

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: P1444856

Luminaire Tested: EHBR1-60-UNV-TA-L940-UPL40

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444856
REPORT IS A COMBINATION OF REPORTS P1444362 AND P1431635
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-60-UNV-TA-L940-UPL40
Description: Elevate Round Highbay at, 60000 lumens, 4000K 90CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

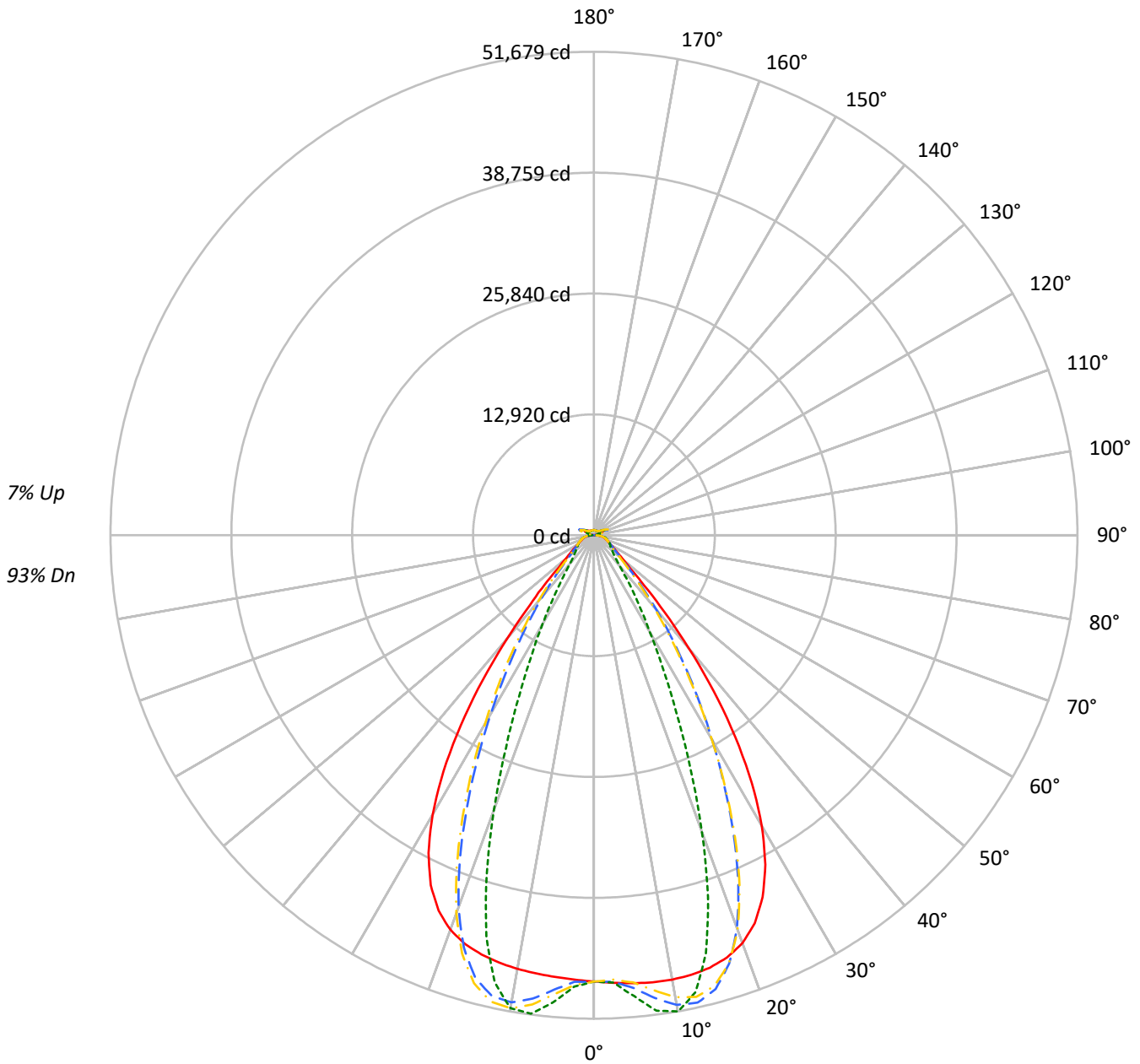
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 58843.7 lumens
Efficiency: N/A
Efficacy: 163.0 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): 361
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1444856
CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL40

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	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	96	96	96	93
1	110	107	104	101	107	104	101	99	99	96	94	94	92	90	89	88	87	87	87	87	84
2	103	98	93	89	101	95	91	87	91	87	84	87	84	81	83	81	79	79	79	79	76
3	97	90	84	79	94	88	82	78	84	79	76	81	77	74	77	74	72	72	72	72	70
4	91	83	76	71	89	81	75	70	78	73	69	75	71	67	72	69	66	66	66	66	64
5	86	76	70	65	84	75	69	64	72	67	63	70	65	62	68	64	61	61	61	61	59
6	81	71	64	59	79	70	63	59	68	62	58	65	61	57	63	59	56	56	56	56	54
7	77	66	59	55	75	65	59	54	63	58	54	61	57	53	60	55	52	52	52	52	50
8	73	62	55	51	71	61	55	50	59	54	50	58	53	49	56	52	49	49	49	49	47
9	69	58	52	47	67	57	51	47	56	50	46	54	49	46	53	49	45	45	45	45	44
10	65	55	48	44	64	54	48	44	53	47	43	51	46	43	50	46	43	43	43	43	41

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	224024	224024	224024	224024
5°	225108	231672	221958	234707
10°	226987	243238	221544	241629
15°	228101	220493	221157	211615
20°	225742	164260	218354	151980
25°	213675	103885	206612	94258
30°	186660	62428	179431	57052
35°	143655	39173	135392	34701
40°	90875	24572	83143	23091
45°	46839	19143	46062	18829
50°	27461	17028	26619	16762
55°	21038	16110	20260	15965
60°	17801	16456	17043	16243
65°	16720	17186	16080	16599
70°	16335	17995	15521	17318
75°	17465	19085	16522	18240
80°	18074	21132	16388	19290
85°	17021	20390	13753	17460

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 71680 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4701.4	8.0
10°-20°	13225.4	22.5
20°-30°	15062.7	25.6
30°-40°	10826.4	18.4
40°-50°	4993.1	8.5
50°-60°	2389.4	4.1
60°-70°	1743.4	3.0
70°-80°	1324.5	2.3
80°-90°	608.8	1.0
90°-100°	114.6	0.2
100°-110°	644.1	1.1
110°-120°	1189.5	2.0
120°-130°	731.6	1.2
130°-140°	475.4	0.8
140°-150°	356.7	0.6
150°-160°	251.2	0.4
160°-170°	152.8	0.3
170°-180°	52.6	0.1
0°-30°	32989.5	56.1
0°-40°	43815.9	74.5
0°-60°	51198.4	87.0
0°-90°	54875.2	93.3
90°-120°	1948.2	3.3
90°-150°	3511.9	6.0
90°-180°	3968.0	6.7
0°-180°	58843.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	47704	47704	47704	47704	47704	
5°	48064	49466	47392	50114	48064	4593
15°	47854	46258	46398	44396	47854	13483
25°	42671	20746	41260	18823	42671	19344
35°	26366	7190	24849	6369	26366	16181
45°	7578	3097	7453	3046	7578	6445
55°	2843	2177	2738	2158	2843	2624
65°	1745	1794	1678	1733	1745	1743
75°	1230	1344	1164	1285	1230	1279
85°	585	701	473	600	585	550
90°	158	201	46	56	158	99
95°	52	58	52	58	52	50
105°	234	300	158	300	234	309
115°	1039	1256	1088	1257	1039	960
125°	787	820	890	822	787	717
135°	627	551	674	556	627	489
145°	564	542	599	549	564	356
155°	531	531	565	536	531	247
165°	533	531	552	535	533	151
175°	548	553	558	554	548	52
180°	555	555	555	555	555	



TEST NUMBER: P1444856
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3
2.5°	47886.5	47882.7	47881.9	47878.6	47877.6	47877.6	47876.1	47872.2	47869.7	47864.2	47858.1
5°	48064.2	48062.1	48063.3	48063.7	48060.3	48052.9	48041.2	48026.9	48008.9	47991.9	47976.7
7.5°	48201.6	48204.9	48209.2	48208.3	48197.8	48180.3	48156.5	48143.1	48151.0	48177.0	48236.4
10°	48226.6	48247.2	48255.1	48252.6	48231.9	48216.8	48222.6	48273.2	48373.7	48508.0	48691.5
12.5°	48128.9	48154.1	48153.1	48144.8	48124.7	48145.2	48218.3	48368.8	48584.5	48849.2	49159.7
15°	47854.3	47886.9	47877.6	47866.9	47853.4	47920.8	48067.0	48328.4	48661.4	49034.6	49416.7
17.5°	47321.3	47360.6	47341.5	47329.3	47317.9	47444.1	47695.4	48078.0	48497.6	48919.7	49281.8
20°	46396.6	46423.0	46377.6	46356.2	46374.1	46621.5	46991.6	47480.2	47922.5	48321.7	48569.1
22.5°	44887.7	44920.4	44835.0	44825.1	44930.5	45310.4	45778.5	46324.9	46740.4	47056.8	47152.1
25°	42670.7	42702.8	42601.4	42662.0	42841.3	43358.7	43916.4	44500.7	44855.1	45089.6	45024.8
27.5°	39678.1	39707.5	39611.3	39735.1	40018.5	40698.5	41354.7	41988.5	42304.4	42468.7	42260.7
30°	35904.0	35965.1	35851.4	36024.1	36456.7	37339.5	38091.4	38802.1	39117.2	39242.2	38918.3
32.5°	31421.5	31508.3	31382.9	31640.1	32243.6	33304.1	34158.2	34952.4	35300.8	35443.5	35077.7
35°	26365.8	26490.3	26346.6	26732.4	27476.8	28657.7	29603.5	30490.2	30902.8	31105.0	30736.5
37.5°	21009.5	21128.2	21050.4	21565.1	22382.6	23606.6	24572.1	25528.5	25994.6	26298.1	26007.4
40°	15750.9	15859.5	15918.3	16506.9	17275.8	18429.3	19356.7	20303.1	20824.4	21205.5	21026.2
42.5°	11117.0	11226.5	11426.6	11994.5	12635.7	13590.6	14385.0	15234.6	15732.7	16139.2	16070.0
45°	7578.3	7705.4	7956.1	8421.1	8884.8	9569.9	10153.2	10814.0	11220.8	11593.1	11597.6
47.5°	5310.5	5399.7	5623.8	5941.3	6243.6	7101.3	7136.4	7461.2	7734.7	8013.0	8049.0
50°	4092.7	4146.5	4265.3	4442.2	4613.5	4836.1	5040.0	5275.3	5443.6	5596.2	5632.6
52.5°	3363.9	3398.1	3458.5	3554.3	3653.7	3774.8	3883.8	4013.2	4104.7	4186.3	4203.6
55°	2843.1	2871.3	2961.3	2979.6	3093.2	3115.1	3163.6	3242.3	3295.5	3344.5	3356.7
57.5°	2450.0	2470.5	2489.6	2530.5	2565.5	2616.4	2657.4	2713.9	2747.4	2782.8	2785.8
60°	2140.0	2154.8	2168.4	2196.7	2220.6	2256.0	2284.2	2322.6	2346.6	2373.2	2376.2
62.5°	1909.2	1919.8	1928.9	1947.6	1964.6	1991.8	2014.2	2046.3	2068.7	2089.2	2093.8
65°	1745.2	1753.0	1758.8	1772.9	1787.7	1810.9	1831.2	1857.4	1873.9	1889.7	1893.0
67.5°	1599.8	1607.3	1613.2	1626.2	1636.4	1653.8	1667.4	1687.0	1699.4	1711.9	1712.3
70°	1433.3	1440.2	1444.8	1456.8	1465.1	1480.0	1490.9	1508.6	1521.4	1535.4	1538.9
72.5°	1318.0	1322.1	1328.2	1339.2	1350.7	1366.6	1381.4	1399.7	1415.1	1429.6	1435.8
75°	1230.3	1235.1	1239.2	1248.5	1256.5	1269.9	1280.9	1297.7	1311.1	1326.7	1334.3
77.5°	1103.7	1109.2	1112.8	1122.2	1129.1	1141.9	1150.0	1165.1	1176.0	1190.2	1197.1
80°	950.8	956.0	958.4	967.2	972.7	984.6	992.6	1007.0	1016.2	1030.4	1038.7
82.5°	781.3	786.2	787.6	795.9	799.0	808.7	814.5	829.4	840.7	859.1	871.8
85°	585.0	586.8	589.6	587.5	599.3	600.1	613.5	616.0	633.6	638.3	658.4
87.5°	357.7	363.0	365.6	373.8	377.3	385.4	387.9	396.6	401.4	411.2	415.8
90°	158.5	167.1	170.4	180.6	183.5	192.6	195.0	205.2	208.4	218.8	223.6
92.5°	46.0	48.9	51.6	55.2	58.0	62.0	65.4	68.8	71.8	75.6	81.5
95°	52.3	55.6	59.0	62.3	65.7	68.9	72.3	75.6	79.0	82.4	92.0
97.5°	65.4	68.3	71.2	74.1	77.0	79.9	82.8	85.7	88.6	91.3	102.9
100°	84.7	87.1	89.6	92.0	94.5	97.0	99.4	101.8	104.3	106.8	128.2
102.5°	138.9	147.6	156.3	165.0	173.7	182.2	191.1	199.6	208.3	217.0	262.5
105°	233.6	257.0	280.9	304.3	327.9	351.6	375.3	398.5	422.1	445.6	520.1
107.5°	397.0	440.5	484.2	528.0	571.7	615.2	658.9	702.5	746.0	789.3	864.9
110°	730.1	765.0	800.2	835.3	870.3	905.6	940.6	975.3	1010.6	1045.5	1100.6



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	983.6	999.3	1015.2	1031.1	1046.9	1062.5	1078.4	1094.0	1110.0	1125.4	1164.8
115°	1039.1	1044.5	1050.2	1055.5	1061.1	1066.4	1071.8	1077.0	1082.6	1087.6	1114.2
117.5°	1011.3	1010.2	1009.2	1008.0	1006.6	1005.5	1004.3	1002.8	1001.5	1000.1	1014.9
120°	946.1	941.0	936.1	930.7	925.8	920.5	915.4	910.1	904.7	899.2	905.6
122.5°	863.4	857.3	851.6	845.2	839.1	832.7	826.6	819.8	813.9	807.4	809.5
125°	787.3	781.1	775.4	769.0	762.6	756.1	749.7	743.2	736.7	729.9	731.0
127.5°	721.7	717.5	713.2	708.3	703.8	698.9	694.1	689.1	684.5	679.2	679.3
130°	680.7	676.7	672.8	668.4	664.3	659.7	655.2	650.4	646.1	641.2	641.3
132.5°	647.6	644.9	642.0	638.7	635.6	631.7	628.5	624.6	621.1	617.5	617.7
135°	626.7	623.9	621.4	618.3	615.3	611.8	608.4	604.7	601.4	597.7	598.3
137.5°	609.3	606.9	604.4	601.5	598.7	595.1	592.2	588.7	585.5	582.0	582.5
140°	593.5	591.3	588.8	586.1	583.6	580.6	577.5	574.5	571.3	568.0	568.9
142.5°	575.2	573.1	571.5	569.1	567.0	564.3	561.9	559.0	556.6	553.7	555.0
145°	563.8	562.2	560.8	558.8	556.7	554.2	552.2	549.5	547.4	545.0	546.3
147.5°	554.0	552.7	551.4	549.9	548.3	546.1	544.2	542.0	540.2	538.1	539.6
150°	545.4	544.2	543.1	541.7	539.9	538.0	536.2	534.4	532.4	530.4	531.9
152.5°	535.9	534.6	533.6	532.2	530.6	528.5	527.2	525.3	523.6	521.6	522.8
155°	531.3	530.0	528.6	527.4	525.8	524.1	522.5	520.9	519.3	517.4	518.5
157.5°	529.4	528.1	527.1	525.7	524.7	523.3	521.9	520.5	519.2	517.9	518.5
160°	529.8	528.7	527.6	526.4	525.1	523.6	522.5	521.1	520.1	518.6	519.1
162.5°	530.8	529.5	528.3	527.1	525.9	524.5	523.3	522.3	521.1	519.7	520.4
165°	533.3	532.6	531.7	530.9	529.9	529.1	528.1	527.1	526.2	525.2	525.5
167.5°	539.8	538.8	537.9	536.9	535.7	534.9	533.6	532.6	531.8	530.6	530.9
170°	543.1	542.2	541.7	541.1	540.4	539.7	539.2	538.5	537.7	537.1	537.5
172.5°	547.0	546.3	545.9	545.6	544.8	544.5	544.0	543.4	543.1	542.4	543.1
175°	548.0	547.5	547.3	547.0	546.6	546.2	546.0	545.8	545.8	545.2	545.5
177.5°	551.9	551.7	551.7	551.5	551.5	551.4	551.3	550.9	550.7	550.7	551.0
180°	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3



TEST NUMBER: P1444856
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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°	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3
2.5°	47853.4	47847.6	47839.6	47829.6	47820.9	47810.8	47787.0	47779.9	47787.8	47793.1	47804.1
5°	47967.2	47970.5	47971.7	47993.4	48012.3	48059.0	48426.1	48572.0	48684.7	48756.4	48865.1
7.5°	48309.9	48420.2	48529.3	48676.1	48802.7	48973.6	49615.8	49889.1	50083.4	50223.1	50394.9
10°	48890.9	49131.7	49357.5	49622.0	49849.3	50109.8	50707.5	50973.8	51141.9	51264.3	51378.5
12.5°	49476.1	49810.1	50111.9	50406.2	50652.4	50878.1	51088.4	51181.5	51189.5	51193.4	51132.7
15°	49780.9	50100.2	50366.1	50560.8	50705.4	50769.4	50407.4	50217.6	49977.7	49780.1	49454.9
17.5°	49588.5	49780.1	49894.9	49883.7	49823.8	49623.7	48598.6	48034.8	47475.1	46970.7	46309.3
20°	48733.4	48718.7	48618.9	48335.7	47994.7	47464.4	45707.0	44693.0	43712.7	42851.7	41807.1
22.5°	47142.4	46892.1	46543.1	45932.7	45254.7	44328.1	41809.6	40318.2	38953.5	37747.9	36397.3
25°	44837.1	44322.1	43678.3	42709.5	41655.8	40304.4	37200.3	35345.2	33706.7	32285.5	30727.3
27.5°	41886.9	41111.1	40167.7	38826.7	37399.2	35667.9	32226.5	30179.2	28420.2	26896.6	25238.0
30°	38394.0	37385.1	36166.9	34502.6	32780.8	30817.1	27326.7	25253.1	23472.7	21905.2	20245.4
32.5°	34446.8	33265.2	31837.7	29969.6	28107.7	26088.6	22717.8	20710.6	19009.9	17501.9	15999.6
35°	30093.5	28826.1	27315.9	25410.6	23559.7	21596.8	18503.8	16694.0	15192.1	13859.2	12646.2
37.5°	25423.5	24179.2	22743.8	20948.1	19231.7	17452.9	14784.2	13267.6	12007.2	10901.0	9964.3
40°	20568.1	19479.2	18237.2	16684.7	15220.0	13738.6	11547.9	10344.1	9349.4	8505.7	7803.8
42.5°	15772.1	14928.2	13975.9	12749.0	11628.1	10500.2	8814.1	7922.2	7185.4	6578.1	6081.9
45°	11443.2	10878.7	10239.9	9387.1	8611.5	7824.7	6624.7	5997.8	5518.0	5126.4	4795.3
47.5°	7999.4	7671.9	7652.0	6863.8	6295.0	5814.0	5040.9	4645.0	4351.0	4113.7	3904.1
50°	5617.7	5459.3	5262.6	4981.2	4717.3	4445.4	3974.4	3735.1	3562.8	3419.0	3286.5
52.5°	4199.7	4117.4	4012.6	3863.3	3720.3	3567.5	3269.3	3116.9	3062.9	2929.0	2824.0
55°	3354.4	3307.2	3247.6	3159.9	3072.9	3038.1	2782.6	2669.4	2597.9	2545.0	2488.6
57.5°	2786.4	2751.1	2715.7	2656.4	2606.0	2545.0	2409.4	2351.4	2308.8	2277.7	2238.7
60°	2376.7	2355.7	2335.8	2301.0	2273.8	2240.9	2154.8	2122.1	2099.8	2081.1	2056.1
62.5°	2097.7	2086.9	2076.6	2058.1	2044.3	2026.4	1967.5	1951.9	1940.7	1931.3	1916.1
65°	1896.4	1888.5	1882.9	1870.6	1863.7	1853.2	1802.6	1792.0	1785.1	1781.8	1772.9
67.5°	1713.4	1705.2	1701.5	1692.7	1689.8	1683.3	1641.9	1636.1	1633.8	1634.9	1631.7
70°	1542.2	1538.9	1540.6	1539.2	1543.1	1544.3	1519.2	1519.0	1521.7	1527.0	1527.5
72.5°	1439.7	1439.7	1441.6	1442.5	1446.2	1448.0	1427.1	1426.1	1427.3	1431.2	1431.4
75°	1342.0	1343.6	1348.9	1350.7	1355.2	1356.0	1328.4	1325.3	1325.5	1329.2	1328.0
77.5°	1207.0	1212.8	1222.9	1228.2	1236.7	1238.3	1207.3	1203.6	1203.8	1207.5	1204.3
80°	1053.7	1064.9	1080.9	1092.1	1105.1	1110.4	1078.7	1071.0	1063.9	1062.9	1056.6
82.5°	890.8	904.5	923.7	933.9	947.9	951.0	897.7	887.7	881.7	882.2	876.4
85°	680.1	690.3	707.9	713.5	722.2	721.5	660.7	634.7	641.6	630.8	639.3
87.5°	426.6	432.7	443.6	445.0	449.1	448.2	387.0	375.0	371.4	371.6	367.3
90°	235.1	240.7	251.8	253.5	261.5	262.2	214.3	210.2	204.5	205.5	198.0
92.5°	88.0	93.9	100.2	106.2	112.4	118.7	119.2	123.5	117.9	111.2	105.6
95°	101.8	111.6	121.4	131.3	141.1	150.8	160.7	170.5	161.4	152.0	142.9
97.5°	114.5	126.1	137.5	149.2	160.7	172.4	183.9	195.6	185.8	175.5	165.7
100°	149.9	171.5	192.9	214.7	236.1	257.7	279.4	301.0	282.0	262.7	243.7
102.5°	308.3	354.3	400.0	445.8	491.6	537.7	583.7	629.6	586.0	542.1	498.4
105°	594.4	668.7	743.1	817.1	891.4	965.7	1040.6	1114.9	1045.1	975.3	905.6
107.5°	940.2	1015.7	1090.8	1166.0	1241.4	1316.8	1392.8	1468.3	1400.2	1331.8	1263.8
110°	1155.6	1210.3	1265.3	1320.1	1374.9	1429.8	1485.9	1540.8	1499.9	1458.8	1417.9



TEST NUMBER: P1444856
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	1203.8	1243.2	1282.4	1321.4	1360.3	1399.6	1440.3	1479.8	1459.1	1438.1	1417.6
115°	1140.3	1167.0	1193.1	1219.3	1245.6	1271.8	1299.9	1326.8	1319.9	1313.0	1306.3
117.5°	1029.5	1044.1	1058.7	1073.2	1087.5	1102.1	1119.3	1134.1	1134.7	1135.7	1136.6
120°	911.4	917.5	923.4	929.4	935.0	941.0	949.8	956.3	961.6	966.5	971.7
122.5°	811.5	813.6	815.5	817.5	819.4	821.3	826.6	829.5	832.8	836.2	839.7
125°	731.7	732.5	733.2	734.0	734.4	735.2	740.0	741.3	741.2	740.9	740.8
127.5°	678.9	678.8	678.5	678.4	677.8	677.6	681.6	682.2	679.4	676.7	673.8
130°	641.5	641.6	641.6	641.7	641.9	642.0	646.6	647.9	643.2	638.4	633.8
132.5°	617.9	618.2	618.2	618.9	619.1	619.3	624.4	625.8	620.8	615.3	609.9
135°	598.5	599.1	599.5	600.0	600.4	601.2	606.8	608.6	603.7	598.4	593.4
137.5°	582.7	583.2	583.6	584.4	584.8	585.4	591.8	593.6	589.7	585.3	581.4
140°	569.5	570.2	570.9	571.8	572.5	573.7	580.5	582.7	579.7	576.2	572.8
142.5°	555.8	557.3	558.6	560.1	561.4	563.1	571.0	573.9	571.5	568.7	566.3
145°	547.6	549.5	550.9	552.8	554.5	556.5	565.4	568.9	567.3	565.4	563.6
147.5°	540.4	542.0	543.5	545.1	546.7	548.9	558.2	561.6	560.8	559.4	558.3
150°	533.1	534.8	536.2	537.9	539.9	541.9	552.5	556.4	555.5	554.5	553.5
152.5°	524.1	525.4	526.8	528.5	530.0	531.9	544.6	548.8	548.2	547.0	546.3
155°	519.3	520.3	521.2	522.6	523.6	525.4	539.0	543.1	542.6	542.0	541.4
157.5°	518.9	519.4	520.0	520.8	521.6	522.5	536.8	541.2	540.4	540.0	539.4
160°	519.4	519.9	520.1	520.8	521.2	521.8	536.6	540.6	540.3	539.5	539.0
162.5°	520.9	521.9	522.4	523.1	523.8	524.8	539.6	544.2	543.3	542.5	541.8
165°	525.8	526.0	526.3	526.8	527.0	527.6	541.5	545.2	544.8	544.2	543.6
167.5°	531.2	531.8	532.0	532.6	533.0	533.7	546.7	550.3	550.0	549.3	548.9
170°	537.7	538.2	538.3	538.9	539.4	540.2	550.9	554.0	553.6	552.6	552.0
172.5°	543.4	544.2	544.6	545.3	545.8	546.5	555.6	558.5	558.1	557.5	556.8
175°	545.9	546.3	546.8	547.5	548.0	548.5	555.6	557.7	557.5	557.2	556.8
177.5°	551.4	551.6	552.1	552.6	553.0	553.4	557.8	559.1	558.9	558.9	558.8
180°	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3



TEST NUMBER: P1444856
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3
2.5°	47806.6	47823.4	47825.8	47845.5	47843.9	47867.2	47863.6	47882.7	47871.5	47887.2	47874.0
5°	48929.5	49031.3	49084.5	49183.9	49215.3	49304.3	49329.3	49410.5	49413.8	49478.2	49463.6
7.5°	50516.9	50667.0	50756.1	50879.0	50941.3	51043.6	51088.6	51164.4	51188.7	51248.9	51253.5
10°	51464.9	51537.7	51588.7	51622.9	51654.3	51669.0	51686.1	51681.5	51686.1	51679.3	51694.0
12.5°	51092.0	50985.6	50915.3	50782.0	50704.7	50557.4	50485.1	50343.5	50292.0	50170.4	50152.9
15°	49203.6	48832.8	48570.7	48189.6	47950.0	47575.0	47355.6	47017.4	46862.9	46593.9	46523.4
17.5°	45761.8	45073.3	44540.5	43856.9	43382.6	42743.8	42342.2	41813.4	41523.7	41097.3	40949.6
20°	40936.4	39917.8	39118.4	38166.4	37484.9	36636.0	36092.5	35407.1	35009.1	34485.4	34273.1
22.5°	35271.3	34002.9	33004.8	31880.0	31057.9	30111.8	29460.7	28719.0	28286.1	27717.1	27465.2
25°	29432.2	28033.6	26923.8	25738.8	24870.1	23921.8	23270.5	22541.9	22093.9	21553.7	21303.4
27.5°	23847.7	22431.9	21359.5	20257.6	19460.9	18605.1	18017.5	17381.3	16983.7	16522.6	16287.1
30°	18919.5	17670.7	16758.2	15843.8	15180.9	14485.9	13997.6	13470.4	13121.6	12726.7	12502.4
32.5°	14904.4	13940.3	13225.7	12500.2	11957.7	11376.9	10954.9	10489.8	10174.9	9822.3	9619.2
35°	11804.0	11055.0	10485.0	9887.7	9421.7	8927.0	8555.2	8153.8	7871.2	7567.7	7392.2
37.5°	9326.4	8730.8	8261.7	7765.6	7382.9	6973.1	6835.0	6374.2	6081.5	5839.3	5671.5
40°	7319.4	6845.8	6457.7	6078.3	5766.0	5455.3	5205.8	4959.7	4770.7	4597.5	4477.6
42.5°	5715.8	5372.7	5089.3	4811.4	4583.7	4357.2	4176.5	4006.9	3879.7	3766.4	3689.0
45°	4543.9	4307.8	4110.9	3915.1	3754.4	3603.3	3481.7	3373.5	3291.2	3223.2	3175.0
47.5°	3732.9	3571.3	3432.4	3300.3	3191.2	3092.2	3010.7	2984.2	2895.7	2836.2	2813.6
50°	3172.4	3074.9	2969.3	2871.9	2799.0	2726.6	2673.7	2621.9	2588.9	2561.5	2553.2
52.5°	2754.1	2679.5	2620.8	2559.1	2511.1	2459.5	2423.0	2388.6	2370.3	2356.0	2354.3
55°	2443.1	2391.0	2352.1	2310.8	2282.0	2251.7	2232.8	2214.5	2206.6	2199.3	2199.9
57.5°	2207.8	2173.1	2147.7	2120.9	2105.3	2090.8	2086.0	2081.5	2083.9	2084.9	2089.0
60°	2036.4	2013.8	1997.8	1982.4	1975.9	1971.3	1974.8	1978.9	1987.2	1993.9	2000.0
62.5°	1905.0	1892.1	1884.3	1876.0	1875.3	1875.7	1882.8	1889.7	1900.0	1907.8	1913.7
65°	1769.8	1762.3	1759.9	1754.6	1757.2	1758.8	1767.2	1772.5	1783.0	1789.2	1796.6
67.5°	1633.1	1631.3	1632.9	1632.9	1637.6	1641.7	1649.9	1655.9	1664.8	1670.3	1676.4
70°	1532.1	1532.8	1536.6	1537.2	1542.3	1545.2	1552.3	1556.1	1564.1	1568.9	1576.2
72.5°	1434.0	1432.4	1433.3	1431.0	1432.8	1432.0	1435.9	1437.9	1444.6	1448.3	1457.2
75°	1329.6	1325.1	1324.1	1319.3	1319.4	1316.0	1317.6	1317.5	1321.9	1323.7	1330.0
77.5°	1203.3	1195.9	1192.3	1184.4	1184.2	1181.1	1184.4	1186.4	1194.1	1197.8	1205.1
80°	1052.3	1040.6	1035.3	1026.1	1027.7	1027.2	1035.0	1040.8	1050.3	1052.1	1061.3
82.5°	874.6	862.8	857.1	848.1	850.2	850.4	857.5	858.7	867.0	870.5	881.2
85°	626.3	630.8	618.2	619.2	616.5	621.4	626.3	632.2	639.1	650.7	659.4
87.5°	368.8	367.3	371.6	372.2	378.5	381.9	392.1	398.0	409.5	418.5	434.7
90°	196.9	189.5	191.5	188.1	192.9	189.6	194.1	190.1	195.8	195.4	203.0
92.5°	98.8	92.9	86.2	80.3	73.7	68.1	64.6	62.1	58.8	56.6	52.9
95°	133.8	124.6	115.4	106.3	97.2	88.0	84.7	81.3	78.0	74.6	71.4
97.5°	156.0	146.1	136.3	126.3	116.5	106.7	104.4	102.2	100.0	97.7	95.5
100°	224.7	205.7	186.8	167.6	148.7	129.7	127.9	126.1	124.4	122.6	120.7
102.5°	454.9	411.3	367.8	324.1	280.6	236.9	229.4	221.7	214.2	206.5	199.0
105°	835.6	765.8	696.0	626.3	556.7	487.0	466.2	445.1	424.4	403.6	382.9
107.5°	1195.6	1127.5	1059.6	991.6	923.5	855.5	822.5	789.8	756.6	723.8	691.1
110°	1376.5	1335.5	1294.8	1253.7	1212.9	1172.1	1140.5	1109.3	1077.7	1046.4	1015.1



TEST NUMBER: P1444856
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	1396.9	1376.2	1355.5	1335.0	1314.6	1294.0	1278.6	1263.2	1248.0	1232.7	1217.1
115°	1299.3	1292.7	1285.9	1279.2	1272.8	1266.0	1264.7	1263.7	1262.3	1261.3	1260.1
117.5°	1137.4	1138.3	1138.9	1140.1	1141.2	1142.2	1150.2	1157.9	1166.0	1174.3	1182.6
120°	976.7	982.0	987.0	992.3	997.5	1002.9	1013.4	1024.2	1034.9	1046.1	1057.1
122.5°	843.0	846.4	849.7	853.3	856.8	860.4	870.7	881.3	891.9	902.7	913.8
125°	740.1	739.8	739.5	739.1	738.8	738.8	747.2	755.8	764.4	773.5	782.2
127.5°	670.9	667.7	664.7	662.0	658.9	656.3	661.0	665.8	670.7	675.9	680.9
130°	629.0	624.2	619.2	614.6	609.6	605.0	606.5	608.2	609.8	611.6	613.5
132.5°	604.4	599.0	593.5	587.9	582.4	577.0	576.3	575.8	575.1	574.9	574.7
135°	588.1	583.1	577.6	572.4	566.9	562.0	560.2	558.3	556.8	555.2	553.8
137.5°	577.2	572.9	568.6	564.5	559.9	555.7	553.1	551.3	548.8	547.3	545.2
140°	569.2	566.0	562.2	558.8	555.3	551.9	549.7	548.0	546.0	544.5	542.8
142.5°	563.5	560.8	558.1	555.5	552.7	550.1	548.1	546.4	544.6	543.1	541.4
145°	561.8	560.0	558.1	556.2	554.3	552.6	550.8	549.5	548.1	546.7	545.7
147.5°	557.1	555.7	554.5	553.2	551.7	550.5	549.2	548.6	547.2	546.4	545.4
150°	552.2	551.1	549.8	548.9	547.3	546.3	545.5	544.8	544.0	543.6	542.9
152.5°	544.9	544.1	542.9	541.9	540.6	539.6	538.9	538.4	537.7	537.3	536.4
155°	540.4	539.8	538.9	538.1	537.1	536.5	535.7	534.8	534.1	533.4	532.5
157.5°	538.7	538.0	537.1	536.6	535.5	534.9	534.1	533.4	532.5	532.0	531.1
160°	538.3	537.7	536.9	536.2	535.5	534.8	533.6	532.9	531.8	531.1	529.9
162.5°	540.8	539.9	539.1	538.2	537.0	536.3	535.4	534.7	534.0	533.3	532.4
165°	542.9	542.2	541.5	540.8	540.3	539.5	538.5	537.7	536.6	535.9	534.8
167.5°	548.2	547.7	547.0	546.4	545.6	544.8	544.1	543.1	542.2	541.3	540.2
170°	551.5	550.5	550.0	549.1	548.3	547.3	546.7	545.7	544.7	544.2	543.1
172.5°	556.3	555.8	555.1	554.5	553.6	553.0	552.5	551.7	551.0	550.1	549.6
175°	556.7	556.5	556.3	555.7	555.5	555.3	554.9	554.7	554.3	554.1	553.7
177.5°	558.8	558.6	558.6	558.2	558.1	558.1	557.7	557.4	557.0	556.7	556.4
180°	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3



TEST NUMBER: P1444856
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3
2.5°	47887.8	47875.6	47881.4	47858.9	47864.2	47837.2	47834.7	47804.1	47801.2	47772.3	47761.6
5°	49509.1	49482.5	49512.5	49465.6	49474.9	49413.8	49408.7	49329.9	49302.7	49204.0	49161.4
7.5°	51291.1	51281.0	51299.4	51260.2	51259.0	51204.5	51182.0	51111.3	51067.5	50963.9	50897.8
10°	51681.5	51690.7	51675.7	51679.3	51658.2	51652.3	51630.6	51616.8	51581.2	51554.4	51514.8
12.5°	50060.4	50070.2	50008.3	50047.5	50016.6	50088.9	50083.0	50168.3	50181.3	50289.2	50330.0
15°	46313.9	46302.2	46183.6	46258.3	46218.3	46377.0	46412.5	46626.2	46740.4	47014.6	47183.0
17.5°	40654.2	40623.7	40456.6	40547.6	40501.3	40735.4	40813.9	41155.4	41368.5	41810.3	42125.2
20°	33907.7	33849.1	33653.6	33760.2	33712.4	33978.4	34090.5	34503.3	34778.0	35363.2	35779.6
22.5°	27077.3	26984.8	26793.3	26892.9	26847.8	27123.2	27269.1	27683.3	27998.0	28598.8	29084.8
25°	20943.6	20861.2	20676.1	20745.8	20729.0	20962.0	21091.8	21483.6	21792.8	22365.1	22828.9
27.5°	15974.2	15888.5	15721.2	15770.5	15753.6	15952.1	16074.4	16401.7	16667.8	17149.5	17556.9
30°	12225.9	12122.5	11980.7	12007.9	11996.2	12157.1	12271.4	12546.9	12775.0	13182.2	13533.2
32.5°	9371.1	9267.2	9136.9	9149.6	9132.5	9258.7	9352.8	9592.5	9791.2	10137.4	10442.9
35°	7170.2	7291.7	7013.4	7189.7	7006.2	7275.6	7178.7	7328.4	7499.4	7791.1	8045.9
37.5°	5512.2	5427.5	5355.9	5348.3	5347.9	5410.3	5484.1	5628.4	5779.0	5996.3	6220.8
40°	4368.1	4308.8	4262.4	4259.0	4262.4	4306.8	4361.2	4461.0	4571.3	4727.4	4892.4
42.5°	3623.0	3583.5	3555.5	3553.7	3562.4	3593.9	3631.7	3691.0	3762.8	3863.9	3977.1
45°	3135.6	3113.7	3098.2	3097.3	3101.4	3117.8	3139.6	3176.5	3222.0	3285.1	3356.7
47.5°	2793.7	2788.4	2778.7	2779.1	2774.6	2781.3	2783.9	2804.5	2828.8	2876.4	2969.8
50°	2544.8	2544.8	2538.1	2537.7	2531.4	2531.0	2525.7	2533.9	2545.2	2574.7	2604.6
52.5°	2348.0	2347.4	2340.1	2338.7	2332.0	2331.6	2327.0	2330.2	2331.8	2346.6	2364.5
55°	2194.2	2189.6	2180.1	2177.1	2174.5	2178.3	2176.5	2176.7	2174.8	2181.0	2186.3
57.5°	2083.9	2077.9	2068.9	2066.2	2065.6	2070.1	2070.3	2068.7	2060.4	2054.7	2046.8
60°	1996.6	1990.6	1980.9	1978.3	1979.7	1986.2	1985.8	1980.5	1968.1	1957.3	1944.8
62.5°	1910.8	1908.4	1903.4	1902.7	1901.5	1902.5	1898.1	1892.5	1880.2	1868.8	1855.1
65°	1795.7	1797.0	1793.2	1793.8	1789.4	1788.7	1782.0	1776.5	1764.1	1753.6	1739.7
67.5°	1676.2	1677.1	1674.1	1674.1	1671.8	1672.1	1668.1	1663.0	1652.6	1644.1	1633.3
70°	1577.7	1580.3	1578.5	1579.0	1576.2	1575.1	1568.7	1563.8	1553.0	1545.9	1536.2
72.5°	1459.8	1465.1	1464.9	1466.2	1461.9	1459.8	1452.2	1446.0	1436.3	1430.6	1422.9
75°	1332.5	1339.4	1341.4	1344.4	1338.4	1335.1	1326.8	1321.9	1314.0	1310.6	1305.5
77.5°	1208.3	1215.8	1223.1	1229.8	1220.1	1211.4	1201.0	1193.1	1181.7	1177.3	1169.3
80°	1068.8	1082.2	1098.2	1111.7	1094.2	1076.5	1059.4	1046.6	1031.6	1025.5	1015.5
82.5°	886.6	900.4	909.7	918.3	906.1	893.2	876.6	865.4	849.2	843.1	831.7
85°	673.6	690.7	696.2	700.8	693.1	686.2	670.6	649.5	639.3	623.2	614.9
87.5°	443.1	453.3	455.3	456.9	452.0	448.7	438.6	428.7	411.2	398.5	382.9
90°	200.8	205.8	200.0	200.8	196.5	198.7	190.3	188.8	176.2	172.4	161.5
92.5°	50.4	47.0	44.3	41.2	44.9	47.1	50.7	52.9	56.4	58.8	62.1
95°	68.0	64.7	61.3	57.9	60.7	63.3	66.0	68.7	71.3	74.0	76.7
97.5°	93.3	91.0	88.8	86.5	88.1	89.7	91.2	92.8	94.4	96.0	97.6
100°	119.0	117.2	115.4	113.7	113.7	113.7	113.7	113.7	113.7	113.7	113.7
102.5°	191.4	183.8	176.2	168.6	173.8	178.9	184.0	189.1	194.3	199.5	204.8
105°	362.1	341.4	320.7	299.9	319.9	340.1	360.1	380.2	400.2	420.7	440.8
107.5°	658.1	625.3	592.5	559.7	596.5	633.1	669.7	706.3	742.8	779.4	816.4
110°	983.9	952.7	921.5	890.3	929.1	967.9	1006.7	1045.5	1084.4	1123.2	1162.4



TEST NUMBER: P1444856
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	1201.9	1186.8	1171.6	1156.5	1181.4	1206.4	1231.4	1256.7	1281.8	1306.9	1331.9
115°	1259.1	1258.2	1257.3	1256.4	1268.2	1280.1	1291.9	1303.9	1315.9	1327.7	1339.8
117.5°	1190.7	1199.0	1207.5	1216.0	1219.8	1223.6	1227.5	1231.4	1235.5	1239.5	1243.6
120°	1068.3	1079.2	1090.6	1102.0	1100.4	1098.8	1097.4	1095.8	1094.8	1093.4	1092.6
122.5°	924.8	935.8	947.2	958.4	955.0	951.7	948.5	945.3	942.5	939.5	936.7
125°	791.6	800.7	810.2	819.6	816.2	812.9	809.7	806.8	803.8	800.8	798.3
127.5°	686.6	692.4	697.8	703.7	702.1	700.5	699.6	698.2	697.1	696.2	695.6
130°	615.7	618.1	620.8	623.2	623.6	624.1	624.9	625.8	627.0	627.9	629.4
132.5°	575.1	575.1	575.6	576.0	577.8	579.6	581.9	584.0	586.8	589.0	592.2
135°	552.8	551.9	551.1	550.6	553.3	555.8	558.7	561.8	565.4	569.0	572.7
137.5°	543.8	542.2	541.3	539.9	542.6	545.2	548.3	551.3	554.6	558.2	562.2
140°	541.5	540.2	539.4	538.2	540.9	543.4	546.4	549.5	552.8	556.5	560.1
142.5°	540.3	538.8	538.0	537.2	539.2	541.8	544.7	547.3	550.5	553.5	556.9
145°	544.5	543.4	542.8	542.0	543.6	545.4	547.4	549.6	551.9	554.0	556.9
147.5°	544.6	544.0	543.6	543.1	544.4	545.6	547.1	548.4	550.3	552.0	554.0
150°	542.7	541.9	541.8	541.6	542.3	543.0	544.1	544.7	546.0	547.1	548.6
152.5°	536.3	535.7	535.8	535.4	536.0	536.6	537.6	538.3	539.3	540.2	541.7
155°	532.2	531.6	531.1	530.6	530.7	530.8	531.1	531.2	531.9	532.2	532.7
157.5°	530.8	530.0	529.7	529.0	528.8	528.5	528.6	528.5	528.7	528.4	528.6
160°	529.4	528.3	527.5	526.8	526.9	526.7	526.8	526.7	526.9	527.0	527.2
162.5°	531.9	531.2	530.7	529.9	529.5	528.9	528.5	527.8	527.5	527.1	526.9
165°	533.8	532.9	532.2	531.0	530.9	530.7	530.3	529.9	529.8	529.5	529.5
167.5°	539.5	538.5	537.7	536.8	536.3	535.2	534.9	534.2	533.6	533.0	532.8
170°	542.4	541.6	540.9	540.2	539.9	539.3	539.1	538.6	538.4	538.2	538.2
172.5°	549.0	548.3	547.6	547.1	546.8	546.4	546.2	546.0	545.7	545.7	545.5
175°	553.5	553.1	552.9	552.6	552.2	551.9	551.5	551.3	551.1	550.7	550.5
177.5°	555.9	555.5	555.3	555.1	554.9	554.9	554.9	554.9	554.9	554.7	554.5
180°	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3



TEST NUMBER: P1444856
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3
2.5°	47730.6	47718.0	47685.0	47668.7	47638.1	47622.7	47598.9	47583.5	47564.2	47549.9	47542.4
5°	49053.0	48992.1	48869.7	48794.4	48662.3	48575.3	48444.2	48347.9	48212.6	48112.6	47984.7
7.5°	50773.7	50679.9	50523.2	50404.4	50219.7	50078.5	49871.1	49705.2	49476.1	49285.9	49051.8
10°	51474.1	51419.5	51349.1	51272.7	51170.4	51069.9	50928.3	50784.1	50591.7	50400.4	50150.4
12.5°	50438.7	50490.3	50591.7	50639.0	50716.7	50743.0	50778.6	50761.9	50730.5	50652.4	50539.0
15°	47506.6	47721.4	48060.8	48295.7	48624.6	48855.7	49161.4	49358.2	49584.9	49720.2	49849.0
17.5°	42683.2	43098.7	43697.6	44175.6	44817.1	45338.7	45977.8	46479.9	47059.7	47504.4	47977.9
20°	36505.1	37087.0	37913.9	38616.1	39545.7	40334.1	41343.9	42189.9	43176.8	43999.5	44887.3
22.5°	29856.0	30540.4	31487.9	32334.9	33445.0	34436.5	35701.8	36820.4	38154.5	39349.6	40671.7
25°	23583.2	24254.0	25219.1	26096.2	27294.5	28386.8	29769.2	31052.4	32600.6	34044.3	35701.8
27.5°	18204.0	18799.8	19648.2	20437.6	21535.2	22607.5	24010.4	25378.8	27030.8	28582.3	30368.6
30°	14058.6	14542.0	15221.8	15856.8	16737.9	17614.9	18864.5	20130.0	21773.9	23381.7	25212.9
32.5°	10894.9	11307.1	11874.6	12390.1	13069.0	13730.3	14650.5	15661.8	17103.8	18643.8	20414.5
35°	8433.9	8786.4	9269.5	9713.6	10272.0	10796.8	11483.6	12205.4	13305.8	14601.2	16185.9
37.5°	6724.0	6867.7	7212.4	7576.3	8040.0	8471.5	9008.5	9542.3	10329.6	11351.6	12646.2
40°	5113.5	5341.8	5622.3	5909.0	6260.0	6606.0	7195.3	7479.1	7997.4	8731.2	9735.9
42.5°	4125.9	4286.5	4483.9	4683.2	4927.8	5168.9	5466.9	5770.5	6158.1	6655.0	7369.6
45°	3452.7	3557.3	3684.7	3817.4	3978.1	4142.6	4342.1	4550.6	4813.2	5118.6	5552.7
47.5°	3002.9	3060.7	3143.8	3234.5	3344.7	3458.5	3588.3	3721.1	3884.2	4065.4	4312.6
50°	2651.7	2700.1	2764.6	2825.2	2901.2	3018.0	3069.4	3142.7	3240.9	3347.5	3485.8
52.5°	2397.7	2429.9	2470.4	2505.2	2553.3	2597.0	2654.3	2704.8	2772.8	2836.7	2926.0
55°	2199.9	2211.5	2234.6	2257.0	2290.3	2320.1	2359.4	2392.5	2435.7	2474.1	2530.3
57.5°	2047.1	2048.2	2058.8	2070.5	2091.8	2110.6	2137.7	2159.4	2189.5	2213.9	2247.6
60°	1937.4	1931.5	1933.6	1937.7	1949.7	1962.0	1979.3	1993.3	2012.4	2026.1	2045.1
62.5°	1846.0	1836.7	1834.6	1833.6	1839.5	1844.0	1853.4	1860.3	1871.0	1877.1	1887.1
65°	1730.5	1719.7	1715.4	1710.5	1712.3	1710.9	1714.4	1714.6	1720.1	1721.3	1727.2
67.5°	1625.8	1616.8	1611.4	1604.6	1601.6	1596.8	1594.7	1590.1	1589.4	1585.6	1584.6
70°	1530.3	1521.6	1516.9	1510.8	1507.6	1501.2	1497.3	1489.5	1484.9	1477.7	1473.6
72.5°	1419.8	1414.9	1413.5	1409.3	1408.2	1404.6	1403.1	1397.6	1394.4	1388.2	1384.7
75°	1304.4	1300.4	1300.0	1295.7	1295.4	1291.2	1290.0	1284.3	1281.3	1275.1	1272.4
77.5°	1166.9	1160.8	1159.1	1154.1	1155.3	1153.3	1155.1	1150.6	1148.6	1142.5	1140.5
80°	1012.0	1004.2	1001.1	994.5	996.2	993.2	996.2	995.9	998.2	993.2	992.4
82.5°	828.5	819.9	818.4	813.8	816.8	817.1	823.7	820.1	821.6	817.0	818.9
85°	602.9	596.5	587.7	586.5	580.8	586.7	579.0	584.1	575.9	581.6	573.9
87.5°	373.8	360.6	353.7	344.4	340.9	331.9	328.1	321.6	323.6	320.6	322.3
90°	160.2	150.6	150.6	143.9	145.6	140.1	143.6	140.4	144.6	141.3	146.2
92.5°	64.6	67.5	72.7	78.5	83.6	88.9	94.1	100.0	105.0	110.7	115.7
95°	79.3	82.0	89.2	96.2	103.4	110.6	117.9	125.0	132.2	139.3	146.5
97.5°	99.2	100.8	108.0	115.1	122.2	129.4	136.5	144.0	151.2	158.3	165.5
100°	113.7	113.8	134.2	154.5	174.7	195.1	215.4	235.7	256.3	276.6	296.9
102.5°	209.9	215.0	266.4	317.8	369.1	420.5	471.9	523.4	574.7	626.3	677.8
105°	460.9	481.0	559.3	637.8	716.1	794.6	873.0	951.8	1030.2	1108.8	1187.2
107.5°	852.9	889.7	960.6	1031.5	1102.2	1173.2	1244.2	1315.1	1386.0	1457.1	1528.4
110°	1201.2	1240.2	1287.7	1335.3	1383.0	1430.4	1478.1	1525.7	1573.5	1621.2	1669.1



TEST NUMBER: P1444856
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	1356.9	1382.3	1410.0	1437.9	1465.8	1493.6	1521.5	1549.4	1577.6	1605.7	1633.7
115°	1352.0	1364.2	1374.9	1386.1	1396.9	1408.1	1419.2	1430.4	1441.9	1453.0	1464.5
117.5°	1247.6	1252.1	1253.8	1255.9	1257.7	1260.1	1262.2	1264.5	1266.9	1269.4	1271.4
120°	1091.3	1090.3	1088.8	1087.4	1085.9	1084.7	1083.6	1082.4	1081.4	1080.4	1079.2
122.5°	933.8	931.4	929.9	928.7	927.5	926.5	925.6	924.9	923.9	923.1	922.1
125°	795.7	793.4	795.4	797.5	799.6	802.0	804.1	806.8	809.1	811.6	814.1
127.5°	694.7	694.4	699.0	703.8	708.5	713.5	718.3	723.4	728.2	733.5	738.2
130°	630.9	632.6	638.4	644.6	650.5	656.7	662.9	669.3	675.2	681.4	687.5
132.5°	594.9	598.3	603.7	609.8	615.5	621.6	627.6	633.6	639.6	645.8	651.4
135°	576.6	580.7	585.9	591.4	596.8	602.6	607.9	613.7	618.9	624.6	629.8
137.5°	565.8	570.0	574.5	578.9	583.2	588.1	592.6	597.3	601.6	606.2	610.5
140°	563.9	568.0	570.5	573.7	576.4	579.3	582.0	585.1	587.6	590.8	593.3
142.5°	560.4	564.2	565.7	567.8	569.8	572.2	574.1	576.1	578.0	579.9	581.5
145°	559.5	562.4	562.8	563.6	564.3	565.0	565.5	566.3	566.6	567.2	567.7
147.5°	556.1	558.2	558.1	558.5	558.7	558.7	559.0	559.2	559.0	559.2	559.3
150°	549.9	551.5	551.0	551.0	550.4	550.2	549.7	549.6	549.0	548.8	548.3
152.5°	542.7	544.0	543.1	542.9	542.1	541.7	540.9	540.6	539.9	539.3	539.0
155°	533.0	533.6	533.2	532.9	532.5	532.2	531.8	531.9	531.7	531.4	531.2
157.5°	528.7	528.7	528.5	528.2	527.9	527.8	527.6	527.5	527.5	527.8	528.0
160°	527.1	527.4	527.0	526.8	526.6	526.3	526.1	526.2	526.2	526.7	526.8
162.5°	526.4	526.2	525.8	525.5	525.4	525.4	525.3	525.6	525.6	525.9	526.2
165°	529.6	529.8	529.0	528.9	528.5	528.2	528.0	527.9	528.0	528.1	528.1
167.5°	532.3	532.2	532.2	532.3	532.3	532.5	532.7	533.4	533.6	534.3	534.5
170°	538.1	538.2	537.9	537.7	537.6	537.6	537.5	537.5	537.7	537.7	537.7
172.5°	545.5	545.5	545.0	544.5	544.2	543.9	543.4	543.3	543.0	542.7	542.2
175°	550.1	550.0	549.8	549.5	549.3	548.8	548.6	548.0	547.8	547.5	547.3
177.5°	554.3	554.0	553.8	553.8	553.6	553.5	553.5	553.3	553.3	553.3	552.9
180°	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3



TEST NUMBER: P1444856
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3
2.5°	47532.9	47532.4	47527.8	47529.9	47530.8	47534.1	47538.2	47542.4	47543.4	47546.7	47547.5
5°	47888.6	47771.1	47684.0	47588.5	47516.4	47451.8	47408.6	47374.4	47361.0	47364.4	47372.4
7.5°	48853.3	48610.5	48410.2	48182.5	47992.6	47791.6	47624.9	47466.4	47351.0	47264.9	47216.8
10°	49911.7	49616.1	49333.2	49003.7	48691.2	48357.5	48055.4	47751.1	47497.3	47277.1	47115.4
12.5°	50381.5	50172.5	49928.0	49617.0	49282.5	48897.6	48508.8	48092.1	47704.6	47344.8	47054.7
15°	49884.1	49884.5	49795.4	49646.2	49413.8	49106.2	48735.9	48301.4	47844.3	47377.7	46951.4
17.5°	48305.4	48603.3	48768.9	48873.8	48841.6	48728.2	48492.6	48159.0	47732.7	47235.7	46715.6
20°	45594.2	46296.7	46797.6	47248.1	47500.6	47668.4	47651.5	47515.8	47212.3	46789.7	46248.0
22.5°	41796.2	42975.4	43905.9	44773.7	45382.2	45877.2	46112.5	46212.4	46074.9	45780.5	45271.8
25°	37183.2	38786.5	40154.8	41482.7	42478.8	43334.8	43849.4	44211.8	44240.6	44086.8	43633.0
27.5°	32057.3	33949.9	35681.7	37446.5	38847.2	40077.9	40885.4	41476.4	41664.1	41639.3	41227.3
30°	26938.0	28924.8	30833.6	32891.6	34624.9	36197.2	37263.8	38063.1	38371.1	38430.1	38033.8
32.5°	22103.2	24062.5	25966.1	28117.5	30025.0	31827.0	33087.1	34036.6	34394.8	34479.1	34044.3
35°	17715.5	19523.1	21332.1	23417.2	25313.7	27179.6	28507.5	29501.5	29836.0	29892.4	29389.0
37.5°	13910.4	15450.5	17026.8	18897.7	20639.4	22391.7	23653.4	24587.6	24831.2	24816.2	24246.5
40°	10706.7	11903.9	13170.6	14710.8	16158.7	17640.1	18705.6	19477.8	19605.8	19511.0	18912.6
42.5°	8050.8	8915.6	9833.8	10983.5	12057.9	13166.7	13941.7	14515.0	14533.3	14383.4	13846.3
45°	5997.8	6841.5	7226.6	7921.8	8613.7	9351.0	9824.3	10178.4	10123.6	9991.7	9583.5
47.5°	4572.3	4896.5	5240.4	5671.5	6074.6	6911.2	6849.2	7417.9	7008.3	7287.6	6672.7
50°	3630.9	3812.1	3997.4	4226.1	4436.8	4655.4	4792.1	4894.1	4880.9	4837.0	4719.3
52.5°	3089.0	3145.0	3236.3	3366.4	3484.0	3602.2	3680.0	3743.4	3744.6	3726.9	3667.3
55°	2581.8	2652.9	2718.4	2803.5	2948.3	2970.6	3082.1	3059.5	3068.3	3037.4	3069.0
57.5°	2276.3	2317.7	2354.5	2405.1	2447.1	2495.9	2524.7	2552.4	2549.8	2543.8	2513.4
60°	2059.9	2082.7	2103.2	2132.7	2155.7	2183.3	2196.5	2210.7	2206.0	2195.8	2168.8
62.5°	1893.0	1907.3	1919.0	1938.0	1952.0	1969.1	1976.1	1982.1	1976.1	1966.3	1942.5
65°	1728.4	1737.6	1745.0	1759.3	1769.2	1783.9	1789.7	1795.4	1789.9	1782.3	1764.1
67.5°	1579.9	1580.7	1580.1	1585.8	1588.9	1597.7	1600.4	1604.5	1598.1	1591.5	1576.2
70°	1467.2	1464.9	1462.1	1464.5	1464.9	1469.2	1469.9	1469.2	1461.6	1450.3	1433.4
72.5°	1379.2	1378.0	1375.9	1377.8	1377.8	1381.6	1380.4	1378.5	1369.1	1358.2	1341.6
75°	1266.0	1265.2	1260.9	1261.1	1257.5	1258.8	1254.2	1251.6	1241.1	1231.9	1217.1
77.5°	1133.6	1131.5	1125.3	1123.0	1116.3	1113.5	1104.8	1100.6	1089.9	1082.6	1069.8
80°	985.9	983.5	975.5	971.1	960.5	953.8	941.1	933.9	921.7	914.4	902.0
82.5°	814.8	815.7	807.8	802.3	787.1	775.4	758.5	749.2	735.8	728.7	716.1
85°	579.6	571.2	575.7	575.3	565.8	555.6	541.8	532.2	520.9	514.1	505.1
87.5°	317.9	319.8	317.5	315.5	308.8	303.7	292.9	287.3	279.0	274.9	268.2
90°	135.3	132.5	122.1	119.5	109.2	103.8	92.2	88.0	77.3	75.0	68.1
92.5°	109.7	103.7	98.0	91.6	86.0	79.9	73.9	67.9	61.9	59.4	57.9
95°	137.8	129.2	120.6	111.8	103.1	94.4	85.9	77.1	68.5	66.7	64.9
97.5°	155.4	145.2	134.9	124.8	114.5	104.3	94.2	83.9	73.7	72.6	71.5
100°	273.4	250.0	226.4	202.7	179.2	155.6	132.2	108.5	85.1	83.8	82.4
102.5°	620.5	563.3	506.2	449.1	392.0	334.7	277.6	220.2	163.1	154.8	146.6
105°	1100.6	1013.9	927.7	841.1	754.5	667.9	581.5	494.7	408.2	380.4	352.5
107.5°	1447.0	1365.6	1284.5	1203.2	1121.8	1040.6	959.1	877.7	796.3	747.4	698.5
110°	1604.6	1540.1	1475.8	1411.3	1347.0	1282.4	1217.8	1153.3	1088.7	1046.5	1004.7



TEST NUMBER: P1444856
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CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	1586.7	1539.5	1492.6	1445.3	1398.2	1350.9	1303.8	1256.4	1209.1	1183.7	1158.1
115°	1436.3	1408.0	1379.9	1351.6	1323.2	1295.0	1266.8	1238.0	1209.6	1196.3	1183.0
117.5°	1257.4	1243.1	1229.1	1214.8	1200.5	1186.0	1171.8	1157.3	1142.8	1138.5	1133.8
120°	1075.7	1071.6	1067.4	1063.3	1059.3	1055.2	1050.9	1046.7	1042.3	1043.2	1044.1
122.5°	924.5	926.5	928.9	930.6	932.9	934.7	937.0	938.5	940.6	944.5	948.4
125°	818.8	823.5	828.2	832.8	837.3	841.9	846.7	850.9	855.6	859.4	863.7
127.5°	743.8	748.9	754.3	759.3	764.6	769.6	774.8	779.7	784.9	788.5	792.6
130°	692.4	696.7	701.6	705.9	710.8	715.2	719.8	724.3	728.8	732.0	735.2
132.5°	655.7	660.0	664.2	668.2	672.6	676.6	680.8	684.9	689.3	691.7	694.3
135°	633.3	636.4	639.8	642.7	646.4	649.4	652.7	656.1	659.6	661.4	663.4
137.5°	613.2	615.9	618.8	621.4	624.3	626.9	630.0	632.9	636.0	637.1	638.6
140°	596.1	599.0	601.7	604.5	607.4	610.3	613.6	616.6	619.9	621.0	622.5
142.5°	584.0	585.9	588.2	590.5	592.9	595.0	597.7	600.4	603.2	604.5	605.8
145°	570.3	572.6	575.3	577.7	580.3	583.1	586.3	589.2	592.3	593.3	594.4
147.5°	561.3	563.4	565.8	567.9	570.4	572.6	575.5	578.1	581.0	582.0	582.9
150°	550.7	552.8	555.1	557.3	560.0	562.6	565.3	568.2	571.6	572.8	573.9
152.5°	541.3	543.5	546.0	548.7	551.4	554.2	557.3	560.3	563.5	564.5	565.9
155°	533.7	535.9	538.5	541.2	544.1	546.6	549.6	552.4	555.4	556.8	558.1
157.5°	530.2	532.2	534.5	537.0	539.4	541.9	544.6	547.2	550.0	551.0	552.1
160°	528.8	530.8	532.9	535.1	537.4	539.6	541.9	544.3	546.6	547.6	548.7
162.5°	528.2	530.3	532.5	534.4	536.8	539.0	541.4	543.4	545.9	546.7	547.8
165°	529.7	531.3	533.1	534.5	536.3	537.7	539.7	541.2	543.2	543.9	545.3
167.5°	536.0	537.0	538.2	539.4	541.0	542.2	543.7	544.9	546.4	547.3	548.4
170°	538.9	539.9	540.9	542.1	543.3	544.5	545.8	546.7	548.3	549.0	550.0
172.5°	543.1	543.5	544.4	545.0	545.9	546.5	547.4	548.2	549.0	550.0	550.9
175°	547.9	548.2	548.6	548.8	549.1	549.6	550.1	550.8	551.2	551.8	552.5
177.5°	553.1	553.4	553.6	553.8	554.4	554.6	555.0	555.3	555.5	556.2	557.0
180°	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3



TEST NUMBER: P1444856
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CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3
2.5°	47545.8	47545.3	47543.7	47541.6	47539.5	47540.7	47542.8	47548.3	47557.9	47571.7	47589.7
5°	47378.9	47388.6	47394.1	47394.9	47389.9	47386.8	47391.5	47404.5	47430.9	47475.1	47534.9
7.5°	47203.9	47215.9	47234.3	47248.1	47250.7	47247.4	47248.1	47268.6	47317.3	47403.3	47524.1
10°	47017.0	46981.5	47000.2	47034.5	47061.8	47066.7	47070.1	47094.3	47165.4	47295.5	47489.4
12.5°	46844.4	46732.0	46710.3	46741.2	46782.6	46795.8	46792.2	46802.6	46885.8	47058.1	47328.3
15°	46617.5	46405.8	46333.5	46341.4	46392.6	46410.9	46397.5	46377.0	46458.2	46668.4	47018.3
17.5°	46250.1	45908.9	45775.9	45770.1	45829.8	45845.7	45812.8	45749.2	45829.1	46091.5	46525.9
20°	45691.5	45187.9	44937.6	44897.8	44962.6	44943.7	44878.1	44782.0	44887.0	45206.0	45722.6
22.5°	44687.5	44049.3	43621.6	43483.7	43561.3	43509.5	43413.9	43291.1	43430.5	43792.9	44368.2
25°	43046.9	42309.5	41723.8	41395.4	41457.3	41364.4	41260.3	41111.5	41277.9	41693.8	42327.1
27.5°	40635.3	39783.5	39057.9	38514.1	38534.1	38412.5	38292.6	38099.9	38307.6	38800.0	39514.3
30°	37428.6	36442.9	35559.3	34820.3	34754.2	34636.3	34513.4	34260.5	34520.4	35109.9	35944.6
32.5°	33401.5	32307.1	31286.1	30351.7	30175.4	30060.4	29950.9	29660.0	30000.3	30687.5	31646.4
35°	28692.0	27526.1	26419.2	25352.0	25060.0	24944.9	24849.2	24570.5	24995.1	25743.0	26778.7
37.5°	23522.6	22331.6	21232.7	20138.3	19725.6	19569.6	19500.1	19317.4	19807.3	20547.1	21587.0
40°	18215.6	17108.4	16123.1	15156.5	14686.1	14447.2	14410.8	14377.5	14851.2	15493.0	16436.8
42.5°	13251.2	12357.8	11598.1	10859.3	10433.0	10106.8	10106.7	10205.6	10632.0	11112.8	11840.7
45°	9166.3	8566.8	8082.7	7589.0	7720.9	7070.6	7452.7	7256.7	7467.4	7777.3	8250.7
47.5°	6300.9	5973.6	5707.7	5432.0	5230.9	5038.9	5055.7	5179.5	5378.0	5561.8	5808.2
50°	4592.4	4425.6	4290.1	4146.9	4046.9	3962.2	3967.1	4020.7	4125.0	4221.9	4350.8
52.5°	3598.4	3506.4	3432.8	3353.6	3301.2	3259.1	3261.4	3287.4	3343.8	3399.1	3473.0
55°	2966.0	2954.8	2859.1	2788.1	2761.0	2732.8	2737.9	2748.2	2786.6	2818.9	2867.8
57.5°	2485.4	2442.5	2413.8	2376.3	2359.2	2339.4	2343.8	2347.7	2373.4	2395.1	2430.3
60°	2146.1	2115.8	2095.4	2069.9	2058.7	2046.1	2048.9	2051.2	2067.7	2081.8	2107.1
62.5°	1920.8	1893.5	1875.9	1856.2	1848.2	1839.7	1841.7	1842.4	1852.7	1863.1	1882.2
65°	1747.9	1726.2	1711.6	1694.6	1686.3	1677.4	1678.4	1678.4	1687.0	1694.6	1708.9
67.5°	1565.0	1548.8	1539.2	1525.8	1520.1	1511.1	1510.9	1508.1	1513.7	1516.7	1526.5
70°	1418.2	1401.8	1389.6	1376.7	1369.6	1361.7	1361.9	1362.1	1368.6	1375.5	1388.1
72.5°	1327.6	1311.9	1301.0	1289.8	1283.1	1276.3	1275.1	1274.4	1279.1	1282.9	1291.2
75°	1207.5	1194.9	1188.6	1178.0	1172.7	1165.1	1163.9	1160.4	1162.6	1163.3	1169.5
77.5°	1061.9	1050.0	1044.8	1034.1	1029.7	1021.0	1020.3	1016.4	1018.2	1017.0	1021.7
80°	895.9	885.1	882.2	873.4	871.3	863.3	862.1	857.3	858.7	855.0	856.7
82.5°	710.6	700.7	698.5	690.3	690.3	683.2	682.8	675.5	675.5	669.4	659.4
85°	500.5	493.3	490.2	483.5	481.6	475.8	472.7	465.8	463.4	458.9	457.5
87.5°	264.1	259.6	255.5	252.3	246.4	236.0	235.1	227.9	228.4	223.3	223.7
90°	66.6	60.3	58.9	53.0	51.3	47.1	45.7	46.0	47.3	47.7	49.1
92.5°	55.8	53.8	51.8	49.8	47.8	45.8	43.8	45.8	47.8	49.8	51.8
95°	63.2	61.4	59.5	57.8	56.0	54.2	52.5	54.2	56.0	57.9	59.7
97.5°	70.3	69.2	68.1	67.0	65.9	64.7	63.6	64.8	66.0	67.1	68.2
100°	81.1	79.7	78.4	77.0	75.7	74.3	73.0	74.7	76.1	77.4	78.7
102.5°	138.5	130.3	122.0	113.8	105.6	97.4	89.1	97.4	105.6	114.0	122.2
105°	324.6	296.9	269.1	241.2	213.3	185.4	157.5	185.6	213.4	241.4	269.4
107.5°	649.5	600.7	551.6	502.6	453.5	404.5	355.4	404.7	453.8	502.8	551.9
110°	962.3	920.1	877.9	835.7	793.3	751.1	708.7	751.3	793.7	836.1	878.4



TEST NUMBER: P1444856
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	1132.5	1107.0	1081.3	1055.7	1029.9	1004.3	978.4	1004.7	1030.6	1056.6	1082.3
115°	1169.7	1156.2	1142.9	1129.3	1115.7	1102.2	1088.4	1102.8	1116.7	1130.5	1144.3
117.5°	1129.2	1124.9	1120.1	1115.6	1110.8	1106.1	1101.2	1106.5	1111.6	1117.1	1121.9
120°	1044.6	1045.7	1046.3	1046.9	1047.6	1048.1	1048.5	1048.8	1048.8	1048.8	1048.7
122.5°	952.2	956.1	959.9	963.6	967.2	970.9	974.0	971.5	968.6	965.9	962.7
125°	867.5	871.8	875.7	879.7	883.2	887.2	890.2	888.0	885.2	882.3	879.0
127.5°	796.4	800.0	803.5	807.4	810.5	814.0	816.9	815.0	812.5	810.1	807.3
130°	738.0	741.3	743.9	746.9	749.3	751.7	753.9	752.9	751.3	750.1	748.0
132.5°	696.7	699.3	701.6	703.9	705.6	707.8	709.1	708.8	708.0	707.2	705.8
135°	665.4	667.2	668.9	671.0	672.2	673.5	674.2	674.8	674.5	674.3	673.5
137.5°	639.8	641.3	642.4	643.3	644.0	644.6	644.9	645.9	646.4	647.1	647.1
140°	623.7	625.2	626.3	627.3	628.3	629.0	629.1	630.4	630.8	631.2	631.1
142.5°	607.2	608.5	609.7	610.8	611.4	612.2	612.5	613.5	614.0	614.3	614.4
145°	595.5	596.4	597.4	598.3	598.7	599.0	599.0	600.4	601.0	601.7	602.1
147.5°	583.9	585.0	585.4	586.2	586.7	587.0	587.1	588.1	588.9	589.5	590.0
150°	575.3	576.5	577.5	578.6	579.4	580.0	580.2	581.1	581.5	581.9	581.9
152.5°	566.9	567.9	568.9	569.8	570.6	571.1	571.4	572.1	573.0	573.5	573.7
155°	559.2	560.4	561.4	562.5	563.2	564.1	564.8	565.5	566.1	566.3	566.7
157.5°	553.1	554.3	555.3	556.3	557.0	558.1	558.8	559.6	560.2	560.9	561.2
160°	549.6	550.9	551.5	552.7	553.5	554.4	555.1	556.0	556.7	557.2	558.0
162.5°	548.6	549.8	550.2	551.3	552.2	553.1	553.8	554.7	555.4	556.1	556.7
165°	546.3	547.5	548.4	549.6	550.6	551.8	552.5	553.2	553.5	554.0	554.2
167.5°	549.2	550.4	551.1	552.3	552.9	554.1	555.1	555.5	555.8	556.2	556.4
170°	550.7	551.7	552.6	553.4	554.2	555.3	555.8	556.2	556.4	556.8	557.0
172.5°	551.6	552.7	553.6	554.7	555.4	556.5	557.3	557.5	557.4	557.4	557.1
175°	553.0	554.0	554.6	555.4	556.0	556.8	557.6	557.3	557.4	557.2	557.1
177.5°	558.0	559.0	559.8	560.5	561.4	562.1	562.9	562.2	561.8	561.2	560.6
180°	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3



TEST NUMBER: P1444856
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3
2.5°	47615.1	47639.0	47675.4	47708.5	47758.2	47797.4	47856.3	47901.0	47967.4	48010.6	48083.0
5°	47619.4	47712.6	47835.1	47954.6	48098.3	48228.8	48390.9	48529.0	48692.0	48824.9	48991.7
7.5°	47686.7	47866.4	48081.7	48298.6	48544.0	48773.5	49032.1	49266.3	49522.1	49738.7	49975.2
10°	47736.4	48013.5	48330.8	48650.1	48986.2	49298.4	49613.7	49886.1	50140.7	50350.2	50535.3
12.5°	47669.0	48050.7	48458.0	48851.1	49224.9	49548.1	49819.3	50028.8	50173.4	50271.5	50294.5
15°	47440.1	47899.4	48342.2	48733.7	49043.9	49283.0	49406.8	49464.8	49402.6	49299.3	49072.3
17.5°	47012.4	47496.9	47892.7	48201.6	48365.4	48430.4	48327.8	48149.4	47800.8	47413.8	46854.9
20°	46228.3	46679.7	46966.9	47135.3	47091.4	46929.3	46542.1	46071.6	45375.4	44633.6	43654.7
22.5°	44853.1	45247.6	45400.6	45413.2	45145.6	44739.7	44041.3	43234.1	42136.0	40994.5	39590.5
25°	42788.5	43134.2	43158.4	43022.6	42533.1	41875.2	40849.8	39707.9	38215.7	36694.5	34935.2
27.5°	39988.8	40320.3	40239.2	39985.8	39306.2	38425.9	37113.0	35637.8	33798.2	32001.6	30055.4
30°	36469.3	36823.8	36728.4	36403.5	35595.2	34554.7	33009.9	31296.0	29253.7	27334.7	25362.5
32.5°	32257.4	32705.6	32639.8	32331.0	31487.5	30374.0	28697.8	26879.9	24790.3	22899.4	20980.9
35°	27470.1	28014.3	28042.4	27840.5	27057.5	25956.9	24301.7	22542.2	20540.7	18756.4	16984.3
37.5°	22312.4	22943.2	23072.8	23018.4	22369.3	21397.8	19889.7	18311.3	16538.2	14974.4	13458.7
40°	17126.1	17764.6	17986.2	18051.9	17573.0	16820.5	15582.8	14308.8	12863.2	11596.2	10392.7
42.5°	12396.4	12962.5	13176.5	13311.3	13012.3	12510.5	11607.7	10682.4	9623.4	8709.6	7833.4
45°	8609.5	9009.9	9172.8	9308.4	9145.6	8862.5	8292.3	7713.7	7014.6	6417.4	5852.0
47.5°	6019.5	6240.3	6347.8	6413.5	6350.4	6202.8	5892.5	5557.3	5162.6	4813.6	4478.1
50°	4461.7	4579.2	4635.5	4673.5	4627.5	4545.5	4377.5	4195.0	3978.3	3780.6	3587.4
52.5°	3535.8	3603.1	3636.6	3657.1	3630.7	3580.5	3482.8	3374.5	3244.5	3122.4	3058.2
55°	2978.7	2975.1	3052.4	3015.1	3052.4	2969.2	2951.6	2832.7	2724.8	2648.8	2566.6
57.5°	2456.5	2491.4	2506.3	2522.9	2512.1	2496.9	2455.4	2412.8	2355.9	2308.2	2257.6
60°	2126.4	2155.2	2171.4	2187.9	2186.9	2181.2	2157.1	2131.6	2096.1	2067.7	2036.9
62.5°	1899.0	1923.9	1940.0	1955.7	1957.1	1954.9	1936.6	1919.0	1894.8	1876.9	1855.7
65°	1720.1	1737.6	1748.5	1761.1	1760.3	1757.0	1740.6	1725.9	1705.9	1693.5	1678.0
67.5°	1532.8	1546.1	1554.5	1566.5	1568.7	1569.5	1560.4	1553.5	1543.8	1540.3	1535.0
70°	1399.7	1415.8	1429.4	1444.4	1452.5	1456.4	1452.5	1449.0	1443.4	1440.9	1436.9
72.5°	1298.9	1312.5	1323.1	1336.7	1344.4	1349.9	1346.9	1344.9	1340.0	1339.2	1336.4
75°	1173.8	1183.1	1189.2	1199.4	1203.5	1208.6	1206.3	1207.5	1205.9	1209.8	1209.6
77.5°	1023.3	1030.2	1033.0	1040.5	1041.2	1047.4	1048.8	1056.0	1061.1	1072.4	1078.5
80°	853.9	858.3	858.3	866.0	869.3	879.8	884.7	896.5	902.0	912.1	913.0
82.5°	663.3	658.2	663.3	660.2	669.9	681.6	683.2	693.2	695.6	701.9	697.0
85°	453.5	453.2	449.1	449.8	446.7	448.2	446.4	448.4	446.6	446.7	442.2
87.5°	217.3	219.2	214.5	216.0	211.5	213.5	209.5	212.7	207.9	208.6	201.5
90°	50.0	51.2	52.0	53.4	55.3	58.9	62.7	66.3	70.7	74.3	78.3
92.5°	53.8	55.9	57.9	59.9	62.0	68.0	74.0	80.0	86.3	92.0	98.1
95°	61.6	63.4	65.1	67.3	69.0	77.7	86.5	95.1	103.9	112.5	121.3
97.5°	69.7	70.8	71.9	73.0	74.3	84.6	94.8	105.1	115.3	125.7	135.7
100°	80.2	81.5	82.8	84.4	85.7	109.4	133.0	156.6	180.3	203.8	227.4
102.5°	130.6	138.8	147.1	155.7	164.0	221.3	278.7	336.0	392.9	450.3	507.5
105°	297.3	325.1	353.5	381.3	409.2	495.9	582.7	669.5	755.9	842.5	929.3
107.5°	601.2	650.3	699.5	748.6	797.7	879.3	960.7	1042.2	1123.8	1205.3	1286.4
110°	921.1	963.1	1005.9	1048.3	1090.7	1155.2	1220.1	1284.6	1349.4	1414.0	1478.5



TEST NUMBER: P1444856
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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°	1108.4	1134.1	1159.9	1185.4	1211.3	1258.7	1306.5	1353.9	1401.4	1448.4	1495.9
115°	1158.1	1171.5	1185.2	1198.7	1212.5	1241.2	1269.7	1298.3	1326.9	1355.4	1384.0
117.5°	1126.9	1131.9	1136.8	1141.3	1146.2	1160.8	1175.6	1190.1	1204.7	1219.4	1233.9
120°	1048.5	1047.9	1047.6	1046.9	1046.5	1050.8	1055.6	1059.7	1064.4	1068.6	1072.9
122.5°	959.5	956.0	952.7	949.1	945.7	943.7	942.2	940.1	938.8	936.8	935.1
125°	875.7	872.1	868.7	864.9	861.1	856.9	852.6	848.3	843.8	839.5	835.1
127.5°	804.6	801.3	798.3	794.8	791.4	786.4	781.7	776.5	771.9	766.7	761.8
130°	746.1	743.5	741.6	738.6	736.3	731.5	727.5	723.0	718.7	714.3	709.9
132.5°	704.6	702.8	701.2	698.9	697.2	693.1	689.4	685.2	681.3	677.2	673.4
135°	672.9	671.8	670.9	669.4	668.1	664.7	661.9	658.8	655.8	652.6	649.6
137.5°	647.1	646.6	646.1	645.5	644.9	642.2	639.8	637.1	634.5	631.8	629.4
140°	631.2	630.8	630.4	629.9	629.2	626.4	623.8	621.0	618.4	615.6	612.9
142.5°	614.3	614.0	613.8	613.2	612.7	610.4	608.6	606.4	604.2	602.1	600.1
145°	602.3	602.2	602.4	601.9	602.1	599.4	597.3	594.6	592.5	589.9	587.7
147.5°	590.6	590.6	590.8	590.8	591.1	588.9	587.1	585.0	583.3	581.1	579.4
150°	582.2	582.2	582.2	582.0	581.8	579.7	577.9	575.9	574.2	571.8	570.1
152.5°	574.0	574.2	574.4	574.5	574.6	572.7	570.7	568.6	566.6	564.4	562.5
155°	567.1	567.3	567.5	567.5	567.5	565.7	563.9	562.0	560.2	558.1	556.4
157.5°	561.6	562.0	562.3	562.5	562.7	561.1	559.5	558.1	556.5	554.7	553.1
160°	558.2	558.8	559.2	559.4	559.6	558.3	557.3	555.6	554.7	552.9	551.5
162.5°	557.1	557.7	558.1	558.2	558.5	557.2	556.2	554.9	553.6	551.8	550.5
165°	554.7	554.6	555.0	554.9	555.1	554.1	553.5	552.6	551.7	550.6	549.8
167.5°	556.8	556.7	557.0	556.8	557.0	556.4	556.3	555.4	554.8	554.0	553.4
170°	557.1	557.2	557.4	557.3	557.5	556.8	556.4	555.7	555.4	554.3	553.7
172.5°	557.2	556.8	556.8	556.8	556.5	556.0	555.7	555.4	555.1	554.6	554.1
175°	556.8	556.6	556.5	556.2	555.9	555.9	555.6	555.6	555.4	555.2	554.9
177.5°	560.2	559.7	559.0	558.5	558.1	557.9	557.8	557.6	557.8	557.5	557.3
180°	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3



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CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3
2.5°	48127.7	47830.5	47791.2	47812.1	47861.8	47880.2	47933.7	47948.4	48002.3	48015.6	48067.4
5°	49120.7	48727.9	48747.5	48841.9	48985.0	49070.1	49210.7	49284.2	49418.5	49479.5	49600.7
7.5°	50167.9	49859.4	49955.6	50114.9	50310.4	50445.8	50614.7	50724.7	50870.2	50960.5	51077.0
10°	50682.1	50597.6	50703.4	50828.8	50940.3	51027.7	51099.3	51156.6	51194.0	51229.2	51244.6
12.5°	50290.8	50421.6	50439.7	50427.5	50353.6	50297.1	50170.4	50084.3	49931.4	49838.2	49656.2
15°	48840.3	49128.0	48968.7	48727.6	48374.7	48080.5	47665.0	47355.6	46923.0	46629.5	46195.3
17.5°	46294.8	46657.9	46242.8	45684.8	44975.0	44367.8	43611.5	43011.3	42259.4	41712.6	41010.9
20°	42711.3	43050.6	42310.3	41385.3	40287.2	39363.1	38273.3	37403.8	36391.1	35637.8	34728.7
22.5°	38249.5	38491.1	37448.2	36201.2	34802.3	33647.8	32344.8	31302.4	30146.7	29285.4	28316.1
25°	33313.2	33378.5	32127.5	30690.8	29131.6	27834.1	26443.1	25347.1	24168.4	23295.5	22344.2
27.5°	28331.2	28235.5	26883.3	25360.0	23719.9	22371.2	21014.5	19987.5	18955.2	18169.0	17349.3
30°	23628.7	23397.1	21993.1	20427.4	18835.3	17626.5	16500.2	15675.4	14854.2	14230.4	13572.6
32.5°	19316.4	18989.6	17623.0	16156.1	14814.6	13881.8	13046.6	12422.5	11759.3	11232.5	10680.4
35°	15496.8	15148.7	13938.0	12694.4	11679.1	10991.5	10335.0	9823.1	9260.0	8815.5	8336.0
37.5°	12218.8	11933.4	10919.4	9940.8	9172.8	8639.9	8102.1	7683.7	7218.3	7022.7	6510.4
40°	9432.8	9233.4	8440.5	7719.1	7142.5	6892.1	6346.2	5955.3	5607.5	5320.7	5043.0
42.5°	7357.8	7287.2	6515.6	5952.9	5546.8	5231.5	4927.2	4680.2	4439.8	4242.1	4055.4
45°	5399.5	5343.7	5001.1	4676.3	4399.6	4179.2	3973.6	3803.6	3646.5	3516.1	3397.7
47.5°	4204.6	4186.7	3989.4	3788.1	3613.8	3472.1	3338.6	3225.8	3121.6	3034.6	3006.2
50°	3419.8	3417.5	3301.7	3177.4	3053.3	2971.5	2886.2	2819.5	2752.5	2700.4	2645.2
52.5°	2905.7	2893.1	2815.0	2738.2	2664.5	2610.8	2556.3	2513.7	2469.3	2437.2	2402.9
55°	2501.5	2514.8	2469.5	2423.7	2377.6	2344.1	2306.0	2277.9	2247.4	2227.1	2206.4
57.5°	2220.8	2238.3	2214.5	2188.6	2160.5	2138.5	2112.2	2092.8	2072.4	2059.5	2047.5
60°	2016.5	2035.6	2026.1	2013.0	1995.7	1982.6	1965.8	1955.1	1941.9	1934.7	1927.9
62.5°	1843.3	1867.2	1863.8	1857.6	1846.4	1839.3	1830.0	1825.3	1816.6	1813.4	1810.2
65°	1670.3	1697.3	1696.7	1693.7	1687.5	1685.4	1679.8	1678.7	1674.3	1676.0	1675.7
67.5°	1534.4	1557.8	1562.9	1566.6	1566.5	1567.9	1567.3	1569.6	1569.6	1573.0	1575.1
70°	1436.3	1452.5	1456.4	1460.4	1461.4	1464.5	1464.5	1466.5	1466.0	1468.8	1469.2
72.5°	1337.1	1358.5	1362.4	1365.6	1365.6	1368.6	1367.0	1366.4	1362.3	1361.3	1358.3
75°	1213.7	1241.1	1247.1	1251.0	1251.6	1254.2	1250.5	1248.2	1241.1	1238.3	1233.3
77.5°	1084.8	1113.3	1117.5	1118.9	1116.7	1117.2	1109.4	1104.1	1095.1	1091.3	1086.6
80°	917.0	958.9	962.3	959.7	953.1	952.0	944.4	939.5	928.8	925.0	920.9
82.5°	697.8	747.0	753.9	756.9	751.6	752.8	745.6	742.7	732.8	731.1	724.5
85°	440.6	489.8	497.9	496.7	491.3	490.0	485.9	487.3	486.4	489.0	490.4
87.5°	202.4	250.0	261.5	257.8	257.2	253.9	246.2	249.1	253.7	256.7	256.9
90°	82.1	100.2	103.7	101.7	95.1	92.4	86.3	84.4	78.9	77.0	71.6
92.5°	104.2	110.1	116.2	110.8	105.5	100.1	94.7	89.3	84.0	78.5	73.3
95°	130.0	138.3	147.0	139.8	132.6	125.4	118.2	111.1	104.0	96.8	89.7
97.5°	146.0	155.9	166.0	158.8	151.8	144.4	137.2	130.2	123.0	115.6	108.5
100°	251.0	274.0	297.5	277.2	256.7	236.5	216.1	195.6	175.3	155.1	134.6
102.5°	564.6	621.4	678.3	626.8	575.4	523.9	472.5	421.2	369.9	318.2	266.9
105°	1015.7	1101.7	1188.0	1109.2	1030.8	952.3	873.8	795.3	716.8	638.2	559.8
107.5°	1367.9	1448.1	1529.0	1457.9	1386.9	1316.0	1244.8	1174.0	1102.9	1031.8	961.0
110°	1543.1	1606.0	1670.3	1622.2	1574.6	1526.6	1479.0	1431.1	1383.5	1336.0	1288.5



TEST NUMBER: P1444856
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	1543.0	1588.3	1634.9	1606.5	1578.7	1550.4	1522.5	1494.4	1466.6	1438.4	1410.9
115°	1412.0	1438.1	1465.9	1454.2	1443.1	1431.7	1420.4	1409.3	1398.0	1386.8	1375.9
117.5°	1248.2	1259.8	1273.3	1270.8	1268.5	1265.9	1263.8	1261.3	1259.3	1257.1	1255.0
120°	1077.1	1078.2	1081.5	1082.3	1083.5	1084.3	1085.5	1086.5	1087.7	1088.8	1090.2
122.5°	933.0	927.6	924.6	925.4	926.2	926.9	927.9	928.6	929.6	930.6	931.7
125°	830.7	822.2	816.6	814.1	811.7	809.2	806.7	804.3	802.1	799.8	797.7
127.5°	756.8	747.6	741.4	736.5	731.5	726.4	721.5	716.4	711.7	706.6	702.0
130°	705.5	696.6	691.0	684.8	678.9	672.5	666.6	660.4	654.2	648.1	642.1
132.5°	669.4	660.5	655.3	649.5	643.9	637.7	632.0	625.9	620.0	613.9	608.2
135°	646.5	638.3	634.1	628.5	623.6	618.0	612.6	607.1	601.7	596.1	591.0
137.5°	626.6	618.5	615.0	610.5	606.3	601.8	597.7	593.0	588.7	583.9	579.8
140°	610.2	601.7	597.8	595.3	592.9	590.0	587.4	584.6	582.1	579.4	576.6
142.5°	597.9	589.7	586.4	584.6	583.1	581.1	579.8	577.9	576.1	573.8	572.1
145°	585.4	576.2	572.6	571.9	571.9	571.4	571.0	570.5	570.2	569.4	569.0
147.5°	577.2	567.8	564.2	564.4	564.5	564.3	564.7	564.4	564.7	564.6	564.7
150°	567.8	557.3	553.0	553.6	554.0	554.5	555.0	555.4	556.1	556.5	556.9
152.5°	560.2	547.6	542.9	543.4	544.3	544.6	545.3	546.1	547.0	547.7	548.4
155°	554.0	540.4	535.3	535.2	535.5	535.8	536.1	536.5	537.0	537.4	538.0
157.5°	551.3	536.9	532.0	531.5	531.6	531.6	531.7	531.9	532.2	532.3	533.0
160°	550.0	535.7	530.9	530.4	530.5	530.3	530.2	530.2	530.5	530.7	531.1
162.5°	548.9	535.0	530.3	529.7	529.5	529.4	529.4	529.1	529.3	529.3	529.7
165°	548.5	536.3	532.0	531.8	531.9	531.7	531.9	532.0	532.2	532.4	532.9
167.5°	552.4	541.5	538.2	537.7	537.1	536.6	536.6	535.9	535.9	535.5	535.5
170°	552.8	544.2	541.3	541.1	541.4	541.2	541.0	541.1	541.1	541.0	541.3
172.5°	553.6	547.2	545.0	545.3	545.8	545.9	546.4	546.8	547.2	547.6	548.1
175°	554.7	550.9	550.0	549.9	550.1	550.3	550.6	550.8	551.1	551.3	551.8
177.5°	557.3	556.1	555.5	555.5	555.5	555.5	555.5	555.5	555.5	555.7	555.7
180°	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3



TEST NUMBER: P1444856
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3
2.5°	48077.1	48133.2	48128.9	48181.3	48178.6	48227.9	48218.0	48260.6	48250.9	48287.3	48265.9
5°	49654.1	49760.8	49795.9	49892.1	49912.1	49998.2	49999.9	50068.4	50060.1	50113.7	50085.2
7.5°	51145.9	51245.5	51292.7	51367.5	51404.8	51466.7	51490.9	51541.8	51554.0	51584.1	51583.2
10°	51271.8	51271.5	51294.8	51284.4	51305.3	51293.2	51318.7	51309.5	51347.2	51337.4	51365.9
12.5°	49577.8	49409.6	49348.2	49197.3	49164.2	49034.6	49043.9	48960.8	49000.8	48949.8	49036.8
15°	45936.9	45546.9	45354.3	45015.2	44908.7	44640.7	44618.9	44440.9	44489.0	44395.8	44532.0
17.5°	40556.9	39942.8	39605.8	39110.7	38914.0	38535.0	38459.0	38229.8	38265.4	38150.0	38314.3
20°	34142.3	33400.2	32975.2	32402.5	32147.1	31695.2	31575.3	31319.0	31351.2	31236.2	31422.3
22.5°	27654.5	26877.8	26398.0	25797.7	25471.6	25046.5	24919.1	24661.5	24676.2	24568.3	24747.2
25°	21692.5	20947.9	20482.1	19936.9	19653.9	19264.2	19130.2	18899.0	18912.0	18823.2	18983.7
27.5°	16780.7	16169.7	15780.0	15323.1	15069.4	14749.0	14618.4	14423.8	14423.4	14358.1	14492.3
30°	13113.3	12603.4	12253.5	11855.6	11617.2	11328.2	11201.9	11027.9	11020.3	10974.0	11080.6
32.5°	10267.4	9813.9	9494.8	9144.5	8930.6	8682.6	8563.0	8423.2	8410.4	8368.5	8456.1
35°	7981.5	7599.6	7325.2	7030.4	7052.1	6686.1	6747.0	6462.6	6385.6	6368.8	6433.9
37.5°	6168.8	5873.0	5650.1	5429.3	5279.7	5125.0	5041.7	4967.0	4958.5	4951.2	4996.8
40°	4828.5	4621.5	4459.3	4307.8	4205.0	4110.5	4058.4	4017.3	4007.7	4002.2	4029.7
42.5°	3908.0	3768.2	3663.8	3571.3	3508.8	3457.4	3428.8	3406.0	3398.4	3398.5	3414.9
45°	3301.7	3217.0	3149.6	3092.2	3052.3	3069.8	3018.1	3045.2	3009.5	3046.4	3022.0
47.5°	2907.6	2835.5	2793.7	2753.1	2728.9	2709.4	2710.2	2710.5	2718.1	2719.3	2727.3
50°	2603.5	2561.8	2532.8	2506.8	2494.3	2484.0	2487.6	2490.2	2497.6	2498.1	2504.0
52.5°	2378.5	2351.1	2333.6	2317.5	2311.8	2306.0	2308.4	2307.4	2310.8	2309.0	2313.7
55°	2195.3	2182.4	2176.9	2170.9	2171.8	2170.2	2171.3	2165.4	2161.9	2157.5	2161.5
57.5°	2045.1	2043.3	2046.9	2049.4	2056.3	2058.8	2060.4	2053.7	2047.3	2041.5	2044.9
60°	1929.3	1932.0	1941.3	1948.6	1958.6	1963.2	1966.0	1962.1	1957.5	1952.7	1955.5
62.5°	1815.0	1819.4	1830.4	1838.7	1850.7	1856.9	1863.8	1864.1	1865.9	1864.1	1866.1
65°	1682.4	1687.9	1697.8	1704.7	1715.8	1721.3	1728.4	1729.6	1733.5	1732.6	1735.9
67.5°	1581.7	1586.6	1594.9	1601.4	1611.4	1617.0	1623.2	1623.6	1625.0	1624.6	1627.8
70°	1474.1	1476.7	1484.0	1489.5	1499.4	1505.3	1512.3	1514.5	1518.9	1519.6	1523.1
72.5°	1359.6	1358.5	1362.9	1365.4	1372.9	1377.4	1386.5	1391.4	1398.9	1400.7	1403.4
75°	1234.7	1233.7	1239.0	1241.1	1247.5	1252.0	1262.2	1268.7	1280.2	1284.9	1283.7
77.5°	1090.3	1092.8	1102.7	1108.2	1116.7	1122.4	1135.6	1146.0	1167.1	1176.2	1166.9
80°	928.8	931.4	941.6	946.7	957.9	965.0	979.6	991.8	1010.7	1014.8	1009.5
82.5°	730.1	730.9	740.1	743.9	758.5	768.9	787.4	797.2	808.9	807.1	805.7
85°	497.9	504.6	516.0	527.6	545.2	562.2	579.8	594.2	584.0	600.1	582.0
87.5°	266.1	265.3	280.9	278.5	303.3	317.5	332.7	340.0	348.2	346.5	346.7
90°	70.3	66.5	66.7	62.5	63.9	59.3	62.0	57.9	61.4	56.2	64.2
92.5°	67.8	65.0	62.0	59.3	56.3	53.4	50.4	47.5	44.6	41.7	44.6
95°	82.5	79.8	77.2	74.3	71.6	69.0	66.3	63.6	61.0	58.3	61.7
97.5°	101.4	99.8	98.2	96.7	95.1	93.5	92.0	90.5	88.7	87.1	89.3
100°	114.3	114.3	114.3	114.3	113.9	113.9	113.9	113.9	113.9	113.9	115.7
102.5°	215.4	210.3	205.1	199.8	194.7	189.5	184.4	179.2	174.1	169.0	176.5
105°	481.4	461.4	441.0	421.0	400.7	380.7	360.5	340.5	320.4	300.4	321.1
107.5°	890.3	853.5	816.8	780.2	743.4	706.8	670.2	633.6	597.1	560.5	593.3
110°	1240.8	1201.7	1162.8	1123.9	1085.0	1046.0	1007.2	968.4	929.6	890.7	922.0



TEST NUMBER: P1444856
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	1383.0	1357.5	1332.3	1307.2	1282.0	1257.0	1231.9	1206.9	1182.0	1157.0	1172.2
115°	1364.8	1352.7	1340.5	1328.5	1316.5	1304.4	1292.5	1280.6	1268.8	1257.0	1257.9
117.5°	1253.0	1248.7	1244.5	1240.4	1236.2	1232.2	1228.2	1224.5	1220.5	1216.8	1208.3
120°	1091.7	1092.6	1093.5	1094.6	1095.9	1097.3	1098.3	1099.8	1101.4	1103.0	1091.6
122.5°	932.9	935.5	938.1	940.9	943.8	946.7	949.7	953.1	956.4	959.8	948.4
125°	795.3	797.9	800.3	803.0	805.4	808.6	811.6	814.9	818.2	821.6	812.0
127.5°	697.2	697.7	698.1	698.8	699.6	700.8	702.0	703.3	704.9	706.7	700.6
130°	636.0	634.5	632.8	631.5	630.0	629.1	628.3	627.6	627.0	626.7	624.1
132.5°	602.2	599.1	596.2	593.3	590.6	588.3	585.8	584.0	582.0	580.4	579.7
135°	585.3	581.3	577.4	573.7	570.0	566.9	563.6	560.9	558.1	555.5	556.2
137.5°	575.3	571.5	567.5	563.8	560.1	557.1	553.8	550.9	548.3	545.8	546.9
140°	573.8	569.9	566.0	562.4	559.1	555.8	552.6	550.0	547.0	544.7	545.4
142.5°	570.2	567.1	563.3	560.2	556.8	554.0	551.3	548.8	545.9	544.1	544.9
145°	568.4	566.0	563.3	560.8	558.4	556.5	554.0	552.3	550.5	549.3	549.7
147.5°	564.5	562.8	560.5	558.9	556.8	555.4	553.8	552.7	551.3	550.3	550.5
150°	557.3	556.2	554.9	553.8	552.6	551.6	550.6	549.9	549.0	548.5	548.5
152.5°	549.1	548.2	547.0	546.0	545.0	544.3	543.4	542.9	542.2	541.7	541.6
155°	538.5	538.0	537.6	537.3	536.8	536.9	536.4	536.6	536.3	536.3	536.5
157.5°	533.2	533.3	533.0	533.4	533.3	533.5	533.4	533.8	533.7	534.3	534.7
160°	531.7	531.6	531.3	531.4	531.3	531.2	531.3	531.4	531.5	531.6	532.1
162.5°	529.9	530.5	530.7	531.0	531.5	531.9	532.4	533.1	533.5	534.2	534.7
165°	533.4	533.4	533.3	533.3	533.6	533.6	533.8	534.4	534.4	535.0	535.7
167.5°	535.3	535.7	535.8	536.2	536.5	537.2	537.6	538.3	538.9	539.8	540.4
170°	541.1	541.1	541.1	541.1	541.1	541.5	541.7	541.8	541.9	542.5	542.9
172.5°	548.4	548.4	548.0	548.4	548.0	548.4	548.4	548.6	548.6	548.6	548.8
175°	551.7	552.2	552.5	552.8	552.8	553.1	553.3	553.5	553.8	554.1	554.1
177.5°	555.7	555.9	555.9	555.9	555.9	556.1	556.1	556.1	556.1	555.9	556.1
180°	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3



TEST NUMBER: P1444856
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3
2.5°	48301.4	48277.2	48302.0	48276.8	48302.0	48271.9	48292.3	48259.7	48268.1	48234.3	48242.9
5°	50127.7	50089.3	50109.8	50059.7	50065.0	49998.2	49996.9	49919.2	49898.7	49810.1	49771.2
7.5°	51604.6	51592.0	51599.1	51567.0	51563.2	51517.6	51495.9	51431.5	51391.0	51309.5	51253.8
10°	51370.8	51408.5	51418.3	51456.6	51464.6	51502.6	51510.5	51548.5	51556.5	51584.6	51584.9
12.5°	49032.7	49160.5	49191.1	49349.0	49415.5	49596.2	49693.0	49892.1	50010.4	50208.9	50330.9
15°	44528.3	44749.5	44837.7	45146.0	45316.5	45676.5	45902.6	46316.0	46607.7	47046.7	47359.8
17.5°	38328.8	38637.9	38777.4	39195.5	39468.3	39999.6	40382.5	41012.8	41495.3	42195.7	42750.9
20°	31454.0	31797.6	31986.9	32463.9	32785.9	33406.6	33884.7	34659.3	35305.1	36192.6	36951.6
22.5°	24803.3	25130.2	25340.4	25825.7	26188.2	26835.6	27369.9	28187.4	28911.0	29911.1	30821.2
25°	19044.3	19343.8	19533.8	19972.8	20313.1	20908.1	21418.3	22204.6	22912.6	23915.8	24848.9
27.5°	14559.1	14810.0	14993.2	15367.4	15667.7	16172.2	16610.5	17260.2	17870.4	18738.3	19569.2
30°	11146.2	11368.6	11546.8	11872.8	12151.1	12588.5	12973.9	13519.7	14024.6	14715.2	15376.3
32.5°	8517.6	8709.0	8867.8	9153.1	9405.6	9799.5	10146.7	10625.1	11058.5	11644.3	12188.1
35°	6494.3	6871.1	6844.3	7238.0	7301.2	7583.9	7893.6	8312.0	8695.8	9193.9	9656.7
37.5°	5040.7	5146.6	5260.1	5434.0	5616.9	5874.1	6135.7	6646.9	6834.3	7210.7	7593.8
40°	4064.8	4136.3	4211.3	4328.9	4456.9	4638.1	4828.7	5072.5	5322.3	5627.5	5939.1
42.5°	3436.4	3476.9	3524.6	3593.7	3672.6	3787.5	3915.0	4080.3	4254.1	4468.9	4688.1
45°	3070.2	3051.0	3065.1	3102.3	3149.8	3219.7	3300.1	3402.5	3515.7	3654.8	3802.9
47.5°	2728.9	2736.6	2740.9	2761.0	2786.6	2833.3	2882.1	2951.6	3085.8	3126.7	3207.5
50°	2503.4	2507.2	2505.9	2516.2	2529.0	2559.5	2591.2	2638.1	2685.2	2747.4	2806.9
52.5°	2314.5	2319.8	2319.1	2325.8	2332.7	2351.9	2371.9	2405.1	2435.9	2475.5	2509.7
55°	2165.2	2172.5	2175.3	2181.0	2184.3	2194.4	2202.4	2218.2	2231.4	2253.8	2274.5
57.5°	2050.5	2060.4	2065.0	2066.9	2062.8	2062.4	2059.7	2063.0	2065.7	2077.8	2089.4
60°	1960.2	1968.1	1969.3	1968.1	1960.6	1955.3	1946.9	1944.3	1942.9	1948.6	1955.1
62.5°	1865.5	1868.4	1866.5	1864.1	1855.7	1850.5	1841.7	1838.5	1835.5	1839.5	1843.0
65°	1734.7	1737.2	1734.7	1733.3	1725.7	1721.7	1714.2	1711.7	1707.5	1708.5	1707.9
67.5°	1628.5	1630.9	1629.0	1627.0	1621.8	1619.3	1613.8	1610.3	1605.1	1603.2	1599.6
70°	1522.6	1524.5	1521.6	1519.6	1513.6	1511.2	1506.1	1505.1	1501.0	1500.1	1496.0
72.5°	1400.7	1400.9	1396.7	1395.4	1391.0	1390.9	1388.7	1390.7	1390.5	1392.6	1391.8
75°	1276.2	1274.4	1269.1	1268.2	1264.8	1266.4	1264.1	1267.1	1267.5	1272.1	1272.6
77.5°	1151.3	1144.8	1134.7	1129.9	1123.2	1122.4	1118.4	1121.0	1120.2	1125.5	1127.6
80°	993.6	985.7	972.7	966.6	958.6	957.4	953.8	957.4	955.6	961.7	966.2
82.5°	793.3	786.4	773.0	768.0	758.8	759.7	755.8	759.7	759.2	768.3	773.6
85°	586.8	582.2	568.4	556.2	542.6	534.7	526.8	525.4	523.1	526.8	530.0
87.5°	338.9	334.6	323.9	316.9	292.9	294.0	284.6	284.2	281.8	279.7	284.6
90°	63.1	70.0	69.1	75.5	75.4	82.5	83.0	89.9	89.6	96.3	97.2
92.5°	47.5	50.4	53.3	56.3	59.2	62.0	64.9	67.8	74.1	79.9	86.5
95°	65.0	68.4	71.7	75.0	78.4	81.7	85.1	88.4	97.5	106.7	115.8
97.5°	91.8	93.8	96.1	98.3	100.5	102.8	105.0	107.2	117.2	127.1	136.9
100°	117.5	119.3	121.0	122.9	124.7	126.4	128.2	130.0	149.3	168.3	187.3
102.5°	184.2	191.7	199.4	206.9	214.7	222.3	229.9	237.5	281.2	324.7	368.2
105°	341.8	362.6	383.6	404.2	425.0	445.8	466.7	487.4	557.2	626.8	696.8
107.5°	626.1	658.9	691.7	724.5	757.3	790.3	823.1	856.1	924.0	992.2	1060.2
110°	953.2	984.6	1015.8	1047.3	1078.5	1109.9	1141.3	1172.8	1213.7	1254.6	1295.5



TEST NUMBER: P1444856
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	1187.5	1202.6	1217.9	1233.3	1248.7	1264.1	1279.5	1295.1	1315.7	1336.1	1356.8
115°	1258.8	1259.8	1261.0	1262.1	1263.3	1264.4	1265.9	1267.2	1274.0	1280.5	1287.3
117.5°	1200.1	1191.8	1183.7	1175.5	1167.4	1159.5	1151.6	1143.9	1142.8	1141.7	1140.9
120°	1080.8	1069.6	1058.5	1047.3	1036.6	1025.7	1015.3	1004.8	999.7	994.4	989.5
122.5°	937.4	926.4	915.5	904.6	894.0	883.5	873.1	862.9	859.4	855.9	852.7
125°	802.8	793.8	784.7	775.8	767.3	758.7	750.3	742.1	742.3	742.4	743.1
127.5°	695.2	689.7	684.3	679.3	674.4	669.4	664.9	660.1	663.1	666.1	669.2
130°	621.8	619.6	617.8	615.5	614.2	612.6	611.1	609.6	614.7	619.2	624.3
132.5°	579.7	579.5	579.7	579.9	580.4	580.9	581.8	582.3	587.9	593.2	598.8
135°	557.0	558.0	559.5	560.7	562.5	564.0	566.1	567.7	573.1	578.1	583.7
137.5°	548.3	549.7	551.3	553.1	555.4	557.3	559.7	561.8	566.1	570.4	574.5
140°	546.8	547.6	549.4	550.9	552.6	554.2	556.5	558.1	562.0	565.1	568.6
142.5°	546.2	547.0	548.5	550.0	551.7	553.1	555.0	556.6	559.3	561.7	564.8
145°	550.7	551.3	552.7	553.6	555.0	556.2	557.7	559.0	560.9	562.4	564.3
147.5°	551.2	551.7	552.6	553.5	554.5	555.4	556.3	557.2	558.6	559.8	561.0
150°	548.8	549.2	549.8	550.0	550.9	551.5	552.4	552.8	554.0	554.9	556.2
152.5°	542.2	542.4	542.8	543.1	543.8	544.3	544.7	545.4	546.5	547.2	548.4
155°	537.1	537.8	538.5	539.1	539.9	540.3	541.2	541.7	542.6	543.2	544.2
157.5°	535.3	535.7	536.6	536.9	537.8	538.4	539.1	539.6	540.4	541.0	541.8
160°	533.1	534.0	534.7	535.7	536.6	537.3	538.3	539.1	539.9	540.4	541.1
162.5°	535.4	536.2	536.8	537.4	538.1	538.8	539.3	540.0	541.1	541.8	542.8
165°	536.6	537.4	538.4	539.1	540.2	541.0	541.8	542.8	543.2	544.0	544.5
167.5°	541.3	541.8	543.1	543.7	544.7	545.5	546.4	547.2	547.8	548.2	548.9
170°	543.7	544.4	545.2	545.9	546.7	547.2	548.3	548.8	549.7	550.3	551.3
172.5°	549.5	550.0	550.7	551.1	551.7	552.4	553.0	553.4	554.1	554.7	555.3
175°	554.1	554.1	554.3	554.5	554.7	554.7	554.9	555.3	555.4	555.5	555.7
177.5°	556.4	556.6	556.8	557.0	557.2	557.4	557.7	557.9	557.9	557.9	557.9
180°	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3



TEST NUMBER: P1444856
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3
2.5°	48209.2	48211.3	48172.4	48170.3	48133.8	48129.3	48093.7	48083.0	48054.1	48043.7	48014.3
5°	49671.8	49624.5	49515.0	49450.6	49342.5	49270.8	49153.8	49077.4	48964.5	48879.3	48765.6
7.5°	51151.1	51077.6	50954.7	50855.1	50705.0	50585.2	50409.6	50265.7	50075.5	49910.9	49711.0
10°	51584.9	51573.7	51542.4	51496.7	51426.9	51348.4	51228.9	51104.2	50937.5	50756.5	50534.4
12.5°	50517.5	50632.7	50789.9	50883.0	50996.4	51046.1	51092.6	51080.9	51050.4	50958.8	50830.4
15°	47813.4	48137.2	48566.1	48898.5	49280.9	49558.9	49865.8	50057.0	50247.8	50335.9	50389.8
17.5°	43511.7	44125.0	44894.0	45531.4	46266.7	46857.4	47504.8	47992.2	48493.5	48852.5	49177.3
20°	37986.2	38874.8	39962.5	40923.4	42040.7	43011.7	44075.7	44949.2	45850.0	46554.3	47221.0
22.5°	31993.0	33048.3	34363.3	35581.4	37021.7	38316.3	39776.8	41048.0	42375.2	43484.1	44556.1
25°	26099.6	27256.9	28694.8	30053.9	31685.2	33190.9	34923.0	36507.3	38222.7	39712.1	41183.4
27.5°	20718.0	21854.3	23322.3	24769.0	26494.0	28098.4	29954.3	31699.8	33653.1	35454.3	37296.8
30°	16294.9	17258.6	18574.9	19976.2	21677.5	23310.2	25186.2	26981.5	29013.4	30980.1	33055.5
32.5°	12909.9	13644.1	14679.0	15863.9	17433.7	18987.9	20774.2	22507.3	24508.2	26494.9	28653.4
35°	10252.9	10825.5	11614.5	12539.2	13868.6	15208.3	16788.3	18364.3	20231.1	22116.3	24214.4
37.5°	8084.9	8549.6	9167.5	9862.1	10928.4	12027.9	13323.5	14630.0	16252.1	17923.2	19824.7
40°	6313.5	6689.7	7170.7	7688.8	8493.9	9341.1	10343.0	11356.2	12659.4	14025.2	15598.8
42.5°	4959.7	5237.2	5577.1	5955.6	6706.8	7156.6	7836.0	8568.8	9526.9	10518.4	11701.6
45°	3983.1	4172.5	4408.1	4662.0	5010.6	5392.2	5857.4	6345.4	7255.6	7702.0	8421.6
47.5°	3326.3	3453.4	3603.3	3763.3	3968.9	4190.8	4466.8	4749.0	5113.9	5492.1	5935.4
50°	2883.9	3013.1	3064.6	3147.6	3266.5	3393.2	3548.8	3704.4	3900.1	4098.5	4326.7
52.5°	2555.6	2597.7	2653.7	2706.4	2780.1	2924.4	2971.1	3052.4	3162.2	3269.5	3389.4
55°	2304.9	2332.3	2368.7	2400.6	2445.1	2487.7	2549.3	2603.4	2676.5	2741.3	2820.8
57.5°	2109.7	2127.2	2152.5	2173.3	2202.2	2226.3	2262.3	2291.7	2333.8	2370.3	2418.6
60°	1967.9	1979.6	1996.6	2010.2	2028.6	2041.1	2059.0	2072.8	2095.1	2113.6	2140.5
62.5°	1852.1	1858.2	1869.3	1877.3	1888.9	1895.2	1904.8	1910.8	1923.0	1932.4	1947.4
65°	1713.2	1714.6	1722.1	1725.4	1734.5	1737.9	1745.7	1748.5	1758.6	1765.5	1778.8
67.5°	1599.4	1596.1	1596.3	1593.7	1594.9	1592.3	1592.9	1590.1	1594.1	1596.3	1606.3
70°	1495.4	1490.9	1489.5	1484.8	1483.4	1478.3	1476.9	1472.6	1472.0	1470.6	1474.1
72.5°	1394.0	1392.8	1393.2	1389.8	1389.5	1386.1	1386.3	1384.1	1386.5	1387.5	1392.1
75°	1277.6	1277.9	1280.2	1277.2	1278.0	1275.2	1276.3	1273.7	1275.1	1274.5	1279.1
77.5°	1135.8	1139.1	1145.3	1144.1	1146.0	1142.8	1144.2	1140.5	1141.5	1139.1	1140.9
80°	976.3	983.4	991.6	991.3	994.8	992.6	995.7	992.2	993.6	989.3	988.3
82.5°	787.0	792.9	801.8	802.1	809.9	811.4	819.9	819.7	825.2	821.6	819.1
85°	538.0	542.0	549.9	554.0	562.1	567.0	575.3	578.6	572.7	583.6	574.9
87.5°	280.9	291.3	285.5	299.2	296.0	309.8	306.7	319.5	317.0	327.9	326.5
90°	105.8	107.4	116.5	118.5	129.3	132.4	137.3	133.5	138.1	134.5	139.3
92.5°	92.4	99.1	105.4	111.6	117.9	124.2	118.3	112.5	106.7	101.0	95.1
95°	124.9	134.2	143.3	152.4	161.5	170.7	160.9	151.2	141.4	131.6	121.8
97.5°	146.6	156.5	166.3	176.1	186.1	195.9	184.3	172.7	161.1	149.7	138.1
100°	206.2	225.4	244.3	263.3	282.4	301.4	280.0	258.3	236.8	215.2	193.5
102.5°	412.1	455.5	499.1	542.8	586.3	630.0	584.2	538.7	492.7	446.9	401.0
105°	766.6	836.3	906.1	975.9	1045.6	1115.7	1041.4	967.1	892.8	818.6	744.2
107.5°	1128.4	1196.3	1264.7	1332.6	1400.8	1469.2	1393.9	1318.6	1243.4	1167.9	1092.5
110°	1336.6	1377.6	1418.7	1459.8	1500.8	1542.1	1487.1	1432.3	1377.4	1322.4	1267.4



TEST NUMBER: P1444856
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	1377.3	1398.3	1418.7	1439.7	1460.3	1481.1	1441.9	1403.0	1363.6	1324.5	1285.2
115°	1294.2	1300.9	1307.8	1314.7	1321.4	1328.3	1302.1	1275.8	1249.5	1223.3	1196.6
117.5°	1140.1	1139.5	1138.4	1138.0	1136.9	1136.2	1121.7	1107.3	1092.4	1077.8	1063.1
120°	984.3	979.2	974.1	969.2	964.0	958.8	953.0	947.1	940.9	934.8	928.7
122.5°	849.3	846.1	842.7	839.4	835.8	832.3	830.2	828.4	826.1	824.1	821.6
125°	743.4	743.6	744.0	744.5	744.6	744.9	743.8	743.2	742.1	741.4	740.3
127.5°	671.9	675.1	677.8	680.7	683.4	686.3	686.2	686.4	686.4	686.5	686.4
130°	628.8	633.9	638.5	643.0	647.3	652.2	651.7	651.6	651.3	650.9	650.6
132.5°	604.2	609.5	614.8	620.4	625.3	630.5	630.0	629.8	629.0	628.8	628.1
135°	588.6	593.7	598.5	603.9	608.6	613.5	612.7	612.1	611.2	610.8	609.9
137.5°	578.5	582.9	586.9	590.9	594.7	598.8	597.8	597.3	596.3	595.9	594.9
140°	571.8	575.3	578.3	581.7	584.8	588.1	586.8	585.9	584.7	583.7	582.5
142.5°	567.2	569.8	572.0	574.7	577.0	579.5	577.5	575.9	574.4	572.7	571.0
145°	566.0	567.9	569.5	571.2	572.4	574.3	572.1	570.3	567.9	566.1	563.8
147.5°	562.1	563.5	564.2	565.4	566.1	567.3	565.1	563.2	561.2	559.1	556.9
150°	556.8	558.2	558.9	559.8	560.7	561.7	559.4	557.3	555.0	552.7	550.7
152.5°	549.3	550.2	551.1	551.7	552.6	553.3	551.1	549.2	547.0	544.7	542.6
155°	544.5	545.4	545.8	546.5	546.7	547.2	545.1	543.7	541.8	540.1	538.0
157.5°	542.2	543.0	543.5	543.8	544.2	544.7	543.3	542.1	540.6	539.3	537.7
160°	541.7	542.2	542.7	543.1	543.6	543.8	542.7	541.8	540.6	539.3	537.9
162.5°	543.4	544.4	544.9	545.5	546.3	546.9	545.5	544.2	542.9	541.5	539.9
165°	545.0	545.6	546.1	546.6	546.8	547.3	546.4	545.7	544.5	543.7	542.7
167.5°	549.3	550.0	550.3	550.9	551.1	551.3	550.4	549.9	548.7	547.8	546.7
170°	551.5	552.2	552.9	553.5	554.0	554.3	553.7	553.0	552.1	551.4	550.5
172.5°	555.8	556.5	556.7	557.2	557.5	558.0	557.2	556.4	555.6	554.8	553.9
175°	555.7	555.9	556.3	556.3	556.3	556.5	555.8	555.2	554.5	553.9	553.1
177.5°	557.9	557.9	557.9	557.7	557.7	557.7	557.2	556.8	556.4	555.9	555.3
180°	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3



TEST NUMBER: P1444856
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3	47704.3
2.5°	48003.9	47983.0	47969.6	47952.4	47942.0	47928.8	47919.0	47910.7	47904.0	47897.9	47893.2
5°	48678.9	48571.6	48488.3	48398.1	48324.1	48250.2	48193.3	48146.0	48113.5	48089.1	48074.6
7.5°	49538.3	49341.9	49167.2	48983.4	48818.6	48656.5	48516.8	48396.4	48306.1	48247.5	48212.0
10°	50305.8	50042.9	49782.9	49509.1	49249.7	48997.8	48765.6	48561.2	48399.5	48291.9	48229.1
12.5°	50649.8	50425.9	50160.4	49863.2	49545.1	49223.3	48909.6	48626.8	48389.3	48230.1	48138.1
15°	50346.9	50254.9	50074.7	49844.1	49542.2	49209.5	48841.2	48495.0	48176.6	47970.2	47850.4
17.5°	49361.2	49489.6	49475.8	49387.6	49170.6	48890.5	48515.3	48126.4	47728.1	47452.2	47301.3
20°	47697.8	48101.3	48306.1	48411.1	48325.9	48144.3	47804.5	47409.9	46945.6	46585.3	46365.4
22.5°	45360.4	46072.8	46516.7	46841.5	46910.4	46848.5	46548.6	46173.2	45655.7	45222.5	44897.8
25°	42351.3	43394.9	44096.5	44646.5	44860.1	44915.3	44659.9	44286.7	43709.8	43205.2	42759.2
27.5°	38807.0	40163.1	41099.8	41838.8	42172.4	42317.0	42082.1	41701.3	41018.8	40416.5	39833.7
30°	34816.9	36425.8	37553.6	38439.7	38846.4	39037.4	38787.9	38362.7	37568.6	36843.7	36109.7
32.5°	30546.2	32306.8	33535.7	34498.0	34900.9	35080.7	34754.2	34276.8	33358.9	32504.9	31648.9
35°	26074.8	27851.8	29091.2	30027.9	30365.5	30473.9	30056.3	29504.6	28487.6	27550.3	26616.9
37.5°	21512.3	23165.6	24292.0	25132.6	25341.6	25360.4	24857.2	24247.8	23178.9	22254.8	21325.5
40°	16989.4	18383.6	19293.1	19965.9	20038.4	19973.7	19426.7	18813.4	17813.4	16985.5	16169.7
42.5°	12728.9	13781.4	14430.3	14891.3	14863.9	14736.1	14234.5	13707.3	12882.3	12251.7	11609.8
45°	9078.9	9772.9	10152.2	10422.0	10335.4	10213.6	9823.3	9453.7	8893.1	8485.8	8054.4
47.5°	6307.2	7135.9	6991.6	7519.2	7064.7	7364.8	6739.7	6395.1	6097.5	5881.2	5637.4
50°	4515.4	4705.3	4797.0	4859.6	4826.4	4780.3	4668.0	4567.6	4431.7	4332.6	4217.2
52.5°	3487.1	3582.1	3634.1	3671.7	3664.3	3647.5	3598.6	3553.9	3490.1	3448.3	3397.7
55°	2953.8	2955.2	3050.9	3009.8	3070.4	2999.3	3027.3	2948.7	2961.3	2893.8	2848.4
57.5°	2454.5	2493.4	2510.9	2527.8	2523.1	2520.1	2501.2	2491.6	2470.3	2463.6	2448.5
60°	2159.1	2179.4	2183.6	2191.4	2184.9	2182.4	2167.6	2162.3	2147.9	2145.3	2135.1
62.5°	1956.5	1966.9	1966.9	1966.9	1958.4	1950.2	1933.8	1925.2	1912.9	1910.3	1904.5
65°	1787.5	1798.2	1799.9	1802.3	1796.1	1789.7	1775.3	1765.8	1753.3	1748.5	1741.8
67.5°	1613.0	1624.4	1628.3	1634.1	1630.6	1629.4	1619.5	1615.8	1607.5	1605.5	1599.4
70°	1475.9	1480.7	1480.3	1480.1	1472.4	1465.5	1454.0	1448.5	1439.9	1438.1	1432.4
72.5°	1394.4	1397.7	1395.6	1392.6	1382.6	1372.3	1358.9	1348.9	1337.7	1330.6	1322.7
75°	1279.6	1284.1	1281.3	1279.3	1270.3	1263.6	1252.8	1247.3	1239.4	1237.0	1231.5
77.5°	1138.8	1140.9	1136.2	1135.8	1128.9	1124.6	1116.5	1115.1	1109.2	1109.4	1104.1
80°	982.0	980.7	973.3	971.9	965.0	963.2	956.8	957.2	952.6	954.6	950.8
82.5°	807.9	803.5	793.9	791.0	783.0	782.3	778.1	781.7	778.8	783.0	780.5
85°	579.0	580.2	576.0	576.0	573.7	574.5	574.1	576.7	577.1	581.0	580.8
87.5°	322.8	327.5	326.5	330.8	330.6	335.4	337.0	344.1	344.9	351.5	351.5
90°	135.7	141.1	137.3	142.8	141.4	148.1	147.9	154.6	153.4	159.1	156.6
92.5°	89.3	83.5	77.8	71.9	69.0	65.8	63.4	59.9	57.4	54.1	51.1
95°	112.0	102.2	92.3	82.5	79.2	75.6	72.3	68.9	65.7	62.3	59.0
97.5°	126.5	114.9	103.3	91.7	88.8	85.9	82.8	79.9	77.0	74.1	71.2
100°	171.9	150.3	128.8	107.0	104.5	102.0	99.6	97.2	94.7	92.0	89.6
102.5°	355.2	309.2	263.3	217.4	208.7	199.9	191.3	182.4	173.7	165.0	156.3
105°	669.9	595.3	521.0	446.4	422.8	399.1	375.5	351.8	328.1	304.5	280.9
107.5°	1017.1	941.4	866.1	790.4	746.9	703.2	659.4	615.5	572.0	528.1	484.4
110°	1212.4	1157.4	1102.2	1046.9	1012.0	976.8	941.5	906.3	871.3	835.9	800.6



TEST NUMBER: P1444856
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1245.9	1206.5	1167.1	1127.4	1111.7	1095.6	1080.0	1063.9	1048.0	1031.8	1016.0
115°	1170.1	1143.7	1117.1	1090.3	1085.0	1079.3	1073.9	1068.1	1062.6	1056.9	1051.1
117.5°	1048.5	1033.6	1018.7	1003.8	1004.9	1005.9	1007.1	1007.9	1008.8	1009.4	1010.4
120°	922.5	916.2	910.2	903.8	909.0	913.9	919.0	923.6	928.4	932.9	937.5
122.5°	819.7	817.1	815.2	812.5	818.8	824.8	830.7	836.6	842.4	847.7	853.2
125°	739.5	738.4	737.5	736.2	742.5	748.7	754.6	760.4	766.3	771.7	777.2
127.5°	686.6	686.5	686.6	686.4	691.2	695.4	699.8	703.7	708.1	711.6	715.2
130°	650.3	649.8	649.6	649.2	653.4	657.3	661.6	665.0	668.8	671.9	675.3
132.5°	627.7	627.1	626.7	626.0	629.3	632.1	635.3	637.5	640.3	642.3	644.5
135°	609.4	608.5	607.9	606.9	609.9	612.7	615.4	617.8	620.3	622.1	624.1
137.5°	594.4	593.4	592.7	591.7	594.5	597.0	599.3	601.5	603.6	605.6	607.1
140°	581.6	580.2	579.5	578.1	580.5	582.7	585.0	586.8	588.9	590.2	591.7
142.5°	569.3	567.4	566.2	564.1	566.0	567.6	569.1	570.5	572.0	573.0	573.9
145°	561.8	559.5	557.7	555.4	556.8	558.0	559.5	560.7	561.5	562.2	563.1
147.5°	555.2	552.8	550.7	548.6	550.0	550.7	551.4	552.1	553.1	553.6	554.0
150°	548.4	545.9	543.5	541.2	542.0	542.7	543.2	544.1	544.6	545.0	545.4
152.5°	540.4	538.1	535.8	533.4	533.9	534.4	534.8	535.1	535.6	535.9	536.1
155°	536.3	534.2	532.2	530.0	530.7	530.9	531.1	531.4	531.5	531.6	531.7
157.5°	536.2	534.4	533.1	531.2	531.2	531.3	531.3	530.9	530.9	530.7	530.3
160°	536.8	535.3	533.9	532.4	532.3	532.2	532.2	531.7	531.6	531.1	530.8
162.5°	538.3	536.8	535.0	533.3	533.2	533.3	533.1	532.6	532.4	532.1	531.7
165°	541.8	540.4	539.3	537.9	537.7	537.4	537.2	536.4	536.2	535.4	534.9
167.5°	545.6	544.5	543.1	541.7	541.7	541.8	541.7	541.4	541.2	540.7	540.6
170°	549.7	548.6	547.7	546.6	546.3	546.1	545.8	545.4	544.8	544.5	544.0
172.5°	552.8	551.9	550.9	549.7	549.7	549.5	549.1	548.9	548.4	548.0	547.9
175°	552.3	551.6	550.6	550.0	549.8	549.6	549.5	549.3	548.9	548.7	548.4
177.5°	554.8	554.4	553.7	553.2	553.0	553.0	552.8	552.7	552.7	552.5	552.3
180°	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3



TEST NUMBER: P1444856
CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	47704.3	47704.3
2.5°	47889.0	47886.5
5°	48067.0	48064.2
7.5°	48202.4	48201.6
10°	48218.3	48226.6
12.5°	48122.2	48128.9
15°	47841.3	47854.3
17.5°	47304.1	47321.3
20°	46378.8	46396.6
22.5°	44880.3	44887.7
25°	42701.6	42670.7
27.5°	39731.3	39678.1
30°	35955.5	35904.0
32.5°	31453.8	31421.5
35°	26386.2	26365.8
37.5°	21050.9	21009.5
40°	15871.5	15750.9
42.5°	11328.6	11117.0
45°	7829.1	7578.3
47.5°	5465.5	5310.5
50°	4142.7	4092.7
52.5°	3375.6	3363.9
55°	2848.2	2843.1
57.5°	2451.8	2450.0
60°	2140.5	2140.0
62.5°	1908.4	1909.2
65°	1744.8	1745.2
67.5°	1600.9	1599.8
70°	1434.5	1433.3
72.5°	1320.0	1318.0
75°	1231.5	1230.3
77.5°	1105.7	1103.7
80°	953.3	950.8
82.5°	784.1	781.3
85°	584.9	585.0
87.5°	357.8	357.7
90°	161.8	158.5
92.5°	48.6	46.0
95°	55.6	52.3
97.5°	68.3	65.4
100°	87.1	84.7
102.5°	147.6	138.9
105°	257.2	233.6
107.5°	440.7	397.0
110°	765.3	730.1



TEST NUMBER: P1444856
CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL40

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	999.7	983.6
115°	1044.8	1039.1
117.5°	1010.8	1011.3
120°	941.6	946.1
122.5°	858.2	863.4
125°	782.2	787.3
127.5°	718.6	721.7
130°	677.7	680.7
132.5°	646.1	647.6
135°	625.3	626.7
137.5°	608.1	609.3
140°	592.5	593.5
142.5°	574.6	575.2
145°	563.6	563.8
147.5°	553.7	554.0
150°	545.3	545.4
152.5°	535.8	535.9
155°	531.4	531.3
157.5°	529.6	529.4
160°	530.2	529.8
162.5°	531.1	530.8
165°	534.0	533.3
167.5°	540.0	539.8
170°	543.4	543.1
172.5°	547.3	547.0
175°	548.2	548.0
177.5°	552.3	551.9
180°	555.3	555.3

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-7

Test Date: 08/04/2025

Luminaire Tested: EHBR-60-L940-N

Data in this report applies to families of products including EHBR-60-L940-N

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-472-7
 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-L940-N**
 Description: Elevate Round Highbay at, 60000 lumens, 4000K 90CRI LEDs with N lens

Spectral Parameters

CCT (K): 3963
 CIE u': 0.2267
 CIE v': 0.5003
 Duv: -0.0016
 CIE x: 0.3810
 CIE y: 0.3738
 CIE z: 0.2453
 Peak Wavelength (nm): 630
 Dominant Wavelength (nm): 580
 Purity: 26.49712
 Rf: 90.7
 Rg: 101

CRI (Ra):	93.4		
R1:	95.2	R9:	66.4
R2:	95.1	R10:	86.6
R3:	93.3	R11:	94.4
R4:	94.5	R12:	75.4
R5:	94.2	R13:	95.0
R6:	92.9	R14:	95.4
R7:	94.0	R15:	92.8
R8:	87.7		



Test Conditions

Stabilization Time: 44M
 Operation Time: 1H 44M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2506-472-7

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: SP1-2506-472-7

CIE 1931 Chromaticity Diagram



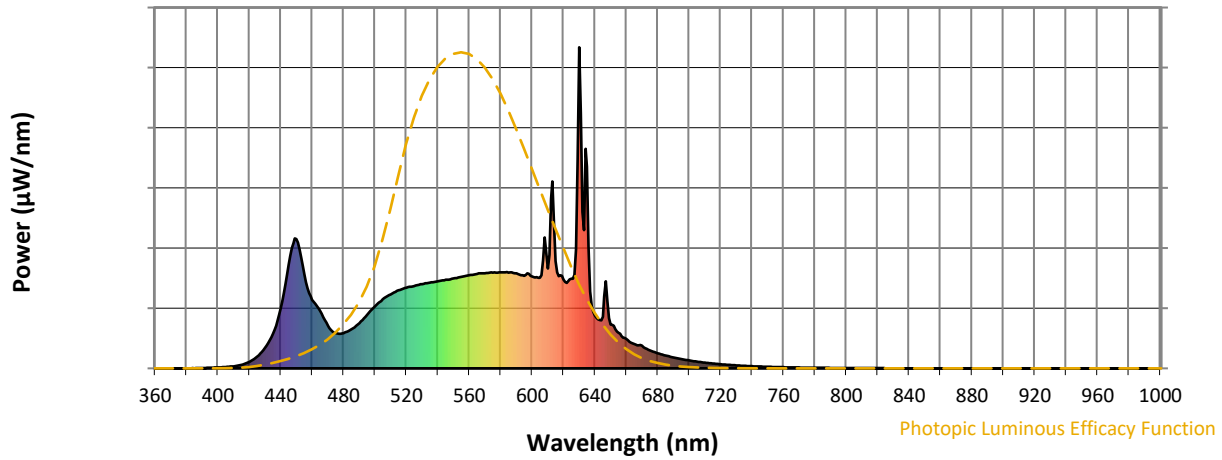
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-7

Photopic Flux vs. Wavelength

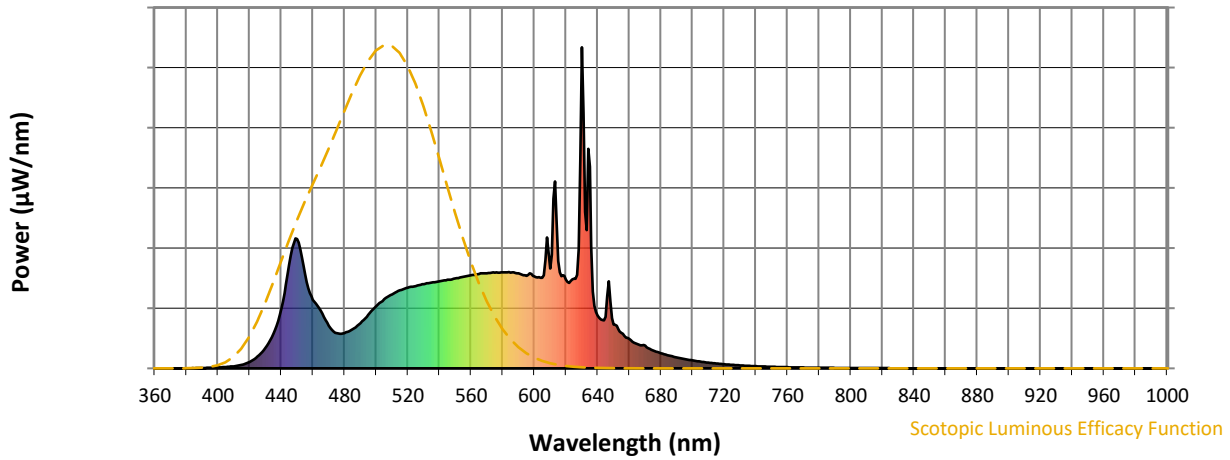


Photopic Lumens: NR

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	141	NR	620	276	NR	750	5	NR	880	0	NR
365	0	NR	495	167	NR	625	279	NR	755	4	NR	885	0	NR
370	0	NR	500	193	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	215	NR	635	628	NR	765	3	NR	895	0	NR
380	0	NR	510	230	NR	640	164	NR	770	3	NR	900	0	NR
385	0	NR	515	243	NR	645	161	NR	775	2	NR	905	0	NR
390	1	NR	520	251	NR	650	137	NR	780	2	NR	910	0	NR
395	2	NR	525	256	NR	655	111	NR	785	2	NR	915	0	NR
400	3	NR	530	262	NR	660	92	NR	790	1	NR	920	0	NR
405	4	NR	535	267	NR	665	76	NR	795	1	NR	925	0	NR
410	6	NR	540	271	NR	670	71	NR	800	1	NR	930	0	NR
415	11	NR	545	276	NR	675	56	NR	805	1	NR	935	0	NR
420	20	NR	550	280	NR	680	47	NR	810	1	NR	940	0	NR
425	37	NR	555	285	NR	685	40	NR	815	1	NR	945	0	NR
430	63	NR	560	290	NR	690	34	NR	820	1	NR	950	0	NR
435	108	NR	565	294	NR	695	29	NR	825	1	NR	955	0	NR
440	186	NR	570	296	NR	700	25	NR	830	0	NR	960	0	NR
445	323	NR	575	298	NR	705	21	NR	835	0	NR	965	0	NR
450	403	NR	580	299	NR	710	18	NR	840	0	NR	970	0	NR
455	293	NR	585	298	NR	715	15	NR	845	0	NR	975	0	NR
460	214	NR	590	296	NR	720	13	NR	850	0	NR	980	0	NR
465	180	NR	595	288	NR	725	11	NR	855	0	NR	985	0	NR
470	132	NR	600	286	NR	730	9	NR	860	0	NR	990	0	NR
475	109	NR	605	282	NR	735	8	NR	865	0	NR	995	0	NR
480	110	NR	610	311	NR	740	7	NR	870	0	NR	1000	0	NR
485	121	NR	615	334	NR	745	6	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-7

Scotopic Flux vs. Wavelength



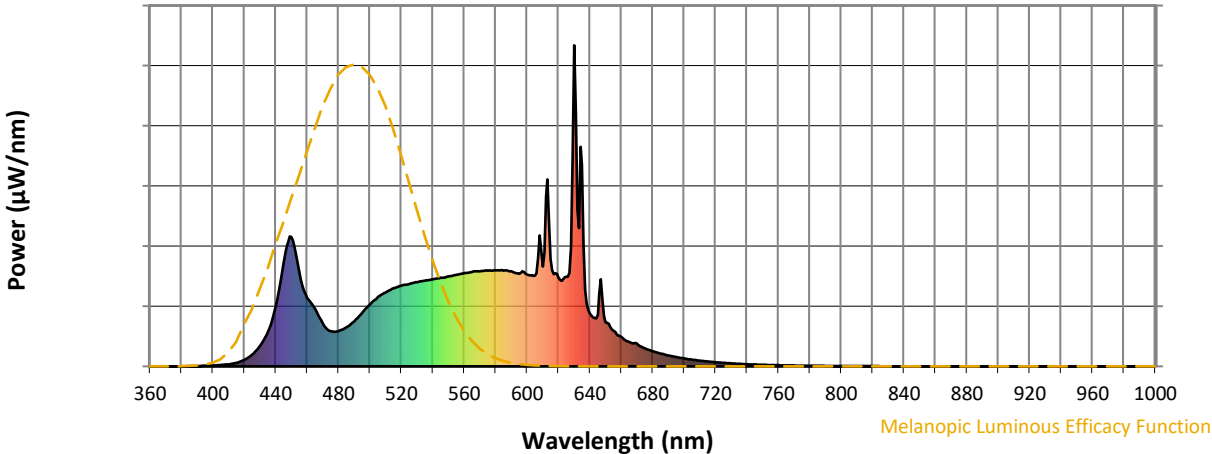
Scotopic Lumens: NR

S/P: 1.76

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	141	NR	620	276	NR	750	5	NR	880	0	NR
365	0	NR	495	167	NR	625	279	NR	755	4	NR	885	0	NR
370	0	NR	500	193	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	215	NR	635	628	NR	765	3	NR	895	0	NR
380	0	NR	510	230	NR	640	164	NR	770	3	NR	900	0	NR
385	0	NR	515	243	NR	645	161	NR	775	2	NR	905	0	NR
390	1	NR	520	251	NR	650	137	NR	780	2	NR	910	0	NR
395	2	NR	525	256	NR	655	111	NR	785	2	NR	915	0	NR
400	3	NR	530	262	NR	660	92	NR	790	1	NR	920	0	NR
405	4	NR	535	267	NR	665	76	NR	795	1	NR	925	0	NR
410	6	NR	540	271	NR	670	71	NR	800	1	NR	930	0	NR
415	11	NR	545	276	NR	675	56	NR	805	1	NR	935	0	NR
420	20	NR	550	280	NR	680	47	NR	810	1	NR	940	0	NR
425	37	NR	555	285	NR	685	40	NR	815	1	NR	945	0	NR
430	63	NR	560	290	NR	690	34	NR	820	1	NR	950	0	NR
435	108	NR	565	294	NR	695	29	NR	825	1	NR	955	0	NR
440	186	NR	570	296	NR	700	25	NR	830	0	NR	960	0	NR
445	323	NR	575	298	NR	705	21	NR	835	0	NR	965	0	NR
450	403	NR	580	299	NR	710	18	NR	840	0	NR	970	0	NR
455	293	NR	585	298	NR	715	15	NR	845	0	NR	975	0	NR
460	214	NR	590	296	NR	720	13	NR	850	0	NR	980	0	NR
465	180	NR	595	288	NR	725	11	NR	855	0	NR	985	0	NR
470	132	NR	600	286	NR	730	9	NR	860	0	NR	990	0	NR
475	109	NR	605	282	NR	735	8	NR	865	0	NR	995	0	NR
480	110	NR	610	311	NR	740	7	NR	870	0	NR	1000	0	NR
485	121	NR	615	334	NR	745	6	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-7

Melanopic Flux vs. Wavelength



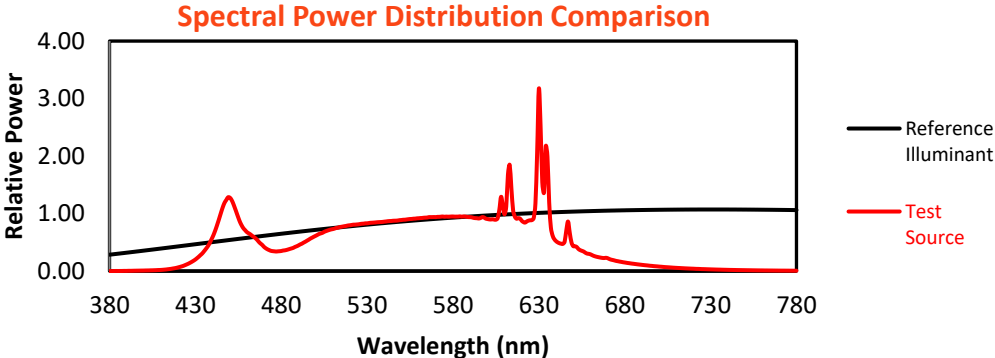
Melanopic Lumens: NR

M/P: 3.64

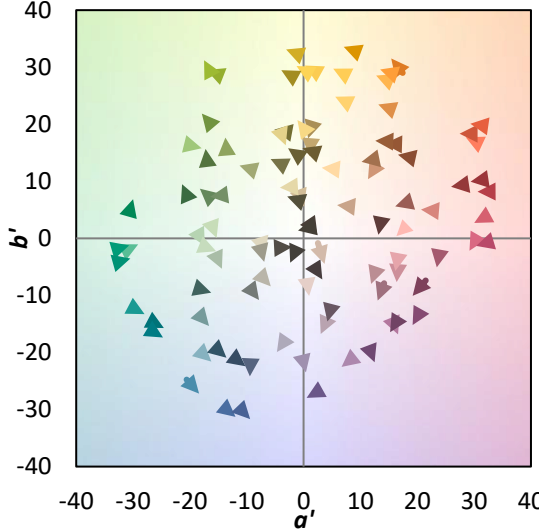
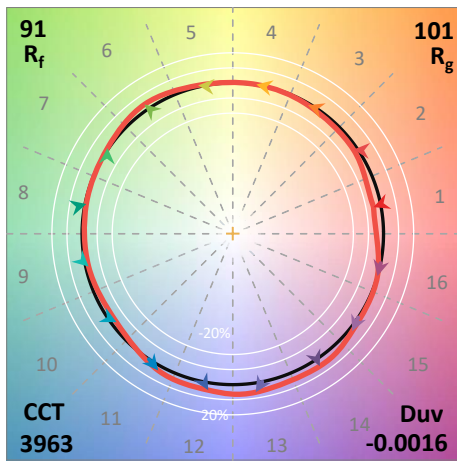
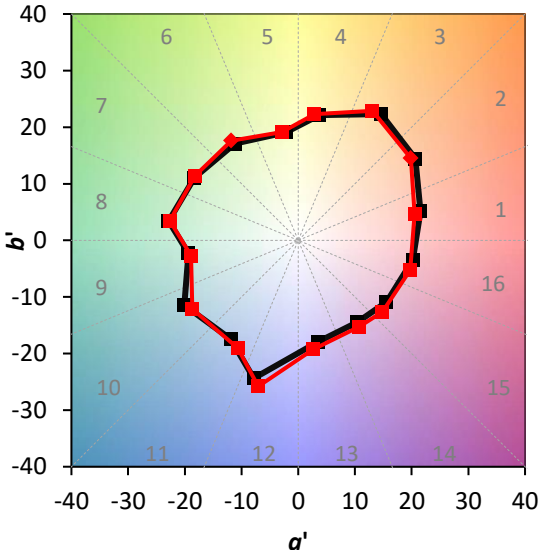
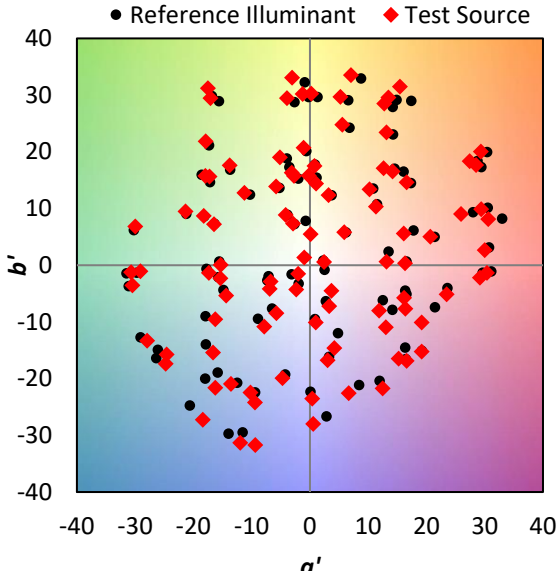
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	141	NR	620	276	NR	750	5	NR	880	0	NR
365	0	NR	495	167	NR	625	279	NR	755	4	NR	885	0	NR
370	0	NR	500	193	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	215	NR	635	628	NR	765	3	NR	895	0	NR
380	0	NR	510	230	NR	640	164	NR	770	3	NR	900	0	NR
385	0	NR	515	243	NR	645	161	NR	775	2	NR	905	0	NR
390	1	NR	520	251	NR	650	137	NR	780	2	NR	910	0	NR
395	2	NR	525	256	NR	655	111	NR	785	2	NR	915	0	NR
400	3	NR	530	262	NR	660	92	NR	790	1	NR	920	0	NR
405	4	NR	535	267	NR	665	76	NR	795	1	NR	925	0	NR
410	6	NR	540	271	NR	670	71	NR	800	1	NR	930	0	NR
415	11	NR	545	276	NR	675	56	NR	805	1	NR	935	0	NR
420	20	NR	550	280	NR	680	47	NR	810	1	NR	940	0	NR
425	37	NR	555	285	NR	685	40	NR	815	1	NR	945	0	NR
430	63	NR	560	290	NR	690	34	NR	820	1	NR	950	0	NR
435	108	NR	565	294	NR	695	29	NR	825	1	NR	955	0	NR
440	186	NR	570	296	NR	700	25	NR	830	0	NR	960	0	NR
445	323	NR	575	298	NR	705	21	NR	835	0	NR	965	0	NR
450	403	NR	580	299	NR	710	18	NR	840	0	NR	970	0	NR
455	293	NR	585	298	NR	715	15	NR	845	0	NR	975	0	NR
460	214	NR	590	296	NR	720	13	NR	850	0	NR	980	0	NR
465	180	NR	595	288	NR	725	11	NR	855	0	NR	985	0	NR
470	132	NR	600	286	NR	730	9	NR	860	0	NR	990	0	NR
475	109	NR	605	282	NR	735	8	NR	865	0	NR	995	0	NR
480	110	NR	610	311	NR	740	7	NR	870	0	NR	1000	0	NR
485	121	NR	615	334	NR	745	6	NR	875	0	NR			

Summary

$R_f = 90.7$
 $R_g = 101$
 $CIE R_a = 93.4$
 $R_9 = 66.4$

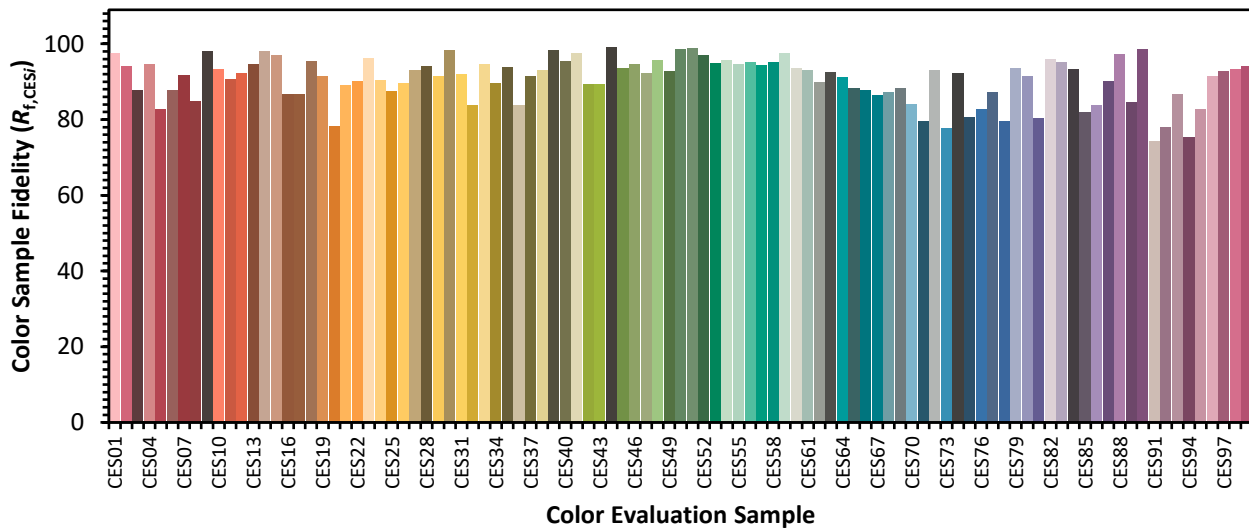


Color Vector Graphics

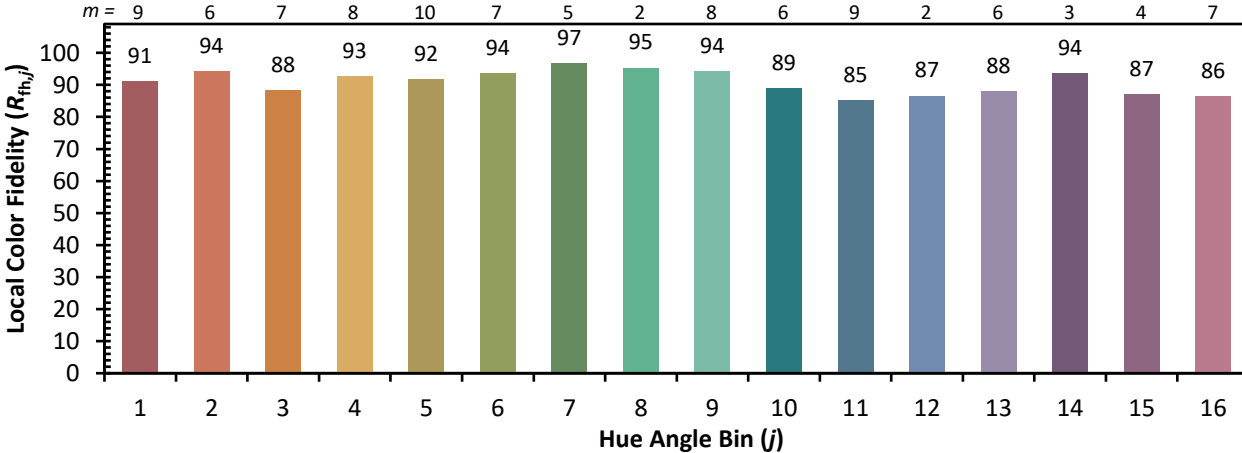


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 90	CES51 = 99	CES76 = 83
CES02 = 62	CES27 = 93	CES52 = 97	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 95	CES78 = 79
CES04 = 69	CES29 = 91	CES54 = 96	CES79 = 94
CES05 = 49	CES30 = 98	CES55 = 95	CES80 = 91
CES06 = 50	CES31 = 92	CES56 = 95	CES81 = 80
CES07 = 42	CES32 = 84	CES57 = 94	CES82 = 96
CES08 = 41	CES33 = 95	CES58 = 95	CES83 = 95
CES09 = 29	CES34 = 90	CES59 = 98	CES84 = 93
CES10 = 74	CES35 = 94	CES60 = 93	CES85 = 82
CES11 = 57	CES36 = 84	CES61 = 93	CES86 = 84
CES12 = 63	CES37 = 92	CES62 = 90	CES87 = 90
CES13 = 43	CES38 = 93	CES63 = 92	CES88 = 97
CES14 = 74	CES39 = 98	CES64 = 91	CES89 = 84
CES15 = 71	CES40 = 96	CES65 = 88	CES90 = 99
CES16 = 47	CES41 = 98	CES66 = 88	CES91 = 74
CES17 = 49	CES42 = 89	CES67 = 87	CES92 = 78
CES18 = 56	CES43 = 89	CES68 = 87	CES93 = 87
CES19 = 71	CES44 = 99	CES69 = 88	CES94 = 75
CES20 = 66	CES45 = 93	CES70 = 84	CES95 = 83
CES21 = 85	CES46 = 95	CES71 = 80	CES96 = 91
CES22 = 78	CES47 = 92	CES72 = 93	CES97 = 93
CES23 = 91	CES48 = 96	CES73 = 78	CES98 = 93
CES24 = 90	CES49 = 93	CES74 = 92	CES99 = 94
CES25 = 71	CES50 = 99	CES75 = 81	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)