

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: P1444619

Luminaire Tested: EHBR1-48-UNV-TA-L850-UPL15

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444619
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-L850-UPL15
Description: Elevate Round Highbay at, 48000 lumens, 5000K 80CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

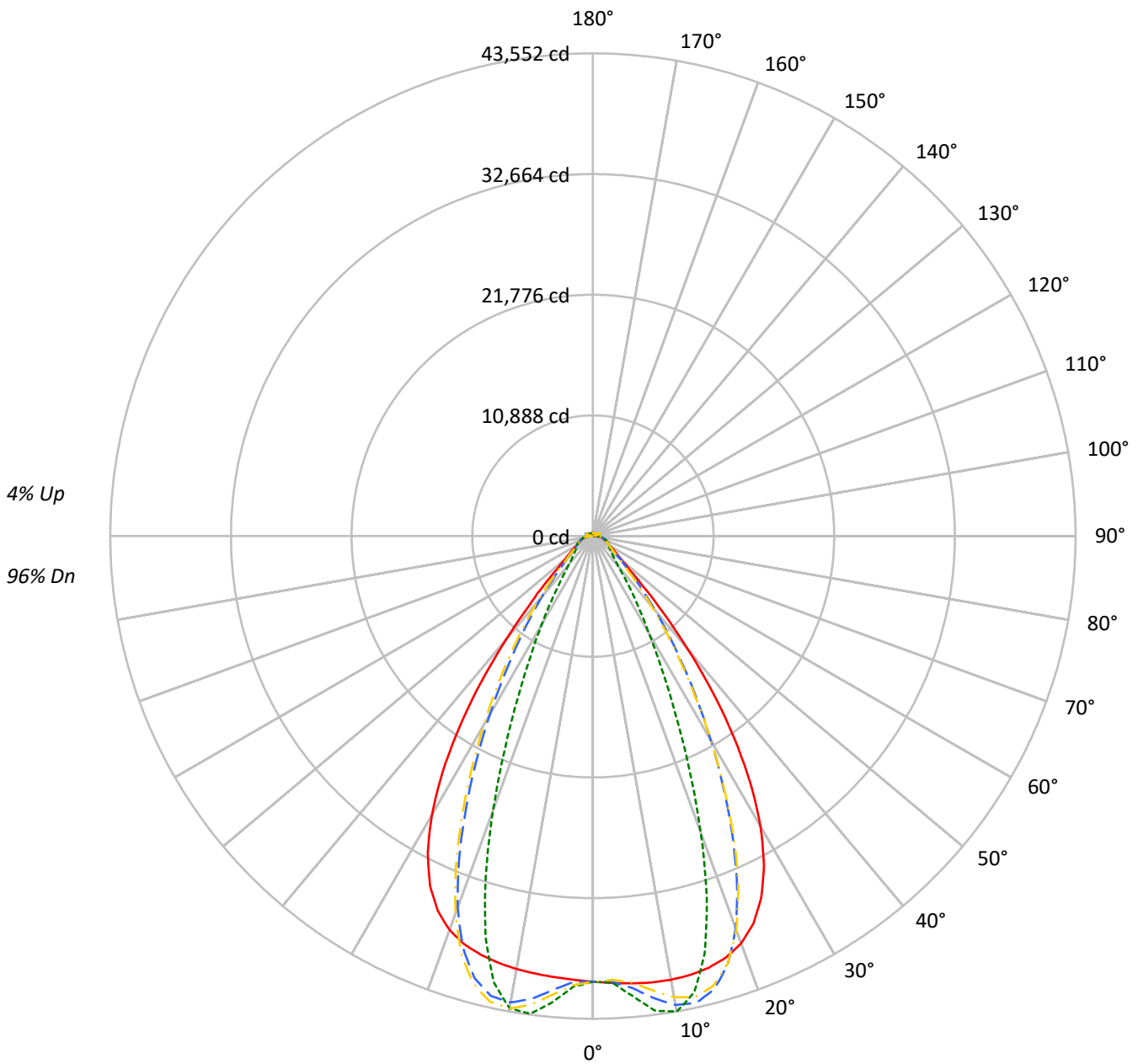
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 48005.9 lumens
Efficiency: N/A
Efficacy: 179.2 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	0
RCR																					
0	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	99	99	99	96
1	111	108	105	102	108	105	102	100	100	98	96	96	94	93	92	91	89	89	89	89	87
2	104	98	94	89	102	96	92	88	92	89	86	89	86	83	85	83	81	81	81	81	79
3	98	90	85	80	96	89	83	79	85	81	77	82	79	75	80	77	74	74	74	74	72
4	92	83	77	72	90	82	76	71	79	74	70	77	72	69	74	71	68	68	68	68	66
5	87	77	71	66	85	76	70	65	74	68	64	72	67	63	70	66	62	62	62	62	61
6	82	72	65	60	80	71	65	60	69	63	59	67	62	59	65	61	58	58	58	58	56
7	78	67	60	56	76	66	60	55	65	59	55	63	58	54	62	57	54	54	54	54	52
8	73	63	56	52	72	62	56	51	61	55	51	59	54	51	58	53	50	50	50	50	49
9	70	59	52	48	68	58	52	48	57	51	48	56	51	47	55	50	47	47	47	47	45
10	66	56	49	45	65	55	49	45	54	48	45	53	48	44	52	47	44	44	44	44	42

AVERAGE LUMINANCE (cd/sqm):

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

MAXIMUM LUMINANCE 45°-90°:

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



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3962.0	8.3
10°-20°	11145.6	23.2
20°-30°	12693.9	26.4
30°-40°	9123.8	19.0
40°-50°	4207.9	8.8
50°-60°	2013.6	4.2
60°-70°	1469.3	3.1
70°-80°	1116.2	2.3
80°-90°	510.3	1.1
90°-100°	54.9	0.1
100°-110°	266.7	0.6
110°-120°	491.7	1.0
120°-130°	313.6	0.7
130°-140°	218.3	0.5
140°-150°	175.2	0.4
150°-160°	130.7	0.3
160°-170°	83.0	0.2
170°-180°	29.3	0.1
0°-30°	27801.5	57.9
0°-40°	36925.3	76.9
0°-60°	43146.9	89.9
0°-90°	46242.6	96.3
90°-120°	813.3	1.7
90°-150°	1520.3	3.2
90°-180°	1763.0	3.7
0°-180°	48005.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	40202	40202	40202	40202	40202	
5°	40506	41687	39939	42233	40506	3871
15°	40329	38984	39101	37414	40329	11363
25°	35960	17483	34772	15863	35960	16302
35°	22220	6059	20941	5367	22220	13637
45°	6386	2610	6281	2567	6386	5432
55°	2396	1835	2307	1818	2396	2212
65°	1471	1512	1414	1460	1471	1469
75°	1037	1133	981	1083	1037	1078
85°	493	591	398	506	493	463
90°	122	158	27	36	122	78
95°	25	27	25	27	25	23
105°	101	126	70	126	101	132
115°	434	515	454	516	434	402
125°	345	343	388	345	345	314
135°	296	246	317	250	296	230
145°	284	261	300	267	284	179
155°	281	274	296	279	281	130
165°	293	287	302	291	293	83
175°	307	308	312	310	307	29
180°	311	311	311	311	311	



TEST NUMBER: P1444619
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL15

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40355.8	40352.5	40351.9	40349.2	40348.4	40348.4	40347.0	40343.7	40341.7	40337.1	40331.9
5°	40505.5	40503.8	40504.8	40505.1	40502.3	40496.0	40486.2	40474.1	40458.9	40444.6	40431.8
7.5°	40621.3	40624.2	40627.7	40626.9	40618.2	40603.5	40583.3	40572.0	40578.7	40600.6	40650.7
10°	40642.5	40659.7	40666.4	40664.4	40646.8	40634.1	40639.0	40681.7	40766.4	40879.5	41034.2
12.5°	40560.0	40581.3	40580.5	40573.5	40556.5	40573.8	40635.5	40762.3	40944.0	41167.1	41428.7
15°	40328.7	40356.1	40348.4	40339.2	40327.9	40384.7	40507.9	40728.1	41008.8	41323.4	41645.4
17.5°	39879.4	39912.5	39896.4	39886.2	39876.7	39983.1	40194.7	40517.1	40870.7	41226.5	41531.7
20°	39100.3	39122.5	39084.2	39066.1	39081.3	39289.8	39601.6	40013.4	40386.1	40722.5	40931.1
22.5°	37828.5	37856.1	37784.1	37775.8	37864.7	38184.8	38579.4	39039.8	39389.9	39656.5	39736.9
25°	35960.1	35987.3	35901.8	35952.9	36103.9	36540.1	37010.0	37502.4	37801.1	37998.8	37944.1
27.5°	33438.3	33463.1	33381.9	33486.3	33725.2	34298.1	34851.2	35385.4	35651.6	35790.0	35614.7
30°	30257.7	30309.1	30213.3	30358.9	30723.5	31467.4	32101.1	32700.1	32965.6	33070.9	32797.9
32.5°	26480.2	26553.2	26447.7	26664.2	27173.0	28066.6	28786.5	29455.7	29749.4	29869.6	29561.4
35°	22219.5	22324.3	22203.2	22528.4	23155.7	24150.9	24948.0	25695.2	26043.0	26213.5	25902.8
37.5°	17705.6	17805.6	17739.9	18173.7	18862.7	19894.2	20707.8	21513.9	21906.6	22162.5	21917.5
40°	13273.9	13365.4	13415.0	13911.0	14558.9	15531.2	16312.6	17110.2	17549.6	17870.7	17719.6
42.5°	9368.8	9461.0	9629.7	10108.2	10648.6	11453.4	12122.8	12838.9	13258.5	13601.1	13542.9
45°	6386.5	6493.6	6704.8	7096.8	7487.5	8064.9	8556.4	9113.4	9456.2	9770.0	9773.7
47.5°	4475.4	4550.6	4739.4	5007.0	5261.8	5984.5	6014.2	6287.9	6518.3	6752.9	6783.2
50°	3449.1	3494.4	3594.5	3743.7	3888.0	4075.6	4247.4	4445.7	4587.5	4716.1	4746.8
52.5°	2835.0	2863.6	2914.6	2995.4	3079.1	3181.2	3273.1	3382.0	3459.2	3528.0	3542.5
55°	2396.0	2419.8	2495.7	2511.0	2606.8	2625.2	2666.1	2732.4	2777.3	2818.5	2828.8
57.5°	2064.7	2082.0	2098.1	2132.5	2162.1	2204.9	2239.5	2287.0	2315.3	2345.2	2347.7
60°	1803.5	1815.9	1827.4	1851.3	1871.3	1901.2	1925.0	1957.3	1977.6	1999.9	2002.5
62.5°	1609.0	1617.9	1625.6	1641.3	1655.6	1678.6	1697.5	1724.5	1743.3	1760.6	1764.6
65°	1470.8	1477.2	1482.2	1494.1	1506.6	1526.2	1543.3	1565.4	1579.2	1592.5	1595.3
67.5°	1348.3	1354.5	1359.6	1370.5	1379.1	1393.7	1405.1	1421.7	1432.2	1442.7	1443.0
70°	1207.9	1213.7	1217.5	1227.7	1234.7	1247.2	1256.4	1271.4	1282.1	1293.9	1296.8
72.5°	1110.8	1114.2	1119.4	1128.6	1138.4	1151.7	1164.1	1179.6	1192.6	1204.8	1210.0
75°	1036.9	1040.9	1044.3	1052.2	1058.9	1070.2	1079.4	1093.6	1105.0	1118.0	1124.4
77.5°	930.2	934.8	937.8	945.6	951.4	962.3	969.2	981.9	991.1	1003.0	1008.8
80°	801.2	805.6	807.7	815.2	819.8	829.7	836.4	848.7	856.4	868.3	875.3
82.5°	658.4	662.5	663.7	670.8	673.4	681.5	686.4	698.9	708.4	723.9	734.6
85°	493.0	494.5	496.9	495.1	505.1	505.7	517.0	519.1	534.0	537.9	554.9
87.5°	301.5	305.9	308.1	315.0	318.0	324.8	326.9	334.2	338.2	346.5	350.5
90°	122.1	128.6	130.5	138.3	140.1	146.9	148.3	156.0	158.0	165.9	168.5
92.5°	22.1	23.3	24.4	25.9	27.1	29.2	30.8	32.3	33.6	35.6	38.1
95°	24.8	26.1	27.5	28.8	30.2	31.5	32.9	34.2	35.6	36.9	40.7
97.5°	30.5	31.6	32.8	34.0	35.2	36.3	37.5	38.7	39.9	40.9	45.6
100°	38.8	39.8	40.8	41.7	42.7	43.8	44.8	45.8	46.8	47.7	56.4
102.5°	61.6	65.1	68.7	72.1	75.6	79.1	82.7	86.0	89.6	93.1	111.4
105°	100.9	110.2	120.0	129.4	138.9	148.5	158.0	167.3	176.9	186.3	216.5
107.5°	168.2	185.7	203.4	221.1	238.8	256.3	274.0	291.5	309.0	326.4	357.0
110°	304.7	318.7	332.9	346.9	361.0	375.3	389.5	403.2	417.5	431.4	453.7



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	409.2	415.4	421.7	428.1	434.4	440.6	446.8	453.0	459.4	465.4	481.1
115°	434.0	436.0	438.3	440.1	442.3	444.2	446.2	448.1	450.2	451.9	462.6
117.5°	425.5	424.8	424.1	423.7	422.8	422.1	421.3	420.5	419.6	418.7	424.5
120°	402.2	399.9	397.7	395.2	393.0	390.4	388.1	385.6	383.0	380.3	382.7
122.5°	372.1	369.3	366.9	363.8	361.1	358.0	355.3	351.9	349.1	346.1	346.4
125°	345.0	342.1	339.7	336.6	333.5	330.4	327.4	324.3	321.2	317.8	317.7
127.5°	322.3	320.2	318.2	315.7	313.3	310.9	308.4	305.7	303.4	300.5	300.1
130°	309.6	307.7	305.7	303.4	301.3	298.8	296.4	293.8	291.4	288.7	288.1
132.5°	300.3	298.9	297.3	295.5	293.6	291.3	289.5	286.9	285.0	282.9	282.2
135°	295.9	294.3	292.9	291.1	289.4	287.1	285.1	282.9	280.8	278.5	278.1
137.5°	292.6	291.2	289.9	288.1	286.3	284.1	282.2	280.0	278.0	275.7	275.2
140°	289.9	288.6	287.2	285.4	283.9	281.9	279.9	277.9	275.9	273.7	273.4
142.5°	285.8	284.6	283.5	281.9	280.5	278.7	277.0	274.9	273.3	271.3	271.2
145°	284.3	283.2	282.2	280.9	279.5	277.7	276.1	274.4	272.9	271.0	270.9
147.5°	283.0	282.0	281.2	280.0	278.9	277.3	275.9	274.3	272.9	271.3	271.4
150°	281.9	281.1	280.3	279.3	278.0	276.7	275.3	274.0	272.5	271.0	271.0
152.5°	280.0	279.2	278.5	277.4	276.3	274.8	274.0	272.4	271.1	269.7	269.7
155°	280.6	279.8	278.8	277.9	276.7	275.6	274.4	273.2	272.0	270.6	270.5
157.5°	282.4	281.4	280.7	279.6	278.9	277.8	276.8	275.7	274.7	273.7	273.4
160°	285.5	284.7	283.9	282.9	281.9	280.7	279.9	278.8	278.1	276.9	276.8
162.5°	288.9	287.9	287.0	286.0	285.3	284.2	283.4	282.5	281.6	280.5	280.3
165°	292.7	292.1	291.4	290.7	289.9	289.2	288.4	287.5	286.8	285.8	285.7
167.5°	298.2	297.4	296.8	296.1	295.2	294.6	293.7	292.9	292.3	291.3	291.2
170°	302.0	301.2	300.8	300.3	299.7	299.1	298.6	298.0	297.4	296.8	296.8
172.5°	305.2	304.6	304.3	304.0	303.4	303.1	302.6	302.2	302.0	301.4	301.6
175°	307.0	306.5	306.4	306.1	305.8	305.5	305.3	305.0	305.0	304.6	304.6
177.5°	309.4	309.2	309.2	309.1	309.1	308.9	308.8	308.5	308.3	308.3	308.4
180°	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2



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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°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40327.9	40323.0	40316.3	40307.8	40300.5	40292.1	40271.9	40266.0	40272.6	40277.2	40286.4
5°	40423.7	40426.6	40427.6	40445.9	40461.7	40501.2	40810.5	40933.4	41028.5	41088.9	41180.5
7.5°	40712.7	40805.6	40897.6	41021.2	41127.9	41272.0	41813.1	42043.5	42207.2	42324.9	42469.7
10°	41202.3	41405.2	41595.5	41818.3	42010.0	42229.4	42733.1	42957.6	43099.2	43202.4	43298.6
12.5°	41695.5	41976.9	42231.2	42479.3	42686.7	42876.9	43054.1	43132.6	43139.3	43142.6	43091.5
15°	41952.3	42221.4	42445.4	42609.5	42731.4	42785.3	42480.3	42320.3	42118.1	41951.5	41677.5
17.5°	41790.2	41951.5	42048.4	42038.9	41988.5	41819.8	40956.0	40480.8	40009.1	39584.1	39026.6
20°	41069.5	41057.1	40972.9	40734.4	40447.0	40000.0	38519.0	37664.5	36838.4	36112.8	35232.5
22.5°	39728.6	39517.8	39223.6	38709.2	38137.8	37357.0	35234.6	33977.7	32827.6	31811.6	30673.4
25°	37786.0	37351.9	36809.4	35992.9	35105.0	33966.0	31350.2	29786.7	28405.9	27208.2	25895.0
27.5°	35299.7	34645.9	33850.9	32720.8	31517.8	30058.7	27158.5	25433.2	23950.8	22666.8	21269.1
30°	32356.2	31505.9	30479.3	29076.6	27625.6	25970.8	23029.3	21281.8	19781.3	18460.4	17061.6
32.5°	29029.8	28033.8	26830.8	25256.6	23687.4	21985.8	19145.2	17453.6	16020.3	14749.5	13483.5
35°	25360.9	24292.9	23020.2	21414.5	19854.7	18200.3	15593.9	14068.6	12802.9	11679.7	10657.4
37.5°	21425.4	20376.8	19167.1	17653.7	16207.3	14708.2	12459.2	11181.1	10118.9	9186.7	8397.3
40°	17333.5	16415.8	15369.2	14060.9	12826.5	11578.0	9731.8	8717.3	7879.2	7168.1	6576.6
42.5°	13291.8	12580.6	11778.0	10744.2	9799.5	8849.0	7428.0	6676.3	6055.5	5543.6	5125.4
45°	9643.6	9167.9	8629.6	7910.9	7257.2	6594.1	5582.8	5054.6	4650.3	4320.3	4041.2
47.5°	6741.4	6465.5	6448.7	5784.4	5305.1	4899.7	4248.2	3914.5	3666.7	3466.8	3290.0
50°	4734.3	4600.8	4435.0	4197.9	3975.5	3746.3	3349.4	3147.6	3002.5	2881.4	2769.6
52.5°	3539.2	3469.9	3381.6	3255.9	3135.2	3006.4	2755.2	2626.8	2581.1	2468.4	2379.9
55°	2826.9	2787.1	2736.8	2663.0	2589.7	2560.3	2345.0	2249.6	2189.3	2144.8	2097.3
57.5°	2348.1	2318.5	2288.7	2238.6	2196.2	2144.8	2030.5	1981.6	1945.7	1919.5	1886.6
60°	2003.0	1985.2	1968.5	1939.1	1916.2	1888.5	1815.9	1788.3	1769.6	1753.9	1732.8
62.5°	1767.8	1758.8	1750.1	1734.4	1722.8	1707.8	1658.2	1644.9	1635.5	1627.6	1614.8
65°	1598.1	1591.6	1586.8	1576.4	1570.6	1561.7	1519.2	1510.3	1504.4	1501.6	1494.1
67.5°	1443.9	1437.1	1433.9	1426.5	1424.1	1418.6	1383.7	1378.8	1376.9	1377.7	1375.1
70°	1299.7	1296.8	1298.4	1297.1	1300.4	1301.4	1280.3	1280.2	1282.4	1286.9	1287.3
72.5°	1213.2	1213.2	1214.9	1215.7	1218.8	1220.3	1202.7	1201.8	1202.8	1206.1	1206.2
75°	1131.0	1132.4	1136.8	1138.4	1142.0	1142.8	1119.5	1116.9	1117.0	1120.1	1119.1
77.5°	1017.1	1022.1	1030.6	1035.0	1042.2	1043.6	1017.4	1014.4	1014.5	1017.6	1015.0
80°	888.0	897.4	911.0	920.3	931.4	935.8	909.0	902.6	896.6	895.7	890.4
82.5°	750.8	762.2	778.5	787.0	798.8	801.4	756.6	748.1	743.0	743.5	738.6
85°	573.2	581.8	596.5	601.4	608.6	608.0	556.8	534.9	540.7	531.6	538.8
87.5°	359.5	364.6	373.9	375.0	378.5	377.7	326.1	316.0	313.1	313.2	309.4
90°	176.7	180.0	187.9	187.9	193.1	192.2	150.4	145.5	141.9	144.0	139.0
92.5°	41.1	43.3	46.1	48.6	51.4	53.9	51.9	53.0	50.9	48.1	46.2
95°	44.7	48.6	52.7	56.6	60.6	64.5	68.6	72.5	68.8	65.0	61.3
97.5°	50.3	54.9	59.5	64.2	69.0	73.6	78.3	83.0	79.1	74.8	70.8
100°	65.1	73.9	82.4	91.3	99.9	108.6	117.4	126.1	118.5	110.5	102.8
102.5°	129.8	148.4	166.9	185.3	203.7	222.4	241.1	259.6	241.9	224.1	206.3
105°	246.5	276.4	306.4	336.1	366.1	396.1	426.5	456.5	428.2	399.9	371.6
107.5°	387.3	417.8	447.9	478.2	508.6	538.9	570.0	600.4	572.7	544.9	517.2
110°	475.8	497.6	519.7	541.7	563.6	585.6	608.6	630.7	614.0	597.2	580.4



TEST NUMBER: P1444619
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL15

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	496.6	512.4	528.1	543.4	558.9	574.5	591.5	607.3	598.6	589.9	581.4
115°	472.7	483.4	493.5	503.8	514.1	524.4	536.3	547.1	543.9	540.7	537.7
117.5°	430.0	435.4	441.1	446.6	452.0	457.4	465.2	471.0	470.8	470.8	470.7
120°	384.6	386.6	388.6	390.6	392.4	394.2	398.7	401.2	402.8	404.3	405.9
122.5°	346.8	347.2	347.4	347.7	348.0	348.2	351.5	352.4	353.1	353.9	354.8
125°	317.5	317.3	317.0	316.8	316.2	316.1	319.2	319.4	318.8	318.1	317.5
127.5°	299.3	298.7	298.0	297.3	296.4	295.9	298.6	298.6	296.8	295.2	293.3
130°	287.6	286.9	286.3	285.7	285.3	284.6	287.8	288.1	285.6	282.9	280.4
132.5°	281.6	281.1	280.3	280.0	279.5	278.8	282.4	282.8	280.1	277.2	274.4
135°	277.4	277.1	276.5	275.9	275.4	275.2	279.2	279.7	277.1	274.3	271.6
137.5°	274.4	274.2	273.7	273.4	272.8	272.5	277.0	277.7	275.5	273.0	270.8
140°	272.9	272.6	272.2	272.1	271.6	271.7	276.5	277.4	275.6	273.6	271.6
142.5°	270.7	270.8	270.7	270.9	270.7	270.9	276.5	277.7	276.3	274.5	273.2
145°	270.7	271.0	271.0	271.2	271.3	271.8	278.0	279.7	278.6	277.4	276.1
147.5°	270.9	271.1	271.2	271.4	271.5	272.2	279.0	280.6	279.9	278.9	278.1
150°	270.9	271.1	271.1	271.5	272.0	272.5	280.2	282.3	281.6	280.9	280.1
152.5°	269.6	269.7	269.8	270.1	270.4	270.9	280.5	283.0	282.5	281.6	281.1
155°	270.4	270.4	270.3	270.5	270.5	271.1	281.7	284.4	283.9	283.4	282.8
157.5°	273.2	272.9	272.7	272.7	272.8	272.8	284.2	287.1	286.5	286.1	285.6
160°	276.3	276.2	275.8	275.8	275.5	275.5	287.3	290.2	289.9	289.3	288.8
162.5°	280.1	280.3	279.9	279.9	279.8	279.9	291.7	294.9	294.2	293.7	293.1
165°	285.5	285.2	285.0	284.9	284.7	284.7	295.8	298.5	298.2	297.6	297.1
167.5°	291.0	291.0	290.6	290.7	290.5	290.7	301.0	303.6	303.3	302.6	302.3
170°	296.5	296.6	296.5	296.5	296.5	296.7	305.4	307.6	307.4	306.7	306.3
172.5°	301.5	301.7	301.8	301.8	301.9	302.1	309.4	311.5	311.2	310.8	310.2
175°	304.7	304.6	304.8	305.1	305.2	305.3	311.1	312.6	312.4	312.1	311.8
177.5°	308.6	308.6	308.8	308.9	309.1	309.3	312.8	313.7	313.5	313.5	313.4
180°	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2



TEST NUMBER: P1444619
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL15

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40288.4	40302.6	40304.7	40321.3	40319.9	40339.5	40336.5	40352.5	40343.2	40356.4	40345.2
5°	41234.7	41320.5	41365.4	41449.1	41475.6	41550.6	41571.8	41640.2	41643.0	41697.2	41684.9
7.5°	42572.5	42699.1	42774.1	42877.6	42930.1	43016.4	43054.3	43118.2	43138.7	43189.4	43193.2
10°	43371.4	43432.8	43475.7	43504.6	43531.0	43543.4	43557.9	43553.9	43557.9	43552.2	43564.5
12.5°	43057.2	42967.5	42908.2	42795.9	42730.8	42606.6	42545.7	42426.4	42383.1	42280.5	42265.8
15°	41465.8	41153.2	40932.4	40611.2	40409.3	40093.3	39908.4	39623.3	39493.1	39266.5	39207.1
17.5°	38565.2	37985.0	37535.9	36959.9	36560.2	36021.8	35683.3	35237.7	34993.7	34634.3	34509.9
20°	34498.7	33640.2	32966.6	32164.2	31590.1	30874.6	30416.5	29838.9	29503.5	29062.2	28883.2
22.5°	29724.4	28655.6	27814.4	26866.5	26173.7	25376.4	24827.7	24202.7	23837.7	23358.3	23145.9
25°	24803.6	23625.0	22689.7	21691.0	20959.0	20159.8	19610.9	18996.9	18619.4	18164.2	17953.2
27.5°	20097.4	18904.2	18000.4	17071.9	16400.4	15679.2	15184.0	14647.9	14312.8	13924.3	13725.8
30°	15944.1	14891.8	14122.7	13352.1	12793.5	12207.9	11796.3	11352.0	11058.0	10725.3	10536.3
32.5°	12560.5	11748.1	11145.8	10534.3	10077.2	9587.7	9232.1	8840.1	8574.8	8277.7	8106.4
35°	9947.7	9316.4	8836.1	8332.8	7940.1	7523.2	7209.8	6871.4	6633.3	6377.5	6229.7
37.5°	7859.7	7357.8	6962.5	6544.4	6221.9	5876.5	5760.1	5371.8	5125.1	4921.0	4779.6
40°	6168.3	5769.2	5442.1	5122.4	4859.3	4597.4	4387.2	4179.7	4020.5	3874.4	3773.4
42.5°	4817.0	4527.8	4288.9	4054.7	3862.8	3672.0	3519.7	3376.8	3269.5	3174.0	3108.9
45°	3829.3	3630.4	3464.4	3299.5	3164.0	3036.6	2934.2	2842.9	2773.7	2716.3	2675.6
47.5°	3145.8	3009.7	2892.6	2781.3	2689.4	2605.9	2537.2	2514.8	2440.4	2390.2	2371.1
50°	2673.6	2591.3	2502.4	2420.2	2358.8	2297.7	2253.2	2209.5	2181.7	2158.7	2151.6
52.5°	2321.0	2258.2	2208.7	2156.7	2116.1	2072.7	2042.0	2012.9	1997.6	1985.5	1984.0
55°	2059.0	2014.9	1982.2	1947.4	1923.1	1897.6	1881.7	1866.3	1859.6	1853.5	1854.0
57.5°	1860.6	1831.3	1809.9	1787.4	1774.2	1762.0	1758.0	1754.2	1756.2	1757.1	1760.5
60°	1716.1	1697.1	1683.6	1670.7	1665.2	1661.3	1664.3	1667.7	1674.7	1680.4	1685.4
62.5°	1605.4	1594.5	1588.0	1581.0	1580.4	1580.7	1586.7	1592.5	1601.2	1607.8	1612.7
65°	1491.4	1485.2	1483.0	1478.6	1480.9	1482.2	1489.3	1493.8	1502.6	1507.8	1514.1
67.5°	1376.3	1374.8	1376.1	1376.1	1380.1	1383.5	1390.4	1395.5	1402.9	1407.7	1412.8
70°	1291.2	1291.8	1294.9	1295.5	1299.8	1302.2	1308.2	1311.4	1318.1	1322.1	1328.2
72.5°	1208.5	1207.1	1207.9	1205.9	1207.4	1206.8	1210.2	1211.7	1217.4	1220.6	1228.0
75°	1120.4	1116.8	1115.8	1111.8	1111.9	1109.1	1110.5	1110.3	1114.0	1115.5	1120.9
77.5°	1014.0	1007.8	1004.8	998.1	998.0	995.4	998.1	999.8	1006.3	1009.4	1015.6
80°	886.8	877.0	872.6	864.8	866.1	865.7	872.2	877.2	885.1	886.7	894.4
82.5°	737.1	727.1	722.4	714.7	716.5	716.7	722.7	723.6	730.6	733.7	742.6
85°	527.8	531.6	521.0	521.8	519.5	523.8	527.8	532.8	538.6	548.3	555.8
87.5°	310.8	309.4	313.2	313.6	319.0	321.8	330.4	335.3	345.1	352.6	366.4
90°	139.3	134.4	137.4	135.8	141.0	139.5	144.3	141.9	147.6	148.2	155.7
92.5°	43.0	41.1	38.0	35.8	33.0	31.0	29.3	28.6	26.9	26.3	24.7
95°	57.6	53.9	50.2	46.5	42.8	39.1	37.7	36.3	35.1	33.7	32.3
97.5°	66.8	62.9	58.8	54.7	50.7	46.8	45.9	45.0	44.0	43.1	42.2
100°	95.0	87.2	79.6	71.8	64.1	56.5	55.8	55.0	54.3	53.6	52.8
102.5°	188.7	170.8	153.2	135.6	118.0	100.2	97.1	94.1	91.0	87.9	84.9
105°	343.2	314.8	286.6	258.2	230.1	201.9	193.5	184.8	176.4	168.0	159.6
107.5°	489.5	461.8	434.3	406.6	379.1	351.5	338.1	324.8	311.3	298.0	284.8
110°	563.3	546.6	530.1	513.1	496.6	480.0	467.1	454.5	441.5	428.9	416.2



TEST NUMBER: P1444619
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL15

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	572.7	564.1	555.4	546.9	538.6	529.9	523.8	517.4	511.2	504.8	498.4
115°	534.5	531.5	528.5	525.5	522.7	519.6	518.9	518.4	517.7	517.1	516.7
117.5°	470.5	470.6	470.4	470.5	470.6	470.7	473.8	476.6	479.7	483.0	486.2
120°	407.4	409.1	410.6	412.3	413.9	415.8	419.6	423.9	427.8	432.2	436.5
122.5°	355.5	356.4	357.0	358.0	358.9	359.9	363.5	367.6	371.5	375.6	379.8
125°	316.5	315.7	315.0	314.1	313.3	313.0	315.7	318.7	321.9	325.3	328.5
127.5°	291.4	289.4	287.5	285.7	283.8	282.1	283.4	285.0	286.2	288.0	289.7
130°	277.7	275.1	272.2	269.7	266.8	264.3	264.3	264.5	264.6	264.9	265.2
132.5°	271.4	268.6	265.5	262.5	259.5	256.6	255.6	254.7	253.8	253.3	252.6
135°	268.7	266.1	263.0	260.1	257.2	254.4	253.0	251.6	250.3	249.1	248.1
137.5°	268.5	266.0	263.5	261.3	258.5	256.3	254.4	253.0	251.4	250.3	248.8
140°	269.5	267.6	265.3	263.3	261.1	259.2	257.6	256.4	254.9	253.8	252.5
142.5°	271.2	269.7	268.0	266.4	264.6	263.1	261.6	260.3	258.9	257.8	256.7
145°	274.8	273.8	272.4	271.1	269.8	268.7	267.2	266.2	265.0	264.0	263.3
147.5°	277.1	276.2	275.2	274.2	273.1	272.1	271.0	270.4	269.2	268.7	267.8
150°	279.2	278.4	277.4	276.7	275.5	274.7	274.0	273.3	272.5	272.1	271.2
152.5°	280.0	279.5	278.7	278.0	277.0	276.1	275.4	274.9	274.4	273.9	273.0
155°	282.1	281.5	280.7	280.1	279.3	278.8	278.1	277.3	276.7	276.1	275.4
157.5°	285.1	284.5	283.7	283.3	282.4	281.8	281.2	280.6	279.9	279.4	278.7
160°	288.2	287.8	287.0	286.4	285.8	285.3	284.4	283.9	283.0	282.5	281.7
162.5°	292.4	291.8	291.2	290.6	289.8	289.2	288.5	287.9	287.2	286.6	285.9
165°	296.5	296.0	295.4	294.8	294.3	293.7	292.9	292.3	291.5	291.0	290.2
167.5°	301.8	301.4	300.8	300.3	299.6	299.0	298.4	297.7	297.0	296.4	295.6
170°	305.8	305.2	304.8	304.1	303.6	302.9	302.3	301.7	301.0	300.6	299.8
172.5°	309.8	309.7	309.1	308.7	308.0	307.6	307.3	306.8	306.2	305.7	305.4
175°	311.7	311.5	311.4	310.9	310.8	310.5	310.2	310.0	309.7	309.6	309.1
177.5°	313.4	313.2	313.2	313.0	312.9	312.9	312.6	312.5	312.3	312.0	311.9
180°	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2



TEST NUMBER: P1444619
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL15

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40356.8	40346.6	40351.5	40332.6	40337.1	40314.3	40312.1	40286.4	40283.8	40259.6	40250.4
5°	41723.3	41700.8	41726.1	41686.6	41694.4	41643.0	41638.7	41572.2	41549.3	41466.1	41430.2
7.5°	43225.0	43216.5	43231.9	43198.9	43197.9	43152.0	43133.0	43073.5	43036.5	42949.2	42893.4
10°	43553.9	43561.7	43549.0	43552.2	43534.3	43529.4	43511.0	43499.4	43469.5	43446.9	43413.5
12.5°	42187.9	42196.0	42143.9	42177.0	42150.8	42211.8	42206.9	42278.7	42289.7	42380.6	42415.1
15°	39030.5	39020.7	38920.7	38983.7	38949.9	39083.7	39113.6	39293.6	39389.9	39621.0	39762.9
17.5°	34260.9	34235.2	34094.3	34171.0	34132.0	34329.3	34395.5	34683.3	34862.8	35235.2	35500.5
20°	28575.3	28526.0	28361.2	28451.0	28410.8	28634.9	28729.4	29077.2	29308.8	29801.9	30152.8
22.5°	22819.0	22741.1	22579.7	22663.6	22625.6	22857.8	22980.7	23329.8	23595.0	24101.3	24510.9
25°	17650.0	17580.5	17424.5	17483.3	17469.1	17665.5	17774.8	18105.1	18365.7	18847.9	19238.9
27.5°	13462.0	13389.8	13248.9	13290.4	13276.1	13443.5	13546.5	13822.3	14046.6	14452.6	14795.9
30°	10303.2	10216.1	10096.5	10119.5	10109.7	10245.3	10341.5	10573.8	10766.1	11109.2	11404.9
32.5°	7897.4	7809.8	7700.0	7710.8	7696.3	7802.6	7881.9	8084.0	8251.4	8543.2	8800.6
35°	6042.6	6144.9	5910.5	6059.0	5904.4	6131.4	6049.8	6176.0	6320.1	6565.8	6780.6
37.5°	4645.3	4574.0	4513.7	4507.2	4506.9	4559.5	4621.6	4743.2	4870.1	5053.3	5242.5
40°	3681.2	3631.1	3592.1	3589.2	3592.1	3629.5	3675.4	3759.4	3852.4	3983.9	4122.9
42.5°	3053.2	3019.9	2996.4	2994.8	3002.2	3028.8	3060.7	3110.6	3171.1	3256.3	3351.6
45°	2642.5	2624.1	2611.0	2610.2	2613.6	2627.5	2645.9	2677.0	2715.3	2768.5	2828.8
47.5°	2354.4	2349.9	2341.8	2342.0	2338.3	2344.0	2346.1	2363.5	2383.9	2424.0	2502.8
50°	2144.6	2144.6	2138.9	2138.6	2133.3	2133.0	2128.5	2135.4	2144.9	2169.8	2195.0
52.5°	1978.8	1978.2	1972.1	1970.9	1965.2	1964.9	1961.0	1963.8	1965.0	1977.6	1992.7
55°	1849.1	1845.3	1837.3	1834.7	1832.4	1835.8	1834.3	1834.4	1832.7	1838.0	1842.5
57.5°	1756.2	1751.1	1743.5	1741.3	1740.7	1744.5	1744.7	1743.3	1736.4	1731.7	1724.9
60°	1682.5	1677.5	1669.3	1667.2	1668.4	1673.8	1673.5	1669.0	1658.6	1649.5	1638.9
62.5°	1610.3	1608.3	1604.1	1603.5	1602.4	1603.4	1599.6	1594.8	1584.5	1574.9	1563.4
65°	1513.3	1514.4	1511.2	1511.7	1508.0	1507.4	1501.7	1497.1	1486.7	1477.8	1466.1
67.5°	1412.6	1413.4	1410.8	1410.8	1408.9	1409.2	1405.7	1401.4	1392.7	1385.5	1376.4
70°	1329.6	1331.7	1330.2	1330.7	1328.2	1327.4	1322.0	1317.8	1308.8	1302.8	1294.6
72.5°	1230.2	1234.7	1234.5	1235.6	1232.1	1230.2	1223.8	1218.6	1210.5	1205.6	1199.1
75°	1122.9	1128.7	1130.4	1133.0	1127.9	1125.2	1118.2	1114.0	1107.3	1104.5	1100.2
77.5°	1018.2	1024.6	1030.7	1036.4	1028.2	1020.9	1012.1	1005.5	995.8	992.2	985.4
80°	900.7	911.9	925.5	936.9	922.2	907.2	892.8	882.1	869.4	864.2	855.9
82.5°	747.2	758.8	766.6	773.8	763.6	752.7	738.7	729.3	715.6	710.6	700.9
85°	567.7	582.1	586.7	590.6	584.1	578.3	565.1	547.4	538.8	525.2	518.3
87.5°	373.4	382.0	383.7	385.0	381.0	378.2	369.6	361.3	346.5	335.8	322.7
90°	154.8	159.9	156.1	157.8	153.1	154.3	146.4	144.1	132.6	128.7	118.5
92.5°	23.8	22.2	21.1	19.8	21.7	22.3	24.1	24.7	26.2	26.9	28.6
95°	30.9	29.7	28.3	26.9	28.0	29.1	30.2	31.2	32.3	33.4	34.5
97.5°	41.4	40.4	39.5	38.6	39.2	39.9	40.5	41.2	41.7	42.4	43.2
100°	52.2	51.5	50.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
102.5°	81.8	78.7	75.6	72.6	74.7	76.7	78.8	80.8	83.0	85.1	87.3
105°	151.2	142.8	134.4	126.0	134.2	142.2	150.4	158.5	166.6	175.0	183.2
107.5°	271.3	258.0	244.8	231.5	246.6	261.3	276.1	290.9	305.7	320.4	335.5
110°	403.6	390.9	378.4	365.7	381.4	397.1	412.9	428.6	444.3	460.0	476.0



TEST NUMBER: P1444619
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL15

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	492.2	486.1	479.9	473.9	484.0	494.1	504.2	514.6	524.6	534.9	545.1
115°	516.1	515.7	515.4	515.0	519.8	524.6	529.3	534.4	539.3	544.1	549.1
117.5°	489.4	492.6	496.1	499.5	501.1	502.5	504.3	505.8	507.6	509.2	511.1
120°	440.9	445.1	449.7	454.3	453.7	453.0	452.5	451.9	451.7	451.3	451.4
122.5°	384.2	388.5	393.1	397.6	396.3	394.9	393.7	392.5	391.5	390.5	389.7
125°	332.2	335.6	339.4	343.1	341.7	340.4	339.2	338.3	337.2	336.1	335.5
127.5°	291.8	293.9	295.9	298.2	297.6	296.9	296.8	296.3	296.2	296.1	296.2
130°	265.8	266.5	267.6	268.3	268.5	268.7	269.2	269.7	270.5	271.1	272.1
132.5°	252.6	252.2	252.2	252.2	252.9	253.7	254.8	255.9	257.4	258.5	260.5
135°	247.4	246.7	246.2	245.8	246.8	247.7	249.2	250.6	252.3	254.2	256.2
137.5°	247.9	247.0	246.4	245.5	246.6	247.6	249.0	250.4	252.2	254.0	256.2
140°	251.7	250.8	250.3	249.5	250.6	251.5	252.8	254.2	256.0	257.7	259.7
142.5°	255.9	254.8	254.3	253.8	254.5	255.5	256.9	258.0	259.7	261.2	263.1
145°	262.4	261.6	261.2	260.6	261.1	261.9	262.8	263.7	265.0	266.0	267.6
147.5°	267.2	266.6	266.3	265.8	266.4	266.8	267.5	268.0	269.0	269.8	271.0
150°	271.0	270.4	270.0	269.8	270.1	270.2	270.8	271.0	271.6	272.2	273.2
152.5°	272.8	272.1	272.1	271.7	271.8	271.9	272.3	272.6	273.0	273.4	274.3
155°	275.1	274.6	274.2	273.8	273.7	273.6	273.8	273.7	273.9	274.0	274.3
157.5°	278.4	277.8	277.5	276.9	276.7	276.3	276.3	276.1	276.1	275.7	275.8
160°	281.3	280.5	279.9	279.4	279.3	278.9	278.9	278.5	278.5	278.4	278.4
162.5°	285.5	284.9	284.5	283.9	283.6	282.9	282.6	282.0	281.7	281.4	281.3
165°	289.4	288.7	288.2	287.3	287.1	286.8	286.4	286.1	285.9	285.5	285.5
167.5°	295.2	294.4	293.8	293.1	292.7	292.0	291.7	291.2	291.0	290.6	290.5
170°	299.4	298.7	298.3	297.8	297.5	297.0	296.9	296.5	296.4	296.2	296.2
172.5°	304.9	304.4	304.0	303.6	303.3	303.0	302.8	302.7	302.4	302.4	302.2
175°	308.9	308.6	308.5	308.2	307.9	307.8	307.6	307.6	307.5	307.2	307.1
177.5°	311.5	311.3	311.2	311.1	310.9	310.9	310.9	310.9	310.9	310.8	310.6
180°	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2



TEST NUMBER: P1444619
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CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40224.4	40213.8	40186.0	40172.2	40146.5	40133.5	40113.4	40100.4	40084.2	40072.1	40065.9
5°	41338.9	41287.4	41184.4	41120.9	41009.6	40936.3	40825.8	40744.7	40630.6	40546.4	40438.5
7.5°	42788.8	42710.0	42577.9	42477.7	42322.1	42203.0	42028.3	41888.5	41695.5	41535.1	41337.8
10°	43379.2	43333.1	43273.9	43209.4	43123.2	43038.6	42919.3	42797.7	42635.6	42474.3	42263.7
12.5°	42506.7	42550.0	42635.6	42675.5	42740.9	42763.1	42793.1	42779.0	42752.5	42686.7	42591.2
15°	40035.6	40216.6	40502.7	40700.6	40977.8	41172.6	41430.2	41596.1	41787.0	41901.2	42009.6
17.5°	35970.7	36320.9	36825.7	37228.5	37769.1	38208.7	38747.3	39170.4	39659.0	40033.8	40432.8
20°	30764.3	31254.6	31951.5	32543.3	33326.7	33991.1	34842.1	35555.0	36386.7	37080.0	37828.2
22.5°	25160.8	25737.6	26536.0	27249.9	28185.4	29020.9	30087.3	31030.0	32154.3	33161.5	34275.6
25°	19874.4	20439.7	21253.2	21992.2	23002.1	23922.6	25087.6	26169.1	27473.7	28690.5	30087.3
27.5°	15341.2	15843.3	16558.3	17223.6	18148.6	19052.2	20234.4	21387.6	22779.8	24087.4	25592.7
30°	11847.8	12255.1	12828.0	13363.1	14105.7	14844.8	15897.8	16964.3	18349.6	19704.6	21247.9
32.5°	9181.7	9528.9	10007.2	10441.6	11013.8	11571.0	12346.6	13198.8	14414.0	15711.8	17204.0
35°	7107.6	7404.7	7811.8	8186.0	8656.5	9098.9	9677.6	10285.9	11213.3	12305.0	13640.4
37.5°	5666.6	5787.7	6078.2	6384.8	6775.7	7139.2	7591.8	8041.6	8705.1	9566.5	10657.4
40°	4309.4	4501.7	4738.1	4979.7	5275.6	5567.2	6063.8	6302.9	6739.7	7358.1	8204.8
42.5°	3477.1	3612.3	3778.8	3946.7	4152.9	4356.0	4607.2	4863.1	5189.6	5608.4	6210.7
45°	2909.7	2997.9	3105.2	3217.1	3352.5	3491.1	3659.3	3834.9	4056.2	4313.7	4679.5
47.5°	2530.6	2579.4	2649.4	2725.8	2818.6	2914.6	3023.9	3135.9	3273.4	3426.1	3634.4
50°	2234.8	2275.4	2329.9	2380.9	2445.0	2543.3	2586.7	2648.5	2731.2	2821.1	2937.6
52.5°	2020.6	2047.8	2081.9	2111.2	2151.8	2188.6	2236.8	2279.5	2336.6	2390.6	2465.8
55°	1854.0	1863.8	1883.1	1902.1	1930.1	1955.2	1988.3	2016.2	2052.7	2085.0	2132.4
57.5°	1725.2	1726.1	1735.0	1744.8	1762.9	1778.7	1801.5	1819.8	1845.1	1865.7	1894.1
60°	1632.6	1627.7	1629.5	1632.9	1643.2	1653.4	1668.0	1679.9	1695.8	1707.5	1723.4
62.5°	1555.6	1547.9	1546.1	1545.2	1550.3	1554.0	1561.9	1567.7	1576.9	1581.9	1590.4
65°	1458.4	1449.3	1445.7	1441.5	1443.0	1441.8	1444.8	1444.9	1449.5	1450.6	1455.5
67.5°	1370.2	1362.5	1357.9	1352.3	1349.7	1345.7	1344.0	1340.0	1339.4	1336.2	1335.4
70°	1289.7	1282.3	1278.3	1273.1	1270.5	1265.1	1261.8	1255.3	1251.4	1245.3	1241.9
72.5°	1196.6	1192.4	1191.2	1187.7	1186.7	1183.7	1182.4	1177.8	1175.1	1169.9	1166.9
75°	1099.3	1095.8	1095.5	1092.0	1091.7	1088.1	1087.2	1082.3	1079.7	1074.5	1072.4
77.5°	983.4	978.3	976.8	972.7	973.6	971.9	973.3	969.6	968.0	962.8	961.2
80°	852.8	846.3	843.6	838.1	839.6	837.1	839.6	839.3	841.2	837.1	836.3
82.5°	698.2	691.0	689.7	685.8	688.4	688.7	694.2	691.2	692.4	688.5	690.1
85°	508.0	502.7	495.3	494.2	489.5	494.4	488.0	492.3	485.2	490.2	483.7
87.5°	315.0	303.9	298.1	290.3	287.2	279.7	276.5	271.0	272.7	270.1	271.6
90°	116.6	107.6	106.1	98.8	98.6	92.5	93.7	89.6	91.6	87.2	89.7
92.5°	29.3	30.5	32.5	35.1	36.9	39.1	41.2	43.7	45.6	48.0	49.9
95°	35.6	36.6	39.5	42.4	45.3	48.1	51.2	54.0	56.9	59.8	62.7
97.5°	43.9	44.5	47.3	50.3	53.1	56.1	58.9	62.2	65.0	68.0	70.8
100°	50.0	50.1	58.3	66.5	74.8	83.1	91.4	99.5	108.1	116.2	124.5
102.5°	89.4	91.5	112.2	133.0	153.8	174.6	195.5	216.4	237.2	258.2	279.1
105°	191.2	199.5	231.1	263.1	294.7	326.5	358.3	390.4	422.1	454.0	485.7
107.5°	350.3	365.2	394.0	422.7	451.4	480.2	509.1	537.9	566.7	595.6	624.6
110°	491.7	507.6	526.9	546.2	565.7	585.0	604.4	623.8	643.5	662.8	682.6



TEST NUMBER: P1444619
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL15

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	555.3	565.7	577.0	588.6	600.0	611.5	622.9	634.5	646.1	657.8	669.3
115°	554.2	559.3	563.7	568.5	573.1	577.9	582.6	587.6	592.6	597.4	602.3
117.5°	512.7	514.9	515.8	516.9	518.0	519.3	520.5	521.9	523.4	524.7	525.9
120°	451.0	450.8	450.5	450.4	450.0	450.0	450.0	450.0	450.1	450.2	450.2
122.5°	388.7	388.1	387.8	387.8	387.7	387.9	388.0	388.5	388.6	388.9	389.0
125°	334.8	334.3	335.6	336.9	338.4	340.0	341.2	343.2	344.8	346.4	348.1
127.5°	296.1	296.5	299.0	301.6	304.0	306.7	309.4	312.3	314.7	317.8	320.3
130°	273.2	274.4	277.3	280.6	283.6	286.9	290.2	293.7	296.6	300.0	303.1
132.5°	262.0	264.0	266.7	270.0	273.0	276.2	279.5	282.7	285.8	289.3	292.1
135°	258.2	260.6	263.3	266.3	269.2	272.4	275.2	278.5	281.2	284.3	287.1
137.5°	258.1	260.4	263.0	265.4	267.8	270.6	273.1	275.7	278.1	280.7	283.1
140°	261.7	263.9	265.6	267.6	269.3	271.2	272.9	274.8	276.4	278.5	280.0
142.5°	264.7	266.9	268.0	269.4	270.7	272.5	273.9	275.3	276.4	277.7	278.9
145°	268.9	270.6	271.2	272.1	272.9	273.7	274.3	275.1	275.6	276.3	276.8
147.5°	272.1	273.4	273.6	274.2	274.7	275.0	275.4	275.9	276.1	276.6	276.9
150°	273.8	274.7	274.6	275.0	274.9	275.1	275.1	275.4	275.3	275.6	275.5
152.5°	274.6	275.4	275.0	275.3	275.0	274.9	274.8	274.8	274.6	274.6	274.6
155°	274.4	274.6	274.4	274.4	274.3	274.2	274.1	274.4	274.3	274.3	274.4
157.5°	275.7	275.7	275.6	275.5	275.2	275.3	275.3	275.3	275.4	275.8	276.0
160°	278.1	278.2	277.9	277.8	277.7	277.6	277.6	277.8	277.9	278.4	278.6
162.5°	280.8	280.7	280.4	280.3	280.2	280.3	280.4	280.8	280.8	281.2	281.5
165°	285.5	285.5	285.1	285.2	285.0	284.9	285.0	285.1	285.4	285.5	285.8
167.5°	290.2	290.1	290.1	290.3	290.3	290.4	290.6	291.1	291.2	291.8	292.0
170°	296.1	296.2	296.0	296.0	295.9	296.0	296.0	296.1	296.3	296.5	296.5
172.5°	302.2	302.2	302.1	301.9	301.7	301.7	301.6	301.7	301.5	301.4	301.2
175°	306.9	306.8	306.7	306.6	306.5	306.2	306.2	305.8	305.7	305.6	305.5
177.5°	310.5	310.2	310.0	310.0	309.9	309.7	309.7	309.6	309.6	309.6	309.3
180°	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2



TEST NUMBER: P1444619
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL15

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40057.8	40057.4	40053.5	40055.3	40056.0	40058.9	40062.3	40065.9	40066.6	40069.4	40070.0
5°	40357.6	40258.5	40185.2	40104.6	40044.0	39989.4	39953.1	39924.2	39913.0	39915.9	39922.5
7.5°	41170.5	40965.9	40797.2	40605.2	40445.2	40275.8	40135.3	40001.8	39904.5	39832.0	39791.4
10°	42062.5	41813.4	41575.0	41297.3	41033.9	40752.8	40498.1	40241.7	40027.8	39842.2	39705.9
12.5°	42458.4	42282.3	42076.3	41814.1	41532.3	41207.9	40880.3	40529.1	40202.5	39899.3	39654.8
15°	42039.3	42039.6	41964.5	41838.8	41643.0	41383.7	41071.6	40705.5	40320.2	39927.0	39567.7
17.5°	40708.8	40959.8	41099.4	41187.8	41160.7	41065.1	40866.5	40585.4	40226.2	39807.3	39369.0
20°	38424.0	39016.0	39438.2	39817.8	40030.6	40171.9	40157.8	40043.4	39787.6	39431.4	38974.9
22.5°	35223.2	36217.0	37001.3	37732.5	38245.3	38662.5	38860.8	38945.0	38829.1	38581.0	38152.3
25°	31335.7	32686.9	33840.0	34959.1	35798.5	36519.9	36953.5	37259.0	37283.3	37153.6	36771.2
27.5°	27015.9	28610.9	30070.3	31557.6	32738.1	33775.2	34455.7	34953.7	35111.9	35091.1	34743.8
30°	22701.6	24376.0	25984.7	27719.0	29179.8	30504.8	31403.6	32077.3	32336.8	32386.6	32052.5
32.5°	18627.2	20278.4	21882.6	23695.7	25303.2	26821.8	27883.8	28683.9	28985.8	29056.9	28690.5
35°	14929.6	16452.9	17977.4	19734.6	21332.8	22905.4	24024.4	24862.1	25144.0	25191.5	24767.3
37.5°	11722.9	13020.8	14349.2	15925.9	17393.6	18870.5	19933.7	20720.9	20926.3	20913.6	20433.5
40°	9022.9	10031.9	11099.4	12397.3	13617.6	14866.0	15763.9	16414.7	16522.5	16442.7	15938.4
42.5°	6784.8	7513.4	8287.4	9256.3	10161.7	11096.0	11749.2	12232.4	12247.7	12121.4	11668.8
45°	5054.6	5765.6	6090.1	6676.0	7259.1	7880.4	8279.3	8577.7	8531.6	8420.4	8076.4
47.5°	3853.3	4126.6	4416.3	4779.6	5119.2	5824.3	5772.1	6251.3	5906.1	6141.5	5623.3
50°	3059.9	3212.6	3368.7	3561.5	3739.0	3923.3	4038.4	4124.5	4113.3	4076.4	3977.1
52.5°	2603.2	2650.5	2727.3	2837.0	2936.0	3035.7	3101.3	3154.7	3155.7	3140.8	3090.5
55°	2175.7	2235.7	2291.0	2362.6	2484.7	2503.4	2597.4	2578.4	2585.7	2559.7	2586.4
57.5°	1918.3	1953.2	1984.3	2026.9	2062.2	2103.4	2127.6	2151.0	2148.8	2143.7	2118.1
60°	1735.9	1755.1	1772.4	1797.3	1816.7	1839.9	1851.1	1863.0	1859.2	1850.5	1827.7
62.5°	1595.3	1607.3	1617.2	1633.2	1645.0	1659.5	1665.4	1670.4	1665.4	1657.1	1637.0
65°	1456.5	1464.3	1470.6	1482.7	1491.0	1503.4	1508.3	1513.0	1508.4	1502.0	1486.7
67.5°	1331.4	1332.2	1331.6	1336.5	1339.0	1346.5	1348.7	1352.1	1346.8	1341.2	1328.2
70°	1236.5	1234.5	1232.2	1234.1	1234.5	1238.2	1238.8	1238.2	1231.8	1222.2	1208.0
72.5°	1162.3	1161.2	1159.5	1161.2	1161.2	1164.4	1163.3	1161.7	1153.8	1144.6	1130.6
75°	1067.0	1066.2	1062.6	1062.7	1059.8	1060.9	1056.9	1054.8	1045.9	1038.2	1025.7
77.5°	955.4	953.6	948.4	946.4	940.7	938.4	931.1	927.5	918.5	912.2	901.5
80°	830.8	828.8	822.2	818.4	809.5	803.8	793.1	787.0	776.7	770.6	760.2
82.5°	686.7	687.5	680.7	676.1	663.3	653.5	639.2	631.4	620.1	614.1	603.4
85°	488.4	481.4	485.1	484.9	476.8	468.3	456.7	448.5	439.0	433.3	425.7
87.5°	267.9	269.5	267.6	266.0	260.3	256.0	246.8	242.1	235.2	231.7	226.0
90°	82.2	81.7	74.7	74.3	67.4	64.6	56.6	54.8	47.5	46.3	41.2
92.5°	47.4	45.0	42.9	40.2	38.0	35.6	33.2	30.7	28.3	27.2	26.7
95°	59.1	55.8	52.4	48.8	45.3	41.7	38.4	34.9	31.3	30.6	29.9
97.5°	66.8	62.7	58.4	54.5	50.4	46.3	42.1	38.0	33.9	33.4	33.0
100°	115.0	105.6	96.1	86.5	77.0	67.5	58.2	48.5	39.2	38.6	38.1
102.5°	255.9	232.9	209.8	186.8	163.9	140.8	117.7	94.5	71.5	68.2	64.8
105°	450.9	415.8	381.2	346.3	311.3	276.3	241.5	206.4	171.5	160.3	149.0
107.5°	591.9	559.0	526.4	493.7	460.9	428.3	395.4	362.5	329.7	309.9	290.3
110°	656.7	630.7	605.0	579.1	553.2	527.3	501.3	475.3	449.4	432.4	415.8



TEST NUMBER: P1444619
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL15

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	650.6	631.8	613.2	594.3	575.5	556.6	537.8	518.8	499.8	489.7	479.5
115°	591.4	580.2	569.2	558.0	547.0	535.8	524.7	513.2	501.9	496.8	491.6
117.5°	520.9	515.4	510.2	504.8	499.5	493.9	488.5	482.9	477.4	475.9	474.3
120°	449.5	448.3	447.0	445.9	444.6	443.4	442.1	440.7	439.3	440.1	440.8
122.5°	390.7	391.9	393.5	394.7	396.2	397.3	398.9	399.8	401.1	403.1	405.2
125°	350.7	353.1	355.6	358.0	360.4	362.9	365.3	367.5	370.0	371.9	374.2
127.5°	323.4	325.9	328.9	331.4	334.3	336.9	339.7	342.0	344.8	346.8	349.1
130°	305.9	308.2	310.9	313.2	315.8	318.3	320.6	323.2	325.6	327.5	329.6
132.5°	294.5	296.9	299.4	301.5	304.0	306.2	308.6	310.9	313.4	315.0	316.8
135°	289.3	291.0	293.1	294.9	297.1	298.8	300.9	303.0	305.2	306.6	308.2
137.5°	284.9	286.4	288.4	289.9	291.8	293.4	295.5	297.1	299.4	300.4	302.0
140°	281.7	283.4	285.1	286.7	288.6	290.2	292.3	294.2	296.3	297.4	298.8
142.5°	280.4	281.6	283.1	284.4	286.1	287.4	289.2	291.0	292.8	294.1	295.4
145°	278.3	279.8	281.2	282.7	284.2	285.8	287.8	289.7	291.6	292.6	293.9
147.5°	278.0	279.2	280.5	281.9	283.3	284.7	286.4	288.1	289.9	291.0	292.1
150°	276.8	278.0	279.2	280.4	281.9	283.5	285.2	286.8	289.0	290.1	291.1
152.5°	275.8	277.0	278.3	279.8	281.3	282.9	284.6	286.4	288.3	289.3	290.5
155°	275.6	276.7	278.2	279.7	281.2	282.6	284.4	286.0	287.8	289.0	290.0
157.5°	277.2	278.2	279.5	280.9	282.2	283.7	285.4	286.7	288.4	289.3	290.2
160°	279.8	280.6	282.0	283.3	284.6	285.8	287.3	288.5	290.0	291.0	291.8
162.5°	282.7	283.9	285.2	286.1	287.6	288.8	290.3	291.4	292.9	293.6	294.5
165°	286.8	287.7	288.8	289.7	290.8	291.5	292.8	293.7	295.0	295.6	296.5
167.5°	293.1	293.7	294.3	295.1	296.1	296.8	297.7	298.5	299.6	300.3	301.0
170°	297.2	297.8	298.3	299.0	299.8	300.5	301.2	301.8	302.8	303.3	304.0
172.5°	301.7	301.9	302.5	302.8	303.2	303.6	304.2	304.8	305.3	305.9	306.4
175°	305.9	306.0	306.3	306.4	306.5	306.8	307.2	307.6	307.7	308.1	308.4
177.5°	309.4	309.5	309.6	309.7	310.1	310.2	310.4	310.5	310.8	311.1	311.4
180°	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2



TEST NUMBER: P1444619
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL15

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40068.7	40068.2	40066.9	40065.1	40063.3	40064.4	40066.2	40070.8	40078.8	40090.4	40105.6
5°	39928.0	39936.2	39940.8	39941.4	39937.3	39934.7	39938.7	39949.7	39971.9	40009.1	40059.5
7.5°	39780.5	39790.6	39806.1	39817.8	39820.0	39817.1	39817.8	39835.0	39876.1	39948.6	40050.3
10°	39623.1	39593.1	39608.9	39637.8	39660.8	39664.9	39667.7	39688.2	39748.1	39857.7	40021.2
12.5°	39477.7	39382.9	39364.5	39390.6	39425.5	39436.6	39433.6	39442.3	39512.5	39657.6	39885.4
15°	39286.3	39107.9	39047.0	39053.7	39096.8	39112.3	39101.0	39083.7	39152.0	39329.3	39624.1
17.5°	38976.7	38689.2	38577.1	38572.2	38622.6	38636.0	38608.3	38554.6	38622.0	38843.0	39209.1
20°	38506.0	38081.6	37870.6	37837.1	37891.8	37875.8	37820.6	37739.4	37827.9	38096.8	38532.1
22.5°	37659.9	37122.1	36761.6	36645.4	36710.8	36667.2	36586.5	36483.0	36600.6	36906.0	37390.8
25°	36277.2	35655.8	35162.3	34885.5	34937.7	34859.4	34771.7	34646.2	34786.4	35137.0	35670.7
27.5°	34245.0	33527.1	32915.7	32457.3	32474.1	32371.7	32270.6	32108.2	32283.3	32698.3	33300.2
30°	31542.5	30711.8	29967.2	29344.4	29288.7	29189.3	29085.8	28872.7	29091.7	29588.5	30291.9
32.5°	28148.8	27226.4	26366.0	25578.5	25430.0	25333.1	25240.8	24995.5	25282.4	25861.5	26669.6
35°	24179.8	23197.4	22264.5	21365.1	21119.0	21022.0	20941.4	20706.4	21064.4	21694.6	22567.4
37.5°	19823.4	18819.8	17893.6	16971.3	16623.6	16492.0	16433.4	16279.5	16692.4	17315.8	18192.2
40°	15351.0	14417.9	13587.6	12773.0	12376.5	12175.2	12144.5	12116.5	12515.7	13056.5	13852.0
42.5°	11167.2	10414.4	9774.2	9151.5	8792.3	8517.4	8517.2	8600.7	8960.0	9365.1	9978.6
45°	7724.7	7219.6	6811.6	6395.6	6506.7	5958.7	6280.7	6115.5	6293.1	6554.3	6953.2
47.5°	5310.0	5034.2	4810.1	4577.7	4408.3	4246.5	4260.6	4365.0	4532.2	4687.2	4894.8
50°	3870.1	3729.6	3615.5	3494.8	3410.5	3339.1	3343.3	3388.5	3476.3	3558.0	3666.6
52.5°	3032.5	2955.0	2893.0	2826.3	2782.0	2746.5	2748.5	2770.4	2818.0	2864.5	2926.8
55°	2499.5	2490.2	2409.5	2349.6	2326.8	2303.1	2307.4	2315.9	2348.3	2375.5	2416.8
57.5°	2094.5	2058.4	2034.2	2002.7	1988.1	1971.5	1975.3	1978.5	2000.1	2018.4	2048.1
60°	1808.7	1783.0	1765.8	1744.4	1734.9	1724.3	1726.6	1728.6	1742.5	1754.4	1775.7
62.5°	1618.7	1595.7	1580.8	1564.3	1557.6	1550.4	1552.1	1552.7	1561.3	1570.1	1586.2
65°	1472.9	1454.8	1442.4	1428.1	1421.1	1413.7	1414.4	1414.4	1421.7	1428.1	1440.2
67.5°	1318.9	1305.2	1297.1	1285.8	1281.1	1273.4	1273.3	1270.9	1275.7	1278.2	1286.4
70°	1195.2	1181.4	1171.1	1160.2	1154.3	1147.6	1147.7	1147.9	1153.4	1159.2	1169.8
72.5°	1118.8	1105.6	1096.4	1086.9	1081.3	1075.6	1074.5	1073.9	1078.0	1081.1	1088.1
75°	1017.6	1007.0	1001.7	992.8	988.3	981.9	980.8	977.9	979.8	980.4	985.6
77.5°	894.9	884.8	880.5	871.5	867.7	860.5	859.9	856.5	858.0	857.0	861.1
80°	755.0	745.8	743.5	736.0	734.3	727.6	726.5	722.5	723.6	720.5	722.1
82.5°	598.8	590.4	588.7	581.8	581.8	575.7	575.4	569.3	569.3	564.1	555.8
85°	421.8	415.7	413.1	407.5	405.9	401.0	398.4	392.6	390.6	386.8	385.6
87.5°	222.6	218.8	215.3	212.7	207.7	198.9	198.1	192.0	192.5	188.2	188.5
90°	40.6	35.9	35.5	31.1	30.5	27.5	27.0	26.6	27.0	26.7	27.2
92.5°	25.8	25.0	24.3	23.5	22.6	21.8	21.0	21.8	22.6	23.5	24.3
95°	29.2	28.5	27.7	27.0	26.3	25.5	24.9	25.5	26.3	27.2	27.9
97.5°	32.5	32.0	31.6	31.1	30.6	30.3	29.8	30.5	30.8	31.3	31.8
100°	37.5	37.0	36.4	36.0	35.4	34.9	34.3	35.2	35.7	36.2	36.7
102.5°	61.6	58.2	54.9	51.6	48.2	44.9	41.6	44.9	48.2	51.8	55.1
105°	137.8	126.7	115.4	104.1	92.9	81.6	70.3	81.7	93.0	104.2	115.7
107.5°	270.4	250.9	231.0	211.3	191.3	171.6	151.8	171.8	191.6	211.5	231.3
110°	398.6	381.6	364.6	347.6	330.4	313.5	296.4	313.6	330.7	347.9	365.0



TEST NUMBER: P1444619
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL15

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	469.2	459.1	448.7	438.7	428.2	418.1	407.5	418.4	428.8	439.4	449.7
115°	486.5	481.2	476.2	470.9	465.4	460.1	454.5	460.6	466.2	471.8	477.4
117.5°	472.7	471.3	469.5	468.0	466.2	464.5	462.7	464.8	466.9	469.2	471.0
120°	441.2	442.1	442.7	443.2	443.8	444.2	444.5	444.8	444.8	444.8	444.7
122.5°	407.2	409.2	411.0	412.9	414.7	416.5	418.0	417.1	415.9	414.8	413.3
125°	376.2	378.6	380.5	382.6	384.4	386.4	387.8	387.2	386.0	384.9	383.4
127.5°	351.2	353.1	355.2	357.4	358.9	360.6	362.1	361.5	360.5	359.5	358.2
130°	331.2	333.4	334.9	336.7	338.1	339.5	340.6	340.4	339.7	339.4	338.3
132.5°	318.4	320.3	321.8	323.4	324.4	325.8	326.5	326.7	326.4	326.2	325.3
135°	309.8	311.2	312.5	314.0	315.0	316.0	316.6	317.1	317.0	316.9	316.3
137.5°	303.1	304.5	305.6	306.7	307.5	308.1	308.5	309.2	309.4	309.9	309.6
140°	300.1	301.6	302.6	303.6	304.7	305.6	305.9	306.7	306.9	307.0	306.7
142.5°	296.7	298.0	299.2	300.4	301.2	302.0	302.3	303.0	303.2	303.3	303.2
145°	295.2	296.2	297.2	298.3	299.0	299.6	299.7	300.7	301.0	301.2	301.3
147.5°	293.1	294.4	295.2	296.1	296.6	297.4	297.7	298.3	298.6	298.9	299.1
150°	292.3	293.5	294.5	295.5	296.3	296.9	297.1	297.8	298.0	298.3	298.2
152.5°	291.4	292.4	293.4	294.2	295.0	295.6	295.9	296.5	296.9	297.3	297.4
155°	291.0	291.9	292.8	293.7	294.3	295.1	295.7	296.3	296.7	297.0	297.3
157.5°	291.0	292.1	292.8	293.7	294.3	295.3	295.9	296.5	297.0	297.6	297.9
160°	292.5	293.6	294.2	295.1	295.9	296.5	297.1	297.9	298.5	298.9	299.6
162.5°	295.3	296.2	296.6	297.5	298.2	299.0	299.6	300.3	301.0	301.6	302.0
165°	297.4	298.2	298.8	299.7	300.5	301.4	302.0	302.5	302.9	303.4	303.7
167.5°	301.7	302.4	302.9	303.7	304.3	305.2	305.9	306.4	306.7	307.1	307.4
170°	304.6	305.3	305.9	306.4	307.2	307.8	308.2	308.5	308.9	309.2	309.6
172.5°	306.8	307.6	308.0	308.8	309.2	309.9	310.4	310.8	310.9	311.1	311.1
175°	308.8	309.5	309.7	310.2	310.6	311.1	311.6	311.5	311.8	311.7	311.8
177.5°	311.9	312.5	312.8	313.1	313.5	313.7	314.1	313.8	313.8	313.6	313.3
180°	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2



TEST NUMBER: P1444619
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL15

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40127.1	40147.2	40177.9	40205.7	40247.7	40280.7	40330.3	40368.0	40424.0	40460.4	40521.3
5°	40130.7	40209.2	40312.4	40413.2	40534.3	40644.2	40780.9	40897.3	41034.6	41146.7	41287.1
7.5°	40187.5	40338.8	40520.3	40703.1	40909.9	41103.3	41321.3	41518.6	41734.2	41916.7	42116.0
10°	40229.3	40462.8	40730.3	40999.3	41282.5	41545.7	41811.4	42040.9	42255.5	42432.1	42588.1
12.5°	40172.5	40494.2	40837.3	41168.8	41483.7	41756.1	41984.6	42161.2	42283.1	42365.8	42385.1
15°	39979.6	40366.6	40739.8	41069.8	41331.1	41532.7	41637.0	41685.8	41633.5	41546.5	41355.1
17.5°	39619.2	40027.5	40361.0	40621.3	40759.4	40814.2	40727.7	40577.3	40283.5	39957.4	39486.4
20°	38958.3	39338.8	39580.7	39722.8	39685.8	39549.2	39222.9	38826.2	38239.6	37614.5	36789.5
22.5°	37799.4	38132.0	38260.8	38271.3	38045.9	37703.9	37115.3	36435.1	35509.7	34547.5	33364.4
25°	36059.5	36350.9	36371.2	36256.8	35844.2	35289.8	34425.7	33463.4	32205.9	30923.9	29441.2
27.5°	33700.1	33979.5	33911.1	33697.6	33124.8	32383.0	31276.5	30033.4	28483.0	26968.9	25328.8
30°	30734.0	31032.8	30952.5	30678.6	29997.4	29120.6	27818.7	26374.4	24653.1	23036.0	21374.0
32.5°	27184.6	27562.2	27506.8	27246.5	26535.7	25597.3	24184.8	22652.8	20891.8	19298.1	17681.4
35°	23150.1	23608.7	23632.4	23462.2	22802.3	21874.9	20480.0	18997.2	17310.4	15806.8	14313.3
37.5°	18803.5	19335.1	19444.3	19398.4	18851.5	18032.8	16761.8	15431.6	13937.4	12619.5	11342.2
40°	14432.7	14970.9	15157.6	15213.0	14809.4	14175.3	13132.2	12058.5	10840.3	9772.5	8758.3
42.5°	10446.8	10923.9	11104.4	11217.9	10966.0	10543.1	9782.2	9002.5	8110.1	7339.9	6601.5
45°	7255.6	7593.0	7730.2	7844.6	7707.3	7468.8	6988.2	6500.6	5911.5	5408.2	4931.7
47.5°	5072.8	5258.9	5349.5	5404.9	5351.7	5227.3	4965.8	4683.3	4350.8	4056.7	3773.9
50°	3760.1	3859.1	3906.5	3938.5	3899.7	3830.6	3689.1	3535.3	3352.7	3186.1	3023.3
52.5°	2979.7	3036.5	3064.7	3081.9	3059.7	3017.5	2935.0	2843.9	2734.4	2631.4	2577.3
55°	2510.2	2507.3	2572.4	2541.0	2572.4	2502.3	2487.4	2387.2	2296.3	2232.2	2163.0
57.5°	2070.2	2099.6	2112.1	2126.1	2117.1	2104.2	2069.3	2033.3	1985.4	1945.3	1902.5
60°	1792.0	1816.2	1830.0	1843.8	1843.0	1838.1	1817.9	1796.4	1766.4	1742.5	1716.5
62.5°	1600.3	1621.3	1634.9	1648.2	1649.3	1647.4	1632.1	1617.2	1596.8	1581.8	1563.9
65°	1449.5	1464.3	1473.5	1484.1	1483.5	1480.7	1466.8	1454.5	1437.7	1427.3	1414.1
67.5°	1291.8	1303.0	1310.1	1320.1	1322.0	1322.6	1315.0	1309.2	1301.0	1298.1	1293.6
70°	1179.6	1193.2	1204.7	1217.2	1224.1	1227.5	1224.1	1221.2	1216.4	1214.3	1210.9
72.5°	1094.7	1106.1	1115.1	1126.6	1133.0	1137.6	1135.0	1133.4	1129.2	1128.6	1126.3
75°	989.2	997.1	1002.1	1010.8	1014.2	1018.5	1016.6	1017.6	1016.3	1019.6	1019.4
77.5°	862.3	868.2	870.6	876.8	877.5	882.7	883.9	889.9	894.3	903.8	908.9
80°	719.6	723.3	723.3	729.7	732.6	741.4	745.5	755.6	760.2	768.6	769.4
82.5°	559.0	554.7	559.0	556.4	564.5	574.3	575.7	584.2	586.1	591.5	587.3
85°	382.2	381.9	378.5	379.1	376.5	377.7	376.2	377.9	376.3	376.5	372.7
87.5°	183.1	184.8	180.7	182.1	178.2	180.0	176.5	179.3	175.2	175.8	169.8
90°	27.2	27.6	27.6	28.1	29.0	30.3	31.6	33.0	34.9	36.1	37.7
92.5°	25.0	26.0	26.9	27.7	28.5	30.9	33.4	35.8	38.3	40.7	43.1
95°	28.7	29.4	30.1	31.1	31.8	35.4	38.9	42.3	45.9	49.4	52.9
97.5°	32.5	33.0	33.5	33.9	34.5	38.6	42.7	47.0	51.1	55.2	59.2
100°	37.4	37.9	38.5	39.2	39.8	49.3	58.9	68.5	78.0	87.4	97.0
102.5°	58.5	61.9	65.2	68.9	72.2	95.4	118.6	141.7	164.6	187.8	210.9
105°	127.0	138.3	149.8	161.1	172.4	207.5	242.6	277.7	312.5	347.4	382.5
107.5°	251.3	271.1	291.1	311.0	330.8	363.8	396.6	429.6	462.7	495.5	528.1
110°	382.5	399.3	416.8	433.9	451.1	477.0	503.2	529.3	555.4	581.3	607.2



TEST NUMBER: P1444619
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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°	460.3	470.6	481.1	491.2	501.7	520.8	540.1	559.0	578.2	596.9	615.9
115°	482.9	488.0	493.6	498.9	504.5	515.9	527.2	538.6	550.1	561.2	572.7
117.5°	473.1	474.9	476.9	478.4	480.2	485.9	491.6	497.2	503.0	508.6	514.2
120°	444.5	444.1	443.8	443.2	442.9	444.2	446.0	447.3	448.9	450.3	451.7
122.5°	412.1	410.3	408.8	407.1	405.4	404.1	403.2	401.9	401.1	399.9	398.7
125°	381.9	380.0	378.5	376.5	374.6	372.5	370.4	368.2	365.9	363.6	361.4
127.5°	357.1	355.3	353.9	352.0	350.3	347.6	345.3	342.7	340.4	337.7	335.3
130°	337.4	335.9	335.0	333.0	331.8	329.3	327.2	324.8	322.5	320.2	317.9
132.5°	324.7	323.7	322.6	321.1	320.0	317.8	315.9	313.4	311.4	309.1	307.2
135°	316.0	315.1	314.4	313.3	312.4	310.3	308.6	306.8	305.0	303.2	301.5
137.5°	309.4	308.7	308.2	307.6	306.8	305.0	303.6	301.9	300.5	298.7	297.3
140°	306.6	306.1	305.5	304.8	304.1	302.5	301.0	299.3	297.8	296.1	294.6
142.5°	302.9	302.5	302.1	301.4	300.9	299.3	298.3	296.9	295.7	294.3	293.1
145°	301.1	300.8	300.6	300.0	299.8	298.3	297.0	295.6	294.4	292.9	291.6
147.5°	299.1	298.8	298.8	298.4	298.4	297.1	296.3	295.1	294.2	292.9	292.0
150°	298.2	298.2	298.1	297.8	297.6	296.5	295.7	294.7	293.8	292.6	291.8
152.5°	297.4	297.5	297.6	297.6	297.7	296.8	296.0	295.0	294.1	293.0	292.2
155°	297.6	297.7	297.9	297.9	297.9	297.2	296.5	295.6	294.8	294.0	293.2
157.5°	298.2	298.5	298.8	299.0	299.1	298.5	297.8	297.2	296.5	295.9	295.2
160°	299.9	300.3	300.6	300.8	301.1	300.5	300.3	299.4	299.2	298.3	297.6
162.5°	302.4	302.8	303.1	303.3	303.6	303.0	302.8	302.2	301.8	300.9	300.4
165°	304.3	304.4	304.7	304.8	305.0	304.6	304.4	304.0	303.6	303.2	302.8
167.5°	307.8	307.8	308.2	308.3	308.5	308.2	308.3	308.0	307.7	307.5	307.2
170°	309.9	310.1	310.3	310.3	310.5	310.2	310.1	309.9	309.9	309.3	309.0
172.5°	311.3	311.3	311.5	311.6	311.5	311.3	311.3	311.1	311.0	310.9	310.7
175°	311.9	311.8	311.9	311.9	311.8	311.9	311.8	311.8	311.7	311.7	311.6
177.5°	313.4	313.3	313.1	313.0	312.9	312.8	312.8	312.7	312.9	312.8	312.7
180°	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2



TEST NUMBER: P1444619
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CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40559.1	40308.6	40275.5	40293.1	40334.9	40350.4	40395.6	40408.0	40453.4	40464.6	40508.2
5°	41396.0	41064.8	41081.4	41161.0	41281.5	41353.3	41471.8	41533.8	41646.8	41698.2	41800.5
7.5°	42278.4	42018.4	42099.5	42233.8	42398.5	42512.6	42655.0	42747.6	42870.3	42946.4	43044.5
10°	42711.7	42640.5	42729.7	42835.4	42929.4	43003.0	43063.3	43111.6	43143.1	43172.8	43185.8
12.5°	42382.0	42492.2	42507.4	42497.2	42434.8	42387.4	42280.5	42207.9	42079.0	42000.6	41847.2
15°	41159.6	41402.1	41267.8	41064.5	40767.2	40519.3	40169.1	39908.4	39543.8	39296.4	38930.5
17.5°	39014.4	39320.4	38970.6	38500.4	37902.2	37390.3	36753.1	36247.3	35613.6	35152.8	34561.5
20°	35994.4	36280.4	35656.5	34877.0	33951.6	33172.8	32254.4	31521.6	30668.2	30033.4	29267.2
22.5°	32234.3	32438.0	31559.0	30508.2	29329.2	28356.2	27258.2	26379.7	25405.7	24679.9	23863.1
25°	28074.4	28129.3	27075.0	25864.4	24550.4	23456.9	22284.6	21361.0	20367.6	19632.1	18830.3
27.5°	23875.8	23795.1	22655.6	21371.8	19989.7	18853.2	17709.7	16844.2	15974.3	15311.7	14620.9
30°	19912.7	19717.6	18534.4	17214.9	15873.2	14854.6	13905.3	13210.3	12518.2	11992.5	11438.1
32.5°	16278.6	16003.3	14851.6	13615.4	12484.9	11698.7	10994.8	10468.9	9910.0	9466.0	9000.7
35°	13059.8	12766.4	11746.1	10698.1	9842.4	9263.0	8709.8	8278.3	7803.7	7429.2	7025.1
37.5°	10297.3	10056.8	9202.2	8377.5	7730.2	7281.2	6827.9	6475.3	6083.2	5918.3	5486.5
40°	7949.5	7781.4	7113.2	6505.2	6019.2	5808.2	5348.1	5018.8	4725.6	4484.0	4249.9
42.5°	6200.7	6141.2	5490.8	5016.8	4674.6	4408.8	4152.3	3944.1	3741.5	3575.0	3417.6
45°	4550.4	4503.4	4214.6	3940.9	3707.7	3522.0	3348.7	3205.5	3073.0	2963.2	2863.3
47.5°	3543.4	3528.3	3362.0	3192.3	3045.5	2926.1	2813.6	2718.6	2630.6	2557.4	2533.5
50°	2882.0	2880.0	2782.5	2677.7	2573.2	2504.1	2432.3	2376.1	2319.7	2275.7	2229.3
52.5°	2448.7	2438.1	2372.3	2307.7	2245.5	2200.2	2154.3	2118.4	2081.0	2053.8	2025.0
55°	2108.2	2119.3	2081.2	2042.5	2003.7	1975.6	1943.3	1919.7	1894.0	1876.8	1859.5
57.5°	1871.5	1886.3	1866.3	1844.4	1820.8	1802.2	1780.0	1763.7	1746.5	1735.6	1725.5
60°	1699.4	1715.5	1707.5	1696.5	1681.9	1670.9	1656.7	1647.6	1636.6	1630.5	1624.8
62.5°	1553.4	1573.5	1570.7	1565.5	1556.1	1549.9	1542.3	1538.2	1530.9	1528.2	1525.6
65°	1407.7	1430.3	1429.9	1427.3	1422.1	1420.4	1415.6	1414.7	1410.9	1412.4	1412.1
67.5°	1293.1	1312.8	1317.1	1320.3	1320.1	1321.3	1320.9	1322.7	1322.7	1325.6	1327.4
70°	1210.5	1224.1	1227.5	1230.7	1231.6	1234.2	1234.2	1235.9	1235.4	1237.9	1238.2
72.5°	1126.9	1144.8	1148.2	1150.8	1150.8	1153.4	1152.0	1151.6	1148.0	1147.3	1144.7
75°	1022.8	1045.9	1051.0	1054.3	1054.8	1056.9	1053.8	1051.9	1045.9	1043.6	1039.3
77.5°	914.2	938.2	941.8	943.0	941.0	941.5	934.9	930.5	922.9	919.7	915.7
80°	772.9	808.1	811.0	808.7	803.2	802.3	795.9	791.7	782.7	779.5	776.1
82.5°	588.1	629.5	635.3	637.9	633.4	634.5	628.3	625.9	617.6	616.1	610.6
85°	371.3	412.8	419.5	418.5	414.0	413.0	409.4	410.6	409.9	412.2	413.3
87.5°	170.6	210.7	220.3	217.3	216.8	213.9	207.6	209.9	213.8	216.3	216.5
90°	39.2	52.7	53.9	53.8	49.9	49.2	45.5	45.6	42.4	42.3	39.5
92.5°	45.5	47.9	50.4	48.2	46.1	43.9	41.7	39.4	37.4	35.1	33.1
95°	56.4	59.6	63.2	60.3	57.2	54.3	51.5	48.5	45.7	42.8	39.9
97.5°	63.5	67.3	71.2	68.4	65.4	62.5	59.5	56.7	53.7	50.7	47.7
100°	106.5	115.5	124.8	116.6	108.3	100.1	91.9	83.5	75.3	67.1	58.8
102.5°	233.9	256.7	279.6	258.6	237.8	216.8	196.1	175.2	154.5	133.4	112.7
105°	417.3	451.7	486.5	454.4	422.6	390.8	358.9	327.1	295.3	263.3	231.6
107.5°	561.0	592.8	625.2	596.3	567.5	538.6	509.6	480.8	451.9	423.0	394.3
110°	633.2	657.8	683.5	663.7	644.4	624.6	605.2	585.6	566.2	546.8	527.5



TEST NUMBER: P1444619
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL15

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	634.7	651.9	670.4	658.5	647.0	635.3	623.7	612.1	600.7	589.0	577.8
115°	583.7	592.9	603.5	598.4	593.6	588.7	583.7	578.9	573.9	569.1	564.6
117.5°	519.7	522.8	527.6	525.9	524.7	523.1	521.8	520.3	519.2	518.0	516.9
120°	452.9	451.6	452.1	451.8	451.8	451.7	451.7	451.5	451.5	451.6	451.7
122.5°	397.4	393.3	391.1	390.8	390.5	390.2	390.0	389.7	389.5	389.5	389.5
125°	359.2	353.5	350.2	348.5	347.0	345.3	343.5	341.9	340.5	338.9	337.5
127.5°	332.6	326.5	323.1	320.3	317.6	314.8	312.1	309.2	306.7	303.9	301.5
130°	315.7	309.5	306.1	302.8	299.8	296.4	293.3	290.1	286.7	283.6	280.4
132.5°	304.8	298.5	295.4	292.3	289.4	286.1	283.1	279.9	276.7	273.4	270.4
135°	299.6	293.4	290.7	287.6	285.1	282.0	279.1	276.1	273.4	270.1	267.7
137.5°	295.6	289.4	286.8	284.4	282.1	279.6	277.4	274.8	272.4	269.6	267.4
140°	293.0	286.4	284.0	282.3	280.9	279.0	277.5	275.7	274.2	272.4	270.7
142.5°	291.7	285.4	282.9	281.7	280.7	279.5	278.6	277.2	276.0	274.5	273.4
145°	290.5	283.4	281.0	280.3	280.0	279.4	278.9	278.3	277.8	277.0	276.4
147.5°	290.8	283.5	281.0	280.9	280.7	280.2	280.2	279.8	279.8	279.3	279.1
150°	290.7	282.3	279.6	279.7	279.5	279.6	279.7	279.5	279.8	279.7	279.7
152.5°	291.0	281.1	278.0	278.1	278.4	278.3	278.6	278.7	279.1	279.4	279.5
155°	292.0	281.3	277.8	277.5	277.6	277.6	277.7	277.8	278.0	278.2	278.5
157.5°	294.2	282.8	279.4	278.9	278.9	278.8	278.8	278.8	278.9	279.0	279.4
160°	296.9	285.5	282.0	281.5	281.4	281.2	281.0	280.8	280.9	281.0	281.3
162.5°	299.5	288.4	285.0	284.5	284.2	284.0	283.9	283.5	283.6	283.5	283.8
165°	302.1	292.3	289.1	288.7	288.6	288.3	288.2	288.0	288.1	288.1	288.3
167.5°	306.7	297.7	295.2	294.7	294.3	293.8	293.8	293.2	293.2	292.9	292.9
170°	308.6	301.7	299.4	299.2	299.3	299.1	298.9	298.9	298.8	298.6	298.7
172.5°	310.4	305.3	303.6	303.6	303.8	303.9	304.1	304.0	304.2	304.4	304.6
175°	311.5	308.4	307.7	307.6	307.6	307.7	307.8	307.8	307.9	308.0	308.4
177.5°	312.8	311.9	311.5	311.5	311.5	311.5	311.5	311.5	311.5	311.7	311.7
180°	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2



TEST NUMBER: P1444619
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL15

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40516.4	40563.7	40560.0	40604.2	40602.0	40643.5	40635.2	40671.0	40662.9	40693.5	40675.6
5°	41845.5	41935.3	41964.9	42046.0	42062.8	42135.4	42136.9	42194.6	42187.6	42232.7	42208.7
7.5°	43102.7	43186.6	43226.3	43289.3	43320.8	43372.9	43393.3	43436.3	43446.6	43471.9	43471.1
10°	43208.8	43208.5	43228.1	43219.4	43237.0	43226.7	43248.2	43240.5	43272.2	43264.1	43288.0
12.5°	41781.1	41639.4	41587.7	41460.4	41432.6	41323.4	41331.1	41261.1	41294.9	41251.9	41325.1
15°	38712.9	38384.2	38221.7	37936.0	37846.3	37620.4	37602.1	37452.0	37492.6	37414.1	37528.8
17.5°	34178.8	33661.3	33377.3	32960.1	32794.3	32474.9	32410.9	32217.8	32247.7	32150.4	32289.0
20°	28773.0	28147.7	27789.4	27306.9	27091.6	26710.8	26609.7	26393.7	26420.8	26324.0	26480.8
22.5°	23305.5	22650.9	22246.6	21740.8	21465.9	21107.7	21000.2	20783.1	20795.5	20704.7	20855.4
25°	18281.1	17653.6	17261.1	16801.6	16563.1	16234.7	16121.7	15926.9	15937.9	15862.9	15998.3
27.5°	14141.8	13626.9	13298.5	12913.3	12699.5	12429.6	12319.4	12155.5	12155.1	12100.1	12213.2
30°	11051.0	10621.4	10326.5	9991.1	9790.3	9546.7	9440.3	9293.6	9287.2	9248.3	9338.0
32.5°	8652.7	8270.5	8001.5	7706.5	7526.1	7317.1	7216.4	7098.5	7087.8	7052.5	7126.2
35°	6726.3	6404.6	6173.2	5924.7	5943.1	5634.6	5685.9	5446.3	5381.4	5367.2	5422.1
37.5°	5198.7	4949.4	4761.6	4575.5	4449.4	4319.1	4248.8	4185.9	4178.7	4172.6	4211.0
40°	4069.2	3894.7	3758.1	3630.4	3543.7	3464.1	3420.2	3385.6	3377.4	3372.8	3396.0
42.5°	3293.4	3175.7	3087.6	3009.7	2957.0	2913.7	2889.6	2870.4	2863.9	2864.1	2877.8
45°	2782.5	2711.1	2654.3	2605.9	2572.2	2587.0	2543.5	2566.3	2536.1	2567.3	2546.8
47.5°	2450.4	2389.6	2354.4	2320.1	2299.7	2283.3	2283.9	2284.2	2290.7	2291.7	2298.3
50°	2194.1	2158.9	2134.5	2112.6	2102.0	2093.3	2096.4	2098.5	2104.8	2105.3	2110.2
52.5°	2004.4	1981.4	1966.6	1953.0	1948.3	1943.3	1945.4	1944.5	1947.4	1945.9	1949.9
55°	1850.0	1839.2	1834.6	1829.5	1830.3	1828.9	1829.8	1824.9	1821.9	1818.2	1821.6
57.5°	1723.4	1721.9	1725.1	1727.1	1732.9	1735.0	1736.4	1730.7	1725.4	1720.5	1723.3
60°	1625.9	1628.2	1636.0	1642.2	1650.5	1654.5	1656.8	1653.6	1649.6	1645.6	1648.1
62.5°	1529.6	1533.3	1542.6	1549.5	1559.7	1564.9	1570.7	1571.0	1572.5	1571.0	1572.6
65°	1417.8	1422.4	1430.8	1436.6	1446.0	1450.6	1456.5	1457.6	1460.8	1460.2	1463.0
67.5°	1332.9	1337.1	1344.1	1349.6	1357.9	1362.7	1367.9	1368.2	1369.4	1369.1	1371.8
70°	1242.3	1244.4	1250.6	1255.3	1263.6	1268.5	1274.5	1276.3	1280.0	1280.6	1283.5
72.5°	1145.7	1144.8	1148.6	1150.6	1156.9	1160.9	1168.4	1172.5	1178.8	1180.5	1182.8
75°	1040.5	1039.6	1044.2	1045.9	1051.3	1055.2	1063.7	1069.2	1078.8	1082.9	1081.9
77.5°	918.8	920.9	929.2	933.9	941.0	945.9	957.0	965.8	983.6	991.2	983.4
80°	782.7	784.9	793.6	797.9	807.2	813.2	825.6	835.8	851.8	855.3	850.8
82.5°	615.3	616.0	623.6	627.0	639.2	648.0	663.6	671.8	681.6	680.1	679.0
85°	419.5	425.2	435.0	444.6	459.5	473.8	488.6	500.8	492.1	505.7	490.5
87.5°	224.3	223.7	236.7	234.7	255.5	267.6	280.4	286.5	293.4	292.0	292.1
90°	39.9	37.6	38.6	36.0	38.0	35.1	38.1	35.6	39.3	35.9	41.6
92.5°	30.7	29.8	28.4	27.4	26.0	25.1	23.8	22.6	21.4	20.2	21.4
95°	37.0	36.0	34.9	33.7	32.6	31.5	30.5	29.4	28.3	27.2	28.6
97.5°	44.9	44.3	43.6	43.0	42.3	41.7	41.1	40.5	39.7	39.1	40.0
100°	50.6	50.6	50.6	50.6	50.3	50.3	50.3	50.3	50.3	50.3	51.0
102.5°	91.7	89.7	87.6	85.4	83.3	81.1	79.1	77.0	74.9	72.9	75.9
105°	199.8	191.6	183.5	175.3	167.0	158.9	150.8	142.6	134.6	126.4	134.8
107.5°	365.7	350.7	335.8	321.0	306.1	291.2	276.5	261.7	246.9	232.1	245.4
110°	508.0	492.2	476.3	460.6	444.8	429.0	413.2	397.5	381.8	366.1	378.8



TEST NUMBER: P1444619
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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°	566.4	555.8	545.5	535.2	524.9	514.9	504.7	494.6	484.5	474.3	480.4
115°	559.8	554.8	549.7	544.9	539.9	534.8	529.8	525.1	520.3	515.5	515.9
117.5°	515.6	513.6	511.9	510.0	508.2	506.5	504.9	503.3	501.6	500.3	496.8
120°	451.9	451.9	452.0	452.3	452.6	453.2	453.3	453.9	454.6	455.2	450.6
122.5°	389.5	390.1	390.8	391.6	392.6	393.7	394.8	396.1	397.4	398.8	394.2
125°	335.9	336.6	337.2	337.9	338.5	339.8	340.9	342.1	343.3	344.9	341.0
127.5°	298.9	298.6	298.2	298.2	298.2	298.5	298.9	299.3	300.0	300.8	298.3
130°	277.3	276.2	274.9	274.2	273.0	272.5	272.0	271.6	271.3	271.2	270.3
132.5°	267.3	265.6	263.7	262.2	260.6	259.5	258.1	257.5	256.5	256.0	255.7
135°	264.4	262.3	260.2	258.2	256.3	254.9	253.1	252.1	250.9	249.9	250.5
137.5°	264.8	262.9	260.6	258.8	256.9	255.4	253.6	252.4	251.4	250.4	251.2
140°	268.8	266.8	264.6	262.9	261.2	259.6	258.1	257.1	255.6	255.0	255.4
142.5°	272.0	270.4	268.4	266.8	265.1	263.7	262.5	261.5	260.2	259.6	260.1
145°	275.7	274.4	272.9	271.6	270.5	269.5	268.3	267.8	267.0	266.7	267.0
147.5°	278.6	277.7	276.5	275.6	274.5	274.0	273.2	272.7	272.2	271.9	272.1
150°	279.7	279.1	278.4	277.8	277.1	276.8	276.3	276.0	275.7	275.6	275.7
152.5°	279.8	279.4	278.7	278.3	277.8	277.6	277.2	277.2	277.0	276.9	277.0
155°	278.7	278.5	278.3	278.3	278.1	278.4	278.2	278.5	278.4	278.7	278.8
157.5°	279.5	279.7	279.6	279.9	279.9	280.2	280.3	280.8	280.8	281.3	281.6
160°	281.7	281.8	281.8	282.1	282.2	282.3	282.6	282.9	283.2	283.4	283.8
162.5°	283.9	284.3	284.5	284.8	285.2	285.5	285.9	286.5	286.8	287.4	287.9
165°	288.5	288.6	288.6	288.7	289.0	289.2	289.4	290.0	290.2	290.7	291.1
167.5°	292.8	293.0	293.0	293.2	293.5	293.8	294.0	294.6	295.0	295.7	296.1
170°	298.5	298.5	298.5	298.5	298.5	298.8	299.0	299.1	299.3	299.7	300.0
172.5°	304.6	304.6	304.3	304.6	304.3	304.6	304.6	304.8	304.8	305.0	305.1
175°	308.2	308.6	308.7	309.0	308.9	309.0	309.1	309.2	309.3	309.6	309.6
177.5°	311.7	311.8	311.8	311.8	311.8	312.0	312.0	312.0	312.0	311.8	311.9
180°	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2



TEST NUMBER: P1444619
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CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40705.5	40685.1	40705.9	40684.8	40705.9	40680.6	40697.8	40670.4	40677.3	40648.8	40656.2
5°	42244.7	42212.1	42229.4	42187.3	42191.7	42135.4	42134.3	42068.8	42051.5	41976.9	41944.1
7.5°	43489.2	43478.6	43484.6	43457.4	43454.3	43415.8	43397.6	43343.3	43309.1	43240.5	43193.5
10°	43292.2	43323.9	43332.1	43364.5	43371.1	43403.2	43409.9	43442.0	43448.6	43472.3	43472.6
12.5°	41321.7	41429.5	41455.2	41588.3	41644.3	41796.5	41878.3	42046.0	42145.6	42313.0	42415.8
15°	37525.7	37712.0	37786.4	38046.3	38190.0	38493.3	38684.0	39032.3	39278.2	39648.1	39911.9
17.5°	32301.1	32561.6	32679.2	33031.6	33261.4	33709.1	34031.9	34563.0	34969.7	35560.0	36027.8
20°	26507.6	26797.0	26956.6	27358.6	27629.9	28153.1	28555.9	29208.6	29752.9	30500.9	31140.5
22.5°	20902.7	21178.2	21355.3	21764.3	22069.7	22615.4	23065.7	23754.5	24364.4	25207.2	25974.2
25°	16049.3	16301.8	16461.9	16831.8	17118.7	17620.0	18050.1	18712.6	19309.3	20154.8	20941.1
27.5°	12269.5	12480.9	12635.3	12950.8	13203.7	13628.9	13998.3	14545.9	15060.0	15791.4	16491.7
30°	9393.3	9580.8	9730.9	10005.7	10240.3	10608.8	10933.6	11393.5	11819.1	12401.1	12958.2
32.5°	7178.1	7339.5	7473.3	7713.7	7926.5	8258.4	8551.0	8954.3	9319.5	9813.1	10271.4
35°	5473.0	5790.5	5768.0	6099.7	6153.0	6391.3	6652.3	7004.8	7328.3	7748.0	8138.1
37.5°	4248.0	4337.3	4432.8	4579.5	4733.5	4950.3	5170.8	5601.5	5759.5	6076.8	6399.6
40°	3425.5	3485.9	3549.1	3648.1	3756.0	3908.7	4069.3	4274.8	4485.3	4742.4	5005.2
42.5°	2896.0	2930.1	2970.3	3028.6	3095.1	3191.9	3299.4	3438.7	3585.1	3766.2	3950.9
45°	2587.4	2571.2	2583.1	2614.4	2654.5	2713.3	2781.1	2867.4	2962.7	3080.0	3204.9
47.5°	2299.7	2306.3	2309.8	2326.8	2348.3	2387.8	2428.9	2487.4	2600.6	2635.0	2703.0
50°	2109.7	2112.9	2111.8	2120.4	2131.3	2157.0	2183.7	2223.3	2262.9	2315.3	2365.4
52.5°	1950.5	1954.9	1954.3	1960.0	1965.8	1982.0	1998.9	2026.9	2052.9	2086.3	2114.9
55°	1824.8	1830.9	1833.2	1838.0	1840.8	1849.3	1856.0	1869.5	1880.5	1899.3	1916.8
57.5°	1728.0	1736.4	1740.2	1741.9	1738.4	1738.0	1735.8	1738.6	1740.9	1751.0	1760.8
60°	1651.9	1658.6	1659.7	1658.6	1652.4	1647.9	1640.7	1638.4	1637.3	1642.2	1647.6
62.5°	1572.2	1574.6	1572.9	1571.0	1563.9	1559.6	1552.1	1549.3	1546.9	1550.3	1553.1
65°	1461.9	1464.0	1461.9	1460.7	1454.4	1450.9	1444.6	1442.6	1438.9	1439.9	1439.2
67.5°	1372.3	1374.5	1372.8	1371.2	1366.7	1364.7	1360.1	1357.0	1352.7	1351.1	1348.1
70°	1283.2	1284.8	1282.3	1280.6	1275.6	1273.6	1269.3	1268.4	1265.0	1264.2	1260.8
72.5°	1180.5	1180.6	1177.1	1176.0	1172.3	1172.2	1170.4	1172.0	1171.9	1173.6	1172.8
75°	1075.4	1073.9	1069.5	1068.7	1065.9	1067.2	1065.3	1067.8	1068.1	1072.1	1072.5
77.5°	970.3	964.7	956.2	952.2	946.5	945.8	942.5	944.8	944.1	948.5	950.3
80°	837.4	830.6	819.8	814.5	807.8	806.8	803.8	806.8	805.3	810.6	814.2
82.5°	668.5	662.7	651.4	647.2	639.5	640.2	636.9	640.2	639.8	647.5	652.0
85°	494.5	490.6	479.1	468.7	457.3	450.6	444.0	442.8	440.8	444.0	446.6
87.5°	285.6	282.0	273.0	267.0	246.8	247.7	239.9	239.5	237.5	235.7	239.9
90°	39.7	44.6	42.9	47.2	46.2	51.3	50.7	55.5	53.9	58.4	57.9
92.5°	22.6	23.8	24.9	26.0	27.2	28.4	29.6	30.7	33.3	35.5	38.3
95°	30.0	31.2	32.6	34.0	35.4	36.6	38.0	39.4	43.1	46.8	50.5
97.5°	41.0	41.8	42.7	43.6	44.5	45.5	46.4	47.2	51.3	55.3	59.2
100°	51.8	52.5	53.1	53.9	54.6	55.3	56.1	56.8	64.7	72.4	80.1
102.5°	79.0	82.1	85.2	88.2	91.5	94.6	97.6	100.7	118.5	136.0	153.6
105°	143.2	151.6	160.2	168.6	177.0	185.4	193.9	202.3	230.6	258.7	287.2
107.5°	258.6	271.9	285.2	298.6	311.9	325.2	338.5	352.0	379.5	407.2	434.9
110°	391.3	404.2	416.8	429.6	442.1	455.0	467.7	480.6	497.3	513.9	530.7



TEST NUMBER: P1444619
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL15

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	486.7	492.8	499.2	505.4	511.8	518.2	524.5	530.9	539.5	547.8	556.5
115°	516.3	516.7	517.4	517.9	518.5	519.0	519.9	520.6	523.7	526.6	529.6
117.5°	493.5	490.3	487.1	483.9	480.7	477.9	474.9	472.1	472.0	471.8	472.0
120°	446.4	442.0	437.7	433.3	429.3	425.1	421.3	417.4	415.7	414.1	412.7
122.5°	389.9	385.5	381.3	377.3	373.3	369.4	365.7	362.0	361.1	360.3	359.5
125°	337.4	334.0	330.5	327.3	324.3	321.3	318.5	315.6	316.3	317.0	318.0
127.5°	296.3	294.4	292.5	290.8	289.4	287.9	286.6	285.3	287.3	289.2	291.2
130°	269.6	269.0	268.8	268.2	268.4	268.2	268.3	268.3	271.1	273.7	276.5
132.5°	256.2	256.4	256.9	257.5	258.2	259.0	260.2	261.1	264.1	266.9	270.0
135°	251.1	251.8	252.8	253.7	255.2	256.4	257.9	259.2	262.4	264.9	268.0
137.5°	252.1	252.8	254.0	255.2	256.9	258.1	259.9	261.4	263.8	266.2	268.7
140°	256.3	256.9	258.0	259.1	260.4	261.6	263.3	264.4	266.8	268.7	270.6
142.5°	261.1	261.6	262.7	263.6	264.9	266.0	267.4	268.5	270.1	271.6	273.6
145°	267.7	268.2	269.1	269.8	270.9	271.9	273.0	274.0	275.3	276.3	277.6
147.5°	272.7	273.1	273.9	274.6	275.5	276.2	277.0	277.7	278.9	279.8	280.7
150°	276.2	276.5	277.0	277.5	278.3	279.0	279.8	280.2	281.0	281.7	282.8
152.5°	277.6	277.8	278.3	278.8	279.4	279.9	280.4	281.0	281.9	282.4	283.3
155°	279.3	279.9	280.4	280.9	281.6	281.9	282.7	283.1	283.9	284.5	285.3
157.5°	282.2	282.5	283.3	283.6	284.4	284.8	285.4	285.8	286.5	287.0	287.6
160°	284.5	285.3	285.7	286.3	287.0	287.6	288.3	289.0	289.6	290.1	290.7
162.5°	288.5	289.1	289.7	290.1	290.7	291.2	291.7	292.3	293.2	293.6	294.4
165°	291.8	292.4	293.2	293.6	294.5	295.2	295.8	296.5	296.8	297.4	297.9
167.5°	296.7	297.1	298.0	298.4	299.1	299.7	300.4	300.9	301.5	301.8	302.3
170°	300.5	301.1	301.7	302.1	302.6	303.0	303.7	304.1	304.8	305.2	305.9
172.5°	305.5	305.9	306.3	306.4	306.8	307.4	307.7	307.9	308.5	308.9	309.3
175°	309.6	309.6	309.7	309.9	310.0	310.0	310.2	310.5	310.6	310.8	310.9
177.5°	312.0	312.1	312.2	312.3	312.4	312.5	312.6	312.7	312.7	312.7	312.7
180°	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2



TEST NUMBER: P1444619
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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°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40627.7	40629.5	40596.7	40594.9	40564.3	40560.3	40530.4	40521.3	40497.1	40488.2	40463.5
5°	41860.4	41820.4	41728.2	41674.0	41582.8	41522.4	41423.8	41359.4	41264.2	41192.4	41096.6
7.5°	43107.0	43045.0	42941.5	42857.6	42731.1	42630.1	42482.1	42360.9	42200.5	42061.8	41893.4
10°	43472.6	43463.1	43436.7	43398.2	43339.4	43273.3	43172.5	43067.5	42927.0	42774.4	42587.3
12.5°	42573.0	42670.2	42802.6	42881.1	42976.6	43018.5	43057.7	43047.9	43022.0	42944.9	42836.7
15°	40294.1	40567.1	40928.5	41208.6	41530.9	41765.1	42023.8	42185.0	42345.7	42420.0	42465.4
17.5°	36668.9	37185.8	37833.9	38371.0	38990.8	39488.5	40034.1	40444.9	40867.3	41169.9	41443.6
20°	32012.5	32761.2	33677.9	34487.7	35429.3	36247.5	37144.3	37880.4	38639.5	39233.2	39794.9
22.5°	26961.7	27851.0	28959.2	29985.8	31199.7	32290.6	33521.4	34592.7	35711.2	36645.7	37549.2
25°	21995.1	22970.4	24182.2	25327.6	26702.3	27971.3	29430.9	30766.1	32211.8	33466.9	34706.8
27.5°	17459.9	18417.4	19654.6	20873.8	22327.5	23679.6	25243.7	26714.6	28360.7	29878.7	31431.5
30°	13732.4	14544.5	15653.8	16834.7	18268.5	19644.4	21225.4	22738.3	24450.7	26108.1	27857.1
32.5°	10879.7	11498.5	12370.5	13369.1	14692.0	16001.8	17507.2	18967.7	20654.0	22328.3	24147.4
35°	8640.5	9123.1	9788.0	10567.3	11687.5	12816.7	14148.1	15476.3	17049.5	18638.2	20406.3
37.5°	6813.5	7205.0	7725.8	8311.2	9209.7	10136.3	11228.2	12329.3	13696.3	15104.6	16707.0
40°	5320.6	5637.7	6043.1	6479.6	7158.2	7872.1	8716.4	9570.3	10668.6	11819.6	13145.7
42.5°	4179.7	4413.7	4700.0	5019.1	5652.1	6031.1	6603.8	7221.3	8028.7	8864.3	9861.3
45°	3356.6	3516.3	3714.9	3928.8	4222.6	4544.2	4936.3	5347.5	6114.6	6490.8	7097.2
47.5°	2803.1	2910.3	3036.6	3171.5	3344.8	3531.8	3764.4	4002.1	4309.6	4628.4	5002.1
50°	2430.4	2539.3	2582.7	2652.5	2752.8	2859.6	2990.7	3121.9	3286.8	3454.0	3646.3
52.5°	2153.7	2189.2	2236.4	2280.9	2342.9	2464.5	2503.8	2572.4	2664.9	2755.4	2856.4
55°	1942.5	1965.5	1996.2	2023.0	2060.6	2096.5	2148.3	2193.9	2255.6	2310.1	2377.2
57.5°	1777.9	1792.7	1814.0	1831.6	1855.9	1876.2	1906.5	1931.3	1966.7	1997.6	2038.2
60°	1658.5	1668.3	1682.5	1694.0	1709.6	1720.2	1735.2	1746.8	1765.5	1781.3	1803.9
62.5°	1560.8	1565.9	1575.3	1582.1	1591.9	1597.2	1605.2	1610.3	1620.6	1628.5	1641.2
65°	1443.8	1444.9	1451.2	1454.1	1461.8	1464.6	1471.2	1473.5	1482.1	1487.9	1499.1
67.5°	1347.8	1345.1	1345.2	1343.1	1344.1	1341.8	1342.5	1340.0	1343.5	1345.2	1353.8
70°	1260.2	1256.4	1255.3	1251.2	1250.0	1245.9	1244.7	1241.0	1240.5	1239.3	1242.3
72.5°	1174.8	1173.8	1174.1	1171.3	1171.0	1168.1	1168.2	1166.5	1168.4	1169.3	1173.1
75°	1076.7	1077.0	1078.8	1076.4	1077.1	1074.7	1075.6	1073.3	1074.5	1074.1	1078.0
77.5°	957.1	960.0	965.2	964.1	965.8	963.1	964.3	961.2	962.0	960.0	961.5
80°	822.8	828.7	835.7	835.4	838.4	836.4	839.2	836.1	837.4	833.8	832.9
82.5°	663.1	668.2	675.7	676.0	682.6	683.8	691.0	690.7	695.4	692.4	690.2
85°	453.4	456.9	463.3	467.0	473.7	477.8	484.9	487.7	482.6	491.8	484.6
87.5°	236.7	245.6	240.7	252.1	249.4	261.0	258.5	269.2	267.2	276.4	275.2
90°	63.9	63.8	70.3	70.7	78.6	80.0	85.6	83.7	89.2	87.6	92.9
92.5°	40.6	43.3	45.9	48.4	50.9	53.6	51.1	48.7	46.5	44.3	41.7
95°	54.2	57.9	61.6	65.3	69.0	72.7	68.8	64.8	60.9	56.9	52.9
97.5°	63.3	67.2	71.2	75.1	79.4	83.3	78.6	73.9	69.3	64.6	59.9
100°	87.7	95.6	103.2	110.9	118.8	126.4	117.8	109.0	100.5	91.7	82.9
102.5°	171.5	189.2	206.9	224.6	242.2	259.9	241.5	223.3	204.6	186.1	167.6
105°	315.4	343.8	372.0	400.4	428.6	457.3	427.2	397.2	367.3	337.4	307.3
107.5°	462.6	490.1	518.0	545.6	573.3	601.2	570.9	540.4	510.3	479.8	449.4
110°	547.6	564.3	581.1	598.1	614.8	631.8	609.7	587.7	565.7	543.6	521.5



TEST NUMBER: P1444619
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CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	565.0	573.8	582.3	591.1	599.7	608.4	592.9	577.4	561.7	546.1	530.4
115°	532.9	535.8	539.0	542.2	545.3	548.4	538.1	527.9	517.5	507.2	496.5
117.5°	472.1	472.3	472.3	472.8	472.6	472.8	467.3	461.8	456.2	450.5	444.9
120°	411.0	409.5	408.0	406.6	404.9	403.2	401.4	399.5	397.3	395.2	393.0
122.5°	358.7	358.1	357.4	356.6	355.6	354.8	354.4	354.2	353.6	353.2	352.6
125°	318.7	319.5	320.2	321.0	321.7	322.4	322.5	322.8	322.8	323.1	323.0
127.5°	292.9	295.0	296.6	298.6	300.2	302.1	302.4	303.3	303.7	304.2	304.7
130°	279.0	281.8	284.3	286.7	289.1	291.8	292.1	292.6	293.1	293.5	293.9
132.5°	272.9	275.7	278.5	281.5	284.1	286.8	287.2	287.7	287.8	288.4	288.7
135°	270.7	273.4	275.9	278.9	281.1	283.8	284.1	284.5	284.5	285.1	285.3
137.5°	270.7	273.4	275.4	277.7	279.8	282.0	282.1	282.5	282.5	283.1	283.2
140°	272.5	274.5	276.2	278.2	279.9	281.8	281.8	282.0	281.9	282.0	281.9
142.5°	275.0	276.6	278.0	279.7	280.9	282.5	282.0	281.8	281.6	281.4	281.1
145°	278.8	280.0	281.1	282.3	282.9	284.3	283.7	283.4	282.7	282.4	281.9
147.5°	281.5	282.4	283.0	284.0	284.4	285.4	284.8	284.3	283.8	283.1	282.5
150°	283.3	284.2	284.8	285.5	285.9	286.8	286.0	285.5	284.7	284.0	283.4
152.5°	284.0	284.6	285.2	285.6	286.2	286.7	285.9	285.5	284.7	283.9	283.1
155°	285.5	286.2	286.5	287.1	287.3	287.7	286.9	286.6	285.9	285.3	284.5
157.5°	288.0	288.6	289.1	289.4	289.7	290.2	289.7	289.3	288.7	288.3	287.7
160°	291.0	291.5	291.9	292.2	292.7	292.8	292.4	292.3	291.9	291.4	290.9
162.5°	294.8	295.4	295.8	296.2	296.7	297.1	296.7	296.4	295.9	295.5	294.8
165°	298.3	298.8	299.3	299.7	299.9	300.3	300.0	299.9	299.4	299.2	298.8
167.5°	302.6	303.3	303.6	304.0	304.2	304.5	304.1	304.2	303.7	303.4	302.9
170°	306.2	306.5	307.0	307.4	307.6	307.8	307.7	307.6	307.3	307.0	306.7
172.5°	309.7	310.0	310.1	310.5	310.6	311.0	310.8	310.5	310.2	309.8	309.5
175°	310.9	311.1	311.4	311.4	311.4	311.5	311.2	310.9	310.7	310.4	310.1
177.5°	312.7	312.7	312.7	312.6	312.6	312.6	312.4	312.2	312.0	311.8	311.5
180°	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2



TEST NUMBER: P1444619
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL15

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40454.7	40437.2	40425.9	40411.4	40402.6	40391.4	40383.2	40376.3	40370.6	40365.4	40361.4
5°	41023.6	40933.1	40863.0	40787.0	40724.6	40662.3	40614.3	40574.5	40547.1	40526.6	40514.4
7.5°	41747.8	41582.3	41435.2	41280.2	41141.3	41004.7	40886.9	40785.5	40709.4	40660.0	40630.1
10°	42394.6	42173.0	41953.9	41723.3	41504.5	41292.4	41096.6	40924.4	40788.0	40697.5	40644.5
12.5°	42684.6	42495.8	42272.1	42021.6	41753.5	41482.3	41218.1	40979.7	40779.6	40645.3	40567.8
15°	42429.2	42351.7	42199.9	42005.5	41751.2	41470.7	41160.4	40868.7	40600.3	40426.3	40325.4
17.5°	41598.6	41706.8	41695.1	41620.8	41437.9	41202.0	40885.7	40558.0	40222.3	39989.7	39862.6
20°	40196.8	40536.9	40709.4	40797.9	40726.1	40573.0	40286.7	39954.1	39562.8	39259.2	39073.9
22.5°	38226.9	38827.3	39201.4	39475.1	39533.2	39481.1	39228.2	38911.9	38475.8	38110.7	37837.1
25°	35691.1	36570.6	37161.9	37625.3	37805.3	37851.8	37636.7	37322.2	36835.9	36410.7	36034.8
27.5°	32704.2	33847.0	34636.4	35259.2	35540.3	35662.2	35464.2	35143.3	34568.1	34060.5	33569.5
30°	29341.5	30697.4	31647.8	32394.6	32737.3	32898.4	32688.0	32329.8	31660.5	31049.6	30431.0
32.5°	25742.5	27226.1	28261.8	29072.8	29412.4	29563.8	29288.7	28886.4	28112.8	27393.2	26671.7
35°	21974.3	23471.8	24516.2	25305.7	25590.2	25681.6	25329.6	24864.6	24007.6	23217.7	22431.1
37.5°	18129.3	19522.6	20471.8	21180.3	21356.4	21372.1	20948.2	20434.5	19533.7	18754.9	17971.9
40°	14317.6	15492.6	16259.0	16826.0	16887.1	16832.6	16371.6	15854.8	15012.1	14314.4	13626.9
42.5°	10727.2	11614.1	12160.9	12549.5	12526.4	12418.7	11996.0	11551.7	10856.4	10325.0	9784.0
45°	7651.2	8235.9	8555.6	8783.0	8710.1	8607.4	8278.4	7967.0	7494.6	7151.3	6787.7
47.5°	5315.4	6013.7	5892.1	6336.7	5953.7	6206.6	5679.8	5389.4	5138.7	4956.3	4750.8
50°	3805.3	3965.4	4042.7	4095.4	4067.4	4028.5	3933.9	3849.3	3734.7	3651.2	3554.0
52.5°	2938.8	3018.7	3062.5	3094.3	3088.1	3073.9	3032.6	2995.0	2941.3	2906.0	2863.3
55°	2489.3	2490.5	2571.0	2536.4	2587.6	2527.7	2551.3	2485.0	2495.7	2438.7	2400.5
57.5°	2068.5	2101.3	2116.0	2130.4	2126.3	2123.8	2107.8	2099.8	2081.7	2076.2	2063.4
60°	1819.5	1836.7	1840.2	1846.8	1841.3	1839.2	1826.6	1822.2	1810.1	1807.9	1799.4
62.5°	1648.8	1657.6	1657.6	1657.6	1650.4	1643.5	1629.7	1622.4	1612.1	1609.9	1604.9
65°	1506.3	1515.5	1516.9	1518.8	1513.6	1508.3	1496.0	1488.2	1477.5	1473.5	1467.9
67.5°	1359.3	1369.0	1372.2	1377.2	1374.2	1373.1	1364.8	1361.6	1354.7	1353.0	1347.8
70°	1243.8	1247.8	1247.5	1247.4	1240.8	1235.0	1225.3	1220.7	1213.4	1211.9	1207.1
72.5°	1175.1	1177.9	1176.2	1173.6	1165.2	1156.5	1145.1	1136.8	1127.3	1121.4	1114.6
75°	1078.4	1082.2	1079.7	1078.1	1070.5	1064.9	1055.8	1051.1	1044.5	1042.5	1037.9
77.5°	959.7	961.5	957.6	957.1	951.3	947.8	940.9	939.7	934.8	934.9	930.5
80°	827.5	826.5	820.2	819.0	813.2	811.8	806.4	806.6	802.8	804.4	801.2
82.5°	680.9	677.2	669.0	666.6	659.9	659.3	655.8	658.7	656.4	659.9	657.8
85°	488.0	489.0	485.4	485.4	483.5	484.1	483.8	486.0	486.3	489.6	489.5
87.5°	272.1	275.9	275.2	278.8	278.6	282.6	284.0	290.0	290.7	296.2	296.2
90°	91.5	97.4	95.8	101.9	101.5	107.9	108.5	114.8	114.7	120.2	119.0
92.5°	39.4	37.1	35.0	32.4	31.2	29.8	29.2	27.4	26.5	25.0	23.9
95°	48.9	45.0	41.0	37.0	35.7	34.2	32.9	31.5	30.2	28.8	27.5
97.5°	55.2	50.6	45.9	41.2	40.0	38.8	37.5	36.3	35.2	34.0	32.8
100°	74.2	65.4	56.9	47.9	47.0	46.0	45.0	44.0	42.9	41.7	40.8
102.5°	149.2	130.5	112.0	93.4	89.9	86.3	82.9	79.2	75.6	72.1	68.7
105°	277.3	247.2	217.2	187.0	177.5	167.9	158.3	148.7	139.1	129.6	120.0
107.5°	418.9	388.4	357.8	327.3	309.8	292.1	274.4	256.6	239.1	221.2	203.5
110°	499.4	477.3	455.1	432.7	418.7	404.5	390.3	376.0	361.8	347.4	333.2



TEST NUMBER: P1444619
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL15

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	514.6	498.9	483.1	467.1	460.9	454.4	448.2	441.7	435.2	428.7	422.3
115°	486.0	475.5	464.9	454.1	452.2	450.0	448.0	445.7	443.7	441.3	439.1
117.5°	439.2	433.5	427.6	421.9	422.5	423.1	423.8	424.1	424.6	424.9	425.2
120°	390.8	388.6	386.5	384.3	386.6	388.8	391.1	393.0	395.2	396.9	398.9
122.5°	352.3	351.7	351.3	350.4	353.3	356.1	358.6	361.3	363.7	365.9	368.3
125°	323.3	323.1	323.2	323.0	326.1	328.9	331.6	334.1	336.6	338.8	341.1
127.5°	305.3	305.7	306.4	306.6	309.1	310.9	313.2	314.9	316.9	318.4	320.0
130°	294.3	294.6	295.1	295.4	297.5	299.6	301.8	303.3	305.1	306.4	307.8
132.5°	289.2	289.4	289.8	290.0	291.8	293.4	295.2	296.3	297.6	298.4	299.4
135°	285.7	285.7	286.1	286.2	287.9	289.7	291.0	292.2	293.6	294.3	295.1
137.5°	283.6	283.6	283.9	284.0	285.5	287.0	288.3	289.5	290.6	291.5	292.1
140°	282.2	282.0	282.3	282.1	283.7	284.9	286.2	287.1	288.3	288.8	289.6
142.5°	280.9	280.4	280.5	280.0	281.2	282.1	283.1	284.0	284.7	285.3	285.6
145°	281.4	280.7	280.4	279.9	280.7	281.5	282.3	283.0	283.5	283.8	284.1
147.5°	282.2	281.4	280.7	280.1	281.0	281.5	282.0	282.4	282.9	283.1	283.3
150°	282.6	281.6	280.8	280.0	280.5	280.9	281.2	281.7	282.0	282.0	282.2
152.5°	282.2	281.4	280.5	279.6	279.9	280.1	280.3	280.3	280.4	280.5	280.5
155°	283.9	283.0	282.2	281.2	281.6	281.6	281.7	281.7	281.5	281.4	281.3
157.5°	287.0	286.1	285.7	284.9	284.9	284.8	284.8	284.3	284.1	283.8	283.4
160°	290.5	289.8	289.3	288.5	288.3	288.1	288.1	287.6	287.4	286.9	286.5
162.5°	294.2	293.6	292.7	292.0	291.8	291.7	291.5	291.0	290.8	290.3	289.9
165°	298.4	297.8	297.4	296.6	296.5	296.2	296.1	295.5	295.2	294.5	294.1
167.5°	302.5	302.1	301.6	300.8	300.7	300.7	300.5	300.1	299.8	299.3	299.1
170°	306.3	305.8	305.5	304.9	304.6	304.5	304.2	303.9	303.4	303.1	302.6
172.5°	309.0	308.6	308.1	307.5	307.5	307.3	307.0	306.9	306.4	306.1	306.0
175°	309.7	309.5	308.9	308.6	308.4	308.3	308.1	308.0	307.7	307.6	307.3
177.5°	311.3	311.1	310.6	310.4	310.3	310.3	310.1	310.0	310.0	309.8	309.7
180°	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2	311.2



TEST NUMBER: P1444619
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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	40202.2	40202.2
2.5°	40357.9	40355.8
5°	40507.9	40505.5
7.5°	40622.0	40621.3
10°	40635.5	40642.5
12.5°	40554.4	40560.0
15°	40317.6	40328.7
17.5°	39865.0	39879.4
20°	39085.2	39100.3
22.5°	37822.3	37828.5
25°	35986.3	35960.1
27.5°	33483.1	33438.3
30°	30301.1	30257.7
32.5°	26507.3	26480.2
35°	22236.6	22219.5
37.5°	17740.4	17705.6
40°	13375.5	13273.9
42.5°	9547.1	9368.8
45°	6597.9	6386.5
47.5°	4606.0	4475.4
50°	3491.2	3449.1
52.5°	2844.8	2835.0
55°	2400.3	2396.0
57.5°	2066.2	2064.7
60°	1803.9	1803.5
62.5°	1608.3	1609.0
65°	1470.5	1470.8
67.5°	1349.2	1348.3
70°	1208.9	1207.9
72.5°	1112.4	1110.8
75°	1037.9	1036.9
77.5°	931.8	930.2
80°	803.4	801.2
82.5°	660.8	658.4
85°	492.9	493.0
87.5°	301.6	301.5
90°	124.2	122.1
92.5°	23.0	22.1
95°	26.1	24.8
97.5°	31.6	30.5
100°	39.8	38.8
102.5°	65.1	61.6
105°	110.4	100.9
107.5°	185.8	168.2
110°	318.9	304.7



TEST NUMBER: P1444619
CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL15

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	415.7	409.2
115°	436.3	434.0
117.5°	425.4	425.5
120°	400.5	402.2
122.5°	370.0	372.1
125°	343.0	345.0
127.5°	321.1	322.3
130°	308.4	309.6
132.5°	299.9	300.3
135°	295.5	295.9
137.5°	292.3	292.6
140°	289.6	289.9
142.5°	285.7	285.8
145°	284.3	284.3
147.5°	282.9	283.0
150°	282.0	281.9
152.5°	280.1	280.0
155°	280.9	280.6
157.5°	282.7	282.4
160°	285.9	285.5
162.5°	289.3	288.9
165°	293.3	292.7
167.5°	298.4	298.2
170°	302.2	302.0
172.5°	305.5	305.2
175°	307.2	307.0
177.5°	309.7	309.4
180°	311.2	311.2

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: SP1-2506-472-4

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L850-N

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

Test Information

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

Spectral Parameters

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

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



Test Conditions

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

REPORT NUMBER: SP1-2506-472-4

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

REPORT NUMBER: SP1-2506-472-4

CIE 1931 Chromaticity Diagram



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

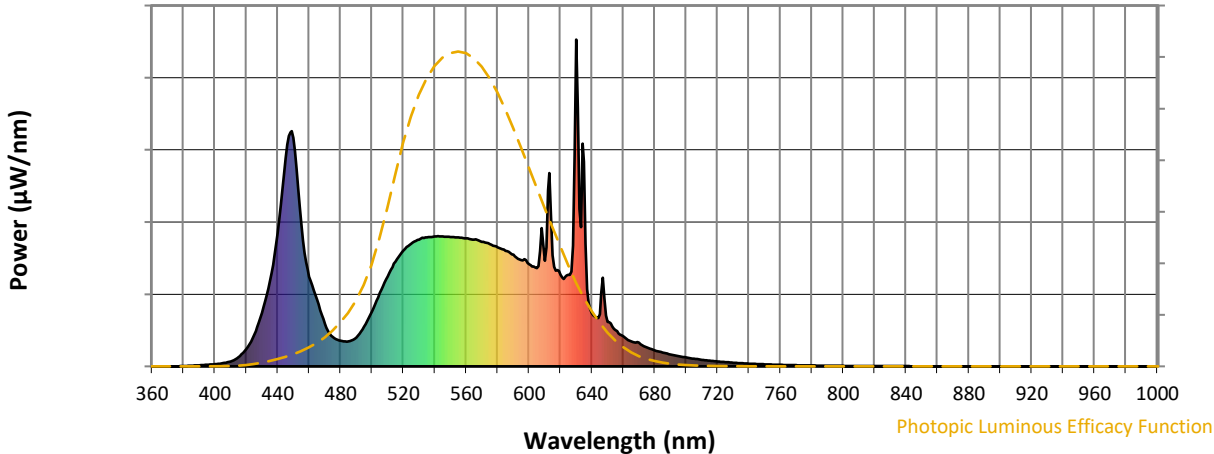


CCT = 4875K
 CIE x = 0.3488
 CIE y = 0.3555
 Duv = 0.0005

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-4

Photopic Flux vs. Wavelength



Photopic Lumens: NR

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

REPORT NUMBER: SP1-2506-472-4

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.82

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

REPORT NUMBER: SP1-2506-472-4

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.71

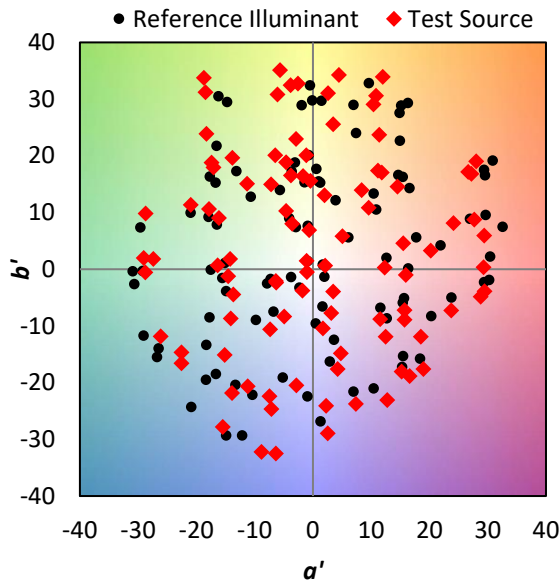
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	89	NR	620	280	NR	750	6	NR	880	0	NR
365	0	NR	495	121	NR	625	280	NR	755	5	NR	885	0	NR
370	0	NR	500	168	NR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

Summary

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

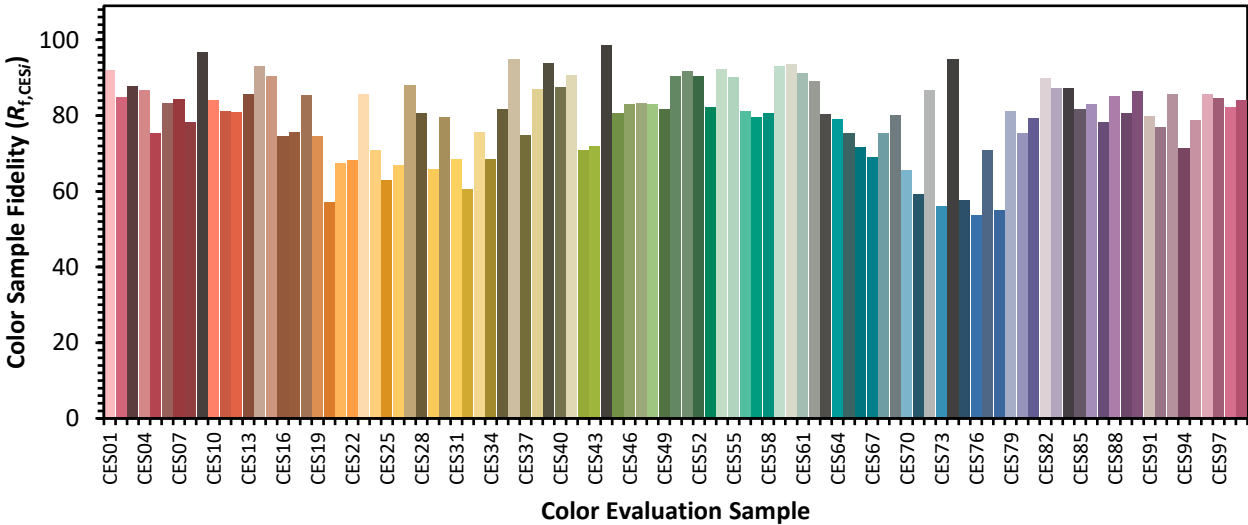


Color Vector Graphics

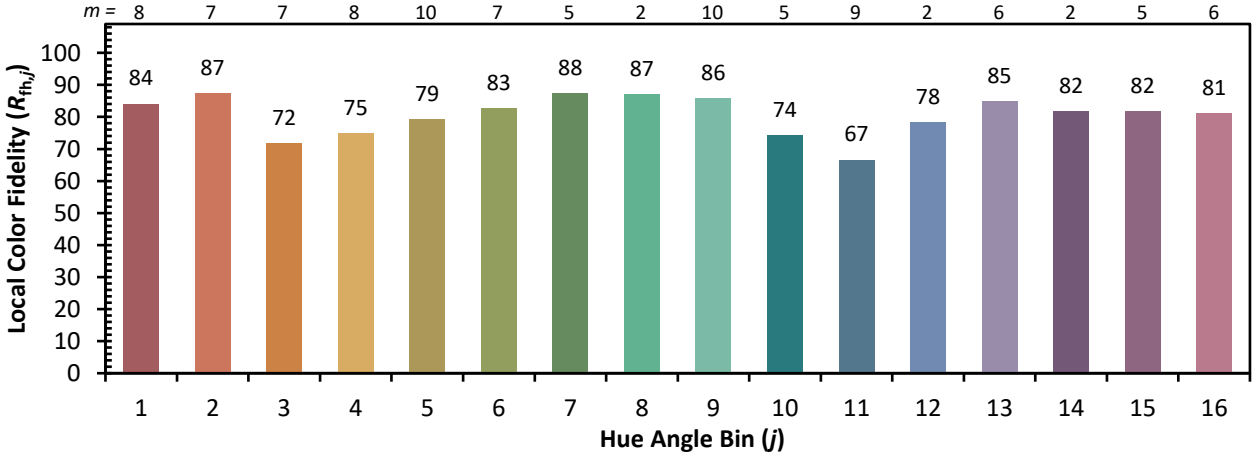


Individual Sample Fidelity Index ($R_{f,i}$)

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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)