

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: P1444424

Luminaire Tested: EHBR1-60-UNV-TA-L840-UPL36

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444424
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-L840-UPL36
Description: Elevate Round Highbay at, 60000 lumens, 4000K 80CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 63530.7 lumens
Efficiency: N/A
Efficacy: 177.1 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: P1444424
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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°	242624	242624	242624	242624
5°	243799	250908	240387	254195
10°	245834	263434	239939	261691
15°	247040	238801	239519	229186
20°	244486	177898	236484	164599
25°	231416	112511	223768	102084
30°	202159	67611	194329	61790
35°	155583	42426	146634	37582
40°	98420	26612	90046	25008
45°	50728	20733	49887	20392
50°	29741	18441	28829	18153
55°	22785	17447	21942	17290
60°	19279	17823	18458	17592
65°	18108	18612	17415	17977
70°	17691	19490	16810	18757
75°	18916	20669	17894	19755
80°	19575	22887	17747	20893
85°	18435	22083	14897	18909

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 77632 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5091.7	8.0
10°-20°	14323.5	22.5
20°-30°	16313.4	25.7
30°-40°	11725.3	18.5
40°-50°	5407.7	8.5
50°-60°	2587.8	4.1
60°-70°	1888.2	3.0
70°-80°	1434.5	2.3
80°-90°	659.0	1.0
90°-100°	118.9	0.2
100°-110°	662.9	1.0
110°-120°	1224.2	1.9
120°-130°	754.4	1.2
130°-140°	492.0	0.8
140°-150°	370.6	0.6
150°-160°	261.9	0.4
160°-170°	159.7	0.3
170°-180°	55.0	0.1
0°-30°	35728.6	56.2
0°-40°	47453.9	74.7
0°-60°	55449.4	87.3
0°-90°	59431.1	93.5
90°-120°	2006.0	3.2
90°-150°	3622.9	5.7
90°-180°	4100.0	6.5
0°-180°	63530.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	51665	51665	51665	51665	51665	
5°	52055	53573	51326	54275	52055	4974
15°	51828	50099	50250	48082	51828	14603
25°	46214	22468	44686	20386	46214	20950
35°	28555	7787	26912	6898	28555	17525
45°	8208	3354	8072	3299	8208	6981
55°	3079	2358	2965	2337	3079	2842
65°	1890	1943	1818	1876	1890	1888
75°	1332	1456	1260	1392	1332	1386
85°	634	759	512	650	634	595
90°	170	216	48	59	170	106
95°	54	60	54	60	54	52
105°	241	309	163	309	241	318
115°	1070	1292	1121	1293	1070	989
125°	813	844	919	846	813	740
135°	650	569	699	574	650	507
145°	587	562	623	570	587	370
155°	554	553	589	559	554	258
165°	558	555	578	559	558	158
175°	574	579	584	580	574	55
180°	582	582	582	582	582	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1
2.5°	51862.5	51858.4	51857.6	51853.9	51852.9	51852.9	51851.2	51847.1	51844.3	51838.4	51831.7
5°	52054.9	52052.7	52054.0	52054.4	52050.8	52042.7	52030.1	52014.6	51995.1	51976.6	51960.2
7.5°	52203.7	52207.4	52212.0	52211.0	52199.7	52180.7	52154.9	52140.4	52149.0	52177.1	52241.5
10°	52230.9	52253.2	52261.8	52259.0	52236.5	52220.2	52226.5	52281.3	52390.2	52535.6	52734.4
12.5°	52125.0	52152.3	52151.3	52142.3	52120.5	52142.7	52221.9	52384.9	52618.4	52905.1	53241.4
15°	51827.7	51862.9	51852.9	51841.3	51826.7	51899.6	52058.0	52341.1	52701.8	53106.0	53519.8
17.5°	51250.3	51292.9	51272.2	51259.0	51246.7	51383.4	51655.6	52069.9	52524.3	52981.5	53373.7
20°	50248.9	50277.5	50228.3	50205.1	50224.6	50492.5	50893.3	51422.5	51901.4	52333.8	52601.8
22.5°	48614.7	48650.1	48557.6	48546.9	48661.0	49072.5	49579.5	50171.2	50621.2	50963.9	51067.1
25°	46213.6	46248.4	46138.5	46204.2	46398.4	46958.8	47562.7	48195.6	48579.4	48833.4	48763.3
27.5°	42972.6	43004.4	42900.3	43034.3	43341.2	44077.7	44788.4	45474.8	45817.0	45994.9	45769.6
30°	38885.1	38951.2	38828.1	39015.2	39483.7	40439.8	41254.1	42023.8	42365.1	42500.5	42149.7
32.5°	34030.4	34124.5	33988.7	34267.2	34920.8	36069.3	36994.4	37854.5	38231.8	38386.4	37990.2
35°	28555.0	28689.8	28534.1	28951.9	29758.2	31037.1	32061.5	33021.7	33468.6	33687.7	33288.5
37.5°	22754.0	22882.5	22798.3	23355.6	24241.0	25566.6	26612.3	27648.1	28152.9	28481.6	28166.8
40°	17058.7	17176.3	17240.0	17877.5	18710.2	19959.5	20963.9	21988.8	22553.5	22966.2	22772.0
42.5°	12040.1	12158.7	12375.4	12990.4	13684.9	14719.0	15579.4	16499.6	17039.0	17479.2	17404.3
45°	8207.5	8345.1	8616.7	9120.3	9622.5	10364.4	10996.2	11711.9	12152.5	12555.7	12560.5
47.5°	5751.4	5848.1	6090.7	6434.6	6762.0	7690.9	7728.9	8080.7	8376.9	8678.3	8717.4
50°	4432.5	4490.8	4619.4	4811.0	4996.6	5237.6	5458.5	5713.3	5895.6	6060.9	6100.3
52.5°	3643.2	3680.2	3745.7	3849.4	3957.1	4088.3	4206.3	4346.4	4445.6	4533.9	4552.6
55°	3079.2	3109.7	3207.2	3227.0	3350.1	3373.8	3426.3	3511.5	3569.1	3622.2	3635.4
57.5°	2653.5	2675.7	2696.4	2740.6	2778.5	2833.7	2878.1	2939.2	2975.5	3013.9	3017.1
60°	2317.7	2333.7	2348.4	2379.1	2405.0	2443.3	2473.9	2515.4	2541.5	2570.2	2573.5
62.5°	2067.7	2079.2	2089.0	2109.3	2127.7	2157.1	2181.5	2216.2	2240.5	2262.7	2267.6
65°	1890.1	1898.5	1904.8	1920.1	1936.2	1961.3	1983.3	2011.6	2029.5	2046.6	2050.2
67.5°	1732.7	1740.7	1747.2	1761.2	1772.3	1791.1	1805.8	1827.1	1840.5	1854.0	1854.4
70°	1552.3	1559.8	1564.8	1577.8	1586.8	1602.9	1614.7	1633.9	1647.7	1662.8	1666.7
72.5°	1427.4	1431.9	1438.5	1450.4	1462.8	1480.1	1496.0	1515.9	1532.6	1548.3	1555.0
75°	1332.5	1337.6	1342.1	1352.2	1360.8	1375.4	1387.3	1405.4	1420.0	1436.8	1445.1
77.5°	1195.4	1201.3	1205.1	1215.3	1222.8	1236.7	1245.5	1261.9	1273.7	1289.0	1296.5
80°	1029.8	1035.3	1038.0	1047.5	1053.5	1066.3	1075.0	1090.6	1100.6	1116.0	1124.9
82.5°	846.1	851.5	853.0	862.0	865.3	875.8	882.2	898.2	910.5	930.4	944.2
85°	633.6	635.5	638.6	636.3	649.1	649.9	664.4	667.2	686.2	691.3	713.1
87.5°	387.4	393.1	395.9	404.8	408.6	417.4	420.1	429.5	434.7	445.4	450.3
90°	170.2	179.5	182.9	193.8	197.0	206.6	209.2	220.2	223.5	234.7	239.6
92.5°	47.8	50.9	53.6	57.2	60.1	64.4	67.8	71.2	74.4	78.3	84.5
95°	54.2	57.6	61.0	64.5	67.9	71.4	74.9	78.3	81.7	85.2	95.0
97.5°	67.8	70.8	73.8	76.8	79.7	82.7	85.7	88.7	91.6	94.4	106.3
100°	87.7	90.2	92.7	95.2	97.8	100.3	102.8	105.3	107.9	110.4	132.4
102.5°	143.5	152.5	161.3	170.3	179.2	188.0	197.1	205.8	214.7	223.7	270.5
105°	240.8	265.0	289.5	313.6	337.9	362.2	386.5	410.5	434.8	458.9	535.5
107.5°	409.0	453.7	498.7	543.6	588.7	633.3	678.4	723.0	767.8	812.3	890.0
110°	751.7	787.5	823.7	859.8	895.8	932.1	968.1	1003.8	1040.0	1075.9	1132.6



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	1012.6	1028.8	1045.0	1061.4	1077.6	1093.7	1109.9	1126.0	1142.3	1158.2	1198.8
115°	1069.9	1075.5	1081.2	1086.7	1092.4	1097.9	1103.4	1108.8	1114.4	1119.6	1146.9
117.5°	1041.7	1040.5	1039.4	1038.4	1036.8	1035.6	1034.3	1032.9	1031.5	1030.0	1045.2
120°	975.1	969.9	964.8	959.3	954.1	948.6	943.3	937.9	932.2	926.6	933.0
122.5°	890.4	884.2	878.2	871.7	865.3	858.8	852.4	845.4	839.2	832.5	834.6
125°	812.7	806.2	800.4	793.7	787.1	780.4	773.8	766.9	760.3	753.2	754.2
127.5°	745.9	741.4	737.0	731.9	727.1	722.1	717.0	711.8	707.0	701.5	701.5
130°	704.0	699.9	695.8	691.3	686.9	682.2	677.4	672.5	668.0	662.8	662.9
132.5°	670.6	667.9	664.7	661.4	658.0	654.0	650.5	646.5	642.7	639.0	639.1
135°	649.6	646.7	644.0	640.8	637.6	634.0	630.3	626.5	623.0	619.1	619.5
137.5°	632.1	629.6	627.0	623.9	620.9	617.3	614.2	610.4	607.1	603.4	603.7
140°	616.4	614.1	611.6	608.6	605.9	602.9	599.5	596.2	593.0	589.5	590.3
142.5°	598.0	595.9	594.1	591.7	589.4	586.4	583.8	580.8	578.2	575.1	576.3
145°	586.7	585.0	583.4	581.4	579.1	576.5	574.3	571.5	569.3	566.7	568.0
147.5°	576.8	575.4	574.2	572.4	570.8	568.5	566.5	564.0	562.1	559.9	561.3
150°	568.4	567.1	565.9	564.3	562.5	560.5	558.6	556.6	554.5	552.3	553.7
152.5°	558.9	557.5	556.5	554.8	553.2	551.0	549.7	547.5	545.8	543.6	544.9
155°	554.4	553.0	551.6	550.2	548.6	546.8	545.1	543.2	541.6	539.6	540.5
157.5°	552.7	551.3	550.4	548.8	547.8	546.3	544.9	543.2	541.9	540.5	541.0
160°	553.6	552.4	551.3	549.9	548.5	547.0	545.8	544.2	543.2	541.6	542.1
162.5°	554.9	553.6	552.3	551.0	549.8	548.2	547.0	545.9	544.6	543.0	543.8
165°	557.9	557.2	556.2	555.3	554.2	553.3	552.3	551.2	550.2	549.1	549.4
167.5°	564.9	563.8	562.9	561.8	560.6	559.6	558.4	557.3	556.4	555.1	555.4
170°	568.6	567.7	567.1	566.5	565.7	564.9	564.4	563.6	562.8	562.1	562.4
172.5°	572.8	572.1	571.7	571.3	570.5	570.2	569.6	569.0	568.6	567.9	568.6
175°	574.0	573.5	573.3	572.9	572.5	572.1	571.9	571.6	571.6	571.0	571.3
177.5°	578.2	578.0	578.0	577.8	577.8	577.7	577.5	577.0	576.8	576.8	577.1
180°	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7



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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°	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1
2.5°	51826.7	51820.4	51811.7	51800.8	51791.5	51780.6	51754.7	51747.1	51755.6	51761.4	51773.3
5°	51949.9	51953.5	51954.8	51978.3	51998.7	52049.4	52446.9	52604.9	52727.0	52804.6	52922.4
7.5°	52321.1	52440.6	52558.7	52717.6	52854.7	53039.9	53735.4	54031.3	54241.8	54393.1	54579.2
10°	52950.3	53211.1	53455.6	53742.1	53988.3	54270.4	54917.8	55206.1	55388.2	55520.7	55644.4
12.5°	53584.1	53945.8	54272.7	54591.4	54858.0	55102.5	55330.2	55431.1	55439.7	55443.9	55378.3
15°	53914.2	54260.0	54548.0	54758.8	54915.4	54984.7	54592.8	54387.1	54127.3	53913.3	53561.2
17.5°	53705.8	53913.3	54037.7	54025.5	53960.7	53744.0	52633.8	52023.1	51416.9	50870.7	50154.4
20°	52779.7	52763.8	52655.7	52349.0	51979.7	51405.3	49502.0	48403.8	47342.2	46409.7	45278.4
22.5°	51056.6	50785.5	50407.5	49746.5	49012.2	48008.6	45281.1	43665.8	42187.8	40882.1	39419.4
25°	48559.9	48002.2	47304.9	46255.7	45114.5	43650.9	40289.1	38279.9	36505.3	34966.2	33278.5
27.5°	45364.7	44524.5	43502.8	42050.5	40504.5	38629.4	34902.2	32684.9	30779.9	29129.8	27333.5
30°	41581.9	40489.2	39169.9	37367.3	35502.6	33375.8	29595.7	27349.9	25421.7	23724.0	21926.4
32.5°	37307.0	36027.2	34481.2	32458.0	30441.4	28254.7	24604.1	22430.2	20588.2	18955.1	17328.1
35°	32592.1	31219.6	29584.0	27520.5	25515.9	23389.9	20040.2	18080.1	16453.5	15009.9	13696.2
37.5°	27534.4	26186.8	24632.2	22687.4	20828.5	18902.0	16011.7	14369.2	13004.2	11806.1	10791.7
40°	22275.9	21096.6	19751.5	18070.1	16483.7	14879.3	12506.8	11202.9	10125.7	9212.0	8451.8
42.5°	17081.7	16167.7	15136.3	13807.6	12593.6	11372.0	9545.9	8579.9	7782.0	7124.2	6586.9
45°	12393.3	11782.0	11090.1	10166.5	9326.5	8474.4	7174.7	6495.8	5976.2	5552.0	5193.4
47.5°	8663.6	8308.9	8287.3	7433.7	6817.7	6296.8	5459.4	5030.7	4712.2	4455.2	4228.2
50°	6084.2	5912.6	5699.5	5394.8	5109.0	4814.5	4304.4	4045.2	3858.6	3702.9	3559.3
52.5°	4548.4	4459.3	4345.8	4184.1	4029.2	3863.7	3540.8	3375.7	3317.2	3172.2	3058.5
55°	3632.9	3581.7	3517.3	3422.2	3328.1	3290.3	3013.7	2891.1	2813.6	2756.3	2695.2
57.5°	3017.7	2979.6	2941.2	2877.0	2822.4	2756.3	2609.5	2546.6	2500.5	2466.8	2424.5
60°	2574.1	2551.3	2529.8	2492.0	2462.6	2426.9	2333.7	2298.3	2274.2	2253.9	2226.9
62.5°	2271.9	2260.2	2249.1	2229.0	2214.0	2194.7	2130.9	2114.0	2101.8	2091.7	2075.2
65°	2053.8	2045.3	2039.2	2025.9	2018.4	2007.1	1952.3	1940.8	1933.3	1929.7	1920.1
67.5°	1855.7	1846.8	1842.7	1833.3	1830.1	1823.1	1778.3	1771.9	1769.5	1770.6	1767.2
70°	1670.3	1666.7	1668.5	1667.0	1671.2	1672.5	1645.4	1645.2	1648.0	1653.8	1654.4
72.5°	1559.2	1559.2	1561.3	1562.2	1566.3	1568.2	1545.6	1544.5	1545.8	1550.0	1550.2
75°	1453.5	1455.2	1460.9	1462.8	1467.7	1468.6	1438.7	1435.3	1435.5	1439.5	1438.2
77.5°	1307.3	1313.5	1324.4	1330.2	1339.3	1341.1	1307.6	1303.5	1303.7	1307.8	1304.3
80°	1141.2	1153.3	1170.6	1182.7	1196.9	1202.6	1168.2	1159.9	1152.3	1151.2	1144.3
82.5°	964.8	979.6	1000.4	1011.4	1026.6	1030.0	972.3	961.4	954.9	955.4	949.2
85°	736.6	747.7	766.6	772.8	782.2	781.4	715.6	687.4	694.9	683.2	692.4
87.5°	462.0	468.6	480.4	481.9	486.3	485.4	419.1	406.1	402.3	402.5	397.7
90°	251.8	257.8	269.6	271.3	279.8	280.3	228.2	223.6	217.5	218.9	210.8
92.5°	91.2	97.2	103.7	109.9	116.3	122.7	122.9	127.3	121.5	114.7	109.0
95°	105.1	115.2	125.3	135.4	145.5	155.6	165.7	175.8	166.4	156.8	147.3
97.5°	118.3	130.2	141.9	153.9	165.8	177.7	189.6	201.5	191.4	180.9	170.8
100°	154.7	176.9	199.0	221.2	243.3	265.5	287.8	310.0	290.5	270.6	251.0
102.5°	317.5	364.9	411.9	458.9	506.0	553.3	600.7	647.9	603.1	558.0	513.0
105°	611.9	688.2	764.6	840.7	917.1	993.5	1070.4	1146.8	1075.1	1003.3	931.6
107.5°	967.5	1045.0	1122.2	1199.5	1277.1	1354.5	1432.8	1510.3	1440.2	1369.9	1300.0
110°	1189.0	1245.3	1301.8	1358.1	1414.4	1470.9	1528.5	1585.0	1542.9	1500.7	1458.5



TEST NUMBER: P1444424
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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°	1238.7	1279.2	1319.5	1359.5	1399.5	1439.8	1481.7	1522.4	1501.0	1479.4	1458.3
115°	1173.8	1201.1	1227.9	1254.9	1281.8	1308.7	1337.7	1365.3	1358.2	1351.0	1344.1
117.5°	1060.2	1075.0	1090.0	1104.9	1119.6	1134.4	1152.2	1167.4	1168.0	1168.9	1169.8
120°	939.1	945.1	951.2	957.3	963.1	969.0	978.3	985.0	990.3	995.3	1000.6
122.5°	836.7	838.7	840.6	842.6	844.5	846.3	852.0	854.9	858.3	861.6	865.1
125°	754.9	755.6	756.3	757.2	757.5	758.2	763.3	764.6	764.4	764.1	763.8
127.5°	701.1	700.9	700.5	700.3	699.6	699.3	703.7	704.2	701.3	698.4	695.3
130°	663.0	663.1	663.0	662.9	663.0	663.1	668.0	669.3	664.4	659.3	654.6
132.5°	639.2	639.5	639.4	640.0	640.1	640.2	645.7	647.1	641.8	636.1	630.5
135°	619.7	620.2	620.6	620.9	621.3	622.0	628.1	629.8	624.8	619.1	614.0
137.5°	603.9	604.3	604.7	605.4	605.8	606.3	613.2	615.0	610.9	606.2	602.2
140°	590.8	591.4	592.1	593.0	593.6	594.8	602.0	604.3	601.2	597.4	593.9
142.5°	577.1	578.7	579.9	581.4	582.6	584.3	592.8	595.7	593.1	590.3	587.7
145°	569.2	571.1	572.4	574.3	575.9	578.0	587.4	591.1	589.4	587.3	585.5
147.5°	562.1	563.7	565.1	566.8	568.3	570.6	580.6	584.0	583.1	581.7	580.5
150°	554.9	556.7	558.0	559.8	561.7	563.8	575.1	579.2	578.3	577.2	576.0
152.5°	546.1	547.4	548.8	550.4	551.9	553.8	567.5	571.9	571.2	569.9	569.2
155°	541.4	542.3	543.2	544.6	545.7	547.4	562.1	566.5	565.8	565.2	564.5
157.5°	541.4	541.9	542.4	543.1	544.0	544.9	560.3	564.9	564.1	563.6	563.0
160°	542.2	542.7	542.9	543.5	543.9	544.6	560.4	564.7	564.3	563.5	562.9
162.5°	544.2	545.3	545.7	546.3	546.9	548.0	563.9	568.8	567.9	567.1	566.1
165°	549.7	549.8	550.0	550.6	550.8	551.3	566.4	570.3	569.9	569.2	568.6
167.5°	555.7	556.2	556.4	557.0	557.4	558.1	572.1	575.9	575.5	574.8	574.4
170°	562.6	563.1	563.2	563.8	564.4	565.1	576.7	580.0	579.6	578.6	577.9
172.5°	568.9	569.6	570.1	570.8	571.3	572.0	581.9	584.9	584.5	583.9	583.1
175°	571.8	572.1	572.6	573.3	573.8	574.2	582.0	584.2	584.0	583.7	583.3
177.5°	577.6	577.9	578.3	578.8	579.2	579.7	584.3	585.7	585.5	585.5	585.4
180°	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7



TEST NUMBER: P1444424
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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1
2.5°	51776.0	51794.2	51796.8	51818.1	51816.4	51841.6	51837.7	51858.4	51846.3	51863.3	51849.0
5°	52992.1	53102.4	53160.0	53267.6	53301.6	53398.0	53425.1	53513.0	53516.7	53586.4	53570.5
7.5°	54711.3	54873.9	54970.4	55103.5	55170.9	55281.7	55330.5	55412.6	55438.9	55504.1	55509.0
10°	55738.1	55816.9	55872.1	55909.2	55943.1	55959.0	55977.6	55972.6	55977.6	55970.2	55986.2
12.5°	55334.2	55218.9	55142.8	54998.4	54914.7	54755.2	54676.9	54523.5	54467.7	54336.1	54317.1
15°	53289.0	52887.3	52603.5	52190.7	51931.3	51525.2	51287.6	50921.2	50753.9	50462.6	50386.2
17.5°	49561.4	48815.7	48238.7	47498.4	46984.7	46292.8	45857.8	45285.1	44971.4	44509.6	44349.7
20°	44335.4	43232.1	42366.4	41335.3	40597.3	39677.9	39089.3	38346.9	37915.9	37348.7	37118.8
22.5°	38199.8	36826.2	35745.1	34527.0	33636.6	32612.0	31906.8	31103.5	30634.7	30018.5	29745.6
25°	31875.9	30361.2	29159.3	27875.8	26935.1	25908.0	25202.6	24413.6	23928.3	23343.3	23072.2
27.5°	25827.8	24294.4	23132.9	21939.6	21076.7	20149.9	19513.5	18824.5	18393.9	17894.5	17639.4
30°	20490.4	19137.9	18149.6	17159.3	16441.4	15688.6	15159.8	14588.8	14211.1	13783.4	13540.5
32.5°	16141.9	15097.8	14323.9	13538.1	12950.5	12321.5	11864.5	11360.7	11019.7	10637.9	10417.9
35°	12784.1	11972.9	11355.6	10708.7	10204.0	9668.2	9265.5	8830.8	8524.7	8196.0	8006.0
37.5°	10100.8	9455.7	8947.7	8410.4	7995.9	7552.1	7402.5	6903.5	6586.4	6324.1	6142.4
40°	7927.1	7414.2	6993.9	6583.0	6244.8	5908.2	5638.1	5371.5	5166.8	4979.2	4849.4
42.5°	6190.4	5818.8	5511.9	5210.9	4964.3	4719.0	4523.2	4339.6	4201.8	4079.1	3995.3
45°	4921.2	4665.5	4452.2	4240.2	4066.2	3902.5	3770.7	3653.6	3564.5	3490.8	3438.6
47.5°	4042.9	3867.8	3717.4	3574.3	3456.1	3349.0	3260.7	3231.9	3136.2	3071.7	3047.2
50°	3435.8	3330.2	3215.9	3110.3	3031.4	2952.9	2895.7	2839.6	2803.8	2774.1	2765.2
52.5°	2982.8	2902.0	2838.4	2771.6	2719.6	2663.7	2624.2	2586.9	2567.1	2551.7	2549.7
55°	2646.0	2589.5	2547.4	2502.6	2471.4	2438.7	2418.2	2398.4	2389.8	2381.9	2382.6
57.5°	2391.1	2353.5	2326.0	2297.0	2280.1	2264.4	2259.3	2254.3	2256.9	2258.0	2262.5
60°	2205.5	2181.0	2163.7	2147.1	2140.0	2134.9	2138.8	2143.2	2152.2	2159.5	2166.0
62.5°	2063.2	2049.2	2040.8	2031.7	2031.0	2031.4	2039.1	2046.6	2057.8	2066.2	2072.6
65°	1916.7	1908.6	1906.0	1900.2	1903.1	1904.8	1914.0	1919.7	1931.0	1937.8	1945.8
67.5°	1768.7	1766.8	1768.5	1768.5	1773.6	1778.1	1786.8	1793.4	1803.0	1809.0	1815.6
70°	1659.3	1660.1	1664.1	1664.8	1670.4	1673.5	1681.2	1685.3	1694.0	1699.2	1707.0
72.5°	1553.1	1551.3	1552.3	1549.8	1551.7	1550.9	1555.2	1557.3	1564.6	1568.6	1578.2
75°	1439.9	1435.1	1434.0	1428.8	1428.9	1425.3	1427.0	1426.9	1431.7	1433.6	1440.4
77.5°	1303.2	1295.2	1291.3	1282.7	1282.5	1279.2	1282.7	1284.9	1293.2	1297.3	1305.1
80°	1139.7	1127.1	1121.3	1111.3	1113.0	1112.5	1120.9	1127.3	1137.5	1139.5	1149.5
82.5°	947.2	934.4	928.3	918.5	920.8	921.0	928.7	930.0	939.0	942.8	954.3
85°	678.2	683.2	669.6	670.6	667.7	673.0	678.2	684.7	692.2	704.7	714.2
87.5°	399.5	397.7	402.5	403.1	410.0	413.6	424.7	431.0	443.5	453.2	470.8
90°	209.8	202.0	204.4	200.8	206.1	202.7	207.7	203.5	209.9	209.5	217.9
92.5°	101.9	96.0	89.1	83.0	76.3	70.5	66.8	64.4	60.8	58.6	54.9
95°	137.9	128.5	119.2	109.7	100.3	90.9	87.5	84.0	80.6	77.2	73.7
97.5°	160.7	150.6	140.6	130.3	120.2	110.1	107.8	105.5	103.2	100.9	98.7
100°	231.5	212.0	192.5	172.7	153.3	133.8	132.0	130.2	128.3	126.5	124.6
102.5°	468.3	423.4	378.7	333.7	289.0	244.1	236.3	228.5	220.7	212.9	205.1
105°	859.7	787.9	716.2	644.4	572.9	501.3	480.0	458.2	436.9	415.5	394.2
107.5°	1229.9	1159.8	1090.0	1020.1	950.2	880.3	846.3	812.6	778.5	744.8	711.0
110°	1415.9	1373.9	1332.0	1289.6	1247.7	1205.8	1173.3	1141.2	1108.6	1076.4	1044.3



TEST NUMBER: P1444424
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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°	1437.0	1415.7	1394.3	1373.3	1352.4	1331.1	1315.2	1299.5	1283.8	1268.0	1252.0
115°	1336.8	1330.0	1322.9	1316.1	1309.4	1302.4	1301.1	1300.0	1298.6	1297.5	1296.4
117.5°	1170.5	1171.4	1172.1	1173.3	1174.3	1175.3	1183.5	1191.4	1199.7	1208.2	1216.9
120°	1005.8	1010.9	1016.1	1021.5	1026.8	1032.3	1043.0	1054.1	1065.1	1076.6	1087.8
122.5°	868.4	871.8	875.1	878.8	882.3	885.9	896.5	907.4	918.2	929.3	940.6
125°	763.0	762.7	762.3	761.7	761.4	761.3	769.9	778.5	787.4	796.8	805.6
127.5°	692.2	688.9	685.7	682.8	679.6	676.8	681.5	686.5	691.4	696.6	701.9
130°	649.5	644.5	639.2	634.6	629.2	624.5	626.0	627.6	629.2	631.0	632.8
132.5°	624.7	619.1	613.3	607.4	601.7	596.0	595.2	594.6	593.8	593.6	593.4
135°	608.4	603.2	597.4	592.1	586.2	581.1	579.2	577.2	575.4	573.8	572.3
137.5°	597.7	593.2	588.8	584.4	579.6	575.2	572.4	570.4	567.9	566.3	564.0
140°	590.1	586.7	582.7	579.2	575.3	571.9	569.5	567.8	565.5	564.0	562.1
142.5°	584.7	581.9	579.1	576.3	573.5	570.7	568.5	566.8	564.7	563.2	561.3
145°	583.5	581.7	579.6	577.7	575.6	573.7	571.8	570.4	568.9	567.5	566.3
147.5°	579.2	577.8	576.4	574.9	573.4	572.1	570.7	570.0	568.5	567.7	566.6
150°	574.6	573.5	572.1	571.1	569.5	568.4	567.5	566.7	565.8	565.4	564.5
152.5°	567.8	566.8	565.5	564.5	563.1	562.0	561.2	560.7	560.0	559.4	558.6
155°	563.5	562.8	561.8	561.0	559.9	559.3	558.4	557.4	556.7	555.9	554.9
157.5°	562.2	561.5	560.5	560.0	558.8	558.1	557.3	556.5	555.6	554.9	554.0
160°	562.2	561.6	560.7	559.9	559.2	558.4	557.2	556.5	555.2	554.4	553.2
162.5°	565.2	564.2	563.4	562.4	561.2	560.5	559.5	558.7	558.0	557.2	556.3
165°	567.8	567.1	566.3	565.5	564.9	564.1	563.0	562.2	561.0	560.2	559.1
167.5°	573.6	573.1	572.3	571.7	570.8	570.0	569.2	568.2	567.2	566.3	564.9
170°	577.3	576.3	575.7	574.7	573.9	572.9	572.2	571.1	570.1	569.6	568.3
172.5°	582.5	582.1	581.3	580.6	579.7	579.1	578.5	577.7	576.8	576.0	575.3
175°	583.1	582.9	582.7	582.1	581.9	581.6	581.2	581.0	580.6	580.4	579.9
177.5°	585.4	585.2	585.2	584.8	584.6	584.6	584.2	584.0	583.5	583.1	582.9
180°	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7



TEST NUMBER: P1444424
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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1
2.5°	51863.9	51850.7	51856.9	51832.6	51838.4	51809.1	51806.4	51773.3	51770.1	51738.8	51727.2
5°	53619.9	53591.0	53623.5	53572.8	53582.7	53516.7	53511.1	53425.7	53396.3	53289.4	53243.3
7.5°	55549.8	55538.9	55558.8	55516.3	55515.0	55456.0	55431.6	55355.1	55307.6	55195.4	55123.8
10°	55972.6	55982.5	55966.3	55970.2	55947.3	55941.0	55917.5	55902.5	55864.0	55834.9	55792.0
12.5°	54216.9	54227.5	54160.5	54203.0	54169.5	54247.8	54241.4	54333.7	54347.9	54464.7	54508.9
15°	50159.3	50146.7	50018.2	50099.2	50055.8	50227.7	50266.2	50497.5	50621.2	50918.2	51100.6
17.5°	44029.7	43996.6	43815.7	43914.3	43864.2	44117.6	44202.7	44572.6	44803.3	45281.8	45622.8
20°	36723.1	36659.6	36447.9	36563.3	36511.6	36799.6	36921.0	37368.1	37665.7	38299.4	38750.3
22.5°	29325.5	29225.4	29017.9	29125.8	29077.0	29375.2	29533.2	29981.8	30322.7	30973.4	31499.7
25°	22682.5	22593.3	22392.8	22468.3	22450.1	22702.5	22843.1	23267.3	23602.2	24222.1	24724.4
27.5°	17300.5	17207.7	17026.6	17079.9	17061.6	17276.6	17409.1	17763.5	18051.7	18573.5	19014.6
30°	13241.0	13129.0	12975.4	13004.9	12992.3	13166.5	13290.2	13588.7	13835.7	14276.7	14656.8
32.5°	10149.2	10036.6	9895.6	9909.3	9890.7	10027.4	10129.4	10389.0	10604.2	10979.1	11310.0
35°	7765.6	7897.1	7595.8	7786.7	7587.9	7879.7	7774.7	7936.9	8122.0	8438.0	8713.9
37.5°	5969.8	5878.1	5800.6	5792.4	5792.0	5859.6	5939.5	6095.7	6258.8	6494.1	6737.3
40°	4730.8	4666.5	4616.3	4612.6	4616.3	4664.4	4723.3	4831.4	4950.9	5119.9	5298.6
42.5°	3923.8	3881.0	3850.7	3848.7	3858.2	3892.3	3933.3	3997.5	4075.3	4184.7	4307.3
45°	3396.0	3372.3	3355.4	3354.5	3358.9	3376.7	3400.2	3440.3	3489.5	3557.8	3635.4
47.5°	3025.7	3019.9	3009.4	3009.8	3005.0	3012.3	3015.0	3037.4	3063.6	3115.2	3216.4
50°	2756.1	2756.1	2748.8	2748.4	2741.6	2741.2	2735.4	2744.3	2756.5	2788.5	2820.9
52.5°	2543.0	2542.3	2534.4	2532.9	2525.6	2525.2	2520.2	2523.7	2525.4	2541.5	2560.8
55°	2376.4	2371.5	2361.1	2357.8	2355.0	2359.1	2357.2	2357.4	2355.4	2362.1	2367.8
57.5°	2256.9	2250.5	2240.7	2237.8	2237.1	2242.0	2242.2	2240.5	2231.5	2225.3	2216.8
60°	2162.4	2155.8	2145.3	2142.6	2144.1	2151.1	2150.7	2144.9	2131.5	2119.8	2106.3
62.5°	2069.5	2066.8	2061.5	2060.7	2059.4	2060.5	2055.7	2049.6	2036.4	2024.0	2009.1
65°	1944.8	1946.2	1942.1	1942.7	1938.0	1937.2	1929.9	1924.0	1910.5	1899.2	1884.1
67.5°	1815.4	1816.4	1813.1	1813.1	1810.7	1811.0	1806.6	1801.1	1789.8	1780.6	1768.9
70°	1708.7	1711.5	1709.5	1710.1	1707.0	1705.9	1699.0	1693.6	1681.9	1674.2	1663.7
72.5°	1581.0	1586.8	1586.6	1588.0	1583.3	1581.0	1572.8	1566.1	1555.6	1549.4	1541.0
75°	1443.2	1450.6	1452.8	1456.0	1449.5	1446.0	1437.0	1431.7	1423.1	1419.5	1413.9
77.5°	1308.6	1316.7	1324.6	1331.9	1321.4	1312.0	1300.7	1292.1	1279.8	1275.1	1266.4
80°	1157.5	1172.1	1189.4	1204.0	1185.1	1165.9	1147.3	1133.5	1117.3	1110.6	1099.8
82.5°	960.3	975.2	985.2	994.6	981.4	967.3	949.4	937.3	919.7	913.1	900.7
85°	729.5	748.1	754.0	759.0	750.6	743.1	726.3	703.5	692.4	674.9	665.9
87.5°	479.9	491.0	493.1	494.8	489.6	485.9	475.0	464.3	445.4	431.5	414.7
90°	215.6	221.2	215.1	216.0	211.2	213.6	204.3	202.6	188.8	184.7	172.6
92.5°	52.4	48.7	46.0	42.8	46.7	48.9	52.7	54.9	58.4	60.8	64.4
95°	70.2	66.8	63.4	59.9	62.7	65.5	68.2	70.9	73.8	76.5	79.2
97.5°	96.4	94.0	91.8	89.5	91.1	92.7	94.3	96.0	97.5	99.1	100.9
100°	122.8	121.0	119.2	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3
102.5°	197.4	189.5	181.7	174.0	179.2	184.4	189.8	195.0	200.3	205.5	211.1
105°	372.8	351.5	330.1	308.9	329.5	350.1	370.8	391.4	412.1	433.1	453.7
107.5°	677.1	643.4	609.7	576.0	613.9	651.4	689.0	726.7	764.2	801.9	839.9
110°	1012.2	980.0	948.0	915.9	955.7	995.7	1035.5	1075.5	1115.4	1155.4	1195.7



TEST NUMBER: P1444424
 CATALOG NUMBER: EHBR1-60-UNV-TA-L840-UPL36

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	1236.4	1220.8	1205.3	1189.6	1215.3	1241.0	1266.7	1292.7	1318.5	1344.3	1370.0
115°	1295.3	1294.3	1293.4	1292.5	1304.6	1316.8	1329.0	1341.4	1353.7	1365.9	1378.3
117.5°	1225.1	1233.6	1242.4	1251.1	1255.0	1258.8	1263.0	1266.9	1271.1	1275.2	1279.5
120°	1099.3	1110.5	1122.2	1133.9	1132.3	1130.7	1129.2	1127.6	1126.6	1125.2	1124.4
122.5°	951.9	963.3	975.0	986.5	983.1	979.6	976.4	973.2	970.2	967.1	964.3
125°	815.3	824.6	834.2	843.9	840.5	837.1	833.8	830.9	827.9	824.9	822.3
127.5°	707.6	713.5	719.1	725.1	723.5	721.8	720.8	719.4	718.4	717.6	716.9
130°	635.1	637.5	640.2	642.7	643.1	643.6	644.5	645.5	646.7	647.7	649.3
132.5°	593.8	593.7	594.2	594.6	596.4	598.2	600.7	602.9	605.7	608.0	611.5
135°	571.4	570.3	569.5	569.0	571.7	574.2	577.3	580.5	584.2	587.8	591.9
137.5°	562.5	560.9	559.9	558.4	561.1	563.8	567.1	570.2	573.6	577.3	581.5
140°	560.8	559.3	558.6	557.3	560.0	562.6	565.7	568.9	572.4	576.1	580.0
142.5°	560.2	558.5	557.8	556.9	559.0	561.5	564.6	567.4	570.6	573.7	577.3
145°	565.0	563.9	563.2	562.4	564.0	565.8	568.0	570.2	572.6	574.8	577.9
147.5°	565.7	565.0	564.6	564.0	565.4	566.6	568.2	569.6	571.5	573.3	575.4
150°	564.3	563.6	563.3	563.1	563.8	564.5	565.6	566.4	567.8	568.9	570.5
152.5°	558.4	557.7	557.8	557.4	557.9	558.6	559.5	560.3	561.3	562.2	563.7
155°	554.5	553.9	553.4	552.8	552.9	552.9	553.4	553.4	554.1	554.3	555.1
157.5°	553.6	552.8	552.5	551.7	551.5	551.2	551.3	551.1	551.4	551.0	551.2
160°	552.6	551.4	550.6	549.8	550.0	549.6	549.9	549.6	549.9	549.9	550.2
162.5°	555.7	554.9	554.3	553.5	553.1	552.4	552.0	551.2	550.9	550.5	550.3
165°	558.1	557.0	556.3	555.1	554.8	554.5	554.2	553.8	553.6	553.3	553.4
167.5°	564.3	563.2	562.3	561.4	560.8	559.8	559.3	558.6	558.0	557.4	557.1
170°	567.7	566.8	566.0	565.2	564.9	564.3	564.1	563.5	563.3	563.1	563.1
172.5°	574.8	574.0	573.3	572.7	572.4	572.0	571.8	571.6	571.2	571.2	571.0
175°	579.7	579.3	579.1	578.7	578.3	578.1	577.6	577.3	577.1	576.7	576.4
177.5°	582.4	581.9	581.7	581.5	581.3	581.3	581.3	581.3	581.3	581.1	580.9
180°	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7



TEST NUMBER: P1444424
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CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1
2.5°	51693.7	51680.1	51644.3	51626.6	51593.5	51576.9	51551.0	51534.4	51513.5	51497.9	51489.9
5°	53125.9	53059.9	52927.3	52845.8	52702.7	52608.6	52466.5	52362.3	52215.6	52107.4	51968.8
7.5°	54989.4	54887.9	54718.2	54589.5	54389.4	54236.5	54011.9	53832.3	53584.1	53378.1	53124.6
10°	55748.0	55688.8	55612.6	55529.9	55419.0	55310.3	55156.9	55000.7	54792.3	54585.2	54314.4
12.5°	54626.7	54682.5	54792.3	54843.6	54927.7	54956.2	54994.7	54976.7	54942.7	54858.0	54735.2
15°	51451.0	51683.7	52051.3	52305.7	52661.9	52912.2	53243.3	53456.4	53701.9	53848.5	53988.0
17.5°	46227.1	46677.1	47325.8	47843.5	48538.2	49103.2	49795.4	50339.1	50967.0	51448.7	51961.5
20°	39536.2	40166.4	41061.9	41822.4	42829.2	43683.0	44776.7	45693.0	46761.8	47652.7	48614.3
22.5°	32334.9	33076.1	34102.3	35019.7	36221.9	37295.8	38666.1	39877.6	41322.5	42616.8	44048.7
25°	25541.3	26267.8	27313.0	28263.0	29560.8	30743.7	32240.9	33630.7	35307.4	36871.0	38666.1
27.5°	19715.5	20360.7	21279.6	22134.5	23323.2	24484.6	26003.9	27486.0	29275.1	30955.5	32890.1
30°	15225.9	15749.4	16485.6	17173.4	18127.7	19077.5	20430.8	21801.4	23581.7	25323.1	27306.4
32.5°	11799.5	12245.9	12860.5	13418.9	14154.2	14870.3	15866.9	16962.2	18523.9	20191.8	22109.5
35°	9134.2	9516.0	10039.1	10520.1	11124.8	11693.3	12437.0	13218.8	14410.5	15813.6	17529.8
37.5°	7282.3	7437.9	7811.3	8205.4	8707.6	9174.8	9756.5	10334.6	11187.3	12294.2	13696.2
40°	5538.1	5785.3	6089.1	6399.6	6779.8	7154.5	7792.7	8100.1	8661.5	9456.1	10544.3
42.5°	4468.5	4642.4	4856.2	5072.0	5337.0	5598.0	5920.8	6249.6	6669.4	7207.6	7981.5
45°	3739.4	3852.7	3990.6	4134.4	4308.4	4486.5	4702.6	4928.5	5212.8	5543.6	6013.7
47.5°	3252.2	3314.9	3404.9	3503.0	3622.4	3745.7	3886.3	4030.0	4206.7	4403.0	4670.7
50°	2871.9	2924.3	2994.1	3059.8	3142.1	3268.6	3324.3	3403.7	3510.0	3625.4	3775.2
52.5°	2596.8	2631.7	2675.5	2713.2	2765.3	2812.6	2874.6	2929.4	3003.0	3072.2	3169.0
55°	2382.6	2395.2	2420.1	2444.4	2480.4	2512.7	2555.3	2591.1	2637.9	2679.5	2740.4
57.5°	2217.1	2218.3	2229.8	2242.4	2265.5	2285.9	2315.2	2338.7	2371.3	2397.7	2434.2
60°	2098.2	2091.9	2094.2	2098.6	2111.6	2124.9	2143.6	2158.9	2179.4	2194.4	2214.9
62.5°	1999.2	1989.2	1986.9	1985.8	1992.3	1997.1	2007.3	2014.8	2026.4	2032.9	2043.8
65°	1874.2	1862.5	1857.9	1852.5	1854.4	1852.9	1856.8	1857.0	1862.9	1864.2	1870.6
67.5°	1760.8	1751.0	1745.2	1737.8	1734.6	1729.4	1727.1	1722.2	1721.4	1717.2	1716.2
70°	1657.4	1647.9	1642.9	1636.2	1632.8	1625.8	1621.7	1613.2	1608.2	1600.4	1595.9
72.5°	1537.7	1532.4	1530.9	1526.3	1525.1	1521.3	1519.6	1513.6	1510.2	1503.5	1499.7
75°	1412.7	1408.4	1408.0	1403.3	1402.9	1398.4	1397.2	1390.9	1387.7	1380.9	1378.1
77.5°	1263.8	1257.2	1255.3	1249.9	1251.3	1249.0	1251.0	1246.1	1244.0	1237.3	1235.2
80°	1096.0	1087.6	1084.2	1077.1	1078.9	1075.7	1078.9	1078.6	1081.0	1075.7	1074.8
82.5°	897.3	888.0	886.3	881.4	884.6	885.0	892.1	888.2	889.8	884.8	886.9
85°	652.9	646.1	636.5	635.2	629.0	635.4	627.1	632.6	623.7	629.9	621.5
87.5°	404.8	390.6	383.1	373.0	369.2	359.4	355.4	348.3	350.4	347.2	349.0
90°	171.3	160.6	160.4	153.1	154.7	148.5	152.1	148.4	152.8	149.0	154.1
92.5°	66.8	69.8	75.2	81.2	86.4	91.8	97.2	103.2	108.4	114.2	119.4
95°	82.0	84.8	92.1	99.4	106.8	114.1	121.6	129.0	136.3	143.6	150.9
97.5°	102.5	104.1	111.5	118.8	126.1	133.5	140.8	148.5	155.9	163.2	170.5
100°	117.3	117.5	138.4	159.3	180.1	201.1	222.0	242.9	264.1	284.9	305.8
102.5°	216.3	221.6	274.3	327.3	380.0	432.8	485.7	538.7	591.4	644.5	697.4
105°	474.3	495.1	575.6	656.4	736.8	817.5	898.2	979.1	1059.8	1140.5	1221.2
107.5°	877.4	915.3	988.1	1061.1	1133.7	1206.8	1279.8	1352.8	1425.6	1498.8	1572.0
110°	1235.6	1275.7	1324.5	1373.6	1422.6	1471.4	1520.3	1569.3	1618.5	1667.6	1716.9



TEST NUMBER: P1444424
 CATALOG NUMBER: EHBR1-60-UNV-TA-L840-UPL36

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	1395.7	1421.9	1450.3	1479.1	1507.7	1536.4	1565.1	1593.8	1622.8	1651.7	1680.6
115°	1390.9	1403.4	1414.4	1426.0	1437.0	1448.6	1460.0	1471.7	1483.4	1494.9	1506.7
117.5°	1283.5	1288.3	1290.1	1292.1	1294.1	1296.6	1298.8	1301.2	1303.8	1306.3	1308.5
120°	1123.1	1122.1	1120.6	1119.2	1117.8	1116.6	1115.4	1114.2	1113.3	1112.4	1111.2
122.5°	961.4	959.0	957.4	956.2	955.1	954.2	953.2	952.6	951.7	950.9	950.0
125°	819.7	817.4	819.5	821.7	823.9	826.4	828.7	831.5	833.9	836.6	839.2
127.5°	716.1	715.8	720.6	725.6	730.5	735.7	740.9	746.3	751.2	756.7	761.7
130°	650.9	652.6	658.7	665.1	671.3	677.7	684.3	691.0	697.1	703.6	709.9
132.5°	614.3	617.8	623.5	629.7	635.9	642.1	648.4	654.6	661.0	667.5	673.3
135°	595.9	600.2	605.6	611.4	617.0	623.1	628.6	634.7	640.1	646.1	651.5
137.5°	585.3	589.7	594.4	599.0	603.6	608.6	613.4	618.2	622.8	627.6	632.1
140°	584.0	588.2	591.0	594.2	597.1	600.2	603.0	606.2	608.9	612.2	614.9
142.5°	580.9	584.9	586.5	588.9	590.8	593.4	595.4	597.6	599.4	601.5	603.3
145°	580.5	583.6	584.0	585.0	585.6	586.5	587.0	587.9	588.2	589.0	589.5
147.5°	577.6	579.9	579.8	580.2	580.5	580.5	580.9	581.1	581.0	581.2	581.3
150°	571.8	573.5	573.0	573.0	572.5	572.3	571.7	571.6	571.1	570.9	570.4
152.5°	564.8	566.1	565.2	565.0	564.3	563.8	563.1	562.8	562.1	561.5	561.2
155°	555.3	556.0	555.5	555.3	554.7	554.5	554.0	554.2	553.9	553.7	553.5
157.5°	551.3	551.3	551.1	550.8	550.4	550.4	550.1	550.1	550.1	550.4	550.6
160°	550.0	550.3	549.9	549.6	549.4	549.2	548.9	549.1	549.1	549.6	549.8
162.5°	549.7	549.5	549.1	548.9	548.6	548.6	548.6	549.0	548.9	549.3	549.6
165°	553.4	553.6	552.7	552.7	552.2	552.0	551.7	551.7	551.7	551.9	552.0
167.5°	556.7	556.5	556.5	556.7	556.7	556.9	557.1	557.8	558.0	558.8	559.0
170°	563.0	563.1	562.8	562.7	562.4	562.4	562.4	562.4	562.5	562.7	562.7
172.5°	571.0	571.0	570.5	570.1	569.6	569.4	568.9	568.9	568.4	568.2	567.7
175°	576.1	575.9	575.7	575.4	575.2	574.8	574.5	573.9	573.7	573.4	573.2
177.5°	580.7	580.3	580.1	580.1	579.9	579.8	579.8	579.6	579.6	579.6	579.2
180°	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7



TEST NUMBER: P1444424
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CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1
2.5°	51479.6	51479.0	51474.0	51476.4	51477.3	51480.9	51485.3	51489.9	51490.9	51494.5	51495.3
5°	51864.8	51737.5	51643.2	51539.7	51461.7	51391.7	51345.0	51307.9	51293.4	51297.1	51305.7
7.5°	52909.5	52646.6	52429.7	52183.1	51977.4	51759.7	51579.2	51407.5	51282.5	51189.3	51137.2
10°	54055.9	53735.7	53429.4	53072.5	52734.0	52372.6	52045.4	51715.9	51441.0	51202.5	51027.3
12.5°	54564.7	54338.3	54073.5	53736.7	53374.4	52957.6	52536.5	52085.2	51665.5	51275.9	50961.7
15°	54026.0	54026.4	53929.9	53768.3	53516.7	53183.5	52782.4	52311.9	51816.8	51311.5	50849.8
17.5°	52316.1	52638.8	52818.2	52931.7	52896.9	52774.1	52519.0	52157.6	51695.9	51157.7	50594.4
20°	49379.9	50140.7	50683.2	51171.1	51444.6	51626.3	51608.0	51461.0	51132.3	50674.6	50088.0
22.5°	45266.6	46543.7	47551.4	48491.2	49150.3	49686.4	49941.3	50049.4	49900.5	49581.7	49030.7
25°	40270.5	42007.0	43488.8	44927.0	46005.9	46932.9	47490.2	47882.7	47913.9	47747.3	47255.8
27.5°	34719.0	36768.8	38644.3	40555.6	42072.7	43405.6	44280.1	44920.2	45123.5	45096.6	44650.4
30°	29174.6	31326.4	33393.8	35622.5	37499.8	39202.7	40357.8	41223.5	41557.1	41620.9	41191.7
32.5°	23938.4	26060.5	28122.0	30452.1	32518.0	34469.6	35834.3	36862.6	37250.6	37341.9	36871.0
35°	19186.4	21144.1	23103.3	25361.5	27415.5	29436.4	30874.5	31951.0	32313.3	32374.4	31829.2
37.5°	15065.4	16733.4	18440.6	20466.8	22353.1	24250.9	25617.3	26629.1	26893.0	26876.7	26259.7
40°	11595.6	12892.3	14264.1	15932.2	17500.4	19104.8	20258.7	21095.1	21233.7	21131.0	20482.9
42.5°	8719.3	9655.8	10650.3	11895.5	13059.1	14259.9	15099.3	15720.2	15740.0	15577.6	14996.0
45°	6495.8	7409.6	7826.6	8579.5	9328.9	10127.4	10640.0	11023.5	10964.2	10821.3	10379.2
47.5°	4952.0	5303.1	5675.5	6142.4	6579.0	7485.1	7417.9	8033.8	7590.2	7892.7	7226.8
50°	3932.4	4128.6	4329.3	4577.0	4805.2	5042.0	5190.0	5300.5	5286.2	5238.6	5111.1
52.5°	3345.4	3406.2	3505.0	3645.9	3773.3	3901.3	3985.6	4054.2	4055.5	4036.3	3971.8
55°	2796.1	2873.1	2944.2	3036.3	3193.1	3217.2	3338.0	3313.6	3323.0	3289.5	3323.8
57.5°	2465.3	2510.1	2550.0	2604.8	2650.2	2703.1	2734.3	2764.4	2761.5	2755.0	2722.1
60°	2230.9	2255.6	2277.8	2309.8	2334.7	2364.6	2378.9	2394.3	2389.2	2378.1	2348.9
62.5°	2050.2	2065.6	2078.3	2098.9	2114.1	2132.6	2140.2	2146.6	2140.2	2129.6	2103.8
65°	1871.9	1881.9	1889.9	1905.4	1916.1	1932.0	1938.3	1944.4	1938.5	1930.3	1910.5
67.5°	1711.1	1712.0	1711.3	1717.5	1720.8	1730.3	1733.3	1737.7	1730.7	1723.7	1707.0
70°	1589.1	1586.6	1583.5	1586.0	1586.6	1591.2	1591.9	1591.2	1582.9	1570.7	1552.4
72.5°	1493.7	1492.4	1490.1	1492.2	1492.2	1496.3	1495.0	1492.9	1482.8	1470.9	1453.0
75°	1371.1	1370.2	1365.6	1365.8	1361.9	1363.4	1358.3	1355.5	1344.2	1334.2	1318.2
77.5°	1227.8	1225.4	1218.8	1216.2	1209.0	1206.0	1196.6	1191.9	1180.4	1172.5	1158.6
80°	1067.7	1065.2	1056.5	1051.8	1040.3	1033.0	1019.2	1011.4	998.2	990.3	976.9
82.5°	882.5	883.5	874.9	869.0	852.5	839.8	821.4	811.4	796.9	789.2	775.5
85°	627.7	618.6	623.5	623.1	612.8	601.8	586.8	576.3	564.1	556.8	547.1
87.5°	344.3	346.4	343.9	341.7	334.5	328.9	317.2	311.2	302.2	297.8	290.5
90°	142.5	139.6	128.6	126.0	115.2	109.6	97.3	92.9	81.5	79.1	71.7
92.5°	113.2	107.0	101.2	94.5	88.8	82.5	76.4	70.1	64.0	61.5	59.8
95°	142.0	133.3	124.3	115.4	106.4	97.6	88.8	79.9	70.9	69.1	67.3
97.5°	160.2	149.6	139.1	128.7	118.3	107.7	97.4	86.8	76.3	75.2	74.0
100°	281.7	257.6	233.3	209.0	184.9	160.6	136.5	112.2	88.1	86.7	85.4
102.5°	638.5	579.8	521.0	462.3	403.7	344.8	286.1	227.1	168.4	159.9	151.5
105°	1132.2	1043.1	954.5	865.5	776.4	687.4	598.6	509.4	420.5	391.9	363.2
107.5°	1488.4	1404.6	1321.4	1237.8	1154.1	1070.6	987.0	903.3	819.5	769.3	719.0
110°	1650.6	1584.2	1518.2	1452.0	1385.8	1319.5	1253.1	1186.7	1120.4	1077.0	1034.0



TEST NUMBER: P1444424
 CATALOG NUMBER: EHBR1-60-UNV-TA-L840-UPL36

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	1632.3	1583.7	1535.6	1487.0	1438.6	1390.0	1341.7	1292.9	1244.3	1218.2	1192.0
115°	1477.9	1448.8	1420.0	1390.9	1361.8	1332.8	1303.8	1274.3	1245.1	1231.5	1217.9
117.5°	1294.2	1279.5	1265.2	1250.5	1235.9	1221.0	1206.5	1191.5	1176.8	1172.4	1167.5
120°	1107.7	1103.5	1099.2	1095.1	1091.0	1086.9	1082.5	1078.2	1073.8	1074.7	1075.7
122.5°	952.4	954.6	957.0	959.0	961.5	963.4	965.8	967.4	969.5	973.7	977.7
125°	844.1	849.0	853.9	858.7	863.5	868.3	873.3	877.6	882.6	886.6	891.0
127.5°	767.5	772.8	778.4	783.6	789.2	794.4	799.8	804.9	810.3	814.2	818.4
130°	715.1	719.6	724.7	729.2	734.2	739.0	743.6	748.4	753.1	756.4	759.8
132.5°	677.7	682.2	686.7	690.9	695.5	699.5	704.1	708.3	713.0	715.4	718.2
135°	655.2	658.5	662.0	665.1	669.0	672.1	675.6	679.2	682.9	684.8	687.0
137.5°	635.1	637.8	640.9	643.6	646.7	649.4	652.7	655.6	659.1	660.2	662.0
140°	617.8	620.8	623.8	626.7	629.8	632.8	636.4	639.5	643.0	644.2	646.0
142.5°	605.8	607.9	610.3	612.7	615.4	617.6	620.4	623.4	626.3	627.7	629.1
145°	592.2	594.7	597.5	600.1	602.8	605.7	609.0	612.2	615.5	616.5	617.7
147.5°	583.5	585.5	588.1	590.5	593.0	595.3	598.4	601.1	604.2	605.3	606.3
150°	572.9	575.1	577.6	579.9	582.6	585.3	588.2	591.3	594.8	596.1	597.4
152.5°	563.6	565.9	568.6	571.4	574.2	577.1	580.4	583.5	586.8	587.9	589.6
155°	556.2	558.4	561.2	564.0	567.0	569.6	572.8	575.7	579.0	580.5	581.8
157.5°	552.9	554.9	557.5	560.1	562.5	565.1	568.1	570.7	573.6	574.7	575.9
160°	551.9	553.8	556.2	558.6	560.8	563.2	565.7	568.1	570.6	571.7	572.9
162.5°	551.8	553.8	556.3	558.2	560.7	562.9	565.5	567.6	570.2	571.1	572.3
165°	553.6	555.4	557.2	558.7	560.7	562.1	564.2	565.8	568.0	568.7	570.1
167.5°	560.6	561.7	562.9	564.2	565.8	567.2	568.7	570.0	571.6	572.6	573.7
170°	563.9	565.0	566.0	567.4	568.6	569.9	571.1	572.1	573.8	574.6	575.6
172.5°	568.6	569.0	570.0	570.6	571.5	572.1	573.2	573.9	574.8	575.9	576.7
175°	573.8	574.1	574.5	574.7	575.1	575.5	576.1	576.8	577.2	578.0	578.6
177.5°	579.4	579.6	579.9	580.1	580.7	580.9	581.4	581.6	581.9	582.6	583.5
180°	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7



TEST NUMBER: P1444424
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CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1
2.5°	51493.5	51493.0	51491.3	51489.0	51486.6	51488.0	51490.3	51496.2	51506.6	51521.6	51541.0
5°	51312.8	51323.3	51329.2	51330.0	51324.7	51321.4	51326.4	51340.5	51369.1	51416.9	51481.7
7.5°	51123.2	51136.2	51156.2	51171.1	51174.0	51170.3	51171.1	51193.3	51246.0	51339.2	51470.0
10°	50920.8	50882.4	50902.6	50939.8	50969.3	50974.7	50978.3	51004.5	51081.5	51222.4	51432.5
12.5°	50733.9	50612.1	50588.6	50622.1	50666.9	50681.3	50677.3	50688.6	50778.7	50965.3	51258.0
15°	50488.1	50258.9	50180.6	50189.2	50244.6	50264.4	50249.9	50227.7	50315.6	50543.2	50922.2
17.5°	50090.2	49720.7	49576.7	49570.4	49635.0	49652.3	49616.7	49547.8	49634.3	49918.5	50389.0
20°	49485.3	48939.8	48668.7	48625.6	48695.9	48675.4	48604.3	48500.2	48613.9	48959.4	49518.9
22.5°	48397.9	47706.7	47243.5	47094.2	47178.2	47122.1	47018.6	46885.5	47036.6	47429.1	48052.1
25°	46621.0	45822.4	45188.2	44832.5	44899.5	44798.9	44686.2	44525.0	44705.2	45155.7	45841.5
27.5°	44009.3	43086.7	42300.9	41712.0	41733.6	41601.9	41472.0	41263.4	41488.3	42021.5	42795.1
30°	40536.3	39468.8	38511.8	37711.4	37639.8	37512.1	37379.0	37105.2	37386.7	38025.1	38929.0
32.5°	36174.8	34989.6	33883.8	32871.8	32680.9	32556.3	32437.7	32122.6	32491.2	33235.5	34274.0
35°	31074.3	29811.6	28612.8	27457.0	27140.7	27016.1	26912.5	26610.6	27070.5	27880.4	29002.1
37.5°	25475.6	24185.8	22995.6	21810.3	21363.5	21194.4	21119.2	20921.3	21451.9	22253.1	23379.3
40°	19728.1	18528.9	17461.8	16414.9	15905.5	15646.8	15607.3	15571.3	16084.3	16779.4	17801.6
42.5°	14351.4	13383.9	12561.0	11760.9	11299.3	10945.9	10945.8	11053.0	11514.8	12035.5	12823.8
45°	9927.3	9278.1	8753.8	8219.1	8362.0	7657.7	8071.5	7859.2	8087.4	8423.0	8935.7
47.5°	6824.1	6469.6	6181.6	5883.0	5665.2	5457.3	5475.4	5609.5	5824.6	6023.6	6290.4
50°	4973.7	4793.1	4646.3	4491.3	4382.9	4291.2	4296.5	4354.5	4467.5	4572.5	4712.0
52.5°	3897.2	3797.6	3717.9	3632.1	3575.3	3529.7	3532.2	3560.4	3621.4	3681.3	3761.4
55°	3212.3	3200.1	3096.5	3019.6	2990.3	2959.7	2965.2	2976.3	3017.9	3052.9	3105.9
57.5°	2691.8	2645.3	2614.2	2573.7	2555.1	2533.6	2538.4	2542.6	2570.4	2593.9	2632.1
60°	2324.3	2291.4	2269.3	2241.8	2229.6	2216.0	2219.0	2221.5	2239.4	2254.6	2282.1
62.5°	2080.3	2050.7	2031.6	2010.3	2001.7	1992.5	1994.6	1995.4	2006.5	2017.8	2038.5
65°	1893.0	1869.6	1853.7	1835.3	1826.3	1816.7	1817.7	1817.7	1827.1	1835.3	1850.8
67.5°	1694.9	1677.4	1667.0	1652.4	1646.3	1636.6	1636.4	1633.3	1639.4	1642.7	1653.2
70°	1536.0	1518.2	1505.0	1491.0	1483.3	1474.8	1475.0	1475.2	1482.2	1489.7	1503.3
72.5°	1437.8	1420.8	1409.1	1396.9	1389.6	1382.2	1380.9	1380.2	1385.4	1389.4	1398.4
75°	1307.8	1294.1	1287.3	1275.8	1270.0	1261.9	1260.5	1256.7	1259.1	1259.9	1266.6
77.5°	1150.1	1137.1	1131.6	1120.0	1115.1	1105.8	1105.1	1100.8	1102.7	1101.4	1106.6
80°	970.3	958.6	955.4	945.9	943.6	934.9	933.6	928.5	930.0	926.0	927.9
82.5°	769.6	758.9	756.5	747.7	747.7	739.9	739.5	731.6	731.6	725.0	714.2
85°	542.0	534.3	530.9	523.7	521.6	515.3	512.0	504.5	501.9	497.0	495.5
87.5°	286.1	281.1	276.7	273.2	266.9	255.6	254.7	246.8	247.4	241.9	242.3
90°	70.1	63.4	62.1	55.8	54.0	49.5	48.1	48.3	49.6	50.0	51.5
92.5°	57.8	55.7	53.7	51.6	49.5	47.4	45.4	47.4	49.5	51.6	53.7
95°	65.4	63.6	61.8	59.9	58.0	56.2	54.4	56.2	58.0	60.1	62.0
97.5°	72.8	71.6	70.5	69.3	68.2	67.0	65.9	67.1	68.3	69.4	70.6
100°	83.9	82.5	81.2	79.8	78.4	77.1	75.7	77.5	78.8	80.2	81.6
102.5°	143.2	134.7	126.1	117.6	109.2	100.7	92.2	100.7	109.2	117.9	126.3
105°	334.6	306.1	277.4	248.7	220.1	191.4	162.8	191.6	220.3	248.9	277.8
107.5°	668.6	618.5	568.1	517.7	467.2	416.8	366.4	417.0	467.5	517.9	568.4
110°	990.4	947.0	903.7	860.3	816.7	773.3	729.7	773.5	817.1	860.7	904.3



TEST NUMBER: P1444424
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CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	1165.6	1139.4	1113.0	1086.8	1060.2	1033.9	1007.3	1034.3	1060.9	1087.7	1114.1
115°	1204.1	1190.3	1176.8	1162.9	1148.8	1135.0	1120.8	1135.6	1149.9	1164.1	1178.3
117.5°	1162.9	1158.4	1153.6	1148.9	1144.1	1139.3	1134.2	1139.7	1145.0	1150.7	1155.5
120°	1076.2	1077.4	1078.1	1078.7	1079.5	1080.0	1080.4	1080.8	1080.8	1080.8	1080.6
122.5°	981.8	985.8	989.6	993.5	997.3	1001.0	1004.4	1001.7	998.8	996.0	992.7
125°	895.1	899.5	903.5	907.6	911.3	915.5	918.6	916.4	913.4	910.4	907.1
127.5°	822.3	826.2	829.8	833.8	837.2	840.7	843.7	841.8	839.3	836.8	833.8
130°	762.8	766.3	769.0	772.1	774.7	777.2	779.5	778.4	776.8	775.5	773.4
132.5°	720.7	723.6	726.1	728.5	730.3	732.6	733.9	733.7	732.8	732.1	730.6
135°	689.1	691.1	693.0	695.1	696.4	697.8	698.6	699.2	698.9	698.7	697.9
137.5°	663.2	664.9	666.0	667.2	668.0	668.7	669.0	670.1	670.5	671.3	671.2
140°	647.2	648.9	650.1	651.2	652.2	653.1	653.2	654.5	654.9	655.4	655.2
142.5°	630.5	632.0	633.3	634.7	635.3	636.2	636.5	637.6	638.0	638.5	638.5
145°	619.0	620.0	621.1	622.1	622.7	623.1	623.0	624.5	625.2	625.8	626.3
147.5°	607.4	608.6	609.2	610.0	610.6	611.1	611.2	612.2	613.1	613.7	614.2
150°	598.8	600.2	601.4	602.5	603.3	604.1	604.3	605.2	605.6	606.1	606.1
152.5°	590.6	591.7	592.8	593.8	594.6	595.2	595.5	596.3	597.1	597.8	598.0
155°	583.0	584.3	585.4	586.6	587.3	588.3	589.1	589.9	590.5	590.8	591.2
157.5°	577.0	578.4	579.4	580.5	581.3	582.4	583.2	584.1	584.7	585.5	585.8
160°	573.8	575.2	575.9	577.1	578.1	579.1	579.8	580.8	581.5	582.1	582.9
162.5°	573.2	574.4	574.9	576.1	577.0	578.1	578.8	579.8	580.5	581.3	581.9
165°	571.3	572.5	573.4	574.6	575.8	577.0	577.8	578.6	579.0	579.4	579.8
167.5°	574.6	575.8	576.6	577.9	578.6	579.9	580.9	581.4	581.7	582.1	582.4
170°	576.4	577.5	578.5	579.3	580.2	581.3	581.9	582.3	582.5	582.9	583.3
172.5°	577.7	578.8	579.7	580.8	581.7	582.7	583.6	583.8	583.8	583.7	583.5
175°	579.3	580.2	580.9	581.7	582.4	583.2	584.0	583.7	583.9	583.6	583.6
177.5°	584.4	585.5	586.3	587.0	587.9	588.7	589.6	588.9	588.3	587.8	587.1
180°	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7



TEST NUMBER: P1444424
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CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1
2.5°	51568.6	51594.5	51633.9	51669.7	51723.6	51766.0	51829.8	51878.2	51950.2	51996.9	52075.3
5°	51573.2	51674.1	51806.8	51936.3	52091.9	52233.2	52408.8	52558.4	52734.9	52878.9	53059.5
7.5°	51646.2	51840.7	52073.9	52308.9	52574.7	52823.2	53103.3	53356.8	53633.9	53868.5	54124.7
10°	51699.9	52000.0	52343.7	52689.5	53053.5	53391.6	53733.1	54028.1	54303.9	54530.8	54731.3
12.5°	51627.0	52040.4	52481.4	52907.2	53312.0	53662.1	53955.8	54182.7	54339.3	54445.5	54470.5
15°	51379.1	51876.5	52356.0	52780.1	53116.0	53375.0	53509.1	53571.8	53504.4	53392.6	53146.8
17.5°	50915.9	51440.5	51869.3	52203.7	52381.2	52451.6	52340.5	52147.2	51769.7	51350.5	50745.2
20°	50066.7	50555.5	50866.5	51048.9	51001.4	50825.9	50406.5	49896.9	49142.9	48339.6	47279.3
22.5°	48577.2	49004.5	49170.2	49183.8	48894.0	48454.4	47698.1	46823.9	45634.5	44398.2	42877.7
25°	46341.3	46715.6	46741.8	46594.8	46064.6	45352.1	44241.5	43004.8	41388.8	39741.3	37835.9
27.5°	43309.1	43668.1	43580.2	43305.8	42569.8	41616.4	40194.5	38596.8	36604.5	34658.6	32550.9
30°	39497.3	39881.2	39778.0	39426.1	38550.7	37423.8	35750.7	33894.5	31682.6	29604.3	27468.3
32.5°	34935.7	35421.1	35349.9	35015.4	34101.9	32895.9	31080.5	29111.8	26848.7	24800.7	22723.0
35°	29751.0	30340.3	30370.8	30152.0	29304.1	28112.1	26319.5	24413.9	22246.2	20313.8	18394.5
37.5°	24164.9	24848.1	24988.5	24929.6	24226.6	23174.5	21541.1	19831.7	17911.4	16217.8	14576.2
40°	18548.0	19239.6	19479.6	19550.8	19032.1	18217.1	16876.6	15496.8	13931.3	12559.0	11255.6
42.5°	13425.7	14038.7	14270.6	14416.5	14092.7	13549.3	12571.4	11569.4	10422.5	9432.7	8483.8
45°	9324.4	9758.0	9934.4	10081.2	9904.9	9598.3	8980.8	8354.1	7597.1	6950.2	6337.9
47.5°	6519.2	6758.4	6874.8	6946.1	6877.6	6717.8	6381.7	6018.7	5591.3	5213.3	4850.0
50°	4832.1	4959.4	5020.4	5061.5	5011.7	4922.9	4741.0	4543.3	4308.6	4094.5	3885.3
52.5°	3829.4	3902.3	3938.5	3960.7	3932.2	3877.8	3771.9	3654.7	3513.9	3381.7	3312.1
55°	3226.0	3222.1	3305.9	3265.4	3305.9	3215.7	3196.7	3067.9	2951.0	2868.7	2779.7
57.5°	2660.4	2698.3	2714.4	2732.4	2720.7	2704.2	2659.2	2613.1	2551.5	2499.9	2445.0
60°	2302.9	2334.1	2351.7	2369.5	2368.4	2362.3	2336.2	2308.6	2270.1	2239.4	2206.0
62.5°	2056.6	2083.7	2101.0	2118.1	2119.6	2117.2	2097.4	2078.3	2052.1	2032.7	2009.7
65°	1862.9	1881.9	1893.7	1907.3	1906.5	1902.9	1885.1	1869.2	1847.6	1834.2	1817.3
67.5°	1660.1	1674.4	1683.6	1696.5	1699.0	1699.8	1690.0	1682.5	1672.0	1668.2	1662.4
70°	1515.9	1533.4	1548.1	1564.4	1573.1	1577.4	1573.1	1569.3	1563.2	1560.5	1556.2
72.5°	1406.7	1421.5	1433.0	1447.7	1456.0	1461.9	1458.7	1456.6	1451.2	1450.4	1447.4
75°	1271.2	1281.3	1287.9	1299.0	1303.4	1309.0	1306.5	1307.8	1306.0	1310.3	1310.1
77.5°	1108.3	1115.8	1118.8	1126.9	1127.7	1134.3	1135.8	1143.7	1149.3	1161.5	1168.0
80°	924.8	929.6	929.6	937.9	941.5	952.8	958.1	971.0	976.9	987.8	988.8
82.5°	718.4	712.9	718.4	715.0	725.5	738.2	739.9	750.8	753.3	760.2	754.8
85°	491.2	490.8	486.3	487.1	483.8	485.4	483.5	485.6	483.7	483.8	478.9
87.5°	235.3	237.4	232.3	234.0	229.0	231.3	226.9	230.4	225.2	225.9	218.2
90°	52.3	53.5	54.3	55.7	57.7	61.3	65.3	69.0	73.6	77.0	81.1
92.5°	55.7	57.9	59.9	62.1	64.1	70.2	76.5	82.6	89.1	95.0	101.3
95°	63.8	65.6	67.5	69.7	71.5	80.5	89.4	98.4	107.3	116.2	125.1
97.5°	72.1	73.4	74.5	75.7	77.0	87.5	98.1	108.6	119.2	129.7	140.0
100°	83.0	84.5	85.9	87.4	88.8	113.1	137.4	161.7	186.1	210.1	234.4
102.5°	135.0	143.5	152.0	160.8	169.3	228.2	287.2	346.1	404.6	463.6	522.5
105°	306.5	335.2	364.2	392.9	421.6	510.8	600.0	689.1	777.9	867.0	956.2
107.5°	619.0	669.5	720.1	770.6	821.0	905.0	988.7	1072.4	1156.3	1240.1	1323.5
110°	948.2	991.3	1035.3	1078.9	1122.5	1188.8	1255.6	1321.9	1388.4	1454.9	1521.2



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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°	1140.9	1167.3	1193.9	1220.1	1246.7	1295.5	1344.6	1393.2	1442.1	1490.4	1539.1
115°	1192.4	1206.1	1220.3	1234.1	1248.3	1277.8	1307.1	1336.4	1365.9	1394.9	1424.4
117.5°	1160.7	1165.7	1170.7	1175.4	1180.4	1195.4	1210.5	1225.4	1240.5	1255.5	1270.3
120°	1080.4	1079.8	1079.5	1078.7	1078.3	1082.7	1087.5	1091.8	1096.6	1100.8	1105.2
122.5°	989.4	985.8	982.4	978.6	975.1	973.0	971.4	969.2	967.8	965.6	963.8
125°	903.7	900.0	896.4	892.6	888.5	884.2	879.7	875.2	870.6	865.9	861.4
127.5°	831.1	827.7	824.6	820.9	817.4	812.1	807.2	801.9	797.1	791.7	786.6
130°	771.5	768.9	766.7	763.6	761.2	756.2	752.0	747.4	742.8	738.3	733.6
132.5°	729.3	727.4	725.7	723.3	721.4	717.2	713.5	708.9	704.9	700.6	696.7
135°	697.2	696.1	695.1	693.5	692.1	688.5	685.6	682.3	679.2	675.8	672.7
137.5°	671.3	670.6	670.1	669.4	668.7	665.7	663.3	660.4	657.8	654.9	652.4
140°	655.3	654.8	654.5	653.8	653.1	650.2	647.5	644.4	641.7	638.8	636.0
142.5°	638.4	638.0	637.8	637.1	636.6	634.2	632.1	629.9	627.6	625.3	623.2
145°	626.4	626.3	626.4	625.9	626.1	623.3	620.9	618.1	616.0	613.3	610.9
147.5°	614.7	614.7	614.9	614.8	615.2	612.8	611.1	608.7	606.9	604.7	602.9
150°	606.3	606.3	606.4	606.1	605.9	603.7	601.9	599.6	597.9	595.6	593.8
152.5°	598.2	598.4	598.7	598.7	598.9	596.9	594.9	592.7	590.7	588.3	586.4
155°	591.6	591.8	592.0	592.0	592.0	590.2	588.3	586.2	584.4	582.4	580.6
157.5°	586.2	586.6	587.0	587.2	587.4	585.8	584.2	582.6	581.0	579.3	577.7
160°	583.2	583.8	584.2	584.4	584.7	583.3	582.4	580.6	579.6	577.9	576.3
162.5°	582.4	583.0	583.4	583.6	583.9	582.5	581.6	580.2	578.9	577.0	575.7
165°	580.3	580.3	580.6	580.6	580.8	579.9	579.2	578.3	577.3	576.1	575.2
167.5°	582.7	582.7	583.1	582.9	583.1	582.4	582.3	581.5	580.8	580.1	579.4
170°	583.3	583.5	583.7	583.6	583.8	583.1	582.6	582.0	581.6	580.6	579.9
172.5°	583.6	583.3	583.2	583.2	582.9	582.4	582.2	581.7	581.5	581.0	580.6
175°	583.3	583.1	582.9	582.7	582.4	582.4	582.1	582.1	581.9	581.6	581.4
177.5°	586.8	586.3	585.6	585.1	584.6	584.4	584.4	584.1	584.3	584.1	583.9
180°	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7



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CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1
2.5°	52123.7	51801.9	51759.3	51781.9	51835.8	51855.6	51913.7	51929.6	51987.9	52002.3	52058.4
5°	53199.2	52773.7	52795.0	52897.2	53052.2	53144.4	53296.7	53376.3	53521.7	53587.8	53719.1
7.5°	54333.3	53999.3	54103.4	54275.9	54487.7	54634.3	54817.3	54936.3	55093.9	55191.7	55317.9
10°	54890.2	54798.7	54913.3	55049.1	55169.9	55264.5	55342.0	55404.1	55444.7	55482.8	55499.4
12.5°	54466.4	54608.1	54627.7	54614.4	54534.4	54473.3	54336.1	54242.8	54077.2	53976.3	53779.2
15°	52895.5	53207.1	53034.6	52773.4	52391.2	52072.6	51622.7	51287.6	50819.0	50501.2	50030.9
17.5°	50138.6	50531.9	50082.3	49478.0	48709.3	48051.6	47232.6	46582.5	45768.2	45176.0	44416.0
20°	46257.6	46625.1	45823.3	44821.5	43632.3	42631.5	41451.1	40509.4	39412.6	38596.8	37612.2
22.5°	41425.3	41687.0	40557.6	39207.0	37691.9	36441.5	35030.4	33901.4	32649.7	31717.0	30667.1
25°	36079.2	36149.9	34795.1	33239.1	31550.4	30145.2	28638.6	27451.7	26175.1	25229.7	24199.5
27.5°	30683.5	30579.9	29115.4	27465.7	25689.3	24228.7	22759.3	21647.1	20529.0	19677.5	18789.8
30°	25590.6	25339.7	23819.2	22123.4	20399.2	19090.1	17870.2	16976.9	16087.5	15412.0	14699.5
32.5°	20920.2	20566.3	19086.2	17497.6	16044.6	15034.4	14129.8	13453.9	12735.7	12165.1	11567.2
35°	16783.5	16406.5	15095.2	13748.4	12648.8	11904.1	11193.1	10638.7	10028.9	9547.5	9028.1
37.5°	13233.3	12924.3	11826.0	10766.2	9934.4	9357.3	8774.9	8321.6	7817.6	7605.8	7051.0
40°	10216.0	10000.1	9141.3	8360.1	7735.5	7464.4	6873.1	6449.7	6073.1	5762.5	5461.7
42.5°	7968.7	7892.3	7056.5	6447.2	6007.4	5665.8	5336.3	5068.8	4808.4	4594.3	4392.1
45°	5847.9	5787.4	5416.3	5064.6	4764.9	4526.2	4303.5	4119.4	3949.2	3808.1	3679.8
47.5°	4553.7	4534.3	4320.6	4102.6	3913.8	3760.4	3615.9	3493.7	3380.8	3286.5	3255.8
50°	3703.7	3701.2	3575.8	3441.2	3306.8	3218.2	3125.9	3053.6	2981.1	2924.6	2864.9
52.5°	3147.0	3133.3	3048.7	2965.6	2885.7	2827.5	2768.6	2722.4	2674.4	2639.5	2602.4
55°	2709.2	2723.6	2674.6	2624.9	2575.0	2538.7	2497.5	2467.0	2434.0	2412.0	2389.6
57.5°	2405.2	2424.1	2398.4	2370.3	2339.9	2316.1	2287.6	2266.5	2244.5	2230.5	2217.5
60°	2184.0	2204.7	2194.4	2180.1	2161.4	2147.3	2129.0	2117.4	2103.2	2095.3	2088.0
62.5°	1996.3	2022.2	2018.5	2011.8	1999.7	1992.0	1982.0	1976.8	1967.4	1964.0	1960.5
65°	1809.0	1838.2	1837.6	1834.4	1827.6	1825.4	1819.2	1818.1	1813.3	1815.2	1814.8
67.5°	1661.8	1687.1	1692.7	1696.6	1696.5	1698.0	1697.4	1700.0	1700.0	1703.6	1705.9
70°	1555.6	1573.1	1577.4	1581.6	1582.7	1586.1	1586.1	1588.3	1587.8	1590.8	1591.2
72.5°	1448.1	1471.3	1475.6	1479.0	1479.0	1482.2	1480.5	1479.9	1475.4	1474.4	1471.1
75°	1314.5	1344.2	1350.6	1354.9	1355.5	1358.3	1354.3	1351.9	1344.2	1341.1	1335.7
77.5°	1174.9	1205.8	1210.3	1211.8	1209.4	1210.0	1201.5	1195.8	1186.0	1181.9	1176.8
80°	993.2	1038.6	1042.2	1039.4	1032.2	1031.1	1022.8	1017.5	1005.9	1001.8	997.4
82.5°	755.7	809.0	816.5	819.7	814.0	815.3	807.5	804.4	793.7	791.8	784.7
85°	477.2	530.4	539.2	537.9	532.1	530.7	526.2	527.7	526.8	529.6	531.1
87.5°	219.3	270.7	283.2	279.2	278.6	275.0	266.7	269.8	274.8	278.0	278.2
90°	85.1	104.5	108.1	106.1	99.2	96.5	90.0	88.2	82.4	80.5	74.9
92.5°	107.5	113.7	119.9	114.3	108.9	103.3	97.9	92.2	86.9	81.2	75.9
95°	134.1	142.6	151.6	144.2	136.7	129.4	122.0	114.7	107.4	100.0	92.7
97.5°	150.5	160.7	171.1	163.8	156.5	148.9	141.6	134.3	126.9	119.4	112.1
100°	258.7	282.3	306.4	285.5	264.5	243.7	222.8	201.7	180.8	160.0	138.9
102.5°	581.2	639.5	698.0	645.1	592.1	539.2	486.4	433.6	380.8	327.7	275.0
105°	1045.0	1133.3	1222.1	1141.0	1060.4	979.7	899.0	818.3	737.6	656.8	576.2
107.5°	1407.2	1489.6	1572.7	1499.7	1426.6	1353.8	1280.4	1207.6	1134.4	1061.4	988.5
110°	1587.5	1652.1	1718.1	1668.7	1619.6	1570.3	1521.3	1472.1	1423.1	1374.3	1325.3



TEST NUMBER: P1444424
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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°	1587.6	1634.0	1681.9	1652.6	1624.0	1594.9	1566.2	1537.2	1508.7	1479.6	1451.3
115°	1453.2	1479.8	1508.3	1496.2	1484.7	1473.0	1461.3	1449.9	1438.2	1426.7	1415.5
117.5°	1285.1	1296.8	1310.5	1307.8	1305.5	1302.7	1300.5	1297.9	1295.9	1293.4	1291.4
120°	1109.5	1110.4	1113.7	1114.4	1115.7	1116.4	1117.5	1118.5	1119.7	1120.7	1122.1
122.5°	961.7	955.8	952.6	953.4	954.2	954.7	955.7	956.4	957.4	958.3	959.5
125°	856.7	847.8	841.9	839.3	836.8	834.1	831.5	828.9	826.7	824.3	821.9
127.5°	781.4	771.6	765.1	760.0	754.8	749.5	744.3	738.9	733.9	728.6	723.9
130°	729.2	719.6	713.8	707.2	701.2	694.4	688.3	681.8	675.3	669.0	662.7
132.5°	692.4	683.0	677.5	671.5	665.6	659.1	653.2	646.8	640.7	634.2	628.3
135°	669.4	660.6	656.2	650.3	645.2	639.3	633.7	627.9	622.4	616.4	611.2
137.5°	649.4	640.8	637.0	632.2	627.9	623.2	618.9	614.0	609.5	604.4	600.2
140°	633.0	624.0	619.8	617.1	614.7	611.6	608.8	605.9	603.3	600.4	597.5
142.5°	620.9	612.1	608.5	606.6	605.0	603.0	601.6	599.5	597.6	595.3	593.5
145°	608.5	598.6	594.8	594.1	594.0	593.5	593.0	592.5	592.0	591.3	590.8
147.5°	600.5	590.6	586.6	586.8	586.9	586.6	587.0	586.6	586.9	586.7	586.8
150°	591.4	580.1	575.5	576.0	576.4	576.9	577.5	577.9	578.7	579.0	579.5
152.5°	584.0	570.5	565.4	565.9	566.9	567.2	567.9	568.7	569.6	570.3	571.0
155°	578.1	563.4	558.0	557.9	558.1	558.5	558.7	559.2	559.6	560.1	560.7
157.5°	575.6	560.2	554.9	554.4	554.5	554.5	554.5	554.8	555.1	555.3	556.0
160°	574.7	559.4	554.1	553.6	553.7	553.5	553.3	553.4	553.6	553.8	554.3
162.5°	574.0	559.1	554.0	553.4	553.1	553.0	553.0	552.6	552.8	552.9	553.3
165°	573.9	560.7	556.2	556.0	556.0	555.9	556.0	556.1	556.3	556.6	557.0
167.5°	578.4	566.6	563.0	562.4	561.8	561.3	561.3	560.5	560.5	560.1	560.1
170°	579.1	569.7	566.6	566.4	566.6	566.5	566.3	566.3	566.3	566.3	566.5
172.5°	579.9	573.1	570.7	571.0	571.4	571.7	572.1	572.5	572.9	573.4	573.8
175°	581.2	577.0	576.0	575.9	576.2	576.4	576.6	576.9	577.1	577.3	578.0
177.5°	583.8	582.6	582.0	582.0	582.0	582.0	582.0	582.0	582.0	582.2	582.2
180°	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7



TEST NUMBER: P1444424
 CATALOG NUMBER: EHBR1-60-UNV-TA-L840-UPL36

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1
2.5°	52068.9	52129.7	52125.0	52181.7	52178.8	52232.3	52221.5	52267.7	52257.1	52296.6	52273.5
5°	53776.9	53892.4	53930.4	54034.7	54056.3	54149.5	54151.4	54225.6	54216.6	54274.6	54243.7
7.5°	55392.6	55500.4	55551.5	55632.5	55672.9	55740.0	55766.2	55821.3	55834.5	55867.1	55866.1
10°	55528.9	55528.6	55553.8	55542.5	55565.1	55552.1	55579.7	55569.8	55610.5	55599.9	55630.8
12.5°	53694.2	53512.1	53445.6	53282.2	53246.3	53106.0	53116.0	53026.0	53069.4	53014.1	53108.3
15°	49751.1	49328.7	49120.0	48752.8	48637.4	48347.2	48323.6	48130.8	48182.9	48082.0	48229.5
17.5°	43924.3	43259.3	42894.3	42358.0	42145.0	41734.6	41652.2	41404.0	41442.6	41317.5	41495.5
20°	36977.1	36173.5	35713.2	35092.9	34816.3	34326.9	34197.0	33919.5	33954.3	33829.8	34031.2
22.5°	29950.7	29109.4	28589.8	27939.7	27586.5	27126.2	26988.1	26709.1	26725.1	26608.2	26802.0
25°	23493.7	22687.2	22182.8	21592.3	21285.8	20863.7	20718.6	20468.2	20482.3	20386.0	20559.9
27.5°	18174.0	17512.3	17090.2	16595.3	16320.6	15973.6	15832.1	15621.4	15620.9	15550.2	15695.6
30°	14202.1	13649.9	13270.9	12839.9	12581.7	12268.7	12132.0	11943.5	11935.4	11885.2	12000.6
32.5°	11119.9	10628.7	10283.1	9903.7	9672.1	9403.5	9274.0	9122.6	9108.7	9063.3	9158.2
35°	8644.2	8230.6	7933.5	7614.1	7637.6	7241.3	7307.2	6999.2	6915.8	6897.6	6968.1
37.5°	6681.0	6360.6	6119.2	5880.0	5718.1	5550.5	5460.3	5379.4	5370.2	5362.3	5411.7
40°	5229.4	5005.2	4829.6	4665.5	4554.1	4451.8	4395.4	4350.9	4340.4	4334.5	4364.3
42.5°	4232.5	4081.1	3968.0	3867.8	3800.1	3744.5	3713.5	3688.8	3680.5	3680.7	3698.4
45°	3575.8	3484.1	3411.1	3349.0	3305.7	3324.7	3268.7	3298.0	3259.4	3299.3	3272.9
47.5°	3149.0	3070.9	3025.7	2981.7	2955.5	2934.4	2935.2	2935.6	2943.8	2945.1	2953.7
50°	2819.7	2774.5	2743.1	2714.9	2701.4	2690.3	2694.1	2697.0	2705.0	2705.5	2711.9
52.5°	2576.0	2546.3	2527.3	2509.9	2503.7	2497.5	2500.1	2499.0	2502.6	2500.7	2505.9
55°	2377.6	2363.6	2357.6	2351.2	2352.1	2350.4	2351.6	2345.2	2341.4	2336.6	2341.0
57.5°	2214.9	2212.9	2216.9	2219.6	2227.1	2229.8	2231.5	2224.2	2217.3	2211.0	2214.7
60°	2089.4	2092.5	2102.5	2110.4	2121.2	2126.2	2129.2	2125.1	2120.0	2114.9	2117.9
62.5°	1965.7	1970.5	1982.4	1991.4	2004.4	2011.0	2018.5	2018.9	2020.8	2018.9	2021.0
65°	1822.1	1828.0	1838.8	1846.3	1858.3	1864.2	1871.9	1873.2	1877.4	1876.4	1880.1
67.5°	1713.0	1718.3	1727.3	1734.4	1745.2	1751.2	1758.0	1758.4	1759.9	1759.5	1762.9
70°	1596.5	1599.3	1607.2	1613.2	1623.9	1630.2	1637.9	1640.2	1645.0	1645.8	1649.6
72.5°	1472.4	1471.3	1476.1	1478.8	1486.9	1491.8	1501.6	1506.9	1515.0	1517.0	1520.0
75°	1337.2	1336.1	1341.9	1344.2	1351.1	1356.0	1367.0	1374.1	1386.5	1391.6	1390.3
77.5°	1180.8	1183.6	1194.3	1200.2	1209.4	1215.6	1229.9	1241.2	1264.0	1273.9	1263.8
80°	1005.9	1008.7	1019.8	1025.3	1037.5	1045.1	1061.0	1074.2	1094.7	1099.1	1093.4
82.5°	790.8	791.6	801.5	805.7	821.4	832.7	852.8	863.4	876.0	874.1	872.6
85°	539.2	546.5	558.9	571.4	590.5	608.9	627.9	643.5	632.4	649.9	630.3
87.5°	288.2	287.4	304.2	301.6	328.4	343.9	360.3	368.2	377.1	375.2	375.4
90°	73.8	69.8	70.0	65.7	67.2	62.5	65.4	61.0	64.9	59.4	68.0
92.5°	70.2	67.3	64.3	61.3	58.3	55.4	52.4	49.3	46.4	43.4	46.4
95°	85.4	82.6	79.8	76.9	74.2	71.3	68.6	65.9	63.1	60.3	63.8
97.5°	104.7	103.1	101.5	99.9	98.3	96.8	95.1	93.5	91.7	90.1	92.4
100°	118.1	118.1	118.1	118.1	117.6	117.6	117.6	117.6	117.6	117.6	119.5
102.5°	222.0	216.7	211.5	205.9	200.7	195.4	190.2	184.8	179.6	174.4	182.1
105°	495.5	474.8	454.0	433.4	412.6	391.9	371.3	350.6	330.0	309.4	330.6
107.5°	915.9	878.0	840.3	802.7	764.8	727.3	689.7	652.0	614.5	576.8	610.5
110°	1276.3	1236.2	1196.1	1156.2	1116.1	1076.0	1036.0	996.2	956.2	916.4	948.5



TEST NUMBER: P1444424
 CATALOG NUMBER: EHBR1-60-UNV-TA-L840-UPL36

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	1422.7	1396.4	1370.5	1344.6	1318.8	1293.0	1267.3	1241.6	1215.9	1190.2	1205.9
115°	1404.0	1391.7	1379.1	1366.8	1354.4	1341.9	1329.6	1317.5	1305.2	1293.1	1294.0
117.5°	1289.2	1284.8	1280.5	1276.2	1271.8	1267.8	1263.7	1259.7	1255.7	1252.0	1243.3
120°	1123.6	1124.5	1125.3	1126.5	1127.9	1129.2	1130.2	1131.8	1133.4	1135.0	1123.3
122.5°	960.7	963.2	965.8	968.6	971.6	974.7	977.7	981.2	984.6	988.0	976.3
125°	819.5	822.0	824.5	827.2	829.6	832.8	835.9	839.3	842.6	846.1	836.3
127.5°	718.9	719.3	719.6	720.4	721.1	722.2	723.5	724.9	726.5	728.3	722.1
130°	656.4	654.7	652.9	651.5	649.9	649.1	648.2	647.5	646.8	646.6	643.8
132.5°	622.0	618.8	615.7	612.7	609.8	607.5	604.9	603.0	601.0	599.3	598.6
135°	605.1	601.1	597.0	593.0	589.2	586.0	582.6	579.8	576.8	574.3	575.0
137.5°	595.4	591.5	587.2	583.4	579.6	576.4	573.0	570.0	567.3	564.7	565.9
140°	594.5	590.5	586.3	582.6	579.2	575.7	572.4	569.7	566.6	564.3	565.0
142.5°	591.4	588.1	584.2	581.0	577.5	574.6	571.7	569.2	566.3	564.3	565.2
145°	590.1	587.5	584.7	582.1	579.7	577.7	575.1	573.3	571.5	570.3	570.7
147.5°	586.6	584.8	582.5	580.8	578.6	577.2	575.4	574.2	572.9	571.9	572.1
150°	579.8	578.7	577.2	576.1	574.8	573.8	572.7	572.0	571.1	570.6	570.6
152.5°	571.7	570.8	569.5	568.6	567.5	566.8	565.8	565.3	564.6	564.1	564.0
155°	561.2	560.7	560.3	559.9	559.5	559.6	559.2	559.3	559.1	559.1	559.3
157.5°	556.2	556.3	556.0	556.4	556.4	556.5	556.5	557.0	556.9	557.5	557.9
160°	554.9	554.8	554.6	554.6	554.6	554.5	554.7	554.7	554.9	555.1	555.6
162.5°	553.5	554.1	554.3	554.7	555.3	555.7	556.3	557.0	557.4	558.2	558.7
165°	557.5	557.5	557.5	557.4	557.7	557.9	558.1	558.6	558.7	559.3	560.1
167.5°	559.9	560.3	560.3	560.8	561.2	561.8	562.2	563.1	563.6	564.6	565.2
170°	566.3	566.3	566.3	566.3	566.3	566.7	566.9	567.0	567.2	567.8	568.2
172.5°	574.1	574.1	573.7	574.1	573.7	574.1	574.1	574.3	574.3	574.4	574.6
175°	577.9	578.4	578.6	579.1	579.1	579.3	579.5	579.8	580.0	580.4	580.4
177.5°	582.2	582.4	582.4	582.4	582.4	582.6	582.6	582.6	582.6	582.4	582.6
180°	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7



TEST NUMBER: P1444424
 CATALOG NUMBER: EHBR1-60-UNV-TA-L840-UPL36

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1
2.5°	52311.9	52285.7	52312.5	52285.3	52312.5	52279.9	52302.0	52266.7	52275.8	52239.2	52248.5
5°	54289.9	54248.2	54270.4	54216.2	54221.9	54149.5	54148.2	54063.9	54041.7	53945.8	53903.7
7.5°	55889.3	55875.7	55883.4	55848.6	55844.5	55795.1	55771.6	55701.8	55658.0	55569.8	55509.4
10°	55636.2	55676.9	55687.5	55729.0	55737.7	55778.8	55787.4	55828.6	55837.3	55867.6	55868.0
12.5°	53103.9	53242.3	53275.4	53446.4	53518.5	53714.1	53819.1	54034.7	54162.7	54377.7	54509.9
15°	48225.5	48465.0	48560.5	48894.4	49079.2	49469.1	49713.9	50161.6	50477.5	50953.0	51292.1
17.5°	41511.3	41846.0	41997.1	42449.9	42745.4	43320.7	43735.5	44418.1	44940.7	45699.2	46300.5
20°	34065.7	34437.8	34642.8	35159.4	35508.1	36180.3	36698.1	37537.0	38236.5	39197.6	40019.7
22.5°	26862.7	27216.8	27444.4	27970.0	28362.6	29063.7	29642.4	30527.8	31311.5	32394.7	33380.2
25°	20625.6	20949.9	21155.7	21631.1	21999.7	22644.1	23196.7	24048.2	24815.0	25901.5	26912.1
27.5°	15767.9	16039.7	16238.0	16643.4	16968.6	17515.0	17989.7	18693.3	19354.1	20294.1	21194.0
30°	12071.7	12312.5	12505.5	12858.6	13160.0	13633.7	14051.1	14642.2	15189.1	15937.1	16652.9
32.5°	9224.8	9432.1	9604.1	9913.1	10186.6	10613.2	10989.2	11507.3	11976.7	12611.1	13200.0
35°	7033.5	7441.6	7412.6	7838.9	7907.4	8213.6	8549.1	9002.1	9417.8	9957.2	10458.5
37.5°	5459.2	5573.9	5696.8	5885.2	6083.3	6361.8	6645.2	7198.8	7401.7	7809.4	8224.4
40°	4402.3	4479.8	4561.0	4688.3	4827.0	5023.2	5229.6	5493.7	5764.2	6094.8	6432.3
42.5°	3721.7	3765.6	3817.2	3892.1	3977.6	4102.0	4240.0	4419.1	4607.3	4840.0	5077.4
45°	3325.2	3304.3	3319.6	3359.9	3411.3	3487.0	3574.1	3685.0	3807.6	3958.2	4118.6
47.5°	2955.5	2963.8	2968.5	2990.3	3017.9	3068.6	3121.4	3196.7	3342.0	3386.3	3473.8
50°	2711.3	2715.3	2714.0	2725.1	2739.0	2772.0	2806.3	2857.2	2908.1	2975.5	3039.9
52.5°	2506.7	2512.4	2511.6	2518.9	2526.3	2547.2	2568.8	2604.8	2638.1	2681.0	2718.0
55°	2345.0	2352.9	2355.9	2362.1	2365.7	2376.6	2385.3	2402.4	2416.7	2441.0	2463.4
57.5°	2220.7	2231.5	2236.4	2238.6	2234.1	2233.6	2230.7	2234.3	2237.3	2250.3	2262.9
60°	2122.9	2131.5	2132.8	2131.5	2123.4	2117.7	2108.5	2105.7	2104.2	2110.4	2117.4
62.5°	2020.4	2023.5	2021.4	2018.9	2009.7	2004.2	1994.6	1991.2	1987.9	1992.3	1996.0
65°	1878.8	1881.5	1878.8	1877.2	1869.0	1864.6	1856.6	1853.8	1849.3	1850.4	1849.7
67.5°	1763.7	1766.4	1764.2	1762.1	1756.5	1753.7	1747.8	1744.0	1738.4	1736.3	1732.5
70°	1649.0	1651.1	1647.9	1645.8	1639.2	1636.7	1631.1	1630.0	1625.6	1624.7	1620.3
72.5°	1517.0	1517.2	1512.7	1511.3	1506.5	1506.3	1504.0	1506.1	1505.9	1508.3	1507.3
75°	1382.1	1380.2	1374.5	1373.5	1369.8	1371.5	1369.0	1372.3	1372.7	1377.7	1378.3
77.5°	1246.9	1239.9	1228.9	1223.7	1216.5	1215.5	1211.3	1214.1	1213.2	1219.0	1221.2
80°	1076.1	1067.5	1053.5	1046.8	1038.2	1036.8	1033.0	1036.8	1034.9	1041.6	1046.4
82.5°	859.2	851.7	837.2	831.8	821.8	822.7	818.6	822.7	822.2	832.1	837.9
85°	635.5	630.5	615.6	602.4	587.6	579.1	570.6	569.1	566.6	570.6	574.0
87.5°	367.1	362.4	350.8	343.2	317.2	318.4	308.2	307.7	305.2	302.9	308.2
90°	66.6	74.0	73.0	79.6	79.4	87.1	87.4	94.7	94.3	101.4	102.2
92.5°	49.3	52.4	55.3	58.3	61.2	64.3	67.2	70.2	76.7	82.6	89.5
95°	67.2	70.6	74.1	77.6	81.0	84.5	87.9	91.3	100.7	110.1	119.6
97.5°	94.8	97.0	99.3	101.5	103.8	106.1	108.4	110.7	121.0	131.1	141.2
100°	121.3	123.1	124.9	126.8	128.6	130.5	132.3	134.1	154.0	173.4	193.0
102.5°	189.9	197.8	205.5	213.3	221.3	229.1	236.9	244.7	289.6	334.3	379.1
105°	352.0	373.3	394.9	416.2	437.6	458.9	480.5	501.8	573.5	645.1	717.0
107.5°	644.2	677.9	711.6	745.7	779.4	813.3	847.0	880.9	950.7	1020.8	1090.7
110°	980.5	1012.9	1045.0	1077.3	1109.4	1141.8	1174.1	1206.6	1248.6	1290.5	1332.7



TEST NUMBER: P1444424
 CATALOG NUMBER: EHBR1-60-UNV-TA-L840-UPL36

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	1221.5	1237.1	1252.9	1268.7	1284.5	1300.5	1316.2	1332.3	1353.5	1374.5	1395.7
115°	1295.1	1296.0	1297.3	1298.4	1299.7	1300.8	1302.4	1303.7	1310.7	1317.6	1324.4
117.5°	1234.7	1226.2	1218.0	1209.4	1201.1	1193.1	1185.0	1177.1	1176.0	1175.0	1174.2
120°	1112.2	1100.7	1089.3	1077.9	1067.0	1055.8	1045.1	1034.3	1029.1	1023.8	1018.8
122.5°	965.0	953.7	942.5	931.4	920.5	909.7	899.1	888.6	885.1	881.7	878.4
125°	826.9	817.6	808.3	799.2	790.6	781.8	773.3	764.8	765.2	765.3	766.1
127.5°	716.5	710.9	705.5	700.2	695.4	690.4	685.7	680.9	684.2	687.2	690.6
130°	641.5	639.3	637.5	635.3	634.1	632.3	630.9	629.4	634.8	639.5	644.8
132.5°	598.6	598.5	598.7	598.9	599.5	600.2	601.2	601.8	607.6	613.2	619.0
135°	575.8	576.9	578.5	579.8	581.7	583.4	585.5	587.2	593.0	598.2	604.0
137.5°	567.5	568.9	570.7	572.5	574.9	576.9	579.6	581.8	586.2	590.8	595.2
140°	566.5	567.5	569.3	570.9	572.6	574.5	576.8	578.7	582.6	586.0	589.6
142.5°	566.6	567.5	569.0	570.7	572.4	574.0	575.9	577.7	580.6	583.0	586.3
145°	571.8	572.5	573.9	574.9	576.3	577.7	579.3	580.7	582.7	584.4	586.3
147.5°	572.8	573.4	574.3	575.3	576.4	577.5	578.4	579.4	580.9	582.1	583.5
150°	571.1	571.4	572.0	572.3	573.3	573.9	574.9	575.4	576.6	577.6	579.1
152.5°	564.7	564.9	565.4	565.7	566.6	567.1	567.6	568.3	569.5	570.3	571.5
155°	559.9	560.7	561.4	562.0	562.9	563.3	564.3	564.8	565.8	566.6	567.6
157.5°	558.6	559.0	560.0	560.3	561.3	561.9	562.6	563.2	564.1	564.7	565.5
160°	556.6	557.7	558.4	559.4	560.4	561.2	562.2	563.1	563.9	564.5	565.2
162.5°	559.5	560.3	561.0	561.6	562.4	563.1	563.7	564.4	565.6	566.3	567.5
165°	561.0	561.9	563.0	563.6	564.8	565.8	566.7	567.7	568.2	569.0	569.5
167.5°	566.3	566.9	568.1	568.9	569.9	570.7	571.7	572.5	573.2	573.6	574.4
170°	569.1	569.8	570.6	571.5	572.2	572.8	573.9	574.5	575.4	576.0	577.1
172.5°	575.3	575.9	576.5	577.0	577.7	578.4	579.1	579.5	580.3	580.8	581.5
175°	580.4	580.4	580.6	580.8	581.0	581.0	581.2	581.6	581.8	581.9	582.1
177.5°	582.8	583.1	583.3	583.5	583.7	584.0	584.2	584.4	584.4	584.4	584.4
180°	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7



TEST NUMBER: P1444424
 CATALOG NUMBER: EHBR1-60-UNV-TA-L840-UPL36

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1
2.5°	52212.0	52214.2	52172.2	52169.8	52130.4	52125.4	52086.9	52075.3	52044.0	52032.7	52000.9
5°	53796.0	53744.8	53626.2	53556.5	53439.4	53361.8	53235.0	53152.3	53030.0	52937.7	52814.6
7.5°	55398.1	55318.5	55185.4	55077.6	54915.0	54785.3	54595.1	54439.3	54233.2	54055.0	53838.5
10°	55868.0	55855.8	55821.9	55772.5	55696.9	55611.8	55482.4	55347.4	55166.9	54970.8	54730.3
12.5°	54711.9	54836.7	55006.9	55107.8	55230.6	55284.4	55334.8	55322.2	55289.1	55189.9	55050.8
15°	51783.3	52134.0	52598.6	52958.6	53372.7	53673.8	54006.1	54213.3	54419.9	54515.3	54573.7
17.5°	47124.4	47788.7	48621.6	49311.8	50108.3	50748.0	51449.1	51977.0	52519.9	52908.7	53260.5
20°	41140.2	42102.5	43280.6	44321.2	45531.3	46582.9	47735.3	48681.3	49656.9	50419.7	51141.8
22.5°	34649.4	35792.3	37216.5	38535.7	40095.6	41497.6	43079.5	44456.2	45893.7	47094.6	48255.6
25°	28266.6	29520.0	31077.3	32549.2	34316.0	35946.7	37822.7	39538.5	41396.3	43009.4	44602.8
27.5°	22438.2	23668.8	25258.7	26825.6	28693.8	30431.4	32441.4	34331.8	36447.3	38398.1	40393.6
30°	17647.9	18691.6	20117.1	21634.8	23477.4	25245.7	27277.4	29221.7	31422.4	33552.4	35800.1
32.5°	13981.8	14777.0	15897.8	17181.1	18881.2	20564.4	22499.1	24376.0	26543.2	28694.7	31032.5
35°	11104.1	11724.4	12578.9	13580.3	15020.1	16471.0	18182.3	19889.1	21910.9	23952.7	26224.9
37.5°	8756.2	9259.5	9928.7	10681.0	11835.8	13026.6	14429.7	15844.7	17601.5	19411.3	21470.7
40°	6837.7	7245.1	7766.1	8327.2	9199.2	10116.7	11201.8	12299.1	13710.5	15189.7	16894.0
42.5°	5371.5	5672.1	6040.2	6450.1	7263.7	7750.8	8486.6	9280.3	10317.9	11391.7	12673.1
45°	4313.8	4518.9	4774.1	5049.0	5426.6	5839.9	6343.8	6872.3	7858.0	8341.5	9120.9
47.5°	3602.4	3740.2	3902.5	4075.8	4298.4	4538.8	4837.7	5143.3	5538.5	5948.1	6428.2
50°	3123.4	3263.3	3319.1	3408.9	3537.8	3675.0	3843.5	4012.0	4224.0	4438.8	4686.0
52.5°	2767.8	2813.4	2874.0	2931.1	3011.0	3167.3	3217.8	3305.9	3424.7	3541.0	3670.8
55°	2496.3	2525.9	2565.4	2599.9	2648.1	2694.2	2760.9	2819.5	2898.8	2968.9	3055.1
57.5°	2284.9	2303.8	2331.2	2353.8	2385.1	2411.1	2450.2	2481.9	2527.5	2567.1	2619.4
60°	2131.3	2143.9	2162.4	2177.1	2197.0	2210.6	2230.0	2244.9	2269.0	2289.1	2318.2
62.5°	2005.9	2012.5	2024.5	2033.1	2045.7	2052.6	2063.0	2069.5	2082.7	2092.9	2109.1
65°	1855.5	1857.0	1865.0	1868.7	1878.6	1882.2	1890.7	1893.7	1904.6	1912.1	1926.5
67.5°	1732.2	1728.6	1728.8	1726.0	1727.3	1724.5	1725.2	1722.2	1726.5	1728.8	1739.7
70°	1619.5	1614.7	1613.2	1608.0	1606.5	1601.1	1599.6	1594.8	1594.2	1592.7	1596.5
72.5°	1509.8	1508.5	1508.9	1505.2	1504.8	1501.2	1501.4	1499.1	1501.6	1502.7	1507.6
75°	1383.6	1384.0	1386.5	1383.2	1384.1	1381.1	1382.2	1379.4	1380.9	1380.3	1385.4
77.5°	1230.1	1233.7	1240.4	1239.1	1241.2	1237.7	1239.3	1235.2	1236.3	1233.7	1235.6
80°	1057.3	1065.0	1074.0	1073.6	1077.4	1075.0	1078.4	1074.6	1076.1	1071.5	1070.3
82.5°	852.3	858.8	868.3	868.7	877.1	878.7	888.0	887.7	893.7	889.8	887.1
85°	582.7	587.0	595.5	600.1	608.7	614.1	623.1	626.7	620.2	632.0	622.7
87.5°	304.2	315.5	309.3	324.0	320.6	335.5	332.2	346.0	343.4	355.2	353.7
90°	111.4	112.9	122.5	124.6	136.1	139.3	144.9	141.0	146.1	142.5	147.7
92.5°	95.5	102.3	108.7	115.1	121.5	128.0	122.0	116.0	110.1	104.2	98.2
95°	129.0	138.3	147.7	157.2	166.6	176.0	165.9	156.0	145.9	135.8	125.7
97.5°	151.2	161.3	171.4	181.5	191.8	201.9	190.0	178.1	166.2	154.5	142.5
100°	212.5	232.2	251.6	271.2	290.9	310.4	288.4	266.1	244.1	221.8	199.6
102.5°	424.2	468.9	513.7	558.7	603.4	648.3	601.3	554.4	507.1	460.1	412.9
105°	788.7	860.5	932.2	1004.0	1075.6	1147.7	1071.4	995.0	918.6	842.4	765.8
107.5°	1160.9	1230.7	1301.0	1370.8	1441.0	1511.3	1434.0	1356.4	1279.2	1201.6	1124.1
110°	1375.1	1417.1	1459.4	1501.8	1543.9	1586.3	1529.8	1473.6	1417.1	1360.5	1304.1



TEST NUMBER: P1444424
 CATALOG NUMBER: EHBR1-60-UNV-TA-L840-UPL36

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	1416.8	1438.5	1459.5	1481.1	1502.3	1523.8	1483.4	1443.5	1403.0	1363.0	1322.5
115°	1331.7	1338.5	1345.8	1352.9	1359.9	1367.0	1340.1	1313.0	1286.1	1259.1	1231.7
117.5°	1173.4	1172.9	1171.8	1171.4	1170.3	1169.7	1154.8	1140.0	1124.9	1109.9	1094.8
120°	1013.4	1008.4	1003.2	998.2	993.0	987.7	981.8	975.7	969.4	963.2	956.9
122.5°	874.9	871.9	868.3	865.0	861.5	858.0	855.8	854.0	851.8	849.8	847.3
125°	766.5	766.8	767.3	767.9	768.1	768.5	767.4	766.8	765.8	765.1	764.0
127.5°	693.5	696.7	699.6	702.8	705.5	708.6	708.6	708.9	709.0	709.1	709.1
130°	649.5	654.8	659.7	664.3	668.9	674.0	673.5	673.5	673.2	672.9	672.7
132.5°	624.7	630.2	635.8	641.6	646.8	652.2	651.7	651.6	650.8	650.7	650.1
135°	609.1	614.6	619.5	625.1	630.0	635.2	634.5	633.9	633.0	632.6	631.9
137.5°	599.2	604.0	608.1	612.4	616.3	620.5	619.7	619.1	618.2	617.8	617.0
140°	593.1	596.6	599.9	603.4	606.7	610.0	608.8	608.0	606.8	605.8	604.6
142.5°	588.9	591.6	593.9	596.8	599.0	601.8	599.9	598.2	596.6	595.0	593.3
145°	588.1	590.2	591.9	593.6	594.9	596.9	594.7	592.9	590.5	588.7	586.4
147.5°	584.6	586.0	586.8	588.2	588.9	590.2	588.0	586.0	584.0	581.9	579.7
150°	579.8	581.2	581.9	583.0	583.8	584.9	582.6	580.5	578.1	575.8	573.7
152.5°	572.4	573.5	574.3	575.0	575.9	576.7	574.4	572.6	570.3	568.0	565.8
155°	568.0	568.9	569.3	570.1	570.3	570.8	568.8	567.3	565.4	563.5	561.5
157.5°	566.0	566.9	567.5	567.8	568.2	568.8	567.4	566.1	564.5	563.2	561.7
160°	565.8	566.5	567.0	567.4	568.0	568.2	567.0	566.1	564.9	563.6	562.2
162.5°	568.1	569.1	569.6	570.3	571.1	571.7	570.3	569.0	567.6	566.1	564.6
165°	570.1	570.7	571.3	571.8	572.0	572.6	571.7	570.9	569.8	569.0	567.8
167.5°	574.8	575.5	575.9	576.5	576.7	577.0	576.1	575.5	574.4	573.4	572.3
170°	577.5	578.1	578.9	579.6	580.0	580.4	579.8	579.1	578.2	577.5	576.4
172.5°	582.1	582.7	582.9	583.6	583.8	584.3	583.6	582.7	582.0	581.1	580.1
175°	582.1	582.3	582.7	582.7	582.7	582.9	582.2	581.5	580.9	580.2	579.5
177.5°	584.4	584.4	584.4	584.2	584.2	584.2	583.7	583.3	582.8	582.4	581.7
180°	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7



TEST NUMBER: P1444424
 CATALOG NUMBER: EHBR1-60-UNV-TA-L840-UPL36

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1	51665.1
2.5°	51989.6	51967.0	51952.5	51933.9	51922.6	51908.3	51897.7	51888.7	51881.5	51874.8	51869.8
5°	52720.8	52604.5	52514.3	52416.6	52336.4	52256.4	52194.8	52143.6	52108.4	52082.0	52066.2
7.5°	53651.5	53438.8	53249.6	53050.5	52872.0	52696.4	52545.2	52414.7	52317.0	52253.5	52215.0
10°	54482.7	54197.9	53916.3	53619.9	53338.9	53066.1	52814.6	52593.2	52418.1	52301.6	52233.6
12.5°	54855.3	54612.7	54325.2	54003.3	53658.8	53310.3	52970.6	52664.3	52407.1	52234.6	52135.0
15°	54527.2	54427.6	54232.4	53982.6	53655.7	53295.4	52896.5	52521.6	52176.7	51953.1	51823.5
17.5°	53459.6	53598.7	53583.8	53488.2	53253.2	52949.9	52543.5	52122.3	51691.0	51392.1	51228.7
20°	51658.2	52095.2	52317.0	52430.7	52338.3	52141.7	51773.7	51346.3	50843.5	50453.2	50215.1
22.5°	49126.7	49898.2	50379.0	50730.7	50805.4	50738.4	50413.5	50006.9	49446.4	48977.4	48625.6
25°	45867.7	46998.0	47757.8	48353.5	48584.9	48644.6	48368.0	47963.8	47339.1	46792.6	46309.5
27.5°	42029.2	43497.9	44512.3	45312.7	45674.0	45830.6	45576.1	45163.7	44424.6	43772.2	43141.1
30°	37707.7	39450.2	40671.7	41631.3	42071.8	42278.7	42008.4	41548.0	40687.9	39902.8	39107.8
32.5°	33082.5	34989.2	36320.2	37362.4	37798.8	37993.5	37639.8	37122.8	36128.7	35203.8	34276.7
35°	28239.8	30164.4	31506.6	32521.1	32886.7	33004.2	32551.9	31954.3	30852.9	29837.8	28826.9
37.5°	23298.5	25089.1	26309.0	27219.4	27445.7	27466.1	26921.1	26261.0	25103.4	24102.6	23096.1
40°	18400.0	19910.0	20895.0	21623.7	21702.2	21632.2	21039.7	20375.4	19292.5	18395.8	17512.3
42.5°	13785.8	14925.6	15628.4	16127.8	16098.1	15959.7	15416.4	14845.4	13951.9	13269.0	12573.8
45°	9832.7	10584.3	10995.2	11287.4	11193.5	11061.7	10638.9	10238.6	9631.5	9190.4	8723.1
47.5°	6830.9	7728.4	7572.1	8143.5	7651.2	7976.3	7299.3	6926.1	6603.8	6369.5	6105.5
50°	4890.3	5096.0	5195.3	5263.1	5227.1	5177.2	5055.6	4946.8	4799.6	4692.4	4567.3
52.5°	3776.7	3879.5	3935.8	3976.6	3968.6	3950.3	3897.4	3848.9	3779.9	3734.6	3679.8
55°	3199.0	3200.5	3304.2	3259.7	3325.4	3248.4	3278.6	3193.5	3207.2	3134.1	3084.9
57.5°	2658.3	2700.4	2719.4	2737.7	2732.6	2729.3	2708.9	2698.5	2675.4	2668.2	2651.8
60°	2338.4	2360.4	2364.9	2373.4	2366.3	2363.6	2347.5	2341.8	2326.2	2323.4	2312.4
62.5°	2118.9	2130.2	2130.2	2130.2	2121.0	2112.1	2094.4	2085.0	2071.8	2069.0	2062.6
65°	1935.9	1947.5	1949.4	1951.9	1945.3	1938.3	1922.6	1912.5	1898.8	1893.7	1886.4
67.5°	1746.9	1759.3	1763.5	1769.8	1766.0	1764.6	1753.9	1749.9	1740.9	1738.8	1732.2
70°	1598.5	1603.6	1603.2	1603.0	1594.6	1587.2	1574.7	1568.8	1559.4	1557.5	1551.3
72.5°	1510.2	1513.8	1511.5	1508.3	1497.4	1486.3	1471.7	1460.9	1448.7	1441.1	1432.5
75°	1385.9	1390.7	1387.7	1385.6	1375.8	1368.5	1356.8	1350.8	1342.3	1339.8	1333.8
77.5°	1233.3	1235.6	1230.6	1230.1	1222.6	1218.0	1209.2	1207.7	1201.3	1201.5	1195.8
80°	1063.5	1062.1	1054.1	1052.6	1045.1	1043.2	1036.2	1036.6	1031.7	1033.8	1029.8
82.5°	875.0	870.3	859.8	856.6	848.1	847.3	842.7	846.6	843.4	848.1	845.3
85°	627.1	628.4	623.9	623.9	621.3	622.1	621.7	624.6	625.0	629.2	629.0
87.5°	349.6	354.7	353.7	358.3	358.1	363.2	365.0	372.6	373.5	380.7	380.7
90°	144.1	150.0	146.2	152.4	150.9	158.3	158.1	165.5	164.4	170.6	168.0
92.5°	92.2	86.3	80.4	74.4	71.3	68.0	65.7	62.1	59.4	56.1	53.1
95°	115.6	105.5	95.5	85.4	81.9	78.3	74.9	71.4	67.9	64.5	61.0
97.5°	130.6	118.7	106.8	94.8	91.8	88.9	85.7	82.7	79.7	76.8	73.8
100°	177.3	155.1	133.0	110.6	108.1	105.5	103.0	100.5	98.0	95.2	92.7
102.5°	365.9	318.5	271.3	224.1	215.1	206.2	197.3	188.2	179.2	170.3	161.3
105°	689.4	612.9	536.4	459.8	435.5	411.2	386.9	362.4	338.1	313.8	289.5
107.5°	1046.5	968.8	891.2	813.6	768.9	723.9	679.0	633.8	589.1	543.9	499.0
110°	1247.6	1190.9	1134.3	1077.4	1041.6	1005.4	969.1	932.9	896.8	860.4	824.2



TEST NUMBER: P1444424
 CATALOG NUMBER: EHBR1-60-UNV-TA-L840-UPL36

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1282.1	1241.7	1201.2	1160.4	1144.2	1127.8	1111.6	1095.2	1078.8	1062.2	1045.8
115°	1204.5	1177.4	1150.1	1122.5	1117.1	1111.3	1105.8	1099.8	1094.2	1088.2	1082.3
117.5°	1079.7	1064.6	1049.3	1034.0	1035.1	1036.2	1037.4	1038.3	1039.2	1039.9	1040.7
120°	950.6	944.2	938.1	931.5	936.9	941.9	947.1	952.0	956.9	961.6	966.3
122.5°	845.2	842.8	840.8	838.1	844.5	850.8	856.8	863.0	868.8	874.4	879.9
125°	763.3	762.2	761.3	760.0	766.6	772.9	779.1	785.0	791.2	796.6	802.4
127.5°	709.3	709.3	709.4	709.3	714.3	718.6	723.2	727.3	731.7	735.5	739.2
130°	672.5	672.0	671.9	671.5	675.8	680.0	684.3	687.9	691.9	695.1	698.4
132.5°	649.8	649.2	648.9	648.2	651.6	654.6	657.9	660.3	663.1	665.2	667.5
135°	631.3	630.5	629.9	629.0	632.1	635.2	638.0	640.4	643.0	644.9	647.0
137.5°	616.4	615.5	614.8	613.9	616.8	619.4	621.9	624.2	626.3	628.3	629.9
140°	603.8	602.4	601.8	600.4	603.0	605.2	607.6	609.5	611.7	613.1	614.7
142.5°	591.7	589.7	588.4	586.4	588.3	590.1	591.7	593.2	594.8	595.8	596.7
145°	584.4	582.0	580.3	578.0	579.5	580.7	582.2	583.5	584.3	585.0	585.9
147.5°	578.0	575.5	573.3	571.2	572.7	573.4	574.3	574.9	576.0	576.4	576.9
150°	571.4	568.8	566.4	564.0	564.9	565.5	566.3	567.1	567.7	568.0	568.5
152.5°	563.5	561.2	558.9	556.4	557.0	557.4	557.9	558.2	558.7	558.9	559.2
155°	559.6	557.6	555.5	553.2	553.9	554.1	554.4	554.6	554.7	554.7	554.9
157.5°	560.1	558.2	556.9	554.9	554.9	554.9	555.1	554.4	554.4	554.1	553.8
160°	561.1	559.5	558.2	556.6	556.5	556.3	556.4	555.8	555.6	555.1	554.7
162.5°	563.0	561.4	559.6	557.8	557.7	557.8	557.6	557.0	556.9	556.4	556.0
165°	566.9	565.5	564.3	562.9	562.7	562.3	562.1	561.3	561.0	560.2	559.6
167.5°	571.1	570.0	568.6	567.1	567.1	567.2	567.1	566.7	566.6	565.9	565.8
170°	575.5	574.4	573.5	572.4	572.1	571.9	571.5	571.1	570.5	570.2	569.6
172.5°	579.0	578.1	576.9	575.7	575.7	575.5	575.1	574.9	574.3	573.9	573.8
175°	578.6	578.0	576.8	576.1	575.9	575.7	575.6	575.4	575.0	574.8	574.4
177.5°	581.3	580.8	580.1	579.6	579.4	579.4	579.2	579.0	579.0	578.8	578.6
180°	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7	581.7



TEST NUMBER: P1444424
CATALOG NUMBER: EHBR1-60-UNV-TA-L840-UPL36

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	51665.1	51665.1
2.5°	51865.2	51862.5
5°	52058.0	52054.9
7.5°	52204.7	52203.7
10°	52221.9	52230.9
12.5°	52117.8	52125.0
15°	51813.6	51827.7
17.5°	51231.8	51250.3
20°	50229.6	50248.9
22.5°	48606.7	48614.7
25°	46247.1	46213.6
27.5°	43030.2	42972.6
30°	38940.8	38885.1
32.5°	34065.4	34030.4
35°	28577.0	28555.0
37.5°	22798.8	22754.0
40°	17189.3	17058.7
42.5°	12269.2	12040.1
45°	8479.1	8207.5
47.5°	5919.3	5751.4
50°	4486.7	4432.5
52.5°	3655.9	3643.2
55°	3084.7	3079.2
57.5°	2655.4	2653.5
60°	2318.2	2317.7
62.5°	2066.8	2067.7
65°	1889.7	1890.1
67.5°	1733.9	1732.7
70°	1553.7	1552.3
72.5°	1429.6	1427.4
75°	1333.8	1332.5
77.5°	1197.5	1195.4
80°	1032.4	1029.8
82.5°	849.2	846.1
85°	633.5	633.6
87.5°	387.6	387.4
90°	173.7	170.2
92.5°	50.6	47.8
95°	57.6	54.2
97.5°	70.8	67.8
100°	90.2	87.7
102.5°	152.5	143.5
105°	265.2	240.8
107.5°	453.9	409.0
110°	787.9	751.7



TEST NUMBER: P1444424
CATALOG NUMBER: EHBR1-60-UNV-TA-L840-UPL36

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	1029.2	1012.6
115°	1075.9	1069.9
117.5°	1041.2	1041.7
120°	970.6	975.1
122.5°	885.2	890.4
125°	807.4	812.7
127.5°	742.6	745.9
130°	701.0	704.0
132.5°	669.2	670.6
135°	648.2	649.6
137.5°	630.9	632.1
140°	615.4	616.4
142.5°	597.5	598.0
145°	586.4	586.7
147.5°	576.5	576.8
150°	568.3	568.4
152.5°	558.8	558.9
155°	554.5	554.4
157.5°	553.0	552.7
160°	554.0	553.6
162.5°	555.4	554.9
165°	558.7	557.9
167.5°	565.1	564.9
170°	569.0	568.6
172.5°	573.2	572.8
175°	574.2	574.0
177.5°	578.6	578.2
180°	581.7	581.7



TEST NUMBER: P1444424
 CATALOG NUMBER: EHBR1-60-UNV-TA-L840-UPL36

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	18.58	19.66	19.06	20.11	20.59	16.96	18.04	17.44	18.49	18.97
	3H	20.13	21.09	20.63	21.56	22.08	19.39	20.35	19.89	20.82	21.34
	4H	20.92	21.82	21.44	22.30	22.85	20.50	21.40	21.02	21.88	22.43
	6H	21.69	22.52	22.22	23.02	23.57	21.55	22.37	22.08	22.87	23.42
	8H	22.01	22.79	22.55	23.30	23.87	21.99	22.77	22.53	23.28	23.85
	12H	22.25	23.00	22.80	23.51	24.09	22.34	23.09	22.89	23.59	24.18
4H	2H	18.96	19.86	19.48	20.34	20.88	17.67	18.57	18.19	19.05	19.59
	3H	20.83	21.57	21.36	22.10	22.66	20.29	21.04	20.82	21.57	22.13
	4H	21.83	22.50	22.38	23.04	23.64	21.55	22.22	22.10	22.76	23.36
	6H	22.79	23.37	23.36	23.93	24.55	22.73	23.31	23.31	23.88	24.49
	8H	23.18	23.72	23.76	24.28	24.90	23.23	23.77	23.81	24.33	24.95
	12H	23.49	23.96	24.08	24.56	25.18	23.65	24.12	24.24	24.72	25.34
8H	4H	22.21	22.75	22.79	23.31	23.93	21.96	22.50	22.54	23.07	23.69
	6H	23.37	23.81	23.98	24.42	25.05	23.31	23.75	23.93	24.37	24.99
	8H	23.88	24.27	24.50	24.89	25.53	23.92	24.31	24.55	24.93	25.57
	12H	24.31	24.65	24.93	25.25	25.97	24.44	24.79	25.07	25.39	26.11
12H	4H	22.26	22.73	22.85	23.33	23.95	22.02	22.50	22.62	23.09	23.72
	6H	23.48	23.87	24.11	24.49	25.14	23.43	23.82	24.06	24.44	25.09
	8H	24.07	24.41	24.69	25.02	25.73	24.10	24.44	24.72	25.05	25.76

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-1

Test Date: 07/30/2025

Luminaire Tested: EHBR-60-L840-N

Data in this report applies to families of products including EHBR-60-L840-N

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-472-1
 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-L840-N**
 Description: Elevate Round Highbay at, 60000 lumens, 4000K 80CRI LEDs with N lens

Spectral Parameters

CCT (K): 3898
 CIE u': 0.2263
 CIE v': 0.5052
 Duv: 0.0013
 CIE x: 0.3861
 CIE y: 0.3831
 CIE z: 0.2308
 Peak Wavelength (nm): 630
 Dominant Wavelength (nm): 578
 Purity: 30.85729
 Rf: 80.7
 Rg: 102.1

CRI (Ra):	82.1		
R1:	84.4	R9:	38.5
R2:	83.5	R10:	58.9
R3:	80.8	R11:	83.6
R4:	83.9	R12:	54.2
R5:	82.1	R13:	82.8
R6:	77.3	R14:	88.2
R7:	86.4	R15:	81.2
R8:	78.3		



Test Conditions
 Stabilization Time: 42M
 Operation Time: 1H 42M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2506-472-1

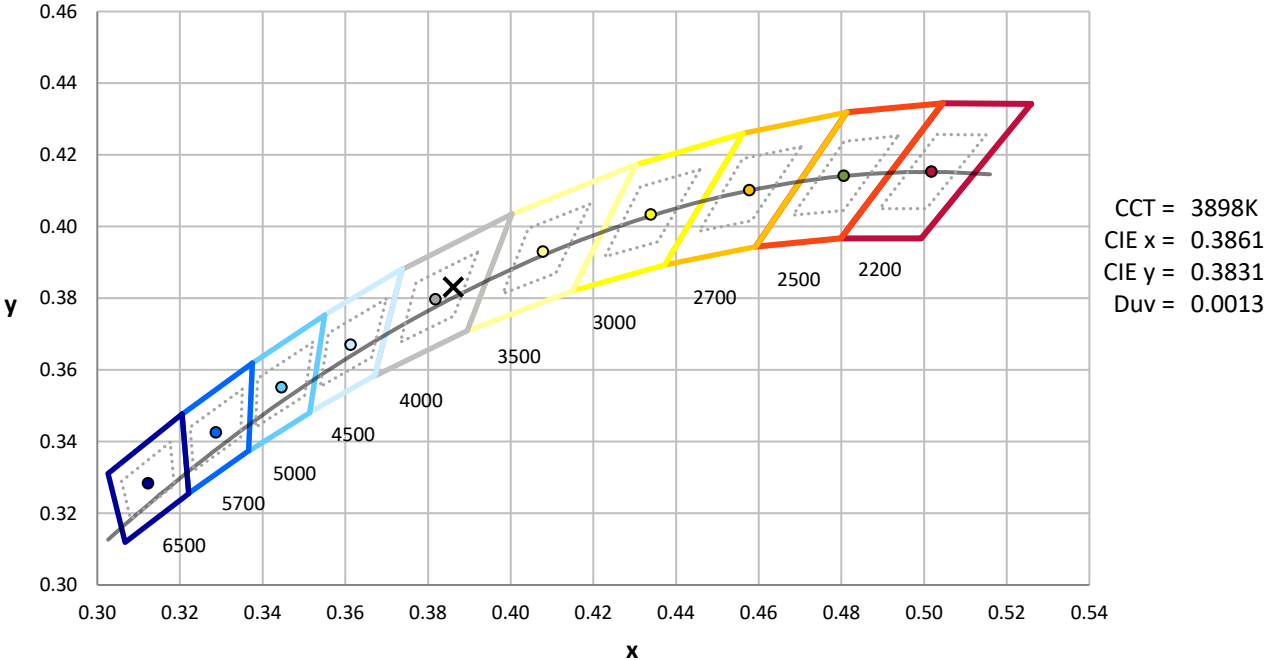
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208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

REPORT NUMBER: SP1-2506-472-1

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: SP1-2506-472-1

Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)
360	0	NR	490	60	NR	620	277	NR	750	6	NR	880	0	NR
365	0	NR	495	87	NR	625	278	NR	755	5	NR	885	0	NR
370	0	NR	500	124	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	168	NR	635	623	NR	765	4	NR	895	0	NR
380	1	NR	510	209	NR	640	162	NR	770	3	NR	900	0	NR
385	1	NR	515	246	NR	645	158	NR	775	3	NR	905	0	NR
390	2	NR	520	273	NR	650	134	NR	780	2	NR	910	0	NR
395	4	NR	525	292	NR	655	109	NR	785	2	NR	915	0	NR
400	5	NR	530	305	NR	660	91	NR	790	2	NR	920	0	NR
405	7	NR	535	313	NR	665	75	NR	795	2	NR	925	0	NR
410	11	NR	540	319	NR	670	70	NR	800	1	NR	930	0	NR
415	21	NR	545	323	NR	675	56	NR	805	1	NR	935	0	NR
420	42	NR	550	326	NR	680	47	NR	810	1	NR	940	0	NR
425	76	NR	555	330	NR	685	41	NR	815	1	NR	945	0	NR
430	125	NR	560	333	NR	690	35	NR	820	1	NR	950	0	NR
435	193	NR	565	336	NR	695	30	NR	825	1	NR	955	0	NR
440	302	NR	570	336	NR	700	26	NR	830	1	NR	960	0	NR
445	432	NR	575	335	NR	705	22	NR	835	1	NR	965	0	NR
450	380	NR	580	332	NR	710	19	NR	840	0	NR	970	0	NR
455	213	NR	585	326	NR	715	16	NR	845	0	NR	975	0	NR
460	147	NR	590	319	NR	720	14	NR	850	0	NR	980	0	NR
465	104	NR	595	307	NR	725	12	NR	855	0	NR	985	0	NR
470	65	NR	600	299	NR	730	10	NR	860	0	NR	990	0	NR
475	50	NR	605	291	NR	735	9	NR	865	0	NR	995	0	NR
480	46	NR	610	317	NR	740	8	NR	870	0	NR	1000	0	NR
485	47	NR	615	336	NR	745	7	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-1

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.55

λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)
360	0	NR	490	60	NR	620	277	NR	750	6	NR	880	0	NR
365	0	NR	495	87	NR	625	278	NR	755	5	NR	885	0	NR
370	0	NR	500	124	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	168	NR	635	623	NR	765	4	NR	895	0	NR
380	1	NR	510	209	NR	640	162	NR	770	3	NR	900	0	NR
385	1	NR	515	246	NR	645	158	NR	775	3	NR	905	0	NR
390	2	NR	520	273	NR	650	134	NR	780	2	NR	910	0	NR
395	4	NR	525	292	NR	655	109	NR	785	2	NR	915	0	NR
400	5	NR	530	305	NR	660	91	NR	790	2	NR	920	0	NR
405	7	NR	535	313	NR	665	75	NR	795	2	NR	925	0	NR
410	11	NR	540	319	NR	670	70	NR	800	1	NR	930	0	NR
415	21	NR	545	323	NR	675	56	NR	805	1	NR	935	0	NR
420	42	NR	550	326	NR	680	47	NR	810	1	NR	940	0	NR
425	76	NR	555	330	NR	685	41	NR	815	1	NR	945	0	NR
430	125	NR	560	333	NR	690	35	NR	820	1	NR	950	0	NR
435	193	NR	565	336	NR	695	30	NR	825	1	NR	955	0	NR
440	302	NR	570	336	NR	700	26	NR	830	1	NR	960	0	NR
445	432	NR	575	335	NR	705	22	NR	835	1	NR	965	0	NR
450	380	NR	580	332	NR	710	19	NR	840	0	NR	970	0	NR
455	213	NR	585	326	NR	715	16	NR	845	0	NR	975	0	NR
460	147	NR	590	319	NR	720	14	NR	850	0	NR	980	0	NR
465	104	NR	595	307	NR	725	12	NR	855	0	NR	985	0	NR
470	65	NR	600	299	NR	730	10	NR	860	0	NR	990	0	NR
475	50	NR	605	291	NR	735	9	NR	865	0	NR	995	0	NR
480	46	NR	610	317	NR	740	8	NR	870	0	NR	1000	0	NR
485	47	NR	615	336	NR	745	7	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.99

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	60	NR	620	277	NR	750	6	NR	880	0	NR
365	0	NR	495	87	NR	625	278	NR	755	5	NR	885	0	NR
370	0	NR	500	124	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	168	NR	635	623	NR	765	4	NR	895	0	NR
380	1	NR	510	209	NR	640	162	NR	770	3	NR	900	0	NR
385	1	NR	515	246	NR	645	158	NR	775	3	NR	905	0	NR
390	2	NR	520	273	NR	650	134	NR	780	2	NR	910	0	NR
395	4	NR	525	292	NR	655	109	NR	785	2	NR	915	0	NR
400	5	NR	530	305	NR	660	91	NR	790	2	NR	920	0	NR
405	7	NR	535	313	NR	665	75	NR	795	2	NR	925	0	NR
410	11	NR	540	319	NR	670	70	NR	800	1	NR	930	0	NR
415	21	NR	545	323	NR	675	56	NR	805	1	NR	935	0	NR
420	42	NR	550	326	NR	680	47	NR	810	1	NR	940	0	NR
425	76	NR	555	330	NR	685	41	NR	815	1	NR	945	0	NR
430	125	NR	560	333	NR	690	35	NR	820	1	NR	950	0	NR
435	193	NR	565	336	NR	695	30	NR	825	1	NR	955	0	NR
440	302	NR	570	336	NR	700	26	NR	830	1	NR	960	0	NR
445	432	NR	575	335	NR	705	22	NR	835	1	NR	965	0	NR
450	380	NR	580	332	NR	710	19	NR	840	0	NR	970	0	NR
455	213	NR	585	326	NR	715	16	NR	845	0	NR	975	0	NR
460	147	NR	590	319	NR	720	14	NR	850	0	NR	980	0	NR
465	104	NR	595	307	NR	725	12	NR	855	0	NR	985	0	NR
470	65	NR	600	299	NR	730	10	NR	860	0	NR	990	0	NR
475	50	NR	605	291	NR	735	9	NR	865	0	NR	995	0	NR
480	46	NR	610	317	NR	740	8	NR	870	0	NR	1000	0	NR
485	47	NR	615	336	NR	745	7	NR	875	0	NR			

Summary

$R_f = 80.7$
 $R_g = 102.1$
 CIE $R_a = 82.1$
 $R_9 = 38.5$

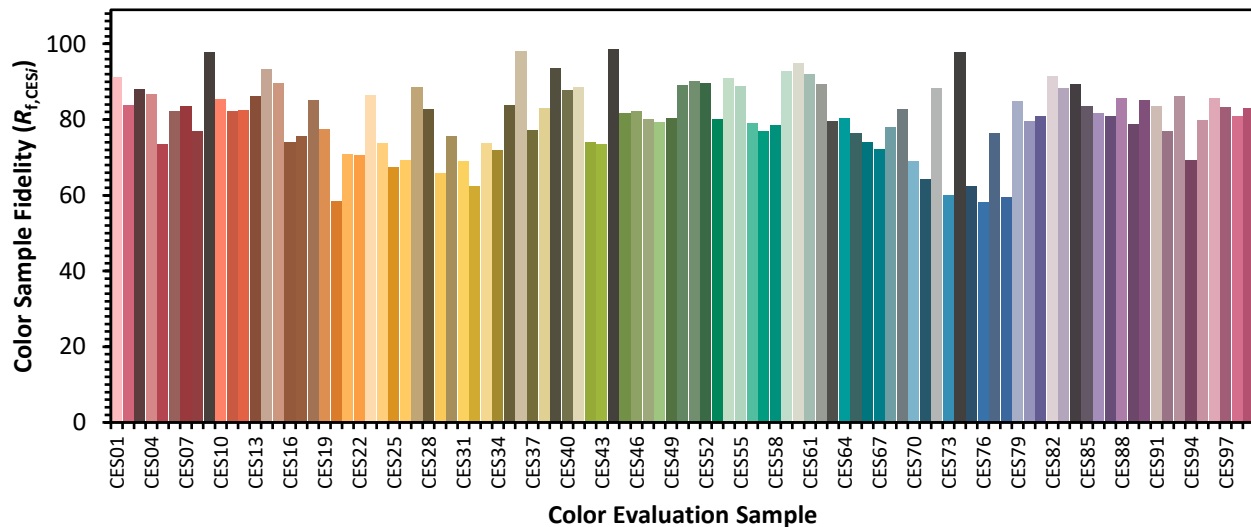


Color Vector Graphics



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

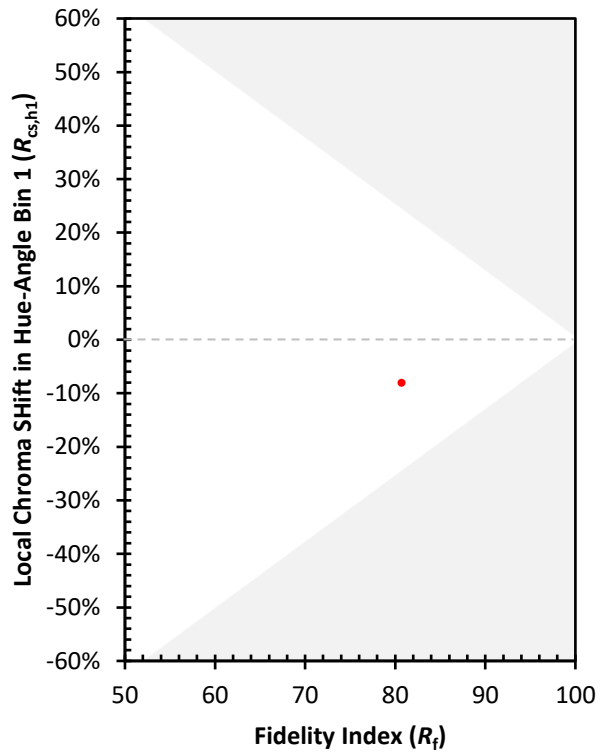
CES01 = 85	CES26 = 69	CES51 = 90	CES76 = 58
CES02 = 61	CES27 = 89	CES52 = 90	CES77 = 76
CES03 = 31	CES28 = 83	CES53 = 80	CES78 = 60
CES04 = 69	CES29 = 66	CES54 = 91	CES79 = 85
CES05 = 48	CES30 = 76	CES55 = 89	CES80 = 79
CES06 = 50	CES31 = 69	CES56 = 79	CES81 = 81
CES07 = 41	CES32 = 62	CES57 = 77	CES82 = 91
CES08 = 40	CES33 = 74	CES58 = 79	CES83 = 88
CES09 = 29	CES34 = 72	CES59 = 93	CES84 = 89
CES10 = 74	CES35 = 84	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 92	CES86 = 82
CES12 = 63	CES37 = 77	CES62 = 89	CES87 = 81
CES13 = 43	CES38 = 83	CES63 = 80	CES88 = 86
CES14 = 74	CES39 = 94	CES64 = 80	CES89 = 79
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 85
CES16 = 47	CES41 = 89	CES66 = 74	CES91 = 83
CES17 = 49	CES42 = 74	CES67 = 72	CES92 = 77
CES18 = 56	CES43 = 73	CES68 = 78	CES93 = 86
CES19 = 71	CES44 = 98	CES69 = 83	CES94 = 69
CES20 = 65	CES45 = 82	CES70 = 69	CES95 = 80
CES21 = 86	CES46 = 82	CES71 = 64	CES96 = 86
CES22 = 78	CES47 = 80	CES72 = 88	CES97 = 83
CES23 = 91	CES48 = 79	CES73 = 60	CES98 = 81
CES24 = 90	CES49 = 80	CES74 = 98	CES99 = 83
CES25 = 71	CES50 = 89	CES75 = 62	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)