

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: P1444586

Luminaire Tested: EHBR1-24-UNV-TA-L850-UPL12

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444586
REPORT IS A COMBINATION OF REPORTS P1444302 AND P1431635
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-24-UNV-TA-L850-UPL12
Description: Elevate Round Highbay at, 24000 lumens, 5000K 80CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

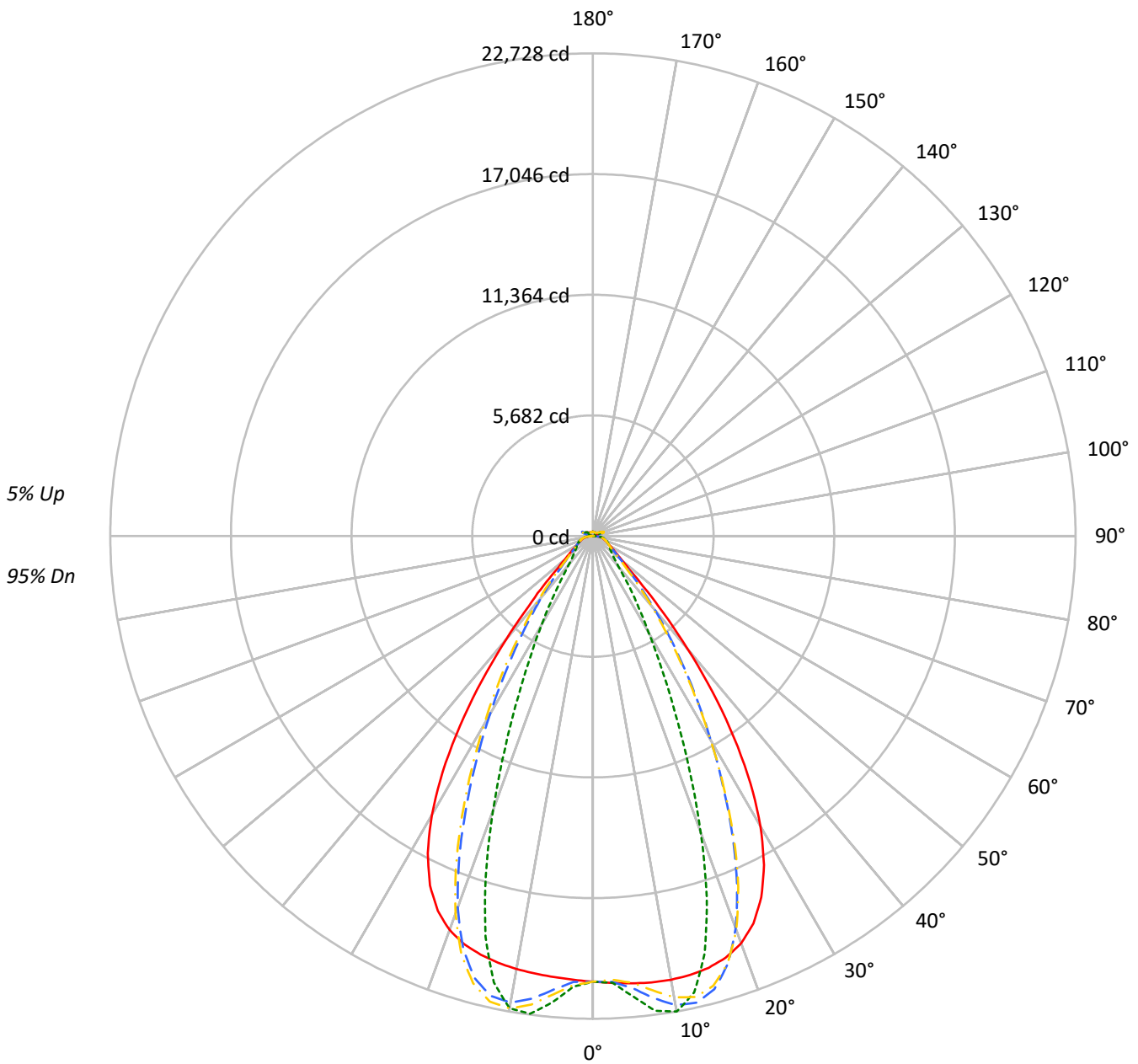
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25477.3 lumens
Efficiency: N/A
Efficacy: 187.7 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): 135.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	118	118	118	118	114	114	114	114	108	108	108	102	102	102	97	97	97	97	97	97	95
1	111	107	104	101	108	105	102	99	99	97	95	95	93	91	90	89	88	88	88	88	86
2	104	98	93	89	101	96	91	88	92	88	85	88	85	82	84	82	80	80	80	80	78
3	98	90	84	79	95	88	83	78	85	80	76	81	78	75	78	75	73	73	73	73	71
4	92	83	77	72	89	81	75	71	79	73	69	76	72	68	73	70	67	67	67	67	65
5	86	77	70	65	84	76	69	65	73	68	64	71	66	63	69	65	61	61	61	61	60
6	82	71	65	60	80	70	64	59	68	63	59	66	61	58	64	60	57	57	57	57	55
7	77	67	60	55	75	66	59	55	64	58	54	62	57	54	61	56	53	53	53	53	51
8	73	62	56	51	71	62	55	51	60	54	50	58	53	50	57	53	49	49	49	49	48
9	69	59	52	48	68	58	52	47	56	51	47	55	50	47	54	49	46	46	46	46	45
10	66	55	49	45	64	54	48	44	53	48	44	52	47	44	51	46	43	43	43	43	42

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	98525	98525	98525	98525
5°	99001	101888	97616	103223
10°	99828	106975	97434	106268
15°	100318	96972	97264	93067
20°	99280	72240	96031	66840
25°	93973	45688	90867	41454
30°	82092	27455	78913	25091
35°	63179	17228	59544	15261
40°	39966	10807	36566	10155
45°	20599	8419	20258	8281
50°	12077	7489	11707	7372
55°	9252	7085	8910	7022
60°	7828	7238	7496	7144
65°	7354	7558	7071	7300
70°	7183	7915	6825	7616
75°	7681	8393	7267	8022
80°	7950	9293	7208	8484
85°	7486	8967	6049	7678

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 31525 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2067.6	8.1
10°-20°	5816.5	22.8
20°-30°	6624.5	26.0
30°-40°	4761.4	18.7
40°-50°	2195.9	8.6
50°-60°	1050.9	4.1
60°-70°	766.7	3.0
70°-80°	582.5	2.3
80°-90°	267.1	1.0
90°-100°	39.8	0.2
100°-110°	213.2	0.8
110°-120°	393.6	1.5
120°-130°	244.9	1.0
130°-140°	162.8	0.6
140°-150°	125.1	0.5
150°-160°	89.9	0.4
160°-170°	55.6	0.2
170°-180°	19.3	0.1
0°-30°	14508.6	56.9
0°-40°	19270.0	75.6
0°-60°	22516.8	88.4
0°-90°	24133.1	94.7
90°-120°	646.6	2.5
90°-150°	1179.4	4.6
90°-180°	1344.0	5.3
0°-180°	25477.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	20980	20980	20980	20980	20980	
5°	21138	21755	20843	22040	21138	2020
15°	21046	20344	20405	19525	21046	5930
25°	18766	9124	18146	8278	18766	8507
35°	11596	3162	10928	2801	11596	7116
45°	3333	1362	3278	1340	3333	2835
55°	1250	957	1204	949	1250	1154
65°	768	789	738	762	768	767
75°	541	591	512	565	541	563
85°	257	308	208	264	257	242
90°	67	85	17	22	67	42
95°	18	20	18	20	18	17
105°	78	100	53	100	78	103
115°	345	415	361	415	345	319
125°	266	272	300	273	266	242
135°	217	187	233	189	217	169
145°	200	189	211	192	200	126
155°	191	189	203	192	191	89
165°	195	193	202	195	195	55
175°	202	203	205	204	202	19
180°	204	204	204	204	204	



TEST NUMBER: P1444586
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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1
2.5°	21060.2	21058.6	21058.2	21056.7	21056.3	21056.3	21055.6	21054.0	21052.9	21050.4	21047.7
5°	21138.3	21137.5	21138.0	21138.1	21136.7	21133.4	21128.3	21121.9	21114.1	21106.6	21099.9
7.5°	21198.8	21200.3	21202.2	21201.8	21197.2	21189.5	21179.0	21173.1	21176.5	21187.9	21214.1
10°	21209.8	21218.9	21222.3	21221.2	21212.1	21205.5	21208.1	21230.3	21274.6	21333.5	21414.3
12.5°	21166.8	21177.9	21177.5	21173.8	21165.0	21174.0	21206.2	21272.3	21367.2	21483.6	21620.1
15°	21046.1	21060.4	21056.3	21051.6	21045.7	21075.3	21139.6	21254.5	21401.0	21565.1	21733.2
17.5°	20811.6	20828.9	20820.6	20815.2	20810.2	20865.7	20976.2	21144.4	21329.0	21514.6	21673.9
20°	20405.0	20416.6	20396.6	20387.2	20395.1	20503.9	20666.6	20881.6	21076.1	21251.6	21360.4
22.5°	19741.3	19755.8	19718.2	19713.8	19760.2	19927.3	20133.2	20373.4	20556.1	20695.3	20737.3
25°	18766.3	18780.5	18735.9	18762.5	18841.4	19069.0	19314.1	19571.1	19727.1	19830.1	19801.8
27.5°	17450.3	17463.1	17420.8	17475.3	17599.9	17899.0	18187.6	18466.3	18605.3	18677.5	18586.0
30°	15790.4	15817.2	15767.2	15843.2	16033.4	16421.7	16752.4	17064.9	17203.5	17258.5	17116.1
32.5°	13819.0	13857.2	13802.1	13915.2	14180.6	14647.0	15022.6	15371.9	15525.1	15587.9	15427.0
35°	11595.6	11650.3	11587.1	11756.7	12084.2	12603.5	13019.5	13409.4	13590.9	13679.8	13517.7
37.5°	9239.9	9292.1	9257.9	9484.2	9843.7	10382.0	10806.6	11227.3	11432.2	11565.7	11437.9
40°	6927.1	6974.9	7000.8	7259.6	7597.8	8105.2	8513.0	8929.2	9158.5	9326.0	9247.2
42.5°	4889.2	4937.3	5025.3	5275.1	5557.1	5977.1	6326.5	6700.1	6919.2	7097.9	7067.5
45°	3332.9	3388.8	3499.1	3703.5	3907.5	4208.8	4465.3	4755.9	4934.9	5098.6	5100.6
47.5°	2335.6	2374.8	2473.3	2613.0	2745.9	3123.1	3138.6	3281.4	3401.7	3524.1	3539.9
50°	1799.9	1823.6	1875.9	1953.7	2029.0	2126.9	2216.5	2320.0	2394.1	2461.2	2477.2
52.5°	1479.4	1494.4	1521.1	1563.2	1606.9	1660.1	1708.1	1765.0	1805.2	1841.2	1848.6
55°	1250.3	1262.8	1302.4	1310.4	1360.4	1370.1	1391.3	1426.0	1449.4	1470.9	1476.3
57.5°	1077.6	1086.5	1094.9	1112.9	1128.3	1150.7	1168.7	1193.6	1208.3	1223.8	1225.2
60°	941.1	947.7	953.7	966.1	976.6	992.1	1004.6	1021.5	1032.1	1043.7	1045.0
62.5°	839.7	844.4	848.3	856.5	864.0	876.0	885.8	900.0	909.8	918.8	920.9
65°	767.6	770.9	773.5	779.7	786.2	796.4	805.4	816.9	824.1	831.0	832.5
67.5°	703.6	706.8	709.5	715.2	719.7	727.3	733.3	741.9	747.4	752.9	753.0
70°	630.3	633.4	635.4	640.7	644.4	650.9	655.7	663.5	669.0	675.2	676.8
72.5°	579.6	581.4	584.2	589.0	594.1	601.1	607.5	615.6	622.4	628.8	631.4
75°	541.1	543.2	545.0	549.1	552.6	558.5	563.3	570.7	576.6	583.5	586.8
77.5°	485.4	487.8	489.4	493.5	496.5	502.2	505.8	512.4	517.3	523.5	526.5
80°	418.2	420.4	421.5	425.4	427.8	433.0	436.5	442.9	446.9	453.1	456.9
82.5°	343.6	345.8	346.4	350.1	351.4	355.7	358.2	364.7	369.7	377.8	383.4
85°	257.3	258.0	259.3	258.3	263.5	263.9	269.8	270.9	278.7	280.7	289.6
87.5°	157.3	159.6	160.8	164.3	165.9	169.5	170.6	174.5	176.5	180.8	182.9
90°	66.8	70.4	71.6	75.8	77.0	80.7	81.6	85.9	87.1	91.5	93.2
92.5°	16.1	17.1	17.9	19.1	20.0	21.4	22.6	23.8	24.8	26.1	28.0
95°	18.1	19.2	20.2	21.3	22.4	23.6	24.7	25.7	26.8	27.9	31.1
97.5°	22.5	23.5	24.4	25.3	26.3	27.2	28.2	29.2	30.1	30.9	34.8
100°	29.0	29.8	30.5	31.4	32.2	33.0	33.8	34.7	35.5	36.2	43.2
102.5°	47.0	49.8	52.7	55.5	58.3	61.3	64.1	67.0	69.8	72.7	87.6
105°	78.4	86.0	93.9	101.6	109.3	117.2	124.9	132.5	140.3	148.0	172.5
107.5°	132.3	146.7	161.1	175.4	189.8	204.1	218.5	232.7	247.0	261.3	286.1
110°	242.3	253.7	265.3	276.8	288.4	299.9	311.4	322.7	334.3	345.8	363.8



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	326.1	331.3	336.4	341.6	346.8	351.9	357.1	362.3	367.4	372.4	385.3
115°	345.0	346.7	348.6	350.2	352.0	353.7	355.5	357.1	358.9	360.4	369.1
117.5°	336.5	336.0	335.7	335.3	334.8	334.4	333.9	333.3	332.8	332.3	337.1
120°	315.9	314.1	312.6	310.7	308.9	307.1	305.4	303.5	301.7	299.7	301.8
122.5°	289.5	287.4	285.5	283.3	281.2	279.1	277.0	274.5	272.5	270.2	270.8
125°	265.5	263.3	261.4	259.1	256.9	254.8	252.5	250.2	248.0	245.6	245.9
127.5°	244.9	243.4	241.9	240.2	238.6	236.8	235.2	233.3	231.7	229.8	229.7
130°	232.4	231.1	229.7	228.1	226.5	224.9	223.3	221.5	219.9	218.2	218.1
132.5°	222.6	221.6	220.5	219.3	218.2	216.7	215.4	213.9	212.7	211.3	211.2
135°	216.7	215.6	214.7	213.6	212.5	211.1	209.8	208.4	207.2	205.7	205.8
137.5°	212.0	211.1	210.2	209.0	207.9	206.6	205.5	204.0	202.8	201.5	201.5
140°	207.7	206.9	205.9	204.9	203.8	202.7	201.5	200.3	199.1	197.8	197.8
142.5°	202.5	201.8	201.1	200.2	199.3	198.2	197.2	196.1	195.1	194.0	194.2
145°	199.5	198.9	198.3	197.4	196.7	195.7	194.9	193.7	192.9	191.9	192.2
147.5°	197.0	196.5	196.0	195.3	194.7	193.7	193.0	192.0	191.3	190.5	190.8
150°	194.8	194.3	193.9	193.2	192.6	191.7	191.1	190.3	189.5	188.6	189.0
152.5°	192.2	191.6	191.2	190.7	190.1	189.2	188.7	187.8	187.1	186.3	186.5
155°	191.2	190.8	190.2	189.7	189.1	188.4	187.7	187.0	186.3	185.7	185.8
157.5°	191.2	190.7	190.3	189.8	189.4	188.7	188.1	187.6	187.0	186.4	186.4
160°	192.1	191.6	191.2	190.8	190.2	189.6	189.1	188.5	188.1	187.4	187.5
162.5°	193.2	192.7	192.2	191.7	191.2	190.6	190.1	189.7	189.2	188.6	188.7
165°	194.8	194.4	194.0	193.7	193.3	192.9	192.5	192.0	191.6	191.2	191.2
167.5°	197.6	197.1	196.9	196.5	196.0	195.6	195.2	194.7	194.4	193.8	193.9
170°	199.4	199.0	198.7	198.5	198.2	197.9	197.6	197.3	197.0	196.8	196.8
172.5°	201.1	200.8	200.6	200.5	200.2	200.0	199.8	199.5	199.4	199.0	199.3
175°	201.8	201.5	201.4	201.3	201.1	201.0	200.9	200.7	200.7	200.5	200.5
177.5°	203.2	203.1	203.1	203.1	203.1	203.0	202.9	202.7	202.7	202.7	202.7
180°	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4



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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°	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1
2.5°	21045.7	21043.2	21039.6	21035.2	21031.4	21026.9	21016.4	21013.4	21016.8	21019.2	21024.0
5°	21095.7	21097.2	21097.7	21107.3	21115.5	21136.2	21297.6	21361.7	21411.3	21442.7	21490.6
7.5°	21246.5	21295.0	21342.9	21407.5	21463.2	21538.3	21820.7	21941.0	22026.4	22087.8	22163.4
10°	21502.0	21607.9	21707.2	21823.5	21923.5	22038.0	22300.9	22418.0	22491.9	22545.7	22595.9
12.5°	21759.3	21906.2	22038.9	22168.4	22276.6	22375.9	22468.3	22509.4	22512.8	22514.6	22487.9
15°	21893.4	22033.8	22150.8	22236.3	22300.0	22328.1	22168.9	22085.5	21980.0	21893.0	21750.0
17.5°	21808.7	21893.0	21943.5	21938.6	21912.3	21824.3	21373.4	21125.5	20879.3	20657.5	20366.6
20°	21432.7	21426.2	21382.3	21257.8	21107.8	20874.6	20101.6	19655.8	19224.6	18845.9	18386.6
22.5°	20733.0	20622.8	20469.4	20200.9	19902.8	19495.3	18387.7	17731.7	17131.5	16601.3	16007.3
25°	19719.1	19492.6	19209.5	18783.4	18320.0	17725.6	16360.5	15544.7	14824.0	14199.0	13513.7
27.5°	18421.7	18080.4	17665.6	17075.7	16448.0	15686.5	14173.0	13272.6	12499.1	11829.0	11099.6
30°	16885.5	16441.8	15906.0	15174.0	14416.8	13553.2	12018.2	11106.1	10323.2	9633.8	8903.9
32.5°	15149.6	14629.9	14002.1	13180.5	12361.6	11473.6	9991.1	9108.4	8360.4	7697.2	7036.6
35°	13234.9	12677.6	12013.4	11175.5	10361.5	9498.1	8137.9	7341.9	6681.4	6095.2	5561.8
37.5°	11181.1	10633.9	10002.6	9212.9	8458.0	7675.7	6502.0	5835.0	5280.7	4794.2	4382.2
40°	9045.7	8566.8	8020.6	7337.8	6693.6	6042.2	5078.7	4549.2	4111.8	3740.8	3432.1
42.5°	6936.5	6565.4	6146.5	5606.9	5114.0	4617.9	3876.4	3484.1	3160.1	2893.0	2674.7
45°	5032.7	4784.4	4503.5	4128.4	3787.3	3441.3	2913.4	2637.8	2426.8	2254.5	2109.0
47.5°	3518.1	3374.1	3365.3	3018.6	2768.6	2557.0	2216.9	2042.8	1913.6	1809.2	1717.0
50°	2470.6	2401.0	2314.4	2190.8	2074.7	1955.0	1748.0	1642.7	1566.9	1503.7	1445.4
52.5°	1847.0	1810.8	1764.8	1699.0	1636.2	1568.9	1437.9	1370.8	1347.0	1288.2	1242.0
55°	1475.3	1454.5	1428.2	1389.7	1351.4	1336.1	1223.8	1174.0	1142.5	1119.3	1094.5
57.5°	1225.4	1210.0	1194.4	1168.2	1146.1	1119.3	1059.7	1034.1	1015.4	1001.7	984.5
60°	1045.2	1036.0	1027.3	1011.9	1000.0	985.5	947.7	933.3	923.5	915.3	904.3
62.5°	922.6	917.8	913.3	905.2	899.1	891.2	865.3	858.4	853.5	849.4	842.7
65°	834.0	830.6	828.1	822.7	819.6	815.0	792.8	788.1	785.1	783.6	779.7
67.5°	753.5	750.0	748.3	744.5	743.2	740.3	722.1	719.5	718.5	719.0	717.6
70°	678.3	676.8	677.6	676.9	678.7	679.1	668.1	668.0	669.2	671.6	671.8
72.5°	633.2	633.2	634.0	634.4	636.0	636.8	627.7	627.2	627.7	629.4	629.5
75°	590.3	590.9	593.3	594.1	595.9	596.3	584.3	582.9	582.9	584.6	584.1
77.5°	530.8	533.4	537.8	540.2	543.9	544.6	531.0	529.3	529.4	531.0	529.6
80°	463.4	468.4	475.4	480.3	486.0	488.4	474.3	471.0	468.0	467.5	464.6
82.5°	391.8	397.8	406.3	410.7	416.9	418.3	394.9	390.4	387.8	388.0	385.4
85°	299.1	303.6	311.3	313.8	317.7	317.3	290.6	279.2	282.2	277.4	281.1
87.5°	187.6	190.3	195.1	195.7	197.5	197.1	170.2	164.9	163.4	163.5	161.5
90°	97.9	100.1	104.6	105.0	108.1	108.1	86.6	84.4	82.2	82.9	80.1
92.5°	30.4	32.2	34.4	36.3	38.5	40.6	40.2	41.5	39.6	37.3	35.7
95°	34.4	37.6	40.9	44.0	47.2	50.5	53.7	57.0	53.9	50.9	47.8
97.5°	38.6	42.4	46.3	50.0	53.8	57.7	61.5	65.3	62.1	58.6	55.4
100°	50.4	57.5	64.5	71.6	78.7	85.8	92.9	100.0	93.8	87.4	81.2
102.5°	102.6	117.7	132.7	147.8	162.9	177.9	193.1	208.2	193.8	179.4	164.9
105°	196.8	221.3	245.7	269.9	294.3	318.7	343.4	367.8	344.8	321.8	299.0
107.5°	310.8	335.5	360.2	384.8	409.5	434.3	459.3	484.1	461.7	439.2	416.9
110°	381.8	399.8	417.9	435.8	453.8	471.8	490.3	508.3	494.8	481.2	467.7



TEST NUMBER: P1444586
 CATALOG NUMBER: EHBR1-24-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	398.1	411.0	423.9	436.5	449.2	462.1	475.6	488.6	481.7	474.7	467.9
115°	377.7	386.3	394.8	403.4	412.0	420.4	429.9	438.7	436.3	434.0	431.6
117.5°	341.7	346.4	351.2	355.9	360.4	365.2	370.9	375.8	375.9	376.1	376.3
120°	303.5	305.4	307.2	309.1	310.9	312.7	315.8	317.9	319.4	321.0	322.6
122.5°	271.4	271.9	272.5	273.0	273.5	274.0	276.0	276.9	277.8	278.8	279.8
125°	246.0	246.1	246.2	246.3	246.3	246.4	248.2	248.6	248.5	248.1	248.0
127.5°	229.5	229.2	229.0	228.8	228.4	228.2	229.8	230.0	229.0	227.8	226.7
130°	217.9	217.9	217.7	217.6	217.4	217.4	219.1	219.5	217.9	216.1	214.4
132.5°	211.1	211.0	210.9	210.9	210.8	210.7	212.8	213.2	211.4	209.4	207.5
135°	205.7	205.7	205.7	205.6	205.6	205.7	207.9	208.5	206.8	204.8	203.0
137.5°	201.3	201.4	201.4	201.4	201.4	201.5	204.0	204.6	203.1	201.5	200.1
140°	197.9	197.9	198.1	198.2	198.3	198.5	201.4	202.1	200.9	199.7	198.4
142.5°	194.3	194.7	195.0	195.4	195.6	196.1	199.2	200.2	199.2	198.2	197.2
145°	192.5	192.9	193.3	193.8	194.2	194.7	198.3	199.6	199.0	198.1	197.4
147.5°	190.9	191.2	191.6	192.0	192.4	193.1	196.9	198.1	197.7	197.1	196.8
150°	189.2	189.6	190.0	190.5	191.1	191.6	196.0	197.4	197.0	196.6	196.2
152.5°	186.8	187.2	187.5	187.9	188.3	189.0	194.3	195.9	195.5	195.0	194.8
155°	185.9	186.2	186.4	186.7	187.0	187.5	193.2	194.9	194.7	194.4	194.1
157.5°	186.6	186.6	186.6	186.9	187.1	187.3	193.5	195.2	194.9	194.7	194.4
160°	187.5	187.6	187.5	187.7	187.7	187.9	194.2	195.9	195.7	195.4	195.1
162.5°	188.7	189.1	189.1	189.2	189.3	189.7	196.0	197.8	197.3	197.0	196.8
165°	191.2	191.2	191.2	191.3	191.3	191.3	197.3	198.9	198.8	198.5	198.2
167.5°	193.8	194.0	194.0	194.1	194.1	194.4	199.9	201.4	201.2	200.9	200.8
170°	196.8	196.9	196.8	197.0	197.1	197.3	202.1	203.2	203.1	202.6	202.5
172.5°	199.3	199.6	199.7	199.8	200.0	200.2	204.1	205.3	205.1	204.9	204.6
175°	200.6	200.8	200.9	201.1	201.2	201.5	204.5	205.3	205.2	205.1	204.9
177.5°	202.9	202.9	203.1	203.2	203.4	203.5	205.5	205.9	205.9	205.9	205.8
180°	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4



TEST NUMBER: P1444586
 CATALOG NUMBER: EHBR1-24-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1
2.5°	21025.1	21032.4	21033.5	21042.2	21041.5	21051.8	21050.1	21058.6	21053.7	21060.5	21054.7
5°	21518.9	21563.7	21587.1	21630.9	21644.6	21683.8	21694.8	21730.5	21731.9	21760.2	21753.8
7.5°	22217.1	22283.1	22322.3	22376.3	22403.7	22448.7	22468.5	22501.8	22512.5	22539.0	22541.0
10°	22634.0	22666.1	22688.4	22703.5	22717.3	22723.7	22731.3	22729.2	22731.3	22728.4	22734.7
12.5°	22470.0	22423.2	22392.2	22333.7	22299.7	22234.9	22203.0	22140.8	22118.2	22064.6	22057.0
15°	21639.5	21476.3	21361.1	21193.5	21088.1	20923.2	20826.8	20678.0	20610.1	20491.8	20460.8
17.5°	20125.8	19823.0	19588.7	19288.0	19079.5	18798.6	18621.8	18389.3	18261.9	18074.4	18009.5
20°	18003.6	17555.6	17204.1	16785.4	16485.7	16112.3	15873.3	15571.9	15396.8	15166.5	15073.2
22.5°	15512.1	14954.3	14515.3	14020.7	13659.1	13243.0	12956.6	12630.4	12440.1	12189.9	12079.1
25°	12944.2	12329.0	11841.0	11319.8	10937.8	10520.7	10234.3	9913.8	9716.8	9479.2	9369.2
27.5°	10488.1	9865.4	9393.7	8909.2	8558.8	8182.5	7923.9	7644.2	7469.3	7266.6	7163.0
30°	8320.7	7771.5	7370.1	6968.0	6676.4	6370.9	6156.0	5924.2	5770.8	5597.1	5498.5
32.5°	6554.8	6130.9	5816.6	5497.5	5258.9	5003.5	4817.9	4613.4	4474.9	4319.9	4230.5
35°	5191.3	4861.9	4611.2	4348.5	4143.6	3926.1	3762.5	3586.0	3461.7	3328.3	3251.0
37.5°	4101.7	3839.7	3633.4	3415.3	3246.9	3066.7	3006.0	2803.3	2674.6	2568.1	2494.3
40°	3219.0	3010.8	2840.1	2673.2	2535.9	2399.2	2289.5	2181.2	2098.1	2021.9	1969.2
42.5°	2513.8	2362.9	2238.2	2116.0	2015.8	1916.2	1836.8	1762.2	1706.2	1656.4	1622.4
45°	1998.3	1894.6	1808.0	1721.8	1651.2	1584.7	1531.2	1483.6	1447.5	1417.5	1396.3
47.5°	1641.7	1570.7	1509.6	1451.4	1403.5	1360.0	1324.1	1312.4	1273.5	1247.3	1237.4
50°	1395.2	1352.3	1305.8	1263.0	1231.0	1199.2	1175.9	1153.1	1138.6	1126.5	1122.8
52.5°	1211.2	1178.4	1152.6	1125.5	1104.4	1081.7	1065.7	1050.4	1042.5	1036.2	1035.4
55°	1074.5	1051.5	1034.4	1016.3	1003.6	990.2	982.0	973.9	970.5	967.2	967.5
57.5°	971.0	955.7	944.6	932.8	925.9	919.5	917.4	915.4	916.5	917.0	918.7
60°	895.5	885.6	878.6	871.9	869.0	867.0	868.5	870.3	873.9	876.9	879.5
62.5°	837.8	832.1	828.7	825.0	824.7	824.9	828.0	831.0	835.6	839.1	841.6
65°	778.4	775.0	773.9	771.7	772.8	773.5	777.3	779.5	784.2	786.9	790.1
67.5°	718.2	717.5	718.1	718.1	720.2	722.1	725.6	728.3	732.1	734.6	737.3
70°	673.8	674.1	675.8	676.1	678.4	679.5	682.7	684.4	687.9	690.0	693.2
72.5°	630.6	629.9	630.3	629.3	630.1	629.8	631.5	632.4	635.3	637.0	640.8
75°	584.8	582.8	582.3	580.2	580.3	578.8	579.5	579.4	581.4	582.2	584.9
77.5°	529.2	525.9	524.3	520.9	520.8	519.5	520.9	521.7	525.1	526.8	529.9
80°	462.8	457.6	455.3	451.3	451.9	451.7	455.2	457.7	462.0	462.8	466.8
82.5°	384.7	379.5	377.0	373.0	374.0	374.0	377.1	377.7	381.3	382.9	387.5
85°	275.4	277.4	271.9	272.3	271.1	273.3	275.4	278.1	281.1	286.1	290.1
87.5°	162.2	161.5	163.5	163.6	166.5	168.0	172.5	175.0	180.1	184.1	191.2
90°	79.9	76.9	78.1	77.0	79.4	78.2	80.4	78.9	81.7	81.7	85.4
92.5°	33.2	31.4	29.1	27.2	24.9	23.3	21.9	21.3	20.0	19.4	18.2
95°	44.9	41.8	38.9	35.9	32.9	29.9	28.8	27.7	26.5	25.4	24.4
97.5°	52.2	49.0	45.8	42.4	39.2	36.0	35.3	34.5	33.8	33.0	32.3
100°	74.8	68.7	62.4	56.1	49.8	43.6	43.0	42.4	41.8	41.3	40.7
102.5°	150.7	136.3	122.1	107.7	93.4	79.0	76.5	74.0	71.5	69.1	66.5
105°	275.9	252.9	230.0	207.2	184.3	161.3	154.5	147.4	140.7	133.8	127.0
107.5°	394.4	372.0	349.6	327.3	304.9	282.5	271.7	261.0	250.0	239.2	228.5
110°	454.0	440.6	427.2	413.5	400.2	386.7	376.3	366.0	355.7	345.3	335.1



TEST NUMBER: P1444586
 CATALOG NUMBER: EHBR1-24-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	461.0	454.2	447.3	440.5	433.7	426.9	421.8	416.7	411.8	406.7	401.5
115°	429.3	427.0	424.6	422.4	420.2	418.0	417.5	417.1	416.6	416.2	415.9
117.5°	376.5	376.6	376.7	377.0	377.3	377.5	380.0	382.6	385.2	388.0	390.7
120°	324.2	325.6	327.1	328.8	330.4	332.1	335.4	338.9	342.3	346.0	349.7
122.5°	280.7	281.6	282.6	283.7	284.7	285.7	289.0	292.4	295.8	299.3	302.9
125°	247.6	247.3	247.0	246.7	246.5	246.4	249.0	251.7	254.4	257.3	260.1
127.5°	225.5	224.4	223.2	222.2	220.9	219.9	221.3	222.8	224.3	225.8	227.5
130°	212.6	210.9	208.9	207.4	205.4	203.8	204.2	204.5	205.0	205.5	205.9
132.5°	205.4	203.5	201.5	199.5	197.5	195.5	195.1	194.8	194.4	194.2	194.0
135°	201.1	199.3	197.2	195.4	193.3	191.5	190.8	190.1	189.3	188.7	188.1
137.5°	198.5	197.0	195.5	193.9	192.2	190.7	189.6	188.8	187.8	187.2	186.3
140°	197.0	195.9	194.4	193.1	191.8	190.6	189.6	189.0	188.1	187.5	186.7
142.5°	196.2	195.2	194.1	193.1	192.1	191.1	190.3	189.5	188.8	188.1	187.5
145°	196.8	196.0	195.3	194.5	193.6	193.0	192.2	191.7	191.1	190.6	190.2
147.5°	196.3	195.7	195.1	194.6	194.0	193.4	192.8	192.5	191.9	191.6	191.2
150°	195.7	195.2	194.6	194.3	193.6	193.1	192.8	192.5	192.0	191.9	191.5
152.5°	194.2	193.8	193.3	193.0	192.4	191.9	191.6	191.4	191.1	190.9	190.5
155°	193.7	193.4	193.0	192.7	192.2	192.0	191.6	191.2	191.0	190.6	190.2
157.5°	194.1	193.8	193.4	193.2	192.7	192.4	192.1	191.8	191.4	191.2	190.8
160°	194.8	194.6	194.2	193.9	193.6	193.3	192.8	192.4	192.0	191.7	191.2
162.5°	196.5	196.0	195.7	195.4	194.9	194.6	194.2	193.8	193.5	193.2	192.8
165°	197.9	197.6	197.3	197.0	196.8	196.5	196.0	195.7	195.3	194.9	194.4
167.5°	200.4	200.2	199.9	199.7	199.3	198.9	198.6	198.3	197.9	197.5	197.1
170°	202.3	201.9	201.6	201.3	201.0	200.6	200.2	199.8	199.5	199.2	198.7
172.5°	204.4	204.2	203.8	203.7	203.3	203.0	202.7	202.4	202.3	201.9	201.7
175°	204.8	204.8	204.7	204.4	204.4	204.2	204.0	204.0	203.8	203.7	203.5
177.5°	205.8	205.7	205.7	205.6	205.5	205.5	205.3	205.2	205.1	204.9	204.8
180°	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4



TEST NUMBER: P1444586
 CATALOG NUMBER: EHBR1-24-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1
2.5°	21060.7	21055.4	21058.0	21048.1	21050.4	21038.5	21037.5	21024.0	21022.7	21010.1	21005.2
5°	21773.9	21762.1	21775.3	21754.7	21758.7	21731.9	21729.7	21695.0	21683.0	21639.7	21620.9
7.5°	22557.5	22553.1	22561.2	22544.0	22543.4	22519.4	22509.6	22478.5	22459.2	22413.6	22384.6
10°	22729.2	22733.3	22726.7	22728.4	22719.0	22716.4	22706.8	22700.8	22685.1	22673.3	22656.0
12.5°	22016.3	22020.6	21993.4	22010.6	21997.0	22028.9	22026.2	22063.7	22069.5	22116.9	22134.9
15°	20368.6	20363.5	20311.3	20344.2	20326.6	20396.3	20412.0	20505.9	20556.1	20676.8	20750.8
17.5°	17879.5	17866.1	17792.6	17832.7	17812.2	17915.2	17949.8	18100.0	18193.7	18388.0	18526.5
20°	14912.5	14886.6	14800.7	14847.5	14826.6	14943.5	14992.8	15174.3	15295.2	15552.6	15735.7
22.5°	11908.5	11867.8	11783.6	11827.3	11807.5	11928.7	11992.8	12174.9	12313.4	12577.6	12791.3
25°	9210.9	9174.7	9093.2	9123.9	9116.5	9219.0	9276.0	9448.3	9584.4	9836.0	10040.1
27.5°	7025.4	6987.6	6914.1	6935.8	6928.3	7015.6	7069.5	7213.4	7330.4	7542.3	7721.4
30°	5376.9	5331.4	5269.0	5281.0	5275.9	5346.6	5396.8	5518.0	5618.4	5797.5	5951.8
32.5°	4121.3	4075.7	4018.4	4024.0	4016.4	4071.9	4113.3	4218.7	4306.1	4458.4	4592.7
35°	3153.4	3206.8	3084.5	3162.0	3081.3	3199.8	3157.1	3223.1	3298.2	3426.5	3538.6
37.5°	2424.3	2387.0	2355.5	2352.2	2352.0	2379.5	2411.9	2475.3	2541.5	2637.1	2735.8
40°	1921.0	1894.9	1874.6	1873.1	1874.6	1894.1	1918.1	1961.9	2010.4	2079.1	2151.6
42.5°	1593.4	1576.0	1563.7	1562.9	1566.7	1580.6	1597.3	1623.3	1654.8	1699.3	1749.0
45°	1379.0	1369.4	1362.6	1362.2	1364.0	1371.2	1380.8	1397.0	1417.0	1444.7	1476.3
47.5°	1228.6	1226.4	1222.1	1222.2	1220.3	1223.2	1224.3	1233.4	1244.1	1265.0	1306.1
50°	1119.2	1119.2	1116.3	1116.1	1113.3	1113.1	1110.8	1114.4	1119.4	1132.4	1145.4
52.5°	1032.7	1032.4	1029.1	1028.5	1025.6	1025.4	1023.4	1024.8	1025.5	1032.1	1039.9
55°	965.0	963.0	958.8	957.4	956.3	958.0	957.2	957.3	956.4	959.2	961.6
57.5°	916.5	913.8	909.9	908.7	908.4	910.5	910.5	909.8	906.2	903.7	900.2
60°	878.1	875.4	871.2	870.1	870.7	873.5	873.3	871.0	865.6	860.9	855.3
62.5°	840.3	839.3	837.1	836.8	836.2	836.7	834.7	832.3	826.9	821.9	815.9
65°	789.8	790.3	788.7	788.9	787.0	786.6	783.7	781.3	775.8	771.3	765.1
67.5°	737.2	737.6	736.2	736.2	735.2	735.4	733.7	731.4	726.8	723.1	718.3
70°	693.9	695.0	694.2	694.5	693.2	692.7	690.0	687.7	683.0	679.9	675.6
72.5°	642.0	644.4	644.3	644.9	643.0	642.0	638.7	635.9	631.7	629.1	625.8
75°	586.0	589.1	590.0	591.2	588.6	587.2	583.6	581.4	577.9	576.4	574.1
77.5°	531.4	534.8	537.9	540.8	536.6	532.8	528.2	524.7	519.7	517.8	514.2
80°	470.0	475.9	483.0	488.9	481.2	473.5	465.9	460.3	453.7	451.0	446.6
82.5°	390.0	396.0	400.1	403.8	398.5	392.8	385.5	380.6	373.5	370.8	365.8
85°	296.3	303.8	306.2	308.2	304.8	301.8	294.9	285.6	281.1	274.1	270.4
87.5°	194.9	199.4	200.2	200.9	198.8	197.3	192.9	188.6	180.8	175.2	168.5
90°	84.6	87.0	84.8	85.4	83.3	84.1	80.1	79.3	73.5	71.7	66.5
92.5°	17.4	16.2	15.3	14.3	15.7	16.2	17.6	18.2	19.4	20.0	21.3
95°	23.3	22.1	21.0	19.9	20.8	21.7	22.6	23.5	24.3	25.1	26.0
97.5°	31.5	30.8	30.1	29.4	29.9	30.4	30.9	31.4	31.9	32.4	33.1
100°	40.1	39.5	38.9	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
102.5°	64.0	61.6	59.0	56.6	58.2	59.9	61.6	63.3	65.0	66.7	68.5
105°	120.1	113.4	106.5	99.7	106.3	112.9	119.5	126.1	132.7	139.5	146.2
107.5°	217.6	206.8	196.1	185.3	197.3	209.4	221.4	233.4	245.5	257.5	269.6
110°	324.7	314.5	304.2	294.0	306.8	319.5	332.3	345.1	357.8	370.6	383.5



TEST NUMBER: P1444586
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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	396.4	391.5	386.5	381.5	389.8	397.9	406.2	414.6	422.8	431.1	439.4
115°	415.5	415.2	414.9	414.6	418.5	422.4	426.3	430.2	434.3	438.1	442.2
117.5°	393.3	396.0	398.8	401.6	402.8	404.0	405.4	406.7	408.0	409.4	410.8
120°	353.3	356.9	360.6	364.3	363.8	363.3	362.8	362.3	362.1	361.7	361.4
122.5°	306.5	310.1	313.8	317.5	316.4	315.3	314.2	313.2	312.4	311.5	310.5
125°	263.3	266.1	269.2	272.3	271.2	270.1	269.0	268.2	267.2	266.3	265.5
127.5°	229.3	231.0	232.8	234.7	234.2	233.7	233.4	232.9	232.7	232.5	232.3
130°	206.6	207.4	208.1	208.8	209.0	209.1	209.6	209.8	210.4	210.7	211.4
132.5°	194.1	194.0	194.1	194.2	194.8	195.4	196.2	196.9	197.9	198.7	200.0
135°	187.7	187.3	187.0	186.8	187.7	188.5	189.6	190.6	191.7	193.0	194.4
137.5°	185.8	185.3	184.8	184.3	185.2	186.0	187.0	188.1	189.3	190.6	192.0
140°	186.2	185.7	185.5	185.0	185.8	186.6	187.6	188.7	189.9	191.2	192.5
142.5°	187.0	186.4	186.0	185.8	186.4	187.2	188.3	189.2	190.3	191.3	192.6
145°	189.7	189.2	189.0	188.7	189.2	189.8	190.5	191.2	191.9	192.6	193.7
147.5°	190.9	190.6	190.4	190.2	190.6	191.0	191.4	191.9	192.5	193.2	193.9
150°	191.4	191.1	191.0	190.9	191.1	191.3	191.6	191.9	192.3	192.7	193.3
152.5°	190.5	190.1	190.1	190.0	190.1	190.3	190.6	190.8	191.2	191.4	192.0
155°	190.1	189.9	189.6	189.4	189.4	189.4	189.6	189.5	189.8	189.8	190.1
157.5°	190.7	190.4	190.2	189.9	189.8	189.6	189.6	189.5	189.5	189.4	189.5
160°	191.0	190.6	190.3	190.0	189.9	189.8	189.8	189.7	189.7	189.8	189.8
162.5°	192.6	192.3	192.0	191.7	191.5	191.2	191.2	190.9	190.7	190.5	190.5
165°	194.0	193.7	193.4	192.9	192.8	192.7	192.4	192.3	192.2	192.1	192.0
167.5°	196.8	196.4	196.2	195.8	195.5	195.1	195.0	194.7	194.4	194.1	194.1
170°	198.5	198.2	197.9	197.6	197.4	197.2	197.1	196.9	196.8	196.8	196.8
172.5°	201.4	201.2	200.9	200.7	200.5	200.3	200.3	200.2	200.0	200.0	200.0
175°	203.4	203.3	203.2	203.0	202.8	202.7	202.7	202.6	202.5	202.3	202.3
177.5°	204.6	204.5	204.4	204.3	204.2	204.2	204.2	204.2	204.2	204.1	204.1
180°	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4



TEST NUMBER: P1444586
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CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1
2.5°	20991.7	20986.2	20971.6	20964.5	20951.0	20944.2	20933.7	20927.0	20918.5	20912.2	20909.0
5°	21573.3	21546.5	21492.6	21459.5	21401.4	21363.2	21305.5	21263.2	21203.7	21159.7	21103.4
7.5°	22329.9	22288.8	22219.8	22167.7	22086.3	22024.3	21933.0	21860.1	21759.3	21675.6	21572.7
10°	22638.1	22614.0	22583.1	22549.5	22504.5	22460.3	22398.0	22334.6	22250.0	22165.8	22055.9
12.5°	22182.7	22205.3	22250.0	22270.8	22304.9	22316.5	22332.2	22324.8	22311.0	22276.6	22226.8
15°	20893.2	20987.7	21136.9	21240.2	21384.9	21486.5	21620.9	21707.5	21807.2	21866.7	21923.3
17.5°	18771.8	18954.5	19218.0	19428.2	19710.3	19939.8	20220.8	20441.6	20696.6	20892.2	21100.4
20°	16054.8	16310.6	16674.4	16983.2	17392.0	17738.7	18182.9	18554.9	18988.9	19350.7	19741.2
22.5°	13130.5	13431.5	13848.2	14220.7	14708.9	15145.0	15701.4	16193.5	16780.2	17305.8	17887.2
25°	10371.8	10666.8	11091.2	11476.9	12004.0	12484.4	13092.3	13656.7	14337.5	14972.5	15701.4
27.5°	8006.0	8268.0	8641.2	8988.3	9471.0	9942.6	10559.6	11161.4	11888.0	12570.3	13355.9
30°	6182.9	6395.5	6694.4	6973.8	7361.3	7746.9	8296.5	8853.1	9576.0	10283.2	11088.5
32.5°	4791.6	4972.8	5222.4	5449.1	5747.7	6038.5	6443.3	6887.9	7522.2	8199.5	8978.2
35°	3709.2	3864.3	4076.7	4272.0	4517.5	4748.4	5050.4	5367.9	5851.8	6421.5	7118.5
37.5°	2957.1	3020.4	3172.0	3332.0	3536.0	3725.7	3961.9	4196.7	4542.9	4992.4	5561.8
40°	2248.9	2349.3	2472.7	2598.7	2753.1	2905.3	3164.5	3289.3	3517.2	3839.9	4281.8
42.5°	1814.6	1885.2	1972.0	2059.6	2167.3	2273.2	2404.3	2537.8	2708.2	2926.8	3241.1
45°	1518.5	1564.5	1620.5	1678.9	1749.5	1821.8	1909.6	2001.3	2116.8	2251.2	2442.0
47.5°	1320.7	1346.1	1382.7	1422.5	1471.0	1521.1	1578.1	1636.5	1708.3	1787.9	1896.7
50°	1166.3	1187.5	1215.9	1242.5	1276.0	1327.3	1349.9	1382.2	1425.3	1472.2	1533.0
52.5°	1054.5	1068.6	1086.5	1101.8	1122.9	1142.1	1167.3	1189.5	1219.4	1247.6	1286.9
55°	967.5	972.7	982.8	992.6	1007.2	1020.4	1037.7	1052.2	1071.3	1088.1	1112.8
57.5°	900.4	900.7	905.5	910.6	920.0	928.3	940.1	949.7	962.9	973.6	988.5
60°	852.0	849.5	850.4	852.2	857.4	862.8	870.5	876.7	885.0	891.0	899.4
62.5°	811.9	807.8	806.8	806.4	809.0	811.0	815.1	818.1	822.9	825.5	829.9
65°	761.1	756.4	754.5	752.2	753.0	752.4	754.0	754.1	756.5	757.0	759.6
67.5°	715.0	711.1	708.6	705.7	704.4	702.3	701.3	699.3	699.0	697.3	696.9
70°	673.1	669.1	667.2	664.4	663.0	660.2	658.5	655.1	653.0	649.9	648.1
72.5°	624.4	622.3	621.7	619.8	619.3	617.8	617.1	614.6	613.2	610.5	609.0
75°	573.7	571.9	571.7	569.8	569.7	567.9	567.4	564.8	563.5	560.8	559.6
77.5°	513.1	510.5	509.8	507.5	508.1	507.2	507.9	506.1	505.2	502.4	501.6
80°	445.1	441.6	440.3	437.4	438.2	436.8	438.2	438.0	439.0	436.8	436.4
82.5°	364.3	360.6	359.9	357.9	359.2	359.4	362.3	360.7	361.3	359.3	360.2
85°	265.1	262.4	258.4	257.9	255.4	257.9	254.6	256.9	253.2	255.8	252.3
87.5°	164.3	158.6	155.6	151.5	149.9	146.0	144.3	141.4	142.3	141.0	141.7
90°	65.8	61.4	61.0	57.7	58.0	55.2	56.2	54.4	55.9	54.0	55.8
92.5°	21.9	22.9	24.7	26.6	28.2	30.0	31.7	33.7	35.3	37.2	38.8
95°	26.9	27.8	30.2	32.5	34.9	37.2	39.6	41.9	44.3	46.7	49.0
97.5°	33.6	34.1	36.4	38.8	41.2	43.5	45.8	48.3	50.7	53.0	55.4
100°	38.3	38.4	45.1	51.8	58.4	65.2	71.8	78.5	85.3	91.9	98.6
102.5°	70.1	71.8	88.7	105.6	122.5	139.4	156.2	173.2	190.1	207.1	224.1
105°	152.7	159.4	185.2	210.9	236.6	262.5	288.2	314.1	339.9	365.7	391.5
107.5°	281.7	293.7	317.1	340.4	363.6	387.0	410.4	433.7	457.1	480.3	503.9
110°	396.3	409.1	424.7	440.4	456.1	471.7	487.4	503.1	518.8	534.6	550.4



TEST NUMBER: P1444586
 CATALOG NUMBER: EHBR1-24-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	447.5	456.0	465.1	474.3	483.5	492.7	501.9	511.2	520.4	529.7	539.1
115°	446.2	450.3	453.8	457.5	461.1	464.8	468.5	472.4	476.2	479.9	483.8
117.5°	412.1	413.6	414.2	415.0	415.6	416.6	417.3	418.3	419.1	420.0	420.8
120°	361.0	360.8	360.4	360.0	359.6	359.3	359.1	358.7	358.6	358.3	358.1
122.5°	309.6	308.9	308.6	308.2	308.0	307.8	307.6	307.6	307.5	307.3	307.2
125°	264.7	264.1	264.9	265.7	266.6	267.5	268.4	269.4	270.3	271.3	272.3
127.5°	232.1	232.2	233.8	235.6	237.3	239.1	240.9	242.7	244.5	246.5	248.1
130°	211.9	212.7	214.7	216.9	219.0	221.3	223.5	225.7	227.9	230.1	232.3
132.5°	201.0	202.3	204.1	206.3	208.3	210.5	212.8	214.9	217.1	219.3	221.3
135°	195.8	197.3	199.2	201.2	203.1	205.3	207.2	209.3	211.2	213.3	215.1
137.5°	193.3	194.9	196.6	198.1	199.7	201.6	203.1	204.9	206.5	208.1	209.8
140°	193.9	195.4	196.3	197.5	198.6	199.8	200.7	202.0	202.9	204.2	205.1
142.5°	193.8	195.3	195.9	196.7	197.5	198.5	199.2	200.0	200.8	201.6	202.2
145°	194.6	195.8	196.1	196.4	196.8	197.0	197.3	197.7	197.9	198.2	198.5
147.5°	194.7	195.5	195.5	195.8	195.9	196.0	196.2	196.4	196.4	196.6	196.7
150°	193.8	194.4	194.3	194.4	194.2	194.2	194.1	194.1	194.0	194.0	193.8
152.5°	192.3	192.8	192.5	192.5	192.3	192.2	191.9	191.9	191.6	191.5	191.4
155°	190.1	190.4	190.2	190.2	190.0	189.9	189.7	189.9	189.8	189.7	189.7
157.5°	189.4	189.4	189.3	189.3	189.2	189.1	189.1	189.1	189.1	189.3	189.4
160°	189.7	189.8	189.6	189.6	189.5	189.4	189.4	189.4	189.4	189.7	189.8
162.5°	190.2	190.1	190.0	190.0	189.9	189.8	189.9	190.1	190.0	190.3	190.4
165°	192.0	192.1	191.9	191.8	191.7	191.6	191.6	191.6	191.7	191.7	191.9
167.5°	194.0	193.9	193.9	193.9	193.9	194.0	194.1	194.4	194.5	194.8	194.9
170°	196.7	196.8	196.6	196.6	196.6	196.6	196.6	196.5	196.7	196.8	196.7
172.5°	200.0	200.0	199.9	199.7	199.6	199.4	199.3	199.3	199.2	199.1	199.0
175°	202.2	202.1	202.0	202.0	201.9	201.7	201.7	201.5	201.4	201.4	201.3
177.5°	204.0	203.8	203.7	203.7	203.7	203.6	203.6	203.5	203.5	203.5	203.3
180°	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4



TEST NUMBER: P1444586
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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°	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1
2.5°	20904.8	20904.5	20902.5	20903.4	20903.8	20905.2	20907.1	20909.0	20909.3	20910.8	20911.1
5°	21061.1	21009.5	20971.3	20929.1	20897.5	20869.0	20850.0	20835.0	20829.1	20830.6	20834.1
7.5°	21485.4	21378.6	21290.6	21190.4	21106.9	21018.5	20945.1	20875.5	20824.7	20786.9	20765.7
10°	21950.9	21820.9	21696.5	21551.6	21414.1	21267.4	21134.5	21000.7	20889.1	20792.2	20721.1
12.5°	22157.6	22065.6	21958.0	21821.3	21674.2	21504.9	21333.9	21150.7	20980.2	20822.0	20694.4
15°	21938.8	21939.0	21899.8	21834.1	21731.9	21596.7	21433.8	21242.8	21041.7	20836.5	20649.0
17.5°	21244.4	21375.5	21448.3	21494.4	21480.3	21430.5	21326.7	21180.1	20992.6	20774.0	20545.2
20°	20052.0	20361.1	20581.4	20779.5	20890.5	20964.3	20956.9	20897.2	20763.7	20577.9	20339.6
22.5°	18381.8	18900.4	19309.6	19691.2	19958.8	20176.6	20280.0	20324.0	20263.5	20134.1	19910.3
25°	16353.0	17058.1	17659.9	18243.9	18682.0	19058.5	19284.7	19444.1	19456.8	19389.1	19189.5
27.5°	14098.6	14931.0	15692.6	16468.8	17084.8	17626.0	17981.2	18241.1	18323.6	18312.8	18131.5
30°	11847.2	12721.0	13560.5	14465.5	15227.9	15919.3	16388.4	16740.0	16875.4	16901.4	16727.0
32.5°	9720.9	10582.6	11419.8	12365.9	13204.9	13997.3	14551.6	14969.1	15126.6	15163.7	14972.5
35°	7791.1	8586.1	9381.7	10298.8	11132.8	11953.4	12537.5	12974.6	13121.8	13146.5	12925.1
37.5°	6117.7	6795.0	7488.3	8311.2	9077.0	9847.8	10402.6	10813.5	10920.7	10914.0	10663.5
40°	4708.7	5235.3	5792.3	6469.8	7106.6	7758.0	8226.6	8566.3	8622.5	8580.9	8317.6
42.5°	3540.7	3921.1	4324.9	4830.6	5303.0	5790.6	6131.5	6383.6	6391.7	6325.8	6089.5
45°	2637.8	3008.9	3178.3	3483.9	3788.3	4112.5	4320.7	4476.4	4452.3	4394.3	4214.8
47.5°	2010.9	2153.4	2304.7	2494.3	2671.6	3039.5	3012.3	3262.3	3082.2	3205.1	2934.7
50°	1596.9	1676.6	1758.1	1858.7	1951.3	2047.5	2107.6	2152.4	2146.6	2127.3	2075.5
52.5°	1358.5	1383.1	1423.3	1480.5	1532.3	1584.2	1618.5	1646.3	1646.9	1639.0	1612.9
55°	1135.4	1166.8	1195.5	1233.0	1296.6	1306.4	1355.5	1345.5	1349.5	1335.8	1349.7
57.5°	1001.1	1019.3	1035.5	1057.8	1076.2	1097.7	1110.4	1122.5	1121.4	1118.7	1105.4
60°	906.0	916.0	925.0	938.0	948.1	960.2	966.1	972.3	970.2	965.7	953.8
62.5°	832.5	838.9	844.0	852.3	858.5	866.1	869.0	871.7	869.0	864.8	854.3
65°	760.1	764.2	767.5	773.7	778.1	784.5	787.1	789.6	787.2	783.9	775.8
67.5°	694.9	695.2	694.9	697.4	698.8	702.6	703.8	705.7	702.8	700.0	693.2
70°	645.3	644.3	643.0	644.1	644.3	646.1	646.4	646.1	642.8	637.8	630.4
72.5°	606.6	606.1	605.1	606.0	606.0	607.6	607.1	606.3	602.1	597.3	590.0
75°	556.8	556.5	554.6	554.6	553.0	553.6	551.5	550.5	545.9	541.8	535.2
77.5°	498.6	497.6	494.9	493.9	490.9	489.7	485.9	484.1	479.4	476.1	470.5
80°	433.6	432.6	429.1	427.1	422.5	419.5	413.9	410.7	405.3	402.1	396.7
82.5°	358.3	358.7	355.3	352.8	346.2	341.0	333.6	329.6	323.7	320.5	314.9
85°	254.9	251.3	253.1	253.0	248.8	244.4	238.3	234.1	229.1	226.1	222.2
87.5°	139.8	140.7	139.7	138.8	135.8	133.6	128.9	126.3	122.7	120.9	118.0
90°	51.5	50.6	46.6	45.8	41.7	39.8	35.2	33.7	29.5	28.7	25.8
92.5°	36.8	34.9	33.0	30.8	29.1	27.1	25.0	23.1	21.1	20.2	19.8
95°	46.2	43.3	40.5	37.6	34.7	31.8	29.1	26.2	23.4	22.8	22.2
97.5°	52.1	48.6	45.3	42.0	38.6	35.3	32.0	28.6	25.2	24.9	24.5
100°	91.0	83.3	75.5	67.8	60.0	52.3	44.5	36.7	29.1	28.7	28.2
102.5°	205.2	186.3	167.7	148.9	130.3	111.4	92.6	73.8	55.0	52.3	49.6
105°	363.1	334.7	306.4	278.0	249.5	221.0	192.7	164.1	135.8	126.6	117.5
107.5°	477.2	450.5	423.9	397.2	370.4	343.8	317.1	290.4	263.6	247.5	231.5
110°	529.3	508.0	487.0	465.9	444.7	423.6	402.3	381.2	360.1	346.2	332.5



TEST NUMBER: P1444586
 CATALOG NUMBER: EHBR1-24-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	523.7	508.2	492.9	477.4	462.1	446.5	431.1	415.6	400.1	391.7	383.5
115°	474.6	465.4	456.3	447.0	437.8	428.6	419.4	410.0	400.8	396.4	392.1
117.5°	416.3	411.7	407.3	402.6	398.0	393.3	388.8	384.1	379.4	378.0	376.6
120°	357.2	356.0	354.6	353.4	352.1	351.0	349.6	348.3	346.9	347.3	347.7
122.5°	308.0	308.9	309.8	310.5	311.4	312.1	313.0	313.6	314.3	315.8	317.2
125°	274.0	275.6	277.4	279.1	280.6	282.3	284.1	285.5	287.3	288.7	290.2
127.5°	250.2	252.0	253.9	255.8	257.7	259.4	261.4	263.0	264.9	266.2	267.7
130°	234.1	235.6	237.4	239.1	240.8	242.4	244.0	245.8	247.3	248.5	249.7
132.5°	222.9	224.5	226.0	227.5	229.2	230.5	232.2	233.7	235.4	236.2	237.3
135°	216.5	217.7	218.9	220.0	221.4	222.6	223.9	225.1	226.5	227.3	228.2
137.5°	210.9	211.9	213.1	213.9	215.1	216.1	217.4	218.4	219.7	220.1	221.0
140°	206.2	207.2	208.3	209.3	210.5	211.5	212.9	214.0	215.2	215.9	216.5
142.5°	203.1	203.8	204.7	205.6	206.6	207.4	208.4	209.5	210.6	211.3	211.9
145°	199.5	200.4	201.4	202.3	203.2	204.3	205.6	206.7	207.9	208.3	208.9
147.5°	197.4	198.1	199.1	199.9	200.8	201.6	202.8	203.7	204.9	205.4	205.8
150°	194.7	195.5	196.4	197.1	198.1	199.1	200.2	201.3	202.5	203.0	203.5
152.5°	192.3	193.1	194.0	195.0	196.0	197.0	198.2	199.3	200.5	201.0	201.6
155°	190.6	191.3	192.3	193.3	194.3	195.3	196.4	197.4	198.5	199.2	199.7
157.5°	190.2	190.9	191.8	192.7	193.6	194.5	195.6	196.5	197.5	197.9	198.4
160°	190.5	191.2	191.9	192.8	193.6	194.5	195.4	196.3	197.1	197.5	198.0
162.5°	191.1	191.8	192.6	193.4	194.3	195.1	196.0	196.8	197.6	198.0	198.5
165°	192.5	193.1	193.8	194.3	194.9	195.5	196.2	196.8	197.5	197.9	198.5
167.5°	195.5	195.8	196.4	196.8	197.3	197.8	198.5	198.9	199.5	199.9	200.3
170°	197.1	197.5	197.9	198.3	198.9	199.3	199.7	200.2	200.8	201.1	201.5
172.5°	199.2	199.4	199.8	200.0	200.3	200.6	200.9	201.3	201.5	202.0	202.2
175°	201.5	201.5	201.7	201.8	201.9	202.1	202.3	202.4	202.6	202.8	203.0
177.5°	203.4	203.5	203.5	203.6	203.9	204.0	204.1	204.2	204.4	204.6	204.8
180°	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4



TEST NUMBER: P1444586
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CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1
2.5°	20910.4	20910.2	20909.5	20908.6	20907.6	20908.2	20909.1	20911.5	20915.7	20921.7	20929.7
5°	20837.0	20841.3	20843.7	20844.0	20841.8	20840.5	20842.6	20848.3	20859.9	20879.3	20905.5
7.5°	20760.1	20765.3	20773.4	20779.5	20780.6	20779.1	20779.5	20788.5	20809.9	20847.8	20900.8
10°	20677.8	20662.2	20670.5	20685.5	20697.5	20699.7	20701.1	20711.8	20743.1	20800.3	20885.6
12.5°	20601.9	20552.5	20543.0	20556.5	20574.7	20580.6	20578.9	20583.5	20620.2	20695.9	20814.8
15°	20502.1	20409.0	20377.3	20380.7	20403.2	20411.3	20405.4	20396.3	20432.1	20524.5	20678.4
17.5°	20340.5	20190.4	20132.0	20129.4	20155.8	20162.7	20148.3	20120.3	20155.4	20270.8	20461.8
20°	20095.0	19873.4	19763.2	19745.8	19774.3	19766.0	19737.1	19694.9	19741.0	19881.3	20108.5
22.5°	19653.3	19372.7	19184.6	19123.9	19158.1	19135.3	19093.2	19039.2	19100.5	19259.9	19513.0
25°	18931.7	18607.5	18349.9	18205.5	18232.7	18191.9	18146.1	18080.6	18153.8	18336.7	18615.3
27.5°	17871.2	17496.5	17177.5	16938.3	16947.1	16893.6	16840.9	16756.1	16847.5	17064.0	17378.2
30°	16460.9	16027.4	15638.8	15313.8	15284.7	15232.9	15178.8	15067.6	15181.9	15441.1	15808.2
32.5°	14689.8	14208.5	13759.5	13348.6	13271.0	13220.4	13172.3	13044.3	13194.0	13496.2	13917.9
35°	12618.5	12105.9	11619.1	11149.7	11021.3	10970.7	10928.5	10805.9	10992.7	11321.6	11777.1
37.5°	10345.1	9821.3	9338.0	8856.7	8675.3	8606.6	8576.1	8495.7	8711.1	9036.5	9493.8
40°	8011.2	7524.2	7090.9	6665.7	6458.9	6353.8	6337.8	6323.1	6531.5	6813.7	7228.9
42.5°	5827.8	5434.8	5100.8	4775.8	4588.4	4444.9	4444.8	4488.4	4675.9	4887.3	5207.5
45°	4031.3	3767.6	3554.7	3337.6	3395.6	3109.6	3277.7	3191.4	3284.1	3420.4	3628.5
47.5°	2771.1	2627.2	2510.2	2388.9	2300.5	2216.1	2223.5	2277.9	2365.2	2446.1	2554.4
50°	2019.7	1946.4	1886.8	1823.8	1779.8	1742.6	1744.7	1768.3	1814.2	1856.8	1913.5
52.5°	1582.5	1542.1	1509.8	1474.9	1451.8	1433.3	1434.3	1445.8	1470.6	1494.9	1527.4
55°	1304.4	1299.6	1257.4	1226.2	1214.3	1201.8	1204.1	1208.6	1225.5	1239.7	1261.2
57.5°	1093.1	1074.2	1061.5	1045.1	1037.6	1028.8	1030.8	1032.5	1043.8	1053.3	1068.8
60°	943.9	930.5	921.6	910.4	905.4	899.9	901.1	902.1	909.3	915.6	926.7
62.5°	844.8	832.8	825.0	816.4	812.8	809.1	810.0	810.3	814.8	819.4	827.8
65°	768.7	759.2	752.7	745.3	741.6	737.7	738.1	738.1	741.9	745.3	751.5
67.5°	688.3	681.1	676.9	671.0	668.5	664.6	664.5	663.2	665.7	667.1	671.3
70°	623.7	616.5	611.2	605.5	602.3	598.9	598.9	599.0	601.9	604.9	610.5
72.5°	583.9	576.9	572.2	567.3	564.2	561.3	560.8	560.5	562.6	564.2	567.9
75°	531.0	525.5	522.8	518.1	515.8	512.4	511.9	510.3	511.3	511.7	514.3
77.5°	467.0	461.8	459.5	454.8	452.8	449.0	448.7	447.0	447.8	447.2	449.4
80°	394.0	389.3	388.0	384.1	383.2	379.7	379.2	377.0	377.7	376.0	376.8
82.5°	312.5	308.1	307.3	303.6	303.6	300.5	300.3	297.1	297.1	294.4	290.1
85°	220.1	216.9	215.6	212.7	211.8	209.2	207.9	204.9	203.8	201.9	201.3
87.5°	116.2	114.1	112.4	111.0	108.3	103.8	103.4	100.2	100.5	98.2	98.3
90°	25.2	22.7	22.3	19.9	19.3	17.6	17.2	17.1	17.5	17.6	18.0
92.5°	19.2	18.5	17.9	17.2	16.5	15.9	15.2	15.9	16.5	17.2	17.9
95°	21.6	21.0	20.5	19.9	19.4	18.8	18.2	18.8	19.4	20.0	20.6
97.5°	24.2	23.8	23.4	23.0	22.7	22.3	21.9	22.4	22.8	23.1	23.5
100°	27.8	27.3	26.9	26.4	26.0	25.5	25.1	25.7	26.2	26.6	27.1
102.5°	47.0	44.2	41.6	38.8	36.0	33.4	30.6	33.4	36.0	38.9	41.6
105°	108.2	99.2	90.1	80.9	71.7	62.6	53.4	62.7	71.8	81.0	90.3
107.5°	215.3	199.4	183.3	167.3	151.0	135.0	118.9	135.0	151.1	167.3	183.4
110°	318.7	304.8	290.9	277.0	263.2	249.3	235.4	249.4	263.3	277.2	291.1



TEST NUMBER: P1444586
 CATALOG NUMBER: EHBR1-24-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	375.0	366.6	358.2	349.9	341.3	333.0	324.4	333.2	341.6	350.3	358.7
115°	387.8	383.4	379.2	374.7	370.2	365.9	361.4	366.1	370.6	375.2	379.7
117.5°	375.1	373.8	372.3	370.8	369.3	367.9	366.3	368.1	369.7	371.5	373.1
120°	348.0	348.4	348.7	349.0	349.3	349.5	349.7	349.9	349.9	349.9	349.8
122.5°	318.6	320.0	321.2	322.6	323.9	325.0	326.2	325.3	324.4	323.6	322.4
125°	291.5	293.1	294.4	295.9	297.1	298.5	299.6	298.9	298.0	297.0	295.9
127.5°	269.1	270.4	271.7	273.1	274.4	275.5	276.5	275.9	275.1	274.3	273.4
130°	250.9	252.2	253.1	254.2	255.2	256.1	256.8	256.5	256.0	255.6	254.9
132.5°	238.2	239.3	240.3	241.1	241.8	242.6	243.1	243.1	242.8	242.6	242.1
135°	229.0	229.8	230.4	231.3	231.8	232.4	232.7	232.9	232.8	232.8	232.5
137.5°	221.5	222.2	222.7	223.2	223.6	223.9	224.1	224.5	224.5	224.9	224.7
140°	217.1	217.8	218.4	218.9	219.3	219.6	219.8	220.2	220.4	220.5	220.5
142.5°	212.5	213.1	213.6	214.2	214.5	214.9	215.1	215.4	215.6	215.7	215.8
145°	209.4	209.9	210.4	210.9	211.1	211.4	211.4	212.0	212.2	212.5	212.6
147.5°	206.4	207.0	207.2	207.6	207.9	208.0	208.1	208.5	208.8	209.0	209.2
150°	204.2	204.8	205.2	205.7	206.1	206.4	206.5	206.9	207.1	207.2	207.2
152.5°	202.2	202.5	203.0	203.3	203.8	204.0	204.2	204.5	204.9	205.0	205.1
155°	200.2	200.8	201.2	201.7	202.0	202.3	202.6	202.9	203.2	203.3	203.5
157.5°	198.9	199.4	199.8	200.3	200.6	201.1	201.4	201.8	202.1	202.3	202.4
160°	198.4	199.0	199.3	199.8	200.2	200.6	200.9	201.3	201.6	201.8	202.1
162.5°	198.9	199.4	199.6	200.1	200.5	200.9	201.2	201.6	201.9	202.2	202.3
165°	198.8	199.3	199.8	200.3	200.7	201.1	201.5	201.8	201.9	202.2	202.3
167.5°	200.6	201.1	201.5	202.0	202.2	202.6	203.0	203.2	203.4	203.6	203.7
170°	201.8	202.2	202.4	202.8	203.2	203.5	203.8	203.9	204.1	204.3	204.4
172.5°	202.5	202.9	203.3	203.7	204.0	204.4	204.7	204.9	204.9	204.9	204.8
175°	203.3	203.6	203.9	204.2	204.4	204.7	205.1	204.9	205.1	205.0	205.0
177.5°	205.2	205.6	205.9	206.1	206.4	206.6	206.9	206.7	206.6	206.4	206.2
180°	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4



TEST NUMBER: P1444586
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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°	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1
2.5°	20940.9	20951.4	20967.4	20982.0	21003.8	21021.1	21047.0	21066.6	21095.8	21114.9	21146.6
5°	20942.8	20983.7	21037.7	21090.2	21153.4	21210.7	21282.0	21342.8	21414.5	21473.0	21546.3
7.5°	20972.3	21051.4	21146.1	21241.5	21349.4	21450.3	21564.1	21667.0	21779.6	21874.8	21978.9
10°	20994.2	21116.0	21255.6	21396.1	21543.9	21681.1	21819.8	21939.7	22051.7	22143.8	22225.1
12.5°	20964.6	21132.4	21311.5	21484.5	21648.8	21791.0	21910.2	22002.4	22066.0	22109.1	22119.2
15°	20863.9	21065.9	21260.6	21432.8	21569.3	21674.5	21728.9	21754.3	21727.0	21681.5	21581.7
17.5°	20675.8	20888.8	21063.0	21198.8	21270.8	21299.4	21254.3	21175.9	21022.5	20852.3	20606.5
20°	20331.0	20529.5	20655.7	20729.9	20710.6	20639.2	20469.0	20262.0	19955.9	19629.7	19199.1
22.5°	19726.1	19899.7	19967.0	19972.5	19854.8	19676.3	19369.2	19014.2	18531.2	18029.1	17411.7
25°	18818.2	18970.2	18980.9	18921.1	18705.8	18416.5	17965.5	17463.3	16807.1	16138.0	15364.3
27.5°	17586.8	17732.7	17696.9	17585.5	17286.6	16899.5	16322.1	15673.3	14864.3	14074.2	13218.2
30°	16039.0	16194.9	16153.0	16010.1	15654.6	15197.0	14517.6	13763.8	12865.6	12021.6	11154.3
32.5°	14186.7	14383.8	14354.8	14219.0	13848.1	13358.3	12621.1	11821.6	10902.7	10071.0	9227.3
35°	12081.2	12320.5	12332.9	12244.1	11899.7	11415.7	10687.8	9913.9	9033.7	8249.0	7469.5
37.5°	9812.9	10090.3	10147.3	10123.4	9837.9	9410.6	8747.4	8053.2	7273.4	6585.7	5919.1
40°	7531.9	7812.7	7910.2	7939.2	7728.5	7397.5	6853.3	6293.0	5657.2	5099.9	4570.6
42.5°	5451.8	5700.8	5795.0	5854.2	5722.8	5502.0	5105.0	4698.1	4232.3	3830.4	3445.0
45°	3786.4	3962.5	4034.1	4093.7	4022.1	3897.7	3646.9	3392.4	3085.0	2822.4	2573.7
47.5°	2647.3	2744.4	2791.7	2820.6	2792.9	2728.0	2591.4	2444.1	2270.5	2117.0	1969.5
50°	1962.2	2014.0	2038.6	2055.3	2035.2	1999.0	1925.2	1844.9	1749.6	1662.7	1577.7
52.5°	1555.0	1584.6	1599.3	1608.4	1596.8	1574.7	1531.7	1484.1	1427.0	1373.2	1345.0
55°	1310.0	1308.5	1342.5	1326.1	1342.5	1305.8	1298.1	1245.8	1198.4	1164.9	1128.7
57.5°	1080.3	1095.7	1102.2	1109.6	1104.8	1098.1	1079.8	1061.2	1036.1	1015.2	992.9
60°	935.1	947.8	955.0	962.2	961.7	959.3	948.7	937.5	921.9	909.3	895.8
62.5°	835.1	846.1	853.2	860.1	860.8	859.7	851.7	844.0	833.3	825.4	816.1
65°	756.5	764.2	769.0	774.5	774.2	772.8	765.5	759.0	750.3	744.8	738.0
67.5°	674.1	679.9	683.7	688.9	690.0	690.2	686.2	683.3	679.0	677.4	675.0
70°	615.6	622.7	628.7	635.2	638.9	640.5	638.9	637.3	634.7	633.7	631.9
72.5°	571.3	577.3	581.9	587.9	591.2	593.7	592.3	591.5	589.3	589.0	587.8
75°	516.2	520.3	523.0	527.5	529.3	531.5	530.5	531.0	530.3	532.1	532.0
77.5°	450.1	453.1	454.3	457.5	457.9	460.6	461.3	464.4	466.7	471.7	474.3
80°	375.5	377.5	377.5	380.8	382.3	386.9	389.1	394.3	396.7	401.2	401.6
82.5°	291.7	289.5	291.7	290.4	294.6	299.8	300.5	304.9	305.9	308.7	306.5
85°	199.4	199.3	197.5	197.8	196.5	197.1	196.4	197.1	196.5	196.5	194.5
87.5°	95.6	96.5	94.3	95.0	93.0	93.9	92.1	93.5	91.5	91.7	88.6
90°	18.2	18.5	18.8	19.2	19.8	20.9	22.2	23.3	24.9	25.9	27.3
92.5°	18.5	19.3	19.9	20.5	21.2	23.2	25.1	27.2	29.3	31.1	33.1
95°	21.1	21.7	22.3	23.1	23.7	26.5	29.4	32.2	35.1	38.0	40.9
97.5°	24.0	24.4	24.7	25.0	25.5	28.9	32.3	35.7	39.0	42.4	45.7
100°	27.6	28.1	28.5	29.0	29.4	37.1	44.9	52.7	60.4	68.3	76.0
102.5°	44.4	47.1	49.9	52.7	55.4	74.3	93.1	111.9	130.6	149.5	168.3
105°	99.4	108.5	117.9	127.0	136.1	164.6	193.2	221.7	250.1	278.6	307.1
107.5°	199.6	215.7	232.0	248.1	264.2	291.0	317.8	344.5	371.3	398.2	424.7
110°	305.2	319.0	333.0	346.9	360.9	382.1	403.4	424.5	445.8	467.1	488.2



TEST NUMBER: P1444586
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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°	367.3	375.7	384.3	392.5	401.1	416.7	432.3	447.8	463.4	478.8	494.4
115°	384.3	388.6	393.2	397.5	402.0	411.4	420.7	430.1	439.5	448.7	458.0
117.5°	374.7	376.3	377.9	379.3	380.8	385.6	390.4	395.1	399.9	404.6	409.3
120°	349.7	349.5	349.3	349.0	348.8	350.1	351.7	353.0	354.4	355.7	357.0
122.5°	321.5	320.1	319.0	317.9	316.6	315.9	315.2	314.5	313.9	313.2	312.6
125°	294.9	293.5	292.3	291.0	289.7	288.2	286.7	285.1	283.6	282.0	280.4
127.5°	272.5	271.3	270.2	268.9	267.8	265.9	264.3	262.5	260.8	259.0	257.3
130°	254.2	253.3	252.5	251.4	250.6	248.9	247.4	245.9	244.2	242.7	241.1
132.5°	241.6	241.0	240.4	239.5	238.8	237.2	235.9	234.4	233.0	231.4	230.1
135°	232.2	231.7	231.4	230.8	230.2	229.0	227.9	226.7	225.5	224.5	223.3
137.5°	224.8	224.5	224.3	223.9	223.6	222.5	221.6	220.5	219.6	218.6	217.7
140°	220.4	220.2	220.0	219.7	219.3	218.4	217.4	216.3	215.3	214.2	213.4
142.5°	215.6	215.5	215.3	215.0	214.7	213.8	213.3	212.4	211.5	210.7	210.0
145°	212.5	212.4	212.5	212.2	212.2	211.2	210.4	209.3	208.6	207.7	206.9
147.5°	209.4	209.3	209.3	209.3	209.3	208.4	207.9	207.1	206.5	205.6	205.1
150°	207.3	207.3	207.2	207.1	207.0	206.3	205.7	204.9	204.3	203.5	202.9
152.5°	205.2	205.3	205.3	205.3	205.4	204.8	204.1	203.3	202.6	202.0	201.3
155°	203.7	203.7	203.8	203.8	203.8	203.2	202.6	202.0	201.4	200.8	200.2
157.5°	202.6	202.7	202.9	203.0	203.1	202.6	202.2	201.6	201.1	200.5	200.0
160°	202.3	202.4	202.6	202.7	202.8	202.4	202.2	201.6	201.3	200.7	200.1
162.5°	202.6	202.8	203.0	203.1	203.2	202.8	202.5	202.2	201.7	201.1	200.6
165°	202.5	202.5	202.7	202.7	202.7	202.4	202.3	202.0	201.7	201.4	201.1
167.5°	203.9	203.9	204.1	204.1	204.1	203.9	204.0	203.6	203.4	203.2	203.0
170°	204.6	204.6	204.7	204.8	204.8	204.6	204.4	204.2	204.2	203.7	203.5
172.5°	204.9	204.9	204.8	204.9	204.8	204.7	204.5	204.4	204.3	204.2	204.0
175°	204.9	204.9	204.8	204.8	204.7	204.7	204.7	204.7	204.6	204.6	204.5
177.5°	206.1	206.0	205.7	205.6	205.5	205.4	205.4	205.4	205.4	205.3	205.2
180°	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4



TEST NUMBER: P1444586
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CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1
2.5°	21166.3	21035.6	21018.3	21027.5	21049.3	21057.4	21081.0	21087.5	21111.1	21117.0	21139.8
5°	21603.1	21430.3	21438.9	21480.5	21543.3	21580.9	21642.6	21675.0	21734.0	21760.8	21814.1
7.5°	22063.5	21927.9	21970.2	22040.3	22126.2	22185.8	22260.1	22308.4	22372.5	22412.2	22463.4
10°	22289.7	22252.5	22299.1	22354.2	22403.3	22441.7	22473.2	22498.4	22514.9	22530.3	22537.1
12.5°	22117.7	22175.1	22183.1	22177.7	22145.3	22120.4	22064.6	22026.8	21959.5	21918.6	21838.6
15°	21479.7	21606.2	21536.2	21430.1	21274.9	21145.5	20962.8	20826.8	20636.5	20507.4	20316.5
17.5°	20360.2	20519.9	20337.4	20091.9	19779.7	19512.7	19180.2	18916.1	18585.5	18344.9	18036.4
20°	18784.2	18933.4	18607.9	18201.0	17718.1	17311.7	16832.4	16450.0	16004.7	15673.3	15273.5
22.5°	16821.9	16928.2	16469.6	15921.2	15305.9	14798.1	14225.1	13766.6	13258.3	12879.6	12453.2
25°	14651.0	14679.7	14129.5	13497.7	12812.0	12241.4	11629.5	11147.5	10629.1	10245.3	9826.9
27.5°	12459.9	12417.8	11823.1	11153.2	10431.9	9838.8	9242.1	8790.4	8336.4	7990.6	7630.1
30°	10391.7	10289.9	9672.4	8983.8	8283.7	7752.0	7256.7	6893.9	6532.8	6258.5	5969.1
32.5°	8495.2	8351.5	7750.5	7105.4	6515.4	6105.2	5737.8	5463.3	5171.7	4940.0	4697.2
35°	6815.4	6662.3	6129.9	5583.0	5136.4	4834.0	4545.3	4320.2	4072.5	3877.0	3666.2
37.5°	5373.8	5248.3	4802.3	4371.9	4034.1	3799.7	3563.2	3379.2	3174.5	3088.6	2863.2
40°	4148.6	4060.8	3712.1	3394.9	3141.2	3031.1	2791.0	2619.0	2466.1	2340.0	2217.9
42.5°	3235.9	3204.9	2865.5	2618.1	2439.5	2300.8	2166.9	2058.4	1952.6	1865.6	1783.5
45°	2374.7	2350.1	2199.4	2056.6	1934.9	1837.9	1747.6	1672.8	1603.7	1546.4	1494.2
47.5°	1849.1	1841.3	1754.5	1665.9	1589.3	1527.1	1468.3	1418.7	1372.8	1334.6	1322.1
50°	1504.0	1503.0	1452.1	1397.4	1342.8	1306.8	1269.3	1240.0	1210.6	1187.7	1163.4
52.5°	1277.9	1272.3	1238.0	1204.3	1171.9	1148.2	1124.2	1105.6	1086.0	1071.9	1056.7
55°	1100.2	1105.9	1086.1	1066.0	1045.6	1030.9	1014.2	1001.8	988.4	979.4	970.4
57.5°	976.7	984.3	973.9	962.5	950.2	940.5	928.9	920.4	911.5	905.8	900.5
60°	886.9	895.2	891.0	885.3	877.7	872.0	864.6	859.8	854.1	850.8	847.9
62.5°	810.7	821.2	819.7	817.0	812.0	808.9	804.9	802.7	798.9	797.5	796.1
65°	734.6	746.4	746.2	744.9	742.2	741.2	738.8	738.3	736.3	737.1	737.0
67.5°	674.8	685.1	687.4	689.0	688.9	689.6	689.3	690.3	690.3	691.8	692.7
70°	631.7	638.9	640.5	642.2	642.7	644.1	644.1	645.0	644.8	645.9	646.1
72.5°	588.1	597.4	599.2	600.6	600.6	601.9	601.2	601.0	599.1	598.7	597.4
75°	533.8	545.9	548.5	550.2	550.5	551.5	550.0	549.0	545.9	544.6	542.4
77.5°	477.1	489.7	491.5	492.1	491.1	491.3	487.9	485.5	481.6	479.9	477.9
80°	403.3	421.8	423.3	422.1	419.1	418.7	415.4	413.1	408.4	406.9	405.0
82.5°	306.9	328.5	331.5	332.9	330.5	331.1	327.9	326.6	322.3	321.5	318.7
85°	193.8	215.4	218.9	218.5	216.1	215.5	213.6	214.3	213.9	215.0	215.7
87.5°	89.0	109.9	115.0	113.4	113.2	111.7	108.3	109.5	111.6	112.9	113.0
90°	28.5	36.0	37.1	36.6	34.1	33.3	30.9	30.6	28.7	28.2	26.2
92.5°	35.2	37.1	39.1	37.3	35.6	33.8	32.0	30.2	28.5	26.6	24.9
95°	43.7	46.4	49.2	46.9	44.4	42.0	39.7	37.4	35.1	32.7	30.4
97.5°	49.0	52.4	55.6	53.2	50.9	48.4	46.1	43.8	41.5	39.0	36.6
100°	83.8	91.2	98.9	92.2	85.5	78.8	72.1	65.4	58.7	52.1	45.3
102.5°	186.9	205.6	224.3	207.3	190.4	173.5	156.6	139.7	122.8	105.7	88.9
105°	335.3	363.6	391.9	366.0	340.2	314.3	288.5	262.8	237.0	211.1	185.4
107.5°	451.5	477.7	504.2	480.7	457.4	434.1	410.7	387.3	363.9	340.6	317.3
110°	509.4	529.8	550.9	535.0	519.3	503.5	487.8	472.0	456.3	440.7	425.0



TEST NUMBER: P1444586
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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°	509.8	524.3	539.6	530.1	520.9	511.7	502.4	493.0	483.9	474.6	465.5
115°	467.2	475.4	484.4	480.4	476.7	472.9	469.0	465.4	461.6	457.8	454.2
117.5°	413.9	417.3	421.6	420.7	419.8	418.8	418.0	417.1	416.3	415.5	414.7
120°	358.4	358.2	359.1	359.2	359.5	359.6	359.9	360.1	360.4	360.6	361.0
122.5°	311.8	309.4	308.2	308.2	308.4	308.4	308.6	308.7	309.0	309.1	309.4
125°	278.8	275.5	273.4	272.4	271.5	270.5	269.5	268.5	267.7	266.8	265.9
127.5°	255.5	251.9	249.6	247.8	246.0	244.1	242.2	240.4	238.7	236.7	235.2
130°	239.6	235.9	233.9	231.6	229.5	227.2	225.0	222.9	220.6	218.5	216.3
132.5°	228.6	225.0	223.1	220.9	218.9	216.7	214.7	212.4	210.3	208.0	206.1
135°	222.1	218.7	217.0	214.9	213.3	211.2	209.2	207.3	205.3	203.2	201.5
137.5°	216.6	213.3	211.7	210.0	208.6	207.0	205.4	203.7	202.2	200.3	198.9
140°	212.2	208.6	207.2	206.2	205.3	204.1	203.1	202.2	201.1	200.1	198.9
142.5°	209.1	205.7	204.3	203.6	203.0	202.3	201.7	201.0	200.3	199.3	198.6
145°	206.0	202.2	200.7	200.3	200.3	200.0	199.8	199.5	199.3	198.9	198.7
147.5°	204.2	200.3	198.8	198.7	198.7	198.6	198.7	198.5	198.5	198.4	198.4
150°	202.1	197.6	196.0	196.1	196.2	196.3	196.5	196.5	196.7	196.8	196.8
152.5°	200.5	195.1	193.2	193.3	193.6	193.7	193.9	194.1	194.4	194.7	194.9
155°	199.3	193.5	191.4	191.4	191.4	191.5	191.5	191.7	191.8	192.0	192.2
157.5°	199.2	193.1	191.2	191.0	190.9	190.9	191.0	191.0	191.1	191.2	191.2
160°	199.7	193.5	191.5	191.3	191.2	191.2	191.2	191.1	191.2	191.2	191.3
162.5°	200.1	194.0	192.1	191.9	191.7	191.6	191.6	191.4	191.5	191.5	191.6
165°	200.7	195.4	193.6	193.4	193.4	193.3	193.3	193.3	193.4	193.4	193.6
167.5°	202.5	197.8	196.6	196.3	196.1	195.8	195.8	195.5	195.5	195.4	195.4
170°	203.2	199.5	198.2	198.2	198.3	198.1	198.0	198.1	198.1	197.9	198.0
172.5°	203.8	201.1	200.2	200.3	200.5	200.5	200.7	200.7	200.9	201.0	201.2
175°	204.4	202.8	202.4	202.3	202.3	202.4	202.5	202.5	202.6	202.7	202.9
177.5°	205.3	204.8	204.5	204.5	204.5	204.5	204.5	204.5	204.5	204.6	204.6
180°	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4



TEST NUMBER: P1444586
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1
2.5°	21144.0	21168.7	21166.8	21189.8	21188.7	21210.3	21206.0	21224.8	21220.5	21236.5	21227.1
5°	21837.6	21884.5	21900.0	21942.3	21951.1	21988.9	21989.7	22019.8	22016.2	22039.7	22027.2
7.5°	22493.7	22537.5	22558.2	22591.1	22607.5	22634.7	22645.4	22667.8	22673.1	22686.4	22686.0
10°	22549.1	22548.9	22559.2	22554.6	22563.8	22558.5	22569.7	22565.7	22582.2	22578.0	22590.4
12.5°	21804.0	21730.1	21703.1	21636.7	21622.2	21565.1	21569.3	21532.7	21550.3	21527.8	21566.1
15°	20202.8	20031.3	19946.5	19797.4	19750.6	19632.7	19623.2	19544.9	19566.0	19525.0	19585.0
17.5°	17836.7	17566.7	17418.4	17200.7	17114.2	16947.4	16914.0	16813.3	16828.9	16778.1	16850.4
20°	15015.6	14689.3	14502.4	14250.5	14138.1	13939.4	13886.7	13773.9	13788.0	13737.6	13819.4
22.5°	12162.3	11820.7	11609.7	11345.7	11202.3	11015.4	10959.3	10846.0	10852.4	10805.1	10883.7
25°	9540.3	9212.8	9008.0	8768.1	8643.7	8472.3	8413.4	8311.6	8317.4	8278.3	8348.9
27.5°	7380.1	7111.4	6940.0	6739.0	6627.4	6486.6	6429.1	6343.6	6343.3	6314.6	6373.6
30°	5767.2	5542.9	5389.0	5214.0	5109.2	4982.0	4926.5	4850.0	4846.7	4826.3	4873.2
32.5°	4515.5	4316.1	4175.8	4021.7	3927.6	3818.5	3766.0	3704.5	3698.9	3680.4	3718.9
35°	3510.3	3342.3	3221.6	3091.9	3101.4	2940.5	2967.3	2842.2	2808.3	2801.0	2829.6
37.5°	2713.1	2582.9	2484.9	2387.7	2322.0	2253.9	2217.3	2184.4	2180.7	2177.5	2197.6
40°	2123.6	2032.5	1961.2	1894.6	1849.3	1807.8	1784.9	1766.8	1762.5	1760.1	1772.2
42.5°	1718.7	1657.3	1611.3	1570.7	1543.2	1520.6	1508.0	1498.0	1494.6	1494.6	1501.8
45°	1452.1	1414.8	1385.2	1360.0	1342.4	1350.0	1327.4	1339.2	1323.5	1339.8	1329.0
47.5°	1278.7	1247.0	1228.6	1210.8	1200.1	1191.6	1191.9	1192.1	1195.4	1195.9	1199.5
50°	1145.0	1126.7	1113.9	1102.5	1097.0	1092.5	1094.0	1095.1	1098.5	1098.7	1101.2
52.5°	1046.0	1033.9	1026.3	1019.2	1016.8	1014.2	1015.3	1014.8	1016.3	1015.5	1017.5
55°	965.5	959.8	957.4	954.8	955.2	954.5	954.9	952.3	950.7	948.9	950.6
57.5°	899.4	898.6	900.3	901.3	904.4	905.5	906.2	903.2	900.4	897.8	899.3
60°	848.5	849.7	853.7	857.0	861.4	863.4	864.6	862.9	860.9	858.8	860.1
62.5°	798.2	800.2	805.0	808.6	813.9	816.7	819.7	819.8	820.6	819.8	820.7
65°	740.0	742.3	746.6	749.7	754.6	757.0	760.1	760.7	762.3	762.0	763.4
67.5°	695.6	697.8	701.4	704.3	708.6	711.2	713.8	714.0	714.6	714.5	715.9
70°	648.3	649.4	652.6	655.1	659.4	662.0	665.1	666.1	667.9	668.3	669.8
72.5°	597.9	597.4	599.4	600.5	603.8	605.8	609.8	612.0	615.2	616.1	617.3
75°	543.0	542.6	544.9	545.9	548.6	550.7	555.1	557.9	563.0	565.1	564.6
77.5°	479.5	480.6	485.0	487.4	491.1	493.7	499.4	504.0	513.2	517.3	513.1
80°	408.4	409.6	414.1	416.4	421.3	424.3	430.8	436.2	444.5	446.3	444.0
82.5°	321.1	321.4	325.5	327.2	333.6	338.2	346.4	350.6	355.7	355.0	354.3
85°	218.9	221.9	227.0	232.0	239.8	247.2	255.0	261.3	256.9	263.9	256.0
87.5°	117.0	116.7	123.6	122.5	133.4	139.7	146.4	149.5	153.1	152.4	152.4
90°	26.0	24.6	24.9	23.3	24.1	22.3	23.7	22.1	23.9	21.8	25.0
92.5°	23.1	22.2	21.2	20.3	19.3	18.5	17.4	16.4	15.5	14.5	15.5
95°	28.0	27.1	26.2	25.2	24.4	23.6	22.7	21.8	20.9	20.0	21.1
97.5°	34.3	33.8	33.3	32.7	32.2	31.7	31.2	30.6	30.2	29.7	30.4
100°	38.6	38.6	38.6	38.6	38.5	38.5	38.5	38.5	38.5	38.5	39.1
102.5°	71.9	70.2	68.6	66.9	65.2	63.5	61.8	60.1	58.4	56.8	59.2
105°	159.5	152.9	146.3	139.6	133.0	126.4	119.8	113.2	106.6	100.0	106.8
107.5°	294.0	281.9	269.7	257.7	245.7	233.6	221.6	209.6	197.5	185.6	196.4
110°	409.3	396.5	383.7	370.9	358.0	345.3	332.5	319.7	307.0	294.2	304.4



TEST NUMBER: P1444586
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	456.3	447.8	439.6	431.2	422.9	414.7	406.5	398.2	390.1	381.8	386.8
115°	450.5	446.4	442.5	438.5	434.6	430.5	426.6	422.7	418.8	414.9	415.2
117.5°	414.0	412.6	411.2	409.7	408.3	407.1	405.7	404.4	403.2	401.9	399.2
120°	361.4	361.6	361.8	362.2	362.6	363.0	363.1	363.7	364.2	364.7	361.0
122.5°	309.6	310.4	311.1	312.1	313.0	313.8	314.7	315.9	317.0	318.1	314.3
125°	265.0	265.7	266.4	267.3	268.0	268.9	269.8	271.0	272.0	273.2	270.0
127.5°	233.4	233.5	233.4	233.7	233.8	234.1	234.5	235.0	235.5	236.0	234.1
130°	214.1	213.4	212.9	212.3	211.7	211.3	211.1	210.7	210.5	210.4	209.6
132.5°	203.9	202.8	201.7	200.6	199.6	198.8	197.9	197.3	196.7	196.2	196.0
135°	199.3	197.9	196.5	195.2	193.8	192.8	191.6	190.8	189.8	189.0	189.3
137.5°	197.2	195.9	194.3	193.0	191.7	190.7	189.5	188.5	187.6	186.8	187.2
140°	197.9	196.5	195.1	193.8	192.6	191.4	190.4	189.5	188.4	187.8	188.1
142.5°	197.9	196.8	195.5	194.3	193.1	192.1	191.2	190.4	189.4	188.8	189.1
145°	198.4	197.4	196.5	195.6	194.8	194.2	193.3	192.8	192.2	191.8	192.0
147.5°	198.2	197.6	196.8	196.3	195.4	195.0	194.4	194.1	193.6	193.3	193.4
150°	196.9	196.6	196.1	195.7	195.3	195.0	194.6	194.4	194.1	193.9	193.9
152.5°	195.1	194.8	194.3	194.0	193.7	193.4	193.1	193.0	192.8	192.6	192.6
155°	192.4	192.2	192.1	192.0	191.9	191.9	191.8	191.9	191.9	191.9	192.0
157.5°	191.3	191.4	191.4	191.5	191.5	191.7	191.6	191.9	191.9	192.2	192.3
160°	191.6	191.6	191.5	191.6	191.6	191.6	191.7	191.8	191.9	192.0	192.3
162.5°	191.7	191.9	192.0	192.2	192.4	192.6	192.8	193.1	193.3	193.6	193.8
165°	193.7	193.7	193.7	193.8	193.9	194.0	194.0	194.3	194.4	194.6	194.9
167.5°	195.3	195.5	195.5	195.6	195.7	196.0	196.2	196.4	196.7	197.0	197.3
170°	198.0	198.0	198.0	198.0	198.0	198.1	198.2	198.3	198.4	198.6	198.8
172.5°	201.2	201.2	201.1	201.2	201.1	201.2	201.2	201.3	201.3	201.4	201.5
175°	202.8	203.1	203.2	203.2	203.3	203.4	203.5	203.5	203.6	203.7	203.7
177.5°	204.6	204.7	204.7	204.7	204.7	204.8	204.8	204.8	204.8	204.7	204.8
180°	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4



TEST NUMBER: P1444586
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CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1
2.5°	21242.8	21232.0	21243.0	21231.9	21243.0	21229.8	21238.7	21224.4	21228.0	21213.2	21217.0
5°	22046.0	22029.0	22038.0	22016.0	22018.4	21988.9	21988.4	21954.2	21945.2	21906.2	21889.1
7.5°	22695.4	22689.9	22693.0	22678.8	22677.3	22657.1	22647.6	22619.3	22601.5	22565.7	22541.1
10°	22592.6	22609.2	22613.4	22630.3	22633.9	22650.6	22654.1	22670.8	22674.2	22686.6	22686.8
12.5°	21564.4	21620.5	21634.0	21703.4	21732.6	21812.1	21854.7	21942.3	21994.3	22081.6	22135.3
15°	19583.3	19680.5	19719.3	19855.0	19930.0	20088.3	20187.8	20369.5	20497.8	20690.9	20828.6
17.5°	16856.8	16992.7	17054.1	17238.0	17357.9	17591.6	17760.0	18037.2	18249.5	18557.5	18801.6
20°	13833.3	13984.4	14067.7	14277.5	14419.1	14692.0	14902.3	15242.9	15527.0	15917.3	16251.1
22.5°	10908.4	11052.1	11144.5	11358.0	11517.4	11802.2	12037.1	12396.6	12714.9	13154.8	13555.0
25°	8375.6	8507.3	8590.9	8783.9	8933.6	9195.3	9419.7	9765.4	10076.8	10518.0	10928.4
27.5°	6403.0	6513.4	6593.9	6758.5	6890.6	7112.5	7305.2	7590.9	7859.3	8241.0	8606.4
30°	4902.1	4999.9	5078.3	5221.6	5344.0	5536.3	5705.9	5945.9	6167.9	6471.6	6762.4
32.5°	3746.0	3830.2	3900.0	4025.5	4136.6	4309.7	4462.5	4672.9	4863.5	5121.1	5360.3
35°	2856.2	3021.9	3010.1	3183.2	3211.1	3335.3	3471.6	3655.5	3824.4	4043.4	4247.0
37.5°	2216.9	2263.5	2313.4	2389.9	2470.2	2583.4	2698.5	2923.3	3005.7	3171.2	3339.7
40°	1787.6	1819.2	1852.1	1903.9	1960.1	2039.8	2123.6	2230.9	2340.8	2474.9	2612.0
42.5°	1511.3	1529.1	1550.1	1580.5	1615.2	1665.7	1721.8	1794.5	1870.9	1965.4	2061.8
45°	1350.2	1341.8	1348.1	1364.4	1385.3	1416.0	1451.4	1496.4	1546.1	1607.3	1672.5
47.5°	1200.1	1203.6	1205.5	1214.3	1225.5	1246.1	1267.5	1298.1	1357.1	1375.1	1410.7
50°	1101.0	1102.6	1102.1	1106.6	1112.2	1125.7	1139.5	1160.3	1180.9	1208.3	1234.4
52.5°	1017.9	1020.2	1019.9	1022.8	1025.9	1034.3	1043.2	1057.8	1071.3	1088.8	1103.7
55°	952.2	955.5	956.7	959.2	960.7	965.1	968.6	975.6	981.3	991.2	1000.4
57.5°	901.8	906.2	908.2	909.0	907.2	907.0	905.9	907.3	908.5	913.8	918.9
60°	862.0	865.6	866.1	865.6	862.3	860.0	856.3	855.1	854.5	857.0	859.8
62.5°	820.5	821.7	820.9	819.8	816.1	813.8	810.0	808.6	807.2	809.0	810.5
65°	762.9	764.0	762.9	762.3	759.0	757.1	753.9	752.8	751.0	751.4	751.1
67.5°	716.2	717.3	716.5	715.6	713.2	712.2	709.7	708.2	706.0	705.1	703.5
70°	669.6	670.5	669.1	668.3	665.7	664.6	662.4	662.0	660.1	659.8	657.9
72.5°	616.1	616.1	614.2	613.7	611.8	611.7	610.8	611.7	611.6	612.5	612.1
75°	561.3	560.5	558.1	557.7	556.3	557.0	556.0	557.2	557.4	559.4	559.7
77.5°	506.4	503.4	499.0	496.9	494.0	493.6	491.9	493.0	492.6	495.0	496.0
80°	437.0	433.5	427.8	425.1	421.6	421.0	419.5	421.0	420.2	423.0	424.9
82.5°	348.9	345.9	340.0	337.8	333.7	334.1	332.4	334.1	333.9	337.9	340.3
85°	258.0	256.1	250.0	244.6	238.6	235.2	231.7	231.1	230.0	231.7	233.1
87.5°	149.0	147.1	142.4	139.4	128.9	129.3	125.1	124.9	124.0	123.0	125.1
90°	24.4	27.0	26.5	29.0	28.8	31.6	31.6	34.4	33.9	36.6	36.5
92.5°	16.4	17.4	18.4	19.3	20.2	21.2	22.1	23.1	25.1	27.0	29.3
95°	22.2	23.4	24.5	25.5	26.6	27.8	28.9	30.0	33.0	36.0	39.0
97.5°	31.1	31.8	32.6	33.3	34.1	34.8	35.6	36.2	39.5	42.7	46.0
100°	39.7	40.3	40.9	41.5	42.0	42.6	43.2	43.8	50.1	56.4	62.6
102.5°	61.8	64.2	66.7	69.3	71.7	74.2	76.7	79.2	93.6	107.9	122.2
105°	113.6	120.4	127.3	134.1	141.0	147.7	154.7	161.5	184.5	207.4	230.3
107.5°	207.1	217.9	228.7	239.5	250.3	261.2	271.9	282.8	305.2	327.6	349.9
110°	314.7	325.0	335.3	345.7	356.0	366.3	376.6	387.0	400.5	413.9	427.5



TEST NUMBER: P1444586
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CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	391.8	396.7	401.9	407.0	412.1	417.1	422.2	427.4	434.2	440.9	447.8
115°	415.6	415.9	416.3	416.6	417.1	417.4	418.1	418.5	420.7	423.0	425.3
117.5°	396.4	393.8	391.0	388.4	385.7	383.3	380.6	378.3	378.0	377.7	377.6
120°	357.5	353.9	350.3	346.5	343.1	339.6	336.2	332.9	331.3	329.8	328.2
122.5°	310.8	307.3	303.7	300.1	296.7	293.3	290.1	286.8	285.8	284.9	283.9
125°	267.1	264.1	261.3	258.3	255.6	252.9	250.4	247.7	248.0	248.2	248.6
127.5°	232.3	230.6	229.0	227.3	225.8	224.4	223.0	221.6	222.8	224.0	225.1
130°	208.9	208.2	207.8	207.2	206.9	206.5	206.2	205.9	207.7	209.4	211.2
132.5°	196.1	196.1	196.3	196.4	196.8	197.0	197.5	197.8	199.9	201.8	203.8
135°	189.6	190.0	190.7	191.1	191.8	192.5	193.3	194.0	196.1	197.8	199.9
137.5°	187.9	188.4	189.0	189.8	190.7	191.4	192.5	193.3	194.9	196.5	198.0
140°	188.6	189.0	189.6	190.3	191.0	191.6	192.5	193.3	194.8	195.9	197.2
142.5°	189.7	190.0	190.6	191.2	191.9	192.4	193.3	193.8	195.0	195.9	197.0
145°	192.3	192.6	193.2	193.5	194.1	194.7	195.2	195.8	196.6	197.2	197.9
147.5°	193.7	194.0	194.4	194.7	195.2	195.6	196.0	196.4	197.0	197.5	197.9
150°	194.1	194.3	194.6	194.7	195.1	195.5	195.8	196.1	196.6	196.9	197.4
152.5°	192.9	193.1	193.3	193.4	193.7	194.0	194.2	194.5	195.0	195.4	195.8
155°	192.2	192.5	192.8	193.1	193.5	193.6	194.0	194.3	194.7	195.0	195.4
157.5°	192.6	192.8	193.2	193.3	193.7	194.0	194.3	194.5	194.9	195.2	195.5
160°	192.7	193.0	193.3	193.7	194.2	194.4	194.8	195.2	195.5	195.8	196.1
162.5°	194.2	194.5	194.8	195.0	195.3	195.7	195.9	196.2	196.7	196.9	197.3
165°	195.4	195.6	196.1	196.4	196.8	197.1	197.4	197.8	198.1	198.4	198.6
167.5°	197.6	197.8	198.3	198.6	199.0	199.3	199.6	200.0	200.3	200.4	200.8
170°	199.1	199.4	199.7	200.0	200.4	200.5	200.9	201.2	201.6	201.9	202.2
172.5°	201.7	201.9	202.2	202.3	202.5	202.7	203.0	203.2	203.5	203.8	203.9
175°	203.7	203.7	203.8	203.9	204.0	204.0	204.0	204.2	204.3	204.4	204.4
177.5°	204.9	204.9	205.0	205.1	205.2	205.2	205.3	205.4	205.4	205.4	205.4
180°	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4



TEST NUMBER: P1444586
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CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1
2.5°	21202.2	21203.1	21186.0	21185.0	21169.0	21167.0	21151.4	21146.6	21133.9	21129.4	21116.4
5°	21845.4	21824.6	21776.4	21748.1	21700.6	21669.1	21617.6	21584.0	21534.3	21496.9	21446.9
7.5°	22495.9	22463.6	22409.6	22365.8	22299.8	22247.1	22169.8	22106.6	22022.9	21950.5	21862.7
10°	22686.8	22681.8	22668.0	22648.0	22617.3	22582.8	22530.2	22475.4	22402.0	22322.5	22224.7
12.5°	22217.3	22268.0	22337.1	22378.1	22428.0	22449.8	22470.2	22465.1	22451.6	22411.4	22354.9
15°	21028.0	21170.5	21359.2	21505.3	21673.5	21795.7	21930.7	22014.8	22098.7	22137.4	22161.2
17.5°	19136.2	19405.9	19744.2	20024.4	20347.9	20607.6	20892.4	21106.7	21327.1	21485.1	21627.9
20°	16706.1	17096.9	17575.3	17997.9	18489.3	18916.3	19384.3	19768.5	20164.6	20474.3	20767.5
22.5°	14070.4	14534.5	15112.7	15648.5	16282.0	16851.3	17493.6	18052.7	18636.4	19124.1	19595.6
25°	11478.4	11987.4	12619.8	13217.5	13935.0	14597.1	15359.0	16055.7	16810.1	17465.2	18112.2
27.5°	9111.7	9611.4	10257.1	10893.3	11651.9	12357.6	13173.7	13941.4	14800.5	15592.6	16403.0
30°	7166.4	7590.3	8169.1	8785.4	9533.7	10251.7	11076.8	11866.3	12759.9	13624.9	14537.6
32.5°	5677.8	6000.6	6455.7	6976.8	7667.3	8350.7	9136.4	9898.5	10778.5	11652.3	12601.7
35°	4509.1	4761.0	5108.0	5514.7	6099.3	6688.5	7383.4	8076.5	8897.6	9726.6	10649.4
37.5°	3555.7	3760.1	4031.9	4337.3	4806.3	5289.8	5859.6	6434.2	7147.5	7882.5	8718.8
40°	2776.6	2942.1	3153.6	3381.5	3735.6	4108.2	4548.8	4994.4	5567.6	6168.2	6860.3
42.5°	2181.2	2303.3	2452.7	2619.2	2949.6	3147.4	3446.2	3768.5	4189.9	4625.9	5146.3
45°	1751.7	1835.0	1938.6	2050.3	2203.6	2371.4	2576.1	2790.7	3190.9	3387.3	3703.8
47.5°	1462.9	1518.8	1584.7	1655.0	1745.5	1843.0	1964.5	2088.5	2249.0	2415.3	2610.4
50°	1268.3	1325.2	1347.8	1384.2	1436.6	1492.4	1560.7	1629.2	1715.3	1802.5	1902.9
52.5°	1123.9	1142.5	1167.1	1190.2	1222.7	1286.1	1306.6	1342.5	1390.7	1438.0	1490.6
55°	1013.7	1025.7	1041.8	1055.8	1075.3	1094.1	1121.2	1144.9	1177.2	1205.6	1240.6
57.5°	927.9	935.5	946.6	955.9	968.5	979.1	994.9	1007.8	1026.4	1042.5	1063.7
60°	865.5	870.6	878.1	884.1	892.2	897.7	905.6	911.6	921.4	929.5	941.4
62.5°	814.6	817.2	822.1	825.6	830.7	833.6	837.7	840.3	845.7	849.9	856.4
65°	753.4	754.1	757.3	758.8	762.8	764.3	767.7	769.0	773.4	776.5	782.3
67.5°	703.4	701.9	702.0	700.9	701.4	700.3	700.6	699.3	701.2	702.0	706.5
70°	657.6	655.7	655.1	653.0	652.3	650.2	649.6	647.6	647.4	646.7	648.3
72.5°	613.1	612.5	612.7	611.3	611.1	609.6	609.7	608.7	609.8	610.2	612.3
75°	561.9	562.1	563.0	561.7	562.1	560.9	561.3	560.2	560.8	560.5	562.6
77.5°	499.5	501.0	503.7	503.1	504.0	502.6	503.2	501.6	502.0	501.0	501.7
80°	429.4	432.5	436.1	435.9	437.5	436.5	437.9	436.3	437.0	435.1	434.7
82.5°	346.1	348.7	352.6	352.7	356.2	356.9	360.6	360.5	362.9	361.3	360.2
85°	236.6	238.4	241.8	243.7	247.1	249.4	253.0	254.5	251.9	256.7	252.8
87.5°	123.6	128.2	125.5	131.5	130.2	136.2	134.9	140.5	139.4	144.2	143.6
90°	40.1	40.5	44.2	44.7	49.1	50.2	52.7	51.5	53.8	52.7	55.0
92.5°	31.1	33.4	35.5	37.5	39.6	41.7	39.8	37.8	36.0	34.1	32.1
95°	41.9	45.0	47.9	51.0	53.9	57.0	53.7	50.6	47.3	44.1	41.0
97.5°	49.2	52.4	55.6	58.8	62.2	65.4	61.6	57.8	53.9	50.2	46.5
100°	68.9	75.1	81.4	87.6	94.0	100.2	93.2	86.0	79.0	71.8	64.7
102.5°	136.6	151.0	165.3	179.7	193.9	208.3	193.3	178.4	163.4	148.2	133.1
105°	253.2	276.2	299.2	322.1	345.1	368.2	343.8	319.4	294.9	270.6	246.2
107.5°	372.4	394.7	417.3	439.5	462.0	484.5	459.8	435.1	410.4	385.6	361.0
110°	441.0	454.5	468.1	481.7	495.2	508.8	490.8	472.9	454.9	436.8	418.7



TEST NUMBER: P1444586
 CATALOG NUMBER: EHBR1-24-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	454.7	461.6	468.4	475.4	482.2	489.2	476.3	463.5	450.7	437.9	425.0
115°	427.7	429.9	432.3	434.8	437.0	439.4	430.8	422.2	413.6	405.2	396.3
117.5°	377.4	377.4	377.1	377.2	376.9	376.8	372.1	367.4	362.7	357.9	353.1
120°	326.6	325.2	323.7	322.2	320.6	318.9	317.2	315.4	313.4	311.6	309.5
122.5°	282.9	282.1	281.1	280.1	279.2	278.1	277.6	277.1	276.4	275.8	275.1
125°	248.8	249.2	249.4	249.7	250.0	250.2	250.0	249.8	249.7	249.6	249.3
127.5°	226.2	227.4	228.5	229.6	230.6	231.7	231.8	232.0	232.2	232.4	232.4
130°	213.0	214.7	216.5	218.1	219.7	221.5	221.4	221.6	221.5	221.6	221.6
132.5°	205.8	207.7	209.6	211.7	213.4	215.3	215.2	215.3	215.1	215.2	215.2
135°	201.7	203.5	205.3	207.3	208.9	210.7	210.5	210.5	210.4	210.4	210.2
137.5°	199.5	201.1	202.4	204.0	205.4	206.9	206.7	206.7	206.5	206.5	206.4
140°	198.4	199.6	200.8	202.2	203.1	204.4	204.2	203.9	203.7	203.4	203.1
142.5°	197.9	199.0	199.8	200.9	201.7	202.7	202.2	201.7	201.3	200.9	200.4
145°	198.6	199.5	200.0	200.7	201.3	202.0	201.3	200.8	200.1	199.6	198.9
147.5°	198.4	199.0	199.3	199.8	200.1	200.7	200.0	199.4	198.8	198.2	197.5
150°	197.7	198.3	198.6	198.9	199.3	199.8	199.0	198.3	197.6	196.9	196.4
152.5°	196.2	196.6	196.8	197.1	197.4	197.8	197.0	196.7	195.8	195.1	194.5
155°	195.5	195.9	196.1	196.4	196.5	196.7	196.0	195.7	195.0	194.4	193.8
157.5°	195.7	196.0	196.3	196.4	196.6	196.8	196.4	196.0	195.5	195.1	194.5
160°	196.3	196.6	196.8	196.9	197.1	197.2	196.8	196.7	196.3	195.9	195.4
162.5°	197.5	197.9	198.2	198.4	198.7	199.0	198.5	198.2	197.7	197.2	196.8
165°	198.9	199.1	199.3	199.6	199.6	199.9	199.6	199.3	199.0	198.8	198.4
167.5°	200.9	201.2	201.4	201.6	201.7	201.9	201.6	201.5	201.1	200.8	200.5
170°	202.3	202.5	202.9	203.0	203.2	203.4	203.2	203.0	202.7	202.5	202.3
172.5°	204.2	204.4	204.5	204.7	204.8	205.1	204.8	204.5	204.3	204.0	203.7
175°	204.4	204.5	204.7	204.7	204.7	204.8	204.6	204.4	204.1	203.9	203.7
177.5°	205.4	205.4	205.4	205.3	205.3	205.3	205.2	205.0	204.9	204.7	204.5
180°	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4



TEST NUMBER: P1444586
 CATALOG NUMBER: EHBR1-24-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1	20980.1
2.5°	21111.9	21102.7	21096.8	21089.2	21084.6	21078.8	21074.6	21070.9	21067.9	21065.3	21063.2
5°	21408.8	21361.5	21324.9	21285.3	21252.7	21220.2	21195.1	21174.4	21160.0	21149.3	21143.0
7.5°	21786.7	21700.3	21623.5	21542.6	21470.2	21398.8	21337.4	21284.5	21244.7	21219.0	21203.4
10°	22124.3	22008.6	21894.2	21773.9	21659.7	21549.0	21446.9	21357.0	21285.8	21238.5	21210.9
12.5°	22275.5	22177.0	22060.2	21929.6	21789.7	21648.1	21510.2	21385.8	21281.4	21211.3	21170.9
15°	22142.2	22101.9	22022.6	21921.1	21788.4	21642.1	21480.1	21327.9	21187.8	21097.0	21044.3
17.5°	21708.7	21765.2	21759.1	21720.3	21625.0	21501.8	21336.8	21165.7	20990.6	20869.2	20802.9
20°	20977.2	21154.7	21244.7	21291.0	21253.5	21173.6	21024.2	20850.6	20646.4	20488.0	20391.2
22.5°	19949.3	20262.5	20457.8	20600.6	20631.0	20603.8	20471.8	20306.7	20079.1	19888.6	19745.8
25°	18625.9	19084.9	19393.4	19635.4	19729.3	19753.5	19641.2	19477.1	19223.4	19001.5	18805.2
27.5°	17067.2	17663.5	18075.5	18400.5	18547.2	18610.8	18507.5	18340.0	18039.8	17774.9	17518.6
30°	15312.3	16019.9	16515.8	16905.6	17084.4	17168.5	17058.6	16871.7	16522.5	16203.7	15880.9
32.5°	13434.0	14208.4	14748.8	15172.1	15349.3	15428.4	15284.7	15074.7	14671.0	14295.5	13919.0
35°	11467.6	12249.1	12794.2	13206.0	13354.6	13402.3	13218.6	12975.9	12528.7	12116.5	11706.0
37.5°	9461.0	10188.1	10683.5	11053.2	11145.1	11153.4	10932.1	10664.0	10194.0	9787.5	9378.9
40°	7471.8	8085.0	8485.0	8780.9	8812.8	8784.3	8543.8	8274.0	7834.3	7470.1	7111.4
42.5°	5598.1	6061.0	6346.3	6549.1	6537.1	6480.9	6260.3	6028.4	5665.6	5388.3	5105.9
45°	3992.9	4298.1	4464.9	4583.6	4545.5	4491.9	4320.2	4157.7	3911.1	3732.0	3542.3
47.5°	2773.9	3138.4	3074.9	3306.9	3107.0	3239.1	2964.1	2812.6	2681.7	2586.5	2479.3
50°	1985.9	2069.4	2109.7	2137.2	2122.6	2102.4	2053.0	2008.8	1949.0	1905.4	1854.6
52.5°	1533.6	1575.4	1598.3	1614.8	1611.5	1604.2	1582.6	1562.9	1534.9	1516.5	1494.2
55°	1299.1	1299.7	1341.7	1323.7	1350.3	1319.1	1331.4	1296.8	1302.4	1272.6	1252.7
57.5°	1079.4	1096.6	1104.3	1111.7	1109.7	1108.3	1100.0	1095.8	1086.4	1083.6	1076.9
60°	949.6	958.5	960.4	963.8	960.9	959.8	953.3	950.9	944.7	943.5	939.1
62.5°	860.5	865.0	865.0	865.0	861.3	857.7	850.5	846.6	841.3	840.1	837.6
65°	786.1	790.8	791.6	792.6	789.9	787.1	780.7	776.6	771.1	769.0	766.1
67.5°	709.4	714.4	716.1	718.7	717.2	716.6	712.3	710.6	706.9	706.1	703.4
70°	649.1	651.2	651.1	651.0	647.5	644.5	639.5	637.0	633.3	632.5	629.9
72.5°	613.2	614.7	613.8	612.5	608.0	603.5	597.6	593.3	588.3	585.1	581.7
75°	562.7	564.7	563.5	562.6	558.6	555.7	551.0	548.6	545.1	544.1	541.6
77.5°	500.9	501.7	499.7	499.5	496.4	494.6	491.0	490.4	487.8	487.9	485.5
80°	431.8	431.3	428.1	427.4	424.3	423.6	420.8	421.0	418.9	419.8	418.2
82.5°	355.3	353.4	349.1	347.9	344.4	344.1	342.2	343.8	342.5	344.4	343.3
85°	254.6	255.2	253.3	253.3	252.3	252.6	252.4	253.6	253.8	255.5	255.4
87.5°	141.9	144.0	143.6	145.5	145.4	147.5	148.2	151.3	151.7	154.6	154.6
90°	53.9	56.5	55.3	58.1	57.7	60.8	60.9	64.0	63.7	66.5	65.5
92.5°	30.2	28.3	26.4	24.5	23.5	22.4	21.8	20.4	19.7	18.6	17.6
95°	37.7	34.5	31.2	28.0	26.9	25.7	24.7	23.6	22.4	21.3	20.2
97.5°	42.6	38.8	35.0	31.1	30.2	29.3	28.2	27.2	26.3	25.3	24.4
100°	57.6	50.5	43.4	36.2	35.5	34.7	33.8	33.0	32.2	31.4	30.5
102.5°	118.1	103.0	87.9	72.8	69.9	67.1	64.2	61.3	58.3	55.5	52.7
105°	221.8	197.2	172.8	148.3	140.6	132.8	125.0	117.3	109.4	101.7	93.9
107.5°	336.2	311.4	286.5	261.7	247.4	233.0	218.7	204.2	189.9	175.4	161.1
110°	400.8	382.6	364.5	346.4	335.0	323.4	311.8	300.2	288.8	277.1	265.5



TEST NUMBER: P1444586
 CATALOG NUMBER: EHBR1-24-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	412.2	399.3	386.3	373.3	368.2	363.0	357.7	352.4	347.3	341.9	336.7
115°	387.8	379.2	370.4	361.6	360.0	358.1	356.4	354.5	352.7	350.9	349.0
117.5°	348.4	343.6	338.8	333.9	334.3	334.6	335.2	335.4	335.6	335.8	336.2
120°	307.6	305.6	303.7	301.8	303.5	305.2	307.0	308.4	310.1	311.6	313.2
122.5°	274.5	273.9	273.3	272.5	274.6	276.8	278.8	280.7	282.6	284.4	286.2
125°	249.1	248.9	248.7	248.3	250.6	252.6	254.7	256.7	258.5	260.3	262.2
127.5°	232.6	232.8	232.9	232.9	234.7	236.0	237.6	239.0	240.5	241.6	242.8
130°	221.7	221.6	221.7	221.7	223.1	224.5	226.0	227.3	228.6	229.7	230.7
132.5°	215.2	215.1	215.1	215.0	216.3	217.3	218.4	219.2	220.2	220.9	221.6
135°	210.2	210.0	210.0	209.7	210.9	212.0	213.0	213.7	214.6	215.2	215.9
137.5°	206.3	206.1	206.0	205.8	206.8	207.7	208.6	209.4	210.1	210.8	211.4
140°	203.0	202.7	202.5	202.3	203.1	204.0	204.8	205.5	206.2	206.7	207.2
142.5°	200.0	199.4	199.1	198.5	199.2	199.8	200.5	201.0	201.5	201.9	202.2
145°	198.3	197.7	197.1	196.6	197.0	197.4	198.0	198.5	198.7	198.9	199.3
147.5°	197.0	196.4	195.7	195.0	195.6	195.9	196.2	196.4	196.8	196.9	197.1
150°	195.6	194.8	194.1	193.3	193.7	193.9	194.2	194.4	194.7	194.7	194.9
152.5°	193.7	192.9	192.2	191.4	191.7	191.8	192.0	192.0	192.2	192.2	192.3
155°	193.2	192.5	191.9	191.2	191.3	191.4	191.4	191.6	191.5	191.5	191.5
157.5°	194.0	193.4	192.9	192.3	192.3	192.3	192.2	192.0	192.0	191.9	191.7
160°	195.1	194.5	194.1	193.5	193.4	193.4	193.3	193.1	193.0	192.8	192.6
162.5°	196.3	195.7	195.2	194.6	194.5	194.6	194.4	194.2	194.1	193.9	193.7
165°	198.1	197.7	197.3	196.8	196.7	196.6	196.5	196.2	196.0	195.7	195.5
167.5°	200.1	199.7	199.3	198.7	198.8	198.7	198.6	198.5	198.3	198.1	198.0
170°	202.0	201.6	201.3	200.9	200.8	200.7	200.6	200.4	200.2	200.0	199.8
172.5°	203.3	203.0	202.7	202.3	202.3	202.2	202.1	202.0	201.7	201.6	201.5
175°	203.4	203.1	202.7	202.5	202.4	202.4	202.3	202.3	202.1	202.1	201.9
177.5°	204.3	204.2	203.9	203.8	203.7	203.7	203.6	203.5	203.5	203.5	203.4
180°	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4



TEST NUMBER: P1444586
 CATALOG NUMBER: EHBR1-24-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	20980.1	20980.1
2.5°	21061.3	21060.2
5°	21139.6	21138.3
7.5°	21199.1	21198.8
10°	21206.2	21209.8
12.5°	21163.9	21166.8
15°	21040.3	21046.1
17.5°	20804.1	20811.6
20°	20397.1	20405.0
22.5°	19738.1	19741.3
25°	18779.9	18766.3
27.5°	17473.7	17450.3
30°	15813.0	15790.4
32.5°	13833.1	13819.0
35°	11604.5	11595.6
37.5°	9258.1	9239.9
40°	6980.2	6927.1
42.5°	4982.3	4889.2
45°	3443.2	3332.9
47.5°	2403.7	2335.6
50°	1821.9	1799.9
52.5°	1484.6	1479.4
55°	1252.6	1250.3
57.5°	1078.3	1077.6
60°	941.4	941.1
62.5°	839.3	839.7
65°	767.4	767.6
67.5°	704.1	703.6
70°	630.9	630.3
72.5°	580.5	579.6
75°	541.6	541.1
77.5°	486.3	485.4
80°	419.2	418.2
82.5°	344.9	343.6
85°	257.3	257.3
87.5°	157.4	157.3
90°	68.1	66.8
92.5°	16.9	16.1
95°	19.2	18.1
97.5°	23.5	22.5
100°	29.8	29.0
102.5°	49.8	47.0
105°	86.1	78.4
107.5°	146.7	132.3
110°	253.9	242.3



TEST NUMBER: P1444586
CATALOG NUMBER: EHBR1-24-UNV-TA-L850-UPL12

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	331.4	326.1
115°	346.8	345.0
117.5°	336.3	336.5
120°	314.4	315.9
122.5°	287.8	289.5
125°	263.7	265.5
127.5°	243.9	244.9
130°	231.4	232.4
132.5°	222.1	222.6
135°	216.3	216.7
137.5°	211.6	212.0
140°	207.5	207.7
142.5°	202.3	202.5
145°	199.4	199.5
147.5°	196.8	197.0
150°	194.8	194.8
152.5°	192.1	192.2
155°	191.4	191.2
157.5°	191.4	191.2
160°	192.3	192.1
162.5°	193.4	193.2
165°	195.1	194.8
167.5°	197.6	197.6
170°	199.5	199.4
172.5°	201.3	201.1
175°	201.8	201.8
177.5°	203.4	203.2
180°	204.4	204.4

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-4

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L850-N

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

Test Information

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

Spectral Parameters

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

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



Test Conditions

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

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

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CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

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

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.82

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

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Melanopic Flux vs. Wavelength



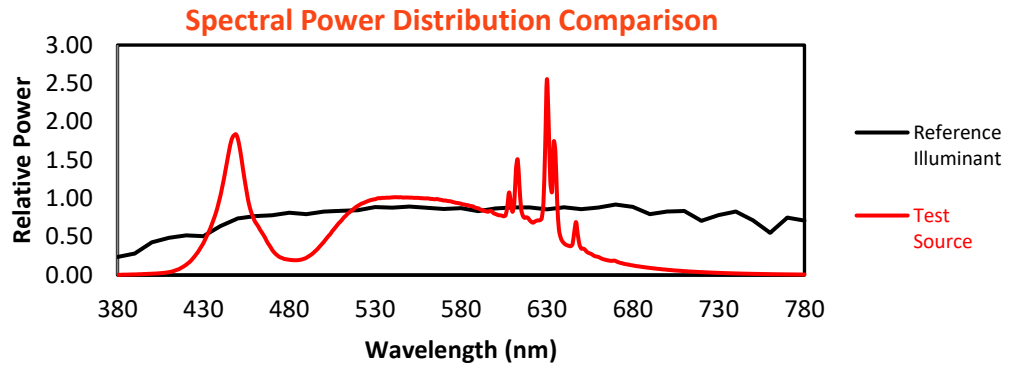
Melanopic Lumens: NR

M/P: 3.71

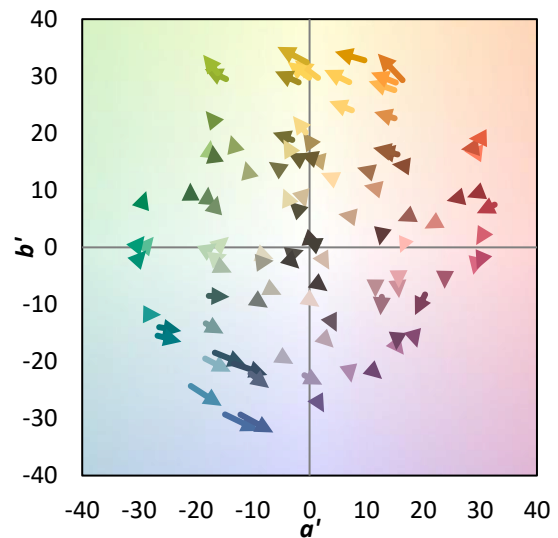
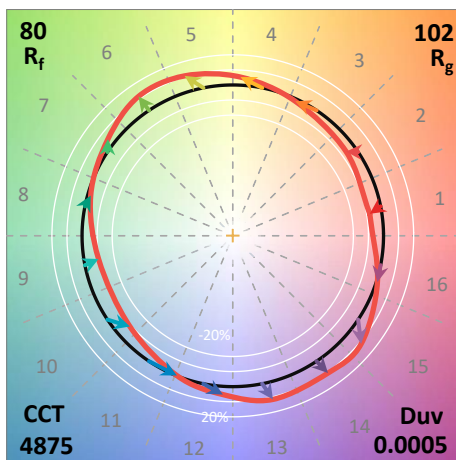
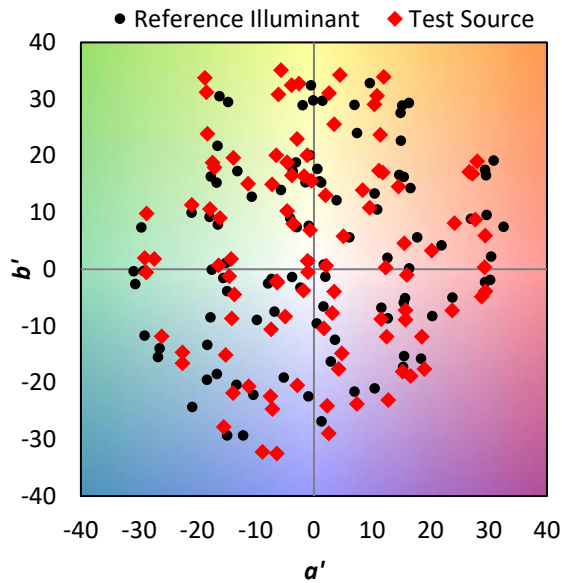
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	89	NR	620	280	NR	750	6	NR	880	0	NR
365	0	NR	495	121	NR	625	280	NR	755	5	NR	885	0	NR
370	0	NR	500	168	NR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

Summary

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

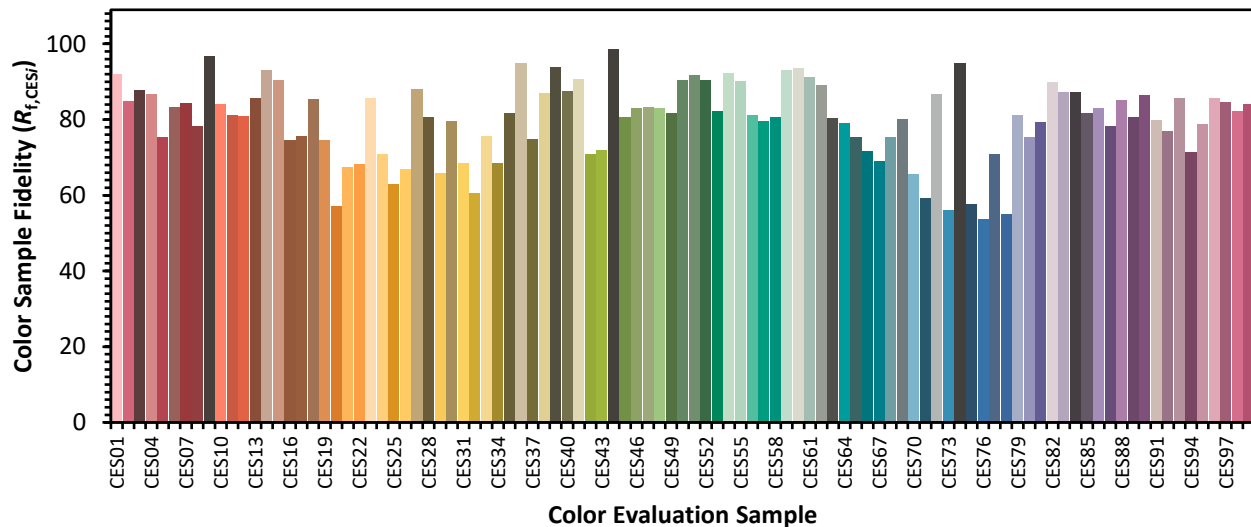


Color Vector Graphics

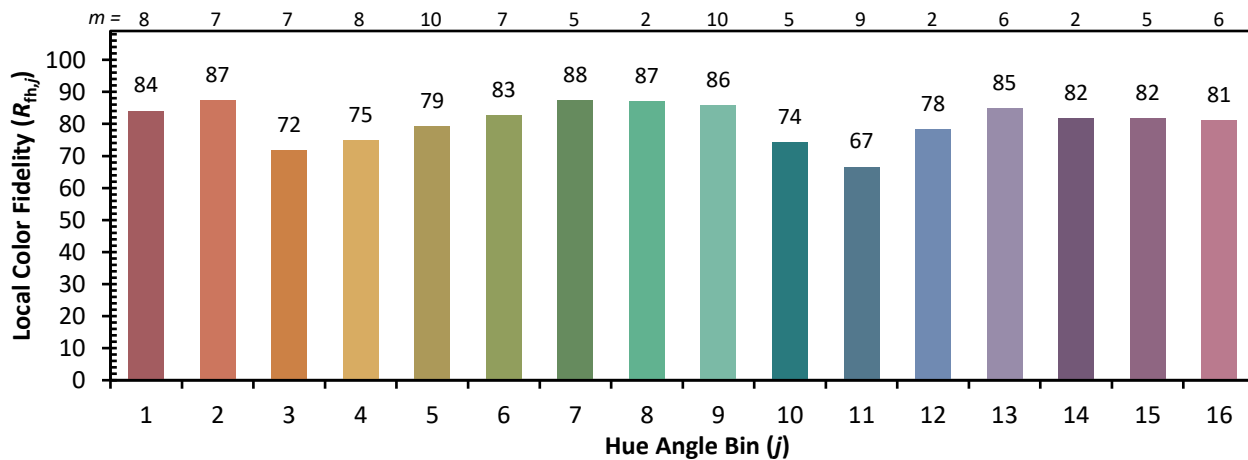
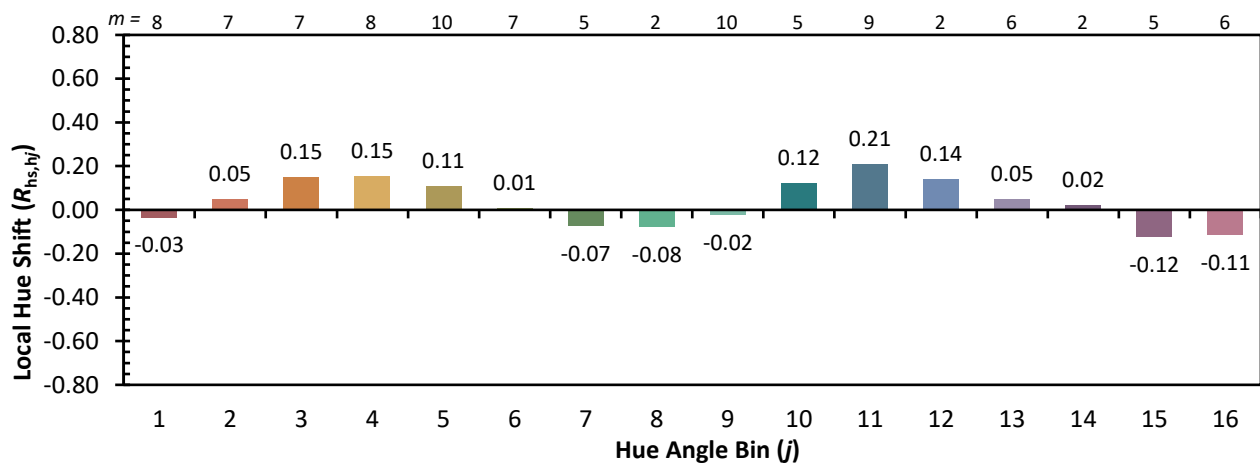
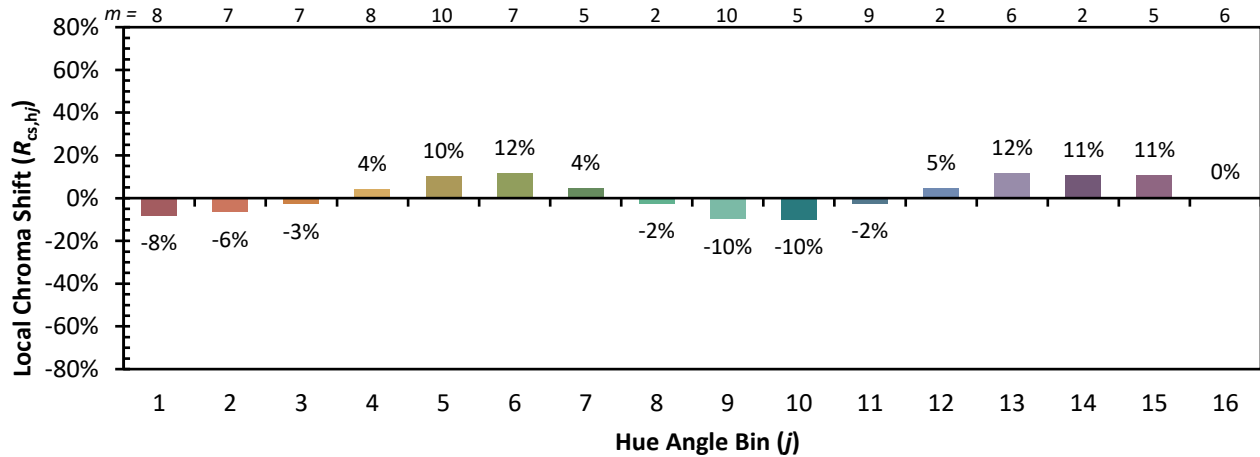


Individual Sample Fidelity Index ($R_{f,i}$)

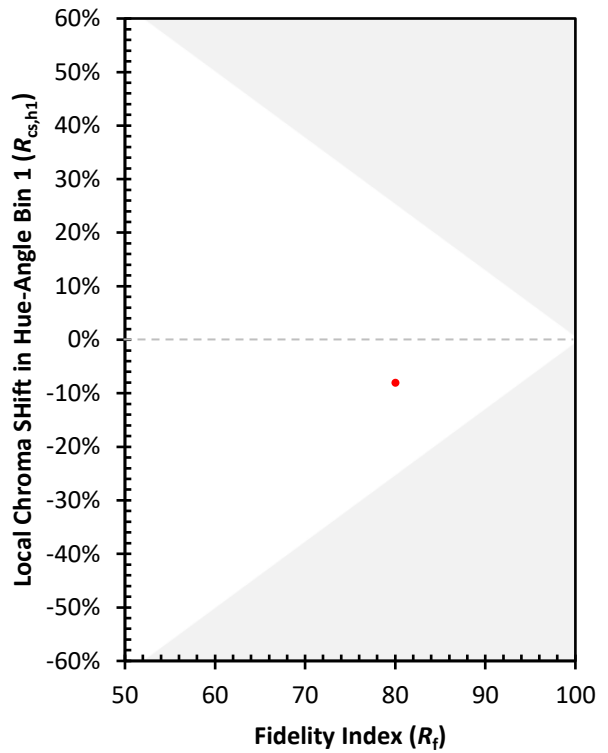
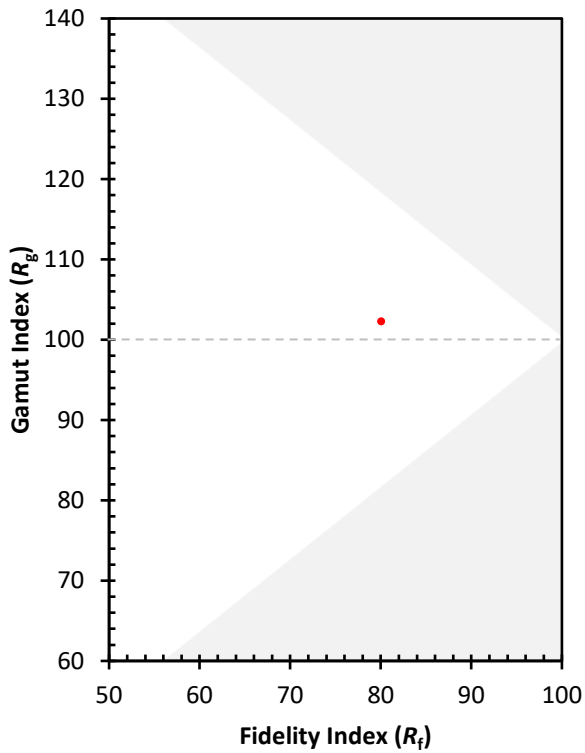
CES01 = 85	CES26 = 67	CES51 = 92	CES76 = 54
CES02 = 60	CES27 = 88	CES52 = 91	CES77 = 71
CES03 = 31	CES28 = 81	CES53 = 82	CES78 = 55
CES04 = 69	CES29 = 66	CES54 = 92	CES79 = 81
CES05 = 47	CES30 = 80	CES55 = 90	CES80 = 75
CES06 = 50	CES31 = 69	CES56 = 81	CES81 = 79
CES07 = 40	CES32 = 61	CES57 = 80	CES82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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)