

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: P1444855

Luminaire Tested: EHBR1-60-UNV-TA-L940-UPL36

Issue Date: 5/1/2026

**Test Information**

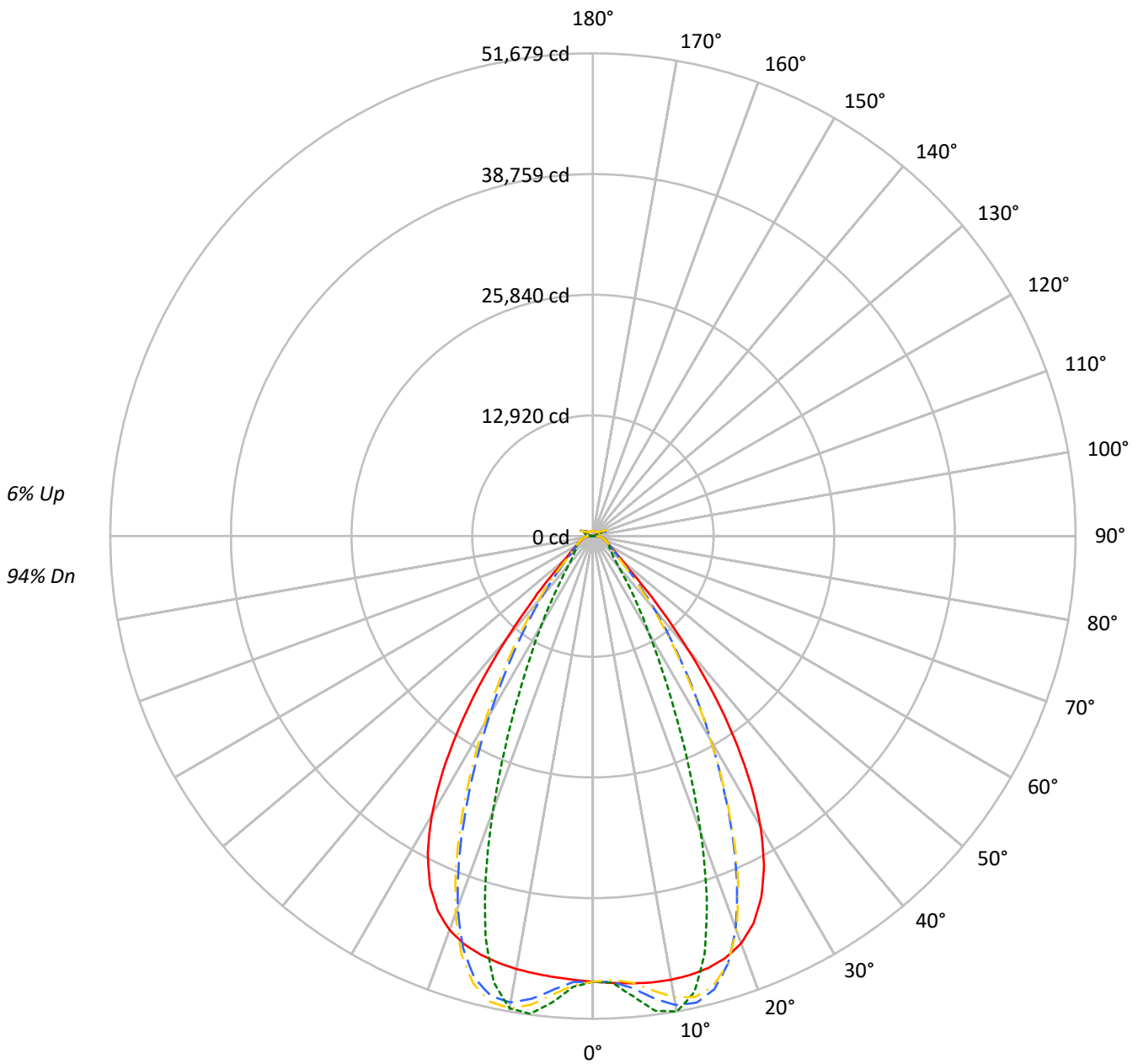
Test Method: LM-79-2019  
Report Number: P1444855  
REPORT IS A COMBINATION OF REPORTS P1444353 AND P1431635  
Test Lab: INNOVATION CENTER  
Issue Date: 5/1/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: EHBR1-60-UNV-TA-L940-UPL36  
Description: Elevate Round Highbay at, 60000 lumens, 4000K 90CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 58660.1 lumens  
Efficiency: N/A  
Efficacy: 163.5 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): 358.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P1444855  
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### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - · - · 90°-270°    - · - · 135°-315°



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	118	118	118	118	114	114	114	114	108	108	108	102	102	102	96	96	96	96	96	96	94
1	110	107	104	101	107	104	101	99	99	97	95	94	92	91	89	88	87	87	87	87	85
2	104	98	93	89	101	95	91	87	91	87	84	87	84	81	83	81	79	79	79	79	77
3	97	90	84	79	95	88	82	78	84	80	76	81	77	74	78	75	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	77	70	65	84	75	69	64	73	67	63	70	66	62	68	64	61	61	61	61	59
6	81	71	64	59	79	70	64	59	68	62	58	66	61	57	64	60	56	56	56	56	55
7	77	66	60	55	75	65	59	54	63	58	54	62	57	53	60	56	52	52	52	52	51
8	73	62	55	51	71	61	55	51	59	54	50	58	53	49	56	52	49	49	49	49	47
9	69	58	52	47	67	57	51	47	56	50	47	55	50	46	53	49	46	46	46	46	44
10	65	55	48	44	64	54	48	44	53	47	44	52	47	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	25.7
30°-40°	10826.4	18.5
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°	608.5	1.0
90°-100°	109.8	0.2
100°-110°	612.1	1.0
110°-120°	1130.3	1.9
120°-130°	696.5	1.2
130°-140°	454.3	0.8
140°-150°	342.2	0.6
150°-160°	241.8	0.4
160°-170°	147.5	0.3
170°-180°	50.8	0.1
0°-30°	32989.5	56.2
0°-40°	43815.9	74.7
0°-60°	51198.4	87.3
0°-90°	54874.9	93.5
90°-120°	1852.2	3.2
90°-150°	3345.2	5.7
90°-180°	3785.0	6.5
0°-180°	58660.1	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°	157	200	44	55	157	98
95°	50	55	50	56	50	48
105°	222	285	150	286	222	294
115°	988	1193	1035	1194	988	913
125°	750	779	848	781	750	683
135°	600	525	645	530	600	468
145°	542	519	575	527	542	342
155°	512	510	544	516	512	238
165°	515	512	534	516	515	146
175°	530	534	539	536	530	51
180°	537	537	537	537	537	



TEST NUMBER: P1444855  
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**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°	157.2	165.7	168.9	179.0	181.9	190.8	193.1	203.3	206.4	216.7	221.3
92.5°	44.2	47.0	49.5	52.8	55.5	59.4	62.6	65.8	68.7	72.3	78.0
95°	50.0	53.2	56.4	59.5	62.7	66.0	69.1	72.3	75.5	78.6	87.8
97.5°	62.6	65.4	68.1	70.9	73.6	76.4	79.1	81.9	84.6	87.2	98.2
100°	81.0	83.3	85.6	87.9	90.3	92.6	94.9	97.3	99.6	101.9	122.2
102.5°	132.5	140.8	149.0	157.3	165.5	173.6	182.0	190.1	198.3	206.5	249.8
105°	222.4	244.7	267.3	289.6	312.0	334.5	356.9	379.0	401.4	423.7	494.4
107.5°	377.7	419.0	460.5	502.0	543.5	584.8	626.3	667.6	709.0	750.1	821.8
110°	694.1	727.1	760.6	793.9	827.1	860.7	893.9	926.8	960.2	993.4	1045.8



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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°	935.0	949.9	964.9	980.0	995.0	1009.8	1024.8	1039.7	1054.7	1069.4	1106.9
115°	987.9	993.0	998.4	1003.4	1008.7	1013.7	1018.8	1023.8	1029.0	1033.8	1059.0
117.5°	961.8	960.7	959.7	958.8	957.4	956.2	955.0	953.7	952.4	951.0	965.1
120°	900.3	895.5	890.8	885.7	881.0	875.8	871.0	866.0	860.7	855.5	861.5
122.5°	822.2	816.4	810.9	804.8	799.0	792.9	787.1	780.6	774.8	768.7	770.7
125°	750.4	744.4	739.1	732.8	726.8	720.5	714.5	708.1	702.0	695.5	696.4
127.5°	688.7	684.6	680.5	675.8	671.3	666.8	662.0	657.3	652.8	647.7	647.7
130°	650.0	646.3	642.5	638.3	634.3	629.9	625.5	620.9	616.7	612.0	612.1
132.5°	619.2	616.7	613.8	610.7	607.5	603.9	600.6	596.9	593.5	590.0	590.1
135°	599.8	597.1	594.7	591.7	588.7	585.4	582.0	578.5	575.2	571.7	572.0
137.5°	583.7	581.3	578.9	576.0	573.3	570.0	567.1	563.6	560.6	557.1	557.4
140°	569.1	567.0	564.7	562.0	559.5	556.7	553.6	550.5	547.5	544.3	545.0
142.5°	552.2	550.2	548.6	546.3	544.2	541.5	539.1	536.3	533.8	531.0	532.2
145°	541.8	540.2	538.7	536.8	534.7	532.3	530.3	527.7	525.6	523.2	524.4
147.5°	532.6	531.3	530.2	528.5	527.0	524.9	523.0	520.8	519.0	517.0	518.3
150°	524.8	523.6	522.6	521.1	519.4	517.5	515.8	513.9	512.0	510.0	511.3
152.5°	516.0	514.7	513.8	512.3	510.8	508.8	507.6	505.5	503.9	502.0	503.1
155°	511.9	510.6	509.3	508.0	506.5	504.9	503.3	501.6	500.1	498.2	499.1
157.5°	510.4	509.1	508.2	506.7	505.8	504.4	503.1	501.6	500.4	499.1	499.5
160°	511.2	510.1	509.1	507.7	506.4	505.0	503.9	502.4	501.6	500.1	500.6
162.5°	512.4	511.2	510.0	508.8	507.7	506.2	505.0	504.0	502.8	501.4	502.1
165°	515.1	514.5	513.5	512.7	511.8	510.9	510.0	509.0	508.0	507.0	507.3
167.5°	521.6	520.6	519.8	518.7	517.6	516.7	515.6	514.5	513.7	512.5	512.8
170°	525.0	524.1	523.6	523.0	522.4	521.6	521.2	520.4	519.7	519.0	519.3
172.5°	528.9	528.2	527.9	527.5	526.8	526.5	525.9	525.4	525.0	524.3	525.0
175°	530.0	529.5	529.4	529.0	528.6	528.2	528.1	527.8	527.8	527.2	527.5
177.5°	533.8	533.6	533.6	533.5	533.5	533.4	533.2	532.8	532.6	532.6	532.9
180°	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1



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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	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°	232.5	238.0	248.9	250.5	258.3	258.8	210.7	206.5	200.9	202.1	194.6
92.5°	84.2	89.7	95.8	101.5	107.4	113.3	113.5	117.6	112.2	105.9	100.6
95°	97.1	106.4	115.7	125.0	134.3	143.7	153.0	162.3	153.6	144.8	136.0
97.5°	109.2	120.2	131.0	142.1	153.1	164.1	175.1	186.0	176.7	167.0	157.7
100°	142.8	163.3	183.7	204.2	224.6	245.1	265.7	286.2	268.2	249.9	231.8
102.5°	293.2	336.9	380.3	423.7	467.2	510.9	554.6	598.2	556.8	515.2	473.6
105°	564.9	635.5	706.0	776.2	846.8	917.3	988.4	1058.9	992.7	926.4	860.2
107.5°	893.4	964.9	1036.2	1107.5	1179.2	1250.6	1322.9	1394.5	1329.8	1264.9	1200.3
110°	1097.9	1149.8	1202.0	1254.0	1306.0	1358.2	1411.3	1463.5	1424.6	1385.6	1346.7



TEST NUMBER: P1444855  
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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	1143.8	1181.1	1218.3	1255.3	1292.2	1329.5	1368.1	1405.7	1385.9	1366.0	1346.5
115°	1083.8	1109.0	1133.7	1158.7	1183.6	1208.3	1235.2	1260.6	1254.1	1247.4	1241.0
117.5°	978.9	992.6	1006.5	1020.2	1033.8	1047.4	1063.8	1077.9	1078.5	1079.3	1080.1
120°	867.1	872.7	878.3	883.9	889.3	894.8	903.3	909.5	914.4	919.0	923.9
122.5°	772.5	774.4	776.2	778.0	779.8	781.5	786.7	789.4	792.5	795.5	798.8
125°	697.1	697.7	698.4	699.1	699.4	700.0	704.8	706.0	705.8	705.5	705.3
127.5°	647.3	647.1	646.8	646.7	646.0	645.7	649.7	650.2	647.5	644.9	642.0
130°	612.2	612.3	612.2	612.1	612.2	612.3	616.7	618.0	613.5	608.7	604.5
132.5°	590.2	590.5	590.4	590.9	591.0	591.1	596.2	597.5	592.6	587.3	582.2
135°	572.2	572.7	573.1	573.3	573.7	574.4	579.9	581.5	576.9	571.7	566.9
137.5°	557.6	558.0	558.3	559.0	559.4	559.8	566.2	567.8	564.1	559.7	556.0
140°	545.5	546.0	546.7	547.5	548.1	549.2	555.8	558.0	555.1	551.6	548.4
142.5°	532.9	534.3	535.4	536.8	537.9	539.5	547.3	550.0	547.6	545.0	542.7
145°	525.5	527.3	528.5	530.3	531.8	533.6	542.4	545.8	544.2	542.3	540.6
147.5°	519.0	520.5	521.8	523.3	524.7	526.8	536.1	539.2	538.4	537.1	536.0
150°	512.4	514.0	515.2	516.9	518.6	520.6	531.0	534.8	533.9	533.0	531.9
152.5°	504.2	505.4	506.7	508.2	509.6	511.4	524.0	528.1	527.4	526.2	525.5
155°	499.9	500.8	501.6	502.8	503.8	505.4	519.0	523.0	522.5	521.9	521.3
157.5°	499.9	500.4	500.9	501.5	502.3	503.1	517.3	521.6	520.9	520.4	519.9
160°	500.7	501.1	501.3	501.9	502.2	502.8	517.4	521.4	521.1	520.3	519.8
162.5°	502.4	503.5	503.8	504.4	505.0	506.0	520.7	525.2	524.3	523.6	522.7
165°	507.6	507.7	507.8	508.4	508.6	509.1	522.9	526.6	526.2	525.5	525.0
167.5°	513.1	513.5	513.7	514.3	514.6	515.3	528.2	531.8	531.4	530.8	530.4
170°	519.5	520.0	520.0	520.6	521.2	521.8	532.5	535.5	535.1	534.2	533.6
172.5°	525.3	525.9	526.4	527.0	527.5	528.1	537.3	540.1	539.7	539.1	538.4
175°	528.0	528.2	528.7	529.4	529.8	530.2	537.4	539.4	539.2	539.0	538.6
177.5°	533.3	533.6	533.9	534.4	534.8	535.2	539.5	540.8	540.6	540.6	540.5
180°	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1



TEST NUMBER: P1444855  
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**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°	193.7	186.5	188.8	185.4	190.3	187.2	191.7	187.9	193.8	193.4	201.2
92.5°	94.1	88.6	82.3	76.7	70.4	65.1	61.7	59.4	56.2	54.1	50.7
95°	127.4	118.7	110.0	101.3	92.6	83.9	80.8	77.6	74.4	71.3	68.0
97.5°	148.4	139.1	129.8	120.3	111.0	101.6	99.5	97.5	95.3	93.2	91.1
100°	213.7	195.7	177.8	159.5	141.5	123.5	121.9	120.2	118.5	116.8	115.1
102.5°	432.4	390.9	349.6	308.1	266.8	225.4	218.2	211.0	203.8	196.6	189.4
105°	793.8	727.5	661.3	595.0	529.0	462.8	443.2	423.1	403.4	383.7	364.0
107.5°	1135.6	1070.9	1006.5	941.9	877.3	812.8	781.5	750.3	718.9	687.7	656.5
110°	1307.4	1268.5	1229.9	1190.7	1152.1	1113.3	1083.3	1053.7	1023.6	993.9	964.3



TEST NUMBER: P1444855  
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**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	1326.8	1307.2	1287.4	1268.1	1248.7	1229.0	1214.4	1199.9	1185.3	1170.8	1156.0
115°	1234.3	1228.0	1221.5	1215.2	1209.0	1202.6	1201.4	1200.3	1199.0	1198.0	1197.0
117.5°	1080.8	1081.6	1082.2	1083.3	1084.2	1085.2	1092.7	1100.1	1107.7	1115.6	1123.6
120°	928.7	933.4	938.2	943.2	948.0	953.2	963.0	973.3	983.4	994.1	1004.4
122.5°	801.9	804.9	808.0	811.5	814.6	818.0	827.8	837.8	847.8	858.0	868.5
125°	704.5	704.2	703.9	703.3	703.0	702.9	710.8	718.9	727.1	735.7	743.8
127.5°	639.1	636.1	633.1	630.4	627.5	624.9	629.2	633.9	638.4	643.2	648.1
130°	599.7	595.1	590.2	585.9	581.0	576.6	578.0	579.5	581.0	582.7	584.3
132.5°	576.8	571.7	566.3	560.9	555.5	550.3	549.6	549.0	548.3	548.1	547.9
135°	561.8	556.9	551.6	546.7	541.3	536.5	534.8	533.0	531.3	529.8	528.4
137.5°	551.9	547.7	543.6	539.6	535.1	531.1	528.5	526.7	524.3	522.8	520.8
140°	544.8	541.8	538.0	534.8	531.2	528.1	525.8	524.2	522.2	520.8	519.0
142.5°	539.9	537.3	534.7	532.2	529.5	526.9	524.9	523.3	521.4	520.0	518.3
145°	538.8	537.1	535.1	533.4	531.5	529.7	528.0	526.7	525.3	524.0	522.8
147.5°	534.8	533.5	532.2	530.9	529.5	528.2	526.9	526.3	524.9	524.1	523.1
150°	530.6	529.5	528.2	527.3	525.8	524.8	524.0	523.2	522.5	522.1	521.3
152.5°	524.2	523.3	522.2	521.3	520.0	518.9	518.2	517.7	517.1	516.5	515.8
155°	520.3	519.7	518.7	518.0	517.0	516.4	515.6	514.6	514.0	513.2	512.4
157.5°	519.1	518.5	517.5	517.1	515.9	515.3	514.5	513.8	513.0	512.4	511.6
160°	519.1	518.6	517.7	517.0	516.3	515.6	514.5	513.8	512.6	511.9	510.8
162.5°	521.9	521.0	520.2	519.3	518.2	517.5	516.6	515.9	515.2	514.5	513.6
165°	524.2	523.6	522.8	522.2	521.6	520.9	519.9	519.1	518.0	517.2	516.2
167.5°	529.6	529.2	528.4	527.9	527.0	526.3	525.5	524.6	523.7	522.8	521.6
170°	533.1	532.2	531.6	530.7	529.9	529.0	528.3	527.3	526.4	525.9	524.7
172.5°	537.8	537.5	536.7	536.1	535.2	534.7	534.1	533.4	532.6	531.9	531.2
175°	538.4	538.2	538.0	537.5	537.3	537.0	536.6	536.4	536.1	535.9	535.4
177.5°	540.5	540.4	540.4	540.0	539.8	539.8	539.4	539.2	538.8	538.4	538.2
180°	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1



TEST NUMBER: P1444855  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL36

**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°	199.1	204.2	198.6	199.5	195.0	197.2	188.7	187.1	174.3	170.6	159.4
92.5°	48.4	45.0	42.5	39.5	43.1	45.2	48.6	50.7	53.9	56.2	59.4
95°	64.8	61.7	58.5	55.3	57.9	60.5	63.0	65.5	68.1	70.6	73.1
97.5°	89.0	86.8	84.8	82.6	84.1	85.6	87.1	88.6	90.0	91.5	93.2
100°	113.4	111.7	110.0	108.4	108.4	108.4	108.4	108.4	108.4	108.4	108.4
102.5°	182.2	175.0	167.8	160.6	165.5	170.3	175.2	180.1	184.9	189.8	194.9
105°	344.2	324.6	304.8	285.2	304.3	323.3	342.4	361.4	380.5	399.9	419.0
107.5°	625.2	594.1	563.0	531.9	566.8	601.5	636.2	671.0	705.6	740.4	775.5
110°	934.6	904.9	875.3	845.7	882.5	919.3	956.1	993.0	1029.9	1066.8	1104.0



TEST NUMBER: P1444855  
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**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	1141.6	1127.2	1112.9	1098.4	1122.2	1145.8	1169.6	1193.6	1217.4	1241.2	1265.0
115°	1196.0	1195.1	1194.3	1193.4	1204.6	1215.9	1227.1	1238.5	1249.9	1261.2	1272.6
117.5°	1131.2	1139.0	1147.1	1155.1	1158.8	1162.3	1166.1	1169.8	1173.7	1177.4	1181.4
120°	1015.0	1025.4	1036.2	1047.0	1045.5	1044.0	1042.6	1041.1	1040.3	1039.0	1038.2
122.5°	878.9	889.4	900.2	910.9	907.7	904.5	901.6	898.6	895.8	893.0	890.4
125°	752.8	761.3	770.3	779.2	776.1	772.9	769.9	767.2	764.4	761.6	759.3
127.5°	653.4	658.8	664.0	669.5	668.0	666.5	665.6	664.3	663.3	662.6	661.9
130°	586.4	588.6	591.1	593.5	593.8	594.3	595.1	596.0	597.1	598.0	599.5
132.5°	548.3	548.2	548.6	549.0	550.7	552.4	554.6	556.7	559.3	561.4	564.6
135°	527.6	526.6	525.8	525.4	527.9	530.2	533.1	536.0	539.4	542.8	546.5
137.5°	519.4	517.9	517.0	515.6	518.1	520.6	523.6	526.5	529.6	533.1	536.9
140°	517.8	516.4	515.8	514.5	517.1	519.5	522.4	525.3	528.5	532.0	535.5
142.5°	517.2	515.7	515.0	514.2	516.1	518.5	521.3	523.9	526.8	529.7	533.1
145°	521.7	520.7	520.0	519.3	520.8	522.5	524.4	526.5	528.7	530.8	533.6
147.5°	522.4	521.7	521.3	520.8	522.1	523.1	524.6	525.9	527.7	529.4	531.3
150°	521.1	520.4	520.1	520.0	520.6	521.3	522.3	522.9	524.2	525.3	526.8
152.5°	515.6	514.9	515.0	514.6	515.1	515.8	516.6	517.3	518.3	519.1	520.5
155°	512.0	511.5	511.0	510.4	510.5	510.5	511.0	511.0	511.7	511.8	512.5
157.5°	511.2	510.4	510.2	509.4	509.2	509.0	509.1	508.9	509.1	508.8	509.0
160°	510.3	509.1	508.4	507.7	507.8	507.5	507.7	507.5	507.7	507.7	508.0
162.5°	513.1	512.4	511.8	511.1	510.7	510.1	509.7	509.0	508.7	508.3	508.1
165°	515.3	514.3	513.6	512.5	512.3	512.0	511.8	511.4	511.2	510.9	511.0
167.5°	521.1	520.0	519.2	518.4	517.8	516.9	516.4	515.8	515.2	514.6	514.4
170°	524.1	523.3	522.7	521.9	521.6	521.1	520.9	520.3	520.1	520.0	520.0
172.5°	530.8	530.0	529.4	528.8	528.5	528.1	528.0	527.8	527.4	527.4	527.2
175°	535.2	534.9	534.7	534.3	533.9	533.7	533.3	533.1	532.9	532.5	532.2
177.5°	537.7	537.3	537.1	536.9	536.7	536.7	536.7	536.7	536.7	536.5	536.3
180°	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1



TEST NUMBER: P1444855  
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**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°	158.2	148.3	148.1	141.3	142.8	137.1	140.4	137.0	141.1	137.6	142.3
92.5°	61.7	64.5	69.4	75.0	79.7	84.8	89.7	95.3	100.1	105.5	110.2
95°	75.7	78.3	85.1	91.8	98.6	105.4	112.3	119.1	125.9	132.6	139.4
97.5°	94.7	96.1	102.9	109.7	116.5	123.3	130.0	137.1	143.9	150.6	157.4
100°	108.4	108.5	127.8	147.1	166.3	185.7	205.0	224.2	243.8	263.1	282.4
102.5°	199.7	204.6	253.3	302.2	350.9	399.6	448.5	497.4	546.0	595.1	644.0
105°	438.0	457.2	531.5	606.0	680.3	754.8	829.4	904.1	978.5	1053.0	1127.6
107.5°	810.2	845.1	912.4	979.7	1046.8	1114.2	1181.7	1249.1	1316.3	1383.9	1451.5
110°	1140.9	1177.9	1223.0	1268.2	1313.5	1358.6	1403.7	1449.0	1494.5	1539.7	1585.3



TEST NUMBER: P1444855  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL36

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	1288.7	1312.9	1339.1	1365.7	1392.2	1418.6	1445.1	1471.6	1498.4	1525.1	1551.7
115°	1284.3	1295.8	1306.0	1316.7	1326.8	1337.6	1348.1	1358.9	1369.7	1380.3	1391.2
117.5°	1185.1	1189.5	1191.2	1193.1	1194.9	1197.2	1199.2	1201.5	1203.9	1206.1	1208.2
120°	1037.0	1036.1	1034.7	1033.4	1032.1	1031.0	1029.9	1028.8	1028.0	1027.1	1026.0
122.5°	887.7	885.4	884.0	882.9	881.9	881.1	880.1	879.6	878.7	878.0	877.1
125°	756.9	754.7	756.7	758.7	760.8	763.0	765.2	767.8	770.0	772.4	774.8
127.5°	661.2	660.9	665.4	669.9	674.5	679.3	684.1	689.0	693.6	698.7	703.3
130°	601.0	602.6	608.2	614.1	619.8	625.8	631.8	638.0	643.7	649.6	655.5
132.5°	567.2	570.4	575.7	581.4	587.1	592.9	598.7	604.5	610.3	616.3	621.7
135°	550.2	554.1	559.2	564.5	569.7	575.3	580.4	586.0	591.0	596.5	601.6
137.5°	540.4	544.5	548.8	553.1	557.3	562.0	566.3	570.8	575.0	579.5	583.7
140°	539.2	543.1	545.7	548.6	551.3	554.1	556.8	559.7	562.2	565.2	567.7
142.5°	536.3	540.1	541.6	543.7	545.5	547.9	549.8	551.8	553.5	555.4	557.0
145°	536.0	538.9	539.2	540.2	540.7	541.6	542.0	542.9	543.1	543.8	544.3
147.5°	533.3	535.4	535.3	535.7	536.0	536.0	536.3	536.5	536.4	536.6	536.7
150°	528.0	529.5	529.1	529.1	528.6	528.4	527.9	527.8	527.3	527.1	526.7
152.5°	521.5	522.7	521.9	521.7	521.1	520.6	520.0	519.7	519.0	518.5	518.2
155°	512.7	513.3	512.9	512.7	512.2	512.0	511.6	511.8	511.5	511.3	511.1
157.5°	509.1	509.1	508.9	508.6	508.2	508.2	507.9	507.9	507.9	508.2	508.4
160°	507.8	508.1	507.7	507.5	507.3	507.1	506.8	507.0	507.0	507.5	507.7
162.5°	507.6	507.4	507.0	506.8	506.5	506.5	506.5	506.9	506.8	507.2	507.5
165°	511.0	511.2	510.4	510.4	509.9	509.7	509.4	509.4	509.4	509.6	509.7
167.5°	514.0	513.8	513.8	514.0	514.0	514.2	514.4	515.0	515.2	515.9	516.1
170°	519.9	520.0	519.7	519.6	519.3	519.3	519.3	519.3	519.4	519.6	519.6
172.5°	527.2	527.2	526.8	526.4	525.9	525.7	525.3	525.3	524.8	524.6	524.1
175°	532.0	531.8	531.6	531.3	531.1	530.8	530.5	529.9	529.7	529.5	529.3
177.5°	536.2	535.8	535.6	535.6	535.4	535.3	535.3	535.1	535.1	535.1	534.8
180°	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1



TEST NUMBER: P1444855  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL36

**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°	131.5	128.9	118.8	116.4	106.4	101.2	89.8	85.8	75.3	73.0	66.2
92.5°	104.5	98.8	93.4	87.3	82.0	76.2	70.5	64.7	59.1	56.8	55.2
95°	131.1	123.1	114.8	106.6	98.3	90.1	82.0	73.8	65.5	63.8	62.1
97.5°	147.9	138.2	128.5	118.9	109.2	99.4	89.9	80.1	70.4	69.4	68.3
100°	260.1	237.8	215.4	192.9	170.8	148.3	126.1	103.6	81.3	80.0	78.8
102.5°	589.5	535.3	481.1	426.9	372.8	318.3	264.1	209.7	155.5	147.7	139.8
105°	1045.4	963.1	881.3	799.2	716.9	634.7	552.7	470.4	388.2	361.9	335.4
107.5°	1374.3	1296.9	1220.1	1142.9	1065.6	988.6	911.3	834.0	756.7	710.3	663.9
110°	1524.1	1462.8	1401.8	1340.6	1279.5	1218.3	1157.0	1095.7	1034.5	994.4	954.8



TEST NUMBER: P1444855  
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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°	1507.1	1462.3	1417.9	1373.0	1328.3	1283.4	1238.8	1193.8	1148.9	1124.8	1100.6
115°	1364.6	1337.7	1311.1	1284.3	1257.4	1230.6	1203.9	1176.6	1149.7	1137.1	1124.5
117.5°	1195.0	1181.4	1168.2	1154.6	1141.2	1127.4	1114.0	1100.2	1086.6	1082.5	1078.0
120°	1022.8	1018.9	1014.9	1011.1	1007.4	1003.6	999.5	995.6	991.5	992.3	993.2
122.5°	879.4	881.4	883.7	885.4	887.8	889.5	891.8	893.3	895.2	899.0	902.8
125°	779.4	783.9	788.5	792.8	797.3	801.8	806.3	810.3	814.9	818.6	822.7
127.5°	708.7	713.5	718.8	723.5	728.7	733.5	738.5	743.2	748.2	751.7	755.7
130°	660.3	664.4	669.1	673.3	678.0	682.3	686.6	691.0	695.4	698.5	701.5
132.5°	625.8	629.9	634.1	637.9	642.2	645.9	650.1	654.0	658.3	660.5	663.1
135°	605.0	608.0	611.3	614.1	617.7	620.6	623.8	627.1	630.5	632.3	634.4
137.5°	586.4	588.9	591.8	594.3	597.1	599.6	602.7	605.4	608.6	609.6	611.3
140°	570.4	573.2	575.9	578.6	581.5	584.3	587.6	590.5	593.7	594.9	596.4
142.5°	559.4	561.3	563.6	565.7	568.2	570.3	572.9	575.6	578.3	579.6	580.9
145°	546.8	549.1	551.7	554.0	556.6	559.3	562.3	565.2	568.3	569.2	570.4
147.5°	538.8	540.6	543.1	545.2	547.5	549.7	552.6	555.0	557.9	558.9	559.8
150°	529.0	531.0	533.3	535.4	537.9	540.4	543.1	545.9	549.2	550.4	551.6
152.5°	520.4	522.6	525.0	527.6	530.2	532.9	535.9	538.8	541.8	542.9	544.4
155°	513.5	515.6	518.2	520.8	523.5	525.9	528.9	531.6	534.6	536.0	537.2
157.5°	510.5	512.4	514.7	517.2	519.4	521.8	524.5	526.9	529.6	530.7	531.8
160°	509.6	511.4	513.5	515.8	517.8	520.0	522.4	524.5	526.8	527.9	529.0
162.5°	509.5	511.4	513.6	515.4	517.7	519.8	522.2	524.1	526.5	527.3	528.4
165°	511.2	512.8	514.5	515.9	517.7	519.0	521.0	522.5	524.4	525.1	526.4
167.5°	517.6	518.6	519.8	521.0	522.5	523.7	525.1	526.3	527.8	528.7	529.7
170°	520.7	521.7	522.7	523.9	525.0	526.2	527.3	528.2	529.8	530.6	531.5
172.5°	525.0	525.4	526.3	526.8	527.7	528.2	529.3	529.9	530.8	531.8	532.5
175°	529.8	530.1	530.5	530.7	531.0	531.4	532.0	532.6	533.0	533.6	534.2
177.5°	535.0	535.1	535.4	535.6	536.2	536.3	536.8	537.0	537.3	537.9	538.8
180°	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1



TEST NUMBER: P1444855  
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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°	64.7	58.5	57.3	51.5	49.8	45.7	44.4	44.6	45.8	46.2	47.5
92.5°	53.4	51.4	49.6	47.6	45.7	43.8	41.9	43.8	45.7	47.6	49.6
95°	60.4	58.7	57.0	55.3	53.6	51.9	50.2	51.9	53.6	55.5	57.2
97.5°	67.3	66.1	65.1	64.0	63.0	61.9	60.8	62.0	63.1	64.1	65.2
100°	77.5	76.2	75.0	73.7	72.4	71.2	69.9	71.6	72.8	74.1	75.4
102.5°	132.2	124.4	116.5	108.6	100.8	93.0	85.2	93.0	100.8	108.8	116.6
105°	308.9	282.7	256.1	229.7	203.2	176.7	150.3	176.9	203.4	229.8	256.5
107.5°	617.3	571.1	524.5	478.0	431.4	384.9	338.3	385.0	431.6	478.2	524.8
110°	914.5	874.4	834.4	794.3	754.1	714.0	673.8	714.2	754.4	794.7	834.9



TEST NUMBER: P1444855  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL36

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	1076.2	1052.0	1027.7	1003.5	978.9	954.7	930.1	955.0	979.5	1004.3	1028.7
115°	1111.8	1099.1	1086.6	1073.7	1060.8	1048.0	1034.9	1048.6	1061.7	1074.8	1088.0
117.5°	1073.7	1069.6	1065.2	1060.9	1056.4	1051.9	1047.3	1052.3	1057.2	1062.4	1066.9
120°	993.7	994.8	995.5	996.0	996.8	997.2	997.6	998.0	998.0	998.0	997.8
122.5°	906.5	910.2	913.8	917.3	920.8	924.3	927.4	924.9	922.2	919.6	916.6
125°	826.5	830.6	834.2	838.0	841.5	845.3	848.2	846.1	843.4	840.6	837.5
127.5°	759.3	762.8	766.2	769.9	773.0	776.2	779.0	777.3	774.9	772.6	769.9
130°	704.3	707.6	710.0	712.9	715.3	717.6	719.7	718.8	717.3	716.1	714.1
132.5°	665.5	668.1	670.4	672.6	674.3	676.5	677.7	677.5	676.7	676.0	674.6
135°	636.3	638.1	639.9	641.8	643.0	644.3	645.1	645.6	645.4	645.2	644.4
137.5°	612.4	614.0	615.0	616.0	616.7	617.4	617.7	618.7	619.1	619.8	619.7
140°	597.6	599.1	600.3	601.3	602.2	603.1	603.1	604.4	604.7	605.2	605.0
142.5°	582.2	583.6	584.8	586.0	586.6	587.4	587.7	588.7	589.1	589.5	589.5
145°	571.6	572.5	573.5	574.5	574.9	575.3	575.2	576.6	577.2	577.8	578.3
147.5°	560.9	562.0	562.5	563.3	563.8	564.2	564.3	565.2	566.1	566.6	567.1
150°	552.9	554.1	555.3	556.3	557.0	557.8	558.0	558.8	559.2	559.6	559.6
152.5°	545.3	546.3	547.3	548.3	549.0	549.6	549.9	550.6	551.3	552.0	552.2
155°	538.3	539.5	540.5	541.7	542.3	543.2	543.9	544.6	545.2	545.5	545.9
157.5°	532.8	534.0	535.0	536.0	536.7	537.7	538.5	539.3	539.9	540.6	540.9
160°	529.8	531.1	531.8	532.9	533.7	534.7	535.3	536.3	536.9	537.5	538.2
162.5°	529.3	530.4	530.9	532.0	532.8	533.7	534.4	535.3	536.0	536.7	537.3
165°	527.5	528.6	529.5	530.6	531.7	532.8	533.5	534.2	534.6	535.0	535.3
167.5°	530.6	531.7	532.4	533.6	534.2	535.4	536.3	536.8	537.1	537.5	537.7
170°	532.2	533.2	534.1	534.9	535.7	536.7	537.3	537.7	537.8	538.2	538.6
172.5°	533.4	534.4	535.2	536.3	537.1	538.0	538.9	539.1	539.1	539.0	538.8
175°	534.9	535.7	536.3	537.1	537.7	538.5	539.2	539.0	539.1	538.9	538.9
177.5°	539.6	540.6	541.4	542.0	542.9	543.5	544.4	543.7	543.2	542.8	542.1
180°	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1



TEST NUMBER: P1444855  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL36

**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°	48.3	49.4	50.1	51.4	53.3	56.6	60.3	63.7	67.9	71.1	74.9
92.5°	51.4	53.5	55.3	57.3	59.2	64.8	70.6	76.3	82.3	87.8	93.5
95°	58.9	60.6	62.3	64.4	66.1	74.3	82.5	90.8	99.0	107.3	115.5
97.5°	66.6	67.7	68.8	69.9	71.1	80.8	90.6	100.2	110.0	119.7	129.3
100°	76.7	78.0	79.3	80.7	82.0	104.4	126.9	149.3	171.8	194.0	216.4
102.5°	124.7	132.5	140.3	148.5	156.3	210.7	265.1	319.6	373.6	428.1	482.4
105°	283.0	309.5	336.3	362.8	389.2	471.6	554.0	636.3	718.3	800.6	882.9
107.5°	571.6	618.1	664.9	711.5	758.1	835.6	912.9	990.2	1067.7	1145.0	1222.0
110°	875.5	915.3	956.0	996.2	1036.5	1097.7	1159.3	1220.5	1281.9	1343.3	1404.5



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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°	1053.4	1077.8	1102.4	1126.5	1151.1	1196.1	1241.5	1286.4	1331.5	1376.1	1421.1
115°	1101.0	1113.6	1126.7	1139.5	1152.6	1179.8	1206.9	1234.0	1261.2	1288.0	1315.2
117.5°	1071.7	1076.3	1081.0	1085.3	1089.9	1103.7	1117.7	1131.5	1145.4	1159.2	1172.9
120°	997.6	997.0	996.8	996.0	995.6	999.7	1004.1	1008.1	1012.5	1016.4	1020.4
122.5°	913.6	910.2	907.1	903.6	900.3	898.4	896.9	894.9	893.6	891.6	889.9
125°	834.4	831.0	827.7	824.1	820.4	816.4	812.3	808.1	803.8	799.5	795.3
127.5°	767.4	764.2	761.3	758.0	754.7	749.9	745.3	740.4	736.0	731.0	726.3
130°	712.3	709.9	708.0	705.1	702.8	698.3	694.4	690.1	685.9	681.7	677.4
132.5°	673.4	671.6	670.0	667.8	666.1	662.2	658.8	654.6	650.8	646.9	643.3
135°	643.8	642.7	641.8	640.3	639.0	635.8	633.1	630.0	627.1	624.0	621.1
137.5°	619.8	619.2	618.7	618.1	617.4	614.7	612.5	609.8	607.3	604.7	602.4
140°	605.1	604.6	604.4	603.7	603.1	600.4	597.8	595.0	592.5	589.8	587.2
142.5°	589.5	589.1	588.9	588.2	587.8	585.5	583.7	581.6	579.5	577.3	575.4
145°	578.4	578.3	578.4	577.9	578.1	575.5	573.3	570.7	568.8	566.3	564.1
147.5°	567.6	567.6	567.7	567.7	568.0	565.8	564.2	562.1	560.4	558.3	556.7
150°	559.8	559.8	559.9	559.6	559.5	557.4	555.7	553.7	552.1	550.0	548.3
152.5°	552.4	552.6	552.8	552.8	553.0	551.2	549.3	547.2	545.4	543.2	541.5
155°	546.2	546.4	546.6	546.6	546.6	544.9	543.2	541.3	539.6	537.7	536.1
157.5°	541.3	541.7	542.0	542.2	542.4	540.9	539.4	537.9	536.4	534.9	533.4
160°	538.5	539.1	539.4	539.6	539.9	538.6	537.7	536.1	535.1	533.6	532.2
162.5°	537.7	538.3	538.7	538.9	539.1	537.8	537.0	535.7	534.5	532.8	531.6
165°	535.8	535.8	536.1	536.1	536.3	535.4	534.8	533.9	533.1	532.0	531.1
167.5°	538.0	538.0	538.4	538.2	538.4	537.7	537.7	536.9	536.3	535.6	535.0
170°	538.6	538.8	539.0	538.9	539.1	538.4	537.9	537.4	537.0	536.1	535.4
172.5°	538.9	538.6	538.5	538.5	538.2	537.7	537.6	537.1	536.9	536.4	536.1
175°	538.6	538.4	538.2	538.0	537.7	537.7	537.5	537.5	537.3	537.0	536.8
177.5°	541.8	541.4	540.7	540.3	539.8	539.6	539.6	539.3	539.5	539.3	539.1
180°	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1



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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°	78.5	96.5	99.8	98.0	91.6	89.1	83.1	81.4	76.1	74.3	69.1
92.5°	99.2	105.0	110.7	105.6	100.5	95.4	90.4	85.2	80.2	75.0	70.1
95°	123.8	131.6	139.9	133.1	126.2	119.4	112.6	105.9	99.1	92.3	85.6
97.5°	139.0	148.4	158.0	151.2	144.5	137.5	130.7	124.0	117.2	110.2	103.5
100°	238.9	260.7	282.9	263.7	244.2	225.0	205.7	186.2	167.0	147.8	128.3
102.5°	536.6	590.5	644.5	595.6	546.7	497.9	449.1	400.3	351.6	302.6	253.9
105°	964.9	1046.4	1128.4	1053.5	979.1	904.6	830.1	755.6	681.0	606.4	532.1
107.5°	1299.3	1375.4	1452.2	1384.7	1317.3	1250.0	1182.3	1115.0	1047.4	980.0	912.7
110°	1465.8	1525.5	1586.4	1540.8	1495.5	1449.9	1404.6	1359.3	1314.0	1268.9	1223.7



TEST NUMBER: P1444855  
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**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	1465.9	1508.7	1553.0	1525.9	1499.5	1472.7	1446.1	1419.4	1393.0	1366.2	1340.1
115°	1341.8	1366.4	1392.6	1381.5	1370.9	1360.1	1349.3	1338.8	1328.0	1317.3	1307.0
117.5°	1186.5	1197.4	1210.0	1207.5	1205.5	1202.8	1200.8	1198.4	1196.5	1194.3	1192.4
120°	1024.4	1025.3	1028.4	1029.0	1030.1	1030.8	1031.8	1032.7	1033.8	1034.8	1036.1
122.5°	888.0	882.5	879.6	880.3	881.1	881.5	882.5	883.1	884.0	884.9	885.9
125°	791.1	782.8	777.4	774.9	772.6	770.2	767.8	765.3	763.3	761.1	758.9
127.5°	721.5	712.4	706.5	701.7	697.0	692.0	687.3	682.2	677.7	672.7	668.4
130°	673.3	664.4	659.0	653.0	647.4	641.2	635.6	629.5	623.6	617.7	611.9
132.5°	639.3	630.6	625.6	620.0	614.6	608.6	603.1	597.2	591.6	585.5	580.1
135°	618.1	609.9	605.8	600.4	595.7	590.3	585.1	579.8	574.6	569.1	564.3
137.5°	599.6	591.7	588.1	583.8	579.8	575.4	571.5	566.9	562.8	558.1	554.1
140°	584.5	576.1	572.3	569.8	567.6	564.7	562.2	559.5	557.0	554.3	551.7
142.5°	573.3	565.1	561.9	560.1	558.6	556.8	555.4	553.6	551.8	549.7	548.0
145°	561.9	552.7	549.2	548.6	548.5	548.0	547.5	547.1	546.6	545.9	545.5
147.5°	554.4	545.3	541.7	541.8	541.9	541.7	542.0	541.7	541.9	541.8	541.8
150°	546.0	535.6	531.4	531.9	532.2	532.7	533.2	533.6	534.3	534.6	535.0
152.5°	539.2	526.8	522.1	522.6	523.4	523.7	524.3	525.1	525.9	526.6	527.2
155°	533.7	520.2	515.2	515.1	515.3	515.7	515.9	516.3	516.7	517.2	517.7
157.5°	531.5	517.2	512.4	511.9	512.0	512.0	512.0	512.3	512.5	512.7	513.3
160°	530.7	516.5	511.7	511.2	511.3	511.1	510.9	511.0	511.2	511.4	511.8
162.5°	530.0	516.2	511.6	511.0	510.7	510.6	510.6	510.3	510.4	510.5	510.9
165°	529.9	517.7	513.5	513.3	513.3	513.2	513.3	513.4	513.6	513.9	514.3
167.5°	534.0	523.1	519.9	519.3	518.7	518.3	518.3	517.5	517.5	517.2	517.2
170°	534.7	526.0	523.1	522.9	523.1	523.0	522.8	522.8	522.8	522.8	523.0
172.5°	535.4	529.2	526.9	527.2	527.6	527.9	528.2	528.6	529.0	529.5	529.8
175°	536.6	532.8	531.9	531.8	532.1	532.2	532.4	532.7	532.9	533.1	533.6
177.5°	539.1	537.9	537.4	537.4	537.4	537.4	537.4	537.4	537.4	537.6	537.6
180°	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1



TEST NUMBER: P1444855  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL36

**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°	68.1	64.5	64.7	60.7	62.0	57.7	60.4	56.4	59.9	54.9	62.8
92.5°	64.8	62.1	59.3	56.6	53.8	51.1	48.4	45.6	42.9	40.1	42.9
95°	78.8	76.3	73.7	71.0	68.5	65.9	63.4	60.8	58.2	55.7	58.9
97.5°	96.7	95.2	93.7	92.2	90.7	89.3	87.9	86.4	84.7	83.2	85.3
100°	109.0	109.0	109.0	109.0	108.6	108.6	108.6	108.6	108.6	108.6	110.3
102.5°	205.0	200.1	195.3	190.1	185.3	180.5	175.6	170.7	165.8	161.0	168.2
105°	457.5	438.4	419.2	400.1	380.9	361.9	342.8	323.7	304.7	285.6	305.3
107.5°	845.7	810.7	775.9	741.1	706.2	671.5	636.8	602.0	567.4	532.6	563.7
110°	1178.4	1141.5	1104.4	1067.6	1030.5	993.5	956.6	919.8	882.9	846.1	875.7



TEST NUMBER: P1444855  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL36

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	1313.6	1289.3	1265.5	1241.5	1217.7	1193.9	1170.1	1146.4	1122.7	1099.0	1113.4
115°	1296.4	1285.0	1273.4	1262.0	1250.5	1239.0	1227.6	1216.4	1205.2	1194.0	1194.8
117.5°	1190.4	1186.3	1182.4	1178.3	1174.3	1170.6	1166.8	1163.2	1159.4	1156.0	1148.0
120°	1037.5	1038.3	1039.1	1040.2	1041.4	1042.6	1043.5	1045.0	1046.5	1048.0	1037.2
122.5°	887.0	889.3	891.8	894.4	897.1	900.0	902.8	905.9	909.1	912.3	901.5
125°	756.7	759.0	761.2	763.8	766.0	769.0	771.8	774.9	778.0	781.3	772.1
127.5°	663.8	664.2	664.4	665.2	665.8	666.9	668.0	669.3	670.8	672.5	666.8
130°	606.0	604.5	602.9	601.6	600.1	599.3	598.5	597.8	597.2	597.0	594.5
132.5°	574.4	571.4	568.5	565.7	563.1	560.9	558.5	556.8	554.9	553.4	552.7
135°	558.7	555.0	551.3	547.5	544.0	541.1	537.9	535.3	532.6	530.3	530.9
137.5°	549.8	546.1	542.2	538.7	535.1	532.2	529.1	526.3	523.8	521.4	522.6
140°	548.9	545.2	541.4	537.9	534.8	531.6	528.5	526.0	523.1	521.1	521.7
142.5°	546.0	543.1	539.4	536.4	533.2	530.6	527.9	525.5	522.8	521.1	521.9
145°	544.8	542.5	539.9	537.5	535.2	533.4	531.0	529.4	527.7	526.6	526.9
147.5°	541.7	540.0	537.8	536.3	534.2	533.0	531.3	530.2	529.0	528.1	528.2
150°	535.3	534.3	533.0	532.0	530.8	529.8	528.8	528.1	527.3	526.8	526.8
152.5°	527.9	527.0	525.8	525.0	524.0	523.3	522.5	522.0	521.3	520.9	520.8
155°	518.2	517.7	517.3	517.0	516.6	516.7	516.3	516.4	516.2	516.2	516.4
157.5°	513.5	513.6	513.3	513.7	513.7	513.8	513.8	514.3	514.2	514.7	515.1
160°	512.4	512.3	512.1	512.1	512.1	512.0	512.2	512.2	512.4	512.5	513.0
162.5°	511.1	511.7	511.8	512.2	512.7	513.1	513.6	514.3	514.6	515.4	515.9
165°	514.7	514.7	514.7	514.6	514.9	515.1	515.3	515.8	515.9	516.4	517.2
167.5°	517.0	517.3	517.3	517.8	518.2	518.7	519.1	520.0	520.4	521.3	521.9
170°	522.8	522.8	522.8	522.8	522.8	523.2	523.4	523.5	523.7	524.2	524.6
172.5°	530.1	530.1	529.7	530.1	529.7	530.1	530.1	530.3	530.3	530.4	530.6
175°	533.6	534.0	534.2	534.7	534.7	534.9	535.0	535.3	535.5	535.9	535.9
177.5°	537.6	537.7	537.7	537.7	537.7	537.9	537.9	537.9	537.9	537.7	537.9
180°	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1



TEST NUMBER: P1444855  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL36

**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°	61.5	68.3	67.4	73.5	73.3	80.4	80.7	87.5	87.1	93.6	94.4
92.5°	45.6	48.4	51.1	53.8	56.6	59.3	62.0	64.8	70.8	76.3	82.6
95°	62.0	65.2	68.4	71.6	74.8	78.0	81.1	84.3	93.0	101.6	110.4
97.5°	87.6	89.5	91.7	93.7	95.9	98.0	100.1	102.2	111.7	121.0	130.3
100°	112.0	113.7	115.3	117.1	118.8	120.5	122.1	123.8	142.2	160.1	178.2
102.5°	175.3	182.6	189.8	196.9	204.3	211.6	218.8	225.9	267.4	308.7	350.0
105°	325.1	344.7	364.6	384.3	404.1	423.7	443.6	463.3	529.5	595.6	662.0
107.5°	594.9	626.0	657.1	688.5	719.6	750.9	782.0	813.3	877.8	942.5	1007.1
110°	905.4	935.3	964.9	994.7	1024.3	1054.3	1084.1	1114.1	1152.9	1191.6	1230.5



TEST NUMBER: P1444855  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL36

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	1127.9	1142.3	1156.8	1171.5	1186.0	1200.8	1215.3	1230.1	1249.7	1269.1	1288.7
115°	1195.8	1196.6	1197.8	1198.8	1200.1	1201.1	1202.6	1203.8	1210.2	1216.5	1222.9
117.5°	1140.1	1132.2	1124.6	1116.7	1109.0	1101.7	1094.1	1086.9	1085.8	1084.9	1084.2
120°	1027.0	1016.3	1005.8	995.3	985.2	974.9	965.0	955.0	950.2	945.3	940.7
122.5°	891.0	880.6	870.3	860.0	849.9	840.0	830.2	820.5	817.2	814.1	811.1
125°	763.5	754.9	746.3	738.0	729.9	721.8	714.0	706.2	706.6	706.7	707.4
127.5°	661.6	656.4	651.4	646.6	642.1	637.4	633.1	628.7	631.7	634.5	637.6
130°	592.3	590.3	588.6	586.6	585.4	583.9	582.6	581.2	586.1	590.5	595.3
132.5°	552.7	552.7	552.8	553.0	553.6	554.1	555.1	555.6	561.0	566.2	571.6
135°	531.7	532.7	534.1	535.3	537.1	538.7	540.6	542.2	547.5	552.4	557.7
137.5°	524.0	525.3	526.9	528.6	530.9	532.7	535.1	537.2	541.3	545.5	549.6
140°	523.0	524.0	525.6	527.1	528.7	530.5	532.6	534.3	537.9	541.1	544.4
142.5°	523.1	524.0	525.4	526.9	528.5	530.0	531.8	533.4	536.1	538.3	541.4
145°	528.0	528.6	529.9	530.9	532.2	533.4	534.9	536.2	538.0	539.6	541.4
147.5°	528.9	529.5	530.3	531.2	532.2	533.2	534.0	535.0	536.3	537.5	538.8
150°	527.3	527.6	528.1	528.4	529.4	529.9	530.9	531.3	532.4	533.3	534.7
152.5°	521.4	521.6	522.1	522.4	523.1	523.6	524.1	524.7	525.8	526.6	527.7
155°	517.0	517.7	518.4	518.9	519.8	520.1	521.1	521.5	522.5	523.1	524.1
157.5°	515.8	516.1	517.1	517.3	518.3	518.8	519.5	520.0	520.9	521.4	522.2
160°	513.9	514.9	515.6	516.5	517.4	518.2	519.1	520.0	520.7	521.3	521.9
162.5°	516.6	517.3	518.0	518.6	519.3	520.0	520.5	521.2	522.3	522.8	524.0
165°	518.0	518.8	519.9	520.4	521.5	522.5	523.2	524.1	524.6	525.4	525.8
167.5°	522.8	523.4	524.5	525.3	526.2	526.9	527.9	528.6	529.3	529.6	530.4
170°	525.4	526.1	526.8	527.7	528.3	528.9	529.9	530.5	531.3	531.9	532.9
172.5°	531.2	531.8	532.3	532.8	533.4	534.0	534.7	535.0	535.8	536.3	536.9
175°	535.9	535.9	536.1	536.3	536.4	536.4	536.6	537.0	537.2	537.3	537.5
177.5°	538.1	538.4	538.6	538.8	539.0	539.2	539.4	539.6	539.6	539.6	539.6
180°	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1



TEST NUMBER: P1444855  
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**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	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°	102.9	104.3	113.1	115.1	125.7	128.7	133.8	130.2	134.9	131.5	136.4
92.5°	88.1	94.5	100.3	106.3	112.2	118.2	112.6	107.1	101.6	96.2	90.6
95°	119.1	127.7	136.4	145.2	153.8	162.5	153.2	144.0	134.7	125.4	116.1
97.5°	139.7	149.0	158.3	167.6	177.1	186.4	175.4	164.4	153.4	142.6	131.5
100°	196.2	214.4	232.4	250.4	268.6	286.6	266.3	245.7	225.4	204.8	184.3
102.5°	391.7	432.9	474.3	515.9	557.1	598.6	555.2	511.9	468.2	424.8	381.2
105°	728.3	794.5	860.7	927.0	993.1	1059.7	989.2	918.7	848.2	777.8	707.1
107.5°	1071.9	1136.3	1201.3	1265.7	1330.5	1395.4	1324.1	1252.4	1181.1	1109.5	1037.9
110°	1269.6	1308.5	1347.5	1386.7	1425.5	1464.7	1412.6	1360.7	1308.5	1256.2	1204.2



TEST NUMBER: P1444855  
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**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	1308.2	1328.2	1347.6	1367.6	1387.1	1407.0	1369.7	1332.8	1295.5	1258.5	1221.1
115°	1229.6	1235.9	1242.6	1249.2	1255.7	1262.2	1237.3	1212.4	1187.5	1162.6	1137.3
117.5°	1083.4	1082.9	1081.9	1081.6	1080.6	1080.1	1066.3	1052.6	1038.7	1024.8	1010.8
120°	935.7	931.1	926.3	921.7	916.8	912.0	906.5	900.9	895.1	889.3	883.6
122.5°	807.8	805.0	801.8	798.7	795.4	792.2	790.2	788.5	786.5	784.6	782.3
125°	707.8	708.1	708.5	709.1	709.2	709.5	708.6	708.1	707.1	706.5	705.4
127.5°	640.3	643.3	646.0	648.9	651.4	654.3	654.3	654.6	654.7	654.8	654.8
130°	599.7	604.6	609.1	613.4	617.6	622.3	621.9	621.9	621.6	621.3	621.1
132.5°	576.8	581.9	587.0	592.4	597.2	602.2	601.7	601.7	600.9	600.8	600.3
135°	562.4	567.5	572.0	577.2	581.7	586.5	585.8	585.3	584.5	584.1	583.5
137.5°	553.3	557.7	561.5	565.4	569.0	573.0	572.2	571.7	570.8	570.4	569.7
140°	547.6	550.9	553.9	557.1	560.2	563.3	562.2	561.4	560.3	559.4	558.2
142.5°	543.7	546.2	548.4	551.1	553.1	555.6	553.9	552.4	550.9	549.4	547.8
145°	543.1	544.9	546.5	548.1	549.3	551.2	549.1	547.4	545.2	543.5	541.5
147.5°	539.8	541.1	541.8	543.1	543.7	544.9	543.0	541.1	539.2	537.3	535.2
150°	535.3	536.6	537.3	538.3	539.1	540.1	537.9	536.0	533.7	531.7	529.7
152.5°	528.5	529.5	530.3	530.9	531.8	532.5	530.4	528.7	526.6	524.4	522.5
155°	524.4	525.3	525.6	526.4	526.6	527.0	525.2	523.8	522.1	520.3	518.5
157.5°	522.7	523.4	524.0	524.2	524.6	525.2	523.9	522.7	521.3	520.0	518.6
160°	522.5	523.0	523.5	523.9	524.4	524.6	523.5	522.7	521.6	520.4	519.1
162.5°	524.5	525.4	525.9	526.6	527.3	527.9	526.6	525.4	524.1	522.7	521.3
165°	526.4	526.9	527.5	528.0	528.1	528.7	527.9	527.1	526.1	525.4	524.2
167.5°	530.8	531.4	531.8	532.3	532.5	532.8	532.0	531.4	530.4	529.5	528.4
170°	533.2	533.7	534.5	535.1	535.5	535.9	535.3	534.7	533.8	533.2	532.2
172.5°	537.5	538.0	538.2	538.9	539.1	539.5	538.9	538.0	537.4	536.5	535.6
175°	537.5	537.7	538.0	538.0	538.0	538.2	537.6	536.9	536.3	535.7	535.0
177.5°	539.6	539.6	539.6	539.4	539.4	539.4	539.0	538.6	538.1	537.7	537.1
180°	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1



TEST NUMBER: P1444855  
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**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°	133.0	138.5	135.0	140.7	139.4	146.2	146.0	152.8	151.8	157.5	155.1
92.5°	85.2	79.7	74.3	68.7	65.9	62.8	60.7	57.3	54.9	51.8	49.0
95°	106.8	97.5	88.1	78.8	75.6	72.3	69.1	66.0	62.7	59.5	56.4
97.5°	120.6	109.6	98.6	87.6	84.8	82.1	79.1	76.4	73.6	70.9	68.1
100°	163.7	143.2	122.8	102.1	99.8	97.5	95.1	92.8	90.5	87.9	85.6
102.5°	337.8	294.1	250.5	206.9	198.6	190.4	182.1	173.8	165.5	157.3	149.0
105°	636.6	565.9	495.3	424.6	402.1	379.6	357.2	334.6	312.2	289.7	267.3
107.5°	966.3	894.6	822.9	751.2	709.9	668.4	626.9	585.2	543.9	502.2	460.7
110°	1152.0	1099.6	1047.4	994.8	961.7	928.3	894.8	861.4	828.0	794.4	761.0



TEST NUMBER: P1444855  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL36

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1183.8	1146.5	1109.1	1071.4	1056.5	1041.3	1026.4	1011.2	996.1	980.7	965.7
115°	1112.2	1087.1	1061.9	1036.5	1031.4	1026.1	1021.0	1015.5	1010.3	1004.8	999.3
117.5°	997.0	983.0	968.8	954.8	955.8	956.8	957.8	958.7	959.5	960.2	960.9
120°	877.7	871.8	866.2	860.1	865.0	869.7	874.5	879.0	883.6	887.9	892.2
122.5°	780.4	778.2	776.3	773.8	779.8	785.6	791.2	796.8	802.2	807.4	812.5
125°	704.8	703.8	702.9	701.7	707.9	713.6	719.4	724.8	730.5	735.5	740.8
127.5°	654.9	654.9	655.0	654.9	659.5	663.5	667.7	671.5	675.6	679.1	682.5
130°	620.9	620.5	620.4	620.0	624.0	627.8	631.8	635.2	638.8	641.8	644.9
132.5°	600.0	599.4	599.1	598.5	601.7	604.5	607.4	609.7	612.3	614.2	616.3
135°	582.9	582.2	581.6	580.8	583.7	586.5	589.1	591.3	593.7	595.4	597.4
137.5°	569.1	568.3	567.7	566.8	569.5	571.9	574.3	576.3	578.3	580.1	581.6
140°	557.5	556.2	555.6	554.3	556.8	558.8	561.0	562.8	564.8	566.1	567.6
142.5°	546.3	544.5	543.3	541.5	543.2	544.8	546.3	547.7	549.2	550.1	551.0
145°	539.6	537.4	535.8	533.6	535.0	536.2	537.6	538.8	539.5	540.2	541.0
147.5°	533.6	531.4	529.4	527.4	528.8	529.5	530.3	530.9	531.9	532.2	532.7
150°	527.6	525.2	522.9	520.8	521.6	522.2	522.8	523.6	524.1	524.4	524.9
152.5°	520.3	518.2	516.0	513.7	514.3	514.6	515.1	515.4	515.9	516.0	516.3
155°	516.7	514.8	512.9	510.8	511.5	511.7	511.9	512.1	512.2	512.2	512.4
157.5°	517.2	515.4	514.2	512.4	512.4	512.4	512.5	511.9	511.9	511.7	511.4
160°	518.1	516.6	515.4	513.9	513.8	513.6	513.7	513.2	513.0	512.5	512.2
162.5°	519.9	518.4	516.7	515.0	514.9	515.0	514.8	514.3	514.2	513.7	513.3
165°	523.4	522.2	521.1	519.8	519.6	519.2	519.0	518.3	518.0	517.2	516.7
167.5°	527.3	526.3	525.0	523.6	523.6	523.7	523.6	523.2	523.1	522.6	522.5
170°	531.4	530.4	529.5	528.5	528.2	528.1	527.7	527.3	526.8	526.5	525.9
172.5°	534.6	533.7	532.7	531.6	531.6	531.4	531.0	530.9	530.3	529.9	529.8
175°	534.2	533.6	532.6	532.0	531.8	531.6	531.5	531.3	530.9	530.8	530.4
177.5°	536.7	536.3	535.6	535.1	535.0	535.0	534.8	534.6	534.6	534.4	534.2
180°	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1



TEST NUMBER: P1444855  
CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL36

**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°	160.4	157.2
92.5°	46.7	44.2
95°	53.2	50.0
97.5°	65.4	62.6
100°	83.3	81.0
102.5°	140.8	132.5
105°	244.8	222.4
107.5°	419.1	377.7
110°	727.5	694.1



TEST NUMBER: P1444855  
CATALOG NUMBER: EHBR1-60-UNV-TA-L940-UPL36

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	950.3	935.0
115°	993.4	987.9
117.5°	961.4	961.8
120°	896.1	900.3
122.5°	817.3	822.2
125°	745.5	750.4
127.5°	685.7	688.7
130°	647.2	650.0
132.5°	617.9	619.2
135°	598.5	599.8
137.5°	582.6	583.7
140°	568.2	569.1
142.5°	551.7	552.2
145°	541.5	541.8
147.5°	532.3	532.6
150°	524.7	524.8
152.5°	515.9	516.0
155°	512.0	511.9
157.5°	510.6	510.4
160°	511.6	511.2
162.5°	512.8	512.4
165°	515.9	515.1
167.5°	521.8	521.6
170°	525.4	525.0
172.5°	529.3	528.9
175°	530.2	530.0
177.5°	534.2	533.8
180°	537.1	537.1

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-7

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**

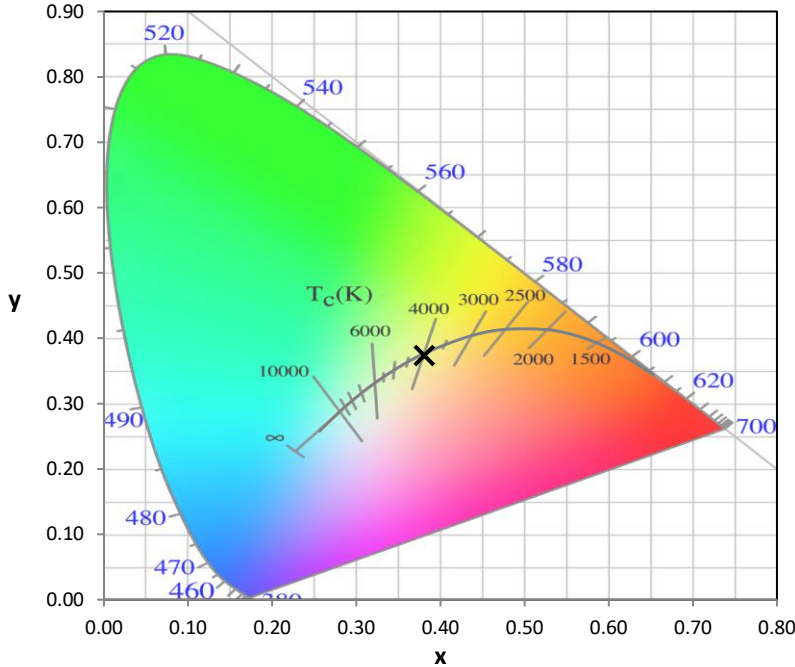
Stabilization Time: 44M  
 Operation Time: 1H 44M  
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2506-472-7

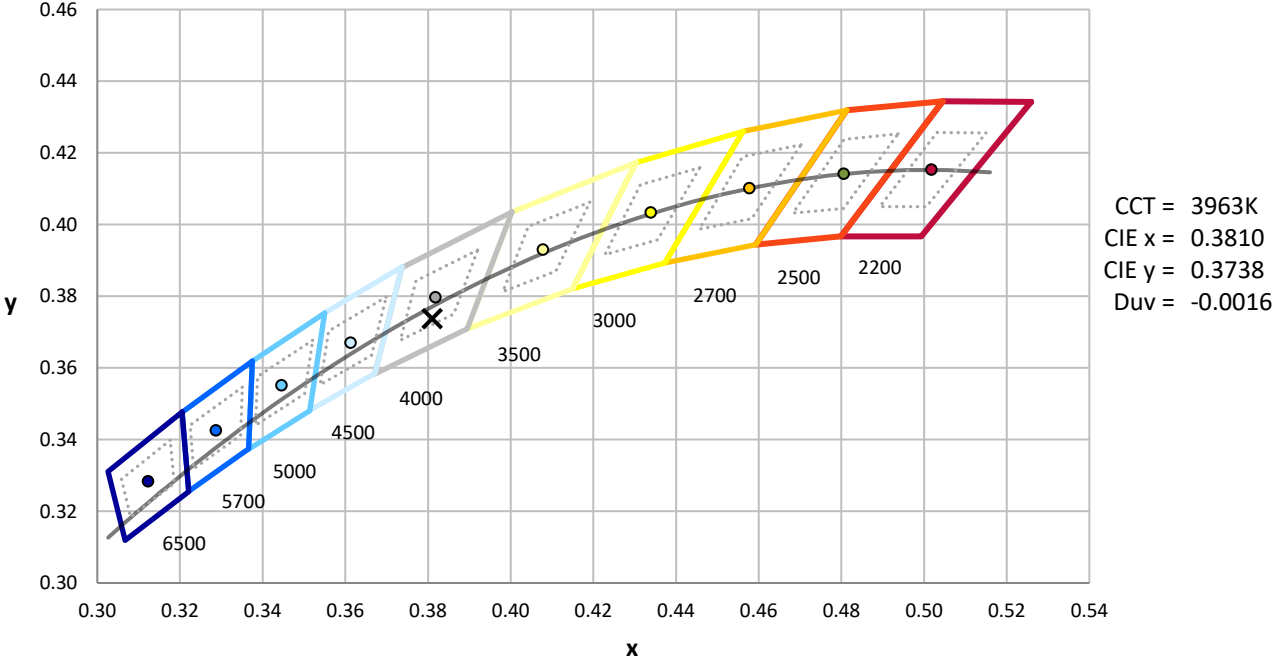
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208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

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**CIE 1931 Chromaticity Diagram**



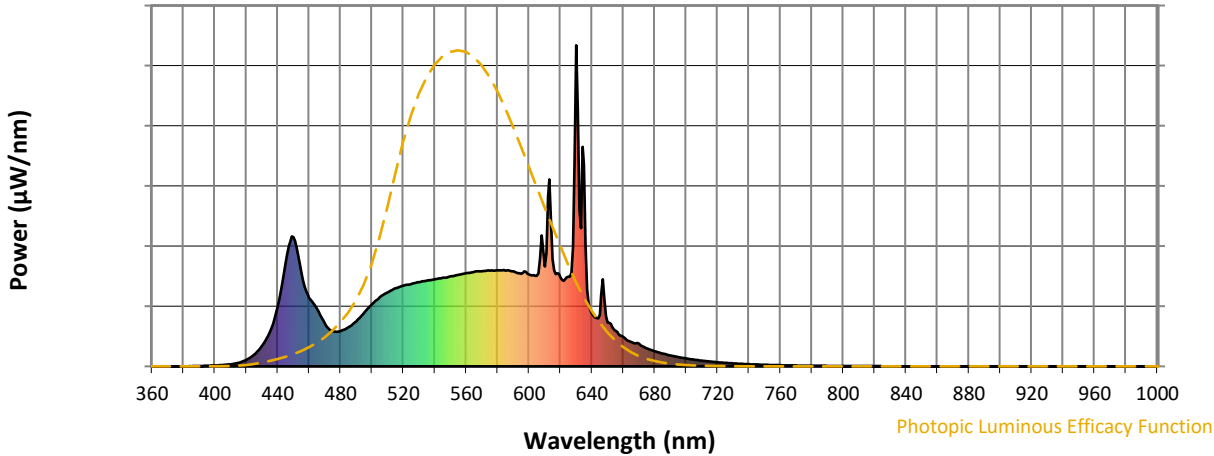
**CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles**



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 <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /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 <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /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 <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /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**

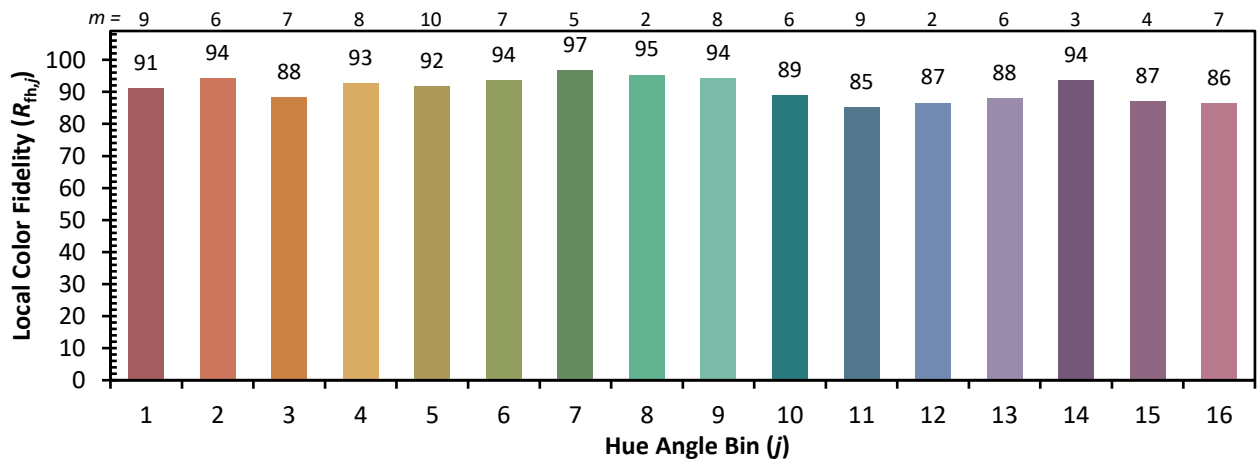
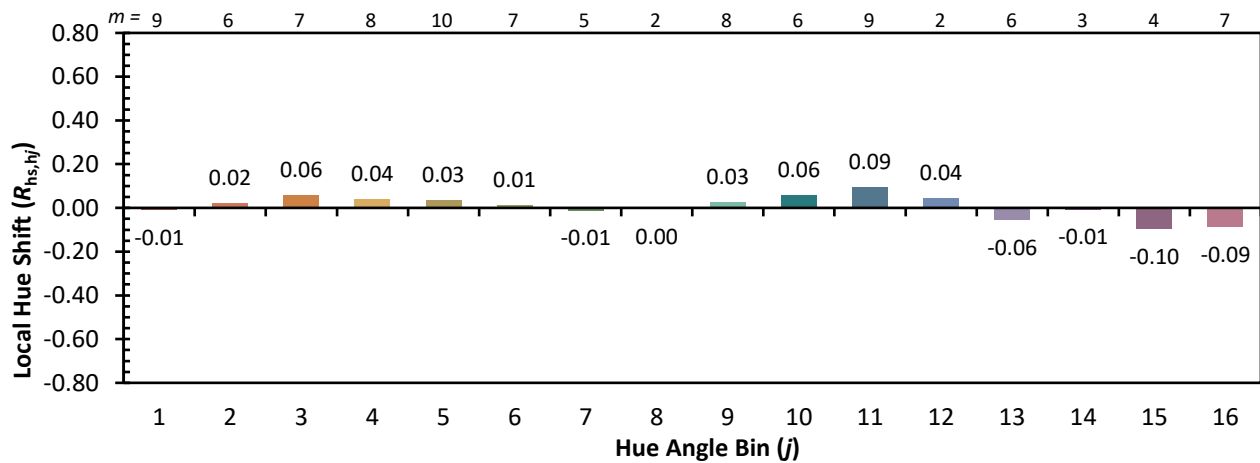
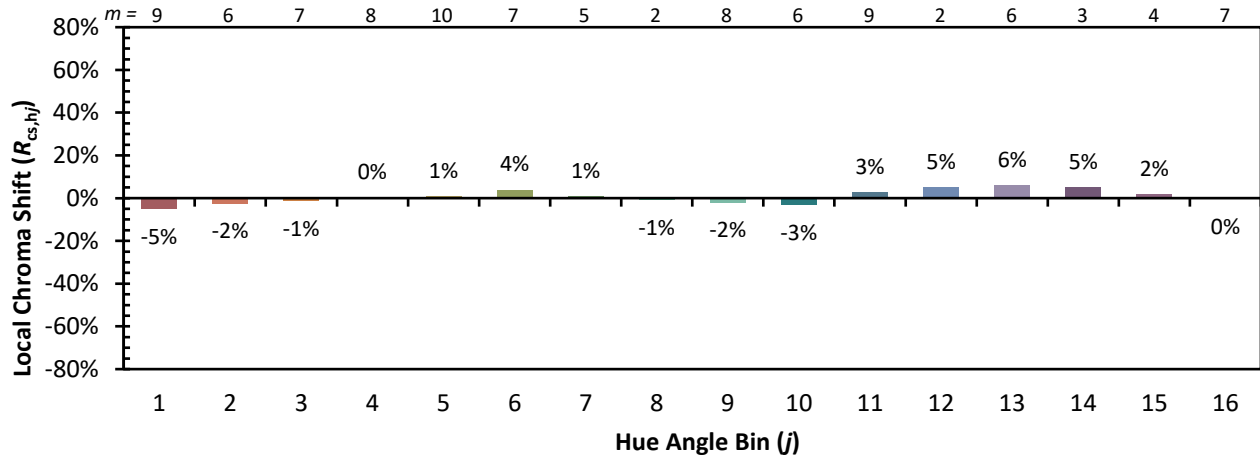


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

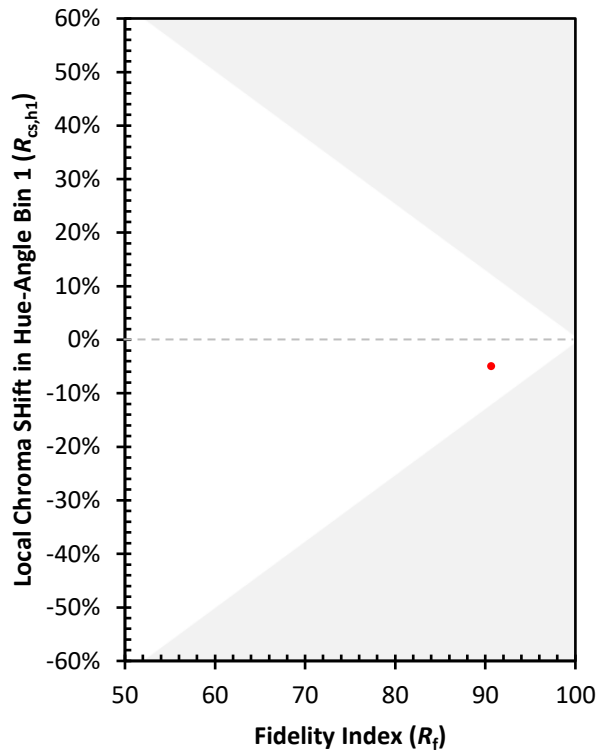
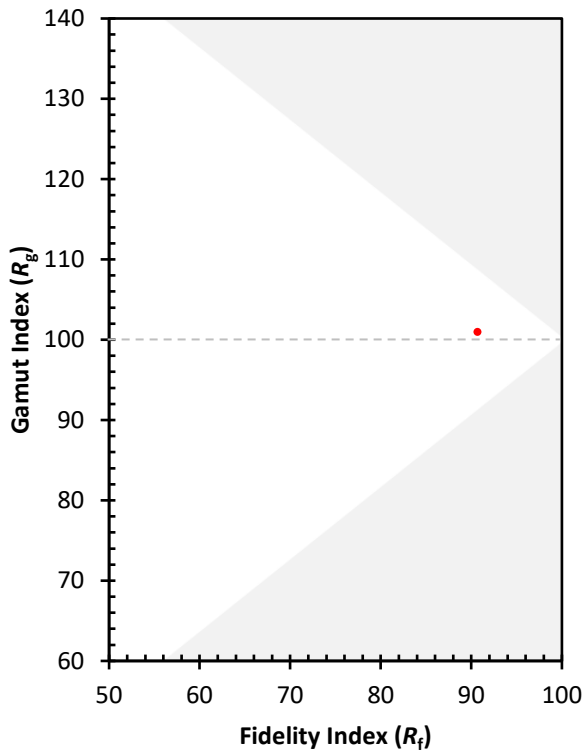
CES01 = 86	CES26 = 90	CES51 = 99	CES76 = 83
CES02 = 62	CES27 = 93	CES52 = 97	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 95	CES78 = 79
CES04 = 69	CES29 = 91	CES54 = 96	CES79 = 94
CES05 = 49	CES30 = 98	CES55 = 95	CES80 = 91
CES06 = 50	CES31 = 92	CES56 = 95	CES81 = 80
CES07 = 42	CES32 = 84	CES57 = 94	CES82 = 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)