	56	65	59	55	63	58	55	62	57	54	62	57	54	52
8	74	63	56	52	72	62	56	52	61	55	51	60	54	51	58	54	50	58	54	50	49
9	70	59	53	48	68	59	52	48	57	52	48	56	51	47	55	50	47	55	50	47	46
10	66	56	49	45	65	55	49	45	54	49	45	53	48	44	52	47	44	52	47	44	43

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	188793	188793	188793	188793
5°	189707	195239	187053	197797
10°	191291	204986	186703	203630
15°	192229	185818	186377	178337
20°	190242	138428	184016	128079
25°	180071	87548	174120	79434
30°	157306	52610	151213	48081
35°	121064	33013	114100	29243
40°	76584	20708	70068	19459
45°	39473	16133	38819	15868
50°	23143	14350	22433	14126
55°	17730	13576	17074	13454
60°	15002	13868	14362	13689
65°	14091	14483	13551	13990
70°	13766	15166	13080	14595
75°	14720	16084	13923	15373
80°	15230	17809	13810	16258
85°	14344	17184	11592	14714

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 60408 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3962.0	8.3
10°-20°	11145.6	23.4
20°-30°	12693.9	26.6
30°-40°	9123.8	19.1
40°-50°	4207.9	8.8
50°-60°	2013.6	4.2
60°-70°	1469.3	3.1
70°-80°	1116.2	2.3
80°-90°	509.8	1.1
90°-100°	47.7	0.1
100°-110°	218.9	0.5
110°-120°	403.3	0.8
120°-130°	261.2	0.5
130°-140°	186.7	0.4
140°-150°	153.5	0.3
150°-160°	116.6	0.2
160°-170°	75.1	0.2
170°-180°	26.7	0.1
0°-30°	27801.5	58.2
0°-40°	36925.3	77.4
0°-60°	43146.9	90.4
0°-90°	46242.2	96.9
90°-120°	669.9	1.4
90°-150°	1271.3	2.7
90°-180°	1490.0	3.1
0°-180°	47731.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	40202	40202	40202	40202	40202	
5°	40506	41687	39939	42233	40506	3871
15°	40329	38984	39101	37414	40329	11363
25°	35960	17483	34772	15863	35960	16302
35°	22220	6059	20941	5367	22220	13637
45°	6386	2610	6281	2567	6386	5432
55°	2396	1835	2307	1818	2396	2212
65°	1471	1512	1414	1460	1471	1469
75°	1037	1133	981	1083	1037	1078
85°	493	591	398	506	493	463
90°	120	156	25	34	120	77
95°	21	23	22	23	21	20
105°	84	104	60	104	84	110
115°	358	421	374	422	358	332
125°	290	283	325	285	290	264
135°	256	208	273	212	256	199
145°	251	227	264	233	251	158
155°	252	244	264	249	252	117
165°	266	260	274	263	266	75
175°	280	281	284	282	280	27
180°	284	284	284	284	284	



TEST NUMBER: P1444618
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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40355.8	40352.5	40351.9	40349.2	40348.4	40348.4	40347.0	40343.7	40341.7	40337.1	40331.9
5°	40505.5	40503.8	40504.8	40505.1	40502.3	40496.0	40486.2	40474.1	40458.9	40444.6	40431.8
7.5°	40621.3	40624.2	40627.7	40626.9	40618.2	40603.5	40583.3	40572.0	40578.7	40600.6	40650.7
10°	40642.5	40659.7	40666.4	40664.4	40646.8	40634.1	40639.0	40681.7	40766.4	40879.5	41034.2
12.5°	40560.0	40581.3	40580.5	40573.5	40556.5	40573.8	40635.5	40762.3	40944.0	41167.1	41428.7
15°	40328.7	40356.1	40348.4	40339.2	40327.9	40384.7	40507.9	40728.1	41008.8	41323.4	41645.4
17.5°	39879.4	39912.5	39896.4	39886.2	39876.7	39983.1	40194.7	40517.1	40870.7	41226.5	41531.7
20°	39100.3	39122.5	39084.2	39066.1	39081.3	39289.8	39601.6	40013.4	40386.1	40722.5	40931.1
22.5°	37828.5	37856.1	37784.1	37775.8	37864.7	38184.8	38579.4	39039.8	39389.9	39656.5	39736.9
25°	35960.1	35987.3	35901.8	35952.9	36103.9	36540.1	37010.0	37502.4	37801.1	37998.8	37944.1
27.5°	33438.3	33463.1	33381.9	33486.3	33725.2	34298.1	34851.2	35385.4	35651.6	35790.0	35614.7
30°	30257.7	30309.1	30213.3	30358.9	30723.5	31467.4	32101.1	32700.1	32965.6	33070.9	32797.9
32.5°	26480.2	26553.2	26447.7	26664.2	27173.0	28066.6	28786.5	29455.7	29749.4	29869.6	29561.4
35°	22219.5	22324.3	22203.2	22528.4	23155.7	24150.9	24948.0	25695.2	26043.0	26213.5	25902.8
37.5°	17705.6	17805.6	17739.9	18173.7	18862.7	19894.2	20707.8	21513.9	21906.6	22162.5	21917.5
40°	13273.9	13365.4	13415.0	13911.0	14558.9	15531.2	16312.6	17110.2	17549.6	17870.7	17719.6
42.5°	9368.8	9461.0	9629.7	10108.2	10648.6	11453.4	12122.8	12838.9	13258.5	13601.1	13542.9
45°	6386.5	6493.6	6704.8	7096.8	7487.5	8064.9	8556.4	9113.4	9456.2	9770.0	9773.7
47.5°	4475.4	4550.6	4739.4	5007.0	5261.8	5984.5	6014.2	6287.9	6518.3	6752.9	6783.2
50°	3449.1	3494.4	3594.5	3743.7	3888.0	4075.6	4247.4	4445.7	4587.5	4716.1	4746.8
52.5°	2835.0	2863.6	2914.6	2995.4	3079.1	3181.2	3273.1	3382.0	3459.2	3528.0	3542.5
55°	2396.0	2419.8	2495.7	2511.0	2606.8	2625.2	2666.1	2732.4	2777.3	2818.5	2828.8
57.5°	2064.7	2082.0	2098.1	2132.5	2162.1	2204.9	2239.5	2287.0	2315.3	2345.2	2347.7
60°	1803.5	1815.9	1827.4	1851.3	1871.3	1901.2	1925.0	1957.3	1977.6	1999.9	2002.5
62.5°	1609.0	1617.9	1625.6	1641.3	1655.6	1678.6	1697.5	1724.5	1743.3	1760.6	1764.6
65°	1470.8	1477.2	1482.2	1494.1	1506.6	1526.2	1543.3	1565.4	1579.2	1592.5	1595.3
67.5°	1348.3	1354.5	1359.6	1370.5	1379.1	1393.7	1405.1	1421.7	1432.2	1442.7	1443.0
70°	1207.9	1213.7	1217.5	1227.7	1234.7	1247.2	1256.4	1271.4	1282.1	1293.9	1296.8
72.5°	1110.8	1114.2	1119.4	1128.6	1138.4	1151.7	1164.1	1179.6	1192.6	1204.8	1210.0
75°	1036.9	1040.9	1044.3	1052.2	1058.9	1070.2	1079.4	1093.6	1105.0	1118.0	1124.4
77.5°	930.2	934.8	937.8	945.6	951.4	962.3	969.2	981.9	991.1	1003.0	1008.8
80°	801.2	805.6	807.7	815.2	819.8	829.7	836.4	848.7	856.4	868.3	875.3
82.5°	658.4	662.5	663.7	670.8	673.4	681.5	686.4	698.9	708.4	723.9	734.6
85°	493.0	494.5	496.9	495.1	505.1	505.7	517.0	519.1	534.0	537.9	554.9
87.5°	301.5	305.9	308.1	315.0	318.0	324.8	326.9	334.2	338.2	346.5	350.5
90°	120.1	126.5	128.3	135.9	137.5	144.2	145.5	153.0	154.8	162.7	164.9
92.5°	19.3	20.2	21.0	22.4	23.4	25.1	26.6	27.9	28.9	30.6	32.7
95°	21.4	22.5	23.6	24.7	25.7	26.9	28.0	29.1	30.2	31.2	34.3
97.5°	26.2	27.2	28.1	29.1	30.1	30.9	31.9	32.9	33.8	34.6	38.4
100°	33.1	33.9	34.7	35.6	36.3	37.1	37.9	38.8	39.6	40.4	47.3
102.5°	52.0	54.8	57.7	60.5	63.4	66.2	69.2	71.9	74.8	77.6	92.4
105°	84.3	91.8	99.8	107.4	115.1	123.0	130.7	138.2	146.0	153.6	178.1
107.5°	139.4	153.6	168.1	182.4	196.8	211.0	225.3	239.6	253.8	267.9	292.7
110°	251.0	262.3	273.9	285.3	296.6	308.1	319.6	330.7	342.3	353.6	371.7



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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°	336.6	341.6	346.6	351.9	357.0	361.8	366.9	371.9	377.0	381.8	394.6
115°	357.5	359.1	361.0	362.4	364.1	365.6	367.2	368.6	370.3	371.6	380.1
117.5°	351.7	351.1	350.5	349.9	349.1	348.5	347.8	346.9	346.2	345.4	350.1
120°	334.0	331.9	330.1	327.9	326.0	323.8	321.8	319.6	317.4	315.0	316.9
122.5°	310.6	308.2	306.2	303.5	301.2	298.6	296.3	293.2	290.9	288.2	288.3
125°	289.9	287.4	285.4	282.7	279.9	277.4	274.7	272.0	269.3	266.3	266.1
127.5°	272.9	271.1	269.2	267.1	265.0	262.8	260.6	258.1	256.1	253.4	252.9
130°	263.9	262.4	260.5	258.5	256.6	254.3	252.1	249.8	247.6	245.2	244.5
132.5°	257.8	256.6	255.1	253.5	251.8	249.6	247.8	245.6	243.7	241.7	241.0
135°	255.7	254.2	253.0	251.4	249.7	247.6	245.7	243.6	241.7	239.5	239.0
137.5°	254.4	253.1	252.0	250.2	248.6	246.5	244.8	242.6	240.8	238.6	238.0
140°	253.4	252.3	251.0	249.3	247.8	246.1	244.1	242.2	240.3	238.2	237.7
142.5°	251.5	250.3	249.2	247.7	246.5	244.6	243.0	241.1	239.4	237.5	237.2
145°	251.2	250.2	249.3	247.9	246.6	244.9	243.4	241.5	240.2	238.4	238.1
147.5°	251.2	250.2	249.5	248.3	247.2	245.6	244.3	242.6	241.3	239.8	239.7
150°	251.2	250.4	249.7	248.6	247.4	246.1	244.8	243.4	242.0	240.6	240.4
152.5°	250.4	249.5	248.9	247.8	246.8	245.3	244.5	242.9	241.7	240.4	240.2
155°	251.7	250.9	249.9	249.1	247.9	246.8	245.6	244.5	243.3	242.0	241.8
157.5°	254.1	253.1	252.4	251.4	250.7	249.5	248.5	247.5	246.6	245.5	245.1
160°	257.7	256.8	256.0	255.1	254.1	252.9	252.1	251.1	250.4	249.2	249.0
162.5°	261.5	260.5	259.6	258.7	257.9	256.8	256.0	255.2	254.3	253.2	252.9
165°	265.6	265.0	264.3	263.5	262.8	262.1	261.3	260.4	259.7	258.7	258.5
167.5°	271.1	270.3	269.8	269.0	268.2	267.6	266.7	265.9	265.4	264.4	264.2
170°	275.0	274.3	273.9	273.4	272.8	272.2	271.7	271.1	270.5	269.9	269.8
172.5°	278.3	277.7	277.4	277.1	276.5	276.2	275.7	275.3	275.0	274.4	274.5
175°	280.1	279.7	279.6	279.3	279.0	278.7	278.5	278.2	278.2	277.8	277.7
177.5°	282.5	282.3	282.3	282.2	282.2	282.0	281.9	281.6	281.4	281.4	281.4
180°	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1



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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°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40327.9	40323.0	40316.3	40307.8	40300.5	40292.1	40271.9	40266.0	40272.6	40277.2	40286.4
5°	40423.7	40426.6	40427.6	40445.9	40461.7	40501.2	40810.5	40933.4	41028.5	41088.9	41180.5
7.5°	40712.7	40805.6	40897.6	41021.2	41127.9	41272.0	41813.1	42043.5	42207.2	42324.9	42469.7
10°	41202.3	41405.2	41595.5	41818.3	42010.0	42229.4	42733.1	42957.6	43099.2	43202.4	43298.6
12.5°	41695.5	41976.9	42231.2	42479.3	42686.7	42876.9	43054.1	43132.6	43139.3	43142.6	43091.5
15°	41952.3	42221.4	42445.4	42609.5	42731.4	42785.3	42480.3	42320.3	42118.1	41951.5	41677.5
17.5°	41790.2	41951.5	42048.4	42038.9	41988.5	41819.8	40956.0	40480.8	40009.1	39584.1	39026.6
20°	41069.5	41057.1	40972.9	40734.4	40447.0	40000.0	38519.0	37664.5	36838.4	36112.8	35232.5
22.5°	39728.6	39517.8	39223.6	38709.2	38137.8	37357.0	35234.6	33977.7	32827.6	31811.6	30673.4
25°	37786.0	37351.9	36809.4	35992.9	35105.0	33966.0	31350.2	29786.7	28405.9	27208.2	25895.0
27.5°	35299.7	34645.9	33850.9	32720.8	31517.8	30058.7	27158.5	25433.2	23950.8	22666.8	21269.1
30°	32356.2	31505.9	30479.3	29076.6	27625.6	25970.8	23029.3	21281.8	19781.3	18460.4	17061.6
32.5°	29029.8	28033.8	26830.8	25256.6	23687.4	21985.8	19145.2	17453.6	16020.3	14749.5	13483.5
35°	25360.9	24292.9	23020.2	21414.5	19854.7	18200.3	15593.9	14068.6	12802.9	11679.7	10657.4
37.5°	21425.4	20376.8	19167.1	17653.7	16207.3	14708.2	12459.2	11181.1	10118.9	9186.7	8397.3
40°	17333.5	16415.8	15369.2	14060.9	12826.5	11578.0	9731.8	8717.3	7879.2	7168.1	6576.6
42.5°	13291.8	12580.6	11778.0	10744.2	9799.5	8849.0	7428.0	6676.3	6055.5	5543.6	5125.4
45°	9643.6	9167.9	8629.6	7910.9	7257.2	6594.1	5582.8	5054.6	4650.3	4320.3	4041.2
47.5°	6741.4	6465.5	6448.7	5784.4	5305.1	4899.7	4248.2	3914.5	3666.7	3466.8	3290.0
50°	4734.3	4600.8	4435.0	4197.9	3975.5	3746.3	3349.4	3147.6	3002.5	2881.4	2769.6
52.5°	3539.2	3469.9	3381.6	3255.9	3135.2	3006.4	2755.2	2626.8	2581.1	2468.4	2379.9
55°	2826.9	2787.1	2736.8	2663.0	2589.7	2560.3	2345.0	2249.6	2189.3	2144.8	2097.3
57.5°	2348.1	2318.5	2288.7	2238.6	2196.2	2144.8	2030.5	1981.6	1945.7	1919.5	1886.6
60°	2003.0	1985.2	1968.5	1939.1	1916.2	1888.5	1815.9	1788.3	1769.6	1753.9	1732.8
62.5°	1767.8	1758.8	1750.1	1734.4	1722.8	1707.8	1658.2	1644.9	1635.5	1627.6	1614.8
65°	1598.1	1591.6	1586.8	1576.4	1570.6	1561.7	1519.2	1510.3	1504.4	1501.6	1494.1
67.5°	1443.9	1437.1	1433.9	1426.5	1424.1	1418.6	1383.7	1378.8	1376.9	1377.7	1375.1
70°	1299.7	1296.8	1298.4	1297.1	1300.4	1301.4	1280.3	1280.2	1282.4	1286.9	1287.3
72.5°	1213.2	1213.2	1214.9	1215.7	1218.8	1220.3	1202.7	1201.8	1202.8	1206.1	1206.2
75°	1131.0	1132.4	1136.8	1138.4	1142.0	1142.8	1119.5	1116.9	1117.0	1120.1	1119.1
77.5°	1017.1	1022.1	1030.6	1035.0	1042.2	1043.6	1017.4	1014.4	1014.5	1017.6	1015.0
80°	888.0	897.4	911.0	920.3	931.4	935.8	909.0	902.6	896.6	895.7	890.4
82.5°	750.8	762.2	778.5	787.0	798.8	801.4	756.6	748.1	743.0	743.5	738.6
85°	573.2	581.8	596.5	601.4	608.6	608.0	556.8	534.9	540.7	531.6	538.8
87.5°	359.5	364.6	373.9	375.0	378.5	377.7	326.1	316.0	313.1	313.2	309.4
90°	172.9	176.0	183.7	183.4	188.3	187.3	145.2	140.0	136.6	138.9	134.2
92.5°	35.3	37.1	39.5	41.6	43.9	46.1	43.6	44.3	42.6	40.3	38.8
95°	37.5	40.8	44.0	47.1	50.4	53.6	56.9	60.1	57.1	54.0	51.0
97.5°	42.2	46.1	49.8	53.5	57.4	61.2	65.0	68.9	65.6	62.1	58.8
100°	54.5	61.6	68.6	75.6	82.7	89.8	97.0	104.0	97.8	91.3	85.1
102.5°	107.4	122.4	137.4	152.4	167.4	182.4	197.6	212.8	198.3	183.8	169.2
105°	202.3	226.8	251.1	275.1	299.4	323.9	348.6	372.9	349.9	326.8	303.9
107.5°	317.3	342.0	366.4	390.8	415.5	440.1	465.4	490.1	467.5	444.8	422.4
110°	389.6	407.3	425.1	443.0	460.7	478.6	497.3	515.2	501.6	487.8	474.1



TEST NUMBER: P1444618
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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°	407.1	419.8	432.5	444.8	457.3	469.9	483.9	496.7	489.6	482.3	475.3
115°	388.3	396.8	404.9	413.2	421.5	429.6	439.6	448.3	445.6	442.9	440.3
117.5°	354.3	358.6	363.1	367.5	371.6	375.9	382.4	387.1	386.8	386.6	386.4
120°	318.2	319.7	321.1	322.7	324.0	325.2	329.2	331.1	332.3	333.3	334.5
122.5°	288.5	288.6	288.6	288.7	288.8	288.7	291.7	292.4	292.8	293.2	293.7
125°	265.8	265.3	264.9	264.6	263.9	263.5	266.6	266.7	266.0	265.1	264.4
127.5°	252.2	251.4	250.6	249.9	248.8	248.1	250.9	250.8	249.2	247.5	245.9
130°	243.8	243.1	242.3	241.6	241.0	240.3	243.3	243.5	241.3	238.8	236.6
132.5°	240.2	239.6	238.7	238.2	237.5	236.7	240.2	240.5	238.1	235.5	233.0
135°	238.2	237.6	236.9	236.2	235.6	235.2	239.0	239.4	237.1	234.5	232.1
137.5°	237.0	236.5	235.9	235.5	234.8	234.3	238.6	239.2	237.2	234.9	232.9
140°	237.1	236.5	236.0	235.7	235.2	235.0	239.7	240.4	238.7	236.9	235.1
142.5°	236.5	236.4	236.1	236.1	235.7	235.7	241.1	242.1	240.8	239.2	237.8
145°	237.7	237.7	237.5	237.6	237.5	237.7	243.7	245.2	244.2	242.9	241.7
147.5°	239.0	239.0	238.9	238.9	238.8	239.3	245.9	247.3	246.7	245.6	244.9
150°	240.1	240.1	239.9	240.1	240.4	240.7	248.2	250.1	249.4	248.7	248.0
152.5°	239.9	239.9	239.8	239.8	239.9	240.3	249.7	252.0	251.5	250.6	250.2
155°	241.5	241.3	241.1	241.1	241.1	241.4	251.9	254.4	253.9	253.4	252.8
157.5°	244.8	244.4	244.0	244.0	243.9	243.8	255.1	257.9	257.4	257.0	256.5
160°	248.4	248.2	247.7	247.6	247.2	247.1	258.8	261.6	261.3	260.7	260.2
162.5°	252.5	252.7	252.2	252.1	251.8	252.0	263.5	266.6	265.9	265.4	264.9
165°	258.2	257.7	257.5	257.4	257.1	256.9	268.0	270.6	270.3	269.7	269.2
167.5°	263.8	263.7	263.3	263.3	263.1	263.2	273.4	275.9	275.6	274.9	274.6
170°	269.5	269.5	269.2	269.2	269.2	269.3	278.0	280.0	279.9	279.2	278.9
172.5°	274.4	274.5	274.5	274.5	274.5	274.7	282.0	284.0	283.7	283.3	282.8
175°	277.7	277.7	277.8	278.0	278.0	278.2	283.9	285.3	285.1	284.8	284.5
177.5°	281.6	281.5	281.7	281.8	282.0	282.1	285.5	286.4	286.2	286.2	286.1
180°	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1



TEST NUMBER: P1444618
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40288.4	40302.6	40304.7	40321.3	40319.9	40339.5	40336.5	40352.5	40343.2	40356.4	40345.2
5°	41234.7	41320.5	41365.4	41449.1	41475.6	41550.6	41571.8	41640.2	41643.0	41697.2	41684.9
7.5°	42572.5	42699.1	42774.1	42877.6	42930.1	43016.4	43054.3	43118.2	43138.7	43189.4	43193.2
10°	43371.4	43432.8	43475.7	43504.6	43531.0	43543.4	43557.9	43553.9	43557.9	43552.2	43564.5
12.5°	43057.2	42967.5	42908.2	42795.9	42730.8	42606.6	42545.7	42426.4	42383.1	42280.5	42265.8
15°	41465.8	41153.2	40932.4	40611.2	40409.3	40093.3	39908.4	39623.3	39493.1	39266.5	39207.1
17.5°	38565.2	37985.0	37535.9	36959.9	36560.2	36021.8	35683.3	35237.7	34993.7	34634.3	34509.9
20°	34498.7	33640.2	32966.6	32164.2	31590.1	30874.6	30416.5	29838.9	29503.5	29062.2	28883.2
22.5°	29724.4	28655.6	27814.4	26866.5	26173.7	25376.4	24827.7	24202.7	23837.7	23358.3	23145.9
25°	24803.6	23625.0	22689.7	21691.0	20959.0	20159.8	19610.9	18996.9	18619.4	18164.2	17953.2
27.5°	20097.4	18904.2	18000.4	17071.9	16400.4	15679.2	15184.0	14647.9	14312.8	13924.3	13725.8
30°	15944.1	14891.8	14122.7	13352.1	12793.5	12207.9	11796.3	11352.0	11058.0	10725.3	10536.3
32.5°	12560.5	11748.1	11145.8	10534.3	10077.2	9587.7	9232.1	8840.1	8574.8	8277.7	8106.4
35°	9947.7	9316.4	8836.1	8332.8	7940.1	7523.2	7209.8	6871.4	6633.3	6377.5	6229.7
37.5°	7859.7	7357.8	6962.5	6544.4	6221.9	5876.5	5760.1	5371.8	5125.1	4921.0	4779.6
40°	6168.3	5769.2	5442.1	5122.4	4859.3	4597.4	4387.2	4179.7	4020.5	3874.4	3773.4
42.5°	4817.0	4527.8	4288.9	4054.7	3862.8	3672.0	3519.7	3376.8	3269.5	3174.0	3108.9
45°	3829.3	3630.4	3464.4	3299.5	3164.0	3036.6	2934.2	2842.9	2773.7	2716.3	2675.6
47.5°	3145.8	3009.7	2892.6	2781.3	2689.4	2605.9	2537.2	2514.8	2440.4	2390.2	2371.1
50°	2673.6	2591.3	2502.4	2420.2	2358.8	2297.7	2253.2	2209.5	2181.7	2158.7	2151.6
52.5°	2321.0	2258.2	2208.7	2156.7	2116.1	2072.7	2042.0	2012.9	1997.6	1985.5	1984.0
55°	2059.0	2014.9	1982.2	1947.4	1923.1	1897.6	1881.7	1866.3	1859.6	1853.5	1854.0
57.5°	1860.6	1831.3	1809.9	1787.4	1774.2	1762.0	1758.0	1754.2	1756.2	1757.1	1760.5
60°	1716.1	1697.1	1683.6	1670.7	1665.2	1661.3	1664.3	1667.7	1674.7	1680.4	1685.4
62.5°	1605.4	1594.5	1588.0	1581.0	1580.4	1580.7	1586.7	1592.5	1601.2	1607.8	1612.7
65°	1491.4	1485.2	1483.0	1478.6	1480.9	1482.2	1489.3	1493.8	1502.6	1507.8	1514.1
67.5°	1376.3	1374.8	1376.1	1376.1	1380.1	1383.5	1390.4	1395.5	1402.9	1407.7	1412.8
70°	1291.2	1291.8	1294.9	1295.5	1299.8	1302.2	1308.2	1311.4	1318.1	1322.1	1328.2
72.5°	1208.5	1207.1	1207.9	1205.9	1207.4	1206.8	1210.2	1211.7	1217.4	1220.6	1228.0
75°	1120.4	1116.8	1115.8	1111.8	1111.9	1109.1	1110.5	1110.3	1114.0	1115.5	1120.9
77.5°	1014.0	1007.8	1004.8	998.1	998.0	995.4	998.1	999.8	1006.3	1009.4	1015.6
80°	886.8	877.0	872.6	864.8	866.1	865.7	872.2	877.2	885.1	886.7	894.4
82.5°	737.1	727.1	722.4	714.7	716.5	716.7	722.7	723.6	730.6	733.7	742.6
85°	527.8	531.6	521.0	521.8	519.5	523.8	527.8	532.8	538.6	548.3	555.8
87.5°	310.8	309.4	313.2	313.6	319.0	321.8	330.4	335.3	345.1	352.6	366.4
90°	134.7	130.0	133.2	131.8	137.2	135.9	141.0	138.7	144.7	145.4	153.0
92.5°	36.1	34.6	32.0	30.3	27.9	26.4	24.9	24.5	23.0	22.6	21.1
95°	48.0	45.0	42.0	39.0	36.0	33.0	31.9	30.8	29.7	28.6	27.5
97.5°	55.6	52.5	49.2	45.8	42.5	39.3	38.6	37.8	37.1	36.3	35.7
100°	78.6	72.4	66.1	59.8	53.5	47.3	46.8	46.2	45.6	45.0	44.4
102.5°	155.0	140.5	126.2	111.8	97.5	83.0	80.5	78.0	75.5	73.1	70.5
105°	280.7	257.7	234.7	211.7	188.8	165.8	159.0	151.9	145.1	138.2	131.4
107.5°	399.8	377.2	354.8	332.4	310.0	287.5	276.6	265.9	254.8	244.0	233.3
110°	460.1	446.5	433.1	419.2	405.8	392.2	381.7	371.4	360.9	350.5	340.3



TEST NUMBER: P1444618
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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	468.2	461.1	453.9	446.9	440.1	433.0	427.9	422.7	417.7	412.5	407.2
115°	437.5	435.0	432.4	429.8	427.5	424.9	424.3	423.9	423.2	422.7	422.4
117.5°	386.1	385.9	385.6	385.6	385.5	385.5	387.9	390.2	392.6	395.3	397.9
120°	335.5	336.6	337.6	338.9	340.1	341.4	344.4	347.7	350.9	354.4	357.9
122.5°	294.1	294.6	294.9	295.6	296.1	296.7	299.5	302.6	305.7	308.9	312.5
125°	263.3	262.5	261.7	260.7	259.8	259.3	261.4	263.6	266.1	268.8	271.3
127.5°	244.0	242.1	240.3	238.7	236.7	235.3	236.0	237.1	238.0	239.3	240.6
130°	234.1	231.7	229.0	226.8	224.1	221.9	221.7	221.6	221.5	221.6	221.6
132.5°	230.2	227.7	224.9	222.2	219.5	216.9	215.8	214.9	213.9	213.4	212.7
135°	229.5	227.1	224.3	221.7	218.9	216.5	215.1	213.7	212.5	211.3	210.3
137.5°	230.7	228.6	226.3	224.3	221.7	219.6	217.9	216.5	214.8	213.8	212.4
140°	233.1	231.4	229.3	227.4	225.4	223.7	222.0	220.9	219.3	218.4	217.1
142.5°	236.0	234.6	233.0	231.4	229.9	228.3	226.9	225.6	224.4	223.3	222.1
145°	240.6	239.4	238.1	236.9	235.6	234.5	233.0	232.1	230.9	230.0	229.3
147.5°	243.9	242.9	241.9	241.0	239.9	238.9	237.8	237.2	236.0	235.5	234.6
150°	247.0	246.2	245.2	244.6	243.4	242.6	241.8	241.1	240.3	239.9	239.1
152.5°	249.1	248.4	247.6	247.0	246.1	245.2	244.5	244.0	243.3	242.8	242.0
155°	252.2	251.6	250.8	250.2	249.3	248.8	248.1	247.3	246.7	246.2	245.5
157.5°	255.9	255.3	254.5	254.1	253.2	252.6	252.1	251.5	250.7	250.2	249.5
160°	259.6	259.2	258.4	257.8	257.3	256.7	255.8	255.3	254.5	254.0	253.1
162.5°	264.2	263.5	263.0	262.4	261.6	261.0	260.3	259.7	259.0	258.4	257.7
165°	268.7	268.1	267.5	266.9	266.4	265.8	265.0	264.4	263.7	263.2	262.4
167.5°	274.1	273.7	273.1	272.6	271.9	271.3	270.7	270.1	269.4	268.8	268.0
170°	278.4	277.7	277.3	276.7	276.2	275.5	274.9	274.3	273.7	273.3	272.4
172.5°	282.4	282.2	281.6	281.3	280.6	280.2	279.9	279.4	278.9	278.4	278.0
175°	284.4	284.2	284.1	283.6	283.5	283.2	282.9	282.7	282.4	282.3	281.8
177.5°	286.1	285.9	285.9	285.6	285.5	285.5	285.3	285.2	285.1	284.8	284.7
180°	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1



TEST NUMBER: P1444618
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40356.8	40346.6	40351.5	40332.6	40337.1	40314.3	40312.1	40286.4	40283.8	40259.6	40250.4
5°	41723.3	41700.8	41726.1	41686.6	41694.4	41643.0	41638.7	41572.2	41549.3	41466.1	41430.2
7.5°	43225.0	43216.5	43231.9	43198.9	43197.9	43152.0	43133.0	43073.5	43036.5	42949.2	42893.4
10°	43553.9	43561.7	43549.0	43552.2	43534.3	43529.4	43511.0	43499.4	43469.5	43446.9	43413.5
12.5°	42187.9	42196.0	42143.9	42177.0	42150.8	42211.8	42206.9	42278.7	42289.7	42380.6	42415.1
15°	39030.5	39020.7	38920.7	38983.7	38949.9	39083.7	39113.6	39293.6	39389.9	39621.0	39762.9
17.5°	34260.9	34235.2	34094.3	34171.0	34132.0	34329.3	34395.5	34683.3	34862.8	35235.2	35500.5
20°	28575.3	28526.0	28361.2	28451.0	28410.8	28634.9	28729.4	29077.2	29308.8	29801.9	30152.8
22.5°	22819.0	22741.1	22579.7	22663.6	22625.6	22857.8	22980.7	23329.8	23595.0	24101.3	24510.9
25°	17650.0	17580.5	17424.5	17483.3	17469.1	17665.5	17774.8	18105.1	18365.7	18847.9	19238.9
27.5°	13462.0	13389.8	13248.9	13290.4	13276.1	13443.5	13546.5	13822.3	14046.6	14452.6	14795.9
30°	10303.2	10216.1	10096.5	10119.5	10109.7	10245.3	10341.5	10573.8	10766.1	11109.2	11404.9
32.5°	7897.4	7809.8	7700.0	7710.8	7696.3	7802.6	7881.9	8084.0	8251.4	8543.2	8800.6
35°	6042.6	6144.9	5910.5	6059.0	5904.4	6131.4	6049.8	6176.0	6320.1	6565.8	6780.6
37.5°	4645.3	4574.0	4513.7	4507.2	4506.9	4559.5	4621.6	4743.2	4870.1	5053.3	5242.5
40°	3681.2	3631.1	3592.1	3589.2	3592.1	3629.5	3675.4	3759.4	3852.4	3983.9	4122.9
42.5°	3053.2	3019.9	2996.4	2994.8	3002.2	3028.8	3060.7	3110.6	3171.1	3256.3	3351.6
45°	2642.5	2624.1	2611.0	2610.2	2613.6	2627.5	2645.9	2677.0	2715.3	2768.5	2828.8
47.5°	2354.4	2349.9	2341.8	2342.0	2338.3	2344.0	2346.1	2363.5	2383.9	2424.0	2502.8
50°	2144.6	2144.6	2138.9	2138.6	2133.3	2133.0	2128.5	2135.4	2144.9	2169.8	2195.0
52.5°	1978.8	1978.2	1972.1	1970.9	1965.2	1964.9	1961.0	1963.8	1965.0	1977.6	1992.7
55°	1849.1	1845.3	1837.3	1834.7	1832.4	1835.8	1834.3	1834.4	1832.7	1838.0	1842.5
57.5°	1756.2	1751.1	1743.5	1741.3	1740.7	1744.5	1744.7	1743.3	1736.4	1731.7	1724.9
60°	1682.5	1677.5	1669.3	1667.2	1668.4	1673.8	1673.5	1669.0	1658.6	1649.5	1638.9
62.5°	1610.3	1608.3	1604.1	1603.5	1602.4	1603.4	1599.6	1594.8	1584.5	1574.9	1563.4
65°	1513.3	1514.4	1511.2	1511.7	1508.0	1507.4	1501.7	1497.1	1486.7	1477.8	1466.1
67.5°	1412.6	1413.4	1410.8	1410.8	1408.9	1409.2	1405.7	1401.4	1392.7	1385.5	1376.4
70°	1329.6	1331.7	1330.2	1330.7	1328.2	1327.4	1322.0	1317.8	1308.8	1302.8	1294.6
72.5°	1230.2	1234.7	1234.5	1235.6	1232.1	1230.2	1223.8	1218.6	1210.5	1205.6	1199.1
75°	1122.9	1128.7	1130.4	1133.0	1127.9	1125.2	1118.2	1114.0	1107.3	1104.5	1100.2
77.5°	1018.2	1024.6	1030.7	1036.4	1028.2	1020.9	1012.1	1005.5	995.8	992.2	985.4
80°	900.7	911.9	925.5	936.9	922.2	907.2	892.8	882.1	869.4	864.2	855.9
82.5°	747.2	758.8	766.6	773.8	763.6	752.7	738.7	729.3	715.6	710.6	700.9
85°	567.7	582.1	586.7	590.6	584.1	578.3	565.1	547.4	538.8	525.2	518.3
87.5°	373.4	382.0	383.7	385.0	381.0	378.2	369.6	361.3	346.5	335.8	322.7
90°	152.3	157.7	153.9	155.8	151.1	152.1	143.9	141.5	129.9	125.8	115.4
92.5°	20.4	19.1	18.3	17.2	18.9	19.2	20.7	21.1	22.5	23.0	24.5
95°	26.4	25.2	24.2	23.1	24.0	24.9	25.7	26.6	27.4	28.3	29.2
97.5°	34.9	34.2	33.4	32.7	33.2	33.7	34.3	34.8	35.3	35.8	36.5
100°	43.8	43.2	42.6	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
102.5°	68.1	65.6	63.1	60.6	62.3	63.9	65.6	67.3	69.1	70.7	72.6
105°	124.6	117.8	110.9	104.1	110.7	117.3	124.0	130.5	137.1	144.0	150.7
107.5°	222.3	211.5	200.8	190.0	202.2	214.2	226.2	238.2	250.3	262.3	274.5
110°	329.9	319.7	309.4	299.2	312.0	324.7	337.5	350.3	363.1	375.8	388.9



TEST NUMBER: P1444618
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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°	402.1	397.2	392.2	387.2	395.5	403.6	411.9	420.4	428.6	437.0	445.3
115°	421.9	421.6	421.3	421.0	424.9	428.8	432.7	436.7	440.7	444.6	448.8
117.5°	400.5	403.0	405.9	408.6	409.9	411.1	412.6	413.8	415.3	416.7	418.3
120°	361.5	364.8	368.6	372.3	371.8	371.3	370.8	370.3	370.3	369.9	370.0
122.5°	315.9	319.3	323.1	326.7	325.6	324.5	323.5	322.6	321.9	321.1	320.4
125°	274.3	277.0	279.9	283.0	281.9	280.8	279.8	279.2	278.4	277.6	277.1
127.5°	242.2	243.9	245.4	247.2	246.7	246.3	246.2	245.8	245.8	245.9	246.0
130°	222.0	222.5	223.3	223.8	224.0	224.1	224.7	225.1	225.9	226.4	227.5
132.5°	212.6	212.1	212.1	212.0	212.6	213.2	214.1	215.0	216.4	217.4	219.2
135°	209.6	208.9	208.4	208.0	208.9	209.6	210.9	212.1	213.5	215.2	217.0
137.5°	211.6	210.7	210.0	209.2	210.1	211.0	212.2	213.4	214.9	216.5	218.5
140°	216.3	215.3	214.9	214.1	215.0	215.7	216.9	218.1	219.6	221.2	223.0
142.5°	221.3	220.3	219.8	219.4	219.9	220.7	222.0	223.0	224.4	225.6	227.4
145°	228.4	227.6	227.3	226.7	227.1	227.7	228.5	229.4	230.3	231.2	232.7
147.5°	234.0	233.4	233.1	232.6	233.0	233.4	233.9	234.4	235.3	236.0	237.0
150°	238.9	238.2	237.8	237.6	237.8	237.9	238.4	238.5	239.1	239.6	240.5
152.5°	241.8	241.1	241.1	240.7	240.7	240.8	241.1	241.2	241.6	241.9	242.7
155°	245.2	244.7	244.2	243.8	243.7	243.5	243.7	243.5	243.8	243.8	244.1
157.5°	249.2	248.6	248.3	247.7	247.5	247.0	247.0	246.8	246.8	246.5	246.6
160°	252.7	252.1	251.5	250.9	250.7	250.3	250.3	249.9	249.8	249.7	249.7
162.5°	257.3	256.7	256.3	255.7	255.4	254.7	254.4	253.8	253.5	253.2	253.1
165°	261.6	261.0	260.5	259.6	259.4	259.1	258.6	258.3	258.1	257.7	257.6
167.5°	267.6	266.8	266.3	265.6	265.2	264.5	264.3	263.8	263.4	263.1	263.1
170°	272.0	271.4	271.0	270.5	270.2	269.7	269.6	269.1	269.0	268.8	268.8
172.5°	277.5	277.1	276.7	276.3	276.0	275.7	275.5	275.4	275.1	275.1	274.9
175°	281.6	281.3	281.2	280.9	280.6	280.5	280.4	280.3	280.2	279.9	279.9
177.5°	284.3	284.2	284.1	284.0	283.8	283.8	283.8	283.8	283.8	283.7	283.5
180°	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1



TEST NUMBER: P1444618
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CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40224.4	40213.8	40186.0	40172.2	40146.5	40133.5	40113.4	40100.4	40084.2	40072.1	40065.9
5°	41338.9	41287.4	41184.4	41120.9	41009.6	40936.3	40825.8	40744.7	40630.6	40546.4	40438.5
7.5°	42788.8	42710.0	42577.9	42477.7	42322.1	42203.0	42028.3	41888.5	41695.5	41535.1	41337.8
10°	43379.2	43333.1	43273.9	43209.4	43123.2	43038.6	42919.3	42797.7	42635.6	42474.3	42263.7
12.5°	42506.7	42550.0	42635.6	42675.5	42740.9	42763.1	42793.1	42779.0	42752.5	42686.7	42591.2
15°	40035.6	40216.6	40502.7	40700.6	40977.8	41172.6	41430.2	41596.1	41787.0	41901.2	42009.6
17.5°	35970.7	36320.9	36825.7	37228.5	37769.1	38208.7	38747.3	39170.4	39659.0	40033.8	40432.8
20°	30764.3	31254.6	31951.5	32543.3	33326.7	33991.1	34842.1	35555.0	36386.7	37080.0	37828.2
22.5°	25160.8	25737.6	26536.0	27249.9	28185.4	29020.9	30087.3	31030.0	32154.3	33161.5	34275.6
25°	19874.4	20439.7	21253.2	21992.2	23002.1	23922.6	25087.6	26169.1	27473.7	28690.5	30087.3
27.5°	15341.2	15843.3	16558.3	17223.6	18148.6	19052.2	20234.4	21387.6	22779.8	24087.4	25592.7
30°	11847.8	12255.1	12828.0	13363.1	14105.7	14844.8	15897.8	16964.3	18349.6	19704.6	21247.9
32.5°	9181.7	9528.9	10007.2	10441.6	11013.8	11571.0	12346.6	13198.8	14414.0	15711.8	17204.0
35°	7107.6	7404.7	7811.8	8186.0	8656.5	9098.9	9677.6	10285.9	11213.3	12305.0	13640.4
37.5°	5666.6	5787.7	6078.2	6384.8	6775.7	7139.2	7591.8	8041.6	8705.1	9566.5	10657.4
40°	4309.4	4501.7	4738.1	4979.7	5275.6	5567.2	6063.8	6302.9	6739.7	7358.1	8204.8
42.5°	3477.1	3612.3	3778.8	3946.7	4152.9	4356.0	4607.2	4863.1	5189.6	5608.4	6210.7
45°	2909.7	2997.9	3105.2	3217.1	3352.5	3491.1	3659.3	3834.9	4056.2	4313.7	4679.5
47.5°	2530.6	2579.4	2649.4	2725.8	2818.6	2914.6	3023.9	3135.9	3273.4	3426.1	3634.4
50°	2234.8	2275.4	2329.9	2380.9	2445.0	2543.3	2586.7	2648.5	2731.2	2821.1	2937.6
52.5°	2020.6	2047.8	2081.9	2111.2	2151.8	2188.6	2236.8	2279.5	2336.6	2390.6	2465.8
55°	1854.0	1863.8	1883.1	1902.1	1930.1	1955.2	1988.3	2016.2	2052.7	2085.0	2132.4
57.5°	1725.2	1726.1	1735.0	1744.8	1762.9	1778.7	1801.5	1819.8	1845.1	1865.7	1894.1
60°	1632.6	1627.7	1629.5	1632.9	1643.2	1653.4	1668.0	1679.9	1695.8	1707.5	1723.4
62.5°	1555.6	1547.9	1546.1	1545.2	1550.3	1554.0	1561.9	1567.7	1576.9	1581.9	1590.4
65°	1458.4	1449.3	1445.7	1441.5	1443.0	1441.8	1444.8	1444.9	1449.5	1450.6	1455.5
67.5°	1370.2	1362.5	1357.9	1352.3	1349.7	1345.7	1344.0	1340.0	1339.4	1336.2	1335.4
70°	1289.7	1282.3	1278.3	1273.1	1270.5	1265.1	1261.8	1255.3	1251.4	1245.3	1241.9
72.5°	1196.6	1192.4	1191.2	1187.7	1186.7	1183.7	1182.4	1177.8	1175.1	1169.9	1166.9
75°	1099.3	1095.8	1095.5	1092.0	1091.7	1088.1	1087.2	1082.3	1079.7	1074.5	1072.4
77.5°	983.4	978.3	976.8	972.7	973.6	971.9	973.3	969.6	968.0	962.8	961.2
80°	852.8	846.3	843.6	838.1	839.6	837.1	839.6	839.3	841.2	837.1	836.3
82.5°	698.2	691.0	689.7	685.8	688.4	688.7	694.2	691.2	692.4	688.5	690.1
85°	508.0	502.7	495.3	494.2	489.5	494.4	488.0	492.3	485.2	490.2	483.7
87.5°	315.0	303.9	298.1	290.3	287.2	279.7	276.5	271.0	272.7	270.1	271.6
90°	113.4	104.2	102.5	95.0	94.5	88.1	89.0	84.6	86.3	81.7	83.9
92.5°	24.9	25.8	27.5	29.7	31.1	32.9	34.6	36.7	38.2	40.3	41.7
95°	30.1	30.9	33.3	35.7	38.0	40.4	42.7	45.1	47.4	49.8	52.2
97.5°	37.0	37.5	39.9	42.2	44.6	47.0	49.2	51.9	54.2	56.6	58.9
100°	42.0	42.1	48.8	55.5	62.2	69.1	75.6	82.3	89.3	96.0	102.6
102.5°	74.3	75.9	92.8	109.7	126.6	143.5	160.5	177.6	194.5	211.6	228.6
105°	157.3	163.9	189.7	215.6	241.3	267.2	293.0	319.0	344.9	370.8	396.6
107.5°	286.6	298.7	322.2	345.5	368.7	392.2	415.8	439.2	462.6	486.0	509.8
110°	401.7	414.6	430.2	446.1	461.9	477.6	493.5	509.3	525.3	541.1	557.2



TEST NUMBER: P1444618
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	453.5	462.1	471.3	480.8	490.1	499.5	508.8	518.3	527.9	537.5	546.9
115°	452.9	457.2	460.8	464.8	468.5	472.6	476.4	480.6	484.9	488.9	493.0
117.5°	419.6	421.5	422.2	423.3	424.1	425.5	426.5	427.9	429.2	430.5	431.5
120°	369.8	369.7	369.6	369.6	369.5	369.6	369.8	369.9	370.3	370.5	370.7
122.5°	319.7	319.4	319.3	319.4	319.6	319.9	320.2	320.8	321.2	321.6	321.9
125°	276.6	276.4	277.7	279.0	280.3	281.8	283.1	285.0	286.4	288.0	289.7
127.5°	246.1	246.7	248.8	251.1	253.4	255.8	258.2	260.8	263.2	265.9	268.2
130°	228.5	229.8	232.3	235.3	237.9	240.9	243.7	246.8	249.5	252.4	255.3
132.5°	220.5	222.5	224.8	227.8	230.4	233.3	236.3	239.2	242.0	245.1	247.6
135°	218.9	221.0	223.5	226.1	228.8	231.6	234.2	237.1	239.6	242.3	244.9
137.5°	220.2	222.3	224.6	226.8	229.0	231.6	233.9	236.3	238.5	240.9	243.0
140°	224.7	226.8	228.3	230.2	231.8	233.7	235.2	237.1	238.5	240.6	241.9
142.5°	228.9	230.8	231.8	233.2	234.6	236.2	237.5	238.9	240.1	241.2	242.3
145°	233.9	235.5	236.1	237.0	237.8	238.6	239.3	240.2	240.7	241.3	241.9
147.5°	238.1	239.2	239.5	240.2	240.7	241.1	241.5	242.1	242.2	242.8	243.2
150°	241.1	241.9	241.9	242.3	242.3	242.6	242.6	243.0	243.0	243.3	243.3
152.5°	243.1	243.8	243.5	243.8	243.6	243.6	243.5	243.6	243.5	243.5	243.6
155°	244.1	244.4	244.2	244.3	244.1	244.1	243.9	244.3	244.2	244.3	244.4
157.5°	246.4	246.4	246.3	246.3	246.0	246.1	246.1	246.1	246.2	246.7	246.8
160°	249.4	249.4	249.1	249.1	249.0	248.9	248.9	249.1	249.2	249.8	250.0
162.5°	252.6	252.5	252.2	252.2	252.2	252.2	252.3	252.7	252.7	253.2	253.5
165°	257.6	257.7	257.3	257.4	257.3	257.2	257.3	257.4	257.7	257.9	258.3
167.5°	262.8	262.7	262.7	262.9	262.9	263.0	263.2	263.7	263.8	264.4	264.6
170°	268.8	268.8	268.7	268.7	268.7	268.8	268.8	268.8	269.1	269.3	269.3
172.5°	274.9	274.9	274.8	274.6	274.5	274.5	274.4	274.5	274.4	274.4	274.3
175°	279.8	279.7	279.6	279.6	279.5	279.2	279.2	278.8	278.7	278.7	278.6
177.5°	283.4	283.1	282.9	282.9	282.8	282.6	282.6	282.5	282.5	282.5	282.2
180°	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1



TEST NUMBER: P1444618
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40057.8	40057.4	40053.5	40055.3	40056.0	40058.9	40062.3	40065.9	40066.6	40069.4	40070.0
5°	40357.6	40258.5	40185.2	40104.6	40044.0	39989.4	39953.1	39924.2	39913.0	39915.9	39922.5
7.5°	41170.5	40965.9	40797.2	40605.2	40445.2	40275.8	40135.3	40001.8	39904.5	39832.0	39791.4
10°	42062.5	41813.4	41575.0	41297.3	41033.9	40752.8	40498.1	40241.7	40027.8	39842.2	39705.9
12.5°	42458.4	42282.3	42076.3	41814.1	41532.3	41207.9	40880.3	40529.1	40202.5	39899.3	39654.8
15°	42039.3	42039.6	41964.5	41838.8	41643.0	41383.7	41071.6	40705.5	40320.2	39927.0	39567.7
17.5°	40708.8	40959.8	41099.4	41187.8	41160.7	41065.1	40866.5	40585.4	40226.2	39807.3	39369.0
20°	38424.0	39016.0	39438.2	39817.8	40030.6	40171.9	40157.8	40043.4	39787.6	39431.4	38974.9
22.5°	35223.2	36217.0	37001.3	37732.5	38245.3	38662.5	38860.8	38945.0	38829.1	38581.0	38152.3
25°	31335.7	32686.9	33840.0	34959.1	35798.5	36519.9	36953.5	37259.0	37283.3	37153.6	36771.2
27.5°	27015.9	28610.9	30070.3	31557.6	32738.1	33775.2	34455.7	34953.7	35111.9	35091.1	34743.8
30°	22701.6	24376.0	25984.7	27719.0	29179.8	30504.8	31403.6	32077.3	32336.8	32386.6	32052.5
32.5°	18627.2	20278.4	21882.6	23695.7	25303.2	26821.8	27883.8	28683.9	28985.8	29056.9	28690.5
35°	14929.6	16452.9	17977.4	19734.6	21332.8	22905.4	24024.4	24862.1	25144.0	25191.5	24767.3
37.5°	11722.9	13020.8	14349.2	15925.9	17393.6	18870.5	19933.7	20720.9	20926.3	20913.6	20433.5
40°	9022.9	10031.9	11099.4	12397.3	13617.6	14866.0	15763.9	16414.7	16522.5	16442.7	15938.4
42.5°	6784.8	7513.4	8287.4	9256.3	10161.7	11096.0	11749.2	12232.4	12247.7	12121.4	11668.8
45°	5054.6	5765.6	6090.1	6676.0	7259.1	7880.4	8279.3	8577.7	8531.6	8420.4	8076.4
47.5°	3853.3	4126.6	4416.3	4779.6	5119.2	5824.3	5772.1	6251.3	5906.1	6141.5	5623.3
50°	3059.9	3212.6	3368.7	3561.5	3739.0	3923.3	4038.4	4124.5	4113.3	4076.4	3977.1
52.5°	2603.2	2650.5	2727.3	2837.0	2936.0	3035.7	3101.3	3154.7	3155.7	3140.8	3090.5
55°	2175.7	2235.7	2291.0	2362.6	2484.7	2503.4	2597.4	2578.4	2585.7	2559.7	2586.4
57.5°	1918.3	1953.2	1984.3	2026.9	2062.2	2103.4	2127.6	2151.0	2148.8	2143.7	2118.1
60°	1735.9	1755.1	1772.4	1797.3	1816.7	1839.9	1851.1	1863.0	1859.2	1850.5	1827.7
62.5°	1595.3	1607.3	1617.2	1633.2	1645.0	1659.5	1665.4	1670.4	1665.4	1657.1	1637.0
65°	1456.5	1464.3	1470.6	1482.7	1491.0	1503.4	1508.3	1513.0	1508.4	1502.0	1486.7
67.5°	1331.4	1332.2	1331.6	1336.5	1339.0	1346.5	1348.7	1352.1	1346.8	1341.2	1328.2
70°	1236.5	1234.5	1232.2	1234.1	1234.5	1238.2	1238.8	1238.2	1231.8	1222.2	1208.0
72.5°	1162.3	1161.2	1159.5	1161.2	1161.2	1164.4	1163.3	1161.7	1153.8	1144.6	1130.6
75°	1067.0	1066.2	1062.6	1062.7	1059.8	1060.9	1056.9	1054.8	1045.9	1038.2	1025.7
77.5°	955.4	953.6	948.4	946.4	940.7	938.4	931.1	927.5	918.5	912.2	901.5
80°	830.8	828.8	822.2	818.4	809.5	803.8	793.1	787.0	776.7	770.6	760.2
82.5°	686.7	687.5	680.7	676.1	663.3	653.5	639.2	631.4	620.1	614.1	603.4
85°	488.4	481.4	485.1	484.9	476.8	468.3	456.7	448.5	439.0	433.3	425.7
87.5°	267.9	269.5	267.6	266.0	260.3	256.0	246.8	242.1	235.2	231.7	226.0
90°	76.8	76.5	69.8	69.6	63.2	60.6	52.9	51.4	44.5	43.3	38.4
92.5°	39.8	37.8	36.0	33.8	32.1	30.2	28.1	26.1	24.2	23.2	22.9
95°	49.3	46.7	43.8	41.0	38.0	35.2	32.4	29.6	26.7	26.1	25.5
97.5°	55.7	52.3	48.9	45.8	42.3	39.0	35.8	32.3	29.0	28.6	28.2
100°	95.0	87.4	79.7	71.9	64.1	56.4	48.8	41.1	33.5	33.1	32.6
102.5°	209.7	191.1	172.4	153.7	135.2	116.3	97.6	78.8	60.1	57.4	54.7
105°	368.4	339.9	311.9	283.5	255.1	226.7	198.5	169.9	141.6	132.6	123.5
107.5°	483.3	456.6	430.2	403.7	377.0	350.6	324.0	297.2	270.6	254.6	238.7
110°	536.2	515.2	494.5	473.5	452.4	431.4	410.4	389.4	368.4	354.6	341.1



TEST NUMBER: P1444618
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	531.8	516.7	501.7	486.3	471.3	455.9	440.7	425.4	410.0	401.9	393.7
115°	484.3	475.3	466.5	457.5	448.7	439.8	430.8	421.6	412.5	408.4	404.3
117.5°	427.6	423.3	419.2	415.0	410.8	406.4	402.1	397.7	393.3	392.2	391.0
120°	370.4	369.6	368.6	367.9	367.1	366.3	365.3	364.3	363.2	364.0	364.8
122.5°	323.5	324.7	326.2	327.3	328.8	329.8	331.3	332.2	333.4	335.3	337.0
125°	291.9	294.1	296.5	298.6	300.7	302.8	305.2	307.1	309.3	311.0	313.1
127.5°	270.9	273.2	275.8	278.1	280.6	283.0	285.5	287.5	290.0	291.8	293.9
130°	257.7	259.9	262.4	264.5	266.8	269.0	271.2	273.6	275.7	277.5	279.4
132.5°	249.8	252.1	254.3	256.2	258.5	260.5	262.8	264.8	267.2	268.7	270.4
135°	246.9	248.5	250.5	252.2	254.2	255.8	257.7	259.7	261.8	263.2	264.8
137.5°	244.7	246.2	248.0	249.4	251.3	252.7	254.7	256.3	258.4	259.4	261.1
140°	243.5	245.0	246.7	248.2	249.9	251.4	253.5	255.2	257.2	258.4	259.8
142.5°	243.8	244.9	246.3	247.5	249.1	250.4	252.1	253.7	255.5	256.9	258.1
145°	243.3	244.6	246.1	247.3	248.7	250.2	252.2	253.8	255.7	256.8	258.1
147.5°	244.3	245.3	246.7	247.8	249.2	250.4	252.2	253.6	255.4	256.6	257.7
150°	244.5	245.5	246.7	247.7	249.1	250.5	252.2	253.6	255.7	256.8	257.8
152.5°	244.7	245.7	246.8	248.2	249.6	251.1	252.6	254.3	256.1	257.1	258.2
155°	245.6	246.5	247.8	249.1	250.6	251.8	253.4	254.9	256.6	257.7	258.7
157.5°	247.9	248.7	250.0	251.3	252.4	253.7	255.4	256.6	258.1	259.0	259.9
160°	251.0	251.9	253.0	254.3	255.4	256.7	257.9	259.1	260.4	261.4	262.3
162.5°	254.5	255.7	256.8	257.7	259.0	260.2	261.5	262.7	263.9	264.6	265.5
165°	259.2	260.1	261.1	261.9	262.9	263.5	264.7	265.6	266.8	267.4	268.4
167.5°	265.6	266.1	266.8	267.5	268.4	269.0	270.0	270.7	271.7	272.4	273.1
170°	270.0	270.6	271.1	271.7	272.5	273.1	273.8	274.4	275.3	275.8	276.4
172.5°	274.6	274.8	275.4	275.7	276.1	276.5	277.0	277.6	278.0	278.6	279.0
175°	279.0	279.0	279.3	279.4	279.5	279.8	280.1	280.4	280.6	281.0	281.2
177.5°	282.3	282.4	282.4	282.5	282.9	283.0	283.1	283.2	283.5	283.7	284.0
180°	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1



TEST NUMBER: P1444618
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40068.7	40068.2	40066.9	40065.1	40063.3	40064.4	40066.2	40070.8	40078.8	40090.4	40105.6
5°	39928.0	39936.2	39940.8	39941.4	39937.3	39934.7	39938.7	39949.7	39971.9	40009.1	40059.5
7.5°	39780.5	39790.6	39806.1	39817.8	39820.0	39817.1	39817.8	39835.0	39876.1	39948.6	40050.3
10°	39623.1	39593.1	39608.9	39637.8	39660.8	39664.9	39667.7	39688.2	39748.1	39857.7	40021.2
12.5°	39477.7	39382.9	39364.5	39390.6	39425.5	39436.6	39433.6	39442.3	39512.5	39657.6	39885.4
15°	39286.3	39107.9	39047.0	39053.7	39096.8	39112.3	39101.0	39083.7	39152.0	39329.3	39624.1
17.5°	38976.7	38689.2	38577.1	38572.2	38622.6	38636.0	38608.3	38554.6	38622.0	38843.0	39209.1
20°	38506.0	38081.6	37870.6	37837.1	37891.8	37875.8	37820.6	37739.4	37827.9	38096.8	38532.1
22.5°	37659.9	37122.1	36761.6	36645.4	36710.8	36667.2	36586.5	36483.0	36600.6	36906.0	37390.8
25°	36277.2	35655.8	35162.3	34885.5	34937.7	34859.4	34771.7	34646.2	34786.4	35137.0	35670.7
27.5°	34245.0	33527.1	32915.7	32457.3	32474.1	32371.7	32270.6	32108.2	32283.3	32698.3	33300.2
30°	31542.5	30711.8	29967.2	29344.4	29288.7	29189.3	29085.8	28872.7	29091.7	29588.5	30291.9
32.5°	28148.8	27226.4	26366.0	25578.5	25430.0	25333.1	25240.8	24995.5	25282.4	25861.5	26669.6
35°	24179.8	23197.4	22264.5	21365.1	21119.0	21022.0	20941.4	20706.4	21064.4	21694.6	22567.4
37.5°	19823.4	18819.8	17893.6	16971.3	16623.6	16492.0	16433.4	16279.5	16692.4	17315.8	18192.2
40°	15351.0	14417.9	13587.6	12773.0	12376.5	12175.2	12144.5	12116.5	12515.7	13056.5	13852.0
42.5°	11167.2	10414.4	9774.2	9151.5	8792.3	8517.4	8517.2	8600.7	8960.0	9365.1	9978.6
45°	7724.7	7219.6	6811.6	6395.6	6506.7	5958.7	6280.7	6115.5	6293.1	6554.3	6953.2
47.5°	5310.0	5034.2	4810.1	4577.7	4408.3	4246.5	4260.6	4365.0	4532.2	4687.2	4894.8
50°	3870.1	3729.6	3615.5	3494.8	3410.5	3339.1	3343.3	3388.5	3476.3	3558.0	3666.6
52.5°	3032.5	2955.0	2893.0	2826.3	2782.0	2746.5	2748.5	2770.4	2818.0	2864.5	2926.8
55°	2499.5	2490.2	2409.5	2349.6	2326.8	2303.1	2307.4	2315.9	2348.3	2375.5	2416.8
57.5°	2094.5	2058.4	2034.2	2002.7	1988.1	1971.5	1975.3	1978.5	2000.1	2018.4	2048.1
60°	1808.7	1783.0	1765.8	1744.4	1734.9	1724.3	1726.6	1728.6	1742.5	1754.4	1775.7
62.5°	1618.7	1595.7	1580.8	1564.3	1557.6	1550.4	1552.1	1552.7	1561.3	1570.1	1586.2
65°	1472.9	1454.8	1442.4	1428.1	1421.1	1413.7	1414.4	1414.4	1421.7	1428.1	1440.2
67.5°	1318.9	1305.2	1297.1	1285.8	1281.1	1273.4	1273.3	1270.9	1275.7	1278.2	1286.4
70°	1195.2	1181.4	1171.1	1160.2	1154.3	1147.6	1147.7	1147.9	1153.4	1159.2	1169.8
72.5°	1118.8	1105.6	1096.4	1086.9	1081.3	1075.6	1074.5	1073.9	1078.0	1081.1	1088.1
75°	1017.6	1007.0	1001.7	992.8	988.3	981.9	980.8	977.9	979.8	980.4	985.6
77.5°	894.9	884.8	880.5	871.5	867.7	860.5	859.9	856.5	858.0	857.0	861.1
80°	755.0	745.8	743.5	736.0	734.3	727.6	726.5	722.5	723.6	720.5	722.1
82.5°	598.8	590.4	588.7	581.8	581.8	575.7	575.4	569.3	569.3	564.1	555.8
85°	421.8	415.7	413.1	407.5	405.9	401.0	398.4	392.6	390.6	386.8	385.6
87.5°	222.6	218.8	215.3	212.7	207.7	198.9	198.1	192.0	192.5	188.2	188.5
90°	37.8	33.3	33.0	28.9	28.2	25.4	25.0	24.6	24.8	24.5	24.8
92.5°	22.2	21.5	20.9	20.2	19.5	19.0	18.3	19.0	19.5	20.2	20.9
95°	24.9	24.4	23.9	23.3	22.7	22.1	21.5	22.1	22.7	23.5	24.1
97.5°	27.9	27.5	27.1	26.7	26.4	26.0	25.6	26.2	26.6	26.9	27.3
100°	32.2	31.7	31.3	30.8	30.5	30.0	29.6	30.3	30.7	31.1	31.6
102.5°	52.1	49.3	46.7	43.9	41.2	38.5	35.8	38.5	41.2	44.1	46.9
105°	114.2	105.3	96.2	87.0	77.8	68.7	59.5	68.8	77.9	87.1	96.5
107.5°	222.5	206.7	190.6	174.6	158.2	142.2	126.1	142.4	158.5	174.7	190.9
110°	327.3	313.4	299.7	285.8	272.0	258.2	244.3	258.3	272.3	286.1	300.1



TEST NUMBER: P1444618
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	385.3	377.1	368.7	360.6	352.0	343.9	335.3	344.2	352.6	361.3	369.7
115°	400.2	396.0	391.9	387.7	383.2	379.0	374.4	379.5	384.0	388.6	393.1
117.5°	389.8	388.8	387.4	386.2	384.9	383.6	382.1	383.9	385.5	387.5	388.9
120°	365.2	366.1	366.7	367.2	367.8	368.2	368.5	368.7	368.7	368.7	368.6
122.5°	338.8	340.7	342.1	343.9	345.5	346.9	348.2	347.5	346.6	345.8	344.5
125°	314.8	317.0	318.7	320.5	322.1	323.9	325.0	324.6	323.8	322.8	321.5
127.5°	295.9	297.6	299.4	301.4	302.8	304.3	305.6	305.2	304.4	303.5	302.4
130°	281.0	283.0	284.4	286.0	287.4	288.6	289.6	289.5	289.0	288.7	287.8
132.5°	271.9	273.8	275.2	276.7	277.7	279.1	279.7	279.9	279.7	279.6	278.8
135°	266.3	267.7	269.0	270.6	271.5	272.5	273.1	273.6	273.5	273.5	272.9
137.5°	262.3	263.7	264.7	265.9	266.7	267.5	267.9	268.6	268.7	269.1	268.8
140°	261.1	262.6	263.7	264.7	265.8	266.7	267.1	267.8	268.0	268.1	267.8
142.5°	259.5	260.8	262.1	263.3	264.0	264.8	265.3	265.9	266.1	266.2	266.1
145°	259.3	260.4	261.6	262.8	263.3	264.0	264.2	265.1	265.3	265.6	265.6
147.5°	258.7	260.1	260.8	261.8	262.5	263.2	263.5	264.0	264.4	264.6	264.7
150°	259.1	260.3	261.2	262.2	263.1	263.7	263.9	264.6	264.8	265.0	264.9
152.5°	259.3	260.3	261.2	262.0	262.9	263.4	263.7	264.3	264.8	265.1	265.2
155°	259.7	260.7	261.6	262.5	263.1	263.8	264.4	265.0	265.5	265.8	266.1
157.5°	260.8	261.9	262.6	263.4	264.0	265.0	265.6	266.3	266.8	267.4	267.7
160°	263.0	264.0	264.6	265.5	266.3	267.0	267.6	268.4	268.9	269.3	270.0
162.5°	266.3	267.2	267.7	268.6	269.2	270.0	270.6	271.3	272.0	272.6	273.0
165°	269.1	269.9	270.6	271.5	272.2	273.1	273.7	274.3	274.6	275.2	275.5
167.5°	273.7	274.4	275.0	275.8	276.3	277.2	277.9	278.4	278.7	279.2	279.5
170°	277.0	277.7	278.3	278.8	279.6	280.1	280.5	280.8	281.3	281.6	282.0
172.5°	279.5	280.1	280.6	281.3	281.8	282.4	282.9	283.3	283.5	283.6	283.7
175°	281.6	282.2	282.5	282.9	283.3	283.7	284.2	284.1	284.5	284.4	284.6
177.5°	284.5	285.0	285.3	285.5	285.9	286.1	286.4	286.2	286.2	286.0	285.8
180°	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1



TEST NUMBER: P1444618
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40127.1	40147.2	40177.9	40205.7	40247.7	40280.7	40330.3	40368.0	40424.0	40460.4	40521.3
5°	40130.7	40209.2	40312.4	40413.2	40534.3	40644.2	40780.9	40897.3	41034.6	41146.7	41287.1
7.5°	40187.5	40338.8	40520.3	40703.1	40909.9	41103.3	41321.3	41518.6	41734.2	41916.7	42116.0
10°	40229.3	40462.8	40730.3	40999.3	41282.5	41545.7	41811.4	42040.9	42255.5	42432.1	42588.1
12.5°	40172.5	40494.2	40837.3	41168.8	41483.7	41756.1	41984.6	42161.2	42283.1	42365.8	42385.1
15°	39979.6	40366.6	40739.8	41069.8	41331.1	41532.7	41637.0	41685.8	41633.5	41546.5	41355.1
17.5°	39619.2	40027.5	40361.0	40621.3	40759.4	40814.2	40727.7	40577.3	40283.5	39957.4	39486.4
20°	38958.3	39338.8	39580.7	39722.8	39685.8	39549.2	39222.9	38826.2	38239.6	37614.5	36789.5
22.5°	37799.4	38132.0	38260.8	38271.3	38045.9	37703.9	37115.3	36435.1	35509.7	34547.5	33364.4
25°	36059.5	36350.9	36371.2	36256.8	35844.2	35289.8	34425.7	33463.4	32205.9	30923.9	29441.2
27.5°	33700.1	33979.5	33911.1	33697.6	33124.8	32383.0	31276.5	30033.4	28483.0	26968.9	25328.8
30°	30734.0	31032.8	30952.5	30678.6	29997.4	29120.6	27818.7	26374.4	24653.1	23036.0	21374.0
32.5°	27184.6	27562.2	27506.8	27246.5	26535.7	25597.3	24184.8	22652.8	20891.8	19298.1	17681.4
35°	23150.1	23608.7	23632.4	23462.2	22802.3	21874.9	20480.0	18997.2	17310.4	15806.8	14313.3
37.5°	18803.5	19335.1	19444.3	19398.4	18851.5	18032.8	16761.8	15431.6	13937.4	12619.5	11342.2
40°	14432.7	14970.9	15157.6	15213.0	14809.4	14175.3	13132.2	12058.5	10840.3	9772.5	8758.3
42.5°	10446.8	10923.9	11104.4	11217.9	10966.0	10543.1	9782.2	9002.5	8110.1	7339.9	6601.5
45°	7255.6	7593.0	7730.2	7844.6	7707.3	7468.8	6988.2	6500.6	5911.5	5408.2	4931.7
47.5°	5072.8	5258.9	5349.5	5404.9	5351.7	5227.3	4965.8	4683.3	4350.8	4056.7	3773.9
50°	3760.1	3859.1	3906.5	3938.5	3899.7	3830.6	3689.1	3535.3	3352.7	3186.1	3023.3
52.5°	2979.7	3036.5	3064.7	3081.9	3059.7	3017.5	2935.0	2843.9	2734.4	2631.4	2577.3
55°	2510.2	2507.3	2572.4	2541.0	2572.4	2502.3	2487.4	2387.2	2296.3	2232.2	2163.0
57.5°	2070.2	2099.6	2112.1	2126.1	2117.1	2104.2	2069.3	2033.3	1985.4	1945.3	1902.5
60°	1792.0	1816.2	1830.0	1843.8	1843.0	1838.1	1817.9	1796.4	1766.4	1742.5	1716.5
62.5°	1600.3	1621.3	1634.9	1648.2	1649.3	1647.4	1632.1	1617.2	1596.8	1581.8	1563.9
65°	1449.5	1464.3	1473.5	1484.1	1483.5	1480.7	1466.8	1454.5	1437.7	1427.3	1414.1
67.5°	1291.8	1303.0	1310.1	1320.1	1322.0	1322.6	1315.0	1309.2	1301.0	1298.1	1293.6
70°	1179.6	1193.2	1204.7	1217.2	1224.1	1227.5	1224.1	1221.2	1216.4	1214.3	1210.9
72.5°	1094.7	1106.1	1115.1	1126.6	1133.0	1137.6	1135.0	1133.4	1129.2	1128.6	1126.3
75°	989.2	997.1	1002.1	1010.8	1014.2	1018.5	1016.6	1017.6	1016.3	1019.6	1019.4
77.5°	862.3	868.2	870.6	876.8	877.5	882.7	883.9	889.9	894.3	903.8	908.9
80°	719.6	723.3	723.3	729.7	732.6	741.4	745.5	755.6	760.2	768.6	769.4
82.5°	559.0	554.7	559.0	556.4	564.5	574.3	575.7	584.2	586.1	591.5	587.3
85°	382.2	381.9	378.5	379.1	376.5	377.7	376.2	377.9	376.3	376.5	372.7
87.5°	183.1	184.8	180.7	182.1	178.2	180.0	176.5	179.3	175.2	175.8	169.8
90°	24.7	24.9	24.9	25.1	25.9	26.8	28.0	29.0	30.6	31.5	32.9
92.5°	21.5	22.4	23.1	23.7	24.4	26.3	28.3	30.4	32.4	34.3	36.2
95°	24.6	25.1	25.7	26.6	27.2	30.1	32.9	35.8	38.6	41.6	44.4
97.5°	28.0	28.4	28.7	29.1	29.6	32.9	36.3	39.7	43.0	46.5	49.7
100°	32.1	32.6	33.0	33.7	34.1	41.8	49.6	57.4	65.1	72.8	80.5
102.5°	49.6	52.4	55.1	58.1	60.8	79.7	98.5	117.3	135.8	154.7	173.5
105°	105.6	114.7	124.3	133.4	142.5	171.0	199.6	228.1	256.3	284.7	313.2
107.5°	207.1	223.2	239.6	255.7	271.8	298.6	325.2	352.0	378.8	405.5	431.9
110°	314.3	328.0	342.1	356.1	370.0	391.0	412.4	433.4	454.6	475.7	496.7



TEST NUMBER: P1444618
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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°	378.3	386.7	395.3	403.4	412.0	427.4	443.0	458.3	473.9	489.0	504.4
115°	397.6	401.7	406.3	410.5	415.0	424.2	433.3	442.5	451.7	460.7	469.9
117.5°	390.6	392.0	393.6	394.7	396.2	400.8	405.3	409.7	414.3	418.8	423.3
120°	368.5	368.1	367.8	367.2	366.9	367.8	369.1	370.2	371.4	372.3	373.3
122.5°	343.5	341.9	340.7	339.2	337.7	336.5	335.6	334.5	333.7	332.5	331.4
125°	320.3	318.7	317.3	315.6	313.9	312.1	310.3	308.1	306.2	304.2	302.2
127.5°	301.6	300.0	298.7	297.0	295.5	293.1	291.0	288.8	286.7	284.4	282.2
130°	287.0	285.7	284.8	283.0	281.9	279.7	277.8	275.6	273.5	271.5	269.3
132.5°	278.2	277.2	276.2	274.7	273.8	271.7	270.0	267.8	265.9	263.8	262.1
135°	272.5	271.6	271.0	269.9	268.9	267.0	265.5	263.7	262.1	260.5	258.8
137.5°	268.7	267.9	267.4	266.6	265.8	264.1	262.9	261.2	259.9	258.2	257.0
140°	267.6	267.1	266.5	265.8	265.0	263.5	262.2	260.5	259.1	257.6	256.2
142.5°	265.7	265.3	264.8	264.1	263.5	262.1	261.2	259.9	258.6	257.5	256.3
145°	265.3	264.9	264.8	264.1	263.8	262.5	261.4	259.9	258.9	257.6	256.5
147.5°	264.8	264.4	264.3	264.0	263.9	262.7	262.0	260.8	260.1	258.8	258.1
150°	265.0	265.0	264.8	264.5	264.3	263.3	262.7	261.7	261.0	259.9	259.3
152.5°	265.3	265.4	265.4	265.4	265.5	264.7	264.0	263.2	262.4	261.5	260.8
155°	266.4	266.5	266.7	266.7	266.7	266.1	265.5	264.7	264.1	263.4	262.9
157.5°	268.0	268.3	268.6	268.8	268.8	268.4	267.9	267.3	266.8	266.2	265.7
160°	270.3	270.7	271.0	271.2	271.5	271.1	270.9	270.2	270.0	269.3	268.7
162.5°	273.5	273.9	274.2	274.4	274.6	274.3	274.1	273.7	273.2	272.5	272.0
165°	276.0	276.1	276.5	276.6	276.8	276.5	276.3	276.0	275.7	275.4	275.1
167.5°	279.9	279.9	280.3	280.4	280.6	280.4	280.6	280.2	280.0	279.9	279.7
170°	282.3	282.5	282.7	282.8	283.0	282.8	282.7	282.5	282.6	282.0	281.8
172.5°	283.9	284.0	284.1	284.3	284.2	284.1	284.1	284.0	283.9	283.8	283.6
175°	284.6	284.6	284.7	284.8	284.7	284.8	284.8	284.8	284.7	284.7	284.6
177.5°	285.9	285.9	285.6	285.5	285.5	285.5	285.5	285.5	285.6	285.5	285.5
180°	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1



TEST NUMBER: P1444618
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CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40559.1	40308.6	40275.5	40293.1	40334.9	40350.4	40395.6	40408.0	40453.4	40464.6	40508.2
5°	41396.0	41064.8	41081.4	41161.0	41281.5	41353.3	41471.8	41533.8	41646.8	41698.2	41800.5
7.5°	42278.4	42018.4	42099.5	42233.8	42398.5	42512.6	42655.0	42747.6	42870.3	42946.4	43044.5
10°	42711.7	42640.5	42729.7	42835.4	42929.4	43003.0	43063.3	43111.6	43143.1	43172.8	43185.8
12.5°	42382.0	42492.2	42507.4	42497.2	42434.8	42387.4	42280.5	42207.9	42079.0	42000.6	41847.2
15°	41159.6	41402.1	41267.8	41064.5	40767.2	40519.3	40169.1	39908.4	39543.8	39296.4	38930.5
17.5°	39014.4	39320.4	38970.6	38500.4	37902.2	37390.3	36753.1	36247.3	35613.6	35152.8	34561.5
20°	35994.4	36280.4	35656.5	34877.0	33951.6	33172.8	32254.4	31521.6	30668.2	30033.4	29267.2
22.5°	32234.3	32438.0	31559.0	30508.2	29329.2	28356.2	27258.2	26379.7	25405.7	24679.9	23863.1
25°	28074.4	28129.3	27075.0	25864.4	24550.4	23456.9	22284.6	21361.0	20367.6	19632.1	18830.3
27.5°	23875.8	23795.1	22655.6	21371.8	19989.7	18853.2	17709.7	16844.2	15974.3	15311.7	14620.9
30°	19912.7	19717.6	18534.4	17214.9	15873.2	14854.6	13905.3	13210.3	12518.2	11992.5	11438.1
32.5°	16278.6	16003.3	14851.6	13615.4	12484.9	11698.7	10994.8	10468.9	9910.0	9466.0	9000.7
35°	13059.8	12766.4	11746.1	10698.1	9842.4	9263.0	8709.8	8278.3	7803.7	7429.2	7025.1
37.5°	10297.3	10056.8	9202.2	8377.5	7730.2	7281.2	6827.9	6475.3	6083.2	5918.3	5486.5
40°	7949.5	7781.4	7113.2	6505.2	6019.2	5808.2	5348.1	5018.8	4725.6	4484.0	4249.9
42.5°	6200.7	6141.2	5490.8	5016.8	4674.6	4408.8	4152.3	3944.1	3741.5	3575.0	3417.6
45°	4550.4	4503.4	4214.6	3940.9	3707.7	3522.0	3348.7	3205.5	3073.0	2963.2	2863.3
47.5°	3543.4	3528.3	3362.0	3192.3	3045.5	2926.1	2813.6	2718.6	2630.6	2557.4	2533.5
50°	2882.0	2880.0	2782.5	2677.7	2573.2	2504.1	2432.3	2376.1	2319.7	2275.7	2229.3
52.5°	2448.7	2438.1	2372.3	2307.7	2245.5	2200.2	2154.3	2118.4	2081.0	2053.8	2025.0
55°	2108.2	2119.3	2081.2	2042.5	2003.7	1975.6	1943.3	1919.7	1894.0	1876.8	1859.5
57.5°	1871.5	1886.3	1866.3	1844.4	1820.8	1802.2	1780.0	1763.7	1746.5	1735.6	1725.5
60°	1699.4	1715.5	1707.5	1696.5	1681.9	1670.9	1656.7	1647.6	1636.6	1630.5	1624.8
62.5°	1553.4	1573.5	1570.7	1565.5	1556.1	1549.9	1542.3	1538.2	1530.9	1528.2	1525.6
65°	1407.7	1430.3	1429.9	1427.3	1422.1	1420.4	1415.6	1414.7	1410.9	1412.4	1412.1
67.5°	1293.1	1312.8	1317.1	1320.3	1320.1	1321.3	1320.9	1322.7	1322.7	1325.6	1327.4
70°	1210.5	1224.1	1227.5	1230.7	1231.6	1234.2	1234.2	1235.9	1235.4	1237.9	1238.2
72.5°	1126.9	1144.8	1148.2	1150.8	1150.8	1153.4	1152.0	1151.6	1148.0	1147.3	1144.7
75°	1022.8	1045.9	1051.0	1054.3	1054.8	1056.9	1053.8	1051.9	1045.9	1043.6	1039.3
77.5°	914.2	938.2	941.8	943.0	941.0	941.5	934.9	930.5	922.9	919.7	915.7
80°	772.9	808.1	811.0	808.7	803.2	802.3	795.9	791.7	782.7	779.5	776.1
82.5°	588.1	629.5	635.3	637.9	633.4	634.5	628.3	625.9	617.6	616.1	610.6
85°	371.3	412.8	419.5	418.5	414.0	413.0	409.4	410.6	409.9	412.2	413.3
87.5°	170.6	210.7	220.3	217.3	216.8	213.9	207.6	209.9	213.8	216.3	216.5
90°	34.0	47.3	48.1	48.3	44.6	44.2	40.8	41.2	38.3	38.5	35.9
92.5°	38.3	40.3	42.2	40.5	38.7	36.9	35.2	33.2	31.6	29.7	28.1
95°	47.2	49.8	52.7	50.3	47.7	45.4	43.0	40.8	38.4	36.0	33.7
97.5°	53.0	56.2	59.3	57.0	54.6	52.2	49.8	47.5	45.2	42.6	40.3
100°	88.3	95.5	103.0	96.4	89.6	82.9	76.2	69.4	62.8	56.1	49.3
102.5°	192.0	210.5	229.1	212.0	195.1	178.0	161.1	144.2	127.3	110.1	93.3
105°	341.3	369.2	397.4	371.2	345.4	319.4	293.6	267.8	241.9	215.9	190.2
107.5°	458.5	484.2	510.4	486.8	463.3	439.9	416.3	392.8	369.3	345.8	322.5
110°	517.7	537.4	558.1	542.0	526.2	510.1	494.3	478.2	462.4	446.6	430.8



TEST NUMBER: P1444618
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CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	519.6	533.2	548.0	538.2	528.8	519.2	509.7	500.1	490.7	481.2	472.1
115°	478.8	485.7	494.2	489.9	485.8	481.7	477.5	473.6	469.4	465.4	461.7
117.5°	427.6	429.5	433.2	431.7	430.5	429.1	427.8	426.5	425.4	424.3	423.3
120°	374.2	372.5	372.7	372.2	372.1	371.6	371.5	371.1	371.0	370.8	370.8
122.5°	330.2	326.1	324.1	323.6	323.1	322.5	322.2	321.7	321.4	321.1	321.0
125°	300.2	294.8	291.7	290.2	288.7	287.0	285.4	283.8	282.4	280.9	279.6
127.5°	279.9	274.1	270.9	268.5	266.0	263.3	260.9	258.3	256.1	253.4	251.3
130°	267.4	261.4	258.2	255.3	252.6	249.5	246.8	244.0	241.1	238.2	235.5
132.5°	259.9	253.8	250.9	248.1	245.6	242.6	240.0	236.9	234.2	231.1	228.6
135°	257.1	251.1	248.4	245.7	243.4	240.7	238.0	235.4	232.9	230.0	227.8
137.5°	255.3	249.2	246.7	244.5	242.5	240.2	238.2	235.8	233.6	231.0	229.1
140°	254.6	248.2	245.9	244.4	243.0	241.2	239.8	238.2	236.6	235.1	233.4
142.5°	255.0	248.7	246.4	245.3	244.4	243.0	242.2	241.0	239.9	238.3	237.2
145°	255.3	248.4	246.2	245.4	245.1	244.4	243.9	243.2	242.7	241.9	241.3
147.5°	256.9	249.8	247.3	247.1	246.8	246.5	246.4	245.8	245.7	245.3	245.0
150°	258.1	250.0	247.3	247.3	247.1	247.1	247.1	246.9	247.1	246.9	246.9
152.5°	259.7	250.0	246.9	246.9	247.2	247.0	247.2	247.3	247.6	247.8	247.9
155°	261.8	251.3	247.8	247.5	247.5	247.5	247.5	247.7	247.8	248.0	248.2
157.5°	264.7	253.5	250.2	249.7	249.6	249.5	249.5	249.5	249.6	249.7	250.0
160°	268.2	256.8	253.4	252.9	252.7	252.5	252.3	252.2	252.2	252.3	252.5
162.5°	271.3	260.2	257.0	256.5	256.1	255.9	255.8	255.4	255.5	255.4	255.6
165°	274.5	264.7	261.6	261.1	261.0	260.6	260.5	260.3	260.4	260.3	260.5
167.5°	279.1	270.2	267.8	267.3	266.9	266.4	266.4	265.8	265.8	265.5	265.5
170°	281.4	274.4	272.3	272.1	272.2	271.9	271.7	271.7	271.6	271.3	271.4
172.5°	283.4	278.3	276.7	276.6	276.8	276.8	277.0	276.9	277.1	277.2	277.4
175°	284.5	281.5	280.8	280.6	280.6	280.7	280.8	280.8	280.9	281.0	281.3
177.5°	285.6	284.8	284.4	284.4	284.4	284.4	284.4	284.4	284.4	284.6	284.6
180°	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1



TEST NUMBER: P1444618
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40516.4	40563.7	40560.0	40604.2	40602.0	40643.5	40635.2	40671.0	40662.9	40693.5	40675.6
5°	41845.5	41935.3	41964.9	42046.0	42062.8	42135.4	42136.9	42194.6	42187.6	42232.7	42208.7
7.5°	43102.7	43186.6	43226.3	43289.3	43320.8	43372.9	43393.3	43436.3	43446.6	43471.9	43471.1
10°	43208.8	43208.5	43228.1	43219.4	43237.0	43226.7	43248.2	43240.5	43272.2	43264.1	43288.0
12.5°	41781.1	41639.4	41587.7	41460.4	41432.6	41323.4	41331.1	41261.1	41294.9	41251.9	41325.1
15°	38712.9	38384.2	38221.7	37936.0	37846.3	37620.4	37602.1	37452.0	37492.6	37414.1	37528.8
17.5°	34178.8	33661.3	33377.3	32960.1	32794.3	32474.9	32410.9	32217.8	32247.7	32150.4	32289.0
20°	28773.0	28147.7	27789.4	27306.9	27091.6	26710.8	26609.7	26393.7	26420.8	26324.0	26480.8
22.5°	23305.5	22650.9	22246.6	21740.8	21465.9	21107.7	21000.2	20783.1	20795.5	20704.7	20855.4
25°	18281.1	17653.6	17261.1	16801.6	16563.1	16234.7	16121.7	15926.9	15937.9	15862.9	15998.3
27.5°	14141.8	13626.9	13298.5	12913.3	12699.5	12429.6	12319.4	12155.5	12155.1	12100.1	12213.2
30°	11051.0	10621.4	10326.5	9991.1	9790.3	9546.7	9440.3	9293.6	9287.2	9248.3	9338.0
32.5°	8652.7	8270.5	8001.5	7706.5	7526.1	7317.1	7216.4	7098.5	7087.8	7052.5	7126.2
35°	6726.3	6404.6	6173.2	5924.7	5943.1	5634.6	5685.9	5446.3	5381.4	5367.2	5422.1
37.5°	5198.7	4949.4	4761.6	4575.5	4449.4	4319.1	4248.8	4185.9	4178.7	4172.6	4211.0
40°	4069.2	3894.7	3758.1	3630.4	3543.7	3464.1	3420.2	3385.6	3377.4	3372.8	3396.0
42.5°	3293.4	3175.7	3087.6	3009.7	2957.0	2913.7	2889.6	2870.4	2863.9	2864.1	2877.8
45°	2782.5	2711.1	2654.3	2605.9	2572.2	2587.0	2543.5	2566.3	2536.1	2567.3	2546.8
47.5°	2450.4	2389.6	2354.4	2320.1	2299.7	2283.3	2283.9	2284.2	2290.7	2291.7	2298.3
50°	2194.1	2158.9	2134.5	2112.6	2102.0	2093.3	2096.4	2098.5	2104.8	2105.3	2110.2
52.5°	2004.4	1981.4	1966.6	1953.0	1948.3	1943.3	1945.4	1944.5	1947.4	1945.9	1949.9
55°	1850.0	1839.2	1834.6	1829.5	1830.3	1828.9	1829.8	1824.9	1821.9	1818.2	1821.6
57.5°	1723.4	1721.9	1725.1	1727.1	1732.9	1735.0	1736.4	1730.7	1725.4	1720.5	1723.3
60°	1625.9	1628.2	1636.0	1642.2	1650.5	1654.5	1656.8	1653.6	1649.6	1645.6	1648.1
62.5°	1529.6	1533.3	1542.6	1549.5	1559.7	1564.9	1570.7	1571.0	1572.5	1571.0	1572.6
65°	1417.8	1422.4	1430.8	1436.6	1446.0	1450.6	1456.5	1457.6	1460.8	1460.2	1463.0
67.5°	1332.9	1337.1	1344.1	1349.6	1357.9	1362.7	1367.9	1368.2	1369.4	1369.1	1371.8
70°	1242.3	1244.4	1250.6	1255.3	1263.6	1268.5	1274.5	1276.3	1280.0	1280.6	1283.5
72.5°	1145.7	1144.8	1148.6	1150.6	1156.9	1160.9	1168.4	1172.5	1178.8	1180.5	1182.8
75°	1040.5	1039.6	1044.2	1045.9	1051.3	1055.2	1063.7	1069.2	1078.8	1082.9	1081.9
77.5°	918.8	920.9	929.2	933.9	941.0	945.9	957.0	965.8	983.6	991.2	983.4
80°	782.7	784.9	793.6	797.9	807.2	813.2	825.6	835.8	851.8	855.3	850.8
82.5°	615.3	616.0	623.6	627.0	639.2	648.0	663.6	671.8	681.6	680.1	679.0
85°	419.5	425.2	435.0	444.6	459.5	473.8	488.6	500.8	492.1	505.7	490.5
87.5°	224.3	223.7	236.7	234.7	255.5	267.6	280.4	286.5	293.4	292.0	292.1
90°	36.5	34.4	35.6	33.1	35.3	32.5	35.7	33.3	37.2	33.9	39.5
92.5°	26.1	25.3	24.3	23.5	22.3	21.6	20.4	19.4	18.6	17.6	18.6
95°	31.3	30.5	29.6	28.6	27.7	26.9	26.0	25.1	24.3	23.4	24.5
97.5°	37.9	37.4	36.9	36.3	35.9	35.4	34.9	34.3	33.7	33.2	33.9
100°	42.6	42.6	42.6	42.6	42.3	42.3	42.3	42.3	42.3	42.3	42.9
102.5°	76.2	74.6	72.9	71.0	69.3	67.6	65.9	64.2	62.6	60.9	63.4
105°	164.2	157.7	151.0	144.3	137.5	130.9	124.4	117.7	111.1	104.5	111.3
107.5°	299.2	287.0	274.8	262.9	250.7	238.6	226.6	214.6	202.5	190.6	201.4
110°	415.0	402.1	389.2	376.4	363.5	350.7	337.9	325.1	312.4	299.6	309.8



TEST NUMBER: P1444618
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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°	462.8	454.0	445.7	437.3	428.9	420.7	412.4	404.1	396.0	387.7	392.7
115°	457.6	453.5	449.4	445.4	441.3	437.1	433.2	429.3	425.4	421.5	421.8
117.5°	422.2	420.5	419.0	417.5	415.9	414.5	413.1	411.9	410.5	409.4	406.7
120°	370.9	370.8	370.7	371.0	371.2	371.6	371.6	372.2	372.7	373.2	369.4
122.5°	320.8	321.1	321.6	322.3	323.0	323.8	324.5	325.7	326.8	327.9	324.2
125°	278.1	278.5	278.8	279.4	279.7	280.6	281.4	282.6	283.5	284.8	281.6
127.5°	249.0	248.6	248.0	248.0	247.8	248.0	248.2	248.6	249.1	249.8	247.8
130°	232.6	231.5	230.3	229.5	228.4	227.9	227.5	227.0	226.8	226.7	226.0
132.5°	225.7	224.2	222.5	221.0	219.6	218.7	217.5	216.9	216.1	215.7	215.5
135°	224.8	222.9	221.0	219.2	217.5	216.4	214.8	213.9	213.0	212.2	212.8
137.5°	226.7	224.9	222.9	221.3	219.5	218.4	216.8	215.8	214.9	214.1	214.8
140°	231.7	229.9	227.9	226.3	224.8	223.5	222.2	221.3	220.0	219.6	220.0
142.5°	235.9	234.6	232.7	231.2	229.8	228.7	227.6	226.7	225.6	225.2	225.6
145°	240.6	239.4	238.0	236.8	235.8	235.2	234.0	233.6	233.0	232.8	233.1
147.5°	244.4	243.7	242.5	241.8	240.8	240.4	239.6	239.3	238.8	238.7	238.9
150°	246.8	246.4	245.7	245.2	244.6	244.3	243.9	243.7	243.4	243.4	243.5
152.5°	248.1	247.8	247.1	246.8	246.5	246.3	246.0	246.1	245.9	245.9	246.0
155°	248.4	248.2	248.1	248.1	248.0	248.2	248.1	248.4	248.4	248.7	248.8
157.5°	250.1	250.3	250.3	250.6	250.7	251.0	251.1	251.6	251.7	252.2	252.4
160°	252.9	253.1	253.1	253.4	253.5	253.7	254.0	254.3	254.6	254.9	255.3
162.5°	255.7	256.1	256.3	256.6	257.0	257.3	257.7	258.3	258.6	259.2	259.7
165°	260.6	260.7	260.7	260.9	261.2	261.4	261.6	262.3	262.5	263.0	263.4
167.5°	265.4	265.6	265.6	265.7	266.0	266.4	266.6	267.1	267.5	268.2	268.6
170°	271.2	271.2	271.2	271.2	271.2	271.5	271.7	271.8	272.0	272.4	272.7
172.5°	277.3	277.3	277.0	277.3	277.0	277.3	277.3	277.5	277.5	277.7	277.8
175°	281.1	281.5	281.6	281.8	281.7	281.8	281.9	281.9	282.0	282.3	282.3
177.5°	284.6	284.7	284.7	284.7	284.7	284.9	284.9	284.9	284.9	284.7	284.8
180°	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1



TEST NUMBER: P1444618
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40705.5	40685.1	40705.9	40684.8	40705.9	40680.6	40697.8	40670.4	40677.3	40648.8	40656.2
5°	42244.7	42212.1	42229.4	42187.3	42191.7	42135.4	42134.3	42068.8	42051.5	41976.9	41944.1
7.5°	43489.2	43478.6	43484.6	43457.4	43454.3	43415.8	43397.6	43343.3	43309.1	43240.5	43193.5
10°	43292.2	43323.9	43332.1	43364.5	43371.1	43403.2	43409.9	43442.0	43448.6	43472.3	43472.6
12.5°	41321.7	41429.5	41455.2	41588.3	41644.3	41796.5	41878.3	42046.0	42145.6	42313.0	42415.8
15°	37525.7	37712.0	37786.4	38046.3	38190.0	38493.3	38684.0	39032.3	39278.2	39648.1	39911.9
17.5°	32301.1	32561.6	32679.2	33031.6	33261.4	33709.1	34031.9	34563.0	34969.7	35560.0	36027.8
20°	26507.6	26797.0	26956.6	27358.6	27629.9	28153.1	28555.9	29208.6	29752.9	30500.9	31140.5
22.5°	20902.7	21178.2	21355.3	21764.3	22069.7	22615.4	23065.7	23754.5	24364.4	25207.2	25974.2
25°	16049.3	16301.8	16461.9	16831.8	17118.7	17620.0	18050.1	18712.6	19309.3	20154.8	20941.1
27.5°	12269.5	12480.9	12635.3	12950.8	13203.7	13628.9	13998.3	14545.9	15060.0	15791.4	16491.7
30°	9393.3	9580.8	9730.9	10005.7	10240.3	10608.8	10933.6	11393.5	11819.1	12401.1	12958.2
32.5°	7178.1	7339.5	7473.3	7713.7	7926.5	8258.4	8551.0	8954.3	9319.5	9813.1	10271.4
35°	5473.0	5790.5	5768.0	6099.7	6153.0	6391.3	6652.3	7004.8	7328.3	7748.0	8138.1
37.5°	4248.0	4337.3	4432.8	4579.5	4733.5	4950.3	5170.8	5601.5	5759.5	6076.8	6399.6
40°	3425.5	3485.9	3549.1	3648.1	3756.0	3908.7	4069.3	4274.8	4485.3	4742.4	5005.2
42.5°	2896.0	2930.1	2970.3	3028.6	3095.1	3191.9	3299.4	3438.7	3585.1	3766.2	3950.9
45°	2587.4	2571.2	2583.1	2614.4	2654.5	2713.3	2781.1	2867.4	2962.7	3080.0	3204.9
47.5°	2299.7	2306.3	2309.8	2326.8	2348.3	2387.8	2428.9	2487.4	2600.6	2635.0	2703.0
50°	2109.7	2112.9	2111.8	2120.4	2131.3	2157.0	2183.7	2223.3	2262.9	2315.3	2365.4
52.5°	1950.5	1954.9	1954.3	1960.0	1965.8	1982.0	1998.9	2026.9	2052.9	2086.3	2114.9
55°	1824.8	1830.9	1833.2	1838.0	1840.8	1849.3	1856.0	1869.5	1880.5	1899.3	1916.8
57.5°	1728.0	1736.4	1740.2	1741.9	1738.4	1738.0	1735.8	1738.6	1740.9	1751.0	1760.8
60°	1651.9	1658.6	1659.7	1658.6	1652.4	1647.9	1640.7	1638.4	1637.3	1642.2	1647.6
62.5°	1572.2	1574.6	1572.9	1571.0	1563.9	1559.6	1552.1	1549.3	1546.9	1550.3	1553.1
65°	1461.9	1464.0	1461.9	1460.7	1454.4	1450.9	1444.6	1442.6	1438.9	1439.9	1439.2
67.5°	1372.3	1374.5	1372.8	1371.2	1366.7	1364.7	1360.1	1357.0	1352.7	1351.1	1348.1
70°	1283.2	1284.8	1282.3	1280.6	1275.6	1273.6	1269.3	1268.4	1265.0	1264.2	1260.8
72.5°	1180.5	1180.6	1177.1	1176.0	1172.3	1172.2	1170.4	1172.0	1171.9	1173.6	1172.8
75°	1075.4	1073.9	1069.5	1068.7	1065.9	1067.2	1065.3	1067.8	1068.1	1072.1	1072.5
77.5°	970.3	964.7	956.2	952.2	946.5	945.8	942.5	944.8	944.1	948.5	950.3
80°	837.4	830.6	819.8	814.5	807.8	806.8	803.8	806.8	805.3	810.6	814.2
82.5°	668.5	662.7	651.4	647.2	639.5	640.2	636.9	640.2	639.8	647.5	652.0
85°	494.5	490.6	479.1	468.7	457.3	450.6	444.0	442.8	440.8	444.0	446.6
87.5°	285.6	282.0	273.0	267.0	246.8	247.7	239.9	239.5	237.5	235.7	239.9
90°	37.4	42.0	40.3	44.4	43.2	48.0	47.3	52.0	50.2	54.5	53.6
92.5°	19.4	20.4	21.4	22.3	23.3	24.3	25.1	26.1	28.2	30.0	32.3
95°	25.5	26.7	27.8	28.9	30.0	31.1	32.2	33.3	36.3	39.3	42.3
97.5°	34.8	35.4	36.1	36.8	37.6	38.3	39.1	39.8	43.1	46.4	49.6
100°	43.5	44.1	44.7	45.3	45.9	46.5	47.1	47.6	54.1	60.4	66.6
102.5°	65.9	68.4	70.8	73.4	76.0	78.5	81.0	83.5	98.0	112.3	126.6
105°	118.2	124.9	132.0	138.8	145.7	152.4	159.4	166.2	189.3	212.2	235.3
107.5°	212.1	222.9	233.7	244.6	255.4	266.3	277.0	288.0	310.4	333.0	355.4
110°	320.1	330.5	340.9	351.2	361.5	371.9	382.3	392.8	406.5	420.0	433.7



TEST NUMBER: P1444618
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	397.8	402.7	407.9	413.0	418.3	423.5	428.7	434.0	440.9	447.8	455.0
115°	422.2	422.5	423.1	423.5	424.0	424.4	425.3	425.9	428.5	430.9	433.6
117.5°	403.9	401.4	398.8	396.2	393.6	391.4	389.1	386.9	386.9	386.9	387.2
120°	366.2	362.6	359.1	355.5	352.3	349.0	346.1	343.0	341.8	340.8	339.7
122.5°	320.7	317.3	313.9	310.6	307.5	304.5	301.7	298.8	298.2	297.8	297.4
125°	278.8	276.0	273.4	270.7	268.5	266.2	264.1	262.0	262.8	263.5	264.6
127.5°	246.3	244.8	243.4	242.0	241.1	240.1	239.3	238.4	240.3	242.1	244.0
130°	225.6	225.2	225.1	224.8	225.2	225.2	225.6	225.8	228.4	230.7	233.3
132.5°	216.0	216.3	216.9	217.5	218.4	219.2	220.4	221.4	224.2	226.6	229.5
135°	213.3	213.9	215.0	215.9	217.4	218.6	220.0	221.3	224.2	226.5	229.3
137.5°	215.7	216.5	217.6	218.8	220.3	221.6	223.4	224.7	227.0	229.2	231.4
140°	220.8	221.5	222.6	223.7	224.8	226.1	227.7	228.9	231.1	232.7	234.6
142.5°	226.6	227.0	228.1	229.1	230.3	231.3	232.7	233.7	235.4	236.6	238.6
145°	233.7	234.2	235.2	235.7	236.8	237.8	238.8	239.8	241.1	242.1	243.3
147.5°	239.5	239.9	240.7	241.4	242.3	243.0	243.8	244.5	245.7	246.6	247.4
150°	244.0	244.4	244.9	245.3	246.1	246.8	247.6	248.1	248.9	249.6	250.6
152.5°	246.6	246.8	247.3	247.7	248.3	248.9	249.5	250.1	251.0	251.5	252.2
155°	249.3	249.9	250.5	251.0	251.7	252.0	252.7	253.1	253.9	254.5	255.3
157.5°	253.0	253.3	254.1	254.4	255.2	255.6	256.2	256.7	257.4	257.8	258.4
160°	256.0	256.7	257.2	257.8	258.5	259.0	259.7	260.4	261.0	261.5	262.1
162.5°	260.3	260.9	261.5	261.9	262.5	263.1	263.5	264.1	265.0	265.4	266.1
165°	264.1	264.6	265.4	265.8	266.7	267.3	267.9	268.6	268.9	269.5	270.0
167.5°	269.1	269.5	270.4	270.8	271.5	272.1	272.7	273.2	273.8	274.1	274.6
170°	273.2	273.7	274.3	274.7	275.3	275.6	276.3	276.7	277.4	277.8	278.4
172.5°	278.2	278.5	278.9	279.1	279.5	279.9	280.3	280.5	281.1	281.5	281.8
175°	282.3	282.3	282.4	282.6	282.7	282.7	282.9	283.2	283.3	283.5	283.6
177.5°	284.9	284.9	285.0	285.1	285.2	285.2	285.3	285.4	285.4	285.4	285.4
180°	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1



TEST NUMBER: P1444618
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40627.7	40629.5	40596.7	40594.9	40564.3	40560.3	40530.4	40521.3	40497.1	40488.2	40463.5
5°	41860.4	41820.4	41728.2	41674.0	41582.8	41522.4	41423.8	41359.4	41264.2	41192.4	41096.6
7.5°	43107.0	43045.0	42941.5	42857.6	42731.1	42630.1	42482.1	42360.9	42200.5	42061.8	41893.4
10°	43472.6	43463.1	43436.7	43398.2	43339.4	43273.3	43172.5	43067.5	42927.0	42774.4	42587.3
12.5°	42573.0	42670.2	42802.6	42881.1	42976.6	43018.5	43057.7	43047.9	43022.0	42944.9	42836.7
15°	40294.1	40567.1	40928.5	41208.6	41530.9	41765.1	42023.8	42185.0	42345.7	42420.0	42465.4
17.5°	36668.9	37185.8	37833.9	38371.0	38990.8	39488.5	40034.1	40444.9	40867.3	41169.9	41443.6
20°	32012.5	32761.2	33677.9	34487.7	35429.3	36247.5	37144.3	37880.4	38639.5	39233.2	39794.9
22.5°	26961.7	27851.0	28959.2	29985.8	31199.7	32290.6	33521.4	34592.7	35711.2	36645.7	37549.2
25°	21995.1	22970.4	24182.2	25327.6	26702.3	27971.3	29430.9	30766.1	32211.8	33466.9	34706.8
27.5°	17459.9	18417.4	19654.6	20873.8	22327.5	23679.6	25243.7	26714.6	28360.7	29878.7	31431.5
30°	13732.4	14544.5	15653.8	16834.7	18268.5	19644.4	21225.4	22738.3	24450.7	26108.1	27857.1
32.5°	10879.7	11498.5	12370.5	13369.1	14692.0	16001.8	17507.2	18967.7	20654.0	22328.3	24147.4
35°	8640.5	9123.1	9788.0	10567.3	11687.5	12816.7	14148.1	15476.3	17049.5	18638.2	20406.3
37.5°	6813.5	7205.0	7725.8	8311.2	9209.7	10136.3	11228.2	12329.3	13696.3	15104.6	16707.0
40°	5320.6	5637.7	6043.1	6479.6	7158.2	7872.1	8716.4	9570.3	10668.6	11819.6	13145.7
42.5°	4179.7	4413.7	4700.0	5019.1	5652.1	6031.1	6603.8	7221.3	8028.7	8864.3	9861.3
45°	3356.6	3516.3	3714.9	3928.8	4222.6	4544.2	4936.3	5347.5	6114.6	6490.8	7097.2
47.5°	2803.1	2910.3	3036.6	3171.5	3344.8	3531.8	3764.4	4002.1	4309.6	4628.4	5002.1
50°	2430.4	2539.3	2582.7	2652.5	2752.8	2859.6	2990.7	3121.9	3286.8	3454.0	3646.3
52.5°	2153.7	2189.2	2236.4	2280.9	2342.9	2464.5	2503.8	2572.4	2664.9	2755.4	2856.4
55°	1942.5	1965.5	1996.2	2023.0	2060.6	2096.5	2148.3	2193.9	2255.6	2310.1	2377.2
57.5°	1777.9	1792.7	1814.0	1831.6	1855.9	1876.2	1906.5	1931.3	1966.7	1997.6	2038.2
60°	1658.5	1668.3	1682.5	1694.0	1709.6	1720.2	1735.2	1746.8	1765.5	1781.3	1803.9
62.5°	1560.8	1565.9	1575.3	1582.1	1591.9	1597.2	1605.2	1610.3	1620.6	1628.5	1641.2
65°	1443.8	1444.9	1451.2	1454.1	1461.8	1464.6	1471.2	1473.5	1482.1	1487.9	1499.1
67.5°	1347.8	1345.1	1345.2	1343.1	1344.1	1341.8	1342.5	1340.0	1343.5	1345.2	1353.8
70°	1260.2	1256.4	1255.3	1251.2	1250.0	1245.9	1244.7	1241.0	1240.5	1239.3	1242.3
72.5°	1174.8	1173.8	1174.1	1171.3	1171.0	1168.1	1168.2	1166.5	1168.4	1169.3	1173.1
75°	1076.7	1077.0	1078.8	1076.4	1077.1	1074.7	1075.6	1073.3	1074.5	1074.1	1078.0
77.5°	957.1	960.0	965.2	964.1	965.8	963.1	964.3	961.2	962.0	960.0	961.5
80°	822.8	828.7	835.7	835.4	838.4	836.4	839.2	836.1	837.4	833.8	832.9
82.5°	663.1	668.2	675.7	676.0	682.6	683.8	691.0	690.7	695.4	692.4	690.2
85°	453.4	456.9	463.3	467.0	473.7	477.8	484.9	487.7	482.6	491.8	484.6
87.5°	236.7	245.6	240.7	252.1	249.4	261.0	258.5	269.2	267.2	276.4	275.2
90°	59.5	59.2	65.5	65.6	73.3	74.5	80.4	78.8	84.4	83.1	88.7
92.5°	34.1	36.4	38.5	40.6	42.6	44.9	42.8	40.9	39.0	37.2	35.2
95°	45.3	48.3	51.3	54.3	57.3	60.3	57.1	53.9	50.7	47.4	44.3
97.5°	52.8	56.0	59.2	62.5	65.9	69.2	65.3	61.5	57.7	53.9	50.2
100°	72.9	79.2	85.5	91.6	98.1	104.3	97.3	90.2	83.3	76.1	69.1
102.5°	141.2	155.5	169.8	184.4	198.6	213.1	198.1	183.3	168.3	153.2	138.1
105°	258.2	281.3	304.3	327.3	350.3	373.7	349.3	325.0	300.6	276.4	252.0
107.5°	378.0	400.4	423.2	445.5	468.1	490.8	466.3	441.6	417.2	392.5	367.9
110°	447.5	461.1	474.8	488.7	502.3	516.3	498.4	480.6	462.8	444.9	426.9



TEST NUMBER: P1444618
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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°	462.0	469.3	476.2	483.6	490.6	497.8	485.2	472.8	460.0	447.5	434.9
115°	436.3	438.9	441.5	444.4	446.9	449.6	441.3	433.1	424.8	416.6	407.9
117.5°	387.4	387.9	388.0	388.6	388.6	388.9	384.5	380.2	375.7	371.3	366.8
120°	338.5	337.6	336.6	335.5	334.4	333.2	331.8	330.5	328.9	327.3	325.5
122.5°	296.9	296.7	296.3	295.9	295.3	294.8	294.7	294.7	294.4	294.2	293.8
125°	265.4	266.4	267.2	268.1	268.8	269.6	269.8	270.2	270.5	270.9	270.9
127.5°	245.7	247.5	249.2	251.0	252.5	254.2	254.7	255.6	256.2	256.8	257.3
130°	235.6	238.2	240.5	242.6	244.8	247.2	247.6	248.3	248.8	249.4	249.9
132.5°	232.0	234.6	237.0	239.8	242.0	244.5	245.0	245.7	245.9	246.6	247.0
135°	231.7	234.2	236.4	239.1	241.1	243.5	243.9	244.4	244.7	245.4	245.7
137.5°	233.3	235.6	237.5	239.6	241.4	243.5	243.7	244.3	244.5	245.2	245.5
140°	236.3	238.1	239.7	241.5	243.0	244.8	245.0	245.3	245.5	245.7	245.8
142.5°	239.9	241.4	242.6	244.3	245.4	246.9	246.7	246.7	246.7	246.7	246.6
145°	244.4	245.8	246.7	247.8	248.5	249.8	249.4	249.3	248.9	248.8	248.4
147.5°	248.2	249.2	249.8	250.7	251.1	252.1	251.7	251.4	251.1	250.6	250.2
150°	251.1	252.1	252.6	253.2	253.7	254.6	254.0	253.6	253.0	252.5	252.2
152.5°	252.9	253.6	254.2	254.6	255.2	255.7	255.1	254.9	254.1	253.5	253.0
155°	255.6	256.3	256.6	257.2	257.4	257.7	257.1	257.0	256.5	255.9	255.3
157.5°	258.8	259.4	259.9	260.2	260.5	261.0	260.6	260.3	259.8	259.6	259.0
160°	262.5	263.0	263.3	263.6	264.1	264.2	263.9	263.9	263.6	263.3	262.8
162.5°	266.5	267.2	267.6	267.9	268.5	268.8	268.6	268.4	267.9	267.6	267.1
165°	270.4	270.9	271.4	271.8	272.0	272.4	272.2	272.1	271.8	271.7	271.3
167.5°	274.9	275.6	275.9	276.3	276.5	276.8	276.5	276.7	276.3	276.0	275.7
170°	278.7	279.1	279.6	279.9	280.1	280.3	280.3	280.2	279.9	279.8	279.5
172.5°	282.2	282.6	282.7	283.0	283.1	283.5	283.4	283.1	282.9	282.6	282.3
175°	283.6	283.8	284.1	284.1	284.1	284.2	284.0	283.8	283.5	283.3	283.1
177.5°	285.4	285.4	285.4	285.3	285.3	285.3	285.2	285.0	284.9	284.7	284.4
180°	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1



TEST NUMBER: P1444618
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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40454.7	40437.2	40425.9	40411.4	40402.6	40391.4	40383.2	40376.3	40370.6	40365.4	40361.4
5°	41023.6	40933.1	40863.0	40787.0	40724.6	40662.3	40614.3	40574.5	40547.1	40526.6	40514.4
7.5°	41747.8	41582.3	41435.2	41280.2	41141.3	41004.7	40886.9	40785.5	40709.4	40660.0	40630.1
10°	42394.6	42173.0	41953.9	41723.3	41504.5	41292.4	41096.6	40924.4	40788.0	40697.5	40644.5
12.5°	42684.6	42495.8	42272.1	42021.6	41753.5	41482.3	41218.1	40979.7	40779.6	40645.3	40567.8
15°	42429.2	42351.7	42199.9	42005.5	41751.2	41470.7	41160.4	40868.7	40600.3	40426.3	40325.4
17.5°	41598.6	41706.8	41695.1	41620.8	41437.9	41202.0	40885.7	40558.0	40222.3	39989.7	39862.6
20°	40196.8	40536.9	40709.4	40797.9	40726.1	40573.0	40286.7	39954.1	39562.8	39259.2	39073.9
22.5°	38226.9	38827.3	39201.4	39475.1	39533.2	39481.1	39228.2	38911.9	38475.8	38110.7	37837.1
25°	35691.1	36570.6	37161.9	37625.3	37805.3	37851.8	37636.7	37322.2	36835.9	36410.7	36034.8
27.5°	32704.2	33847.0	34636.4	35259.2	35540.3	35662.2	35464.2	35143.3	34568.1	34060.5	33569.5
30°	29341.5	30697.4	31647.8	32394.6	32737.3	32898.4	32688.0	32329.8	31660.5	31049.6	30431.0
32.5°	25742.5	27226.1	28261.8	29072.8	29412.4	29563.8	29288.7	28886.4	28112.8	27393.2	26671.7
35°	21974.3	23471.8	24516.2	25305.7	25590.2	25681.6	25329.6	24864.6	24007.6	23217.7	22431.1
37.5°	18129.3	19522.6	20471.8	21180.3	21356.4	21372.1	20948.2	20434.5	19533.7	18754.9	17971.9
40°	14317.6	15492.6	16259.0	16826.0	16887.1	16832.6	16371.6	15854.8	15012.1	14314.4	13626.9
42.5°	10727.2	11614.1	12160.9	12549.5	12526.4	12418.7	11996.0	11551.7	10856.4	10325.0	9784.0
45°	7651.2	8235.9	8555.6	8783.0	8710.1	8607.4	8278.4	7967.0	7494.6	7151.3	6787.7
47.5°	5315.4	6013.7	5892.1	6336.7	5953.7	6206.6	5679.8	5389.4	5138.7	4956.3	4750.8
50°	3805.3	3965.4	4042.7	4095.4	4067.4	4028.5	3933.9	3849.3	3734.7	3651.2	3554.0
52.5°	2938.8	3018.7	3062.5	3094.3	3088.1	3073.9	3032.6	2995.0	2941.3	2906.0	2863.3
55°	2489.3	2490.5	2571.0	2536.4	2587.6	2527.7	2551.3	2485.0	2495.7	2438.7	2400.5
57.5°	2068.5	2101.3	2116.0	2130.4	2126.3	2123.8	2107.8	2099.8	2081.7	2076.2	2063.4
60°	1819.5	1836.7	1840.2	1846.8	1841.3	1839.2	1826.6	1822.2	1810.1	1807.9	1799.4
62.5°	1648.8	1657.6	1657.6	1657.6	1650.4	1643.5	1629.7	1622.4	1612.1	1609.9	1604.9
65°	1506.3	1515.5	1516.9	1518.8	1513.6	1508.3	1496.0	1488.2	1477.5	1473.5	1467.9
67.5°	1359.3	1369.0	1372.2	1377.2	1374.2	1373.1	1364.8	1361.6	1354.7	1353.0	1347.8
70°	1243.8	1247.8	1247.5	1247.4	1240.8	1235.0	1225.3	1220.7	1213.4	1211.9	1207.1
72.5°	1175.1	1177.9	1176.2	1173.6	1165.2	1156.5	1145.1	1136.8	1127.3	1121.4	1114.6
75°	1078.4	1082.2	1079.7	1078.1	1070.5	1064.9	1055.8	1051.1	1044.5	1042.5	1037.9
77.5°	959.7	961.5	957.6	957.1	951.3	947.8	940.9	939.7	934.8	934.9	930.5
80°	827.5	826.5	820.2	819.0	813.2	811.8	806.4	806.6	802.8	804.4	801.2
82.5°	680.9	677.2	669.0	666.6	659.9	659.3	655.8	658.7	656.4	659.9	657.8
85°	488.0	489.0	485.4	485.4	483.5	484.1	483.8	486.0	486.3	489.6	489.5
87.5°	272.1	275.9	275.2	278.8	278.6	282.6	284.0	290.0	290.7	296.2	296.2
90°	87.5	93.6	92.2	98.6	98.3	104.9	105.7	112.2	112.2	117.9	116.7
92.5°	33.2	31.3	29.6	27.5	26.5	25.3	24.9	23.4	22.8	21.5	20.5
95°	41.1	37.8	34.6	31.3	30.3	29.1	28.0	26.9	25.7	24.7	23.6
97.5°	46.4	42.5	38.7	34.9	33.9	33.0	31.9	30.9	30.1	29.1	28.1
100°	61.9	54.8	47.8	40.6	39.8	39.0	38.1	37.3	36.5	35.6	34.7
102.5°	123.2	108.1	93.0	77.9	75.0	72.2	69.3	66.3	63.4	60.5	57.7
105°	227.7	203.1	178.8	154.3	146.6	138.8	131.0	123.2	115.3	107.6	99.8
107.5°	343.2	318.4	293.6	268.8	254.6	240.2	225.8	211.3	197.0	182.5	168.2
110°	409.0	391.0	373.1	354.9	343.6	332.0	320.4	308.8	297.4	285.7	274.2



TEST NUMBER: P1444618
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	422.1	409.3	396.5	383.5	378.5	373.3	368.3	363.0	357.8	352.4	347.2
115°	399.5	391.1	382.5	373.8	372.4	370.5	368.9	367.1	365.5	363.6	361.8
117.5°	362.4	357.7	353.1	348.5	349.0	349.5	350.3	350.6	351.0	351.2	351.6
120°	323.9	322.2	320.7	318.9	321.0	322.8	324.8	326.4	328.2	329.7	331.3
122.5°	293.7	293.3	293.1	292.5	295.1	297.4	299.6	301.9	303.8	305.6	307.6
125°	271.3	271.4	271.6	271.5	274.3	276.6	279.0	281.0	283.1	284.9	286.8
127.5°	257.9	258.5	259.2	259.5	261.8	263.3	265.3	266.8	268.6	269.7	271.1
130°	250.5	250.8	251.5	251.9	253.7	255.6	257.5	258.8	260.4	261.5	262.7
132.5°	247.6	247.9	248.5	248.8	250.6	252.1	253.5	254.5	255.8	256.5	257.2
135°	246.3	246.6	247.0	247.2	248.8	250.4	251.7	252.7	253.9	254.5	255.2
137.5°	246.0	246.2	246.7	246.8	248.3	249.6	250.9	251.9	252.8	253.6	254.2
140°	246.2	246.3	246.7	246.7	248.0	249.2	250.4	251.3	252.2	252.7	253.3
142.5°	246.6	246.3	246.6	246.3	247.3	248.2	249.1	249.9	250.6	251.1	251.4
145°	248.1	247.7	247.6	247.2	248.0	248.7	249.6	250.2	250.6	250.8	251.2
147.5°	250.1	249.5	249.0	248.6	249.5	249.9	250.4	250.7	251.3	251.4	251.6
150°	251.6	250.8	250.2	249.6	250.1	250.4	250.7	251.1	251.5	251.4	251.6
152.5°	252.3	251.7	251.0	250.2	250.6	250.7	250.9	250.8	251.0	251.0	251.0
155°	254.8	254.1	253.5	252.6	252.9	252.9	252.9	252.9	252.7	252.6	252.4
157.5°	258.5	257.7	257.5	256.7	256.7	256.6	256.5	256.0	255.9	255.6	255.1
160°	262.5	261.9	261.5	260.8	260.6	260.4	260.3	259.8	259.6	259.1	258.6
162.5°	266.6	266.0	265.3	264.7	264.5	264.4	264.1	263.6	263.4	263.0	262.5
165°	271.0	270.6	270.2	269.5	269.3	269.0	268.9	268.4	268.1	267.4	267.0
167.5°	275.3	274.9	274.5	273.9	273.8	273.7	273.5	273.1	272.8	272.3	272.1
170°	279.2	278.8	278.5	278.0	277.7	277.6	277.3	277.0	276.5	276.2	275.7
172.5°	281.9	281.6	281.1	280.5	280.5	280.3	280.0	279.9	279.5	279.2	279.1
175°	282.8	282.5	282.0	281.8	281.6	281.5	281.3	281.2	280.9	280.7	280.4
177.5°	284.2	284.1	283.6	283.5	283.4	283.4	283.2	283.1	283.1	282.9	282.8
180°	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1	284.1



TEST NUMBER: P1444618
CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	40202.2	40202.2
2.5°	40357.9	40355.8
5°	40507.9	40505.5
7.5°	40622.0	40621.3
10°	40635.5	40642.5
12.5°	40554.4	40560.0
15°	40317.6	40328.7
17.5°	39865.0	39879.4
20°	39085.2	39100.3
22.5°	37822.3	37828.5
25°	35986.3	35960.1
27.5°	33483.1	33438.3
30°	30301.1	30257.7
32.5°	26507.3	26480.2
35°	22236.6	22219.5
37.5°	17740.4	17705.6
40°	13375.5	13273.9
42.5°	9547.1	9368.8
45°	6597.9	6386.5
47.5°	4606.0	4475.4
50°	3491.2	3449.1
52.5°	2844.8	2835.0
55°	2400.3	2396.0
57.5°	2066.2	2064.7
60°	1803.9	1803.5
62.5°	1608.3	1609.0
65°	1470.5	1470.8
67.5°	1349.2	1348.3
70°	1208.9	1207.9
72.5°	1112.4	1110.8
75°	1037.9	1036.9
77.5°	931.8	930.2
80°	803.4	801.2
82.5°	660.8	658.4
85°	492.9	493.0
87.5°	301.6	301.5
90°	122.1	120.1
92.5°	19.9	19.3
95°	22.5	21.4
97.5°	27.2	26.2
100°	33.9	33.1
102.5°	54.8	52.0
105°	92.0	84.3
107.5°	153.7	139.4
110°	262.6	251.0



TEST NUMBER: P1444618
CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	341.9	336.6
115°	359.4	357.5
117.5°	351.7	351.7
120°	332.5	334.0
122.5°	308.9	310.6
125°	288.3	289.9
127.5°	272.0	272.9
130°	263.1	263.9
132.5°	257.6	257.8
135°	255.4	255.7
137.5°	254.2	254.4
140°	253.3	253.4
142.5°	251.5	251.5
145°	251.3	251.2
147.5°	251.1	251.2
150°	251.3	251.2
152.5°	250.5	250.4
155°	252.1	251.7
157.5°	254.4	254.1
160°	258.0	257.7
162.5°	261.9	261.5
165°	266.2	265.6
167.5°	271.3	271.1
170°	275.3	275.0
172.5°	278.6	278.3
175°	280.3	280.1
177.5°	282.8	282.5
180°	284.1	284.1

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-4

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L850-N

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

Test Information

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

Spectral Parameters

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

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



Test Conditions

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

REPORT NUMBER: SP1-2506-472-4

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

REPORT NUMBER: SP1-2506-472-4

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 5000K 4-step quadrangle

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

REPORT NUMBER: SP1-2506-472-4

Photopic Flux vs. Wavelength



Photopic Lumens: NR

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

REPORT NUMBER: SP1-2506-472-4

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.82

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

REPORT NUMBER: SP1-2506-472-4

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.71

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

Summary

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

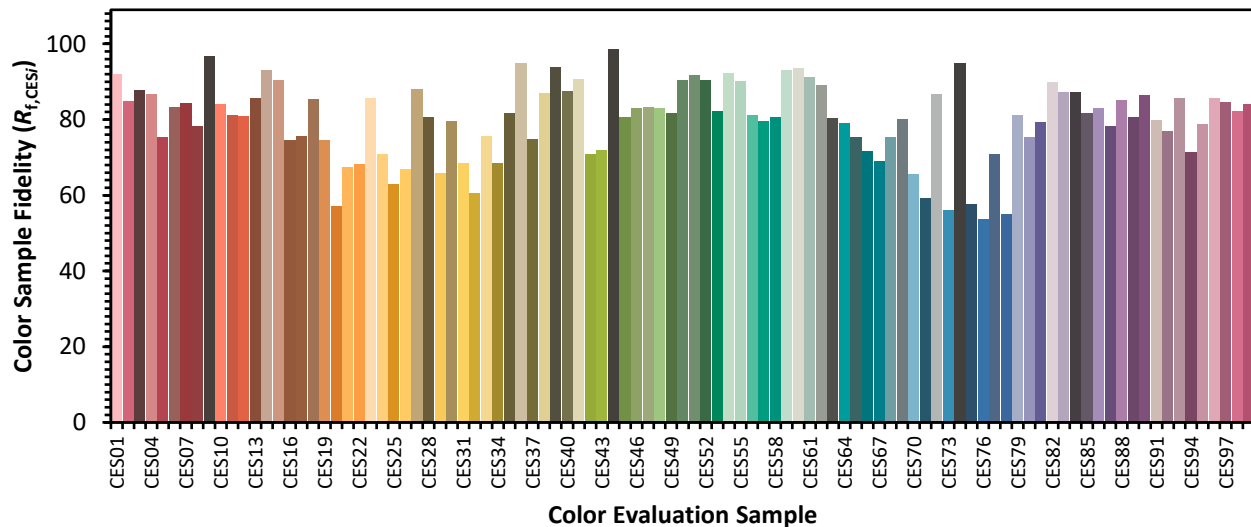


Color Vector Graphics

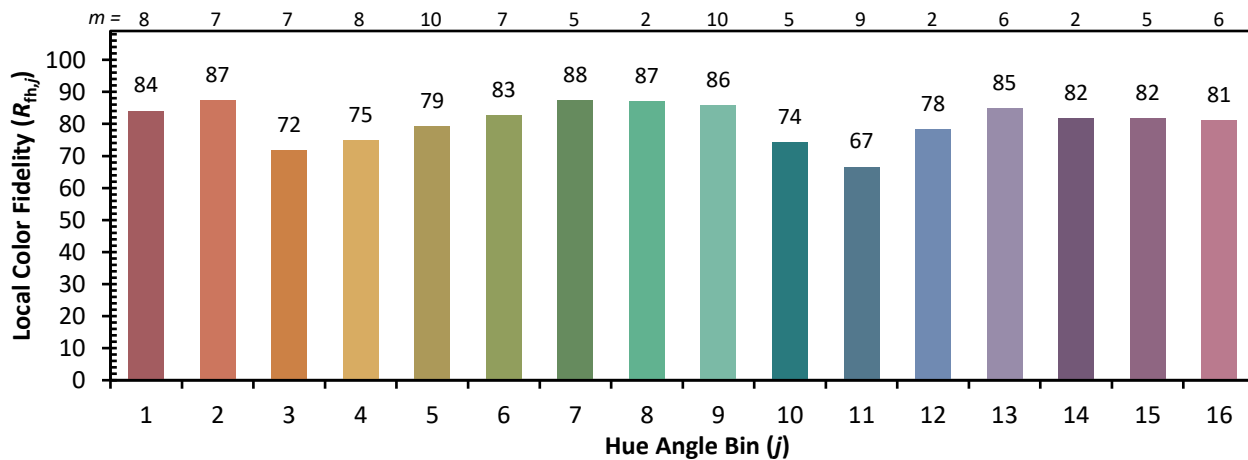
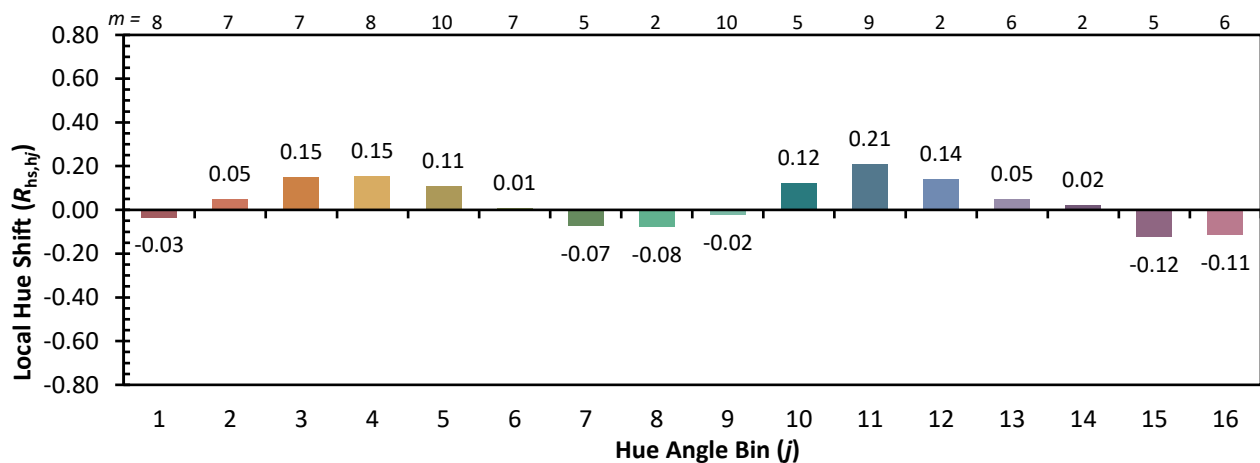
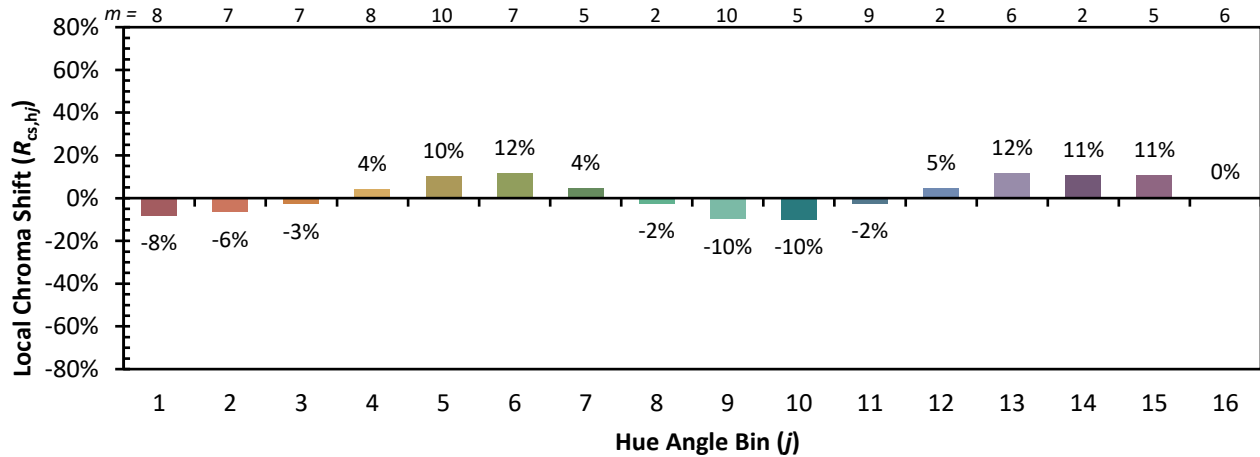


Individual Sample Fidelity Index ($R_{f,i}$)

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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)