

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: P1444547

Luminaire Tested: EHBR1-48-UNV-TA-L835-UPL15

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444547
REPORT IS A COMBINATION OF REPORTS P1444315 AND P1431635
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-48-UNV-TA-L835-UPL15
Description: Elevate Round Highbay at, 48000 lumens, 3500K 80CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

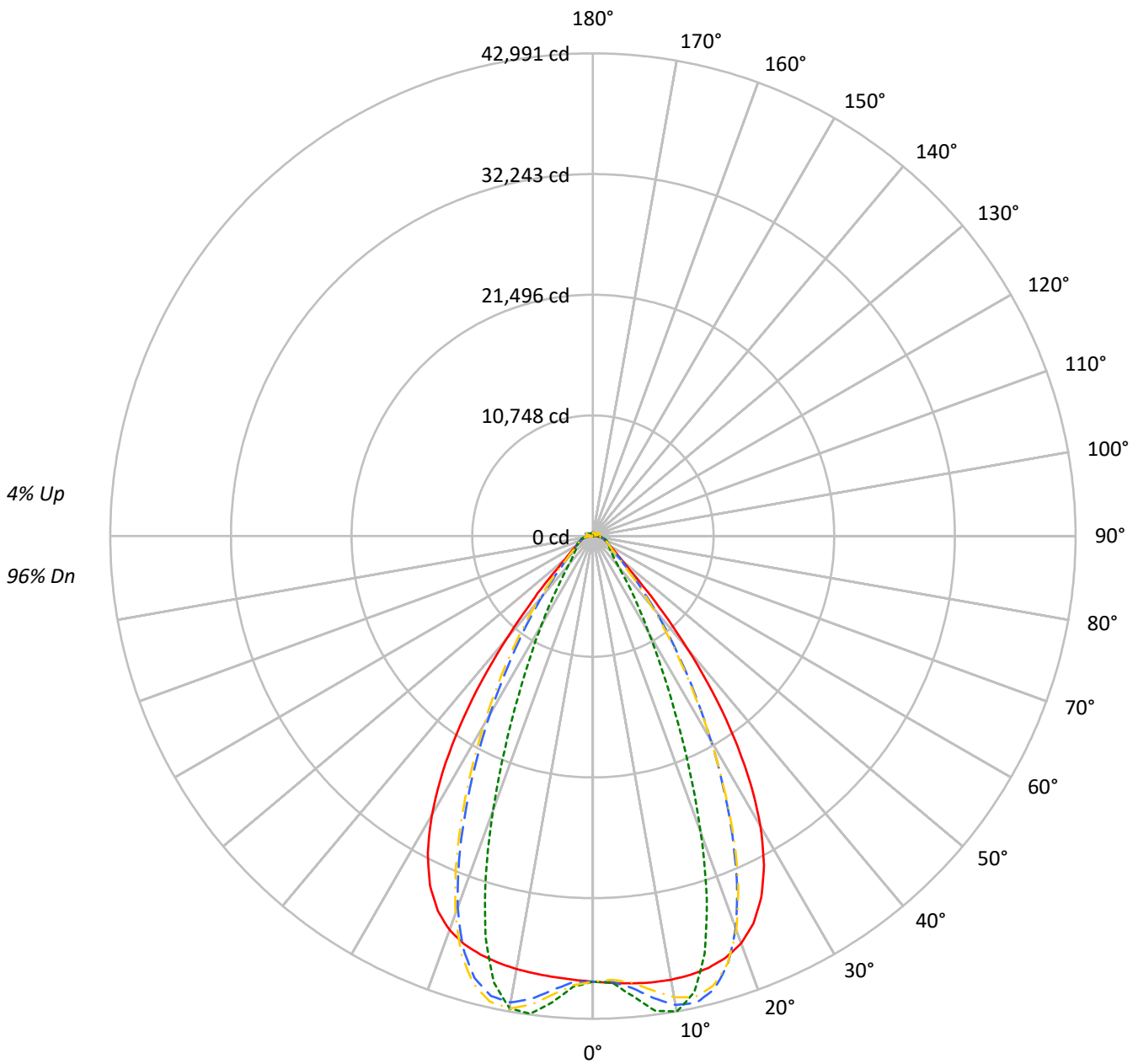
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 47387.3 lumens
Efficiency: N/A
Efficacy: 176.9 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 0.77 / 0.88
Luminous Opening: Vertical Cylinder (Dia: 1.71' x H: 0.1')
CIE Type: Direct

Input Watts (W): 267.9
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
RCR																				
0	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	99	96	
1	111	108	105	102	108	105	102	100	100	98	96	96	94	93	92	91	89	89	87	
2	104	98	94	89	102	96	92	88	92	89	86	89	86	83	85	83	81	81	79	
3	98	90	85	80	96	89	83	79	85	81	77	82	79	75	80	77	74	74	72	
4	92	83	77	72	90	82	76	71	79	74	70	77	72	69	74	71	68	68	66	
5	87	77	71	66	85	76	70	65	74	68	64	72	67	63	70	66	62	62	61	
6	82	72	65	60	80	71	65	60	69	63	59	67	62	59	65	61	58	58	56	
7	78	67	60	56	76	66	60	55	65	59	55	63	58	54	62	57	54	54	52	
8	73	63	56	52	72	62	56	51	61	55	51	59	54	51	58	53	50	50	49	
9	70	59	52	48	68	58	52	48	57	51	48	56	51	47	55	50	47	47	45	
10	66	56	49	45	65	55	49	45	54	48	45	53	48	44	52	47	44	44	42	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	186360	186360	186360	186360
5°	187263	192723	184642	195247
10°	188826	202345	184298	201006
15°	189752	183424	183976	176039
20°	187790	136644	181644	126429
25°	177751	86420	171877	78410
30°	155279	51932	149264	47461
35°	119504	32587	112629	28866
40°	75597	20441	69165	19208
45°	38964	15925	38319	15663
50°	22844	14165	22144	13944
55°	17501	13402	16854	13281
60°	14808	13690	14178	13512
65°	13909	14296	13376	13809
70°	13588	14970	12911	14407
75°	14529	15876	13744	15174
80°	15034	17579	13631	16047
85°	14161	16963	11443	14524

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 59629 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3911.0	8.3
10°-20°	11001.9	23.2
20°-30°	12530.3	26.4
30°-40°	9006.2	19.0
40°-50°	4153.7	8.8
50°-60°	1987.7	4.2
60°-70°	1450.3	3.1
70°-80°	1101.8	2.3
80°-90°	503.7	1.1
90°-100°	54.2	0.1
100°-110°	263.2	0.6
110°-120°	485.3	1.0
120°-130°	309.6	0.7
130°-140°	215.5	0.5
140°-150°	172.9	0.4
150°-160°	129.0	0.3
160°-170°	82.0	0.2
170°-180°	28.9	0.1
0°-30°	27443.2	57.9
0°-40°	36449.5	76.9
0°-60°	42590.9	89.9
0°-90°	45646.7	96.3
90°-120°	802.8	1.7
90°-150°	1500.7	3.2
90°-180°	1741.0	3.7
0°-180°	47387.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	39684	39684	39684	39684	39684	
5°	39984	41149	39424	41688	39984	3821
15°	39809	38481	38597	36932	39809	11216
25°	35497	17258	34324	15658	35497	16091
35°	21933	5981	20672	5298	21933	13461
45°	6304	2577	6200	2534	6304	5362
55°	2365	1811	2278	1795	2365	2183
65°	1452	1492	1396	1441	1452	1450
75°	1024	1118	968	1069	1024	1064
85°	487	583	393	499	487	457
90°	120	156	27	35	120	77
95°	24	27	24	27	24	23
105°	100	124	69	125	100	130
115°	428	508	449	509	428	397
125°	340	339	383	340	340	310
135°	292	243	312	247	292	227
145°	281	257	296	263	281	177
155°	277	270	292	275	277	129
165°	289	284	298	287	289	82
175°	303	304	308	306	303	29
180°	307	307	307	307	307	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39835.8	39832.5	39831.9	39829.2	39828.4	39828.4	39827.1	39823.9	39821.8	39817.3	39812.1
5°	39983.6	39981.8	39982.9	39983.2	39980.4	39974.1	39964.5	39952.5	39937.5	39923.4	39910.7
7.5°	40097.9	40100.7	40104.2	40103.4	40094.8	40080.2	40060.3	40049.2	40055.8	40077.4	40126.9
10°	40118.7	40135.8	40142.4	40140.3	40123.0	40110.5	40115.3	40157.4	40241.1	40352.7	40505.4
12.5°	40037.4	40058.3	40057.5	40050.6	40033.9	40050.9	40111.8	40237.0	40416.4	40636.6	40894.8
15°	39809.0	39836.1	39828.4	39819.4	39808.2	39864.3	39985.9	40203.3	40480.4	40790.9	41108.7
17.5°	39365.5	39398.2	39382.3	39372.2	39362.8	39467.8	39676.8	39995.0	40344.1	40695.3	40996.5
20°	38596.4	38618.3	38580.5	38562.7	38577.7	38783.5	39091.3	39497.8	39865.6	40197.7	40403.6
22.5°	37341.0	37368.3	37297.2	37289.0	37376.7	37692.7	38082.2	38536.7	38882.3	39145.5	39224.8
25°	35496.7	35523.6	35439.1	35489.6	35638.7	36069.2	36533.1	37019.1	37314.0	37509.1	37455.2
27.5°	33007.4	33031.9	32951.8	33054.7	33290.6	33856.1	34402.1	34929.4	35192.2	35328.8	35155.7
30°	29867.8	29918.5	29824.0	29967.7	30327.6	31061.9	31687.4	32278.7	32540.7	32644.7	32375.2
32.5°	26138.9	26211.1	26106.8	26320.6	26822.8	27705.0	28415.5	29076.1	29366.0	29484.7	29180.4
35°	21933.2	22036.7	21917.1	22238.0	22857.3	23839.7	24626.5	25364.1	25707.3	25875.7	25569.0
37.5°	17477.4	17576.1	17511.3	17939.5	18619.6	19637.8	20441.0	21236.6	21624.3	21876.9	21635.0
40°	13102.9	13193.1	13242.1	13731.8	14371.3	15331.1	16102.4	16889.7	17323.4	17640.4	17491.3
42.5°	9248.0	9339.1	9505.6	9978.0	10511.4	11305.8	11966.6	12673.4	13087.6	13425.8	13368.3
45°	6304.2	6410.0	6618.4	7005.3	7391.0	7961.0	8446.2	8995.9	9334.3	9644.1	9647.7
47.5°	4417.7	4492.0	4678.3	4942.4	5194.0	5907.4	5936.7	6206.8	6434.3	6665.8	6695.8
50°	3404.6	3449.3	3548.1	3695.4	3837.9	4023.1	4192.6	4388.4	4528.4	4655.3	4685.6
52.5°	2798.4	2826.7	2877.1	2956.8	3039.5	3140.2	3231.0	3338.4	3414.6	3482.6	3496.8
55°	2365.1	2388.7	2463.5	2478.6	2573.2	2591.4	2631.7	2697.2	2741.5	2782.2	2792.3
57.5°	2038.1	2055.2	2071.1	2105.0	2134.2	2176.5	2210.6	2257.6	2285.5	2315.0	2317.5
60°	1780.2	1792.5	1803.9	1827.4	1847.2	1876.7	1900.2	1932.1	1952.1	1974.1	1976.7
62.5°	1588.2	1597.1	1604.6	1620.1	1634.3	1657.0	1675.6	1702.3	1720.9	1737.9	1741.8
65°	1451.8	1458.2	1463.1	1474.9	1487.2	1506.5	1523.4	1545.2	1558.9	1571.9	1574.8
67.5°	1330.9	1337.0	1342.1	1352.8	1361.3	1375.7	1387.0	1403.4	1413.7	1424.1	1424.4
70°	1192.3	1198.1	1201.8	1211.9	1218.8	1231.1	1240.2	1255.0	1265.5	1277.2	1280.1
72.5°	1096.4	1099.8	1105.0	1114.1	1123.7	1136.9	1149.1	1164.4	1177.2	1189.2	1194.4
75°	1023.5	1027.5	1030.8	1038.7	1045.3	1056.4	1065.5	1079.5	1090.7	1103.6	1109.9
77.5°	918.2	922.8	925.7	933.5	939.2	949.9	956.7	969.2	978.3	990.1	995.8
80°	790.9	795.2	797.3	804.7	809.2	819.0	825.6	837.8	845.4	857.1	864.0
82.5°	649.9	654.0	655.2	662.2	664.7	672.7	677.6	689.9	699.3	714.6	725.2
85°	486.7	488.1	490.5	488.7	498.6	499.2	510.3	512.4	527.1	531.0	547.7
87.5°	297.6	301.9	304.2	311.0	313.9	320.7	322.7	329.9	333.8	342.1	346.0
90°	120.5	126.9	128.9	136.5	138.3	145.0	146.4	154.0	155.9	163.8	166.3
92.5°	21.8	23.0	24.0	25.6	26.8	28.8	30.4	31.9	33.2	35.1	37.6
95°	24.4	25.8	27.1	28.4	29.8	31.1	32.5	33.7	35.1	36.5	40.1
97.5°	30.1	31.2	32.4	33.5	34.7	35.9	37.0	38.2	39.4	40.3	45.0
100°	38.3	39.3	40.2	41.2	42.2	43.2	44.2	45.2	46.2	47.1	55.7
102.5°	60.8	64.3	67.8	71.2	74.7	78.1	81.6	84.9	88.4	91.9	110.0
105°	99.6	108.8	118.5	127.7	137.1	146.6	156.0	165.1	174.6	183.9	213.7
107.5°	166.0	183.4	200.8	218.3	235.7	253.0	270.4	287.8	305.0	322.2	352.4
110°	300.8	314.5	328.6	342.5	356.3	370.5	384.5	398.0	412.1	425.9	447.9



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	403.9	410.1	416.3	422.6	428.8	434.9	441.1	447.2	453.5	459.4	474.9
115°	428.4	430.4	432.6	434.4	436.6	438.5	440.5	442.3	444.4	446.1	456.6
117.5°	420.0	419.4	418.7	418.2	417.3	416.6	415.9	415.1	414.2	413.3	419.1
120°	397.1	394.7	392.6	390.1	387.9	385.3	383.1	380.7	378.1	375.4	377.8
122.5°	367.3	364.6	362.2	359.1	356.4	353.4	350.7	347.3	344.6	341.6	342.0
125°	340.5	337.7	335.3	332.3	329.2	326.2	323.2	320.1	317.1	313.7	313.6
127.5°	318.1	316.1	314.1	311.6	309.3	306.9	304.5	301.7	299.5	296.6	296.2
130°	305.6	303.8	301.7	299.5	297.4	295.0	292.5	290.0	287.7	285.0	284.4
132.5°	296.4	295.1	293.5	291.7	289.8	287.6	285.7	283.2	281.3	279.3	278.6
135°	292.0	290.5	289.1	287.4	285.7	283.4	281.4	279.3	277.2	274.9	274.5
137.5°	288.8	287.5	286.1	284.4	282.6	280.4	278.6	276.4	274.4	272.2	271.7
140°	286.1	284.9	283.5	281.7	280.2	278.3	276.3	274.3	272.4	270.1	269.8
142.5°	282.2	280.9	279.8	278.3	276.9	275.1	273.4	271.4	269.7	267.8	267.7
145°	280.6	279.5	278.6	277.3	275.9	274.1	272.6	270.8	269.4	267.5	267.4
147.5°	279.3	278.4	277.6	276.4	275.3	273.7	272.4	270.7	269.4	267.8	267.9
150°	278.3	277.5	276.7	275.7	274.4	273.1	271.8	270.4	269.0	267.5	267.5
152.5°	276.4	275.6	274.9	273.8	272.8	271.3	270.4	268.9	267.6	266.3	266.3
155°	277.0	276.1	275.2	274.3	273.1	272.1	270.8	269.7	268.5	267.1	267.0
157.5°	278.8	277.8	277.1	276.0	275.3	274.2	273.2	272.2	271.2	270.1	269.8
160°	281.9	281.0	280.2	279.3	278.3	277.1	276.2	275.2	274.5	273.3	273.2
162.5°	285.2	284.2	283.3	282.4	281.6	280.5	279.7	278.9	278.0	276.9	276.7
165°	288.9	288.4	287.7	286.9	286.1	285.5	284.7	283.8	283.1	282.2	282.1
167.5°	294.4	293.6	293.0	292.2	291.4	290.8	289.9	289.1	288.6	287.6	287.5
170°	298.1	297.3	296.9	296.4	295.8	295.2	294.8	294.2	293.6	293.0	293.0
172.5°	301.3	300.7	300.4	300.1	299.5	299.2	298.7	298.4	298.1	297.5	297.7
175°	303.0	302.5	302.4	302.1	301.8	301.6	301.4	301.1	301.1	300.7	300.7
177.5°	305.4	305.2	305.2	305.1	305.1	304.9	304.8	304.6	304.4	304.4	304.5
180°	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2



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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°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39808.2	39803.4	39796.8	39788.4	39781.2	39772.9	39753.0	39747.1	39753.7	39758.1	39767.2
5°	39902.8	39905.6	39906.7	39924.7	39940.3	39979.3	40284.6	40405.9	40499.8	40559.4	40649.8
7.5°	40188.0	40279.8	40370.5	40492.6	40597.9	40740.1	41274.3	41501.7	41663.3	41779.5	41922.4
10°	40671.3	40871.6	41059.4	41279.4	41468.6	41685.2	42182.5	42404.0	42543.8	42645.6	42740.7
12.5°	41158.1	41435.9	41687.0	41931.9	42136.6	42324.4	42499.2	42576.8	42583.4	42586.6	42536.2
15°	41411.7	41677.3	41898.5	42060.4	42180.7	42233.9	41932.9	41774.9	41575.4	41410.9	41140.4
17.5°	41251.6	41410.9	41506.5	41497.1	41447.4	41280.9	40428.2	39959.1	39493.5	39074.0	38523.7
20°	40540.2	40528.0	40444.9	40209.5	39925.8	39484.6	38022.6	37179.1	36363.7	35647.4	34778.4
22.5°	39216.7	39008.5	38718.1	38210.4	37646.4	36875.6	34780.6	33539.8	32404.5	31401.6	30278.1
25°	37299.1	36870.6	36335.1	35529.1	34652.6	33528.3	30946.2	29402.9	28039.9	26857.6	25561.3
27.5°	34844.8	34199.5	33414.7	32299.1	31111.6	29671.3	26808.5	25105.4	23642.2	22374.7	20995.0
30°	31939.2	31099.9	30086.5	28701.9	27269.6	25636.1	22732.6	21007.5	19526.4	18222.5	16841.7
32.5°	28655.7	27672.6	26485.1	24931.2	23382.1	21702.5	18898.5	17228.7	15813.8	14559.4	13309.8
35°	25034.0	23979.9	22723.5	21138.5	19598.8	17965.8	15392.9	13887.3	12637.9	11529.2	10520.1
37.5°	21149.3	20114.2	18920.1	17426.2	15998.4	14518.7	12298.7	11037.0	9988.5	9068.3	8289.1
40°	17110.1	16204.3	15171.2	13879.7	12661.2	11428.8	9606.4	8605.0	7777.6	7075.7	6491.9
42.5°	13120.5	12418.5	11626.2	10605.7	9673.2	8734.9	7332.3	6590.2	5977.4	5472.1	5059.4
45°	9519.3	9049.8	8518.4	7808.9	7163.7	6509.2	5510.8	4989.5	4590.4	4264.6	3989.1
47.5°	6654.5	6382.1	6365.6	5709.9	5236.7	4836.6	4193.4	3864.0	3619.5	3422.1	3247.6
50°	4673.3	4541.5	4377.8	4143.8	3924.2	3698.0	3306.2	3107.1	2963.8	2844.3	2733.9
52.5°	3493.6	3425.2	3338.0	3213.9	3094.8	2967.6	2719.7	2593.0	2547.9	2436.6	2349.2
55°	2790.5	2751.2	2701.6	2628.6	2556.3	2527.3	2314.8	2220.6	2161.1	2117.2	2070.2
57.5°	2317.9	2288.6	2259.2	2209.8	2167.9	2117.2	2004.3	1956.1	1920.6	1894.7	1862.3
60°	1977.2	1959.6	1943.1	1914.1	1891.5	1864.2	1792.5	1765.3	1746.8	1731.3	1710.5
62.5°	1745.0	1736.1	1727.6	1712.1	1700.6	1685.8	1636.8	1623.7	1614.4	1606.7	1594.0
65°	1577.5	1571.1	1566.3	1556.0	1550.3	1541.6	1499.6	1490.8	1485.0	1482.3	1474.9
67.5°	1425.3	1418.6	1415.5	1408.1	1405.8	1400.3	1365.9	1361.1	1359.1	1360.0	1357.4
70°	1282.9	1280.1	1281.6	1280.4	1283.7	1284.6	1263.8	1263.7	1265.8	1270.3	1270.7
72.5°	1197.6	1197.6	1199.2	1200.0	1203.1	1204.6	1187.2	1186.3	1187.3	1190.6	1190.7
75°	1116.4	1117.8	1122.1	1123.7	1127.3	1128.1	1105.1	1102.5	1102.7	1105.7	1104.7
77.5°	1004.0	1008.9	1017.3	1021.7	1028.8	1030.1	1004.3	1001.3	1001.4	1004.5	1001.9
80°	876.5	885.8	899.2	908.4	919.4	923.8	897.3	891.0	885.1	884.2	879.0
82.5°	741.1	752.4	768.4	776.9	788.5	791.1	746.8	738.5	733.4	733.9	729.1
85°	565.8	574.3	588.9	593.6	600.8	600.2	549.6	528.0	533.8	524.8	531.8
87.5°	354.9	359.9	369.0	370.2	373.6	372.8	321.9	311.9	309.0	309.1	305.4
90°	174.4	177.6	185.5	185.5	190.6	189.8	148.4	143.6	140.1	142.1	137.2
92.5°	40.5	42.8	45.5	48.0	50.7	53.2	51.2	52.4	50.2	47.5	45.6
95°	44.1	48.0	52.0	55.9	59.8	63.7	67.7	71.6	67.9	64.2	60.5
97.5°	49.6	54.2	58.8	63.4	68.1	72.6	77.3	81.9	78.1	73.8	69.9
100°	64.3	72.9	81.4	90.1	98.6	107.2	115.9	124.5	116.9	109.1	101.5
102.5°	128.1	146.5	164.7	182.9	201.1	219.5	237.9	256.3	238.8	221.2	203.6
105°	243.3	272.9	302.4	331.8	361.4	391.0	421.0	450.6	422.7	394.7	366.8
107.5°	382.3	412.4	442.1	472.0	502.1	531.9	562.7	592.6	565.3	537.8	510.5
110°	469.7	491.2	513.0	534.7	556.4	578.1	600.8	622.6	606.1	589.5	572.9



TEST NUMBER: P1444547
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	490.2	505.8	521.3	536.4	551.7	567.1	583.9	599.5	590.9	582.3	573.9
115°	466.6	477.2	487.1	497.3	507.5	517.7	529.4	540.1	536.9	533.8	530.8
117.5°	424.5	429.8	435.5	440.9	446.2	451.6	459.2	464.9	464.7	464.7	464.6
120°	379.6	381.6	383.6	385.5	387.4	389.1	393.6	396.0	397.6	399.1	400.6
122.5°	342.4	342.8	343.0	343.2	343.5	343.7	346.9	347.9	348.6	349.4	350.2
125°	313.4	313.2	312.9	312.7	312.1	312.0	315.1	315.3	314.7	314.0	313.4
127.5°	295.4	294.9	294.2	293.5	292.5	292.0	294.8	294.8	293.0	291.4	289.5
130°	283.9	283.2	282.6	282.1	281.6	280.9	284.1	284.4	282.0	279.3	276.8
132.5°	278.0	277.5	276.7	276.4	275.9	275.2	278.8	279.2	276.5	273.6	270.9
135°	273.8	273.5	272.9	272.4	271.9	271.7	275.6	276.1	273.5	270.7	268.1
137.5°	270.9	270.6	270.1	269.8	269.3	269.0	273.4	274.1	272.0	269.5	267.3
140°	269.4	269.1	268.7	268.6	268.1	268.2	272.9	273.8	272.1	270.0	268.1
142.5°	267.2	267.3	267.2	267.4	267.2	267.4	272.9	274.1	272.8	271.0	269.7
145°	267.2	267.5	267.5	267.7	267.8	268.3	274.4	276.1	275.0	273.8	272.6
147.5°	267.4	267.6	267.7	267.9	268.0	268.7	275.4	277.0	276.3	275.3	274.5
150°	267.4	267.6	267.6	268.0	268.5	269.0	276.6	278.7	278.0	277.3	276.5
152.5°	266.2	266.3	266.4	266.6	266.9	267.4	276.9	279.3	278.9	278.0	277.5
155°	266.9	266.9	266.8	267.0	267.0	267.6	278.1	280.7	280.2	279.7	279.2
157.5°	269.7	269.4	269.2	269.2	269.3	269.3	280.5	283.4	282.8	282.5	282.0
160°	272.8	272.7	272.3	272.3	272.0	272.0	283.6	286.4	286.1	285.6	285.1
162.5°	276.5	276.7	276.3	276.3	276.1	276.3	288.0	291.1	290.4	289.9	289.3
165°	281.8	281.5	281.3	281.2	281.0	281.0	292.0	294.7	294.4	293.8	293.3
167.5°	287.2	287.2	286.8	286.9	286.7	286.9	297.1	299.7	299.4	298.7	298.4
170°	292.7	292.8	292.6	292.6	292.7	292.9	301.5	303.6	303.4	302.7	302.3
172.5°	297.6	297.8	297.9	297.9	298.0	298.3	305.4	307.5	307.2	306.8	306.2
175°	300.8	300.7	300.9	301.2	301.3	301.4	307.1	308.5	308.3	308.0	307.8
177.5°	304.7	304.7	304.8	304.9	305.1	305.3	308.7	309.7	309.5	309.5	309.4
180°	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2



TEST NUMBER: P1444547
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39769.3	39783.2	39785.3	39801.7	39800.3	39819.7	39816.7	39832.5	39823.3	39836.4	39825.3
5°	40703.3	40788.0	40832.4	40915.0	40941.1	41015.1	41036.1	41103.6	41106.4	41159.9	41147.7
7.5°	42023.9	42148.8	42222.9	42325.1	42376.9	42462.1	42499.5	42562.5	42582.8	42632.8	42636.6
10°	42812.5	42873.1	42915.5	42944.0	42970.1	42982.3	42996.5	42992.7	42996.5	42990.9	43003.1
12.5°	42502.3	42413.8	42355.2	42244.4	42180.1	42057.6	41997.5	41879.6	41836.9	41735.7	41721.1
15°	40931.5	40622.9	40404.9	40087.9	39888.5	39576.6	39394.1	39112.7	38984.2	38760.5	38701.8
17.5°	38068.3	37495.5	37052.2	36483.6	36089.1	35557.6	35223.5	34783.6	34542.7	34187.9	34065.2
20°	34054.1	33206.7	32541.8	31749.7	31183.0	30476.7	30024.6	29454.3	29123.3	28687.7	28511.0
22.5°	29341.4	28286.3	27456.0	26520.3	25836.4	25049.4	24507.7	23890.8	23530.6	23057.3	22847.6
25°	24484.0	23320.5	22397.4	21411.4	20688.9	19900.0	19358.2	18752.1	18379.4	17930.1	17721.8
27.5°	19838.4	18660.6	17768.5	16851.9	16189.1	15477.2	14988.3	14459.2	14128.3	13744.9	13548.9
30°	15738.7	14699.9	13940.7	13180.0	12628.6	12050.5	11644.3	11205.7	10915.5	10587.1	10400.5
32.5°	12398.6	11596.7	11002.2	10398.6	9947.3	9464.2	9113.2	8726.2	8464.3	8171.0	8002.0
35°	9819.5	9196.4	8722.2	8225.4	7837.7	7426.2	7116.9	6782.9	6547.8	6295.4	6149.4
37.5°	7758.4	7262.9	6872.8	6460.1	6141.7	5800.8	5685.9	5302.6	5059.1	4857.6	4718.0
40°	6088.8	5694.9	5372.0	5056.4	4796.7	4538.1	4330.6	4125.8	3968.7	3824.5	3724.8
42.5°	4754.9	4469.5	4233.7	4002.5	3813.0	3624.6	3474.3	3333.3	3227.4	3133.1	3068.8
45°	3780.0	3583.6	3419.8	3257.0	3123.2	2997.5	2896.4	2806.3	2737.9	2681.3	2641.1
47.5°	3105.3	2970.9	2855.3	2745.5	2654.7	2572.3	2504.5	2482.4	2408.9	2359.4	2340.6
50°	2639.1	2558.0	2470.1	2389.0	2328.4	2268.1	2224.2	2181.1	2153.6	2130.8	2123.9
52.5°	2291.1	2229.1	2180.2	2128.9	2088.9	2046.0	2015.6	1986.9	1971.8	1959.9	1958.4
55°	2032.4	1989.0	1956.7	1922.3	1898.3	1873.1	1857.4	1842.3	1835.6	1829.6	1830.1
57.5°	1836.7	1807.7	1786.6	1764.3	1751.3	1739.3	1735.3	1731.5	1733.6	1734.5	1737.9
60°	1694.0	1675.2	1661.9	1649.1	1643.7	1639.9	1642.8	1646.2	1653.1	1658.7	1663.7
62.5°	1584.7	1574.0	1567.5	1560.6	1560.0	1560.3	1566.2	1571.9	1580.6	1587.1	1591.9
65°	1472.2	1466.1	1463.9	1459.6	1461.8	1463.1	1470.1	1474.6	1483.2	1488.4	1494.6
67.5°	1358.5	1357.1	1358.3	1358.3	1362.3	1365.7	1372.5	1377.5	1384.8	1389.6	1394.6
70°	1274.6	1275.1	1278.3	1278.8	1283.1	1285.4	1291.3	1294.5	1301.1	1305.1	1311.1
72.5°	1192.9	1191.6	1192.3	1190.4	1191.9	1191.3	1194.6	1196.1	1201.7	1204.9	1212.2
75°	1105.9	1102.4	1101.4	1097.5	1097.6	1094.8	1096.2	1096.0	1099.6	1101.1	1106.4
77.5°	1000.9	994.8	991.8	985.2	985.1	982.6	985.2	986.9	993.4	996.4	1002.5
80°	875.4	865.7	861.3	853.7	854.9	854.5	860.9	865.9	873.7	875.3	882.8
82.5°	727.6	717.7	713.1	705.5	707.2	707.4	713.3	714.3	721.2	724.2	733.0
85°	521.0	524.8	514.3	515.1	512.8	517.0	521.0	525.9	531.6	541.2	548.6
87.5°	306.8	305.4	309.1	309.6	314.9	317.6	326.2	331.0	340.6	348.1	361.7
90°	137.5	132.6	135.6	134.0	139.1	137.7	142.4	140.1	145.7	146.3	153.7
92.5°	42.5	40.5	37.5	35.3	32.6	30.6	28.9	28.2	26.6	26.0	24.3
95°	56.8	53.2	49.5	45.9	42.3	38.6	37.2	35.9	34.6	33.3	31.9
97.5°	65.9	62.1	58.1	54.0	50.0	46.2	45.3	44.4	43.4	42.6	41.7
100°	93.8	86.1	78.5	70.9	63.3	55.8	55.1	54.3	53.6	52.9	52.2
102.5°	186.3	168.6	151.3	133.8	116.5	98.9	95.9	92.9	89.8	86.8	83.8
105°	338.8	310.8	282.9	254.9	227.2	199.3	191.0	182.4	174.1	165.8	157.6
107.5°	483.2	455.8	428.7	401.3	374.2	346.9	333.7	320.7	307.3	294.2	281.1
110°	556.1	539.6	523.3	506.5	490.2	473.9	461.1	448.6	435.8	423.3	410.8



TEST NUMBER: P1444547
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	565.3	556.9	548.2	539.9	531.6	523.1	517.0	510.7	504.6	498.3	492.0
115°	527.6	524.7	521.7	518.7	515.9	512.9	512.3	511.8	511.0	510.4	510.0
117.5°	464.4	464.5	464.4	464.4	464.5	464.6	467.6	470.5	473.6	476.8	480.0
120°	402.2	403.8	405.3	406.9	408.6	410.4	414.2	418.4	422.3	426.6	430.9
122.5°	350.9	351.8	352.4	353.4	354.3	355.3	358.9	362.8	366.7	370.8	375.0
125°	312.4	311.6	311.0	310.1	309.3	308.9	311.6	314.6	317.7	321.1	324.2
127.5°	287.7	285.7	283.8	282.1	280.1	278.5	279.7	281.3	282.5	284.3	285.9
130°	274.1	271.6	268.7	266.3	263.3	260.9	260.9	261.1	261.2	261.5	261.8
132.5°	267.9	265.1	262.1	259.1	256.2	253.3	252.3	251.4	250.5	250.1	249.4
135°	265.2	262.7	259.6	256.8	253.8	251.1	249.8	248.3	247.1	245.9	244.9
137.5°	265.0	262.6	260.1	257.9	255.2	253.0	251.1	249.8	248.1	247.1	245.6
140°	266.1	264.1	261.9	260.0	257.7	255.9	254.2	253.1	251.6	250.5	249.3
142.5°	267.7	266.3	264.5	263.0	261.2	259.7	258.2	256.9	255.6	254.5	253.4
145°	271.3	270.2	268.9	267.6	266.4	265.2	263.7	262.8	261.6	260.6	259.9
147.5°	273.5	272.7	271.7	270.6	269.6	268.6	267.5	266.9	265.8	265.2	264.3
150°	275.6	274.8	273.8	273.1	272.0	271.2	270.4	269.7	269.0	268.6	267.7
152.5°	276.4	275.9	275.1	274.4	273.4	272.6	271.9	271.4	270.8	270.3	269.5
155°	278.5	277.9	277.1	276.5	275.7	275.2	274.5	273.7	273.1	272.6	271.9
157.5°	281.4	280.8	280.0	279.6	278.8	278.2	277.6	277.0	276.2	275.8	275.1
160°	284.5	284.1	283.3	282.7	282.2	281.6	280.7	280.2	279.3	278.9	278.1
162.5°	288.7	288.1	287.5	286.8	286.0	285.5	284.8	284.2	283.5	282.9	282.3
165°	292.7	292.1	291.6	291.0	290.5	289.9	289.1	288.6	287.8	287.2	286.4
167.5°	297.9	297.5	296.9	296.4	295.7	295.2	294.6	293.9	293.2	292.5	291.8
170°	301.8	301.3	300.9	300.2	299.7	299.0	298.4	297.8	297.1	296.7	295.9
172.5°	305.8	305.7	305.1	304.8	304.1	303.7	303.3	302.8	302.2	301.7	301.5
175°	307.7	307.5	307.4	306.9	306.8	306.5	306.2	306.0	305.7	305.6	305.1
177.5°	309.4	309.2	309.2	308.9	308.8	308.8	308.5	308.4	308.2	308.0	307.9
180°	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2



TEST NUMBER: P1444547
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39836.8	39826.7	39831.5	39812.8	39817.3	39794.8	39792.6	39767.2	39764.7	39740.8	39731.7
5°	41185.6	41163.4	41188.4	41149.4	41157.1	41106.4	41102.1	41036.5	41013.9	40931.7	40896.4
7.5°	42667.9	42659.6	42674.8	42642.3	42641.2	42595.9	42577.2	42518.4	42481.9	42395.8	42340.7
10°	42992.7	43000.3	42987.8	42990.9	42973.3	42968.4	42950.3	42938.9	42909.3	42887.0	42854.0
12.5°	41644.2	41652.3	41600.8	41633.5	41607.7	41667.9	41663.0	41733.9	41744.8	41834.5	41868.5
15°	38527.6	38517.9	38419.2	38481.3	38448.0	38580.0	38609.6	38787.2	38882.3	39110.4	39250.5
17.5°	33819.4	33794.0	33654.9	33730.7	33692.2	33886.9	33952.2	34236.3	34413.6	34781.2	35043.0
20°	28207.0	28158.4	27995.7	28084.4	28044.7	28265.9	28359.2	28702.5	28931.1	29417.9	29764.2
22.5°	22525.0	22448.1	22288.8	22371.6	22334.0	22563.3	22684.6	23029.2	23291.0	23790.7	24195.0
25°	17422.5	17354.0	17200.0	17258.0	17244.0	17437.8	17545.8	17871.7	18129.0	18605.0	18991.0
27.5°	13288.5	13217.3	13078.1	13119.2	13105.0	13270.2	13371.9	13644.2	13865.6	14266.3	14605.2
30°	10170.4	10084.4	9966.4	9989.1	9979.4	10113.2	10208.3	10437.6	10627.3	10966.0	11258.0
32.5°	7795.6	7709.2	7600.8	7611.4	7597.1	7702.1	7780.3	7979.8	8145.1	8433.1	8687.2
35°	5964.7	6065.8	5834.3	5980.9	5828.3	6052.4	5971.8	6096.4	6238.6	6481.2	6693.2
37.5°	4585.4	4515.0	4455.5	4449.1	4448.8	4500.8	4562.1	4682.1	4807.4	4988.2	5175.0
40°	3633.7	3584.3	3545.8	3543.0	3545.8	3582.7	3628.0	3710.9	3802.8	3932.6	4069.8
42.5°	3013.9	2981.0	2957.8	2956.2	2963.5	2989.7	3021.2	3070.5	3130.2	3214.3	3308.4
45°	2608.5	2590.2	2577.3	2576.6	2580.0	2593.6	2611.8	2642.5	2680.3	2732.8	2792.3
47.5°	2324.1	2319.6	2311.6	2311.9	2308.2	2313.8	2315.8	2333.0	2353.2	2392.7	2470.6
50°	2117.0	2117.0	2111.3	2111.1	2105.8	2105.5	2101.1	2107.9	2117.3	2141.8	2166.7
52.5°	1953.3	1952.7	1946.7	1945.5	1939.9	1939.6	1935.7	1938.5	1939.7	1952.1	1967.0
55°	1825.3	1821.5	1813.6	1811.1	1808.8	1812.1	1810.7	1810.8	1809.1	1814.4	1818.7
57.5°	1733.6	1728.5	1721.1	1718.8	1718.3	1722.0	1722.2	1720.9	1714.0	1709.3	1702.7
60°	1660.9	1655.9	1647.8	1645.7	1646.9	1652.2	1651.9	1647.5	1637.2	1628.3	1617.8
62.5°	1589.6	1587.6	1583.4	1582.8	1581.7	1582.7	1579.0	1574.3	1564.1	1554.6	1543.2
65°	1493.8	1494.9	1491.8	1492.2	1488.6	1488.0	1482.4	1477.8	1467.5	1458.8	1447.3
67.5°	1394.4	1395.2	1392.7	1392.7	1390.7	1391.0	1387.6	1383.4	1374.7	1367.6	1358.6
70°	1312.5	1314.5	1313.1	1313.5	1311.1	1310.2	1305.0	1300.8	1291.9	1286.0	1278.0
72.5°	1214.4	1218.8	1218.6	1219.7	1216.2	1214.4	1208.0	1202.9	1194.9	1190.1	1183.6
75°	1108.5	1114.2	1115.8	1118.4	1113.3	1110.7	1103.8	1099.6	1093.1	1090.2	1086.0
77.5°	1005.1	1011.4	1017.4	1023.0	1015.0	1007.7	999.1	992.5	983.0	979.4	972.7
80°	889.0	900.2	913.6	924.8	910.3	895.5	881.3	870.7	858.2	853.1	844.8
82.5°	737.6	749.0	756.7	763.9	753.8	743.0	729.2	719.9	706.4	701.4	691.8
85°	560.3	574.6	579.2	583.0	576.5	570.8	557.8	540.4	531.8	518.5	511.6
87.5°	368.6	377.1	378.7	380.0	376.1	373.3	364.9	356.6	342.1	331.5	318.5
90°	152.8	157.9	154.1	155.7	151.2	152.3	144.5	142.2	130.9	127.0	116.9
92.5°	23.5	21.9	20.8	19.6	21.4	22.0	23.8	24.3	25.9	26.6	28.2
95°	30.5	29.3	27.9	26.6	27.6	28.7	29.8	30.8	31.9	33.0	34.0
97.5°	40.8	39.9	39.0	38.1	38.7	39.4	39.9	40.6	41.2	41.9	42.7
100°	51.5	50.8	50.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
102.5°	80.8	77.7	74.7	71.7	73.7	75.7	77.8	79.8	81.9	84.0	86.2
105°	149.2	141.0	132.6	124.4	132.5	140.4	148.4	156.5	164.4	172.8	180.8
107.5°	267.8	254.7	241.6	228.5	243.4	257.9	272.6	287.1	301.7	316.3	331.2
110°	398.4	385.9	373.5	361.0	376.5	392.0	407.5	423.0	438.6	454.1	469.9



TEST NUMBER: P1444547
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	485.9	479.9	473.8	467.7	477.7	487.7	497.7	508.0	517.9	528.1	538.0
115°	509.4	509.1	508.8	508.4	513.1	517.9	522.5	527.5	532.3	537.1	542.0
117.5°	483.1	486.3	489.7	493.1	494.6	496.1	497.8	499.3	501.1	502.7	504.5
120°	435.3	439.3	443.9	448.4	447.9	447.2	446.7	446.1	445.9	445.4	445.5
122.5°	379.2	383.5	388.0	392.5	391.1	389.8	388.6	387.5	386.5	385.4	384.6
125°	327.9	331.3	335.0	338.7	337.3	336.0	334.8	333.9	332.9	331.8	331.2
127.5°	288.1	290.1	292.0	294.4	293.8	293.1	293.0	292.4	292.3	292.2	292.3
130°	262.4	263.1	264.1	264.8	265.0	265.2	265.8	266.3	267.0	267.6	268.6
132.5°	249.4	249.0	249.0	249.0	249.7	250.5	251.5	252.6	254.0	255.2	257.1
135°	244.2	243.6	243.0	242.6	243.7	244.5	246.0	247.4	249.1	250.9	252.9
137.5°	244.7	243.9	243.2	242.3	243.4	244.4	245.8	247.2	249.0	250.7	252.9
140°	248.4	247.5	247.1	246.3	247.4	248.2	249.6	250.9	252.7	254.4	256.4
142.5°	252.6	251.5	251.0	250.5	251.2	252.2	253.6	254.7	256.4	257.8	259.7
145°	259.0	258.2	257.8	257.2	257.7	258.5	259.4	260.3	261.6	262.6	264.1
147.5°	263.7	263.2	262.9	262.4	263.0	263.3	264.0	264.5	265.6	266.4	267.5
150°	267.5	266.9	266.5	266.4	266.6	266.7	267.3	267.5	268.1	268.7	269.7
152.5°	269.3	268.6	268.6	268.2	268.3	268.4	268.8	269.1	269.5	269.8	270.7
155°	271.6	271.1	270.6	270.2	270.1	270.0	270.2	270.1	270.3	270.4	270.7
157.5°	274.8	274.2	273.9	273.3	273.1	272.8	272.8	272.6	272.6	272.2	272.3
160°	277.7	276.9	276.3	275.8	275.7	275.3	275.3	274.9	274.9	274.8	274.8
162.5°	281.8	281.2	280.8	280.2	279.9	279.3	279.0	278.4	278.1	277.8	277.7
165°	285.7	285.0	284.5	283.6	283.4	283.1	282.7	282.5	282.3	281.9	281.8
167.5°	291.4	290.6	290.0	289.3	288.9	288.3	288.0	287.5	287.2	286.8	286.7
170°	295.5	294.9	294.5	294.0	293.7	293.2	293.1	292.6	292.5	292.3	292.3
172.5°	301.0	300.5	300.1	299.7	299.4	299.1	298.9	298.8	298.5	298.5	298.4
175°	304.9	304.7	304.6	304.3	304.0	303.9	303.7	303.6	303.5	303.2	303.1
177.5°	307.5	307.3	307.2	307.1	306.9	306.9	306.9	306.9	306.9	306.8	306.6
180°	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2



TEST NUMBER: P1444547
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39706.0	39695.6	39668.1	39654.6	39629.2	39616.4	39596.5	39583.7	39567.7	39555.8	39549.5
5°	40806.2	40755.4	40653.7	40591.0	40481.2	40408.7	40299.6	40219.7	40107.0	40023.9	39917.4
7.5°	42237.4	42159.6	42029.3	41930.4	41776.7	41659.2	41486.7	41348.7	41158.1	40999.8	40805.1
10°	42820.2	42774.7	42716.2	42652.6	42567.5	42484.0	42366.2	42246.2	42086.2	41927.0	41719.1
12.5°	41959.0	42001.7	42086.2	42125.5	42190.1	42212.0	42241.6	42227.7	42201.6	42136.6	42042.3
15°	39519.7	39698.4	39980.7	40176.1	40449.7	40642.0	40896.4	41060.0	41248.5	41361.2	41468.2
17.5°	35507.2	35852.9	36351.2	36748.7	37282.4	37716.3	38247.9	38665.6	39147.9	39517.9	39911.8
20°	30367.8	30851.9	31539.7	32123.9	32897.3	33553.0	34393.1	35096.9	35917.8	36602.2	37340.8
22.5°	24836.5	25405.9	26194.0	26898.7	27822.2	28646.9	29699.6	30630.1	31739.9	32734.2	33833.9
25°	19618.3	20176.3	20979.3	21708.8	22705.7	23614.3	24764.3	25831.8	27119.7	28320.8	29699.6
27.5°	15143.5	15639.1	16344.9	17001.6	17914.7	18806.7	19973.7	21112.0	22486.3	23777.0	25262.9
30°	11695.1	12097.2	12662.7	13190.9	13923.9	14653.5	15692.9	16745.7	18113.2	19450.7	20974.0
32.5°	9063.3	9406.1	9878.2	10307.1	10871.9	11421.9	12187.4	13028.7	14228.2	15509.4	16982.3
35°	7016.0	7309.3	7711.1	8080.5	8545.0	8981.7	9552.9	10153.4	11068.8	12146.4	13464.6
37.5°	5593.5	5713.1	5999.9	6302.5	6688.3	7047.2	7494.0	7938.0	8593.0	9443.2	10520.1
40°	4253.8	4443.7	4677.1	4915.5	5207.6	5495.4	5985.7	6221.7	6652.9	7263.2	8099.0
42.5°	3432.3	3565.8	3730.1	3895.8	4099.4	4299.9	4547.8	4800.4	5122.7	5536.1	6130.6
45°	2872.2	2959.3	3065.2	3175.6	3309.3	3446.1	3612.1	3785.5	4003.9	4258.1	4619.2
47.5°	2498.0	2546.1	2615.3	2690.7	2782.3	2877.1	2985.0	3095.5	3231.3	3381.9	3587.6
50°	2206.0	2246.1	2299.8	2350.3	2413.5	2510.5	2553.4	2614.4	2696.0	2784.7	2899.7
52.5°	1994.6	2021.4	2055.1	2084.0	2124.1	2160.4	2208.0	2250.1	2306.5	2359.8	2434.0
55°	1830.1	1839.8	1858.9	1877.6	1905.2	1930.0	1962.7	1990.2	2026.2	2058.1	2104.9
57.5°	1702.9	1703.8	1712.6	1722.3	1740.2	1755.8	1778.3	1796.3	1821.3	1841.7	1869.7
60°	1611.6	1606.8	1608.5	1611.9	1622.0	1632.1	1646.5	1658.2	1674.0	1685.5	1701.2
62.5°	1535.6	1527.9	1526.2	1525.3	1530.4	1533.9	1541.8	1547.5	1556.5	1561.5	1569.9
65°	1439.6	1430.6	1427.1	1422.9	1424.4	1423.2	1426.2	1426.3	1430.9	1431.9	1436.8
67.5°	1352.5	1345.0	1340.4	1334.9	1332.4	1328.4	1326.6	1322.8	1322.2	1319.0	1318.2
70°	1273.1	1265.7	1261.9	1256.7	1254.1	1248.8	1245.6	1239.1	1235.3	1229.3	1225.9
72.5°	1181.2	1177.0	1175.9	1172.4	1171.4	1168.5	1167.1	1162.6	1160.0	1154.8	1151.9
75°	1085.1	1081.7	1081.4	1077.9	1077.6	1074.0	1073.2	1068.3	1065.8	1060.7	1058.5
77.5°	970.7	965.6	964.2	960.1	961.1	959.3	960.8	957.1	955.6	950.4	948.8
80°	841.8	835.4	832.7	827.3	828.7	826.3	828.7	828.4	830.4	826.3	825.5
82.5°	689.2	682.1	680.8	677.0	679.5	679.8	685.2	682.3	683.5	679.6	681.3
85°	501.5	496.3	488.9	487.8	483.2	488.0	481.7	486.0	479.0	483.8	477.4
87.5°	311.0	300.0	294.3	286.5	283.5	276.1	272.9	267.5	269.2	266.6	268.1
90°	115.1	106.2	104.7	97.5	97.3	91.3	92.5	88.4	90.5	86.1	88.5
92.5°	28.9	30.1	32.1	34.6	36.5	38.6	40.6	43.1	45.0	47.4	49.3
95°	35.1	36.2	39.0	41.9	44.7	47.5	50.5	53.3	56.1	59.0	61.9
97.5°	43.3	43.9	46.7	49.6	52.5	55.4	58.2	61.4	64.2	67.1	69.9
100°	49.4	49.5	57.6	65.6	73.8	82.0	90.2	98.2	106.7	114.7	122.9
102.5°	88.2	90.3	110.7	131.3	151.8	172.3	193.0	213.6	234.2	254.9	275.5
105°	188.8	196.9	228.2	259.7	290.9	322.3	353.7	385.3	416.6	448.2	479.5
107.5°	345.8	360.5	388.9	417.2	445.5	474.0	502.6	531.0	559.4	587.9	616.6
110°	485.4	501.1	520.1	539.2	558.4	577.5	596.6	615.8	635.2	654.3	673.8



TEST NUMBER: P1444547
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	548.1	558.4	569.6	581.0	592.2	603.6	614.8	626.3	637.8	649.4	660.7
115°	547.1	552.1	556.5	561.2	565.7	570.4	575.1	580.0	585.0	589.7	594.6
117.5°	506.1	508.3	509.1	510.2	511.3	512.6	513.8	515.2	516.6	518.0	519.1
120°	445.2	445.0	444.7	444.6	444.2	444.2	444.2	444.2	444.3	444.4	444.4
122.5°	383.7	383.1	382.8	382.8	382.7	382.9	383.0	383.5	383.6	383.9	384.0
125°	330.4	330.0	331.3	332.6	334.0	335.6	336.8	338.8	340.3	341.9	343.6
127.5°	292.2	292.7	295.2	297.7	300.1	302.7	305.4	308.2	310.7	313.7	316.2
130°	269.7	270.9	273.7	277.0	279.9	283.2	286.4	289.9	292.8	296.1	299.2
132.5°	258.6	260.6	263.3	266.5	269.5	272.7	275.9	279.1	282.2	285.6	288.4
135°	254.9	257.2	260.0	262.9	265.8	268.9	271.7	274.9	277.6	280.6	283.4
137.5°	254.8	257.0	259.6	262.0	264.3	267.1	269.6	272.2	274.5	277.1	279.4
140°	258.3	260.5	262.2	264.1	265.9	267.7	269.4	271.3	272.9	274.9	276.4
142.5°	261.3	263.4	264.5	266.0	267.2	269.0	270.3	271.8	272.9	274.1	275.3
145°	265.5	267.1	267.7	268.6	269.4	270.1	270.7	271.6	272.1	272.8	273.2
147.5°	268.6	269.8	270.0	270.6	271.2	271.5	271.9	272.4	272.6	273.0	273.3
150°	270.2	271.2	271.1	271.5	271.4	271.6	271.6	271.9	271.8	272.1	272.0
152.5°	271.1	271.9	271.5	271.8	271.5	271.4	271.3	271.3	271.1	271.1	271.1
155°	270.8	271.1	270.9	270.9	270.7	270.6	270.5	270.8	270.7	270.7	270.8
157.5°	272.2	272.2	272.1	272.0	271.7	271.8	271.8	271.8	271.9	272.3	272.5
160°	274.5	274.6	274.3	274.2	274.1	274.0	274.0	274.2	274.3	274.8	275.0
162.5°	277.2	277.1	276.8	276.7	276.6	276.7	276.8	277.2	277.2	277.6	277.9
165°	281.8	281.9	281.4	281.5	281.3	281.2	281.3	281.4	281.7	281.9	282.2
167.5°	286.4	286.3	286.3	286.5	286.5	286.6	286.8	287.4	287.5	288.1	288.3
170°	292.2	292.3	292.1	292.1	292.0	292.1	292.1	292.2	292.4	292.6	292.6
172.5°	298.4	298.4	298.2	298.0	297.8	297.8	297.7	297.8	297.6	297.5	297.3
175°	302.9	302.8	302.7	302.6	302.5	302.2	302.2	301.8	301.7	301.6	301.6
177.5°	306.5	306.2	306.0	306.0	305.9	305.7	305.7	305.6	305.6	305.6	305.3
180°	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2



TEST NUMBER: P1444547
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39541.6	39541.2	39537.3	39539.1	39539.9	39542.7	39546.1	39549.5	39550.3	39553.0	39553.6
5°	39837.5	39739.7	39667.4	39587.8	39527.9	39474.1	39438.2	39409.7	39398.7	39401.5	39408.1
7.5°	40640.0	40438.0	40271.4	40082.0	39924.0	39756.8	39618.1	39486.3	39390.2	39318.7	39278.6
10°	41520.5	41274.6	41039.3	40765.2	40505.1	40227.6	39976.2	39723.1	39512.0	39328.8	39194.2
12.5°	41911.3	41737.4	41534.1	41275.3	40997.1	40676.8	40353.5	40006.8	39684.4	39385.1	39143.8
15°	41497.5	41497.8	41423.7	41299.6	41106.4	40850.4	40542.3	40181.0	39800.6	39412.4	39057.9
17.5°	40184.2	40432.0	40569.8	40657.0	40630.3	40535.9	40339.9	40062.4	39707.8	39294.3	38861.7
20°	37928.8	38513.2	38930.0	39304.7	39514.7	39654.3	39640.3	39527.3	39274.9	38923.3	38472.7
22.5°	34769.3	35750.3	36524.4	37246.2	37752.5	38164.3	38360.0	38443.1	38328.7	38083.8	37660.6
25°	30931.9	32265.7	33403.9	34508.6	35337.2	36049.3	36477.3	36778.9	36802.8	36674.8	36297.3
27.5°	26667.8	28242.2	29682.8	31150.9	32316.2	33339.9	34011.7	34503.3	34659.5	34638.9	34296.1
30°	22409.1	24061.9	25649.8	27361.8	28803.7	30111.7	30999.0	31663.9	31920.1	31969.3	31639.5
32.5°	18387.2	20017.0	21600.6	23390.3	24977.1	26476.2	27524.5	28314.3	28612.2	28682.4	28320.8
35°	14737.2	16240.8	17745.7	19480.3	21057.9	22610.2	23714.8	24541.7	24820.0	24866.9	24448.1
37.5°	11571.8	12853.0	14164.3	15720.6	17169.5	18627.3	19676.8	20453.8	20656.6	20644.1	20170.1
40°	8906.6	9902.6	10956.3	12237.6	13442.1	14674.4	15560.8	16203.1	16309.6	16230.8	15733.0
42.5°	6697.4	7416.6	8180.6	9137.0	10030.7	10953.0	11597.8	12074.8	12089.9	11965.2	11518.4
45°	4989.5	5691.3	6011.6	6589.9	7165.6	7778.9	8172.6	8467.2	8421.6	8311.9	7972.3
47.5°	3803.6	4073.4	4359.4	4718.0	5053.3	5749.3	5697.7	6170.8	5830.0	6062.4	5550.9
50°	3020.5	3171.2	3325.3	3515.6	3690.9	3872.8	3986.4	4071.3	4060.3	4023.8	3925.9
52.5°	2569.7	2616.3	2692.2	2800.5	2898.2	2996.6	3061.4	3114.0	3115.0	3100.4	3050.7
55°	2147.7	2206.9	2261.4	2332.1	2452.7	2471.2	2564.0	2545.2	2552.4	2526.7	2553.1
57.5°	1893.6	1928.0	1958.7	2000.8	2035.6	2076.2	2100.2	2123.3	2121.1	2116.1	2090.8
60°	1713.5	1732.5	1749.6	1774.1	1793.3	1816.2	1827.2	1839.0	1835.2	1826.7	1804.2
62.5°	1574.8	1586.6	1596.4	1612.2	1623.8	1638.1	1643.9	1648.8	1643.9	1635.7	1615.9
65°	1437.8	1445.4	1451.6	1463.5	1471.8	1484.0	1488.9	1493.5	1488.9	1482.6	1467.5
67.5°	1314.2	1315.0	1314.4	1319.3	1321.8	1329.2	1331.3	1334.7	1329.4	1323.9	1311.1
70°	1220.6	1218.6	1216.3	1218.2	1218.6	1222.2	1222.8	1222.2	1215.9	1206.4	1192.4
72.5°	1147.4	1146.3	1144.5	1146.2	1146.2	1149.4	1148.3	1146.8	1138.9	1129.8	1116.0
75°	1053.2	1052.4	1048.9	1049.0	1046.1	1047.2	1043.3	1041.2	1032.5	1024.8	1012.5
77.5°	943.1	941.3	936.2	934.2	928.6	926.3	919.1	915.5	906.7	900.5	889.9
80°	820.1	818.2	811.6	807.9	799.1	793.4	782.9	776.9	766.7	760.7	750.4
82.5°	677.9	678.6	671.9	667.4	654.8	645.1	630.9	623.3	612.1	606.2	595.6
85°	482.1	475.2	478.9	478.6	470.7	462.2	450.8	442.7	433.3	427.7	420.2
87.5°	264.4	266.1	264.1	262.6	256.9	252.7	243.7	239.0	232.1	228.7	223.1
90°	81.2	80.7	73.7	73.3	66.5	63.8	55.9	54.1	46.9	45.7	40.6
92.5°	46.8	44.4	42.4	39.7	37.5	35.1	32.8	30.3	27.9	26.9	26.4
95°	58.4	55.1	51.7	48.2	44.7	41.2	37.9	34.4	30.9	30.3	29.5
97.5°	65.9	61.9	57.7	53.8	49.7	45.7	41.6	37.5	33.5	33.0	32.6
100°	113.5	104.2	94.8	85.4	76.0	66.6	57.4	47.9	38.7	38.1	37.6
102.5°	252.6	229.9	207.1	184.4	161.8	138.9	116.2	93.3	70.6	67.3	64.0
105°	445.1	410.4	376.3	341.8	307.3	272.8	238.4	203.7	169.3	158.2	147.1
107.5°	584.3	551.8	519.6	487.3	454.9	422.8	390.3	357.8	325.4	305.9	286.5
110°	648.2	622.6	597.2	571.6	546.1	520.5	494.8	469.2	443.6	426.8	410.4



TEST NUMBER: P1444547
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	642.2	623.7	605.3	586.6	568.1	549.4	530.9	512.2	493.3	483.4	473.4
115°	583.8	572.8	561.9	550.8	540.0	528.9	518.0	506.6	495.5	490.4	485.3
117.5°	514.2	508.8	503.6	498.3	493.1	487.5	482.2	476.7	471.2	469.8	468.2
120°	443.7	442.5	441.3	440.1	438.9	437.7	436.4	435.1	433.6	434.4	435.2
122.5°	385.6	386.9	388.4	389.6	391.0	392.2	393.8	394.6	395.9	397.9	400.0
125°	346.2	348.6	351.0	353.4	355.8	358.2	360.6	362.7	365.3	367.1	369.4
127.5°	319.2	321.7	324.6	327.1	330.0	332.6	335.3	337.6	340.3	342.4	344.6
130°	301.9	304.3	306.9	309.2	311.7	314.2	316.5	319.0	321.4	323.3	325.3
132.5°	290.7	293.1	295.5	297.6	300.1	302.2	304.7	306.9	309.4	311.0	312.7
135°	285.6	287.3	289.3	291.1	293.3	295.0	297.0	299.1	301.3	302.6	304.3
137.5°	281.2	282.7	284.7	286.1	288.1	289.6	291.7	293.3	295.5	296.5	298.1
140°	278.1	279.7	281.4	283.0	284.9	286.4	288.6	290.4	292.4	293.6	295.0
142.5°	276.8	278.0	279.4	280.7	282.5	283.7	285.5	287.2	289.0	290.3	291.6
145°	274.7	276.1	277.6	279.1	280.5	282.2	284.1	285.9	287.9	288.8	290.1
147.5°	274.4	275.6	276.9	278.3	279.6	281.0	282.7	284.4	286.1	287.2	288.4
150°	273.2	274.4	275.6	276.8	278.3	279.8	281.5	283.1	285.3	286.3	287.4
152.5°	272.3	273.4	274.7	276.1	277.7	279.3	280.9	282.7	284.6	285.6	286.7
155°	272.1	273.1	274.6	276.1	277.6	279.0	280.7	282.4	284.1	285.3	286.2
157.5°	273.6	274.6	275.9	277.3	278.6	280.0	281.7	283.0	284.7	285.6	286.4
160°	276.1	277.0	278.4	279.6	280.9	282.2	283.6	284.8	286.2	287.2	288.1
162.5°	279.1	280.2	281.5	282.5	283.9	285.1	286.5	287.7	289.1	289.8	290.7
165°	283.1	284.0	285.1	285.9	287.0	287.8	289.0	289.9	291.2	291.8	292.7
167.5°	289.3	289.9	290.5	291.3	292.2	293.0	293.9	294.7	295.7	296.4	297.1
170°	293.4	294.0	294.5	295.2	295.9	296.6	297.3	297.9	298.9	299.4	300.1
172.5°	297.8	298.0	298.6	298.9	299.3	299.7	300.3	300.9	301.4	301.9	302.4
175°	301.9	302.0	302.3	302.4	302.5	302.8	303.2	303.6	303.8	304.2	304.5
177.5°	305.4	305.5	305.6	305.7	306.1	306.2	306.4	306.5	306.8	307.1	307.4
180°	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2



TEST NUMBER: P1444547
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39552.4	39551.9	39550.6	39548.8	39547.0	39548.1	39549.8	39554.4	39562.3	39573.8	39588.8
5°	39413.5	39421.6	39426.1	39426.7	39422.6	39420.1	39424.0	39434.8	39456.8	39493.5	39543.2
7.5°	39267.9	39277.9	39293.2	39304.7	39306.9	39304.0	39304.7	39321.7	39362.2	39433.8	39534.2
10°	39112.4	39082.9	39098.5	39127.0	39149.7	39153.8	39156.6	39176.7	39235.9	39344.1	39505.4
12.5°	38968.9	38875.4	38857.2	38883.0	38917.5	38928.4	38925.4	38934.0	39003.4	39146.6	39371.4
15°	38780.1	38604.0	38543.9	38550.5	38593.0	38608.2	38597.1	38580.0	38647.5	38822.4	39113.5
17.5°	38474.4	38190.6	38080.0	38075.1	38124.9	38138.1	38110.7	38057.8	38124.3	38342.5	38703.8
20°	38009.8	37590.8	37382.5	37349.5	37403.5	37387.7	37333.2	37253.1	37340.5	37605.8	38035.6
22.5°	37174.6	36643.7	36287.8	36173.1	36237.7	36194.7	36115.1	36012.9	36128.9	36430.4	36909.0
25°	35809.7	35196.3	34709.2	34436.0	34487.5	34410.2	34323.6	34199.8	34338.1	34684.2	35211.0
27.5°	33803.7	33095.1	32491.5	32039.1	32055.6	31954.5	31854.7	31694.5	31867.2	32276.9	32871.1
30°	31136.1	30316.0	29581.0	28966.2	28911.3	28813.1	28710.9	28500.6	28716.9	29207.2	29901.5
32.5°	27786.0	26875.5	26026.3	25248.9	25102.3	25006.6	24915.6	24673.4	24956.6	25528.3	26326.0
35°	23868.2	22898.5	21977.6	21089.8	20846.8	20751.1	20671.5	20439.6	20792.9	21415.0	22276.5
37.5°	19567.9	18577.2	17663.0	16752.6	16409.4	16279.4	16221.6	16069.7	16477.3	17092.7	17957.8
40°	15153.2	14232.1	13412.5	12608.4	12217.0	12018.3	11988.0	11960.4	12354.4	12888.3	13673.5
42.5°	11023.3	10280.2	9648.2	9033.6	8679.0	8407.7	8407.5	8489.9	8844.6	9244.5	9850.0
45°	7625.2	7126.5	6723.8	6313.2	6422.9	5881.9	6199.8	6036.7	6212.0	6469.8	6863.6
47.5°	5241.6	4969.3	4748.1	4518.7	4351.5	4191.8	4205.7	4308.7	4473.8	4626.8	4831.7
50°	3820.2	3681.6	3568.9	3449.8	3366.5	3296.0	3300.2	3344.8	3431.5	3512.2	3619.3
52.5°	2993.4	2916.9	2855.7	2789.9	2746.2	2711.2	2713.1	2734.7	2781.6	2827.6	2889.1
55°	2467.3	2458.1	2378.5	2319.3	2296.8	2273.4	2277.6	2286.1	2318.1	2344.9	2385.7
57.5°	2067.5	2031.8	2008.0	1976.9	1962.5	1946.1	1949.8	1953.0	1974.3	1992.4	2021.7
60°	1785.4	1760.1	1743.1	1721.9	1712.5	1702.1	1704.4	1706.3	1720.0	1731.8	1752.8
62.5°	1597.8	1575.1	1560.4	1544.1	1537.5	1530.4	1532.1	1532.7	1541.2	1549.8	1565.7
65°	1453.9	1436.0	1423.8	1409.7	1402.7	1395.5	1396.2	1396.2	1403.4	1409.7	1421.7
67.5°	1301.9	1288.3	1280.4	1269.2	1264.6	1257.0	1256.9	1254.5	1259.2	1261.8	1269.8
70°	1179.8	1166.2	1156.0	1145.2	1139.4	1132.8	1132.9	1133.1	1138.5	1144.2	1154.7
72.5°	1104.4	1091.3	1082.3	1072.9	1067.4	1061.7	1060.7	1060.1	1064.1	1067.2	1074.0
75°	1004.5	994.1	988.8	980.0	975.5	969.2	968.2	965.3	967.2	967.8	972.9
77.5°	883.3	873.4	869.2	860.2	856.6	849.4	848.8	845.5	847.0	846.0	850.0
80°	745.3	736.2	733.9	726.5	724.8	718.2	717.1	713.2	714.3	711.2	712.8
82.5°	591.1	582.8	581.1	574.3	574.3	568.3	568.0	562.0	562.0	556.9	548.6
85°	416.4	410.3	407.8	402.3	400.6	395.8	393.3	387.6	385.5	381.8	380.7
87.5°	219.7	215.9	212.5	209.9	205.0	196.3	195.6	189.6	190.0	185.8	186.1
90°	40.0	35.4	35.0	30.7	30.1	27.1	26.7	26.3	26.7	26.4	26.9
92.5°	25.5	24.7	23.9	23.2	22.3	21.5	20.7	21.5	22.3	23.2	23.9
95°	28.8	28.1	27.3	26.7	26.0	25.2	24.5	25.2	26.0	26.9	27.5
97.5°	32.1	31.6	31.2	30.7	30.3	29.9	29.4	30.1	30.4	30.9	31.4
100°	37.0	36.6	36.0	35.5	34.9	34.4	33.8	34.7	35.2	35.8	36.3
102.5°	60.8	57.5	54.2	50.9	47.6	44.3	41.0	44.3	47.6	51.1	54.4
105°	136.0	125.1	113.9	102.8	91.7	80.6	69.4	80.7	91.8	102.9	114.2
107.5°	266.9	247.6	228.1	208.6	188.9	169.4	149.8	169.6	189.2	208.8	228.3
110°	393.5	376.7	359.9	343.1	326.2	309.5	292.5	309.6	326.5	343.4	360.3



TEST NUMBER: P1444547
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	463.2	453.2	442.9	433.0	422.7	412.7	402.3	413.0	423.2	433.7	443.9
115°	480.3	475.0	470.1	464.8	459.4	454.2	448.6	454.7	460.2	465.7	471.2
117.5°	466.6	465.2	463.5	461.9	460.2	458.5	456.7	458.8	460.9	463.2	464.9
120°	435.6	436.4	437.0	437.5	438.1	438.5	438.8	439.0	439.0	439.0	438.9
122.5°	401.9	403.9	405.7	407.6	409.4	411.1	412.6	411.7	410.5	409.5	408.0
125°	371.4	373.7	375.6	377.7	379.4	381.4	382.8	382.2	381.1	379.9	378.4
127.5°	346.6	348.6	350.6	352.7	354.3	355.9	357.4	356.8	355.9	354.9	353.6
130°	327.0	329.1	330.5	332.4	333.7	335.1	336.2	336.0	335.3	335.0	333.9
132.5°	314.3	316.2	317.6	319.2	320.3	321.6	322.3	322.5	322.2	322.0	321.1
135°	305.8	307.2	308.4	310.0	311.0	311.9	312.5	313.0	312.9	312.8	312.2
137.5°	299.2	300.6	301.6	302.7	303.5	304.2	304.6	305.2	305.4	305.9	305.6
140°	296.2	297.7	298.7	299.7	300.8	301.6	301.9	302.7	302.9	303.0	302.7
142.5°	292.9	294.2	295.3	296.5	297.3	298.1	298.4	299.1	299.3	299.4	299.3
145°	291.4	292.3	293.4	294.5	295.2	295.7	295.8	296.8	297.1	297.3	297.4
147.5°	289.3	290.6	291.4	292.2	292.8	293.6	293.9	294.5	294.8	295.1	295.2
150°	288.6	289.7	290.7	291.7	292.4	293.1	293.3	294.0	294.2	294.5	294.4
152.5°	287.7	288.7	289.6	290.4	291.2	291.8	292.0	292.6	293.1	293.5	293.6
155°	287.2	288.2	289.0	289.9	290.5	291.3	291.9	292.4	292.9	293.2	293.5
157.5°	287.3	288.4	289.0	289.9	290.5	291.5	292.0	292.7	293.2	293.8	294.1
160°	288.8	289.8	290.4	291.3	292.0	292.7	293.3	294.1	294.7	295.1	295.7
162.5°	291.5	292.3	292.8	293.7	294.4	295.2	295.7	296.4	297.1	297.7	298.1
165°	293.6	294.4	295.0	295.8	296.6	297.5	298.1	298.6	299.0	299.5	299.8
167.5°	297.8	298.5	299.0	299.8	300.4	301.3	301.9	302.4	302.7	303.1	303.4
170°	300.7	301.4	301.9	302.4	303.2	303.9	304.3	304.6	304.9	305.2	305.6
172.5°	302.8	303.6	304.1	304.8	305.2	305.9	306.4	306.8	306.9	307.1	307.1
175°	304.8	305.5	305.7	306.2	306.6	307.1	307.6	307.5	307.8	307.7	307.8
177.5°	307.9	308.4	308.7	309.0	309.5	309.7	310.1	309.8	309.8	309.6	309.3
180°	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2



TEST NUMBER: P1444547
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39610.0	39629.8	39660.2	39687.6	39729.0	39761.6	39810.6	39847.8	39903.1	39939.0	39999.2
5°	39613.5	39691.0	39792.9	39892.4	40012.0	40120.5	40255.3	40370.2	40505.8	40616.4	40755.1
7.5°	39669.6	39819.0	39998.1	40178.5	40382.7	40573.7	40788.8	40983.5	41196.4	41376.5	41573.2
10°	39710.9	39941.4	40205.4	40471.0	40750.5	41010.3	41272.6	41499.2	41710.9	41885.3	42039.2
12.5°	39654.9	39972.4	40311.1	40638.2	40949.1	41218.0	41443.6	41617.8	41738.2	41819.8	41838.9
15°	39464.4	39846.4	40214.8	40540.5	40798.5	40997.5	41100.5	41148.6	41097.0	41011.1	40822.2
17.5°	39108.7	39511.6	39840.9	40097.9	40234.2	40288.2	40202.9	40054.4	39764.4	39442.5	38977.6
20°	38456.3	38831.8	39070.7	39210.9	39174.4	39039.5	38717.4	38325.9	37746.8	37129.8	36315.4
22.5°	37312.2	37640.6	37767.8	37778.2	37555.6	37218.0	36637.0	35965.5	35052.1	34102.3	32934.4
25°	35594.9	35882.4	35902.5	35789.6	35382.3	34835.1	33982.1	33032.2	31790.8	30525.4	29061.8
27.5°	33265.8	33541.6	33474.1	33263.3	32697.9	31965.7	30873.5	29646.3	28116.0	26621.4	25002.4
30°	30338.0	30632.9	30553.6	30283.3	29610.8	28745.4	27460.2	26034.5	24335.4	22739.1	21098.5
32.5°	26834.2	27207.1	27152.4	26895.4	26193.7	25267.4	23873.1	22360.9	20622.6	19049.5	17453.6
35°	22851.8	23304.4	23327.9	23159.9	22508.5	21593.0	20216.1	18752.4	17087.3	15603.1	14128.8
37.5°	18561.1	19085.9	19193.7	19148.4	18608.6	17800.4	16545.8	15232.7	13757.7	12456.9	11196.0
40°	14246.7	14778.0	14962.3	15017.0	14618.6	13992.6	12963.0	11903.2	10700.6	9646.6	8645.4
42.5°	10312.2	10783.1	10961.3	11073.4	10824.6	10407.2	9656.2	8886.5	8005.6	7245.3	6516.4
45°	7162.1	7495.2	7630.6	7743.5	7608.0	7372.5	6898.2	6416.8	5835.3	5338.5	4868.2
47.5°	5007.4	5191.2	5280.6	5335.2	5282.8	5159.9	4901.8	4623.0	4294.7	4004.4	3725.3
50°	3711.6	3809.3	3856.2	3887.8	3849.5	3781.2	3641.6	3489.8	3309.5	3145.1	2984.3
52.5°	2941.3	2997.4	3025.2	3042.2	3020.3	2978.6	2897.2	2807.2	2699.1	2597.5	2544.1
55°	2477.9	2475.0	2539.2	2508.2	2539.2	2470.0	2455.4	2356.5	2266.7	2203.5	2135.1
57.5°	2043.5	2072.6	2084.9	2098.7	2089.8	2077.1	2042.6	2007.1	1959.8	1920.2	1878.0
60°	1768.9	1792.8	1806.4	1820.1	1819.2	1814.5	1794.5	1773.2	1743.7	1720.0	1694.4
62.5°	1579.7	1600.5	1613.8	1626.9	1628.1	1626.2	1611.0	1596.4	1576.2	1561.4	1543.7
65°	1430.9	1445.4	1454.5	1465.0	1464.4	1461.6	1447.9	1435.7	1419.1	1408.9	1395.9
67.5°	1275.1	1286.2	1293.2	1303.1	1305.0	1305.6	1298.0	1292.3	1284.3	1281.4	1276.9
70°	1164.4	1177.8	1189.1	1201.6	1208.3	1211.6	1208.3	1205.4	1200.7	1198.6	1195.3
72.5°	1080.5	1091.9	1100.7	1112.1	1118.4	1122.9	1120.4	1118.7	1114.7	1114.1	1111.8
75°	976.4	984.3	989.2	997.7	1001.1	1005.4	1003.5	1004.5	1003.2	1006.5	1006.3
77.5°	851.2	857.0	859.4	865.5	866.2	871.3	872.5	878.5	882.7	892.1	897.2
80°	710.3	714.0	714.0	720.3	723.1	731.9	735.9	745.8	750.4	758.7	759.5
82.5°	551.8	547.5	551.8	549.2	557.2	566.9	568.3	576.6	578.6	583.9	579.7
85°	377.3	377.0	373.6	374.2	371.7	372.8	371.4	373.0	371.5	371.7	367.9
87.5°	180.7	182.4	178.4	179.8	175.9	177.6	174.2	177.0	173.0	173.6	167.6
90°	26.9	27.2	27.2	27.7	28.6	29.9	31.2	32.6	34.4	35.7	37.2
92.5°	24.7	25.7	26.6	27.3	28.1	30.5	33.0	35.3	37.8	40.1	42.6
95°	28.3	29.0	29.7	30.7	31.4	34.9	38.4	41.8	45.3	48.8	52.3
97.5°	32.1	32.6	33.1	33.5	34.0	38.1	42.2	46.3	50.4	54.5	58.5
100°	36.9	37.4	38.0	38.7	39.3	48.7	58.2	67.6	77.0	86.3	95.7
102.5°	57.8	61.1	64.4	68.0	71.3	94.2	117.0	139.9	162.5	185.4	208.2
105°	125.4	136.5	147.9	159.0	170.2	204.8	239.5	274.1	308.4	343.0	377.6
107.5°	248.0	267.6	287.4	307.0	326.6	359.1	391.5	424.1	456.7	489.1	521.3
110°	377.6	394.2	411.4	428.3	445.2	470.8	496.7	522.4	548.2	573.8	599.4



TEST NUMBER: P1444547
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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°	454.4	464.5	474.9	484.9	495.3	514.1	533.1	551.8	570.7	589.2	608.0
115°	476.7	481.7	487.2	492.5	498.0	509.2	520.4	531.6	543.0	553.9	565.3
117.5°	467.0	468.8	470.8	472.2	474.0	479.7	485.3	490.8	496.5	502.1	507.6
120°	438.8	438.4	438.1	437.5	437.2	438.5	440.2	441.6	443.1	444.5	445.8
122.5°	406.8	405.0	403.6	401.8	400.2	398.9	398.0	396.8	395.9	394.7	393.6
125°	377.0	375.1	373.6	371.7	369.8	367.7	365.6	363.4	361.2	359.0	356.7
127.5°	352.5	350.7	349.4	347.5	345.8	343.1	340.8	338.3	336.0	333.4	330.9
130°	333.1	331.6	330.6	328.7	327.5	325.0	323.0	320.7	318.3	316.1	313.8
132.5°	320.6	319.5	318.4	317.0	315.9	313.7	311.8	309.4	307.4	305.1	303.2
135°	311.9	311.1	310.4	309.3	308.3	306.3	304.7	302.8	301.1	299.3	297.6
137.5°	305.4	304.8	304.3	303.6	302.8	301.1	299.7	298.0	296.6	294.9	293.5
140°	302.6	302.1	301.6	300.9	300.2	298.6	297.1	295.4	294.0	292.2	290.8
142.5°	299.0	298.6	298.2	297.5	297.0	295.4	294.5	293.1	291.9	290.5	289.3
145°	297.2	296.9	296.7	296.1	295.9	294.5	293.2	291.8	290.6	289.1	287.9
147.5°	295.2	295.0	295.0	294.6	294.6	293.3	292.4	291.3	290.4	289.1	288.3
150°	294.4	294.4	294.3	294.0	293.8	292.7	291.9	290.9	290.0	288.8	288.1
152.5°	293.6	293.7	293.8	293.8	293.9	293.0	292.1	291.2	290.3	289.2	288.5
155°	293.8	293.9	294.1	294.1	294.1	293.4	292.6	291.8	291.0	290.2	289.4
157.5°	294.4	294.7	295.0	295.2	295.2	294.7	294.0	293.4	292.7	292.0	291.4
160°	296.0	296.4	296.7	296.9	297.2	296.6	296.4	295.5	295.3	294.5	293.8
162.5°	298.5	298.9	299.2	299.4	299.7	299.1	298.9	298.4	297.9	297.0	296.5
165°	300.4	300.5	300.8	300.9	301.1	300.7	300.5	300.1	299.7	299.3	298.9
167.5°	303.9	303.9	304.3	304.4	304.6	304.3	304.4	304.1	303.8	303.5	303.2
170°	305.9	306.1	306.3	306.3	306.5	306.2	306.1	305.9	305.9	305.3	305.0
172.5°	307.3	307.3	307.5	307.6	307.5	307.3	307.3	307.1	307.0	306.9	306.7
175°	307.9	307.8	307.9	307.9	307.8	307.9	307.8	307.8	307.7	307.7	307.6
177.5°	309.4	309.3	309.0	308.9	308.8	308.7	308.7	308.6	308.8	308.7	308.6
180°	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2



TEST NUMBER: P1444547
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	40036.4	39789.1	39756.5	39773.8	39815.1	39830.4	39875.1	39887.3	39932.1	39943.1	39986.2
5°	40862.5	40535.7	40552.0	40630.6	40749.6	40820.4	40937.4	40998.6	41110.2	41160.9	41261.8
7.5°	41733.6	41477.0	41557.0	41689.5	41852.1	41964.8	42105.3	42196.7	42317.8	42393.0	42489.8
10°	42161.3	42091.0	42179.1	42283.4	42376.2	42448.8	42508.3	42556.1	42587.2	42616.5	42629.3
12.5°	41835.8	41944.6	41959.6	41949.6	41888.0	41841.2	41735.7	41664.0	41536.8	41459.3	41308.0
15°	40629.2	40868.5	40736.0	40535.4	40241.9	39997.1	39651.5	39394.1	39034.2	38790.0	38428.9
17.5°	38511.7	38813.7	38468.4	38004.3	37413.8	36908.5	36279.5	35780.2	35154.6	34699.8	34116.1
20°	35530.6	35812.8	35197.0	34427.5	33514.1	32745.3	31838.7	31115.4	30273.0	29646.3	28890.0
22.5°	31818.9	32020.0	31152.3	30115.0	28951.2	27990.8	26907.0	26039.7	25078.4	24361.9	23555.6
25°	27712.6	27766.8	26726.1	25531.1	24234.0	23154.6	21997.4	21085.7	20105.2	19379.1	18587.6
27.5°	23568.1	23488.5	22363.6	21096.4	19732.1	18610.2	17481.5	16627.1	15768.4	15114.3	14432.5
30°	19656.1	19463.5	18295.6	16993.1	15668.7	14663.2	13726.1	13040.0	12356.8	11838.0	11290.7
32.5°	16068.8	15797.1	14660.2	13439.9	12324.0	11548.0	10853.2	10334.0	9782.3	9344.0	8884.7
35°	12891.5	12601.9	11594.7	10560.2	9715.6	9143.6	8597.5	8171.6	7703.1	7333.4	6934.5
37.5°	10164.6	9927.2	9083.6	8269.5	7630.6	7187.4	6739.9	6391.8	6004.8	5842.1	5415.8
40°	7847.0	7681.1	7021.5	6421.4	5941.6	5733.4	5279.2	4954.1	4664.7	4426.2	4195.2
42.5°	6120.8	6062.1	5420.1	4952.1	4614.3	4351.9	4098.8	3893.3	3693.3	3528.9	3373.6
45°	4491.8	4445.3	4160.3	3890.1	3659.9	3476.6	3305.5	3164.2	3033.4	2925.1	2826.4
47.5°	3497.7	3482.9	3318.7	3151.2	3006.2	2888.4	2777.4	2683.5	2596.7	2524.4	2500.8
50°	2844.9	2842.9	2746.6	2643.2	2540.0	2471.9	2401.0	2345.5	2289.8	2246.4	2200.6
52.5°	2417.2	2406.7	2341.7	2277.9	2216.6	2171.9	2126.6	2091.1	2054.1	2027.4	1998.9
55°	2081.0	2092.0	2054.3	2016.2	1977.8	1950.1	1918.3	1894.9	1869.6	1852.7	1835.5
57.5°	1847.4	1862.0	1842.3	1820.7	1797.3	1779.0	1757.0	1741.0	1724.0	1713.2	1703.2
60°	1677.5	1693.4	1685.5	1674.6	1660.2	1649.3	1635.4	1626.3	1615.5	1609.5	1603.8
62.5°	1533.4	1553.2	1550.4	1545.3	1536.1	1530.0	1522.4	1518.4	1511.2	1508.5	1505.9
65°	1389.6	1411.9	1411.5	1409.0	1403.8	1402.1	1397.3	1396.4	1392.8	1394.2	1393.9
67.5°	1276.4	1295.9	1300.2	1303.3	1303.1	1304.2	1303.8	1305.7	1305.7	1308.5	1310.2
70°	1194.9	1208.3	1211.6	1214.8	1215.7	1218.3	1218.3	1220.0	1219.5	1221.9	1222.2
72.5°	1112.3	1130.1	1133.4	1136.0	1136.0	1138.5	1137.2	1136.8	1133.2	1132.5	1130.0
75°	1009.7	1032.5	1037.5	1040.7	1041.2	1043.3	1040.2	1038.4	1032.5	1030.1	1026.0
77.5°	902.4	926.1	929.7	930.8	928.9	929.4	922.9	918.5	911.0	907.9	903.9
80°	762.9	797.7	800.5	798.3	792.9	792.0	785.7	781.5	772.6	769.5	766.1
82.5°	580.5	621.4	627.2	629.7	625.2	626.3	620.2	617.8	609.6	608.1	602.7
85°	366.5	407.4	414.1	413.2	408.7	407.7	404.1	405.3	404.6	406.9	408.0
87.5°	168.4	208.0	217.5	214.5	214.0	211.2	204.9	207.2	211.1	213.5	213.7
90°	38.7	52.1	53.2	53.1	49.3	48.6	44.9	45.0	41.9	41.8	39.0
92.5°	44.9	47.3	49.7	47.6	45.5	43.3	41.2	38.9	36.9	34.6	32.7
95°	55.7	58.9	62.3	59.5	56.4	53.6	50.8	47.9	45.1	42.3	39.4
97.5°	62.6	66.4	70.3	67.5	64.6	61.7	58.8	55.9	53.0	50.0	47.1
100°	105.1	114.0	123.2	115.1	106.9	98.8	90.8	82.4	74.4	66.2	58.1
102.5°	230.9	253.4	276.0	255.3	234.7	214.0	193.5	173.0	152.5	131.7	111.2
105°	411.9	445.9	480.3	448.5	417.1	385.7	354.3	322.9	291.5	260.0	228.6
107.5°	553.8	585.2	617.2	588.7	560.1	531.6	503.0	474.6	446.1	417.5	389.2
110°	625.0	649.4	674.7	655.2	636.1	616.6	597.4	578.1	558.9	539.8	520.7



TEST NUMBER: P1444547
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	626.6	643.5	661.8	650.0	638.7	627.2	615.7	604.2	592.9	581.4	570.3
115°	576.1	585.3	595.7	590.7	585.9	581.1	576.1	571.4	566.5	561.8	557.3
117.5°	513.0	516.0	520.8	519.1	518.0	516.3	515.1	513.6	512.5	511.3	510.2
120°	447.1	445.7	446.3	446.0	446.0	445.8	445.8	445.6	445.6	445.7	445.8
122.5°	392.3	388.2	386.1	385.8	385.4	385.1	384.9	384.6	384.5	384.5	384.5
125°	354.6	349.0	345.7	344.0	342.6	340.8	339.1	337.5	336.1	334.5	333.2
127.5°	328.3	322.3	318.9	316.2	313.5	310.8	308.0	305.2	302.7	300.0	297.6
130°	311.6	305.5	302.1	298.9	295.9	292.5	289.5	286.3	283.0	279.9	276.8
132.5°	300.9	294.7	291.6	288.6	285.7	282.5	279.4	276.2	273.1	269.8	266.9
135°	295.7	289.6	286.9	283.9	281.4	278.4	275.5	272.6	269.8	266.6	264.2
137.5°	291.8	285.7	283.1	280.7	278.5	276.0	273.8	271.3	268.9	266.2	263.9
140°	289.2	282.7	280.3	278.7	277.3	275.4	273.9	272.2	270.6	268.9	267.2
142.5°	288.0	281.7	279.3	278.1	277.1	275.9	275.0	273.6	272.5	271.0	269.8
145°	286.7	279.7	277.4	276.7	276.4	275.8	275.3	274.7	274.2	273.4	272.9
147.5°	287.0	279.8	277.4	277.3	277.1	276.6	276.6	276.1	276.1	275.7	275.5
150°	286.9	278.7	276.0	276.1	275.9	276.0	276.1	275.9	276.1	276.1	276.1
152.5°	287.3	277.5	274.4	274.5	274.8	274.7	275.0	275.1	275.5	275.8	275.9
155°	288.3	277.7	274.2	273.9	274.0	274.0	274.1	274.2	274.4	274.6	274.9
157.5°	290.4	279.2	275.8	275.3	275.3	275.2	275.2	275.2	275.3	275.4	275.8
160°	293.1	281.9	278.4	277.9	277.8	277.6	277.4	277.2	277.3	277.4	277.7
162.5°	295.6	284.7	281.3	280.8	280.5	280.3	280.2	279.8	279.9	279.8	280.1
165°	298.3	288.6	285.4	285.0	284.9	284.6	284.5	284.3	284.4	284.4	284.6
167.5°	302.7	293.9	291.4	290.9	290.5	290.0	290.0	289.4	289.4	289.1	289.1
170°	304.7	297.8	295.5	295.3	295.4	295.2	295.1	295.1	295.0	294.8	294.9
172.5°	306.4	301.4	299.7	299.7	299.9	300.0	300.2	300.1	300.3	300.5	300.7
175°	307.5	304.5	303.8	303.6	303.7	303.8	303.9	303.9	304.0	304.1	304.5
177.5°	308.7	307.9	307.5	307.5	307.5	307.5	307.5	307.5	307.5	307.7	307.7
180°	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2



TEST NUMBER: P1444547
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39994.3	40041.0	40037.4	40080.9	40078.8	40119.8	40111.5	40146.9	40138.9	40169.1	40151.4
5°	41306.2	41394.9	41424.1	41504.2	41520.8	41592.4	41593.9	41650.8	41643.9	41688.4	41664.8
7.5°	42547.2	42630.0	42669.3	42731.5	42762.6	42814.0	42834.1	42876.5	42886.7	42911.7	42910.9
10°	42651.9	42651.7	42671.0	42662.4	42679.8	42669.7	42690.9	42683.3	42714.6	42706.5	42730.2
12.5°	41242.7	41102.8	41051.8	40926.1	40898.7	40790.9	40798.5	40729.4	40762.7	40720.3	40792.6
15°	38214.0	37889.6	37729.2	37447.1	37358.6	37135.6	37117.5	36969.4	37009.4	36932.0	37045.2
17.5°	33738.3	33227.5	32947.2	32535.3	32371.7	32056.4	31993.2	31802.6	31832.1	31736.1	31872.9
20°	28402.2	27785.0	27431.3	26955.1	26742.5	26366.6	26266.8	26053.6	26080.4	25984.8	26139.5
22.5°	23005.2	22359.1	21960.0	21460.6	21189.3	20835.7	20729.6	20515.3	20527.5	20437.8	20586.7
25°	18045.5	17426.1	17038.7	16585.1	16349.6	16025.5	15914.0	15721.6	15732.5	15658.5	15792.1
27.5°	13959.5	13451.3	13127.1	12746.9	12535.8	12269.4	12160.7	11998.9	11998.5	11944.2	12055.8
30°	10908.6	10484.5	10193.4	9862.4	9664.1	9423.6	9318.6	9173.9	9167.6	9129.1	9217.7
32.5°	8541.2	8163.9	7898.4	7607.2	7429.1	7222.8	7123.4	7007.1	6996.5	6961.6	7034.4
35°	6639.7	6322.0	6093.7	5848.4	5866.5	5562.0	5612.6	5376.2	5312.1	5298.0	5352.2
37.5°	5131.7	4885.6	4700.2	4516.5	4392.1	4263.4	4194.1	4131.9	4124.9	4118.8	4156.8
40°	4016.7	3844.5	3709.7	3583.6	3498.0	3419.5	3376.1	3342.0	3333.8	3329.3	3352.3
42.5°	3250.9	3134.8	3047.8	2970.9	2918.8	2876.2	2852.3	2833.4	2827.0	2827.2	2840.7
45°	2746.6	2676.2	2620.1	2572.3	2539.0	2553.7	2510.7	2533.2	2503.5	2534.2	2513.9
47.5°	2418.8	2358.8	2324.1	2290.2	2270.1	2253.9	2254.5	2254.8	2261.2	2262.1	2268.7
50°	2165.8	2131.1	2107.0	2085.4	2074.9	2066.4	2069.4	2071.5	2077.7	2078.2	2083.0
52.5°	1978.6	1955.8	1941.3	1927.8	1923.1	1918.3	1920.3	1919.5	1922.3	1920.8	1924.8
55°	1826.2	1815.5	1811.0	1805.9	1806.7	1805.3	1806.2	1801.4	1798.5	1794.8	1798.2
57.5°	1701.2	1699.7	1702.8	1704.9	1710.6	1712.6	1714.0	1708.4	1703.1	1698.3	1701.1
60°	1604.9	1607.2	1614.9	1621.0	1629.3	1633.1	1635.5	1632.3	1628.4	1624.4	1626.8
62.5°	1509.9	1513.6	1522.7	1529.6	1539.6	1544.7	1550.4	1550.7	1552.3	1550.7	1552.4
65°	1399.5	1404.1	1412.3	1418.1	1427.4	1431.9	1437.8	1438.8	1442.0	1441.3	1444.2
67.5°	1315.7	1319.8	1326.7	1332.2	1340.4	1345.2	1350.3	1350.6	1351.7	1351.5	1354.1
70°	1226.3	1228.3	1234.5	1239.1	1247.3	1252.2	1258.1	1259.8	1263.5	1264.1	1267.0
72.5°	1131.0	1130.1	1133.8	1135.8	1142.0	1145.9	1153.4	1157.4	1163.6	1165.3	1167.5
75°	1027.1	1026.2	1030.7	1032.5	1037.8	1041.6	1050.0	1055.4	1064.9	1068.9	1067.9
77.5°	907.0	909.0	917.3	921.8	928.9	933.7	944.7	953.3	970.9	978.4	970.7
80°	772.6	774.8	783.4	787.6	796.8	802.7	815.0	825.0	840.9	844.2	839.8
82.5°	607.4	608.0	615.6	618.9	630.9	639.7	655.1	663.1	672.8	671.4	670.2
85°	414.1	419.7	429.3	438.9	453.6	467.6	482.3	494.3	485.8	499.2	484.1
87.5°	221.4	220.8	233.7	231.6	252.2	264.1	276.8	282.8	289.6	288.3	288.4
90°	39.4	37.1	38.1	35.5	37.5	34.6	37.6	35.1	38.8	35.4	41.1
92.5°	30.3	29.4	28.0	27.1	25.7	24.8	23.5	22.3	21.1	20.0	21.1
95°	36.6	35.5	34.4	33.3	32.2	31.1	30.1	29.0	27.9	26.9	28.2
97.5°	44.3	43.7	43.1	42.5	41.8	41.2	40.5	39.9	39.2	38.6	39.5
100°	49.9	49.9	49.9	49.9	49.6	49.6	49.6	49.6	49.6	49.6	50.3
102.5°	90.6	88.5	86.5	84.3	82.2	80.1	78.1	76.0	74.0	71.9	75.0
105°	197.2	189.2	181.1	173.1	164.8	156.9	148.8	140.8	132.8	124.8	133.0
107.5°	361.0	346.2	331.5	316.9	302.1	287.5	272.9	258.3	243.8	229.1	242.2
110°	501.5	485.9	470.2	454.7	439.0	423.4	407.9	392.4	376.9	361.4	373.9



TEST NUMBER: P1444547
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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°	559.1	548.6	538.4	528.3	518.2	508.3	498.2	488.2	478.2	468.2	474.2
115°	552.6	547.6	542.6	537.8	532.9	527.9	523.0	518.4	513.6	508.9	509.2
117.5°	509.0	507.0	505.3	503.4	501.7	499.9	498.4	496.8	495.2	493.8	490.4
120°	446.1	446.1	446.2	446.5	446.8	447.4	447.5	448.1	448.7	449.3	444.8
122.5°	384.5	385.0	385.8	386.6	387.6	388.6	389.7	391.0	392.3	393.7	389.1
125°	331.6	332.3	332.9	333.5	334.1	335.4	336.5	337.7	338.9	340.4	336.7
127.5°	295.1	294.8	294.4	294.4	294.4	294.7	295.1	295.4	296.1	296.9	294.5
130°	273.7	272.7	271.4	270.6	269.5	269.0	268.5	268.1	267.8	267.7	266.8
132.5°	263.8	262.2	260.3	258.8	257.2	256.2	254.8	254.1	253.2	252.7	252.4
135°	261.0	258.9	256.9	254.9	253.0	251.6	249.9	248.8	247.6	246.7	247.3
137.5°	261.4	259.5	257.2	255.5	253.6	252.1	250.4	249.2	248.1	247.2	247.9
140°	265.4	263.3	261.2	259.5	257.8	256.3	254.8	253.7	252.3	251.7	252.1
142.5°	268.5	266.9	264.9	263.3	261.7	260.3	259.1	258.1	256.9	256.3	256.8
145°	272.2	270.9	269.4	268.1	267.0	266.1	264.8	264.3	263.5	263.3	263.5
147.5°	275.0	274.1	272.9	272.1	271.0	270.4	269.7	269.2	268.7	268.4	268.6
150°	276.1	275.5	274.8	274.2	273.5	273.2	272.8	272.5	272.2	272.1	272.2
152.5°	276.1	275.8	275.1	274.7	274.2	274.0	273.6	273.6	273.4	273.3	273.4
155°	275.1	274.9	274.7	274.7	274.5	274.8	274.6	274.9	274.8	275.1	275.2
157.5°	275.9	276.1	276.0	276.2	276.3	276.6	276.7	277.2	277.2	277.7	278.0
160°	278.1	278.2	278.2	278.5	278.6	278.7	279.0	279.3	279.5	279.7	280.1
162.5°	280.2	280.6	280.8	281.1	281.5	281.8	282.3	282.8	283.1	283.7	284.2
165°	284.8	284.9	284.9	285.0	285.3	285.5	285.7	286.2	286.4	286.9	287.4
167.5°	289.0	289.2	289.2	289.4	289.7	290.0	290.2	290.8	291.2	291.9	292.2
170°	294.7	294.7	294.7	294.7	294.7	295.0	295.2	295.2	295.4	295.8	296.1
172.5°	300.7	300.7	300.4	300.7	300.4	300.7	300.7	300.9	300.9	301.1	301.2
175°	304.3	304.7	304.8	305.0	304.9	305.0	305.1	305.2	305.3	305.6	305.6
177.5°	307.7	307.8	307.8	307.8	307.8	308.0	308.0	308.0	308.0	307.8	307.9
180°	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2



TEST NUMBER: P1444547
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CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	40181.0	40160.8	40181.4	40160.5	40181.4	40156.3	40173.3	40146.3	40153.1	40125.0	40132.3
5°	41700.3	41668.2	41685.2	41643.6	41648.0	41592.4	41591.4	41526.7	41509.6	41435.9	41403.6
7.5°	42928.8	42918.3	42924.2	42897.4	42894.4	42856.3	42838.3	42784.8	42751.0	42683.3	42636.9
10°	42734.3	42765.6	42773.7	42805.6	42812.2	42843.8	42850.5	42882.1	42888.7	42912.1	42912.4
12.5°	40789.2	40895.6	40921.0	41052.4	41107.6	41257.9	41338.6	41504.2	41602.5	41767.7	41869.2
15°	37042.1	37226.0	37299.4	37556.0	37697.9	37997.3	38185.5	38529.3	38772.0	39137.2	39397.6
17.5°	31884.9	32142.0	32258.1	32605.9	32832.8	33274.7	33593.4	34117.6	34519.1	35101.7	35563.5
20°	26166.0	26451.7	26609.2	27006.1	27273.9	27790.3	28187.9	28832.2	29369.5	30107.9	30739.2
22.5°	20633.3	20905.3	21080.1	21483.9	21785.3	22324.0	22768.4	23448.4	24050.5	24882.4	25639.5
25°	15842.5	16091.7	16249.8	16614.9	16898.1	17393.0	17817.5	18471.5	19060.5	19895.1	20671.2
27.5°	12111.4	12320.1	12472.5	12783.9	13033.5	13453.3	13817.9	14358.4	14865.9	15587.9	16279.1
30°	9272.3	9457.3	9605.5	9876.7	10108.3	10472.1	10792.7	11246.7	11666.8	12241.3	12791.2
32.5°	7085.6	7244.9	7377.0	7614.3	7824.4	8152.0	8440.8	8838.9	9199.4	9686.6	10139.0
35°	5402.4	5715.9	5693.7	6021.1	6073.7	6308.9	6566.6	6914.6	7233.9	7648.2	8033.2
37.5°	4193.2	4281.4	4375.7	4520.5	4672.5	4886.5	5104.2	5529.4	5685.3	5998.5	6317.2
40°	3381.4	3441.0	3503.3	3601.1	3707.6	3858.3	4016.8	4219.7	4427.5	4681.3	4940.7
42.5°	2858.6	2892.4	2932.0	2989.5	3055.2	3150.8	3256.9	3394.3	3538.9	3717.6	3900.0
45°	2554.1	2538.1	2549.8	2580.7	2620.3	2678.4	2745.3	2830.4	2924.6	3040.3	3163.6
47.5°	2270.1	2276.6	2280.1	2296.8	2318.1	2357.0	2397.6	2455.4	2567.1	2601.0	2668.2
50°	2082.6	2085.7	2084.6	2093.1	2103.9	2129.2	2155.6	2194.6	2233.7	2285.5	2334.9
52.5°	1925.4	1929.7	1929.2	1934.8	1940.5	1956.5	1973.2	2000.8	2026.4	2059.4	2087.7
55°	1801.3	1807.3	1809.6	1814.4	1817.1	1825.5	1832.1	1845.4	1856.2	1874.9	1892.1
57.5°	1705.8	1714.0	1717.8	1719.4	1716.0	1715.6	1713.4	1716.2	1718.5	1728.4	1738.1
60°	1630.6	1637.2	1638.3	1637.2	1631.1	1626.6	1619.6	1617.3	1616.2	1621.0	1626.3
62.5°	1552.0	1554.3	1552.7	1550.7	1543.7	1539.5	1532.1	1529.4	1527.0	1530.4	1533.1
65°	1443.1	1445.1	1443.1	1441.9	1435.6	1432.2	1426.0	1424.0	1420.4	1421.4	1420.7
67.5°	1354.7	1356.8	1355.1	1353.5	1349.1	1347.1	1342.5	1339.5	1335.3	1333.7	1330.7
70°	1266.6	1268.3	1265.7	1264.1	1259.1	1257.2	1252.9	1252.1	1248.7	1247.9	1244.5
72.5°	1165.3	1165.4	1161.9	1160.8	1157.1	1157.0	1155.3	1156.9	1156.8	1158.5	1157.7
75°	1061.5	1060.1	1055.7	1054.9	1052.1	1053.5	1051.6	1054.1	1054.4	1058.2	1058.6
77.5°	957.8	952.3	943.9	939.9	934.3	933.6	930.4	932.6	931.9	936.3	938.0
80°	826.6	819.9	809.2	804.0	797.4	796.4	793.4	796.4	794.9	800.1	803.7
82.5°	659.9	654.2	643.1	638.9	631.2	632.0	628.7	632.0	631.5	639.2	643.6
85°	488.1	484.3	472.9	462.7	451.4	444.8	438.3	437.1	435.2	438.3	440.9
87.5°	282.0	278.4	269.5	263.5	243.7	244.5	236.8	236.4	234.5	232.7	236.8
90°	39.2	44.0	42.4	46.6	45.6	50.6	50.0	54.8	53.2	57.7	57.1
92.5°	22.3	23.5	24.6	25.7	26.9	28.0	29.2	30.3	32.9	35.0	37.8
95°	29.6	30.8	32.2	33.5	34.9	36.2	37.5	38.9	42.6	46.2	49.8
97.5°	40.4	41.3	42.2	43.1	43.9	44.9	45.8	46.6	50.6	54.6	58.5
100°	51.1	51.8	52.5	53.2	53.9	54.6	55.4	56.0	63.9	71.5	79.0
102.5°	78.0	81.1	84.1	87.1	90.3	93.4	96.4	99.4	116.9	134.3	151.6
105°	141.4	149.6	158.1	166.4	174.7	183.0	191.4	199.6	227.7	255.4	283.5
107.5°	255.3	268.4	281.5	294.8	307.9	321.0	334.1	347.4	374.6	401.9	429.3
110°	386.3	399.0	411.4	424.0	436.4	449.1	461.6	474.4	490.9	507.3	523.9



TEST NUMBER: P1444547
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	480.4	486.5	492.8	498.9	505.2	511.5	517.8	524.1	532.5	540.8	549.3
115°	509.6	510.0	510.7	511.2	511.9	512.3	513.2	513.9	516.9	519.8	522.8
117.5°	487.1	483.9	480.8	477.6	474.5	471.7	468.8	466.0	465.9	465.7	465.9
120°	440.7	436.3	432.1	427.7	423.7	419.7	415.9	412.0	410.3	408.8	407.3
122.5°	384.8	380.6	376.4	372.4	368.5	364.7	361.0	357.3	356.4	355.7	354.9
125°	333.1	329.7	326.3	323.1	320.1	317.2	314.4	311.5	312.2	312.9	313.9
127.5°	292.4	290.6	288.8	287.0	285.7	284.2	282.9	281.6	283.6	285.5	287.5
130°	266.2	265.6	265.3	264.7	264.9	264.7	264.8	264.8	267.6	270.1	272.9
132.5°	252.9	253.1	253.6	254.1	254.9	255.7	256.9	257.7	260.7	263.4	266.5
135°	247.8	248.5	249.6	250.5	251.9	253.1	254.6	255.9	259.0	261.5	264.5
137.5°	248.8	249.6	250.7	251.9	253.6	254.8	256.6	258.0	260.4	262.8	265.2
140°	253.0	253.6	254.7	255.8	257.0	258.2	259.9	261.0	263.3	265.2	267.1
142.5°	257.7	258.2	259.3	260.2	261.5	262.6	263.9	265.0	266.6	268.1	270.0
145°	264.2	264.7	265.7	266.4	267.4	268.4	269.5	270.4	271.8	272.8	274.0
147.5°	269.2	269.6	270.3	271.1	272.0	272.7	273.4	274.1	275.3	276.1	277.1
150°	272.7	272.9	273.4	273.9	274.7	275.4	276.1	276.6	277.4	278.1	279.2
152.5°	274.0	274.2	274.7	275.2	275.8	276.2	276.8	277.4	278.3	278.8	279.6
155°	275.7	276.2	276.8	277.3	278.0	278.3	279.1	279.4	280.2	280.8	281.6
157.5°	278.6	278.9	279.6	279.9	280.7	281.1	281.7	282.2	282.8	283.3	283.9
160°	280.8	281.6	282.1	282.6	283.3	283.9	284.6	285.3	285.8	286.3	286.9
162.5°	284.8	285.4	285.9	286.3	286.9	287.5	288.0	288.6	289.4	289.8	290.6
165°	288.1	288.7	289.4	289.8	290.7	291.4	292.0	292.6	293.0	293.6	294.1
167.5°	292.9	293.3	294.2	294.6	295.2	295.8	296.5	297.0	297.6	297.9	298.4
170°	296.6	297.2	297.8	298.2	298.7	299.1	299.8	300.2	300.9	301.3	301.9
172.5°	301.6	301.9	302.3	302.4	302.8	303.4	303.8	304.0	304.6	304.9	305.3
175°	305.6	305.6	305.7	305.9	306.0	306.0	306.2	306.5	306.6	306.8	306.9
177.5°	308.0	308.0	308.1	308.2	308.3	308.4	308.5	308.6	308.6	308.6	308.6
180°	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2



TEST NUMBER: P1444547
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CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	40104.2	40105.9	40073.5	40071.8	40041.5	40037.7	40008.1	39999.2	39975.2	39966.5	39942.1
5°	41320.9	41281.5	41190.4	41136.9	41046.9	40987.3	40890.0	40826.4	40732.5	40661.6	40567.0
7.5°	42551.5	42490.3	42388.1	42305.3	42180.4	42080.7	41934.6	41815.0	41656.7	41519.7	41353.5
10°	42912.4	42903.0	42877.0	42839.0	42780.9	42715.7	42616.2	42512.5	42373.9	42223.2	42038.5
12.5°	42024.4	42120.3	42251.0	42328.5	42422.8	42464.1	42502.8	42493.1	42467.6	42391.5	42284.7
15°	39774.9	40044.3	40401.1	40677.6	40995.7	41226.9	41482.3	41641.4	41800.0	41873.3	41918.1
17.5°	36196.4	36706.6	37346.4	37876.6	38488.3	38979.6	39518.2	39923.7	40340.7	40639.4	40909.5
20°	31599.9	32339.1	33243.9	34043.3	34972.7	35780.4	36665.6	37392.2	38141.6	38727.6	39282.1
22.5°	26614.2	27492.1	28586.1	29599.4	30797.7	31874.5	33089.5	34146.9	35251.0	36173.4	37065.3
25°	21711.6	22674.4	23870.6	25001.2	26358.2	27610.8	29051.7	30369.7	31796.7	33035.6	34259.6
27.5°	17234.9	18180.1	19401.3	20604.8	22039.8	23374.4	24918.4	26370.4	27995.3	29493.6	31026.5
30°	13555.4	14357.1	15452.1	16617.7	18033.1	19391.2	20951.8	22445.3	24135.6	25771.6	27498.1
32.5°	10739.5	11350.3	12211.1	13196.8	14502.7	15795.6	17281.6	18723.3	20387.8	22040.5	23836.2
35°	8529.2	9005.5	9661.9	10431.1	11536.9	12651.5	13965.8	15276.9	16829.8	18398.1	20143.4
37.5°	6725.7	7112.2	7626.3	8204.1	9091.1	10005.7	11083.5	12170.4	13519.8	14909.9	16491.7
40°	5252.0	5565.0	5965.2	6396.1	7065.9	7770.6	8604.1	9447.0	10531.1	11667.2	12976.3
42.5°	4125.8	4356.8	4639.4	4954.4	5579.3	5953.4	6518.7	7128.3	7925.2	8750.0	9734.2
45°	3313.4	3470.9	3667.0	3878.2	4168.2	4485.7	4872.7	5278.6	6035.8	6407.2	7005.7
47.5°	2767.0	2872.8	2997.5	3130.6	3301.7	3486.3	3715.9	3950.5	4254.1	4568.8	4937.6
50°	2399.0	2506.6	2549.4	2618.4	2717.4	2822.8	2952.2	3081.6	3244.4	3409.5	3599.3
52.5°	2126.0	2161.0	2207.5	2251.5	2312.7	2432.8	2471.6	2539.2	2630.6	2719.9	2819.6
55°	1917.4	1940.2	1970.5	1996.9	2034.1	2069.5	2120.7	2165.6	2226.5	2280.4	2346.6
57.5°	1755.0	1769.6	1790.6	1808.0	1832.0	1852.0	1881.9	1906.4	1941.4	1971.8	2012.0
60°	1637.1	1646.8	1660.9	1672.2	1687.5	1698.0	1712.8	1724.3	1742.8	1758.3	1780.6
62.5°	1540.7	1545.8	1555.0	1561.7	1571.4	1576.6	1584.6	1589.6	1599.7	1607.5	1620.0
65°	1425.1	1426.3	1432.5	1435.3	1443.0	1445.7	1452.2	1454.5	1463.0	1468.7	1479.7
67.5°	1330.4	1327.8	1327.9	1325.8	1326.7	1324.5	1325.2	1322.8	1326.1	1327.9	1336.3
70°	1243.9	1240.2	1239.1	1235.1	1233.9	1229.9	1228.7	1225.0	1224.5	1223.4	1226.3
72.5°	1159.7	1158.7	1159.0	1156.2	1155.9	1153.1	1153.2	1151.4	1153.4	1154.2	1158.0
75°	1062.8	1063.1	1064.9	1062.5	1063.2	1060.9	1061.7	1059.5	1060.7	1060.3	1064.1
77.5°	944.8	947.6	952.7	951.7	953.3	950.7	951.9	948.8	949.6	947.6	949.1
80°	812.2	818.1	825.0	824.7	827.6	825.6	828.3	825.3	826.6	823.0	822.1
82.5°	654.6	659.6	667.0	667.3	673.8	675.0	682.1	681.8	686.4	683.5	681.4
85°	447.6	451.0	457.4	461.0	467.6	471.6	478.6	481.4	476.4	485.5	478.3
87.5°	233.7	242.4	237.6	248.8	246.2	257.6	255.2	265.8	263.7	272.9	271.7
90°	63.1	63.0	69.4	69.8	77.6	78.9	84.5	82.6	88.0	86.5	91.7
92.5°	40.0	42.8	45.3	47.8	50.2	52.9	50.4	48.1	45.9	43.7	41.2
95°	53.5	57.1	60.8	64.5	68.1	71.8	67.9	64.0	60.1	56.1	52.3
97.5°	62.4	66.3	70.3	74.2	78.3	82.2	77.6	72.9	68.4	63.8	59.1
100°	86.6	94.3	101.9	109.5	117.2	124.8	116.3	107.6	99.2	90.6	81.8
102.5°	169.3	186.7	204.2	221.8	239.1	256.6	238.4	220.4	202.0	183.7	165.4
105°	311.3	339.4	367.2	395.2	423.0	451.4	421.7	392.1	362.5	333.1	303.3
107.5°	456.6	483.7	511.3	538.5	565.9	593.4	563.5	533.5	503.7	473.7	443.6
110°	540.6	557.0	573.6	590.4	606.9	623.7	601.8	580.1	558.4	536.6	514.8



TEST NUMBER: P1444547
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	557.7	566.5	574.8	583.5	592.0	600.6	585.3	569.9	554.4	539.1	523.6
115°	526.0	528.9	532.0	535.2	538.2	541.3	531.2	521.1	510.8	500.6	490.1
117.5°	466.0	466.2	466.2	466.7	466.5	466.7	461.2	455.8	450.3	444.7	439.1
120°	405.7	404.2	402.8	401.3	399.7	398.0	396.2	394.3	392.2	390.1	387.9
122.5°	354.1	353.5	352.7	352.0	351.0	350.2	349.8	349.6	349.1	348.7	348.1
125°	314.5	315.4	316.1	316.9	317.6	318.2	318.3	318.6	318.6	318.9	318.8
127.5°	289.1	291.2	292.8	294.8	296.3	298.2	298.5	299.4	299.8	300.3	300.8
130°	275.4	278.2	280.6	283.0	285.4	288.1	288.4	288.8	289.3	289.7	290.1
132.5°	269.4	272.2	274.9	277.9	280.4	283.1	283.5	284.0	284.1	284.7	285.0
135°	267.2	269.8	272.4	275.3	277.5	280.1	280.4	280.8	280.8	281.4	281.6
137.5°	267.2	269.8	271.9	274.1	276.1	278.4	278.5	278.9	278.9	279.4	279.5
140°	269.0	271.0	272.7	274.6	276.3	278.2	278.2	278.4	278.3	278.4	278.3
142.5°	271.5	273.0	274.4	276.1	277.3	278.9	278.4	278.2	278.0	277.8	277.5
145°	275.2	276.4	277.5	278.7	279.3	280.6	280.0	279.7	279.1	278.8	278.3
147.5°	277.9	278.8	279.3	280.3	280.7	281.7	281.1	280.6	280.1	279.4	278.9
150°	279.6	280.5	281.1	281.8	282.3	283.1	282.4	281.8	281.0	280.3	279.7
152.5°	280.3	280.9	281.5	282.0	282.5	283.0	282.3	281.9	281.0	280.2	279.4
155°	281.9	282.5	282.8	283.4	283.6	284.0	283.2	282.9	282.3	281.6	280.8
157.5°	284.3	284.9	285.4	285.7	285.9	286.4	285.9	285.6	285.0	284.6	284.0
160°	287.3	287.8	288.2	288.5	288.9	289.0	288.7	288.6	288.2	287.7	287.1
162.5°	291.0	291.6	292.0	292.3	292.9	293.3	292.9	292.5	292.0	291.7	291.0
165°	294.5	295.0	295.4	295.8	296.0	296.4	296.1	296.0	295.5	295.3	295.0
167.5°	298.7	299.4	299.7	300.1	300.3	300.6	300.2	300.3	299.8	299.5	299.0
170°	302.2	302.5	303.0	303.4	303.7	303.9	303.8	303.7	303.3	303.0	302.7
172.5°	305.7	306.0	306.1	306.5	306.6	307.0	306.8	306.5	306.2	305.8	305.5
175°	306.9	307.1	307.4	307.4	307.4	307.5	307.2	306.9	306.7	306.4	306.1
177.5°	308.6	308.6	308.6	308.5	308.5	308.5	308.3	308.1	308.0	307.8	307.5
180°	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2



TEST NUMBER: P1444547
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39933.4	39916.1	39904.9	39890.7	39881.9	39870.9	39862.8	39855.9	39850.3	39845.2	39841.3
5°	40494.9	40405.6	40336.4	40261.3	40199.8	40138.3	40090.9	40051.6	40024.6	40004.3	39992.3
7.5°	41209.8	41046.4	40901.2	40748.2	40611.1	40476.3	40360.1	40259.9	40184.7	40136.1	40106.5
10°	41848.3	41629.6	41413.3	41185.6	40969.7	40760.3	40567.0	40397.0	40262.4	40173.0	40120.8
12.5°	42134.6	41948.2	41727.3	41480.1	41215.5	40947.7	40686.9	40451.6	40254.1	40121.5	40045.0
15°	41882.5	41806.0	41656.0	41464.2	41213.1	40936.3	40630.0	40342.0	40077.1	39905.3	39805.7
17.5°	41062.5	41169.3	41157.8	41084.5	40903.9	40671.0	40358.8	40035.3	39704.0	39474.4	39348.9
20°	39678.8	40014.5	40184.7	40272.1	40201.2	40050.2	39767.5	39439.2	39053.0	38753.3	38570.3
22.5°	37734.3	38327.0	38696.2	38966.4	39023.7	38972.3	38722.7	38410.4	37980.0	37619.6	37349.5
25°	35231.2	36099.3	36683.0	37140.4	37318.2	37364.0	37151.7	36841.2	36361.2	35941.5	35570.4
27.5°	32282.7	33410.8	34190.1	34804.8	35082.3	35202.6	35007.2	34690.4	34122.7	33621.6	33136.9
30°	28963.4	30301.8	31240.0	31977.1	32315.4	32474.4	32266.7	31913.2	31252.5	30649.5	30038.8
32.5°	25410.7	26875.3	27897.6	28698.1	29033.3	29182.9	28911.3	28514.1	27750.5	27040.2	26328.0
35°	21691.1	23169.4	24200.3	24979.6	25260.4	25350.6	25003.2	24544.2	23698.2	22918.5	22142.1
37.5°	17895.7	19271.0	20208.0	20907.3	21081.2	21096.7	20678.2	20171.2	19282.0	18513.3	17740.3
40°	14133.1	15292.9	16049.4	16609.2	16669.5	16615.7	16160.7	15650.4	14818.6	14129.9	13451.3
42.5°	10588.9	11464.4	12004.2	12387.8	12365.0	12258.6	11841.4	11402.8	10716.5	10192.0	9657.9
45°	7552.6	8129.8	8445.4	8669.9	8597.8	8496.5	8171.8	7864.3	7398.0	7059.1	6700.3
47.5°	5246.9	5936.2	5816.2	6255.0	5877.0	6126.6	5606.6	5319.9	5072.5	4892.4	4689.6
50°	3756.3	3914.3	3990.6	4042.6	4015.0	3976.6	3883.2	3799.7	3686.6	3604.2	3508.2
52.5°	2900.9	2979.8	3023.1	3054.4	3048.3	3034.3	2993.5	2956.4	2903.4	2868.5	2826.4
55°	2457.2	2458.4	2537.9	2503.8	2554.3	2495.1	2518.4	2452.9	2463.5	2407.3	2369.6
57.5°	2041.8	2074.2	2088.8	2102.9	2098.9	2096.4	2080.6	2072.8	2054.9	2049.5	2036.8
60°	1796.0	1813.0	1816.5	1823.0	1817.6	1815.5	1803.1	1798.7	1786.8	1784.6	1776.2
62.5°	1627.5	1636.2	1636.2	1636.2	1629.2	1622.4	1608.7	1601.5	1591.3	1589.1	1584.3
65°	1486.9	1495.9	1497.4	1499.2	1494.1	1488.9	1476.7	1469.0	1458.5	1454.5	1449.0
67.5°	1341.8	1351.4	1354.6	1359.4	1356.5	1355.4	1347.2	1344.1	1337.2	1335.6	1330.4
70°	1227.7	1231.7	1231.4	1231.3	1224.8	1219.1	1209.5	1204.9	1197.8	1196.3	1191.6
72.5°	1160.0	1162.8	1161.0	1158.5	1150.2	1141.6	1130.4	1122.1	1112.7	1106.9	1100.2
75°	1064.5	1068.2	1065.8	1064.3	1056.7	1051.2	1042.1	1037.6	1031.0	1029.1	1024.5
77.5°	947.3	949.1	945.3	944.8	939.1	935.6	928.8	927.6	922.8	922.9	918.5
80°	816.8	815.8	809.6	808.5	802.7	801.3	796.0	796.3	792.5	794.0	790.9
82.5°	672.1	668.5	660.4	658.0	651.4	650.8	647.3	650.2	647.9	651.4	649.4
85°	481.7	482.7	479.2	479.2	477.2	477.8	477.5	479.8	480.1	483.3	483.2
87.5°	268.6	272.4	271.7	275.2	275.0	279.0	280.3	286.2	286.9	292.3	292.3
90°	90.3	96.2	94.5	100.5	100.2	106.5	107.1	113.3	113.3	118.7	117.4
92.5°	38.9	36.7	34.5	32.0	30.8	29.4	28.8	27.1	26.2	24.7	23.6
95°	48.3	44.4	40.4	36.6	35.2	33.7	32.5	31.1	29.8	28.4	27.1
97.5°	54.5	49.9	45.3	40.6	39.5	38.3	37.0	35.9	34.7	33.5	32.4
100°	73.2	64.6	56.1	47.3	46.3	45.4	44.4	43.4	42.4	41.2	40.2
102.5°	147.3	128.9	110.5	92.2	88.7	85.2	81.8	78.2	74.7	71.2	67.8
105°	273.7	244.1	214.4	184.6	175.2	165.7	156.3	146.8	137.3	127.9	118.5
107.5°	413.5	383.4	353.2	323.1	305.8	288.4	270.9	253.3	236.0	218.4	200.9
110°	493.0	471.1	449.2	427.1	413.3	399.3	385.2	371.2	357.1	343.0	328.9



TEST NUMBER: P1444547
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	508.0	492.5	476.9	461.1	454.9	448.5	442.4	436.0	429.6	423.1	416.8
115°	479.8	469.4	458.9	448.3	446.4	444.2	442.2	439.9	438.0	435.7	433.4
117.5°	433.5	427.9	422.1	416.5	417.0	417.6	418.3	418.7	419.2	419.5	419.7
120°	385.7	383.6	381.5	379.3	381.6	383.8	386.1	387.9	390.1	391.8	393.8
122.5°	347.8	347.1	346.7	345.9	348.8	351.5	354.0	356.6	359.1	361.2	363.5
125°	319.1	318.9	319.0	318.8	321.9	324.6	327.3	329.8	332.3	334.4	336.7
127.5°	301.4	301.7	302.4	302.6	305.1	306.9	309.1	310.9	312.8	314.3	315.9
130°	290.5	290.8	291.3	291.6	293.7	295.7	297.9	299.4	301.2	302.4	303.9
132.5°	285.5	285.7	286.0	286.2	288.1	289.6	291.4	292.4	293.8	294.6	295.5
135°	282.1	282.1	282.5	282.5	284.2	285.9	287.3	288.5	289.8	290.5	291.3
137.5°	279.9	279.9	280.2	280.3	281.9	283.3	284.6	285.7	286.8	287.8	288.4
140°	278.6	278.4	278.7	278.5	280.0	281.2	282.5	283.4	284.6	285.1	285.8
142.5°	277.3	276.8	276.9	276.4	277.6	278.5	279.4	280.3	281.0	281.6	282.0
145°	277.8	277.1	276.8	276.2	277.1	277.9	278.7	279.3	279.8	280.1	280.4
147.5°	278.6	277.8	277.1	276.5	277.4	277.9	278.4	278.8	279.3	279.4	279.6
150°	279.0	278.0	277.2	276.4	276.9	277.3	277.6	278.1	278.4	278.4	278.6
152.5°	278.6	277.8	276.9	276.0	276.3	276.5	276.7	276.7	276.8	276.9	276.9
155°	280.2	279.3	278.6	277.6	278.0	278.0	278.1	278.1	277.9	277.8	277.7
157.5°	283.3	282.5	282.1	281.2	281.2	281.1	281.1	280.6	280.4	280.1	279.7
160°	286.7	286.0	285.6	284.8	284.6	284.4	284.4	283.9	283.7	283.2	282.8
162.5°	290.4	289.8	288.9	288.3	288.1	288.0	287.8	287.3	287.0	286.5	286.1
165°	294.6	294.0	293.6	292.8	292.6	292.3	292.2	291.7	291.4	290.7	290.3
167.5°	298.6	298.2	297.7	296.9	296.8	296.8	296.6	296.2	295.9	295.4	295.2
170°	302.3	301.8	301.6	301.0	300.7	300.6	300.3	300.0	299.5	299.2	298.7
172.5°	305.0	304.7	304.2	303.5	303.5	303.3	303.0	302.9	302.4	302.1	302.0
175°	305.7	305.5	304.9	304.7	304.5	304.4	304.2	304.1	303.8	303.6	303.3
177.5°	307.3	307.1	306.6	306.4	306.3	306.3	306.1	306.0	306.0	305.8	305.7
180°	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2



TEST NUMBER: P1444547
CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	39684.1	39684.1
2.5°	39837.8	39835.8
5°	39985.9	39983.6
7.5°	40098.5	40097.9
10°	40111.8	40118.7
12.5°	40031.8	40037.4
15°	39798.1	39809.0
17.5°	39351.3	39365.5
20°	38581.5	38596.4
22.5°	37334.9	37341.0
25°	35522.5	35496.7
27.5°	33051.6	33007.4
30°	29910.7	29867.8
32.5°	26165.7	26138.9
35°	21950.1	21933.2
37.5°	17511.8	17477.4
40°	13203.1	13102.9
42.5°	9424.0	9248.0
45°	6512.8	6304.2
47.5°	4546.6	4417.7
50°	3446.2	3404.6
52.5°	2808.1	2798.4
55°	2369.4	2365.1
57.5°	2039.6	2038.1
60°	1780.6	1780.2
62.5°	1587.6	1588.2
65°	1451.5	1451.8
67.5°	1331.8	1330.9
70°	1193.3	1192.3
72.5°	1098.1	1096.4
75°	1024.5	1023.5
77.5°	919.8	918.2
80°	793.1	790.9
82.5°	652.3	649.9
85°	486.6	486.7
87.5°	297.7	297.6
90°	122.6	120.5
92.5°	22.7	21.8
95°	25.8	24.4
97.5°	31.2	30.1
100°	39.3	38.3
102.5°	64.3	60.8
105°	109.0	99.6
107.5°	183.5	166.0
110°	314.8	300.8



TEST NUMBER: P1444547
CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL15

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	410.3	403.9
115°	430.7	428.4
117.5°	419.9	420.0
120°	395.3	397.1
122.5°	365.3	367.3
125°	338.6	340.5
127.5°	317.0	318.1
130°	304.5	305.6
132.5°	296.0	296.4
135°	291.7	292.0
137.5°	288.6	288.8
140°	285.8	286.1
142.5°	282.1	282.2
145°	280.6	280.6
147.5°	279.3	279.3
150°	278.4	278.3
152.5°	276.5	276.4
155°	277.3	277.0
157.5°	279.1	278.8
160°	282.3	281.9
162.5°	285.6	285.2
165°	289.5	288.9
167.5°	294.6	294.4
170°	298.4	298.1
172.5°	301.6	301.3
175°	303.2	303.0
177.5°	305.7	305.4
180°	307.2	307.2

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



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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-3

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L835-N

Data in this report applies to families of products including EHBR-60-L835-N

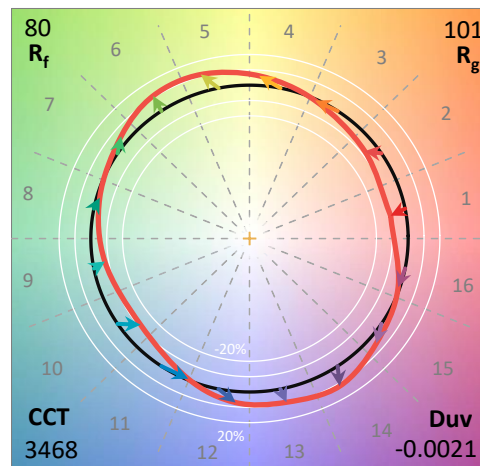
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-472-3
 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-L835-N**
 Description: Elevate Round Highbay at, 60000 lumens, 3500K 80CRI LEDs with N lens

Spectral Parameters

CCT (K): 3468
 CIE u': 0.2375
 CIE v': 0.5091
 Duv: -0.0021
 CIE x: 0.4049
 CIE y: 0.3856
 CIE z: 0.2095
 Peak Wavelength (nm): 630
 Dominant Wavelength (nm): 581
 Purity: 37.24544
 R_f: 80.1
 R_g: 101

CRI (Ra):	82.1		
R1:	82.9	R9:	27.6
R2:	85.6	R10:	63.8
R3:	85.9	R11:	81.2
R4:	82.8	R12:	57.2
R5:	81.0	R13:	82.6
R6:	79.7	R14:	91.0
R7:	86.5	R15:	79.4
R8:	72.1		



Test Conditions

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

REPORT NUMBER: SP1-2506-472-3

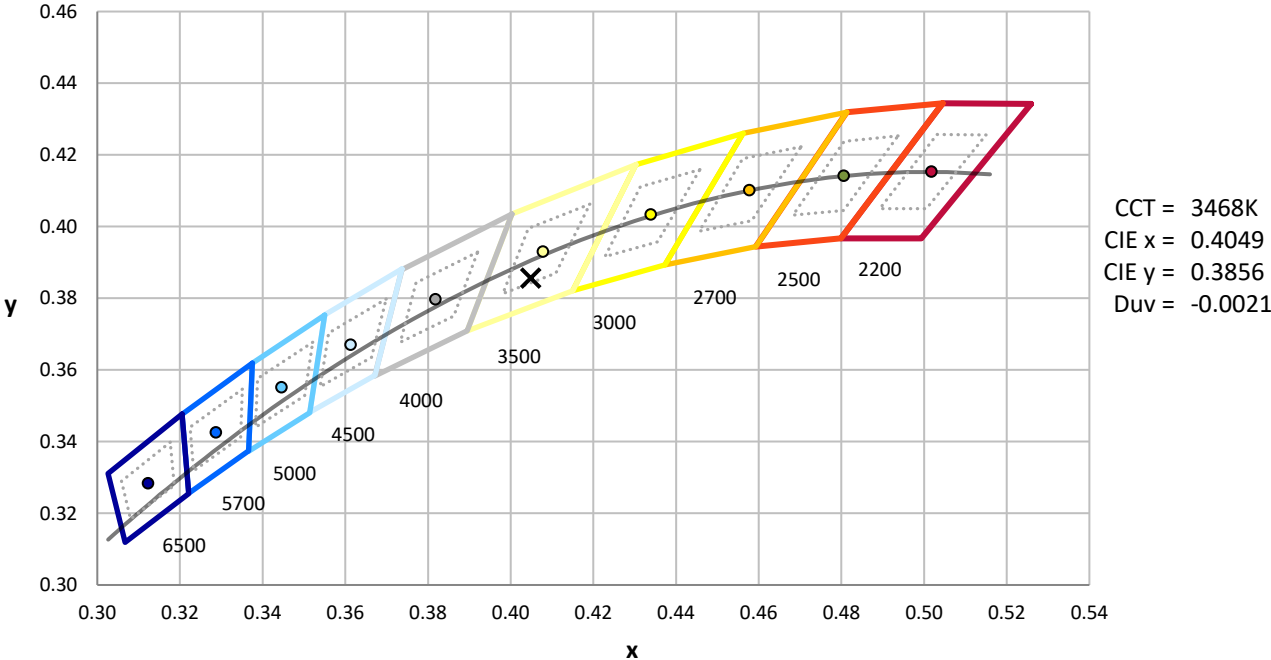
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	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: SP1-2506-472-3

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-3

Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	60	NR	620	327	NR	750	7	NR	880	0	NR
365	0	NR	495	82	NR	625	322	NR	755	6	NR	885	0	NR
370	0	NR	500	114	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	152	NR	635	645	NR	765	4	NR	895	0	NR
380	0	NR	510	189	NR	640	197	NR	770	4	NR	900	0	NR
385	1	NR	515	222	NR	645	189	NR	775	3	NR	905	0	NR
390	2	NR	520	248	NR	650	163	NR	780	3	NR	910	0	NR
395	3	NR	525	268	NR	655	134	NR	785	2	NR	915	0	NR
400	4	NR	530	283	NR	660	113	NR	790	2	NR	920	0	NR
405	6	NR	535	294	NR	665	94	NR	795	2	NR	925	0	NR
410	9	NR	540	305	NR	670	87	NR	800	2	NR	930	0	NR
415	18	NR	545	314	NR	675	70	NR	805	1	NR	935	0	NR
420	34	NR	550	323	NR	680	60	NR	810	1	NR	940	0	NR
425	62	NR	555	335	NR	685	51	NR	815	1	NR	945	0	NR
430	102	NR	560	346	NR	690	44	NR	820	1	NR	950	0	NR
435	159	NR	565	356	NR	695	38	NR	825	1	NR	955	0	NR
440	241	NR	570	364	NR	700	32	NR	830	1	NR	960	0	NR
445	363	NR	575	371	NR	705	28	NR	835	1	NR	965	0	NR
450	389	NR	580	375	NR	710	24	NR	840	1	NR	970	0	NR
455	245	NR	585	375	NR	715	20	NR	845	0	NR	975	0	NR
460	158	NR	590	373	NR	720	17	NR	850	0	NR	980	0	NR
465	120	NR	595	364	NR	725	15	NR	855	0	NR	985	0	NR
470	79	NR	600	357	NR	730	13	NR	860	0	NR	990	0	NR
475	57	NR	605	349	NR	735	11	NR	865	0	NR	995	0	NR
480	51	NR	610	371	NR	740	9	NR	870	0	NR	1000	0	NR
485	51	NR	615	387	NR	745	8	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-3

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.43

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	60	NR	620	327	NR	750	7	NR	880	0	NR
365	0	NR	495	82	NR	625	322	NR	755	6	NR	885	0	NR
370	0	NR	500	114	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	152	NR	635	645	NR	765	4	NR	895	0	NR
380	0	NR	510	189	NR	640	197	NR	770	4	NR	900	0	NR
385	1	NR	515	222	NR	645	189	NR	775	3	NR	905	0	NR
390	2	NR	520	248	NR	650	163	NR	780	3	NR	910	0	NR
395	3	NR	525	268	NR	655	134	NR	785	2	NR	915	0	NR
400	4	NR	530	283	NR	660	113	NR	790	2	NR	920	0	NR
405	6	NR	535	294	NR	665	94	NR	795	2	NR	925	0	NR
410	9	NR	540	305	NR	670	87	NR	800	2	NR	930	0	NR
415	18	NR	545	314	NR	675	70	NR	805	1	NR	935	0	NR
420	34	NR	550	323	NR	680	60	NR	810	1	NR	940	0	NR
425	62	NR	555	335	NR	685	51	NR	815	1	NR	945	0	NR
430	102	NR	560	346	NR	690	44	NR	820	1	NR	950	0	NR
435	159	NR	565	356	NR	695	38	NR	825	1	NR	955	0	NR
440	241	NR	570	364	NR	700	32	NR	830	1	NR	960	0	NR
445	363	NR	575	371	NR	705	28	NR	835	1	NR	965	0	NR
450	389	NR	580	375	NR	710	24	NR	840	1	NR	970	0	NR
455	245	NR	585	375	NR	715	20	NR	845	0	NR	975	0	NR
460	158	NR	590	373	NR	720	17	NR	850	0	NR	980	0	NR
465	120	NR	595	364	NR	725	15	NR	855	0	NR	985	0	NR
470	79	NR	600	357	NR	730	13	NR	860	0	NR	990	0	NR
475	57	NR	605	349	NR	735	11	NR	865	0	NR	995	0	NR
480	51	NR	610	371	NR	740	9	NR	870	0	NR	1000	0	NR
485	51	NR	615	387	NR	745	8	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-3

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.75

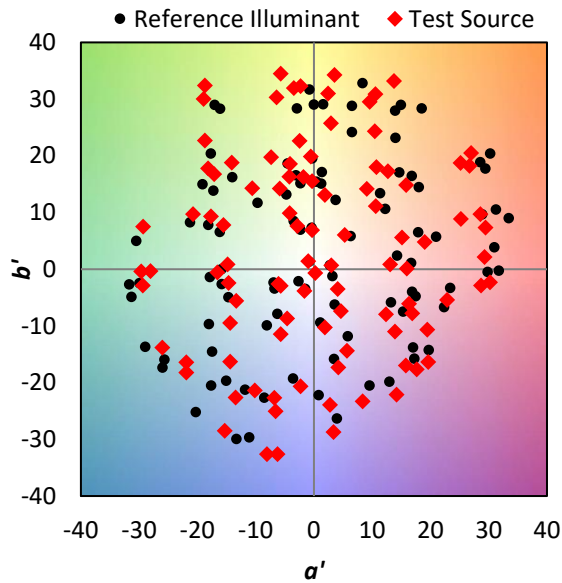
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	60	NR	620	327	NR	750	7	NR	880	0	NR
365	0	NR	495	82	NR	625	322	NR	755	6	NR	885	0	NR
370	0	NR	500	114	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	152	NR	635	645	NR	765	4	NR	895	0	NR
380	0	NR	510	189	NR	640	197	NR	770	4	NR	900	0	NR
385	1	NR	515	222	NR	645	189	NR	775	3	NR	905	0	NR
390	2	NR	520	248	NR	650	163	NR	780	3	NR	910	0	NR
395	3	NR	525	268	NR	655	134	NR	785	2	NR	915	0	NR
400	4	NR	530	283	NR	660	113	NR	790	2	NR	920	0	NR
405	6	NR	535	294	NR	665	94	NR	795	2	NR	925	0	NR
410	9	NR	540	305	NR	670	87	NR	800	2	NR	930	0	NR
415	18	NR	545	314	NR	675	70	NR	805	1	NR	935	0	NR
420	34	NR	550	323	NR	680	60	NR	810	1	NR	940	0	NR
425	62	NR	555	335	NR	685	51	NR	815	1	NR	945	0	NR
430	102	NR	560	346	NR	690	44	NR	820	1	NR	950	0	NR
435	159	NR	565	356	NR	695	38	NR	825	1	NR	955	0	NR
440	241	NR	570	364	NR	700	32	NR	830	1	NR	960	0	NR
445	363	NR	575	371	NR	705	28	NR	835	1	NR	965	0	NR
450	389	NR	580	375	NR	710	24	NR	840	1	NR	970	0	NR
455	245	NR	585	375	NR	715	20	NR	845	0	NR	975	0	NR
460	158	NR	590	373	NR	720	17	NR	850	0	NR	980	0	NR
465	120	NR	595	364	NR	725	15	NR	855	0	NR	985	0	NR
470	79	NR	600	357	NR	730	13	NR	860	0	NR	990	0	NR
475	57	NR	605	349	NR	735	11	NR	865	0	NR	995	0	NR
480	51	NR	610	371	NR	740	9	NR	870	0	NR	1000	0	NR
485	51	NR	615	387	NR	745	8	NR	875	0	NR			

Summary

$R_f = 80.1$
 $R_g = 101$
 $CIE R_a = 82.1$
 $R_9 = 27.6$

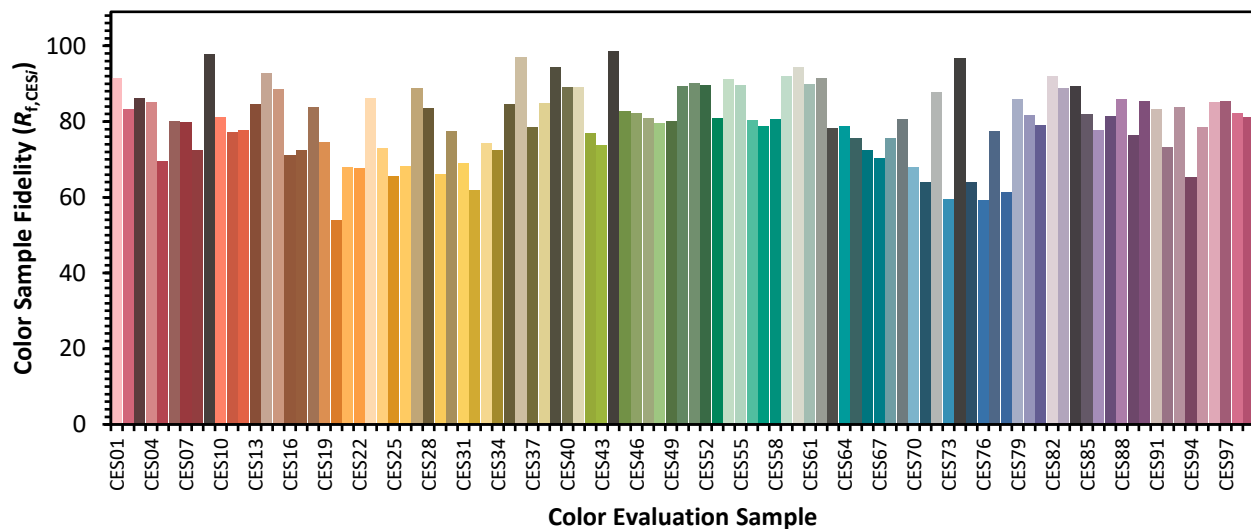


Color Vector Graphics

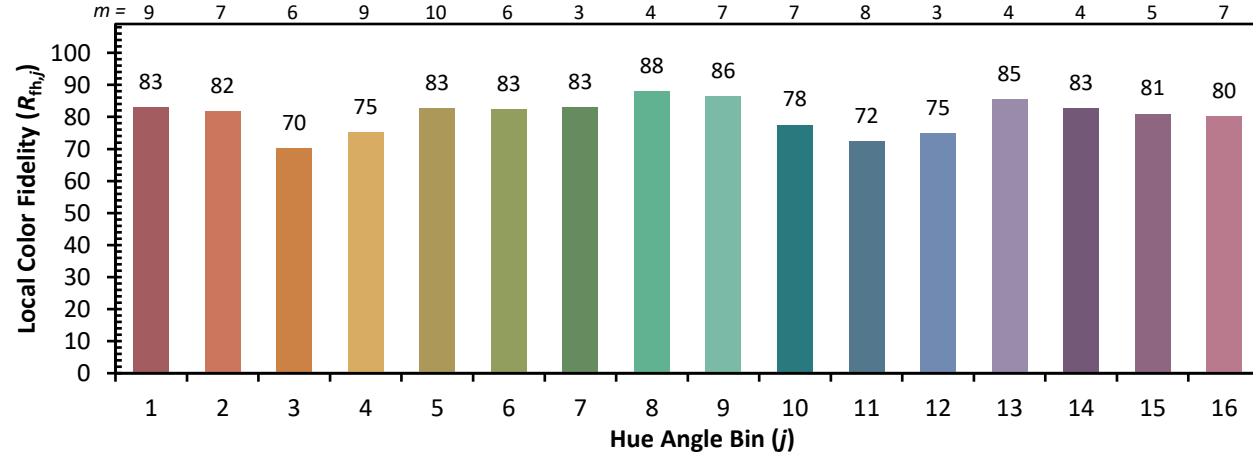


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 68	CES51 = 90	CES76 = 59
CES02 = 62	CES27 = 89	CES52 = 90	CES77 = 78
CES03 = 31	CES28 = 84	CES53 = 81	CES78 = 61
CES04 = 70	CES29 = 66	CES54 = 91	CES79 = 86
CES05 = 49	CES30 = 77	CES55 = 90	CES80 = 82
CES06 = 51	CES31 = 69	CES56 = 80	CES81 = 79
CES07 = 42	CES32 = 62	CES57 = 79	CES82 = 92
CES08 = 41	CES33 = 74	CES58 = 81	CES83 = 89
CES09 = 29	CES34 = 72	CES59 = 92	CES84 = 89
CES10 = 75	CES35 = 85	CES60 = 94	CES85 = 82
CES11 = 58	CES36 = 97	CES61 = 90	CES86 = 78
CES12 = 64	CES37 = 79	CES62 = 92	CES87 = 82
CES13 = 43	CES38 = 85	CES63 = 78	CES88 = 86
CES14 = 74	CES39 = 94	CES64 = 79	CES89 = 76
CES15 = 71	CES40 = 89	CES65 = 76	CES90 = 85
CES16 = 47	CES41 = 89	CES66 = 73	CES91 = 83
CES17 = 49	CES42 = 77	CES67 = 70	CES92 = 73
CES18 = 56	CES43 = 74	CES68 = 76	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 81	CES94 = 65
CES20 = 66	CES45 = 83	CES70 = 68	CES95 = 79
CES21 = 86	CES46 = 82	CES71 = 64	CES96 = 85
CES22 = 78	CES47 = 81	CES72 = 88	CES97 = 85
CES23 = 92	CES48 = 80	CES73 = 60	CES98 = 82
CES24 = 91	CES49 = 80	CES74 = 97	CES99 = 81
CES25 = 72	CES50 = 89	CES75 = 64	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)