

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: P1444601

Luminaire Tested: EHBR1-30-UNV-TA-L850

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444601
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (C80-8019A)
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-30-UNV-TA-L850
Description: Elevate Round Highbay at, 30000 lumens, 5000K 80CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

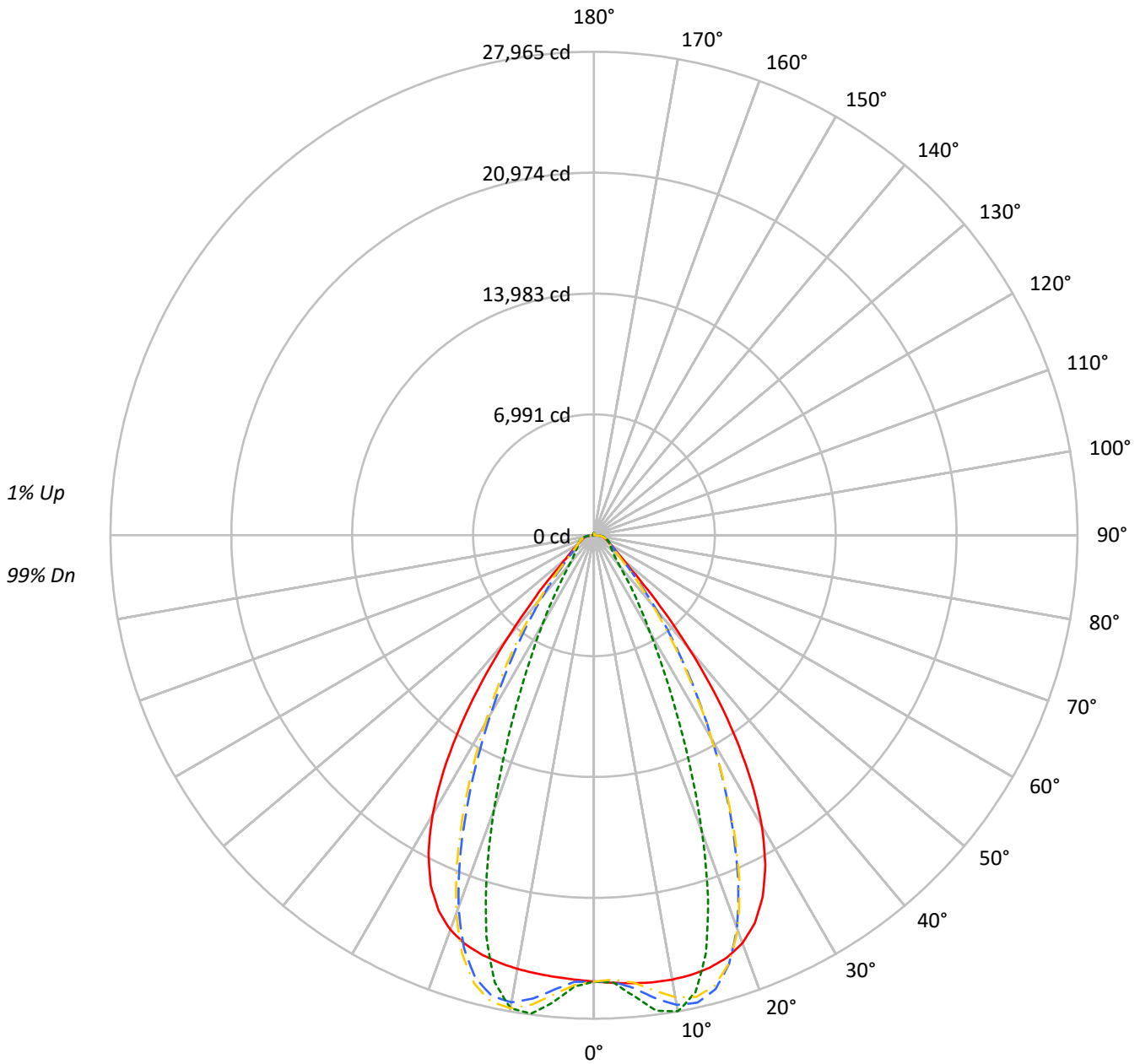
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 29885.8 lumens
Efficiency: N/A
Efficacy: 187.0 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 0.77 / 0.88
Luminous Opening: Circular (Dia: 1.71' x H: 0')
CIE Type: Direct

Input Watts (W): 159.8
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				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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99			
1	112	108	105	103	109	106	103	101	102	100	98	98	96	95	94	93	92	90			
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81			
3	99	91	85	81	97	90	84	80	87	82	79	84	81	77	82	79	76	74			
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68			
5	88	78	72	67	86	77	71	66	75	70	66	73	69	65	72	68	64	63			
6	83	73	66	61	81	72	66	61	70	65	60	69	64	60	67	63	60	58			
7	78	68	61	57	77	67	61	56	66	60	56	65	59	56	63	59	55	54			
8	74	64	57	53	73	63	57	52	62	56	52	61	56	52	60	55	52	50			
9	70	60	53	49	69	59	53	49	58	53	49	57	52	48	56	52	48	47			
10	67	56	50	46	66	56	50	46	55	49	46	54	49	45	53	49	45	44			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	121223	121223	121223	121223
5°	122604	126180	120888	127832
10°	124441	133350	121457	132468
15°	125894	121696	122062	116796
20°	125467	91295	121361	84470
25°	119641	58168	115687	52777
30°	105352	35234	101271	32201
35°	81791	22303	77087	19757
40°	52249	14128	47804	13276
45°	27234	11131	26783	10948
50°	16179	10032	15683	9876
55°	12595	9645	12130	9558
60°	10876	10054	10413	9924
65°	10494	10786	10092	10419
70°	10649	11731	10118	11291
75°	12080	13200	11425	12618
80°	13914	16267	12616	14850
85°	17059	20437	13783	17495

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 41679 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2544.0	8.5
10°-20°	7156.5	23.9
20°-30°	8150.7	27.3
30°-40°	5858.4	19.6
40°-50°	2701.9	9.0
50°-60°	1293.0	4.3
60°-70°	943.4	3.2
70°-80°	716.7	2.4
80°-90°	326.0	1.1
90°-100°	10.6	0.0
100°-110°	7.6	0.0
110°-120°	13.0	0.0
120°-130°	21.8	0.1
130°-140°	32.1	0.1
140°-150°	38.2	0.1
150°-160°	35.9	0.1
160°-170°	26.2	0.1
170°-180°	9.9	0.0
0°-30°	17851.2	59.7
0°-40°	23709.5	79.3
0°-60°	27704.4	92.7
0°-90°	29690.5	99.3
90°-120°	31.2	0.1
90°-150°	123.3	0.4
90°-180°	195.0	0.7
0°-180°	29885.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	25814	25814	25814	25814	25814	
5°	26008	26767	25644	27117	26008	2485
15°	25895	25031	25106	24023	25895	7296
25°	23090	11226	22327	10186	23090	10467
35°	14267	3890	13446	3446	14267	8756
45°	4101	1676	4033	1648	4101	3488
55°	1538	1178	1482	1167	1538	1420
65°	944	971	908	938	944	943
75°	666	728	630	695	666	692
85°	317	379	256	325	317	297
90°	72	94	11	16	72	47
95°	4	4	4	4	4	4
105°	8	6	8	6	8	9
115°	17	8	18	9	17	17
125°	33	14	34	16	33	29
135°	52	28	54	31	52	40
145°	69	51	71	55	69	43
155°	81	73	83	76	81	37
165°	95	90	97	92	95	27
175°	105	105	106	105	105	10
180°	107	107	107	107	107	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6
2.5°	25912.2	25910.1	25909.8	25907.9	25907.5	25907.5	25906.6	25904.5	25903.2	25900.2	25896.8
5°	26008.4	26007.2	26007.9	26008.1	26006.3	26002.3	25995.9	25988.2	25978.4	25969.3	25961.0
7.5°	26082.7	26084.5	26086.9	26086.4	26080.7	26071.2	26058.3	26051.0	26055.3	26069.4	26101.6
10°	26096.3	26107.4	26111.7	26110.3	26099.0	26091.0	26094.1	26121.4	26175.9	26248.5	26347.9
12.5°	26043.4	26057.0	26056.5	26052.0	26041.1	26052.2	26091.8	26173.2	26289.9	26433.1	26601.2
15°	25894.8	25912.4	25907.5	25901.6	25894.3	25930.8	26009.9	26151.3	26331.5	26533.5	26740.3
17.5°	25606.4	25627.6	25617.3	25610.7	25604.6	25672.8	25808.8	26015.8	26242.8	26471.3	26667.3
20°	25106.1	25120.3	25095.7	25084.2	25093.9	25227.8	25427.9	25692.4	25931.7	26147.7	26281.6
22.5°	24289.5	24307.2	24261.0	24255.6	24312.7	24518.3	24771.6	25067.2	25292.0	25463.3	25514.9
25°	23089.8	23107.2	23052.3	23085.1	23182.2	23462.2	23763.9	24080.1	24271.9	24398.7	24363.7
27.5°	21470.5	21486.5	21434.4	21501.4	21654.7	22022.7	22377.8	22720.8	22891.7	22980.6	22867.9
30°	19428.3	19461.3	19399.8	19493.3	19727.4	20205.1	20611.9	20996.5	21167.0	21234.6	21059.4
32.5°	17002.7	17049.7	16981.9	17121.0	17447.6	18021.4	18483.6	18913.4	19101.9	19179.1	18981.2
35°	14267.0	14334.4	14256.6	14465.3	14868.2	15507.1	16019.0	16498.7	16722.0	16831.5	16632.0
37.5°	11368.7	11432.8	11390.7	11669.3	12111.6	12773.9	13296.3	13813.9	14066.1	14230.4	14073.1
40°	8523.1	8581.9	8613.7	8932.2	9348.2	9972.5	10474.2	10986.4	11268.5	11474.7	11377.6
42.5°	6015.7	6074.8	6183.1	6490.4	6837.4	7354.1	7784.0	8243.8	8513.2	8733.1	8695.8
45°	4100.7	4169.5	4305.1	4556.8	4807.8	5178.5	5494.1	5851.6	6071.8	6273.2	6275.7
47.5°	2873.6	2921.9	3043.1	3214.9	3378.5	3842.6	3861.6	4037.4	4185.4	4336.0	4355.5
50°	2214.6	2243.7	2308.0	2403.7	2496.5	2616.9	2727.2	2854.6	2945.7	3028.2	3047.9
52.5°	1820.3	1838.7	1871.4	1923.3	1977.1	2042.6	2101.7	2171.6	2221.1	2265.3	2274.6
55°	1538.4	1553.8	1602.5	1612.3	1673.8	1685.7	1711.9	1754.4	1783.2	1809.7	1816.3
57.5°	1325.8	1336.9	1347.2	1369.3	1388.3	1415.8	1438.0	1468.5	1486.7	1505.8	1507.4
60°	1158.0	1166.0	1173.3	1188.7	1201.6	1220.8	1236.0	1256.8	1269.8	1284.1	1285.8
62.5°	1033.2	1038.9	1043.8	1053.9	1063.0	1077.8	1089.9	1107.2	1119.4	1130.5	1133.0
65°	944.4	948.6	951.7	959.4	967.4	979.9	990.9	1005.1	1014.0	1022.5	1024.3
67.5°	865.7	869.7	873.0	879.9	885.5	894.9	902.2	912.8	919.6	926.4	926.6
70°	775.6	779.3	781.8	788.3	792.8	800.9	806.7	816.4	823.2	830.8	832.7
72.5°	713.2	715.4	718.7	724.7	730.9	739.6	747.4	757.4	765.7	773.5	776.9
75°	665.8	668.3	670.5	675.6	679.9	687.2	693.1	702.2	709.5	717.8	722.0
77.5°	597.2	600.3	602.1	607.2	611.0	618.0	622.3	630.4	636.4	644.1	647.8
80°	514.5	517.3	518.6	523.4	526.4	532.8	537.1	545.0	549.9	557.5	562.1
82.5°	422.8	425.4	426.2	430.7	432.3	437.6	440.7	448.8	454.9	464.8	471.8
85°	316.6	317.6	319.0	317.9	324.3	324.7	332.0	333.3	342.9	345.4	356.3
87.5°	193.5	196.5	197.8	202.3	204.1	208.5	209.9	214.6	217.2	222.5	225.0
90°	71.6	75.3	76.1	80.6	81.3	85.3	85.7	90.1	90.9	95.6	96.4
92.5°	4.3	4.3	4.2	4.5	4.5	5.1	5.4	5.5	5.6	6.1	6.2
95°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3
97.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.9
100°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.5
102.5°	6.7	6.7	6.7	6.7	6.7	6.6	6.7	6.6	6.6	6.6	6.4
105°	8.0	7.9	8.0	7.9	7.9	7.9	7.9	7.7	7.7	7.6	7.6
107.5°	9.4	9.3	9.3	9.3	9.3	9.2	9.2	9.1	9.1	8.9	8.9
110°	11.6	11.4	11.4	11.3	11.2	11.2	11.1	10.8	10.8	10.6	10.5



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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°	14.0	13.9	13.8	13.7	13.6	13.3	13.2	13.0	12.9	12.7	12.5
115°	16.9	16.7	16.6	16.4	16.3	16.0	15.8	15.5	15.3	14.9	14.7
117.5°	20.3	20.1	19.9	19.7	19.4	19.1	18.8	18.4	18.0	17.6	17.3
120°	24.2	23.9	23.7	23.2	22.9	22.4	22.1	21.6	21.1	20.5	20.2
122.5°	28.3	27.9	27.7	27.2	26.8	26.2	25.8	25.0	24.7	24.1	23.6
125°	32.8	32.3	32.1	31.5	31.0	30.5	29.9	29.2	28.6	27.8	27.3
127.5°	37.5	37.1	36.7	36.0	35.5	34.9	34.2	33.4	32.8	31.8	31.2
130°	42.3	42.0	41.6	40.9	40.3	39.5	38.7	37.9	37.2	36.2	35.5
132.5°	47.3	47.0	46.5	45.9	45.2	44.2	43.5	42.4	41.7	40.9	40.0
135°	52.4	51.8	51.4	50.7	50.0	49.1	48.2	47.2	46.4	45.4	44.6
137.5°	57.0	56.6	56.1	55.3	54.6	53.5	52.8	51.8	50.9	49.8	49.0
140°	61.5	61.0	60.5	59.7	59.0	58.2	57.2	56.3	55.3	54.2	53.4
142.5°	65.7	65.1	64.6	63.9	63.3	62.3	61.4	60.4	59.5	58.4	57.7
145°	69.3	68.9	68.4	67.8	67.0	66.0	65.2	64.2	63.5	62.5	61.6
147.5°	72.7	72.2	71.8	71.2	70.6	69.6	68.9	67.9	67.2	66.3	65.6
150°	75.6	75.2	74.9	74.4	73.7	72.9	72.1	71.4	70.6	69.7	69.1
152.5°	78.2	77.7	77.4	76.8	76.2	75.3	74.9	74.1	73.4	72.6	71.9
155°	81.1	80.6	80.2	79.7	79.1	78.5	77.8	77.1	76.5	75.7	75.2
157.5°	84.4	83.8	83.4	82.7	82.4	81.7	81.1	80.4	79.9	79.3	78.8
160°	87.9	87.4	86.9	86.3	85.9	85.2	84.7	84.0	83.6	82.9	82.5
162.5°	91.6	91.1	90.6	90.0	89.6	88.9	88.4	87.9	87.4	86.7	86.2
165°	95.2	94.8	94.3	93.8	93.4	92.9	92.4	91.8	91.4	90.8	90.4
167.5°	98.7	98.2	97.9	97.4	97.0	96.7	96.2	95.7	95.4	94.8	94.4
170°	101.6	101.1	100.9	100.6	100.2	99.8	99.5	99.1	98.7	98.3	98.0
172.5°	103.7	103.3	103.1	102.9	102.5	102.4	102.1	101.8	101.6	101.2	101.1
175°	105.3	105.0	104.9	104.7	104.6	104.4	104.3	104.1	104.1	103.8	103.6
177.5°	106.4	106.3	106.3	106.2	106.2	106.1	106.0	105.8	105.7	105.7	105.6
180°	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6
2.5°	25894.3	25891.2	25886.9	25881.5	25876.8	25871.3	25858.4	25854.6	25858.9	25861.7	25867.6
5°	25955.8	25957.7	25958.4	25970.1	25980.3	26005.6	26204.2	26283.1	26344.2	26382.9	26441.8
7.5°	26141.4	26201.1	26260.1	26339.5	26408.0	26500.5	26847.9	26995.9	27101.0	27176.6	27269.6
10°	26455.7	26586.1	26708.2	26851.3	26974.3	27115.3	27438.7	27582.8	27673.7	27739.9	27801.8
12.5°	26772.4	26953.1	27116.4	27275.7	27408.9	27531.0	27644.8	27695.2	27699.5	27701.6	27668.8
15°	26937.3	27110.1	27254.0	27359.3	27437.6	27472.2	27276.4	27173.7	27043.8	26936.8	26760.9
17.5°	26833.2	26936.8	26999.0	26992.9	26960.6	26852.3	26297.6	25992.5	25689.6	25416.7	25058.8
20°	26370.4	26362.6	26308.5	26155.3	25970.8	25683.7	24732.8	24184.2	23653.7	23187.8	22622.6
22.5°	25509.6	25374.1	25185.2	24855.0	24488.1	23986.7	22623.9	21816.9	21078.4	20426.1	19695.3
25°	24262.2	23983.5	23635.1	23110.9	22540.7	21809.4	20129.7	19125.9	18239.2	17470.3	16627.0
27.5°	22665.8	22246.0	21735.5	21009.9	20237.4	19300.5	17438.3	16330.5	15378.7	14554.2	13656.7
30°	20775.7	20229.7	19570.6	18670.0	17738.3	16675.7	14786.9	13664.9	12701.5	11853.4	10955.2
32.5°	18639.8	18000.4	17228.0	16217.1	15209.5	14117.0	12293.0	11206.9	10286.5	9470.5	8657.7
35°	16284.1	15598.3	14781.1	13750.1	12748.6	11686.4	10012.8	9033.4	8220.7	7499.4	6843.0
37.5°	13757.1	13083.8	12307.1	11335.4	10406.7	9444.1	8000.0	7179.4	6497.3	5898.7	5391.8
40°	11129.8	10540.5	9868.5	9028.4	8235.8	7434.2	6248.8	5597.3	5059.1	4602.6	4222.8
42.5°	8534.5	8078.0	7562.6	6898.7	6292.2	5681.8	4769.5	4286.8	3888.2	3559.5	3291.0
45°	6192.1	5886.7	5541.0	5079.5	4659.8	4234.1	3584.7	3245.5	2985.9	2774.0	2594.8
47.5°	4328.6	4151.4	4140.6	3714.1	3406.3	3146.0	2727.7	2513.5	2354.4	2226.0	2112.6
50°	3039.9	2954.1	2847.6	2695.5	2552.6	2405.5	2150.6	2021.1	1927.9	1850.1	1778.4
52.5°	2272.5	2228.0	2171.3	2090.6	2013.2	1930.4	1769.1	1686.7	1657.4	1584.9	1528.1
55°	1815.2	1789.6	1757.3	1709.9	1662.8	1643.9	1505.7	1444.5	1405.7	1377.2	1346.6
57.5°	1507.7	1488.7	1469.6	1437.4	1410.2	1377.2	1303.8	1272.3	1249.4	1232.5	1211.3
60°	1286.1	1274.7	1264.0	1245.1	1230.4	1212.6	1166.0	1148.3	1136.3	1126.1	1112.6
62.5°	1135.1	1129.2	1123.7	1113.7	1106.2	1096.5	1064.7	1056.1	1050.2	1045.0	1036.9
65°	1026.2	1022.0	1018.8	1012.1	1008.4	1002.8	975.4	969.7	966.0	964.1	959.4
67.5°	927.1	922.8	920.7	916.0	914.4	910.9	888.5	885.3	884.1	884.6	883.0
70°	834.5	832.7	833.7	832.9	835.0	835.6	822.1	822.0	823.4	826.3	826.6
72.5°	779.0	779.0	780.1	780.5	782.6	783.6	772.3	771.7	772.4	774.4	774.5
75°	726.2	727.1	729.9	730.9	733.3	733.8	718.8	717.2	717.3	719.2	718.5
77.5°	653.1	656.3	661.8	664.6	669.2	670.0	653.3	651.3	651.4	653.4	651.6
80°	570.2	576.2	584.9	590.9	598.0	600.9	583.7	579.5	575.7	575.1	571.7
82.5°	482.1	489.5	499.9	505.3	512.8	514.6	485.8	480.3	477.1	477.4	474.2
85°	368.1	373.6	383.1	386.1	390.8	390.5	357.5	343.4	347.1	341.3	346.0
87.5°	230.8	234.1	240.1	240.8	243.0	242.5	209.4	202.9	201.0	201.1	198.7
90°	100.8	102.0	106.2	105.3	107.9	106.4	78.7	74.7	73.1	75.2	72.7
92.5°	6.6	6.6	6.9	7.0	7.3	7.5	4.6	3.8	4.1	3.9	4.3
95°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.2
97.5°	4.9	4.9	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.6	4.6
100°	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.4	5.2	5.2
102.5°	6.3	6.3	6.2	6.1	6.0	6.0	6.1	6.1	6.0	5.8	5.7
105°	7.5	7.4	7.3	7.0	6.9	6.8	7.0	6.9	6.8	6.7	6.6
107.5°	8.7	8.6	8.3	8.2	8.1	7.9	8.2	8.1	7.9	7.6	7.5
110°	10.3	10.0	9.8	9.5	9.2	9.1	9.4	9.2	9.1	8.8	8.6



TEST NUMBER: P1444601
 CATALOG NUMBER: EHBR1-30-UNV-TA-L850

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	12.1	11.9	11.6	11.2	10.8	10.5	11.1	11.0	10.6	10.1	9.9
115°	14.2	14.0	13.6	13.2	12.9	12.4	13.0	12.9	12.5	12.0	11.6
117.5°	16.8	16.4	16.0	15.5	14.9	14.4	15.4	15.1	14.5	14.0	13.6
120°	19.7	19.3	18.7	18.2	17.5	16.9	18.0	17.8	17.2	16.5	16.0
122.5°	23.0	22.4	21.7	21.1	20.4	19.8	21.0	20.8	20.1	19.4	18.8
125°	26.6	25.9	25.2	24.6	23.8	23.1	24.6	24.2	23.6	22.8	22.1
127.5°	30.5	29.9	29.1	28.4	27.5	26.8	28.3	28.0	27.3	26.5	25.6
130°	34.8	34.0	33.1	32.3	31.5	30.8	32.4	32.2	31.4	30.5	29.8
132.5°	39.1	38.4	37.4	36.7	35.9	35.0	36.8	36.6	36.0	35.0	34.3
135°	43.6	42.8	42.0	41.2	40.3	39.6	41.6	41.5	40.8	39.8	39.0
137.5°	48.0	47.2	46.4	45.8	44.9	44.1	46.5	46.4	45.8	44.8	44.1
140°	52.7	51.8	51.0	50.3	49.5	48.9	51.4	51.4	50.8	50.0	49.3
142.5°	56.8	56.1	55.3	54.7	53.9	53.3	56.3	56.4	55.8	55.0	54.4
145°	60.7	60.2	59.4	58.8	58.2	57.7	60.9	61.2	60.7	60.1	59.5
147.5°	64.6	64.1	63.5	62.9	62.3	62.0	65.6	66.0	65.6	65.0	64.5
150°	68.3	67.8	67.1	66.6	66.2	65.8	70.1	70.8	70.4	70.0	69.5
152.5°	71.3	70.7	70.1	69.6	69.2	68.9	74.5	75.3	75.1	74.7	74.4
155°	74.7	74.1	73.5	73.1	72.6	72.4	78.8	79.9	79.6	79.3	79.0
157.5°	78.2	77.6	77.0	76.6	76.2	75.8	82.7	84.3	83.9	83.6	83.3
160°	81.9	81.4	80.8	80.4	80.0	79.6	86.8	88.3	88.1	87.7	87.4
162.5°	85.8	85.5	84.9	84.4	83.9	83.6	90.8	92.4	92.0	91.7	91.5
165°	90.0	89.5	89.0	88.7	88.2	87.9	94.8	96.3	96.1	95.7	95.4
167.5°	93.9	93.6	93.2	92.9	92.5	92.3	98.7	100.1	99.9	99.5	99.3
170°	97.6	97.4	97.1	97.0	96.8	96.7	102.0	103.1	103.0	102.6	102.5
172.5°	100.9	100.8	100.6	100.4	100.2	100.1	104.6	105.6	105.5	105.3	105.0
175°	103.5	103.3	103.2	103.2	103.1	103.0	106.6	107.4	107.3	107.1	106.9
177.5°	105.6	105.5	105.5	105.5	105.5	105.5	107.7	108.1	108.1	108.1	108.0
180°	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1



TEST NUMBER: P1444601
 CATALOG NUMBER: EHBR1-30-UNV-TA-L850

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6
2.5°	25869.0	25878.1	25879.4	25890.0	25889.2	25901.8	25899.8	25910.1	25904.1	25912.6	25905.4
5°	26476.6	26531.7	26560.5	26614.2	26631.2	26679.4	26693.0	26736.9	26738.7	26773.6	26765.6
7.5°	27335.6	27416.8	27465.0	27531.5	27565.2	27620.6	27645.0	27685.9	27699.2	27731.7	27734.1
10°	27848.6	27888.0	27915.6	27934.1	27951.0	27959.0	27968.2	27965.8	27968.2	27964.6	27972.5
12.5°	27646.8	27589.3	27551.1	27479.0	27437.2	27357.5	27318.3	27241.7	27213.9	27148.1	27138.6
15°	26625.0	26424.3	26282.4	26076.3	25946.6	25743.7	25625.0	25441.9	25358.3	25212.8	25174.6
17.5°	24762.5	24390.0	24101.6	23731.7	23475.1	23129.4	22912.0	22625.9	22469.2	22238.5	22158.6
20°	22151.5	21600.2	21167.7	20652.5	20283.8	19824.3	19530.3	19159.4	18944.0	18660.6	18545.8
22.5°	19086.0	18399.5	17859.5	17250.8	16806.0	16294.0	15941.7	15540.3	15306.1	14998.2	14861.9
25°	15926.3	15169.4	14569.0	13927.7	13457.7	12944.5	12592.0	12197.8	11955.4	11663.1	11527.6
27.5°	12904.4	12138.3	11558.0	10961.7	10530.6	10067.6	9749.6	9405.3	9190.2	8940.7	8813.3
30°	10237.7	9562.0	9068.1	8573.3	8214.7	7838.6	7574.3	7289.1	7100.3	6886.7	6765.2
32.5°	8065.0	7543.3	7156.7	6764.1	6470.6	6156.2	5927.9	5676.2	5505.8	5315.0	5205.1
35°	6387.4	5982.1	5673.6	5350.5	5098.2	4830.6	4629.4	4412.1	4259.3	4095.0	4000.0
37.5°	5046.7	4724.4	4470.5	4202.1	3995.0	3773.2	3698.6	3449.3	3290.8	3159.7	3068.9
40°	3960.6	3704.4	3494.4	3289.1	3120.1	2951.9	2817.0	2683.8	2581.5	2487.7	2422.9
42.5°	3093.0	2907.2	2753.9	2603.5	2480.3	2357.8	2259.9	2168.2	2099.3	2038.0	1996.2
45°	2458.7	2331.0	2224.5	2118.6	2031.6	1949.8	1884.0	1825.5	1781.0	1744.1	1718.0
47.5°	2020.0	1932.5	1857.3	1785.9	1726.8	1673.2	1629.1	1614.8	1566.9	1534.7	1522.4
50°	1716.6	1663.9	1606.7	1554.1	1514.6	1475.4	1446.8	1418.8	1400.8	1386.0	1381.6
52.5°	1490.3	1449.9	1418.2	1384.8	1358.8	1330.9	1311.1	1292.5	1282.7	1274.9	1273.9
55°	1322.0	1293.9	1272.7	1250.3	1234.8	1218.4	1208.2	1198.4	1194.1	1190.1	1190.4
57.5°	1194.7	1175.9	1162.1	1147.6	1139.2	1131.4	1128.8	1126.3	1127.7	1128.2	1130.4
60°	1101.9	1089.6	1081.1	1072.7	1069.2	1066.7	1068.6	1070.8	1075.3	1078.9	1082.2
62.5°	1030.8	1023.8	1019.6	1015.2	1014.8	1015.0	1018.8	1022.5	1028.2	1032.4	1035.5
65°	957.6	953.6	952.3	949.4	950.8	951.7	956.3	959.2	964.8	968.1	972.2
67.5°	883.7	882.8	883.6	883.6	886.2	888.4	892.8	896.0	900.8	903.9	907.1
70°	829.0	829.4	831.5	831.8	834.6	836.1	839.9	842.1	846.3	849.0	852.9
72.5°	776.0	775.1	775.6	774.3	775.3	774.9	777.0	778.1	781.7	783.8	788.5
75°	719.4	717.1	716.5	713.9	714.0	712.2	713.0	712.9	715.3	716.3	719.7
77.5°	651.2	647.1	645.2	640.8	640.7	639.2	640.8	641.9	646.1	648.1	652.0
80°	569.4	563.1	560.2	555.3	556.2	555.9	560.0	563.2	568.3	569.3	574.3
82.5°	473.3	466.9	463.8	458.9	460.1	460.2	464.0	464.6	469.1	471.1	476.8
85°	338.9	341.3	334.6	335.1	333.6	336.2	338.9	342.1	345.9	352.0	356.9
87.5°	199.6	198.7	201.1	201.4	204.8	206.7	212.2	215.3	221.6	226.4	235.3
90°	73.7	71.3	74.0	73.7	77.8	77.6	81.2	80.3	84.6	85.6	90.9
92.5°	3.9	4.2	3.9	4.1	3.9	4.3	3.9	4.2	3.9	4.3	3.9
95°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
97.5°	4.6	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
100°	5.1	5.1	5.1	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
102.5°	5.7	5.6	5.6	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
105°	6.4	6.3	6.2	6.1	6.1	6.0	6.0	5.8	5.8	5.8	5.8
107.5°	7.3	7.1	7.0	6.9	6.8	6.7	6.6	6.6	6.4	6.4	6.4
110°	8.3	8.1	8.0	7.7	7.6	7.5	7.3	7.3	7.1	7.0	7.0



TEST NUMBER: P1444601
 CATALOG NUMBER: EHBR1-30-UNV-TA-L850

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	9.5	9.2	8.9	8.7	8.5	8.3	8.2	8.1	8.0	7.9	7.7
115°	11.1	10.7	10.3	10.0	9.7	9.3	9.1	9.1	8.8	8.7	8.6
117.5°	13.0	12.6	12.0	11.6	11.2	10.8	10.5	10.1	9.9	9.8	9.7
120°	15.3	14.7	14.0	13.6	13.0	12.6	12.1	11.8	11.4	11.3	11.1
122.5°	18.0	17.3	16.5	16.0	15.3	14.7	14.1	13.8	13.3	13.0	12.9
125°	21.1	20.3	19.6	18.8	18.0	17.4	16.7	16.2	15.7	15.4	14.9
127.5°	24.8	23.9	23.0	22.2	21.2	20.5	19.8	19.3	18.6	18.1	17.6
130°	28.8	27.9	26.9	26.1	25.0	24.3	23.6	22.9	22.2	21.6	21.0
132.5°	33.3	32.4	31.4	30.5	29.6	28.7	27.8	27.1	26.2	25.6	25.0
135°	38.1	37.3	36.2	35.4	34.4	33.6	32.7	31.8	31.1	30.5	29.8
137.5°	43.2	42.3	41.6	40.8	39.7	38.9	37.9	37.2	36.2	35.8	35.0
140°	48.4	47.7	46.8	46.0	45.2	44.5	43.5	42.8	42.0	41.5	40.8
142.5°	53.5	52.9	52.2	51.5	50.7	50.0	49.2	48.5	47.7	47.1	46.5
145°	58.8	58.2	57.6	56.9	56.3	55.7	54.8	54.2	53.5	53.0	52.6
147.5°	64.0	63.5	62.9	62.3	61.6	61.0	60.4	60.0	59.2	58.8	58.2
150°	69.0	68.5	67.9	67.6	66.9	66.4	65.8	65.3	64.7	64.4	63.9
152.5°	73.8	73.4	72.9	72.5	71.9	71.5	71.0	70.6	70.1	69.7	69.2
155°	78.5	78.1	77.6	77.2	76.6	76.3	75.8	75.3	75.0	74.7	74.2
157.5°	82.9	82.6	82.1	81.8	81.2	80.8	80.4	80.1	79.6	79.3	78.9
160°	87.0	86.7	86.2	85.9	85.6	85.2	84.7	84.4	83.9	83.6	83.1
162.5°	91.1	90.7	90.4	90.0	89.6	89.3	88.8	88.4	88.0	87.6	87.1
165°	95.0	94.6	94.2	93.8	93.6	93.2	92.7	92.4	91.9	91.6	91.2
167.5°	98.9	98.6	98.2	97.9	97.4	97.1	96.9	96.5	96.1	95.7	95.2
170°	102.3	101.9	101.7	101.3	101.0	100.7	100.4	100.0	99.6	99.4	98.9
172.5°	104.8	104.7	104.5	104.3	103.9	103.7	103.5	103.2	102.9	102.6	102.5
175°	106.8	106.7	106.6	106.3	106.2	106.0	105.8	105.7	105.5	105.4	105.1
177.5°	108.0	107.9	107.9	107.7	107.6	107.6	107.5	107.5	107.4	107.3	107.3
180°	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1



TEST NUMBER: P1444601
 CATALOG NUMBER: EHBR1-30-UNV-TA-L850

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6
2.5°	25912.9	25906.3	25909.5	25897.3	25900.2	25885.6	25884.2	25867.6	25866.0	25850.4	25844.6
5°	26790.3	26775.8	26792.1	26766.8	26771.7	26738.7	26736.0	26693.3	26678.6	26625.1	26602.1
7.5°	27754.5	27749.1	27759.0	27737.8	27737.1	27707.6	27695.5	27657.2	27633.5	27577.5	27541.6
10°	27965.8	27970.8	27962.6	27964.6	27953.1	27949.9	27938.2	27930.7	27911.5	27897.0	27875.6
12.5°	27088.6	27093.8	27060.4	27081.6	27064.8	27104.0	27100.9	27146.9	27154.0	27212.4	27234.5
15°	25061.3	25055.0	24990.7	25031.2	25009.5	25095.4	25114.6	25230.2	25292.0	25440.4	25531.6
17.5°	21998.7	21982.2	21891.7	21941.1	21916.0	22042.6	22085.2	22269.9	22385.2	22624.3	22794.7
20°	18348.1	18316.4	18210.6	18268.2	18242.4	18386.3	18447.0	18670.4	18819.0	19135.7	19361.0
22.5°	14652.0	14602.0	14498.3	14552.2	14527.8	14676.8	14755.8	14979.9	15150.3	15475.3	15738.3
25°	11332.9	11288.3	11188.3	11225.9	11216.8	11343.0	11413.1	11625.2	11792.4	12102.2	12353.1
27.5°	8644.0	8597.5	8507.0	8533.7	8524.5	8632.0	8698.2	8875.3	9019.2	9279.9	9500.3
30°	6615.6	6559.7	6482.9	6497.7	6491.4	6578.4	6640.2	6789.4	6912.8	7133.1	7323.0
32.5°	5070.9	5014.6	4944.1	4951.0	4941.7	5010.0	5061.0	5190.7	5298.2	5485.5	5650.9
35°	3879.9	3945.6	3795.0	3890.4	3791.1	3937.0	3884.5	3965.6	4058.1	4215.9	4353.8
37.5°	2982.8	2936.9	2898.2	2894.1	2893.9	2927.7	2967.6	3045.6	3127.1	3244.7	3366.2
40°	2363.7	2331.5	2306.5	2304.6	2306.5	2330.5	2359.9	2413.9	2473.6	2558.0	2647.3
42.5°	1960.4	1939.1	1924.0	1922.9	1927.7	1944.7	1965.2	1997.3	2036.1	2090.9	2152.1
45°	1696.8	1684.9	1676.5	1676.1	1678.2	1687.1	1698.9	1718.9	1743.4	1777.6	1816.3
47.5°	1511.7	1508.9	1503.6	1503.8	1501.4	1505.0	1506.4	1517.6	1530.7	1556.4	1607.0
50°	1377.1	1377.1	1373.4	1373.2	1369.8	1369.6	1366.7	1371.2	1377.3	1393.3	1409.4
52.5°	1270.6	1270.2	1266.3	1265.5	1261.8	1261.6	1259.2	1261.0	1261.7	1269.8	1279.5
55°	1187.4	1184.8	1179.7	1178.0	1176.7	1178.7	1177.8	1177.9	1176.8	1180.2	1183.1
57.5°	1127.7	1124.4	1119.5	1118.0	1117.7	1120.2	1120.3	1119.4	1114.9	1111.8	1107.5
60°	1080.4	1077.2	1071.9	1070.5	1071.3	1074.7	1074.5	1071.7	1065.0	1059.2	1052.3
62.5°	1033.9	1032.7	1029.9	1029.6	1028.9	1029.5	1027.1	1024.0	1017.4	1011.3	1003.9
65°	971.7	972.4	970.4	970.7	968.2	967.8	964.2	961.3	954.6	949.0	941.4
67.5°	907.0	907.5	905.9	905.9	904.7	904.9	902.6	899.9	894.2	889.6	883.8
70°	853.7	855.1	854.1	854.4	852.9	852.3	848.9	846.2	840.3	836.5	831.3
72.5°	789.9	792.8	792.7	793.4	791.1	789.9	785.8	782.5	777.2	774.1	769.9
75°	721.1	724.8	725.8	727.5	724.2	722.5	717.9	715.3	711.0	709.2	706.5
77.5°	653.8	657.9	661.9	665.5	660.2	655.5	649.9	645.6	639.5	637.0	632.8
80°	578.3	585.6	594.3	601.5	592.1	582.5	573.3	566.4	558.2	554.9	549.5
82.5°	479.7	487.2	492.2	496.9	490.3	483.3	474.3	468.3	459.5	456.3	450.0
85°	364.5	373.8	376.7	379.3	375.0	371.3	362.9	351.5	346.0	337.2	332.7
87.5°	239.8	245.3	246.4	247.2	244.6	242.8	237.3	232.0	222.5	215.6	207.3
90°	90.9	94.8	92.9	94.5	91.1	91.3	85.7	83.7	75.7	72.7	65.6
92.5°	4.1	3.8	3.9	3.8	4.3	3.9	4.3	3.9	4.2	3.9	4.2
95°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
97.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.6
100°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
102.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
105°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	6.0	6.0
107.5°	6.3	6.3	6.3	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.6
110°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.1	7.3



TEST NUMBER: P1444601
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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.9	7.9	8.0	8.0
115°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.6	8.7	8.7	8.9
117.5°	9.5	9.4	9.4	9.4	9.4	9.4	9.5	9.5	9.7	9.8	10.0
120°	11.0	10.7	10.7	10.7	10.7	10.7	10.8	10.8	11.1	11.2	11.6
122.5°	12.7	12.5	12.5	12.4	12.4	12.4	12.5	12.6	12.9	13.0	13.3
125°	14.8	14.5	14.4	14.3	14.3	14.3	14.4	14.7	14.9	15.1	15.6
127.5°	17.4	17.2	16.9	16.8	16.8	16.8	17.1	17.2	17.5	17.9	18.4
130°	20.6	20.3	20.2	20.0	20.0	20.0	20.2	20.4	20.8	21.1	21.7
132.5°	24.8	24.3	24.1	23.9	23.9	23.9	24.1	24.3	24.8	25.0	25.8
135°	29.4	29.0	28.7	28.5	28.5	28.4	28.6	28.8	29.3	29.8	30.4
137.5°	34.7	34.2	34.0	33.6	33.6	33.6	33.8	34.0	34.4	34.9	35.5
140°	40.3	39.8	39.6	39.2	39.2	39.1	39.3	39.5	39.9	40.4	41.0
142.5°	46.1	45.6	45.4	45.2	45.0	45.0	45.3	45.4	45.8	46.0	46.6
145°	52.1	51.6	51.4	51.1	51.0	51.0	51.1	51.3	51.6	51.8	52.4
147.5°	57.9	57.5	57.3	57.0	57.0	56.9	57.0	57.0	57.3	57.5	57.9
150°	63.7	63.3	63.0	62.8	62.7	62.6	62.7	62.6	62.8	62.9	63.3
152.5°	69.0	68.5	68.4	68.1	67.9	67.9	67.9	67.8	67.9	67.9	68.1
155°	74.0	73.7	73.4	73.1	72.9	72.7	72.7	72.5	72.6	72.5	72.6
157.5°	78.7	78.3	78.1	77.7	77.5	77.2	77.1	76.9	76.9	76.6	76.6
160°	82.9	82.5	82.2	81.9	81.7	81.3	81.2	80.8	80.7	80.5	80.4
162.5°	86.8	86.4	86.2	85.9	85.7	85.3	85.1	84.7	84.5	84.3	84.2
165°	90.8	90.4	90.1	89.7	89.5	89.2	88.9	88.6	88.4	88.1	88.0
167.5°	95.0	94.5	94.2	93.8	93.6	93.3	93.2	92.9	92.7	92.5	92.5
170°	98.7	98.3	98.1	97.8	97.6	97.3	97.2	97.0	97.0	96.9	96.9
172.5°	102.3	102.0	101.8	101.6	101.4	101.2	101.1	101.0	100.9	100.9	100.8
175°	105.0	104.8	104.7	104.6	104.5	104.5	104.4	104.4	104.4	104.3	104.3
177.5°	107.1	107.0	107.0	107.0	106.9	106.9	106.9	106.9	106.9	106.8	106.7
180°	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1



TEST NUMBER: P1444601
 CATALOG NUMBER: EHBR1-30-UNV-TA-L850

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6
2.5°	25827.8	25821.1	25803.2	25794.3	25777.8	25769.5	25756.6	25748.3	25737.9	25730.1	25726.1
5°	26543.4	26510.4	26444.2	26403.4	26332.0	26285.0	26214.0	26161.9	26088.6	26034.6	25965.4
7.5°	27474.5	27423.8	27339.1	27274.7	27174.7	27098.3	26986.1	26896.4	26772.4	26669.5	26542.8
10°	27853.6	27824.0	27785.9	27744.6	27689.2	27634.8	27558.2	27480.1	27376.1	27272.6	27137.3
12.5°	27293.3	27321.2	27376.1	27401.7	27443.7	27457.9	27477.2	27468.1	27451.1	27408.9	27347.5
15°	25706.6	25822.9	26006.6	26133.6	26311.6	26436.7	26602.1	26708.5	26831.2	26904.5	26974.2
17.5°	23096.6	23321.5	23645.6	23904.1	24251.4	24533.6	24879.4	25151.1	25464.8	25705.5	25961.7
20°	19753.6	20068.4	20515.9	20895.9	21398.9	21825.4	22372.0	22829.7	23363.7	23808.9	24289.3
22.5°	16155.6	16526.0	17038.6	17496.9	18097.7	18634.2	19318.9	19924.1	20646.1	21292.8	22008.2
25°	12761.3	13124.2	13646.5	14121.1	14769.5	15360.6	16108.6	16803.0	17640.7	18421.9	19318.9
27.5°	9850.5	10172.9	10632.0	11059.2	11653.1	12233.3	12992.4	13732.9	14626.8	15466.4	16432.9
30°	7607.4	7868.9	8236.8	8580.4	9057.2	9531.7	10207.9	10892.7	11782.2	12652.2	13643.2
32.5°	5895.4	6118.5	6425.6	6704.5	7071.9	7429.7	7927.7	8474.9	9255.1	10088.5	11046.6
35°	4563.8	4754.5	5015.9	5256.2	5558.3	5842.4	6214.0	6604.5	7200.0	7901.0	8758.4
37.5°	3638.5	3716.3	3902.8	4099.6	4350.6	4584.0	4874.7	5163.5	5589.6	6142.6	6843.0
40°	2767.0	2890.6	3042.3	3197.4	3387.4	3574.6	3893.6	4047.1	4327.5	4724.6	5268.3
42.5°	2232.6	2319.5	2426.3	2534.2	2666.6	2796.9	2958.2	3122.6	3332.2	3601.1	3987.9
45°	1868.3	1925.0	1993.8	2065.6	2152.7	2241.6	2349.6	2462.4	2604.5	2769.8	3004.7
47.5°	1624.9	1656.2	1701.2	1750.2	1809.8	1871.4	1941.7	2013.6	2101.9	2199.9	2333.6
50°	1434.9	1461.0	1496.0	1528.8	1569.9	1633.0	1660.9	1700.6	1753.7	1811.4	1886.2
52.5°	1297.5	1314.9	1336.8	1355.6	1381.7	1405.2	1436.3	1463.6	1500.3	1535.0	1583.3
55°	1190.4	1196.7	1209.2	1221.3	1239.2	1255.5	1276.7	1294.5	1318.0	1338.7	1369.2
57.5°	1107.7	1108.3	1114.1	1120.4	1132.0	1142.1	1156.7	1168.5	1184.7	1198.0	1216.3
60°	1048.3	1045.1	1046.3	1048.5	1055.1	1061.6	1071.0	1078.6	1088.9	1096.3	1106.6
62.5°	998.9	993.9	992.8	992.2	995.4	997.8	1002.9	1006.6	1012.4	1015.7	1021.2
65°	936.4	930.6	928.3	925.6	926.6	925.8	927.7	927.8	930.7	931.4	934.5
67.5°	879.7	874.9	872.0	868.3	866.7	864.1	862.9	860.5	860.1	857.9	857.4
70°	828.1	823.3	820.8	817.5	815.8	812.3	810.2	806.0	803.5	799.6	797.4
72.5°	768.3	765.6	764.9	762.5	762.0	760.1	759.2	756.3	754.5	751.1	749.3
75°	705.9	703.6	703.4	701.2	701.0	698.7	698.1	695.0	693.3	690.0	688.5
77.5°	631.4	628.2	627.2	624.5	625.2	624.0	625.0	622.6	621.6	618.2	617.2
80°	547.6	543.4	541.6	538.1	539.1	537.5	539.1	538.9	540.2	537.5	537.0
82.5°	448.3	443.7	442.8	440.4	442.0	442.2	445.8	443.8	444.6	442.1	443.1
85°	326.2	322.8	318.0	317.4	314.2	317.5	313.3	316.1	311.6	314.7	310.5
87.5°	202.3	195.2	191.4	186.3	184.5	179.6	177.6	174.1	175.0	173.5	174.4
90°	63.9	57.6	55.7	50.1	49.1	44.2	44.1	40.5	40.9	37.1	37.8
92.5°	3.9	3.9	3.8	4.1	3.9	3.9	3.8	4.1	3.9	4.1	3.9
95°	4.2	4.2	4.2	4.2	4.2	4.2	4.3	4.3	4.3	4.3	4.3
97.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.8	4.8	4.8	4.8
100°	5.0	5.1	5.1	5.1	5.1	5.2	5.2	5.2	5.4	5.4	5.4
102.5°	5.5	5.5	5.5	5.6	5.6	5.6	5.7	5.8	5.8	6.0	6.1
105°	6.0	6.1	6.1	6.2	6.2	6.3	6.4	6.6	6.7	6.8	6.9
107.5°	6.6	6.7	6.8	6.9	6.9	7.1	7.3	7.4	7.5	7.7	8.0
110°	7.3	7.4	7.5	7.7	7.9	8.0	8.2	8.3	8.6	8.8	9.1



TEST NUMBER: P1444601
 CATALOG NUMBER: EHBR1-30-UNV-TA-L850

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	8.1	8.3	8.3	8.6	8.8	9.1	9.2	9.5	9.9	10.3	10.6
115°	9.1	9.2	9.3	9.7	9.9	10.3	10.6	11.1	11.6	12.0	12.5
117.5°	10.1	10.5	10.7	11.1	11.4	12.0	12.4	12.9	13.5	14.0	14.4
120°	11.8	12.1	12.5	12.9	13.3	13.9	14.4	15.0	15.7	16.4	16.9
122.5°	13.6	14.0	14.4	15.0	15.6	16.3	16.9	17.8	18.5	19.3	19.9
125°	16.0	16.5	17.1	17.8	18.5	19.3	19.9	20.8	21.6	22.5	23.4
127.5°	18.8	19.4	20.1	20.8	21.6	22.5	23.4	24.3	25.0	26.1	26.9
130°	22.3	23.0	23.7	24.6	25.3	26.3	27.3	28.3	29.1	30.1	30.9
132.5°	26.3	27.2	27.8	28.8	29.7	30.6	31.5	32.5	33.5	34.6	35.3
135°	31.0	31.7	32.5	33.5	34.4	35.4	36.2	37.3	38.1	39.1	39.9
137.5°	36.0	36.8	37.7	38.5	39.3	40.4	41.3	42.2	42.9	43.9	44.7
140°	41.6	42.2	42.9	43.9	44.7	45.6	46.2	47.1	47.8	48.8	49.5
142.5°	47.1	47.8	48.3	49.1	49.7	50.7	51.4	52.2	52.7	53.3	53.9
145°	52.7	53.3	53.8	54.5	55.1	55.8	56.3	56.9	57.3	57.9	58.3
147.5°	58.2	58.7	59.0	59.6	60.1	60.5	60.9	61.4	61.7	62.2	62.6
150°	63.5	63.8	64.0	64.4	64.6	65.0	65.2	65.6	65.8	66.2	66.4
152.5°	68.2	68.4	68.4	68.8	68.9	69.1	69.2	69.4	69.5	69.7	70.0
155°	72.5	72.6	72.6	72.7	72.7	72.8	72.8	73.1	73.2	73.3	73.5
157.5°	76.5	76.4	76.4	76.4	76.3	76.4	76.4	76.5	76.6	76.9	77.1
160°	80.2	80.1	80.0	80.0	80.0	80.0	80.0	80.2	80.3	80.6	80.8
162.5°	83.9	83.8	83.7	83.7	83.7	83.8	83.9	84.2	84.3	84.6	84.9
165°	87.9	87.9	87.7	87.9	87.9	88.0	88.1	88.3	88.6	88.9	89.2
167.5°	92.4	92.4	92.4	92.5	92.5	92.6	92.7	93.1	93.2	93.6	93.6
170°	96.8	96.9	96.8	96.9	96.9	97.0	97.0	97.1	97.2	97.4	97.5
172.5°	100.8	100.8	100.8	100.8	100.8	100.9	100.9	101.0	101.0	101.1	101.1
175°	104.2	104.2	104.2	104.2	104.2	104.1	104.1	103.9	103.9	103.9	103.9
177.5°	106.6	106.4	106.3	106.3	106.2	106.1	106.1	106.0	106.0	106.0	105.8
180°	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1



TEST NUMBER: P1444601
 CATALOG NUMBER: EHBR1-30-UNV-TA-L850

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6
2.5°	25720.9	25720.6	25718.1	25719.3	25719.8	25721.6	25723.8	25726.1	25726.6	25728.3	25728.7
5°	25913.4	25849.7	25802.7	25750.9	25712.0	25677.0	25653.7	25635.1	25627.9	25629.7	25634.0
7.5°	26435.4	26304.0	26195.6	26072.4	25969.7	25860.8	25770.7	25684.9	25622.4	25575.9	25549.8
10°	27008.1	26848.1	26695.1	26516.8	26347.7	26167.1	26003.6	25838.9	25701.7	25582.5	25494.9
12.5°	27262.4	27149.2	27016.9	26848.6	26667.7	26459.3	26249.0	26023.5	25813.8	25619.1	25462.1
15°	26993.2	26993.4	26945.2	26864.4	26738.7	26572.2	26371.8	26136.8	25889.3	25636.9	25406.2
17.5°	26138.9	26300.1	26389.7	26446.5	26429.0	26367.7	26240.2	26059.7	25829.0	25560.1	25278.6
20°	24671.8	25052.0	25323.0	25566.7	25703.4	25794.1	25785.1	25711.6	25547.4	25318.7	25025.6
22.5°	22616.7	23254.8	23758.3	24227.8	24557.1	24824.9	24952.3	25006.4	24931.9	24772.7	24497.4
25°	20120.5	20988.0	21728.5	22447.0	22986.0	23449.2	23727.6	23923.8	23939.4	23856.1	23610.5
27.5°	17346.7	18370.9	19308.0	20262.9	21021.0	21686.8	22123.8	22443.6	22545.2	22531.8	22308.8
30°	14576.6	15651.7	16684.7	17798.2	18736.2	19586.9	20164.1	20596.6	20763.3	20795.2	20580.7
32.5°	11960.4	13020.7	14050.7	15214.9	16247.1	17222.1	17904.0	18417.8	18611.6	18657.2	18421.9
35°	9586.2	10564.3	11543.1	12671.5	13697.7	14707.4	15425.9	15963.8	16144.8	16175.3	15903.0
37.5°	7527.2	8360.6	9213.6	10225.9	11168.3	12116.6	12799.3	13304.8	13436.6	13428.4	13120.2
40°	5793.6	6441.5	7126.8	7960.3	8743.8	9545.4	10121.9	10539.7	10609.0	10557.7	10234.0
42.5°	4356.4	4824.4	5321.3	5943.4	6524.8	7124.7	7544.1	7854.4	7864.2	7783.1	7492.4
45°	3245.5	3702.1	3910.5	4286.6	4661.0	5060.0	5316.1	5507.7	5478.1	5406.7	5185.8
47.5°	2474.2	2649.6	2835.7	3068.9	3287.1	3739.7	3706.2	4014.0	3792.3	3943.5	3610.8
50°	1964.8	2062.8	2163.1	2286.8	2400.8	2519.2	2593.1	2648.3	2641.2	2617.4	2553.6
52.5°	1671.5	1701.8	1751.2	1821.6	1885.3	1949.2	1991.4	2025.6	2026.2	2016.7	1984.4
55°	1397.0	1435.5	1471.0	1517.0	1595.3	1607.4	1667.8	1655.5	1660.3	1643.5	1660.7
57.5°	1231.8	1254.1	1274.1	1301.5	1324.1	1350.5	1366.2	1381.2	1379.7	1376.5	1360.1
60°	1114.6	1127.0	1138.1	1154.1	1166.5	1181.4	1188.6	1196.2	1193.8	1188.2	1173.5
62.5°	1024.3	1032.1	1038.4	1048.7	1056.2	1065.6	1069.3	1072.5	1069.3	1064.0	1051.1
65°	935.2	940.2	944.3	952.0	957.3	965.3	968.4	971.5	968.5	964.4	954.6
67.5°	854.9	855.4	855.0	858.1	859.8	864.6	866.0	868.2	864.7	861.2	852.9
70°	794.0	792.7	791.2	792.4	792.7	795.0	795.4	795.0	790.9	784.7	775.7
72.5°	746.3	745.6	744.5	745.5	745.5	747.6	747.0	745.9	740.8	734.9	725.9
75°	685.0	684.6	682.3	682.4	680.5	681.1	678.7	677.3	671.6	666.6	658.6
77.5°	613.4	612.3	608.9	607.6	604.0	602.5	597.8	595.6	589.8	585.7	578.9
80°	533.5	532.2	527.9	525.5	519.7	516.1	509.2	505.3	498.7	494.8	488.1
82.5°	440.9	441.4	437.1	434.2	425.9	419.6	410.4	405.5	398.2	394.4	387.4
85°	313.6	309.1	311.5	311.3	306.2	300.7	293.2	288.0	281.8	278.2	273.4
87.5°	172.0	173.1	171.8	170.7	167.1	164.3	158.5	155.5	151.0	148.7	145.1
90°	34.1	34.8	31.2	32.0	28.7	27.9	23.9	23.8	20.1	19.7	16.8
92.5°	3.9	3.9	4.1	3.9	4.1	4.1	4.1	4.1	4.1	3.9	4.1
95°	4.3	4.4	4.4	4.4	4.4	4.4	4.5	4.5	4.5	4.5	4.5
97.5°	4.9	4.9	4.9	5.0	5.0	5.0	5.1	5.1	5.1	5.1	5.1
100°	5.5	5.5	5.5	5.5	5.6	5.6	5.7	5.7	5.8	5.8	5.8
102.5°	6.1	6.2	6.3	6.4	6.6	6.6	6.7	6.7	6.8	6.8	6.8
105°	7.0	7.1	7.4	7.5	7.6	7.7	7.9	7.9	8.0	8.1	8.1
107.5°	8.2	8.3	8.5	8.7	8.8	9.1	9.1	9.2	9.3	9.4	9.5
110°	9.3	9.5	9.9	10.1	10.4	10.6	10.8	11.0	11.2	11.3	11.6



TEST NUMBER: P1444601
 CATALOG NUMBER: EHBR1-30-UNV-TA-L850

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	11.0	11.3	11.8	12.0	12.4	12.6	12.9	13.1	13.3	13.6	13.8
115°	12.9	13.3	13.8	14.1	14.5	14.9	15.3	15.5	15.8	16.1	16.4
117.5°	15.1	15.6	16.2	16.6	17.1	17.5	18.0	18.4	18.8	19.2	19.4
120°	17.8	18.4	18.9	19.4	20.0	20.5	21.0	21.5	21.9	22.4	22.9
122.5°	20.6	21.3	22.1	22.6	23.4	23.9	24.6	24.9	25.5	26.1	26.7
125°	24.1	24.8	25.5	26.2	26.9	27.5	28.3	28.8	29.6	30.1	30.8
127.5°	27.8	28.5	29.4	30.1	30.9	31.5	32.3	32.9	33.7	34.4	35.2
130°	31.8	32.5	33.5	34.2	35.0	35.8	36.5	37.3	38.1	38.9	39.8
132.5°	36.1	37.0	37.9	38.5	39.5	40.2	41.1	41.8	42.7	43.5	44.5
135°	40.9	41.6	42.3	43.0	44.0	44.7	45.6	46.4	47.3	48.2	49.2
137.5°	45.5	46.1	47.0	47.6	48.5	49.2	50.1	50.9	52.0	52.7	53.8
140°	50.1	50.8	51.5	52.2	52.9	53.5	54.5	55.3	56.3	57.1	58.2
142.5°	54.6	55.1	55.8	56.4	57.1	57.7	58.5	59.4	60.3	61.2	62.2
145°	58.9	59.4	60.0	60.5	61.0	61.7	62.6	63.4	64.2	65.0	66.0
147.5°	63.0	63.4	63.9	64.3	64.9	65.4	66.3	67.0	67.9	68.7	69.5
150°	66.9	67.2	67.6	67.9	68.5	69.1	69.7	70.4	71.4	72.1	72.9
152.5°	70.3	70.6	71.0	71.5	71.9	72.5	73.2	73.9	74.7	75.2	76.1
155°	73.9	74.1	74.6	75.0	75.5	75.9	76.6	77.2	77.9	78.7	79.3
157.5°	77.5	77.7	78.2	78.7	79.1	79.6	80.3	80.7	81.4	82.0	82.6
160°	81.2	81.5	82.0	82.5	82.9	83.4	84.0	84.5	85.1	85.7	86.2
162.5°	85.3	85.7	86.1	86.3	86.9	87.4	88.0	88.4	89.0	89.5	90.0
165°	89.6	90.0	90.4	90.7	91.2	91.5	92.0	92.4	93.0	93.3	93.8
167.5°	94.1	94.3	94.6	94.9	95.4	95.7	96.2	96.5	97.0	97.2	97.6
170°	97.8	98.0	98.2	98.5	98.8	99.1	99.4	99.6	100.1	100.4	100.8
172.5°	101.3	101.3	101.6	101.7	101.9	102.0	102.3	102.5	102.6	102.9	103.1
175°	104.1	104.1	104.2	104.2	104.3	104.4	104.6	104.7	104.8	104.9	105.0
177.5°	105.8	105.8	105.8	105.8	106.0	106.0	106.1	106.1	106.2	106.2	106.3
180°	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1



TEST NUMBER: P1444601
 CATALOG NUMBER: EHBR1-30-UNV-TA-L850

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6
2.5°	25727.8	25727.6	25726.8	25725.6	25724.4	25725.1	25726.3	25729.2	25734.4	25741.9	25751.6
5°	25637.6	25642.9	25645.8	25646.2	25643.5	25641.9	25644.3	25651.4	25665.7	25689.6	25721.9
7.5°	25542.9	25549.4	25559.3	25566.7	25568.2	25566.4	25566.7	25577.8	25604.2	25650.7	25716.1
10°	25441.7	25422.5	25432.7	25451.2	25466.0	25468.6	25470.5	25483.5	25522.1	25592.4	25697.4
12.5°	25348.4	25287.5	25275.8	25292.5	25314.9	25322.1	25320.1	25325.7	25370.8	25463.9	25610.3
15°	25225.5	25111.0	25071.9	25076.2	25103.8	25113.8	25106.5	25095.4	25139.4	25253.1	25442.4
17.5°	25026.7	24842.1	24770.1	24767.0	24799.3	24807.9	24790.2	24755.7	24798.9	24940.9	25176.0
20°	24724.5	24452.0	24316.5	24295.0	24330.1	24319.8	24284.4	24232.3	24289.1	24461.7	24741.2
22.5°	24181.2	23835.9	23604.4	23529.8	23571.8	23543.7	23492.0	23425.6	23501.0	23697.2	24008.5
25°	23293.5	22894.4	22577.6	22399.8	22433.3	22383.1	22326.7	22246.2	22336.1	22561.3	22904.0
27.5°	21988.5	21527.6	21134.9	20840.7	20851.5	20785.7	20720.8	20616.6	20728.9	20995.3	21381.8
30°	20253.3	19719.9	19241.8	18841.9	18806.1	18742.3	18675.8	18539.0	18679.6	18998.5	19450.2
32.5°	18074.1	17481.9	16929.5	16423.9	16328.5	16266.2	16207.0	16049.5	16233.6	16605.5	17124.5
35°	15525.7	14894.9	14295.9	13718.4	13560.5	13498.2	13446.4	13295.5	13525.3	13930.0	14490.4
37.5°	12728.5	12084.1	11489.4	10897.2	10673.9	10589.5	10551.8	10453.0	10718.1	11118.4	11681.1
40°	9856.8	9257.6	8724.5	8201.4	7946.9	7817.7	7797.9	7779.9	8036.2	8383.6	8894.2
42.5°	7170.4	6687.1	6276.0	5876.2	5645.4	5468.9	5468.8	5522.5	5753.2	6013.3	6407.2
45°	4960.0	4635.6	4373.7	4106.5	4177.9	3826.1	4032.8	3926.7	4040.7	4208.5	4464.6
47.5°	3409.5	3232.5	3088.6	2939.3	2830.5	2726.6	2735.7	2802.7	2910.1	3009.6	3142.9
50°	2485.0	2394.8	2321.5	2244.0	2189.9	2144.0	2146.7	2175.6	2232.1	2284.6	2354.3
52.5°	1947.2	1897.4	1857.6	1814.8	1786.3	1763.6	1764.8	1778.8	1809.4	1839.3	1879.3
55°	1604.9	1599.0	1547.2	1508.7	1494.0	1478.7	1481.5	1487.1	1507.8	1525.4	1551.8
57.5°	1344.9	1321.7	1306.1	1285.9	1276.6	1265.9	1268.3	1270.4	1284.2	1296.0	1315.1
60°	1161.3	1144.8	1133.8	1120.1	1114.0	1107.1	1108.7	1110.0	1118.8	1126.5	1140.1
62.5°	1039.3	1024.6	1015.1	1004.4	1000.2	995.5	996.6	996.9	1002.5	1008.1	1018.5
65°	945.7	934.1	926.2	917.0	912.4	907.7	908.2	908.2	912.8	917.0	924.7
67.5°	846.8	838.1	832.9	825.6	822.6	817.6	817.6	816.1	819.1	820.7	826.0
70°	767.5	758.5	751.9	745.0	741.1	736.8	736.9	737.0	740.5	744.3	751.1
72.5°	718.3	709.9	704.0	697.9	694.3	690.6	690.0	689.6	692.1	694.2	698.7
75°	653.4	646.6	643.2	637.4	634.6	630.4	629.7	627.9	629.1	629.5	632.9
77.5°	574.6	568.1	565.4	559.6	557.1	552.5	552.1	550.0	551.0	550.3	552.8
80°	484.8	479.0	477.4	472.6	471.5	467.2	466.5	463.9	464.6	462.7	463.6
82.5°	384.5	379.2	378.0	373.6	373.6	369.6	369.4	365.5	365.5	362.2	356.9
85°	270.8	266.9	265.3	261.7	260.6	257.5	255.8	252.1	250.8	248.3	247.6
87.5°	142.9	140.5	138.2	136.5	133.4	127.7	127.2	123.3	123.6	120.8	121.0
90°	16.8	14.2	14.3	12.1	12.0	10.5	10.6	9.9	9.7	9.1	9.1
92.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
95°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.6
97.5°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.2	5.2	5.2	5.2
100°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	6.0	6.0	6.0	6.0
102.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.0	7.0
105°	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.3	8.3	8.3	8.3
107.5°	9.5	9.7	9.7	9.8	9.7	9.8	9.8	9.9	9.9	9.9	9.9
110°	11.6	11.7	11.8	11.9	11.9	12.0	12.0	12.1	12.1	12.1	12.1



TEST NUMBER: P1444601
 CATALOG NUMBER: EHBR1-30-UNV-TA-L850

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	13.9	14.0	14.1	14.3	14.3	14.5	14.5	14.7	14.7	14.8	14.7
115°	16.6	16.8	17.1	17.3	17.4	17.6	17.6	17.9	17.9	17.9	17.9
117.5°	19.7	20.1	20.3	20.6	20.8	21.1	21.2	21.3	21.3	21.5	21.3
120°	23.2	23.8	24.1	24.4	24.8	25.0	25.2	25.4	25.4	25.4	25.3
122.5°	27.2	27.7	28.1	28.6	29.0	29.4	29.6	29.8	29.8	29.9	29.7
125°	31.2	32.0	32.5	33.1	33.5	34.1	34.2	34.6	34.6	34.6	34.4
127.5°	35.9	36.5	37.1	37.9	38.3	38.7	39.0	39.3	39.3	39.3	39.1
130°	40.5	41.5	42.0	42.7	43.2	43.7	44.0	44.3	44.3	44.5	44.2
132.5°	45.3	46.2	47.0	47.7	48.2	48.9	49.1	49.5	49.5	49.6	49.3
135°	50.1	51.0	51.8	52.7	53.2	53.8	54.1	54.5	54.5	54.5	54.2
137.5°	54.7	55.8	56.6	57.3	58.0	58.5	58.9	59.2	59.2	59.4	59.1
140°	59.0	60.1	60.9	61.7	62.5	63.2	63.5	63.8	63.8	63.8	63.6
142.5°	63.2	64.1	64.9	65.8	66.4	67.1	67.5	67.8	67.8	67.8	67.6
145°	67.0	67.9	68.7	69.5	70.1	70.7	71.0	71.4	71.4	71.4	71.3
147.5°	70.4	71.4	72.0	72.8	73.4	74.0	74.4	74.6	74.7	74.7	74.6
150°	73.8	74.6	75.2	75.8	76.4	76.9	77.1	77.5	77.6	77.7	77.6
152.5°	76.8	77.5	78.2	78.8	79.3	79.7	80.0	80.3	80.5	80.7	80.7
155°	79.9	80.5	81.1	81.7	82.1	82.6	82.9	83.3	83.6	83.8	84.0
157.5°	83.1	83.8	84.3	84.9	85.3	85.9	86.2	86.6	86.9	87.3	87.5
160°	86.6	87.3	87.7	88.3	88.8	89.3	89.7	90.1	90.5	90.8	91.2
162.5°	90.5	91.1	91.4	91.9	92.4	92.9	93.3	93.7	94.1	94.5	94.8
165°	94.3	94.8	95.2	95.7	96.2	96.7	97.0	97.3	97.6	98.0	98.3
167.5°	98.0	98.5	98.8	99.3	99.6	100.1	100.5	100.9	101.1	101.4	101.7
170°	101.0	101.4	101.8	102.1	102.5	102.8	103.0	103.3	103.6	103.9	104.2
172.5°	103.3	103.7	103.9	104.3	104.5	104.7	104.9	105.3	105.5	105.7	105.8
175°	105.1	105.4	105.5	105.7	105.8	106.0	106.2	106.3	106.6	106.7	106.9
177.5°	106.4	106.6	106.7	106.7	106.8	106.8	106.9	106.9	107.0	107.1	107.1
180°	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1



TEST NUMBER: P1444601
 CATALOG NUMBER: EHBR1-30-UNV-TA-L850

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6
2.5°	25765.4	25778.3	25798.0	25815.9	25842.8	25864.0	25895.9	25920.1	25956.0	25979.4	26018.5
5°	25767.7	25818.1	25884.4	25949.0	26026.8	26097.5	26185.2	26259.9	26348.1	26420.0	26510.2
7.5°	25804.2	25901.3	26017.8	26135.3	26268.0	26392.3	26532.1	26658.8	26797.2	26914.4	27042.4
10°	25831.0	25981.0	26152.7	26325.5	26507.3	26676.2	26846.8	26994.3	27132.0	27245.4	27345.6
12.5°	25794.5	26001.1	26221.4	26434.2	26636.4	26811.3	26958.0	27071.5	27149.7	27202.8	27215.2
15°	25670.7	25919.2	26158.8	26370.6	26538.5	26667.9	26734.9	26766.3	26732.6	26676.7	26553.8
17.5°	25439.2	25701.4	25915.6	26082.7	26171.4	26206.5	26151.0	26054.5	25865.8	25656.4	25354.0
20°	25015.0	25259.2	25414.6	25505.7	25482.0	25394.3	25184.7	24930.1	24553.4	24152.1	23622.3
22.5°	24270.7	24484.3	24567.1	24573.9	24429.1	24209.4	23831.5	23394.7	22800.5	22182.8	21423.1
25°	23153.7	23340.7	23353.8	23280.3	23015.4	22659.4	22104.5	21486.7	20679.2	19856.1	18904.0
27.5°	21638.6	21818.0	21774.1	21637.0	21269.3	20793.0	20082.5	19284.3	18288.8	17316.6	16263.5
30°	19734.2	19926.0	19874.4	19698.6	19261.2	18698.2	17862.2	16934.8	15829.6	14791.2	13724.1
32.5°	17455.1	17697.6	17662.0	17494.9	17038.4	16435.9	15528.8	14545.2	13414.5	12391.2	11353.2
35°	14864.5	15159.0	15174.2	15065.0	14641.3	14045.7	13150.1	12198.0	11115.0	10149.5	9190.5
37.5°	12073.6	12415.0	12485.1	12455.6	12104.4	11578.7	10762.7	9908.5	8949.1	8102.9	7282.7
40°	9267.2	9612.8	9732.6	9768.2	9509.0	9101.9	8432.1	7742.7	6960.5	6274.9	5623.6
42.5°	6707.9	7014.3	7130.1	7202.9	7041.2	6769.7	6281.1	5780.5	5207.5	4712.9	4238.7
45°	4658.8	4875.4	4963.6	5036.9	4948.8	4795.7	4487.1	4174.0	3795.7	3472.6	3166.7
47.5°	3257.2	3376.7	3434.8	3470.5	3436.3	3356.4	3188.6	3007.1	2793.6	2604.8	2423.2
50°	2414.2	2477.9	2508.3	2528.9	2504.0	2459.6	2368.8	2270.0	2152.8	2045.8	1941.2
52.5°	1913.3	1949.7	1967.8	1978.9	1964.7	1937.4	1884.6	1826.1	1755.7	1689.6	1654.8
55°	1611.8	1610.0	1651.7	1631.6	1651.7	1606.6	1597.2	1532.8	1474.4	1433.3	1388.8
57.5°	1329.2	1348.2	1356.2	1365.2	1359.4	1351.1	1328.6	1305.5	1274.8	1249.1	1221.6
60°	1150.6	1166.2	1175.0	1183.9	1183.4	1180.3	1167.2	1153.5	1134.2	1118.8	1102.2
62.5°	1027.6	1041.0	1049.8	1058.3	1059.1	1057.8	1048.0	1038.4	1025.3	1015.6	1004.2
65°	930.7	940.2	946.1	952.9	952.6	950.7	941.8	934.0	923.1	916.4	908.0
67.5°	829.4	836.6	841.2	847.6	848.9	849.3	844.4	840.6	835.3	833.5	830.6
70°	757.4	766.1	773.4	781.6	786.0	788.1	786.0	784.1	781.0	779.7	777.5
72.5°	702.9	710.3	716.0	723.3	727.5	730.4	728.8	727.8	725.1	724.7	723.2
75°	635.1	640.2	643.5	649.0	651.3	654.0	652.7	653.4	652.5	654.7	654.6
77.5°	553.7	557.4	559.0	563.0	563.4	566.8	567.5	571.4	574.2	580.3	583.6
80°	462.1	464.4	464.4	468.5	470.4	476.0	478.8	485.1	488.1	493.6	494.0
82.5°	358.9	356.2	358.9	357.3	362.5	368.8	369.6	375.1	376.3	379.8	377.1
85°	245.4	245.2	243.0	243.4	241.7	242.5	241.5	242.6	241.6	241.7	239.3
87.5°	117.6	118.7	116.0	116.9	114.4	115.6	113.4	115.1	112.5	112.9	109.0
90°	8.7	8.5	8.2	8.1	8.3	8.0	7.9	7.7	7.9	7.6	7.6
92.5°	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.3	4.2	4.2
95°	4.6	4.6	4.6	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
97.5°	5.4	5.4	5.4	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.4
100°	6.1	6.1	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.1	6.1
102.5°	7.1	7.1	7.1	7.3	7.3	7.3	7.3	7.3	7.1	7.1	7.0
105°	8.3	8.3	8.5	8.5	8.5	8.5	8.5	8.5	8.3	8.3	8.3
107.5°	10.0	10.0	10.1	10.1	10.1	10.1	10.0	9.9	9.9	9.8	9.5
110°	12.3	12.1	12.3	12.3	12.3	12.1	12.1	11.9	11.8	11.6	11.4



TEST NUMBER: P1444601
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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°	14.8	14.7	14.7	14.5	14.5	14.3	14.3	14.1	14.0	13.7	13.5
115°	17.9	17.6	17.6	17.4	17.4	17.2	16.9	16.7	16.5	16.2	16.0
117.5°	21.2	21.1	21.0	20.6	20.5	20.2	20.0	19.7	19.4	19.2	18.8
120°	25.2	24.9	24.8	24.4	24.2	23.8	23.6	23.1	22.8	22.3	21.8
122.5°	29.6	29.2	29.0	28.6	28.3	27.7	27.4	26.8	26.5	25.9	25.4
125°	34.2	33.8	33.5	33.0	32.5	32.0	31.5	31.0	30.5	29.9	29.3
127.5°	39.0	38.5	38.3	37.7	37.2	36.5	36.0	35.3	34.9	34.1	33.5
130°	44.0	43.5	43.2	42.4	42.1	41.3	40.8	40.0	39.3	38.6	38.0
132.5°	49.1	48.6	48.2	47.4	47.0	46.2	45.8	44.9	44.2	43.4	42.8
135°	54.0	53.5	53.2	52.6	52.0	51.1	50.5	49.7	49.1	48.4	47.7
137.5°	58.9	58.3	57.9	57.3	56.8	56.0	55.4	54.6	54.0	53.2	52.7
140°	63.4	62.9	62.5	61.9	61.3	60.6	60.1	59.4	58.8	58.2	57.6
142.5°	67.3	66.9	66.5	65.9	65.4	64.7	64.3	63.8	63.3	62.7	62.2
145°	71.0	70.6	70.3	69.7	69.4	68.9	68.5	67.9	67.7	67.1	66.7
147.5°	74.5	74.1	73.9	73.5	73.3	72.8	72.6	72.1	71.9	71.5	71.3
150°	77.6	77.5	77.4	77.1	76.9	76.6	76.5	76.2	76.1	75.7	75.6
152.5°	80.7	80.7	80.7	80.6	80.6	80.5	80.4	80.3	80.2	80.0	79.9
155°	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.3	84.3	84.2	84.2
157.5°	87.7	87.9	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.2	88.2
160°	91.4	91.6	91.8	91.9	92.1	92.1	92.3	92.1	92.3	92.1	92.0
162.5°	95.1	95.4	95.6	95.7	95.9	95.9	96.1	96.1	96.1	95.9	95.9
165°	98.7	98.8	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.4	99.4
167.5°	102.0	102.1	102.4	102.5	102.6	102.6	102.9	102.8	102.8	102.8	102.8
170°	104.4	104.6	104.7	104.8	105.0	105.0	105.1	105.1	105.3	105.1	105.1
172.5°	106.1	106.2	106.4	106.6	106.7	106.7	106.8	106.8	106.9	106.9	106.9
175°	107.0	107.1	107.3	107.4	107.5	107.6	107.6	107.7	107.7	107.7	107.7
177.5°	107.3	107.4	107.4	107.5	107.6	107.6	107.7	107.7	107.9	107.9	107.9
180°	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1



TEST NUMBER: P1444601
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CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6
2.5°	26042.8	25882.0	25860.6	25871.9	25898.9	25908.8	25937.8	25945.7	25974.9	25982.1	26010.1
5°	26580.1	26367.5	26378.1	26429.2	26506.6	26552.8	26628.8	26668.6	26741.2	26774.2	26839.9
7.5°	27146.7	26979.8	27031.8	27118.1	27223.8	27297.1	27388.5	27448.0	27526.8	27575.6	27638.7
10°	27424.9	27379.2	27436.5	27504.4	27564.7	27611.9	27650.7	27681.7	27702.0	27721.1	27729.3
12.5°	27213.2	27284.1	27293.8	27287.2	27247.2	27216.7	27148.1	27101.5	27018.7	26968.4	26869.8
15°	26428.4	26584.0	26497.8	26367.3	26176.3	26017.2	25792.4	25625.0	25390.8	25232.1	24997.1
17.5°	25050.9	25247.4	25022.9	24720.9	24336.7	24008.2	23598.9	23274.2	22867.3	22571.4	22191.7
20°	23111.8	23295.4	22894.8	22394.3	21800.1	21300.0	20710.4	20239.8	19691.9	19284.3	18792.4
22.5°	20697.5	20828.2	20263.9	19589.1	18832.1	18207.4	17502.3	16938.3	16312.9	15846.9	15322.4
25°	18026.4	18061.7	17384.8	16607.4	15763.6	15061.6	14308.9	13715.8	13078.0	12605.7	12090.9
27.5°	15330.4	15278.8	14547.1	13722.7	12835.2	12105.5	11371.3	10815.6	10257.0	9831.5	9388.0
30°	12785.8	12660.6	11900.9	11053.6	10192.1	9538.0	8928.5	8482.3	8037.9	7700.4	7344.4
32.5°	10452.4	10275.6	9536.2	8742.4	8016.5	7511.7	7059.7	6722.0	6363.2	6078.1	5779.3
35°	8385.6	8197.2	7542.1	6869.2	6319.8	5947.7	5592.5	5315.4	5010.7	4770.2	4510.7
37.5°	6611.8	6457.4	5908.7	5379.2	4963.6	4675.3	4384.2	4157.8	3905.9	3800.1	3522.8
40°	5104.3	4996.4	4567.3	4176.9	3864.9	3729.4	3434.0	3222.5	3034.4	2879.2	2728.9
42.5°	3981.5	3943.3	3525.7	3221.3	3001.5	2830.8	2666.2	2532.5	2402.5	2295.5	2194.4
45°	2921.8	2891.5	2706.2	2530.4	2380.7	2261.4	2150.1	2058.2	1973.2	1902.7	1838.5
47.5°	2275.2	2265.5	2158.8	2049.8	1955.4	1878.8	1806.6	1745.6	1689.1	1642.1	1626.8
50°	1850.5	1849.2	1786.6	1719.4	1652.2	1607.9	1561.8	1525.7	1489.4	1461.2	1431.4
52.5°	1572.3	1565.6	1523.2	1481.7	1441.8	1412.7	1383.2	1360.3	1336.2	1318.8	1300.2
55°	1353.6	1360.8	1336.3	1311.5	1286.6	1268.5	1247.8	1232.6	1216.2	1205.2	1194.0
57.5°	1201.7	1211.1	1198.4	1184.2	1169.1	1157.2	1143.0	1132.5	1121.5	1114.4	1107.9
60°	1091.2	1101.5	1096.3	1089.2	1079.9	1072.8	1063.7	1057.9	1050.8	1046.9	1043.3
62.5°	997.4	1010.4	1008.5	1005.2	999.2	995.2	990.2	987.7	983.0	981.3	979.5
65°	903.9	918.4	918.1	916.5	913.1	912.0	908.9	908.4	906.0	906.9	906.7
67.5°	830.3	842.9	845.7	847.7	847.6	848.4	848.1	849.4	849.4	851.1	852.3
70°	777.2	786.0	788.1	790.2	790.8	792.5	792.5	793.6	793.3	794.9	795.0
72.5°	723.5	735.1	737.2	739.0	739.0	740.5	739.8	739.5	737.1	736.6	735.0
75°	656.8	671.6	674.8	677.0	677.3	678.7	676.7	675.4	671.6	670.0	667.4
77.5°	587.0	602.4	604.7	605.5	604.2	604.5	600.3	597.4	592.6	590.5	588.0
80°	496.2	518.9	520.7	519.3	515.8	515.2	511.1	508.4	502.5	500.6	498.3
82.5°	377.6	404.2	407.9	409.5	406.7	407.4	403.4	401.9	396.5	395.6	392.0
85°	238.4	265.0	269.4	268.8	265.9	265.2	262.9	263.6	263.2	264.6	265.4
87.5°	109.5	135.3	141.4	139.5	139.2	137.4	133.3	134.8	137.3	138.9	139.0
90°	7.5	15.1	14.8	15.7	14.0	14.5	13.1	14.0	13.0	13.9	12.9
92.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.2	4.1	4.2
95°	4.8	4.6	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5
97.5°	5.4	5.2	5.1	5.1	5.1	5.0	5.0	5.0	5.0	4.9	4.9
100°	6.1	5.7	5.6	5.6	5.5	5.5	5.5	5.5	5.5	5.5	5.4
102.5°	6.9	6.6	6.4	6.3	6.2	6.1	6.1	6.0	6.0	5.8	5.8
105°	8.1	7.6	7.4	7.1	7.0	6.9	6.8	6.7	6.6	6.4	6.4
107.5°	9.4	8.7	8.3	8.2	8.0	7.9	7.6	7.5	7.3	7.1	7.0
110°	11.2	10.1	9.7	9.3	9.1	8.8	8.6	8.3	8.2	8.1	7.9



TEST NUMBER: P1444601
 CATALOG NUMBER: EHBR1-30-UNV-TA-L850

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	13.2	11.9	11.3	10.8	10.5	10.1	9.8	9.4	9.2	8.9	8.8
115°	15.5	13.9	13.2	12.7	12.3	11.8	11.3	11.0	10.5	10.1	9.9
117.5°	18.4	16.4	15.5	14.8	14.3	13.7	13.2	12.7	12.3	11.8	11.4
120°	21.3	19.2	18.2	17.4	16.8	16.1	15.5	14.8	14.2	13.7	13.2
122.5°	24.9	22.4	21.2	20.4	19.7	18.9	18.2	17.4	16.7	16.1	15.5
125°	28.7	25.9	24.7	23.9	23.1	22.2	21.3	20.4	19.8	19.1	18.4
127.5°	32.8	29.9	28.6	27.7	26.9	25.9	25.0	24.1	23.4	22.4	21.7
130°	37.3	34.2	32.8	31.8	31.1	30.1	29.3	28.3	27.4	26.5	25.6
132.5°	42.1	38.7	37.4	36.5	35.8	34.8	34.0	32.9	32.0	31.0	30.3
135°	47.0	43.5	42.2	41.3	40.6	39.6	38.7	37.8	37.0	36.0	35.3
137.5°	52.0	48.3	47.1	46.2	45.6	44.7	44.0	43.0	42.2	41.3	40.6
140°	56.9	53.2	52.0	51.3	50.7	49.8	49.2	48.4	47.7	47.0	46.2
142.5°	61.6	57.8	56.6	56.0	55.5	54.8	54.4	53.7	53.2	52.4	51.8
145°	66.3	62.2	61.0	60.5	60.2	59.7	59.2	58.7	58.2	57.7	57.2
147.5°	70.8	66.5	65.2	64.9	64.6	64.2	64.0	63.6	63.4	62.9	62.6
150°	75.2	70.4	69.0	68.8	68.5	68.3	68.1	67.9	67.8	67.5	67.3
152.5°	79.6	73.8	72.1	71.9	71.9	71.6	71.6	71.5	71.5	71.4	71.3
155°	83.9	77.5	75.6	75.3	75.2	75.2	75.1	75.1	75.1	75.1	75.2
157.5°	88.0	81.1	79.3	79.0	78.9	78.8	78.7	78.7	78.7	78.7	78.9
160°	91.9	85.0	83.0	82.6	82.6	82.4	82.2	82.1	82.1	82.1	82.2
162.5°	95.7	88.9	87.0	86.6	86.3	86.2	86.1	85.9	85.9	85.8	85.9
165°	99.2	93.1	91.3	90.9	90.7	90.4	90.2	90.0	90.0	89.9	89.9
167.5°	102.6	97.1	95.7	95.4	95.1	94.8	94.8	94.4	94.4	94.2	94.2
170°	105.0	100.8	99.5	99.3	99.3	99.1	98.9	98.8	98.7	98.5	98.5
172.5°	106.8	103.6	102.6	102.5	102.5	102.5	102.5	102.4	102.4	102.4	102.4
175°	107.7	105.7	105.3	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.3
177.5°	108.0	107.5	107.3	107.3	107.3	107.3	107.3	107.3	107.3	107.4	107.4
180°	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1



TEST NUMBER: P1444601
 CATALOG NUMBER: EHBR1-30-UNV-TA-L850

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6
2.5°	26015.4	26045.7	26043.4	26071.7	26070.3	26097.0	26091.6	26114.7	26109.5	26129.1	26117.5
5°	26868.8	26926.4	26945.5	26997.5	27008.3	27054.9	27055.9	27092.9	27088.4	27117.4	27101.9
7.5°	27676.0	27729.8	27755.4	27795.8	27816.1	27849.6	27862.6	27890.2	27896.8	27913.0	27912.5
10°	27744.1	27743.9	27756.5	27750.8	27762.1	27755.7	27769.4	27764.5	27784.8	27779.6	27794.9
12.5°	26827.4	26736.4	26703.2	26621.5	26603.6	26533.5	26538.5	26493.5	26515.2	26487.6	26534.7
15°	24857.3	24646.3	24541.9	24358.4	24300.9	24155.9	24144.1	24047.7	24073.8	24023.4	24097.1
17.5°	21946.1	21613.8	21431.5	21163.5	21057.1	20852.0	20810.8	20686.9	20706.0	20643.6	20732.6
20°	18475.0	18073.4	17843.5	17533.6	17395.4	17150.9	17085.9	16947.3	16964.6	16902.5	17003.1
22.5°	14964.3	14544.1	14284.4	13959.7	13783.1	13553.2	13484.1	13344.7	13352.7	13294.4	13391.2
25°	11738.2	11335.3	11083.2	10788.3	10635.0	10424.2	10351.6	10226.6	10233.7	10185.5	10272.4
27.5°	9080.4	8749.7	8538.8	8291.6	8154.3	7980.9	7910.2	7805.0	7804.7	7769.4	7842.0
30°	7095.8	6819.9	6630.6	6415.3	6286.3	6129.8	6061.5	5967.4	5963.3	5938.3	5995.9
32.5°	5555.9	5310.5	5137.8	4948.2	4832.5	4698.2	4633.6	4558.0	4551.0	4528.4	4575.7
35°	4319.0	4112.3	3963.8	3804.3	3816.1	3618.0	3650.9	3497.1	3455.4	3446.2	3481.5
37.5°	3338.1	3178.0	3057.3	2937.9	2857.0	2773.3	2728.2	2687.7	2683.1	2679.2	2703.9
40°	2612.8	2500.8	2413.1	2331.0	2275.3	2224.3	2196.1	2173.9	2168.6	2165.6	2180.6
42.5°	2114.6	2039.1	1982.5	1932.5	1898.6	1870.8	1855.4	1843.0	1838.9	1839.0	1847.9
45°	1786.6	1740.8	1704.4	1673.2	1651.6	1661.1	1633.1	1647.8	1628.4	1648.5	1635.3
47.5°	1573.3	1534.3	1511.7	1489.7	1476.7	1466.1	1466.5	1466.7	1470.8	1471.5	1475.8
50°	1408.8	1386.2	1370.6	1356.5	1349.7	1344.1	1346.0	1347.5	1351.5	1351.8	1355.0
52.5°	1287.0	1272.1	1262.7	1254.0	1250.9	1247.8	1249.2	1248.6	1250.3	1249.5	1252.0
55°	1187.9	1180.9	1177.9	1174.7	1175.2	1174.3	1174.9	1171.8	1169.8	1167.4	1169.6
57.5°	1106.6	1105.7	1107.6	1109.0	1112.7	1114.1	1114.9	1111.3	1107.8	1104.7	1106.5
60°	1044.0	1045.4	1050.4	1054.5	1059.8	1062.3	1063.8	1061.7	1059.2	1056.6	1058.2
62.5°	982.1	984.5	990.4	994.9	1001.4	1004.8	1008.5	1008.7	1009.7	1008.7	1009.8
65°	910.4	913.3	918.7	922.5	928.4	931.4	935.2	935.9	938.1	937.6	939.4
67.5°	855.9	858.5	863.0	866.6	872.0	875.0	878.4	878.5	879.3	879.1	880.8
70°	797.7	799.0	803.0	806.0	811.4	814.5	818.3	819.5	821.9	822.3	824.2
72.5°	735.7	735.1	737.5	738.9	742.9	745.4	750.3	752.9	756.9	758.0	759.4
75°	668.1	667.6	670.4	671.6	675.0	677.5	683.0	686.5	692.7	695.4	694.7
77.5°	590.0	591.3	596.6	599.7	604.2	607.4	614.5	620.1	631.5	636.5	631.4
80°	502.5	504.0	509.5	512.3	518.3	522.2	530.1	536.7	546.9	549.1	546.2
82.5°	395.1	395.5	400.5	402.5	410.4	416.1	426.1	431.4	437.7	436.7	435.9
85°	269.4	273.1	279.3	285.5	295.1	304.2	313.7	321.5	316.0	324.7	314.9
87.5°	144.0	143.6	152.1	150.7	164.0	171.8	180.1	184.0	188.4	187.5	187.6
90°	14.1	13.2	14.3	13.2	15.0	13.7	16.2	15.0	18.0	16.3	19.4
92.5°	4.1	4.2	4.1	4.2	4.1	4.2	4.1	4.1	4.1	4.1	4.1
95°	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
97.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8
100°	5.4	5.4	5.4	5.4	5.2	5.2	5.2	5.2	5.2	5.2	5.2
102.5°	5.7	5.7	5.7	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
105°	6.3	6.3	6.2	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1
107.5°	7.0	6.9	6.8	6.8	6.7	6.7	6.7	6.7	6.7	6.7	6.7
110°	7.7	7.6	7.5	7.5	7.4	7.3	7.3	7.3	7.3	7.3	7.3



TEST NUMBER: P1444601
 CATALOG NUMBER: EHBR1-30-UNV-TA-L850

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	8.6	8.3	8.3	8.2	8.1	8.1	8.0	8.0	8.0	8.0	8.0
115°	9.5	9.4	9.2	9.1	9.1	8.9	8.8	8.8	8.8	8.8	8.8
117.5°	11.0	10.7	10.5	10.3	10.1	10.0	9.9	9.9	9.8	9.9	9.9
120°	12.9	12.5	12.1	11.9	11.7	11.6	11.3	11.3	11.3	11.3	11.3
122.5°	14.9	14.4	14.0	13.8	13.5	13.3	13.1	13.1	13.1	13.1	13.1
125°	17.6	17.1	16.6	16.3	15.8	15.7	15.5	15.5	15.4	15.5	15.5
127.5°	20.9	20.3	19.7	19.4	18.9	18.7	18.5	18.4	18.4	18.5	18.5
130°	24.8	24.2	23.6	23.1	22.5	22.3	22.1	21.9	21.8	21.9	22.1
132.5°	29.3	28.6	27.9	27.4	26.9	26.6	26.2	26.2	26.1	26.2	26.3
135°	34.3	33.6	32.9	32.3	31.7	31.5	31.2	31.2	31.1	31.2	31.4
137.5°	39.7	39.1	38.4	37.9	37.3	37.1	36.7	36.6	36.6	36.7	37.0
140°	45.5	44.8	44.1	43.6	43.2	42.9	42.6	42.6	42.4	42.7	42.8
142.5°	51.1	50.7	50.0	49.6	49.2	49.0	48.8	48.8	48.6	48.9	49.1
145°	56.7	56.3	55.8	55.4	55.1	55.0	54.6	54.7	54.7	55.0	55.1
147.5°	62.1	61.9	61.4	61.2	60.8	60.8	60.6	60.7	60.7	60.9	61.0
150°	67.0	66.9	66.6	66.5	66.3	66.3	66.2	66.3	66.3	66.5	66.6
152.5°	71.2	71.2	71.0	71.0	70.9	71.0	71.0	71.2	71.3	71.5	71.6
155°	75.2	75.2	75.2	75.2	75.2	75.5	75.5	75.8	75.9	76.2	76.3
157.5°	78.9	79.0	79.0	79.3	79.4	79.6	79.7	80.1	80.2	80.5	80.7
160°	82.4	82.6	82.6	82.9	83.1	83.3	83.6	83.9	84.2	84.5	84.7
162.5°	85.9	86.1	86.2	86.3	86.6	86.8	87.1	87.5	87.7	88.1	88.4
165°	89.9	90.0	90.0	90.1	90.4	90.6	90.8	91.2	91.4	91.7	92.0
167.5°	94.1	94.2	94.1	94.2	94.3	94.5	94.6	94.9	95.1	95.5	95.7
170°	98.3	98.3	98.3	98.3	98.3	98.5	98.6	98.7	98.8	99.1	99.2
172.5°	102.3	102.3	102.1	102.3	102.1	102.3	102.3	102.4	102.4	102.5	102.5
175°	105.1	105.3	105.3	105.4	105.3	105.3	105.3	105.3	105.3	105.4	105.4
177.5°	107.4	107.5	107.5	107.5	107.5	107.6	107.6	107.6	107.6	107.5	107.5
180°	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1



TEST NUMBER: P1444601
 CATALOG NUMBER: EHBR1-30-UNV-TA-L850

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6
2.5°	26136.8	26123.7	26137.1	26123.5	26137.1	26120.7	26131.8	26114.2	26118.7	26100.4	26105.1
5°	27125.0	27104.2	27115.3	27088.2	27091.0	27054.9	27054.2	27012.2	27001.1	26953.1	26932.0
7.5°	27924.1	27917.3	27921.2	27903.8	27901.7	27877.1	27865.3	27830.5	27808.6	27764.5	27734.3
10°	27797.7	27818.0	27823.3	27844.1	27848.4	27868.9	27873.2	27893.9	27898.1	27913.3	27913.5
12.5°	26532.4	26601.6	26618.2	26703.6	26739.6	26837.3	26889.8	26997.5	27061.5	27168.9	27234.9
15°	24095.0	24214.7	24262.5	24429.3	24521.6	24716.4	24838.8	25062.4	25220.3	25457.8	25627.3
17.5°	20740.4	20907.6	20983.1	21209.4	21357.0	21644.5	21851.7	22192.7	22453.8	22832.9	23133.2
20°	17020.3	17206.3	17308.7	17566.8	17741.0	18076.9	18335.6	18754.7	19104.2	19584.5	19995.2
22.5°	13421.5	13598.4	13712.1	13974.8	14170.8	14521.2	14810.3	15252.7	15644.3	16185.5	16677.8
25°	10305.2	10467.3	10570.1	10807.6	10991.8	11313.7	11589.8	12015.2	12398.4	12941.2	13446.2
27.5°	7878.2	8013.9	8113.0	8315.6	8478.0	8751.0	8988.2	9339.8	9669.9	10139.6	10589.3
30°	6031.4	6151.7	6248.2	6424.6	6575.2	6811.9	7020.4	7315.7	7589.0	7962.6	8320.4
32.5°	4609.0	4712.6	4798.5	4952.9	5089.6	5302.7	5490.6	5749.5	5983.9	6300.9	6595.2
35°	3514.2	3718.0	3703.6	3916.5	3950.8	4103.8	4271.4	4497.8	4705.4	4974.9	5225.4
37.5°	2727.6	2784.9	2846.3	2940.5	3039.4	3178.6	3320.2	3596.7	3698.2	3901.8	4109.2
40°	2199.5	2238.2	2278.8	2342.4	2411.7	2509.7	2612.9	2744.8	2880.0	3045.2	3213.8
42.5°	1859.6	1881.5	1907.3	1944.6	1987.3	2049.5	2118.5	2208.0	2302.0	2418.2	2536.8
45°	1661.3	1650.9	1658.6	1678.7	1704.4	1742.2	1785.8	1841.2	1902.4	1977.6	2057.9
47.5°	1476.7	1480.9	1483.1	1494.0	1507.8	1533.1	1559.6	1597.2	1669.8	1691.9	1735.6
50°	1354.7	1356.6	1356.0	1361.5	1368.5	1385.0	1402.1	1427.5	1453.0	1486.7	1518.8
52.5°	1252.4	1255.3	1254.9	1258.5	1262.2	1272.6	1283.4	1301.5	1318.1	1339.5	1358.0
55°	1171.7	1175.6	1177.1	1180.2	1182.0	1187.5	1191.7	1200.3	1207.4	1219.6	1230.8
57.5°	1109.6	1114.9	1117.4	1118.4	1116.3	1116.0	1114.5	1116.4	1117.8	1124.3	1130.6
60°	1060.7	1065.0	1065.7	1065.0	1061.0	1058.1	1053.5	1052.0	1051.3	1054.5	1057.9
62.5°	1009.5	1011.1	1010.0	1008.7	1004.2	1001.3	996.6	994.9	993.2	995.4	997.2
65°	938.7	940.0	938.7	938.0	933.9	931.6	927.6	926.3	923.9	924.5	924.1
67.5°	881.2	882.6	881.5	880.4	877.6	876.2	873.2	871.4	868.5	867.5	865.6
70°	823.9	824.9	823.3	822.3	819.0	817.7	815.0	814.4	812.2	811.8	809.6
72.5°	758.0	758.1	755.8	755.1	752.7	752.6	751.4	752.5	752.4	753.6	753.1
75°	690.5	689.6	686.7	686.2	684.5	685.2	684.1	685.6	685.8	688.4	688.6
77.5°	623.0	619.4	614.0	611.4	607.7	607.3	605.2	606.7	606.2	609.0	610.2
80°	537.7	533.4	526.4	523.1	518.7	518.1	516.1	518.1	517.1	520.4	522.9
82.5°	429.3	425.5	418.3	415.6	410.6	411.1	409.0	411.1	410.8	415.8	418.6
85°	317.6	315.0	307.6	301.0	293.6	289.3	285.1	284.4	283.1	285.1	286.8
87.5°	183.4	181.1	175.2	171.4	158.5	159.1	154.0	153.7	152.4	151.4	154.0
90°	17.6	20.1	18.5	20.6	19.4	22.1	21.1	23.7	21.9	24.0	22.9
92.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.9	4.1
95°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
97.5°	4.9	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.9	4.9	4.9
100°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.4	5.4	5.4
102.5°	5.6	5.6	5.6	5.6	5.7	5.7	5.7	5.7	5.8	5.8	5.8
105°	6.1	6.1	6.2	6.2	6.2	6.2	6.3	6.3	6.4	6.4	6.6
107.5°	6.7	6.7	6.7	6.8	6.8	6.9	6.9	7.0	7.1	7.3	7.4
110°	7.3	7.4	7.4	7.5	7.5	7.6	7.7	7.9	8.1	8.2	8.3



TEST NUMBER: P1444601
 CATALOG NUMBER: EHBR1-30-UNV-TA-L850

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	8.1	8.1	8.2	8.3	8.3	8.5	8.6	8.8	9.1	9.2	9.5
115°	8.9	8.9	9.1	9.1	9.3	9.4	9.8	10.0	10.4	10.7	11.1
117.5°	10.0	10.1	10.3	10.4	10.6	11.0	11.3	11.7	12.1	12.5	13.0
120°	11.6	11.7	11.9	12.0	12.4	12.7	13.1	13.6	14.1	14.7	15.4
122.5°	13.3	13.5	13.8	14.0	14.4	14.9	15.5	16.1	16.7	17.4	18.2
125°	15.7	16.0	16.3	16.6	17.2	17.8	18.5	19.2	19.9	20.5	21.5
127.5°	18.8	19.1	19.4	19.9	20.5	21.1	21.9	22.6	23.6	24.4	25.3
130°	22.4	22.8	23.4	23.8	24.6	25.2	26.0	26.8	27.8	28.6	29.7
132.5°	26.8	27.2	27.7	28.3	29.1	29.9	30.8	31.5	32.5	33.4	34.4
135°	31.7	32.1	32.8	33.4	34.3	34.9	35.9	36.6	37.7	38.5	39.5
137.5°	37.4	37.8	38.4	38.9	39.8	40.5	41.5	42.2	43.0	43.9	44.8
140°	43.3	43.6	44.3	44.9	45.6	46.2	47.1	47.8	48.8	49.5	50.2
142.5°	49.6	49.7	50.3	50.9	51.6	52.2	52.9	53.4	54.2	54.8	55.8
145°	55.5	55.8	56.4	56.8	57.3	57.9	58.5	59.1	59.8	60.3	60.9
147.5°	61.4	61.7	62.2	62.7	63.3	63.7	64.2	64.6	65.3	65.8	66.4
150°	67.0	67.3	67.7	67.9	68.5	69.0	69.5	69.9	70.4	70.8	71.4
152.5°	72.0	72.2	72.6	72.9	73.4	73.8	74.2	74.7	75.1	75.3	75.8
155°	76.6	77.0	77.4	77.7	78.2	78.4	78.9	79.1	79.6	80.0	80.4
157.5°	81.1	81.3	81.8	82.0	82.5	82.7	83.1	83.4	83.9	84.2	84.6
160°	85.1	85.5	85.8	86.1	86.4	86.7	87.1	87.5	87.9	88.2	88.6
162.5°	88.8	89.2	89.6	89.9	90.2	90.6	90.9	91.3	91.7	91.9	92.4
165°	92.4	92.7	93.2	93.4	93.8	94.2	94.5	94.9	95.2	95.6	95.9
167.5°	96.1	96.3	96.8	97.0	97.3	97.6	98.0	98.3	98.7	98.9	99.3
170°	99.5	99.8	100.1	100.4	100.7	100.9	101.2	101.4	101.8	102.0	102.4
172.5°	102.6	102.8	103.0	103.1	103.3	103.6	103.8	103.9	104.2	104.4	104.6
175°	105.4	105.4	105.5	105.6	105.7	105.7	105.8	106.0	106.1	106.2	106.3
177.5°	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5
180°	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1



TEST NUMBER: P1444601
 CATALOG NUMBER: EHBR1-30-UNV-TA-L850

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6
2.5°	26086.9	26087.9	26066.9	26065.7	26046.1	26043.5	26024.4	26018.5	26003.0	25997.3	25981.4
5°	26878.3	26852.6	26793.4	26758.6	26700.1	26661.3	26597.9	26556.7	26495.5	26449.4	26387.9
7.5°	27678.7	27639.0	27572.5	27518.6	27437.4	27372.6	27277.5	27199.7	27096.7	27007.6	26899.5
10°	27913.5	27907.4	27890.4	27865.8	27827.9	27785.5	27720.9	27653.4	27563.2	27465.2	27345.1
12.5°	27335.9	27398.3	27483.3	27533.8	27595.1	27622.0	27647.1	27640.7	27624.2	27574.6	27505.2
15°	25872.6	26047.9	26280.0	26459.8	26666.8	26817.2	26983.3	27086.7	27190.0	27237.6	27266.8
17.5°	23544.9	23876.8	24292.9	24637.8	25035.7	25355.4	25705.7	25969.5	26240.7	26435.0	26610.7
20°	20555.0	21035.8	21624.4	22144.4	22749.0	23274.4	23850.1	24322.8	24810.2	25191.4	25552.1
22.5°	17312.0	17883.0	18594.5	19253.7	20033.2	20733.6	21524.0	22211.8	22930.0	23530.0	24110.1
25°	14122.9	14749.2	15527.3	16262.7	17145.4	17960.2	18897.5	19754.7	20683.1	21488.9	22285.1
27.5°	11210.8	11825.7	12620.1	13402.9	14336.4	15204.6	16208.8	17153.3	18210.3	19185.0	20182.0
30°	8817.4	9338.9	10051.2	10809.5	11730.1	12613.5	13628.7	14600.1	15699.7	16763.9	17886.9
32.5°	6985.8	7383.1	7943.1	8584.2	9433.7	10274.6	11241.3	12179.1	13261.8	14336.8	15504.9
35°	5548.0	5857.8	6284.8	6785.2	7504.5	8229.5	9084.5	9937.2	10947.4	11967.5	13102.8
37.5°	4374.9	4626.3	4960.7	5336.5	5913.5	6508.5	7209.5	7916.6	8794.3	9698.5	10727.5
40°	3416.3	3619.9	3880.2	4160.5	4596.2	5054.6	5596.8	6145.0	6850.2	7589.3	8440.8
42.5°	2683.8	2834.0	3017.9	3222.7	3629.2	3872.5	4240.2	4636.7	5155.2	5691.7	6331.9
45°	2155.3	2257.8	2385.3	2522.7	2711.4	2917.8	3169.6	3433.7	3926.2	4167.7	4557.1
47.5°	1799.9	1868.7	1949.8	2036.4	2147.7	2267.7	2417.1	2569.7	2767.2	2971.9	3211.8
50°	1560.5	1630.5	1658.3	1703.2	1767.6	1836.2	1920.4	2004.5	2110.4	2217.8	2341.3
52.5°	1382.9	1405.6	1436.0	1464.5	1504.4	1582.5	1607.7	1651.7	1711.1	1769.2	1834.0
55°	1247.2	1262.0	1281.8	1299.0	1323.1	1346.1	1379.4	1408.7	1448.4	1483.3	1526.4
57.5°	1141.6	1151.0	1164.8	1176.1	1191.6	1204.7	1224.2	1240.0	1262.8	1282.7	1308.8
60°	1064.9	1071.2	1080.4	1087.8	1097.7	1104.5	1114.2	1121.7	1133.6	1143.7	1158.3
62.5°	1002.2	1005.5	1011.5	1015.8	1022.2	1025.6	1030.7	1033.9	1040.6	1045.6	1053.8
65°	927.1	927.8	931.8	933.7	938.6	940.4	944.7	946.1	951.6	955.4	962.5
67.5°	865.4	863.7	863.8	862.3	863.0	861.6	861.9	860.5	862.6	863.8	869.2
70°	809.2	806.7	806.0	803.4	802.6	800.0	799.2	796.8	796.5	795.7	797.7
72.5°	754.4	753.7	753.9	752.0	751.8	750.1	750.2	749.0	750.3	750.9	753.3
75°	691.3	691.5	692.7	691.1	691.6	690.1	690.6	689.2	690.0	689.7	692.1
77.5°	614.6	616.4	619.7	619.0	620.1	618.4	619.1	617.2	617.8	616.4	617.4
80°	528.3	532.1	536.6	536.4	538.3	537.1	538.8	536.9	537.7	535.3	534.8
82.5°	425.8	429.1	433.9	434.1	438.3	439.0	443.7	443.5	446.4	444.6	443.2
85°	291.1	293.3	297.5	299.8	304.1	306.8	311.3	313.2	309.9	315.8	311.1
87.5°	152.1	157.7	154.5	161.9	160.1	167.6	166.0	172.9	171.5	177.5	176.7
90°	26.0	25.2	28.6	28.1	32.4	32.5	37.0	36.7	41.1	41.0	45.3
92.5°	3.9	4.1	4.1	4.1	4.1	4.2	4.1	4.1	4.1	4.2	4.1
95°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.5	4.5	4.5	4.5
97.5°	4.9	4.9	4.9	4.9	5.0	5.0	5.0	5.0	5.0	5.1	5.1
100°	5.4	5.5	5.5	5.5	5.5	5.5	5.6	5.6	5.7	5.7	5.7
102.5°	6.0	6.0	6.1	6.2	6.2	6.3	6.4	6.6	6.6	6.7	6.7
105°	6.7	6.8	6.9	7.0	7.1	7.4	7.5	7.6	7.7	7.9	7.9
107.5°	7.6	7.7	8.0	8.1	8.3	8.5	8.7	8.8	9.1	9.1	9.2
110°	8.6	8.8	9.1	9.3	9.5	9.9	10.1	10.4	10.6	10.8	11.0



TEST NUMBER: P1444601
 CATALOG NUMBER: EHBR1-30-UNV-TA-L850

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	9.8	10.3	10.5	11.0	11.3	11.7	12.0	12.4	12.6	12.9	13.1
115°	11.6	12.0	12.5	12.9	13.3	13.8	14.1	14.5	14.9	15.3	15.5
117.5°	13.5	14.1	14.5	15.3	15.7	16.3	16.7	17.2	17.6	18.0	18.4
120°	16.0	16.6	17.3	18.0	18.6	19.2	19.7	20.2	20.6	21.1	21.5
122.5°	18.9	19.7	20.3	21.1	21.7	22.4	23.0	23.7	24.1	24.7	25.0
125°	22.3	23.1	23.9	24.7	25.3	26.1	26.7	27.4	27.9	28.6	29.1
127.5°	26.1	27.1	27.8	28.7	29.4	30.3	30.8	31.5	32.1	32.8	33.4
130°	30.5	31.4	32.2	33.0	33.7	34.7	35.2	36.0	36.6	37.3	38.0
132.5°	35.2	36.0	36.8	37.8	38.5	39.2	39.9	40.8	41.3	42.1	42.7
135°	40.3	41.2	41.8	42.7	43.3	44.1	44.8	45.6	46.1	47.0	47.6
137.5°	45.5	46.4	47.1	47.8	48.4	49.2	49.7	50.5	51.1	52.0	52.6
140°	50.9	51.7	52.3	53.0	53.5	54.2	54.8	55.5	56.1	56.8	57.2
142.5°	56.4	57.0	57.5	58.2	58.7	59.4	59.8	60.4	60.9	61.5	62.0
145°	61.5	62.2	62.7	63.3	63.6	64.2	64.5	65.1	65.4	66.0	66.4
147.5°	66.9	67.5	67.8	68.3	68.5	69.1	69.3	69.7	70.1	70.4	70.7
150°	71.6	72.2	72.5	72.9	73.2	73.7	73.9	74.2	74.4	74.7	74.9
152.5°	76.2	76.6	76.9	77.2	77.5	77.8	77.9	78.3	78.4	78.5	78.7
155°	80.6	81.1	81.3	81.7	81.8	82.1	82.1	82.4	82.5	82.6	82.6
157.5°	84.9	85.3	85.6	85.8	85.9	86.2	86.2	86.4	86.4	86.6	86.6
160°	88.9	89.2	89.5	89.7	90.0	90.0	90.1	90.4	90.5	90.5	90.5
162.5°	92.6	93.0	93.2	93.4	93.6	93.8	93.9	94.1	94.2	94.3	94.3
165°	96.2	96.5	96.8	97.0	97.1	97.3	97.4	97.6	97.6	97.8	97.8
167.5°	99.5	99.9	100.1	100.4	100.5	100.7	100.8	101.0	101.0	101.1	101.1
170°	102.5	102.6	102.9	103.1	103.2	103.3	103.5	103.6	103.6	103.7	103.7
172.5°	104.7	104.9	104.9	105.1	105.1	105.3	105.4	105.4	105.5	105.5	105.5
175°	106.3	106.4	106.6	106.6	106.6	106.7	106.7	106.7	106.7	106.7	106.7
177.5°	107.5	107.5	107.5	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.3
180°	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1



TEST NUMBER: P1444601
 CATALOG NUMBER: EHBR1-30-UNV-TA-L850

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6	25813.6
2.5°	25975.8	25964.5	25957.2	25948.0	25942.3	25935.1	25929.8	25925.4	25921.7	25918.4	25915.8
5°	26341.0	26282.9	26237.9	26189.1	26149.0	26109.1	26078.2	26052.7	26035.1	26021.8	26014.1
7.5°	26806.1	26699.8	26605.2	26505.8	26416.6	26328.9	26253.3	26188.1	26139.2	26107.6	26088.3
10°	27221.4	27079.1	26938.4	26790.3	26649.8	26513.6	26387.9	26277.3	26189.8	26131.7	26097.7
12.5°	27407.5	27286.3	27142.6	26981.8	26809.7	26635.6	26465.8	26312.8	26184.3	26098.2	26048.4
15°	27243.6	27193.8	27096.3	26971.5	26808.1	26628.1	26428.9	26241.6	26069.2	25957.5	25892.8
17.5°	26710.2	26779.7	26772.2	26724.5	26607.1	26455.5	26252.5	26042.1	25826.6	25677.2	25595.6
20°	25810.2	26028.5	26139.2	26196.1	26150.0	26051.7	25867.8	25654.4	25403.1	25208.1	25089.1
22.5°	24545.4	24930.8	25171.0	25346.7	25384.0	25350.5	25188.2	24985.1	24705.1	24470.7	24295.0
25°	22917.0	23481.8	23861.4	24159.0	24274.6	24304.4	24166.3	23964.4	23652.2	23379.1	23137.8
27.5°	20999.1	21733.0	22239.9	22639.8	22820.2	22898.5	22771.4	22565.3	22196.0	21870.0	21554.7
30°	18840.1	19710.6	20320.9	20800.4	21020.5	21123.8	20988.7	20758.8	20329.0	19936.8	19539.6
32.5°	16529.1	17481.7	18146.7	18667.5	18885.5	18982.8	18806.1	18547.8	18051.0	17589.0	17125.7
35°	14109.5	15071.1	15741.7	16248.6	16431.4	16490.0	16264.0	15965.4	15415.1	14907.9	14402.9
37.5°	11640.7	12535.3	13144.9	13599.7	13712.8	13722.9	13450.6	13120.9	12542.5	12042.4	11539.6
40°	9193.2	9947.7	10439.9	10803.9	10843.2	10808.1	10512.1	10180.2	9639.2	9191.2	8749.7
42.5°	6887.8	7457.4	7808.4	8057.9	8043.1	7973.9	7702.5	7417.3	6970.8	6629.6	6282.3
45°	4912.8	5288.3	5493.6	5639.6	5592.7	5526.8	5315.5	5115.6	4812.2	4591.8	4358.4
47.5°	3412.9	3861.3	3783.3	4068.8	3822.8	3985.3	3647.0	3460.5	3299.5	3182.4	3050.5
50°	2443.3	2546.2	2595.8	2629.7	2611.7	2586.6	2525.9	2471.6	2398.0	2344.4	2281.9
52.5°	1887.0	1938.3	1966.4	1986.9	1982.8	1973.7	1947.3	1923.0	1888.6	1865.9	1838.5
55°	1598.4	1599.1	1650.8	1628.6	1661.4	1623.0	1638.1	1595.5	1602.5	1565.9	1541.3
57.5°	1328.1	1349.3	1358.7	1367.8	1365.3	1363.7	1353.4	1348.3	1336.7	1333.1	1324.9
60°	1168.3	1179.3	1181.6	1185.8	1182.3	1180.9	1172.9	1170.0	1162.2	1160.9	1155.4
62.5°	1058.7	1064.3	1064.3	1064.3	1059.7	1055.4	1046.4	1041.7	1035.1	1033.7	1030.5
65°	967.2	973.0	974.0	975.2	971.9	968.4	960.6	955.6	948.8	946.1	942.5
67.5°	872.8	879.0	881.1	884.2	882.4	881.7	876.3	874.3	869.8	868.7	865.4
70°	798.6	801.2	801.0	800.9	796.7	793.0	786.8	783.9	779.1	778.2	775.1
72.5°	754.5	756.4	755.2	753.6	748.1	742.6	735.3	729.9	723.8	720.0	715.7
75°	692.4	694.9	693.3	692.2	687.4	683.8	677.9	674.9	670.6	669.4	666.4
77.5°	616.2	617.4	614.9	614.6	610.9	608.5	604.1	603.4	600.3	600.3	597.4
80°	531.3	530.6	526.7	525.9	522.2	521.2	517.8	518.0	515.5	516.5	514.5
82.5°	437.2	434.9	429.6	428.0	423.8	423.4	421.0	423.0	421.4	423.8	422.4
85°	313.3	313.9	311.7	311.7	310.4	310.8	310.6	312.1	312.3	314.3	314.2
87.5°	174.6	177.2	176.7	179.0	178.9	181.5	182.3	186.1	186.6	190.2	190.2
90°	45.2	49.8	49.6	54.4	54.6	59.2	60.1	64.6	65.0	69.1	68.7
92.5°	4.1	4.1	4.2	4.1	4.1	3.9	4.3	3.9	4.1	3.9	3.9
95°	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.4
97.5°	5.1	5.1	5.1	5.1	5.1	5.1	5.0	5.0	5.0	5.0	5.0
100°	5.7	5.7	5.8	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.6
102.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.7	6.7	6.7	6.7
105°	8.0	8.0	8.1	8.1	8.1	8.1	8.1	8.0	8.0	8.0	8.0
107.5°	9.3	9.3	9.4	9.4	9.5	9.5	9.5	9.4	9.5	9.4	9.4
110°	11.2	11.3	11.4	11.4	11.6	11.6	11.6	11.6	11.7	11.6	11.6



TEST NUMBER: P1444601
 CATALOG NUMBER: EHBR1-30-UNV-TA-L850

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	13.3	13.5	13.7	13.7	13.9	13.9	14.0	14.0	14.1	14.0	14.1
115°	15.8	16.1	16.3	16.4	16.6	16.7	16.9	16.9	17.1	17.1	17.1
117.5°	18.8	19.1	19.4	19.6	19.8	20.0	20.2	20.3	20.4	20.4	20.5
120°	21.9	22.3	22.8	23.1	23.5	23.7	24.0	24.1	24.3	24.3	24.4
122.5°	25.6	26.0	26.6	26.9	27.4	27.7	28.0	28.3	28.5	28.5	28.6
125°	29.8	30.3	30.8	31.2	31.7	32.1	32.5	32.7	33.0	33.0	33.1
127.5°	34.1	34.7	35.3	35.8	36.4	36.7	37.2	37.4	37.8	37.8	37.9
130°	38.6	39.2	40.0	40.6	41.2	41.6	42.2	42.3	42.7	42.7	42.8
132.5°	43.5	44.1	44.9	45.5	46.1	46.6	47.1	47.3	47.7	47.7	47.8
135°	48.4	49.0	49.7	50.3	51.0	51.6	52.1	52.4	52.7	52.7	52.8
137.5°	53.2	53.8	54.5	55.1	55.8	56.3	56.8	57.0	57.3	57.5	57.5
140°	58.0	58.4	59.2	59.7	60.3	60.7	61.2	61.5	61.9	61.9	62.0
142.5°	62.6	63.0	63.7	64.1	64.5	64.9	65.3	65.6	65.9	66.0	66.0
145°	66.9	67.2	67.8	68.1	68.5	68.8	69.2	69.4	69.5	69.5	69.6
147.5°	71.2	71.4	71.6	71.9	72.4	72.6	72.8	72.9	73.2	73.2	73.2
150°	75.1	75.2	75.3	75.5	75.7	75.8	75.9	76.1	76.2	76.1	76.1
152.5°	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	78.9	78.8
155°	82.6	82.6	82.6	82.6	82.6	82.6	82.5	82.4	82.2	82.0	81.8
157.5°	86.6	86.4	86.6	86.4	86.3	86.2	86.2	85.9	85.8	85.5	85.2
160°	90.6	90.5	90.5	90.4	90.2	90.0	90.0	89.6	89.4	89.0	88.7
162.5°	94.3	94.3	94.2	94.1	93.9	93.8	93.6	93.3	93.1	92.7	92.4
165°	97.9	97.8	97.8	97.6	97.5	97.3	97.2	97.0	96.8	96.4	96.1
167.5°	101.1	101.1	101.0	100.9	100.8	100.7	100.5	100.2	100.0	99.6	99.4
170°	103.7	103.6	103.6	103.5	103.3	103.2	103.0	102.8	102.5	102.4	102.1
172.5°	105.4	105.4	105.3	105.1	105.1	105.0	104.8	104.7	104.5	104.3	104.2
175°	106.6	106.6	106.4	106.4	106.3	106.2	106.1	106.0	105.8	105.7	105.5
177.5°	107.3	107.3	107.1	107.1	107.0	107.0	106.9	106.8	106.8	106.7	106.6
180°	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1



TEST NUMBER: P1444601
CATALOG NUMBER: EHBR1-30-UNV-TA-L850

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	25813.6	25813.6
2.5°	25913.6	25912.2
5°	26009.9	26008.4
7.5°	26083.2	26082.7
10°	26091.8	26096.3
12.5°	26039.8	26043.4
15°	25887.8	25894.8
17.5°	25597.1	25606.4
20°	25096.3	25106.1
22.5°	24285.5	24289.5
25°	23106.5	23089.8
27.5°	21499.3	21470.5
30°	19456.2	19428.3
32.5°	17020.1	17002.7
35°	14278.0	14267.0
37.5°	11391.0	11368.7
40°	8588.4	8523.1
42.5°	6130.1	6015.7
45°	4236.5	4100.7
47.5°	2957.4	2873.6
50°	2241.7	2214.6
52.5°	1826.5	1820.3
55°	1541.2	1538.4
57.5°	1326.8	1325.8
60°	1158.3	1158.0
62.5°	1032.7	1033.2
65°	944.2	944.4
67.5°	866.3	865.7
70°	776.3	775.6
72.5°	714.2	713.2
75°	666.4	665.8
77.5°	598.3	597.2
80°	515.8	514.5
82.5°	424.2	422.8
85°	316.5	316.6
87.5°	193.6	193.5
90°	72.5	71.6
92.5°	4.1	4.3
95°	4.4	4.4
97.5°	5.0	5.0
100°	5.6	5.6
102.5°	6.7	6.7
105°	8.0	8.0
107.5°	9.4	9.4
110°	11.6	11.6



TEST NUMBER: P1444601
CATALOG NUMBER: EHBR1-30-UNV-TA-L850

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	14.0	14.0
115°	16.9	16.9
117.5°	20.4	20.3
120°	24.2	24.2
122.5°	28.4	28.3
125°	32.9	32.8
127.5°	37.7	37.5
130°	42.4	42.3
132.5°	47.6	47.3
135°	52.6	52.4
137.5°	57.2	57.0
140°	61.7	61.5
142.5°	65.9	65.7
145°	69.5	69.3
147.5°	72.8	72.7
150°	75.8	75.6
152.5°	78.4	78.2
155°	81.4	81.1
157.5°	84.7	84.4
160°	88.2	87.9
162.5°	91.9	91.6
165°	95.6	95.2
167.5°	98.9	98.7
170°	101.8	101.6
172.5°	103.9	103.7
175°	105.4	105.3
177.5°	106.6	106.4
180°	107.1	107.1

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-4

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L850-N

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

Test Information

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

Spectral Parameters

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

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



Test Conditions

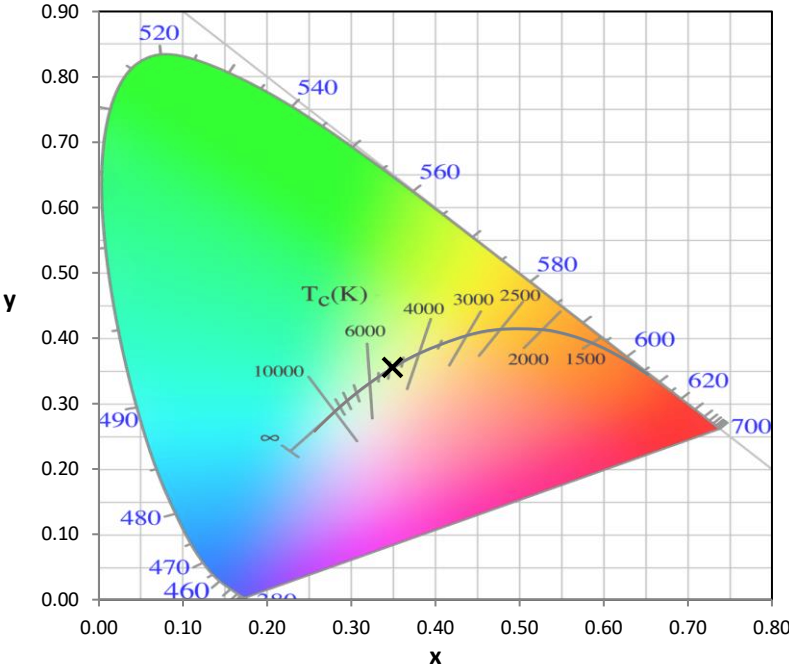
Stabilization Time: 39M
 Operation Time: 1H 39M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2506-472-4

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

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CIE 1931 Chromaticity Diagram



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

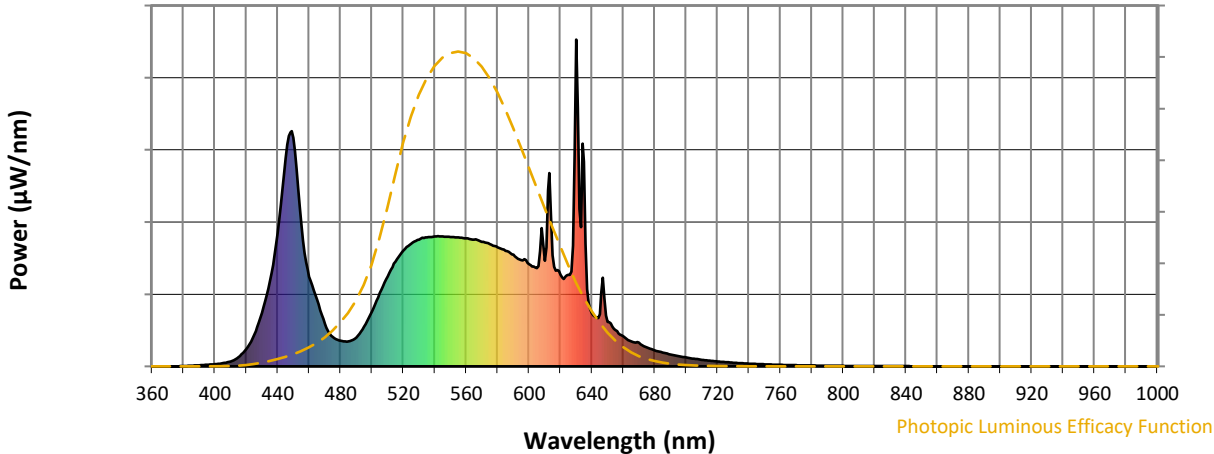


CCT = 4875K
 CIE x = 0.3488
 CIE y = 0.3555
 Duv = 0.0005

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-4

Photopic Flux vs. Wavelength

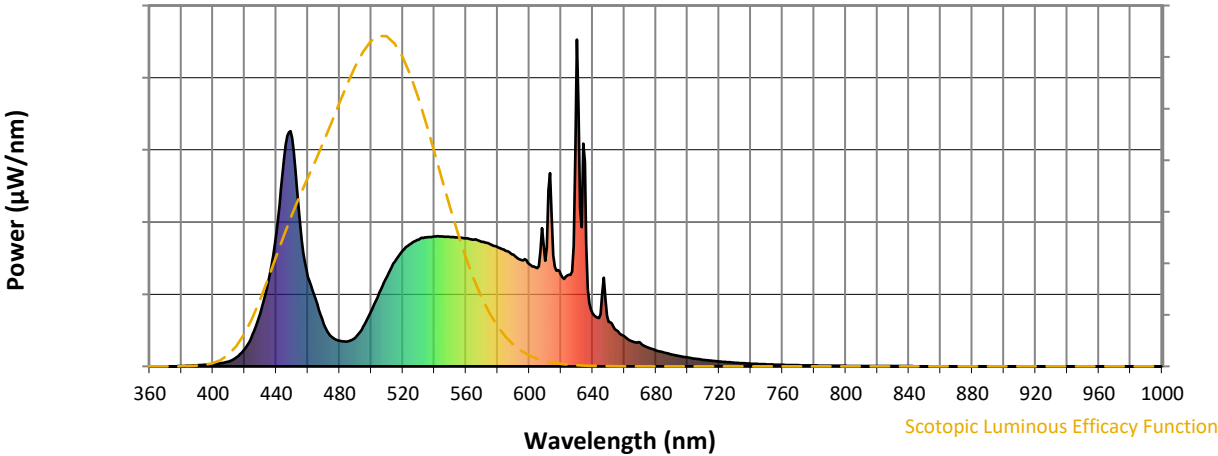


Photopic Lumens: NR

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^{\wedge}/nm	Lumens (ϕ/nm)	λ (nm)	Power W^{\wedge}/nm	Lumens (ϕ/nm)	λ (nm)	Power W^{\wedge}/nm	Lumens (ϕ/nm)	λ (nm)	Power W^{\wedge}/nm	Lumens (ϕ/nm)	λ (nm)	Power W^{\wedge}/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

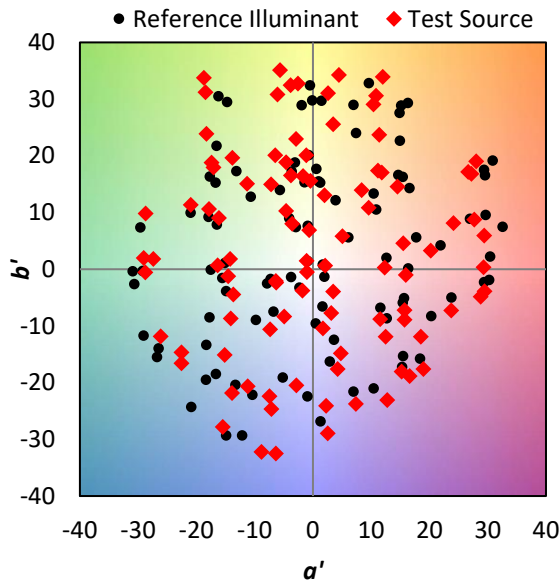
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	89	NR	620	280	NR	750	6	NR	880	0	NR
365	0	NR	495	121	NR	625	280	NR	755	5	NR	885	0	NR
370	0	NR	500	168	NR	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

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

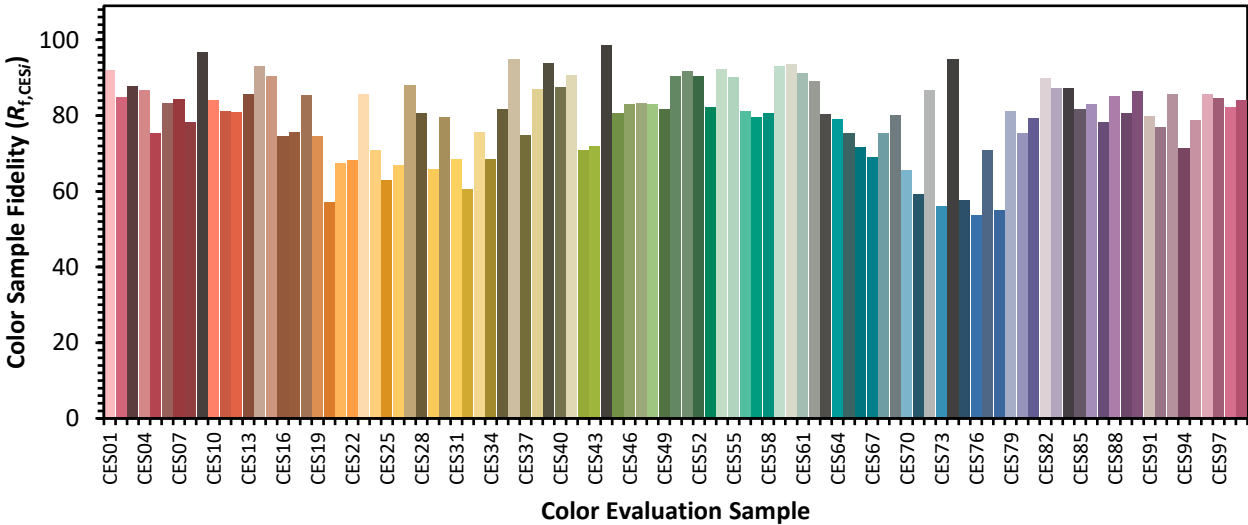


Color Vector Graphics

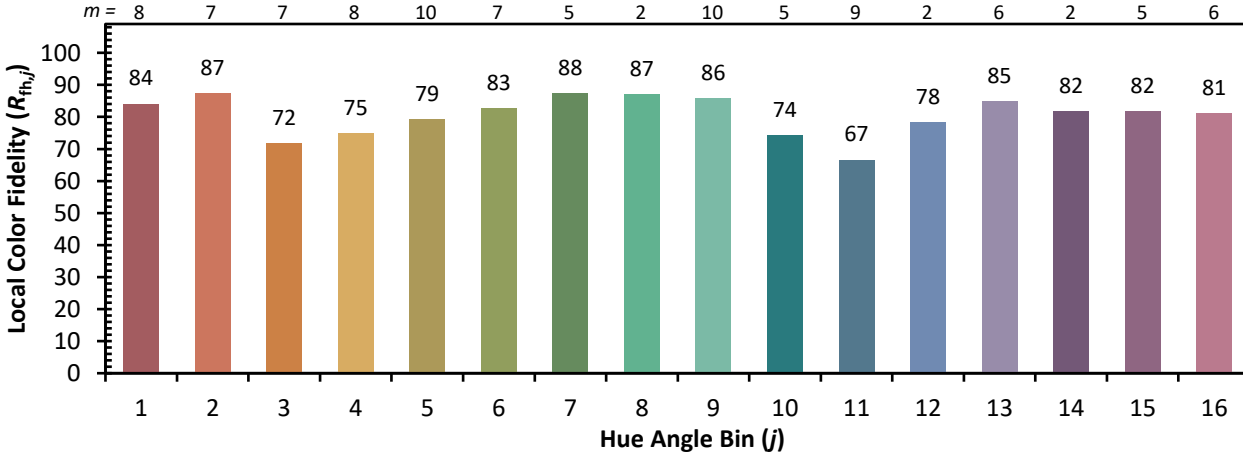


Individual Sample Fidelity Index ($R_{f,i}$)

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)