

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: P1444589

Luminaire Tested: EHBR1-24-UNV-TA-L850-UPL24

Issue Date: 5/1/2026

**Test Information**

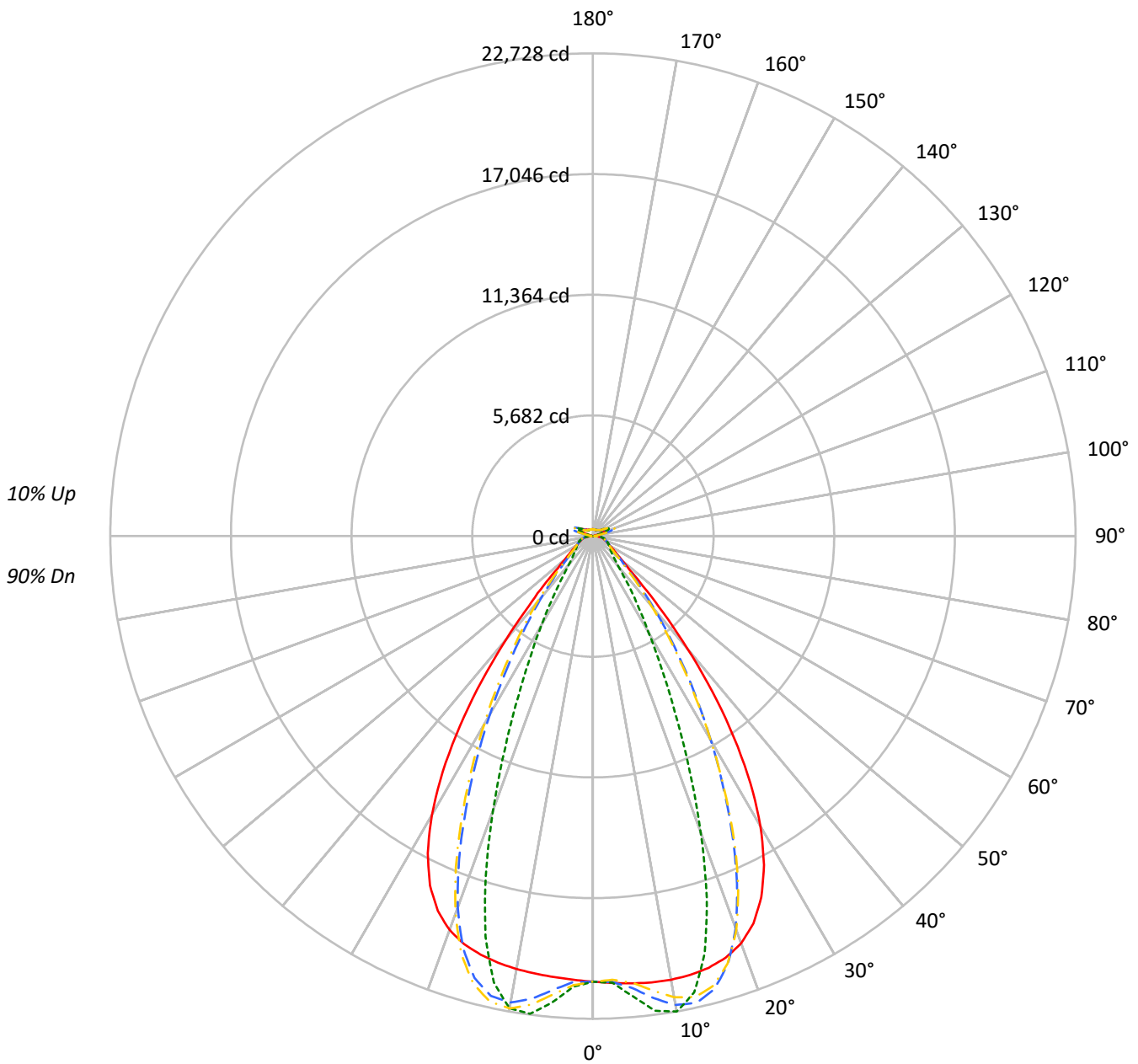
Test Method: LM-79-2019  
Report Number: P1444589  
REPORT IS A COMBINATION OF REPORTS P1444329 AND P1431635  
Test Lab: INNOVATION CENTER  
Issue Date: 5/1/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: EHBR1-24-UNV-TA-L850-UPL24  
Description: Elevate Round Highbay at, 24000 lumens, 5000K 80CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 26679.7 lumens  
Efficiency: N/A  
Efficacy: 184.3 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): 144.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

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### Luminous Intensity Polar Plot



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



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

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	117	117	117	117	113	113	113	113	106	106	106	99	99	99	93	93	93	93	93	93	90
1	110	106	103	100	106	103	100	98	97	95	93	92	90	88	87	86	84	84	84	84	82
2	103	97	92	88	100	94	90	86	89	86	83	85	82	79	81	78	76	76	76	76	74
3	96	89	83	78	93	87	81	77	83	78	74	79	75	72	75	72	70	70	70	70	68
4	91	82	75	70	88	80	74	69	76	71	68	73	69	66	70	67	64	64	64	64	62
5	85	76	69	64	83	74	68	63	71	66	62	68	64	60	66	62	59	59	59	59	57
6	80	70	63	59	78	69	63	58	66	61	57	64	59	56	62	58	55	55	55	55	53
7	76	65	59	54	74	64	58	53	62	57	52	60	55	52	58	54	51	51	51	51	49
8	72	61	54	50	70	60	54	50	58	53	49	56	52	48	55	50	47	47	47	47	46
9	68	57	51	46	66	56	50	46	55	49	45	53	48	45	52	47	44	44	44	44	43
10	65	54	48	43	63	53	47	43	52	46	42	50	45	42	49	45	41	41	41	41	40

**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	7.7
10°-20°	5816.5	21.8
20°-30°	6624.5	24.8
30°-40°	4761.4	17.8
40°-50°	2195.9	8.2
50°-60°	1050.9	3.9
60°-70°	766.7	2.9
70°-80°	582.5	2.2
80°-90°	269.2	1.0
90°-100°	71.5	0.3
100°-110°	422.8	1.6
110°-120°	781.3	2.9
120°-130°	474.9	1.8
130°-140°	301.3	1.1
140°-150°	220.3	0.8
150°-160°	151.4	0.6
160°-170°	90.3	0.3
170°-180°	30.7	0.1
0°-30°	14508.6	54.4
0°-40°	19270.0	72.2
0°-60°	22516.8	84.4
0°-90°	24135.2	90.5
90°-120°	1275.6	4.8
90°-150°	2272.0	8.5
90°-180°	2544.0	9.5
0°-180°	26679.7	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°	76	94	26	30	76	46
95°	33	37	33	37	33	31
105°	151	196	101	196	151	201
115°	680	827	713	828	680	628
125°	507	536	575	537	507	462
135°	393	352	424	355	393	307
145°	344	338	367	341	344	218
155°	318	321	340	324	318	148
165°	314	314	326	316	314	89
175°	319	323	325	323	319	30
180°	323	323	323	323	323	



TEST NUMBER: P1444589  
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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°	75.5	79.8	81.5	86.3	88.1	92.4	93.9	98.8	100.6	105.6	108.4
92.5°	28.8	30.7	32.5	34.7	36.5	39.0	41.1	43.2	45.2	47.5	51.4
95°	32.7	35.0	37.1	39.4	41.6	43.8	46.0	48.2	50.4	52.7	59.1
97.5°	41.2	43.1	45.0	47.0	48.8	50.8	52.7	54.6	56.5	58.3	66.0
100°	53.7	55.4	57.0	58.6	60.2	61.9	63.5	65.1	66.7	68.4	82.6
102.5°	89.0	94.8	100.5	106.3	112.1	117.8	123.6	129.4	135.1	140.9	171.0
105°	151.2	166.7	182.4	198.0	213.6	229.3	244.9	260.4	276.0	291.6	340.9
107.5°	258.5	287.4	316.4	345.3	374.2	403.0	432.0	460.8	489.7	518.4	568.4
110°	478.1	501.2	524.4	547.7	571.0	594.3	617.5	640.5	663.8	687.0	723.4



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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°	644.7	655.2	665.7	676.2	686.7	697.2	707.7	718.2	728.8	739.1	765.2
115°	680.2	684.0	687.7	691.2	695.1	698.6	702.3	705.9	709.6	713.0	730.8
117.5°	660.5	659.8	659.2	658.6	657.8	657.2	656.5	655.8	655.0	654.3	664.2
120°	615.8	612.5	609.5	606.2	602.9	599.5	596.3	593.0	589.7	586.2	590.6
122.5°	559.3	555.5	551.8	547.8	544.0	540.0	536.1	531.9	528.1	524.0	525.7
125°	507.3	503.4	499.7	495.7	491.6	487.6	483.6	479.5	475.5	471.3	472.3
127.5°	462.0	459.3	456.7	453.7	451.0	447.9	445.1	442.0	439.3	436.1	436.4
130°	432.8	430.4	428.0	425.3	422.8	420.0	417.4	414.5	412.0	409.1	409.6
132.5°	408.9	407.3	405.6	403.6	401.9	399.7	397.8	395.6	393.7	391.6	392.1
135°	393.0	391.3	389.9	388.2	386.4	384.5	382.6	380.6	378.8	376.7	377.5
137.5°	379.6	378.2	376.7	375.1	373.5	371.6	369.9	368.1	366.3	364.4	365.0
140°	367.3	366.0	364.6	363.1	361.7	360.1	358.4	356.8	355.2	353.4	354.2
142.5°	353.5	352.4	351.5	350.3	349.1	347.6	346.4	344.9	343.6	342.2	343.3
145°	344.5	343.6	342.8	341.7	340.8	339.5	338.5	337.1	336.1	334.9	336.1
147.5°	336.6	335.9	335.3	334.5	333.7	332.6	331.7	330.6	329.8	328.8	329.9
150°	329.7	329.1	328.5	327.7	326.9	325.9	325.0	324.2	323.2	322.2	323.5
152.5°	322.5	321.8	321.2	320.5	319.7	318.7	318.1	317.1	316.2	315.3	316.3
155°	318.2	317.5	316.8	316.1	315.4	314.5	313.7	312.9	312.1	311.2	312.1
157.5°	315.5	314.8	314.4	313.7	313.3	312.6	312.0	311.3	310.7	310.0	310.6
160°	314.3	313.8	313.3	312.8	312.1	311.5	310.9	310.2	309.7	309.0	309.5
162.5°	313.4	312.9	312.4	311.7	311.2	310.4	309.9	309.3	308.8	308.1	308.8
165°	313.7	313.3	313.0	312.7	312.3	311.9	311.5	311.0	310.6	310.1	310.5
167.5°	316.6	316.0	315.7	315.1	314.6	314.0	313.6	313.1	312.7	312.0	312.5
170°	317.6	317.2	316.9	316.7	316.4	316.1	315.8	315.5	315.2	314.9	315.2
172.5°	319.2	318.9	318.7	318.7	318.4	318.2	318.0	317.7	317.6	317.2	317.8
175°	319.3	319.0	318.9	318.8	318.7	318.6	318.5	318.3	318.3	318.1	318.3
177.5°	321.4	321.3	321.3	321.3	321.3	321.2	321.1	320.9	320.9	320.9	321.1
180°	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4



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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°	114.2	117.5	123.1	124.7	128.8	129.9	109.5	108.4	105.3	105.1	101.2
92.5°	55.6	59.4	63.5	67.4	71.4	75.4	76.9	80.2	76.2	71.9	68.2
95°	65.6	72.1	78.6	85.2	91.6	98.1	104.6	111.1	105.0	98.9	92.8
97.5°	73.7	81.3	89.0	96.8	104.4	112.1	119.7	127.4	120.9	114.2	107.8
100°	96.9	111.2	125.4	139.7	153.9	168.3	182.5	196.8	184.3	171.7	159.1
102.5°	201.4	231.7	262.0	292.4	322.7	353.0	383.6	413.9	385.1	356.1	327.2
105°	390.1	439.3	488.4	537.5	586.6	635.8	685.2	734.4	688.3	642.2	596.1
107.5°	618.2	668.1	717.9	767.7	817.6	867.5	917.7	967.6	922.8	877.7	832.8
110°	759.9	796.2	832.8	869.0	905.5	941.8	978.7	1015.2	988.2	961.2	934.0



TEST NUMBER: P1444589  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L850-UPL24

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	791.2	817.3	843.3	869.3	895.2	921.2	948.0	974.1	960.6	946.9	933.4
115°	748.3	765.9	783.4	800.9	818.5	835.9	854.4	872.2	867.7	863.4	859.1
117.5°	673.9	683.8	693.6	703.4	713.0	723.0	733.8	743.8	744.5	745.3	746.0
120°	594.7	598.9	602.9	607.1	611.2	615.3	620.7	625.1	628.8	632.4	636.0
122.5°	527.3	528.9	530.4	532.0	533.5	535.0	538.1	540.1	542.5	545.1	547.6
125°	473.0	473.9	474.5	475.3	475.9	476.8	479.3	480.3	480.6	480.6	480.9
127.5°	436.5	436.7	436.8	437.0	436.9	437.2	439.1	439.7	438.2	436.6	435.1
130°	409.9	410.4	410.7	411.2	411.5	412.0	414.2	415.2	412.5	409.7	407.0
132.5°	392.6	393.1	393.6	394.2	394.7	395.2	397.8	398.8	395.9	392.5	389.4
135°	378.0	378.8	379.4	379.9	380.5	381.4	384.3	385.5	382.6	379.5	376.5
137.5°	365.6	366.3	367.0	367.7	368.4	369.0	372.4	373.6	371.2	368.6	366.4
140°	355.0	355.8	356.7	357.5	358.3	359.3	362.9	364.3	362.6	360.6	358.7
142.5°	344.3	345.6	346.7	348.1	349.2	350.6	354.6	356.5	355.1	353.6	352.2
145°	337.3	338.8	340.1	341.5	342.8	344.4	348.9	351.2	350.4	349.3	348.4
147.5°	330.9	332.2	333.5	334.8	336.0	337.6	342.3	344.4	343.9	343.3	342.7
150°	324.5	325.8	327.1	328.5	329.9	331.4	336.6	339.0	338.6	338.0	337.5
152.5°	317.5	318.6	319.7	320.9	322.2	323.6	329.8	332.1	331.7	331.1	330.8
155°	312.9	313.8	314.6	315.7	316.6	317.8	324.2	326.5	326.3	326.0	325.7
157.5°	311.2	311.8	312.3	313.1	313.7	314.5	321.1	323.4	323.1	322.9	322.6
160°	310.0	310.5	310.9	311.5	312.0	312.6	319.3	321.4	321.2	320.9	320.6
162.5°	309.3	310.2	310.7	311.4	312.0	312.9	319.6	322.1	321.5	321.2	320.8
165°	310.9	311.2	311.6	312.1	312.5	312.9	319.2	321.1	321.0	320.7	320.4
167.5°	312.8	313.3	313.6	314.2	314.5	315.2	321.1	323.0	322.8	322.5	322.4
170°	315.5	316.0	316.2	316.7	317.1	317.6	322.6	324.1	324.0	323.4	323.2
172.5°	318.1	318.7	319.0	319.4	319.9	320.4	324.6	326.1	325.9	325.6	325.2
175°	318.7	318.9	319.3	319.7	320.1	320.5	323.9	324.8	324.7	324.6	324.4
177.5°	321.4	321.6	321.9	322.2	322.5	322.8	324.8	325.4	325.4	325.4	325.3
180°	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4



TEST NUMBER: P1444589  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L850-UPL24

**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°	100.1	96.2	96.5	94.3	95.8	93.6	95.1	92.8	94.9	94.2	97.0
92.5°	63.7	59.7	55.3	51.4	47.1	43.3	41.1	39.4	37.2	35.7	33.4
95°	86.8	80.7	74.8	68.7	62.7	56.6	54.3	52.2	49.9	47.7	45.5
97.5°	101.3	94.7	88.2	81.6	75.1	68.7	67.2	65.7	64.2	62.8	61.3
100°	146.5	134.0	121.4	108.7	96.3	83.7	82.5	81.3	80.2	79.0	77.8
102.5°	298.4	269.7	241.0	212.1	183.3	154.4	149.4	144.4	139.4	134.4	129.4
105°	550.0	503.8	457.7	411.7	365.7	319.5	305.8	291.9	278.2	264.4	250.8
107.5°	787.7	742.8	697.8	652.9	607.9	563.0	541.3	519.6	497.8	476.1	454.4
110°	906.9	879.9	853.1	825.9	799.1	772.2	751.3	730.6	709.9	689.2	668.4



TEST NUMBER: P1444589  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L850-UPL24

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	919.8	906.3	892.8	879.2	865.8	852.3	842.2	832.1	822.1	812.0	801.6
115°	854.8	850.5	846.1	841.9	837.8	833.5	832.7	832.0	831.2	830.5	829.8
117.5°	746.8	747.6	748.3	749.2	750.1	750.9	756.3	761.6	767.0	772.6	778.2
120°	639.7	643.4	646.9	650.7	654.4	658.1	665.3	672.5	679.7	687.1	694.6
122.5°	550.1	552.6	555.1	557.7	560.3	562.9	570.0	577.2	584.4	591.6	599.0
125°	480.8	481.0	481.0	481.1	481.2	481.5	487.4	493.2	499.2	505.2	511.2
127.5°	433.5	431.8	430.2	428.8	427.1	425.6	429.1	432.5	436.0	439.6	443.2
130°	404.1	401.4	398.4	395.8	392.8	390.2	391.5	392.8	394.3	395.7	397.1
132.5°	386.0	382.9	379.6	376.4	373.1	369.8	369.7	369.7	369.6	369.7	369.8
135°	373.4	370.3	367.1	364.0	360.8	357.8	357.1	356.2	355.4	354.7	354.0
137.5°	363.9	361.5	359.0	356.6	354.0	351.6	350.3	349.3	348.1	347.2	346.3
140°	356.7	354.8	352.6	350.8	348.7	346.8	345.8	345.0	344.0	343.2	342.3
142.5°	350.7	349.3	347.7	346.4	344.9	343.4	342.4	341.5	340.7	339.9	339.1
145°	347.4	346.5	345.6	344.6	343.5	342.7	341.8	341.2	340.5	340.0	339.4
147.5°	342.2	341.5	340.9	340.3	339.7	339.0	338.4	338.1	337.5	337.2	336.7
150°	336.9	336.4	335.7	335.3	334.6	334.1	333.8	333.6	333.2	333.2	332.8
152.5°	330.1	329.8	329.2	328.8	328.1	327.6	327.3	327.2	326.9	326.8	326.4
155°	325.3	325.0	324.6	324.3	323.9	323.7	323.3	322.9	322.6	322.2	321.8
157.5°	322.3	322.0	321.6	321.4	320.9	320.6	320.3	320.0	319.6	319.3	318.9
160°	320.3	320.1	319.7	319.4	319.1	318.8	318.3	317.9	317.3	317.0	316.4
162.5°	320.4	319.8	319.5	319.0	318.6	318.2	317.8	317.4	317.1	316.8	316.4
165°	320.1	319.8	319.5	319.2	318.9	318.7	318.2	317.8	317.3	316.8	316.3
167.5°	322.0	321.8	321.5	321.3	320.9	320.5	320.1	319.7	319.2	318.8	318.3
170°	322.8	322.4	322.0	321.6	321.2	320.8	320.3	319.9	319.4	319.1	318.6
172.5°	324.9	324.7	324.3	324.1	323.6	323.3	322.9	322.6	322.2	321.8	321.5
175°	324.3	324.3	324.3	324.0	324.0	323.8	323.6	323.6	323.4	323.3	323.1
177.5°	325.3	325.2	325.2	325.1	325.0	325.0	324.8	324.6	324.4	324.2	324.1
180°	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4



TEST NUMBER: P1444589  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L850-UPL24

**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°	95.6	97.2	94.3	94.1	92.6	94.1	90.8	90.7	85.5	84.4	79.9
92.5°	31.6	29.6	27.6	25.7	28.0	29.6	31.8	33.4	35.6	37.2	39.4
95°	43.3	41.1	38.9	36.6	38.4	40.2	41.9	43.7	45.5	47.2	49.0
97.5°	59.8	58.3	56.9	55.4	56.5	57.5	58.5	59.5	60.6	61.6	62.8
100°	76.6	75.4	74.3	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
102.5°	124.4	119.3	114.3	109.3	112.8	116.1	119.5	122.9	126.3	129.7	133.2
105°	237.0	223.3	209.6	195.9	209.1	222.4	235.7	249.0	262.3	275.7	289.1
107.5°	432.6	411.0	389.3	367.6	391.8	416.0	440.3	464.4	488.6	512.7	537.2
110°	647.8	627.2	606.5	585.8	611.5	637.2	662.8	688.5	714.3	740.0	765.7



TEST NUMBER: P1444589  
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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°	791.6	781.6	771.6	761.6	778.1	794.6	811.2	827.9	844.4	861.0	877.6
115°	829.1	828.6	828.0	827.4	835.2	843.0	850.8	858.7	866.7	874.4	882.5
117.5°	783.6	789.1	794.7	800.3	802.8	805.3	807.9	810.4	813.1	815.7	818.3
120°	701.9	709.3	716.8	724.3	723.3	722.3	721.2	720.2	719.4	718.5	717.8
122.5°	606.3	613.7	621.2	628.7	626.5	624.2	622.2	620.0	618.0	616.0	614.0
125°	517.5	523.6	529.8	536.1	533.9	531.7	529.5	527.6	525.4	523.5	521.6
127.5°	446.9	450.8	454.5	458.4	457.3	456.4	455.6	454.6	453.8	453.1	452.4
130°	398.7	400.5	402.2	403.9	404.2	404.5	405.1	405.5	406.2	406.7	407.4
132.5°	370.2	370.4	370.8	371.2	372.4	373.6	374.9	376.3	377.9	379.3	381.1
135°	353.5	353.1	352.6	352.4	354.2	355.9	357.8	359.7	361.9	364.0	366.3
137.5°	345.5	344.7	344.0	343.3	345.1	346.8	348.7	350.7	352.7	354.9	357.3
140°	341.6	340.9	340.6	340.0	341.7	343.4	345.3	347.2	349.3	351.5	353.7
142.5°	338.5	337.7	337.2	336.8	338.2	339.9	341.6	343.4	345.3	347.2	349.2
145°	338.9	338.3	338.0	337.6	338.7	339.9	341.1	342.4	343.9	345.2	346.8
147.5°	336.4	336.1	335.9	335.7	336.6	337.4	338.4	339.3	340.5	341.5	342.7
150°	332.8	332.5	332.5	332.4	332.9	333.5	334.1	334.7	335.3	336.0	336.9
152.5°	326.5	326.2	326.3	326.2	326.6	327.1	327.7	328.2	328.9	329.5	330.3
155°	321.7	321.5	321.2	321.0	321.1	321.3	321.6	321.7	322.1	322.3	322.7
157.5°	318.8	318.6	318.4	318.1	318.1	318.0	318.1	318.0	318.2	318.1	318.3
160°	316.1	315.5	315.2	314.8	314.9	314.9	315.1	315.1	315.3	315.5	315.7
162.5°	316.2	315.9	315.6	315.3	315.1	314.8	314.7	314.4	314.2	314.0	314.0
165°	315.8	315.4	315.0	314.5	314.4	314.4	314.2	314.2	314.1	314.1	314.1
167.5°	318.0	317.4	317.1	316.6	316.3	315.8	315.6	315.2	314.9	314.5	314.4
170°	318.4	317.9	317.6	317.2	317.0	316.8	316.7	316.5	316.4	316.3	316.3
172.5°	321.2	320.8	320.5	320.2	320.0	319.8	319.8	319.7	319.5	319.5	319.5
175°	323.0	322.9	322.8	322.6	322.4	322.2	322.1	321.9	321.8	321.5	321.4
177.5°	323.8	323.6	323.4	323.3	323.2	323.2	323.2	323.2	323.2	323.1	323.1
180°	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4



TEST NUMBER: P1444589  
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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°	79.9	76.0	76.8	74.7	76.1	74.6	76.9	76.3	79.0	78.3	81.2
92.5°	41.1	42.9	46.5	50.2	53.5	57.1	60.7	64.4	67.8	71.5	74.8
95°	50.8	52.6	57.3	62.0	66.7	71.4	76.3	81.0	85.8	90.5	95.2
97.5°	63.7	64.8	69.5	74.3	79.0	83.7	88.4	93.3	98.0	102.7	107.5
100°	73.1	73.2	86.6	100.0	113.5	127.0	140.4	153.8	167.4	180.7	194.2
102.5°	136.5	140.0	173.9	207.9	241.8	275.7	309.7	343.7	377.6	411.8	445.8
105°	302.3	315.7	367.5	419.2	471.0	522.9	574.8	626.8	678.6	730.4	782.3
107.5°	561.4	585.5	632.4	679.2	726.0	773.0	819.9	866.8	913.6	960.5	1007.5
110°	791.4	817.2	848.5	879.9	911.4	942.7	974.1	1005.6	1037.0	1068.5	1100.1



TEST NUMBER: P1444589  
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**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	894.1	910.8	929.0	947.4	965.7	984.0	1002.4	1020.8	1039.2	1057.6	1076.1
115°	890.3	898.4	905.5	912.6	919.7	926.9	934.1	941.4	948.8	956.0	963.3
117.5°	820.9	823.7	824.8	826.0	827.1	828.5	829.6	831.0	832.4	833.7	834.9
120°	716.9	716.1	714.9	713.8	712.6	711.7	710.7	709.6	708.7	707.7	706.7
122.5°	612.0	610.2	609.1	608.0	607.0	606.2	605.1	604.3	603.4	602.5	601.6
125°	519.7	518.0	519.0	520.1	521.3	522.5	523.7	525.0	526.2	527.5	528.8
127.5°	451.7	451.3	454.0	456.9	459.7	462.6	465.5	468.4	471.3	474.3	477.2
130°	408.1	409.0	412.6	416.2	419.8	423.6	427.3	431.0	434.7	438.4	442.0
132.5°	382.7	384.6	387.9	391.4	395.0	398.5	402.1	405.7	409.3	412.9	416.4
135°	368.6	371.0	374.1	377.4	380.6	384.0	387.2	390.6	393.7	397.0	400.2
137.5°	359.4	361.9	364.5	367.1	369.6	372.4	375.0	377.7	380.2	382.9	385.5
140°	356.0	358.3	359.7	361.4	363.0	364.5	365.9	367.6	369.0	370.7	372.1
142.5°	351.3	353.5	354.4	355.4	356.5	357.6	358.6	359.6	360.6	361.6	362.5
145°	348.3	350.1	350.2	350.4	350.6	350.8	350.9	351.2	351.2	351.4	351.5
147.5°	343.9	345.2	344.9	345.0	344.9	344.8	344.7	344.7	344.5	344.5	344.3
150°	337.7	338.6	338.2	338.0	337.5	337.2	336.8	336.5	336.1	335.8	335.3
152.5°	330.9	331.7	331.1	330.8	330.3	329.9	329.4	329.1	328.5	328.1	327.7
155°	322.9	323.3	323.0	322.8	322.5	322.2	321.9	321.9	321.7	321.4	321.3
157.5°	318.3	318.4	318.2	318.1	317.9	317.8	317.6	317.6	317.5	317.6	317.6
160°	315.7	316.0	315.8	315.6	315.5	315.3	315.2	315.1	315.1	315.2	315.3
162.5°	313.7	313.6	313.5	313.3	313.2	313.1	313.1	313.2	313.1	313.2	313.2
165°	314.2	314.3	313.9	313.7	313.4	313.2	313.1	313.0	312.9	312.8	312.8
167.5°	314.2	314.1	314.1	314.1	314.1	314.2	314.3	314.6	314.7	315.0	315.1
170°	316.2	316.3	316.1	316.0	315.9	315.8	315.8	315.6	315.7	315.7	315.6
172.5°	319.5	319.5	319.2	318.9	318.7	318.4	318.1	318.0	317.7	317.5	317.2
175°	321.1	321.0	320.8	320.7	320.5	320.3	320.1	319.9	319.7	319.6	319.4
177.5°	323.0	322.8	322.7	322.7	322.7	322.6	322.6	322.5	322.5	322.5	322.3
180°	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4



TEST NUMBER: P1444589  
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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°	75.5	73.4	68.0	65.9	60.4	57.2	51.2	48.4	42.8	41.6	38.1
92.5°	70.8	66.9	63.1	58.9	55.1	51.2	47.1	43.2	39.2	37.6	36.5
95°	89.4	83.7	77.9	72.1	66.4	60.6	54.9	49.2	43.4	42.2	41.1
97.5°	100.7	93.9	87.1	80.4	73.7	66.9	60.2	53.4	46.7	45.9	45.2
100°	178.7	163.2	147.4	131.8	116.3	100.7	85.0	69.3	53.8	52.9	52.1
102.5°	407.8	369.9	332.1	294.3	256.7	218.8	180.8	142.9	105.1	99.6	94.2
105°	725.0	667.8	610.5	553.2	496.0	438.6	381.3	324.0	266.7	248.2	229.9
107.5°	953.6	899.8	845.9	792.1	738.3	684.5	630.5	576.7	522.8	490.4	457.9
110°	1057.3	1014.5	971.9	929.1	886.4	843.7	800.9	758.1	715.4	687.4	659.6



TEST NUMBER: P1444589  
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**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	1044.8	1013.4	982.3	950.8	919.6	888.2	856.9	825.4	794.1	777.2	760.3
115°	944.6	925.7	906.8	888.0	869.1	850.3	831.4	812.3	793.5	784.5	775.6
117.5°	825.4	815.8	806.3	796.6	786.9	777.2	767.6	757.8	748.1	745.0	741.9
120°	704.0	701.2	698.1	695.3	692.2	689.4	686.3	683.4	680.2	680.6	681.0
122.5°	602.8	604.0	605.2	606.2	607.3	608.3	609.5	610.5	611.5	613.9	616.3
125°	531.6	534.4	537.2	540.0	542.7	545.5	548.3	550.9	553.8	556.1	558.6
127.5°	480.5	483.6	486.8	489.9	493.1	496.1	499.3	502.1	505.4	507.4	509.8
130°	444.9	447.4	450.3	452.9	455.7	458.3	461.0	463.7	466.4	468.2	469.8
132.5°	418.8	421.3	423.8	426.1	428.7	430.9	433.5	435.8	438.4	439.6	440.9
135°	402.1	403.9	405.8	407.4	409.4	411.2	413.0	414.9	416.9	417.7	418.6
137.5°	387.0	388.5	390.1	391.4	393.0	394.5	396.2	397.6	399.4	399.7	400.4
140°	373.8	375.2	376.9	378.4	380.1	381.6	383.5	385.2	386.9	387.4	387.9
142.5°	363.7	364.9	366.1	367.4	368.7	369.9	371.3	372.9	374.2	374.7	375.2
145°	353.0	354.4	355.9	357.3	358.8	360.4	362.2	363.7	365.5	365.7	366.1
147.5°	345.5	346.6	348.0	349.3	350.6	351.9	353.5	354.9	356.5	356.8	357.0
150°	336.8	338.1	339.5	340.8	342.3	343.8	345.4	346.9	348.8	349.2	349.7
152.5°	329.2	330.5	332.0	333.6	335.2	336.8	338.6	340.3	342.0	342.5	343.0
155°	322.8	324.2	325.7	327.3	328.9	330.4	332.1	333.8	335.4	336.1	336.6
157.5°	318.9	320.1	321.6	323.0	324.4	325.8	327.4	328.8	330.4	330.8	331.3
160°	316.5	317.6	318.8	320.1	321.4	322.7	324.1	325.3	326.7	327.1	327.6
162.5°	314.4	315.6	316.9	318.1	319.4	320.6	322.0	323.2	324.5	324.9	325.4
165°	313.6	314.5	315.5	316.3	317.3	318.2	319.1	320.1	321.1	321.6	322.2
167.5°	315.9	316.5	317.2	317.9	318.7	319.4	320.2	320.9	321.7	322.2	322.6
170°	316.3	316.9	317.5	318.2	318.8	319.5	320.1	320.8	321.6	322.0	322.5
172.5°	317.6	317.9	318.5	318.7	319.2	319.6	320.1	320.6	321.0	321.6	322.0
175°	319.7	319.8	320.1	320.2	320.5	320.7	321.0	321.3	321.6	321.9	322.3
177.5°	322.4	322.6	322.7	322.9	323.2	323.4	323.6	323.8	324.0	324.4	324.8
180°	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4



TEST NUMBER: P1444589  
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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°	37.1	34.0	33.1	30.2	29.1	26.8	25.9	26.3	27.3	27.8	28.8
92.5°	35.2	33.9	32.5	31.2	29.9	28.6	27.2	28.6	29.9	31.2	32.5
95°	39.9	38.7	37.5	36.3	35.2	34.0	32.8	34.0	35.2	36.4	37.6
97.5°	44.4	43.7	42.9	42.2	41.5	40.8	40.0	40.9	41.6	42.3	43.0
100°	51.2	50.3	49.4	48.5	47.6	46.8	45.9	47.0	47.8	48.7	49.6
102.5°	88.8	83.4	77.9	72.5	67.0	61.6	56.1	61.6	67.0	72.6	78.0
105°	211.4	193.0	174.6	156.2	137.7	119.3	100.9	119.4	137.8	156.3	174.8
107.5°	425.5	393.3	360.8	328.5	296.0	263.5	231.1	263.5	296.1	328.5	360.9
110°	631.6	603.7	575.6	547.7	519.7	491.7	463.7	491.8	519.9	547.9	575.9



TEST NUMBER: P1444589  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L850-UPL24

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	743.2	726.2	709.2	692.3	675.1	658.1	641.0	658.3	675.4	692.7	709.7
115°	766.8	757.7	748.8	739.8	730.7	721.8	712.6	722.0	731.1	740.2	749.4
117.5°	738.7	735.6	732.5	729.3	726.1	723.0	719.6	723.2	726.5	730.0	733.3
120°	681.3	681.7	682.0	682.3	682.6	682.8	683.0	683.2	683.2	683.2	683.1
122.5°	618.6	621.0	623.3	625.5	627.8	629.9	632.1	630.2	628.4	626.5	624.4
125°	560.9	563.4	565.7	568.1	570.3	572.8	574.7	573.2	571.2	569.3	567.2
127.5°	512.0	514.1	516.2	518.4	520.4	522.5	524.2	522.9	521.2	519.6	517.9
130°	471.5	473.3	474.8	476.4	477.9	479.3	480.5	479.6	478.7	477.8	476.6
132.5°	442.1	443.5	444.8	446.0	446.9	448.0	448.8	448.5	447.9	447.4	446.6
135°	419.5	420.4	421.1	422.1	422.7	423.4	423.7	423.9	423.7	423.6	423.2
137.5°	400.8	401.3	401.7	401.9	402.2	402.3	402.4	402.9	403.2	403.7	403.7
140°	388.3	388.9	389.2	389.6	389.9	390.1	390.1	390.7	390.9	391.2	391.3
142.5°	375.6	376.1	376.5	377.0	377.1	377.4	377.4	377.9	378.2	378.5	378.7
145°	366.4	366.7	366.9	367.2	367.2	367.3	367.0	367.9	368.3	368.7	369.0
147.5°	357.4	357.6	357.7	357.8	357.9	357.9	357.8	358.4	358.9	359.3	359.8
150°	350.2	350.8	351.1	351.6	351.8	352.0	352.0	352.5	352.7	353.0	353.0
152.5°	343.5	343.8	344.3	344.5	344.9	345.0	345.2	345.5	346.0	346.2	346.4
155°	337.1	337.7	338.1	338.6	338.9	339.3	339.6	339.9	340.2	340.3	340.5
157.5°	331.8	332.3	332.7	333.2	333.5	334.0	334.3	334.7	335.0	335.3	335.3
160°	328.0	328.6	328.9	329.4	329.8	330.1	330.4	330.8	331.1	331.3	331.6
162.5°	325.8	326.3	326.5	327.0	327.4	327.8	328.1	328.5	328.8	329.1	329.3
165°	322.7	323.2	323.8	324.3	324.8	325.2	325.7	325.9	326.0	326.1	326.3
167.5°	323.1	323.6	324.1	324.5	324.9	325.4	325.9	326.0	326.2	326.2	326.3
170°	322.9	323.3	323.8	324.2	324.6	325.0	325.4	325.4	325.5	325.6	325.7
172.5°	322.5	323.1	323.6	324.2	324.5	325.1	325.5	325.6	325.4	325.3	325.0
175°	322.7	323.2	323.6	324.1	324.3	324.8	325.3	325.0	325.0	324.8	324.6
177.5°	325.4	326.0	326.6	327.0	327.5	327.9	328.5	328.0	327.7	327.3	326.9
180°	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4



TEST NUMBER: P1444589  
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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°	29.5	30.4	31.0	32.0	33.2	35.7	38.2	40.7	43.5	46.1	48.7
92.5°	33.9	35.3	36.6	37.9	39.3	43.3	47.2	51.3	55.3	59.2	63.2
95°	38.8	40.0	41.2	42.5	43.7	49.5	55.2	61.0	66.8	72.5	78.3
97.5°	43.9	44.6	45.4	46.1	47.0	53.7	60.5	67.3	74.1	80.8	87.5
100°	50.6	51.5	52.4	53.2	54.1	69.7	85.4	101.1	116.7	132.3	147.9
102.5°	83.6	89.0	94.5	100.0	105.5	143.4	181.3	219.2	257.1	294.9	332.7
105°	193.2	211.7	230.2	248.6	267.1	324.4	381.8	439.3	496.5	553.8	611.2
107.5°	393.5	425.9	458.4	490.9	523.4	577.4	631.2	685.1	739.2	793.1	846.8
110°	604.1	632.0	660.1	688.2	716.2	759.0	801.9	844.7	887.5	930.3	973.0



TEST NUMBER: P1444589  
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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°	726.9	743.9	761.1	778.0	795.1	826.5	858.1	889.5	921.0	952.2	983.8
115°	758.6	767.6	776.7	785.6	794.8	813.7	832.7	851.8	870.8	889.6	908.6
117.5°	736.6	739.9	743.2	746.2	749.6	759.4	769.1	778.9	788.8	798.6	808.3
120°	683.0	682.8	682.6	682.3	682.1	685.1	688.4	691.4	694.5	697.5	700.5
122.5°	622.5	620.2	618.1	616.0	613.7	612.7	611.8	610.8	609.9	608.9	607.9
125°	565.2	562.8	560.8	558.4	556.2	553.5	551.0	548.2	545.7	542.9	540.3
127.5°	516.2	514.1	512.4	510.2	508.2	505.1	502.2	499.1	496.2	493.1	490.2
130°	475.3	473.9	472.7	471.0	469.6	466.9	464.4	461.8	459.1	456.6	453.9
132.5°	445.9	444.9	444.0	442.8	441.8	439.4	437.2	434.8	432.5	430.0	427.9
135°	422.9	422.3	421.9	421.2	420.6	418.7	417.1	415.3	413.5	411.9	410.1
137.5°	403.9	403.7	403.6	403.4	403.2	401.8	400.4	398.9	397.5	396.1	394.7
140°	391.5	391.4	391.4	391.2	391.0	389.5	388.0	386.4	385.0	383.3	381.9
142.5°	378.7	378.7	378.7	378.5	378.4	377.2	376.1	374.9	373.7	372.5	371.4
145°	369.2	369.3	369.6	369.5	369.8	368.3	367.0	365.4	364.2	362.7	361.4
147.5°	360.1	360.3	360.5	360.7	360.9	359.6	358.6	357.4	356.3	355.0	354.0
150°	353.2	353.2	353.3	353.2	353.2	352.0	350.9	349.6	348.5	347.1	346.1
152.5°	346.4	346.6	346.7	346.8	346.9	345.8	344.5	343.1	341.8	340.6	339.3
155°	340.7	340.7	340.8	340.8	340.8	339.6	338.4	337.1	335.9	334.8	333.6
157.5°	335.5	335.6	335.8	335.9	336.0	335.0	334.0	332.9	331.9	330.7	329.8
160°	331.8	332.0	332.2	332.3	332.4	331.5	330.8	329.8	329.1	328.0	327.0
162.5°	329.6	329.8	329.9	330.0	330.1	329.3	328.6	327.7	326.8	325.7	324.8
165°	326.4	326.4	326.4	326.4	326.3	325.7	325.2	324.6	324.1	323.4	322.8
167.5°	326.4	326.4	326.4	326.4	326.3	325.9	325.7	325.2	324.7	324.3	323.9
170°	325.7	325.7	325.7	325.7	325.6	325.2	324.8	324.4	324.2	323.6	323.1
172.5°	325.0	324.8	324.6	324.5	324.3	324.1	323.8	323.5	323.3	323.0	322.7
175°	324.4	324.3	324.1	323.9	323.7	323.6	323.5	323.4	323.3	323.1	323.0
177.5°	326.5	326.2	325.7	325.4	325.0	324.9	324.8	324.7	324.6	324.5	324.3
180°	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4



TEST NUMBER: P1444589  
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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°	51.3	60.1	62.6	60.9	57.2	55.2	51.7	50.0	46.9	45.2	42.0
92.5°	67.2	71.1	75.1	71.6	68.1	64.5	61.0	57.3	53.8	50.2	46.8
95°	84.1	89.6	95.4	90.7	85.9	81.1	76.4	71.6	66.9	62.2	57.5
97.5°	94.3	101.0	107.7	102.9	98.2	93.4	88.7	84.0	79.3	74.5	69.7
100°	163.6	178.9	194.5	181.0	167.6	154.1	140.7	127.2	113.7	100.3	86.8
102.5°	370.5	408.2	446.0	412.0	377.9	344.0	310.1	276.0	242.1	208.0	174.1
105°	668.4	725.5	782.7	730.7	678.9	627.0	575.1	523.2	471.4	419.4	367.7
107.5°	900.7	954.1	1007.8	960.9	914.0	867.2	820.2	773.2	726.3	679.4	632.6
110°	1015.9	1057.9	1100.5	1069.0	1037.5	1006.0	974.5	943.0	911.6	880.2	848.8



TEST NUMBER: P1444589  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L850-UPL24

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	1015.0	1045.5	1076.6	1058.0	1039.6	1021.3	1002.9	984.3	966.1	947.7	929.4
115°	927.5	945.3	963.9	956.4	949.3	941.9	934.6	927.5	920.2	912.9	905.9
117.5°	818.0	826.4	835.7	834.3	833.1	831.6	830.3	828.9	827.8	826.5	825.3
120°	703.6	705.1	707.7	708.6	709.6	710.5	711.5	712.4	713.4	714.4	715.5
122.5°	606.9	604.2	602.7	603.5	604.4	605.2	606.1	607.0	608.0	608.9	609.9
125°	537.5	533.2	529.8	528.6	527.4	526.1	524.8	523.5	522.4	521.2	520.0
127.5°	487.1	482.2	478.7	475.7	472.8	469.8	466.9	463.8	461.1	458.0	455.4
130°	451.4	446.7	443.6	439.9	436.2	432.5	428.9	425.1	421.4	417.8	414.1
132.5°	425.4	421.0	418.2	414.5	411.2	407.4	404.1	400.4	396.9	393.2	389.9
135°	408.3	404.3	402.0	398.7	395.8	392.4	389.3	385.9	382.8	379.5	376.4
137.5°	393.2	389.4	387.4	384.8	382.4	379.7	377.3	374.5	372.1	369.2	366.9
140°	380.2	376.2	374.1	372.7	371.4	369.7	368.4	366.9	365.4	363.9	362.4
142.5°	370.2	366.3	364.6	363.6	362.9	361.9	361.1	360.1	359.2	358.0	357.2
145°	360.0	355.7	353.6	353.4	353.5	353.4	353.3	353.2	353.1	352.9	352.8
147.5°	352.7	348.3	346.4	346.6	346.8	346.9	347.2	347.3	347.5	347.6	347.8
150°	344.7	339.8	337.5	337.9	338.3	338.7	339.2	339.5	340.0	340.4	340.8
152.5°	337.9	331.9	329.5	329.8	330.4	330.8	331.3	331.8	332.4	333.0	333.5
155°	332.1	325.7	323.1	323.2	323.4	323.6	323.8	324.1	324.3	324.6	325.0
157.5°	328.5	321.9	319.3	319.2	319.2	319.3	319.4	319.6	319.7	319.9	320.1
160°	326.1	319.5	317.1	316.9	317.0	317.0	317.0	317.0	317.2	317.3	317.6
162.5°	323.9	317.4	315.0	314.8	314.8	314.7	314.8	314.7	314.9	314.9	315.2
165°	322.1	316.5	314.4	314.4	314.5	314.6	314.7	314.9	315.1	315.3	315.6
167.5°	323.3	318.3	316.8	316.5	316.3	316.0	316.0	315.7	315.7	315.6	315.6
170°	322.6	318.7	317.2	317.2	317.4	317.3	317.3	317.4	317.5	317.4	317.6
172.5°	322.3	319.4	318.4	318.7	318.9	319.1	319.4	319.6	319.9	320.2	320.5
175°	322.8	321.1	320.6	320.6	320.7	320.9	321.0	321.2	321.3	321.5	321.8
177.5°	324.3	323.8	323.5	323.5	323.5	323.5	323.5	323.5	323.5	323.6	323.6
180°	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4



TEST NUMBER: P1444589  
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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°	40.7	38.6	38.2	36.0	36.0	33.7	34.4	32.1	33.2	30.5	34.6
92.5°	43.1	41.4	39.3	37.5	35.5	33.7	31.6	29.8	27.8	25.9	27.8
95°	52.7	51.0	49.2	47.3	45.6	43.8	42.0	40.3	38.5	36.7	39.0
97.5°	65.0	63.9	63.0	61.9	60.9	59.8	58.8	57.8	56.8	55.7	57.2
100°	73.4	73.4	73.4	73.4	73.3	73.3	73.3	73.3	73.3	73.3	74.5
102.5°	140.1	136.6	133.3	129.9	126.5	123.1	119.7	116.3	113.0	109.5	114.5
105°	315.8	302.5	289.2	275.8	262.6	249.3	236.0	222.7	209.4	196.2	209.9
107.5°	585.8	561.6	537.3	513.0	488.8	464.6	440.5	416.2	392.0	367.9	389.6
110°	817.4	791.7	765.9	740.2	714.5	688.7	663.0	637.4	611.7	586.0	606.7



TEST NUMBER: P1444589  
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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°	911.1	894.4	877.8	861.1	844.5	828.0	811.5	794.9	778.4	761.9	771.9
115°	898.6	890.6	882.8	874.8	867.0	859.0	851.1	843.3	835.5	827.7	828.3
117.5°	824.1	821.4	818.7	816.0	813.4	810.8	808.2	805.7	803.2	800.7	795.1
120°	716.7	717.5	718.1	719.0	719.9	720.9	721.6	722.7	723.6	724.7	717.2
122.5°	610.9	612.7	614.6	616.6	618.6	620.6	622.7	624.8	627.1	629.2	621.7
125°	518.8	520.7	522.5	524.4	526.2	528.4	530.3	532.6	534.7	537.0	530.6
127.5°	452.4	453.1	453.5	454.3	454.9	455.8	456.7	457.6	458.6	459.8	455.8
130°	410.5	409.7	408.9	408.2	407.4	407.0	406.6	406.1	405.7	405.5	403.7
132.5°	386.2	384.6	382.8	381.1	379.6	378.2	376.7	375.5	374.2	373.2	372.7
135°	373.0	370.7	368.4	366.2	363.9	362.0	359.9	358.1	356.3	354.6	354.9
137.5°	364.2	362.0	359.5	357.4	355.2	353.2	351.2	349.3	347.5	345.9	346.4
140°	360.9	358.5	356.3	354.1	352.0	350.0	348.0	346.3	344.3	342.8	343.2
142.5°	356.2	354.3	352.0	350.2	348.1	346.4	344.6	343.0	341.1	339.8	340.3
145°	352.7	351.2	349.6	348.1	346.7	345.5	344.0	342.9	341.7	340.8	341.0
147.5°	347.9	346.8	345.6	344.6	343.3	342.3	341.3	340.6	339.7	338.9	339.0
150°	341.1	340.5	339.7	339.0	338.3	337.7	337.0	336.5	335.9	335.4	335.4
152.5°	334.0	333.4	332.6	332.0	331.4	330.8	330.2	329.8	329.4	328.9	328.9
155°	325.3	325.0	324.7	324.5	324.3	324.2	323.9	323.9	323.7	323.6	323.7
157.5°	320.3	320.3	320.2	320.2	320.2	320.2	320.1	320.3	320.2	320.4	320.5
160°	317.9	317.7	317.5	317.4	317.3	317.1	317.1	317.0	317.0	316.9	317.3
162.5°	315.3	315.5	315.6	315.8	316.0	316.2	316.4	316.7	316.9	317.2	317.4
165°	315.9	315.9	315.8	315.8	315.8	315.9	315.8	316.0	316.0	316.2	316.5
167.5°	315.5	315.7	315.8	316.0	316.2	316.5	316.8	317.1	317.5	317.9	318.3
170°	317.6	317.6	317.6	317.6	317.6	317.7	317.8	317.9	318.0	318.2	318.5
172.5°	320.7	320.7	320.6	320.7	320.6	320.7	320.7	320.8	320.8	320.9	321.1
175°	321.8	322.1	322.3	322.4	322.6	322.7	322.9	323.0	323.2	323.3	323.3
177.5°	323.6	323.7	323.7	323.7	323.7	323.8	323.8	323.8	323.8	323.7	323.8
180°	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4



TEST NUMBER: P1444589  
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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°	34.6	38.0	38.2	41.5	41.9	45.6	46.3	49.8	50.3	53.9	54.9
92.5°	29.8	31.6	33.6	35.5	37.4	39.3	41.3	43.1	47.2	51.2	55.5
95°	41.2	43.4	45.6	47.8	50.0	52.3	54.4	56.7	62.8	68.8	74.8
97.5°	58.6	60.1	61.6	63.1	64.5	66.0	67.5	69.0	75.4	81.9	88.4
100°	75.6	76.8	78.0	79.2	80.4	81.5	82.7	83.9	96.6	109.0	121.6
102.5°	119.5	124.6	129.6	134.6	139.6	144.6	149.6	154.6	183.5	212.3	241.1
105°	223.6	237.3	251.1	264.7	278.5	292.2	306.0	319.7	365.9	411.9	458.1
107.5°	411.3	432.9	454.6	476.4	498.1	519.8	541.5	563.3	608.2	653.2	698.1
110°	627.4	648.1	668.7	689.6	710.2	730.9	751.6	772.5	799.4	826.3	853.4



TEST NUMBER: P1444589  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L850-UPL24

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	781.9	791.9	802.0	812.2	822.4	832.5	842.6	852.8	866.3	879.7	893.3
115°	828.9	829.5	830.2	830.9	831.7	832.3	833.3	834.0	838.3	842.5	846.8
117.5°	789.6	784.1	778.6	773.0	767.6	762.2	756.8	751.6	750.8	749.9	749.2
120°	710.0	702.5	695.2	687.7	680.5	673.2	666.1	658.9	655.3	651.6	648.0
122.5°	614.4	607.0	599.8	592.4	585.3	578.1	571.1	564.0	561.5	558.9	556.4
125°	524.5	518.3	512.4	506.3	500.4	494.5	488.8	482.9	482.8	482.6	482.6
127.5°	452.0	448.3	444.7	441.0	437.6	434.1	430.7	427.3	429.0	430.5	432.2
130°	402.0	400.4	399.0	397.3	396.2	394.8	393.5	392.2	395.1	397.8	400.7
132.5°	372.5	372.2	372.1	371.9	372.0	372.0	372.2	372.2	375.4	378.7	381.9
135°	355.4	355.8	356.6	357.1	357.9	358.6	359.6	360.3	363.5	366.5	369.7
137.5°	347.3	348.0	348.9	349.8	351.0	352.0	353.2	354.2	356.7	359.1	361.6
140°	343.9	344.4	345.2	346.0	346.8	347.6	348.7	349.6	351.7	353.5	355.5
142.5°	340.9	341.4	342.1	342.9	343.8	344.5	345.5	346.2	347.7	349.1	350.7
145°	341.4	341.8	342.4	342.9	343.5	344.2	344.8	345.5	346.4	347.3	348.2
147.5°	339.3	339.6	340.0	340.3	340.8	341.1	341.5	341.9	342.7	343.2	343.8
150°	335.5	335.6	335.8	335.9	336.2	336.5	336.7	337.0	337.5	338.0	338.6
152.5°	329.1	329.2	329.3	329.4	329.6	329.8	329.8	330.1	330.6	331.1	331.6
155°	323.9	324.2	324.4	324.7	325.1	325.2	325.6	325.9	326.3	326.6	327.0
157.5°	320.8	321.0	321.4	321.5	321.9	322.2	322.5	322.7	323.1	323.4	323.7
160°	317.7	318.2	318.5	318.9	319.4	319.8	320.2	320.7	321.0	321.3	321.6
162.5°	317.8	318.1	318.4	318.6	318.8	319.2	319.4	319.7	320.3	320.6	321.2
165°	317.1	317.4	318.0	318.3	318.8	319.2	319.6	320.0	320.3	320.6	320.8
167.5°	318.7	318.9	319.4	319.9	320.3	320.7	321.1	321.6	321.9	322.0	322.4
170°	318.7	319.2	319.5	319.9	320.3	320.6	321.0	321.4	321.8	322.2	322.6
172.5°	321.3	321.7	322.0	322.2	322.5	322.9	323.2	323.5	323.8	324.2	324.3
175°	323.3	323.3	323.4	323.5	323.6	323.6	323.6	323.8	323.9	324.0	324.0
177.5°	324.0	324.1	324.3	324.3	324.5	324.6	324.8	324.9	324.9	324.9	324.9
180°	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4



TEST NUMBER: P1444589  
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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°	59.3	60.7	65.3	66.9	72.2	74.3	75.6	73.3	74.6	72.3	73.5
92.5°	59.4	63.8	68.0	72.1	76.2	80.4	76.5	72.7	68.9	65.1	61.2
95°	80.8	86.9	92.9	99.0	105.0	111.1	104.6	98.2	91.7	85.3	78.7
97.5°	94.9	101.5	108.0	114.4	121.0	127.5	119.8	112.2	104.5	97.0	89.2
100°	134.2	146.8	159.3	171.9	184.5	197.0	182.8	168.6	154.2	139.9	125.6
102.5°	270.0	298.7	327.6	356.4	385.2	414.0	383.8	353.5	323.2	292.8	262.4
105°	504.1	550.3	596.3	642.5	688.6	734.8	685.6	636.5	587.2	538.2	488.9
107.5°	743.2	788.0	833.2	878.0	923.0	968.0	918.2	868.3	818.5	768.6	718.7
110°	880.4	907.4	934.4	961.7	988.6	1015.7	979.3	942.9	906.5	870.0	833.7



TEST NUMBER: P1444589  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L850-UPL24

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	906.8	920.4	933.9	947.6	961.1	974.7	948.7	922.7	896.6	870.7	844.5
115°	851.1	855.5	859.8	864.2	868.4	872.9	855.3	837.7	820.2	802.7	784.9
117.5°	748.4	747.7	746.8	746.3	745.5	744.8	734.9	725.1	715.3	705.5	695.6
120°	644.4	640.7	637.1	633.6	629.9	626.2	622.1	618.0	613.7	609.6	605.3
122.5°	553.9	551.5	549.0	546.4	543.9	541.2	539.7	538.2	536.4	534.9	533.1
125°	482.5	482.4	482.3	482.2	482.1	481.9	481.0	480.2	479.4	478.7	477.7
127.5°	433.7	435.3	436.8	438.4	439.9	441.4	441.1	441.0	440.7	440.7	440.3
130°	403.4	406.3	409.0	411.7	414.3	417.2	416.5	416.2	415.6	415.2	414.6
132.5°	385.2	388.3	391.5	394.8	397.8	401.0	400.3	399.8	399.0	398.5	397.9
135°	372.7	375.8	378.8	381.9	384.8	387.7	386.8	386.2	385.3	384.8	383.9
137.5°	363.9	366.5	368.7	371.2	373.5	375.8	375.0	374.2	373.5	372.8	372.0
140°	357.4	359.2	361.1	363.1	364.8	366.7	365.7	364.7	363.7	362.8	361.7
142.5°	352.0	353.5	354.8	356.3	357.5	359.0	357.5	356.2	354.9	353.6	352.1
145°	349.2	350.2	351.0	351.9	352.6	353.5	351.9	350.5	348.7	347.3	345.7
147.5°	344.3	345.0	345.3	346.0	346.3	346.9	345.4	343.9	342.4	340.9	339.4
150°	339.0	339.6	340.0	340.4	340.9	341.3	339.7	338.1	336.5	335.0	333.5
152.5°	332.1	332.5	332.9	333.3	333.7	334.1	332.5	331.2	329.7	328.1	326.7
155°	327.1	327.5	327.7	328.0	328.1	328.3	326.9	325.9	324.5	323.4	322.0
157.5°	323.9	324.2	324.4	324.5	324.7	324.9	324.0	323.2	322.1	321.2	320.1
160°	321.8	322.1	322.3	322.5	322.7	322.8	322.0	321.3	320.5	319.6	318.7
162.5°	321.4	321.9	322.2	322.6	322.9	323.3	322.2	321.4	320.4	319.4	318.4
165°	321.1	321.3	321.5	321.8	321.8	322.1	321.5	320.8	320.1	319.5	318.8
167.5°	322.5	322.8	323.0	323.2	323.3	323.5	322.8	322.3	321.5	320.9	320.1
170°	322.9	323.1	323.6	323.8	324.1	324.3	323.8	323.3	322.7	322.2	321.6
172.5°	324.7	324.9	325.1	325.4	325.6	325.9	325.3	324.7	324.3	323.7	323.1
175°	324.0	324.1	324.3	324.3	324.3	324.3	324.0	323.5	323.1	322.6	322.2
177.5°	324.9	324.9	324.9	324.8	324.8	324.8	324.5	324.3	324.0	323.7	323.3
180°	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4



TEST NUMBER: P1444589  
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**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°	71.3	72.8	70.5	72.1	71.1	73.7	73.2	75.7	74.8	77.0	75.4
92.5°	57.4	53.5	49.8	45.9	43.9	41.8	40.3	38.0	36.2	34.2	32.2
95°	72.2	65.7	59.2	52.7	50.5	48.2	46.0	43.8	41.6	39.4	37.1
97.5°	81.5	73.9	66.2	58.5	56.6	54.7	52.7	50.8	48.8	47.0	45.0
100°	111.3	97.0	82.8	68.4	66.7	65.1	63.5	61.9	60.2	58.6	57.0
102.5°	232.1	201.8	171.3	141.0	135.2	129.5	123.7	117.8	112.1	106.3	100.5
105°	439.8	390.5	341.2	291.9	276.3	260.7	245.0	229.4	213.7	198.1	182.4
107.5°	668.8	618.8	568.8	518.8	490.1	461.1	432.2	403.1	374.3	345.3	316.4
110°	797.2	760.7	724.1	687.6	664.5	641.2	617.9	594.6	571.4	548.0	524.6



TEST NUMBER: P1444589  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L850-UPL24

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	818.4	792.4	766.2	740.0	729.5	718.9	708.4	697.8	687.2	676.5	666.0
115°	767.4	749.8	732.1	714.2	710.7	706.9	703.2	699.4	695.7	691.9	688.1
117.5°	685.7	675.8	665.9	655.9	656.5	657.0	657.7	658.3	658.7	659.2	659.7
120°	601.1	596.7	592.6	588.3	591.5	594.7	597.9	600.9	604.1	607.0	610.1
122.5°	531.5	529.7	528.2	526.3	530.2	534.2	537.9	541.6	545.4	548.9	552.5
125°	476.9	475.9	475.1	474.0	478.1	481.9	485.7	489.5	493.3	496.8	500.5
127.5°	440.2	439.9	439.7	439.3	442.2	444.8	447.5	450.1	452.8	455.2	457.5
130°	414.2	413.6	413.2	412.7	415.1	417.6	420.1	422.4	424.8	426.9	429.1
132.5°	397.3	396.6	396.1	395.4	397.3	398.9	400.8	402.2	403.9	405.2	406.7
135°	383.3	382.3	381.7	380.7	382.5	384.2	385.7	387.1	388.6	389.8	391.0
137.5°	371.2	370.4	369.5	368.7	370.2	371.7	373.1	374.4	375.6	376.9	377.9
140°	360.9	359.8	358.9	357.8	359.2	360.5	361.8	362.9	364.0	364.9	365.9
142.5°	350.9	349.4	348.2	346.7	347.7	348.6	349.6	350.4	351.3	352.0	352.5
145°	344.2	342.5	341.0	339.5	340.3	340.9	341.6	342.3	342.8	343.2	343.8
147.5°	338.0	336.4	334.9	333.3	334.0	334.5	334.9	335.3	335.8	336.1	336.4
150°	331.8	330.1	328.6	326.9	327.4	327.8	328.2	328.6	329.0	329.2	329.5
152.5°	325.0	323.6	322.0	320.4	320.8	321.1	321.4	321.6	321.9	322.1	322.3
155°	320.8	319.4	318.2	316.7	317.1	317.3	317.5	317.8	317.9	318.0	318.2
157.5°	319.1	318.0	317.1	315.9	316.0	316.0	316.1	315.9	316.0	315.9	315.9
160°	318.0	317.0	316.1	315.1	315.0	315.1	315.1	315.0	314.9	314.8	314.7
162.5°	317.4	316.3	315.3	314.1	314.1	314.2	314.2	314.0	314.0	313.8	313.8
165°	318.2	317.4	316.6	315.7	315.6	315.5	315.4	315.1	314.9	314.6	314.4
167.5°	319.4	318.7	317.9	316.9	317.1	317.1	317.1	317.0	317.0	316.8	316.8
170°	321.0	320.3	319.7	319.0	318.9	318.8	318.7	318.6	318.4	318.2	318.0
172.5°	322.4	321.8	321.2	320.4	320.4	320.3	320.2	320.1	319.8	319.7	319.6
175°	321.6	321.2	320.5	320.1	320.0	320.0	319.9	319.8	319.6	319.6	319.4
177.5°	323.0	322.7	322.3	322.0	321.9	321.9	321.8	321.7	321.7	321.7	321.6
180°	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4



TEST NUMBER: P1444589  
CATALOG NUMBER: EHBR1-24-UNV-TA-L850-UPL24

**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°	77.4	75.5
92.5°	30.5	28.8
95°	35.0	32.7
97.5°	43.1	41.2
100°	55.4	53.7
102.5°	94.8	89.0
105°	166.8	151.2
107.5°	287.4	258.5
110°	501.4	478.1



TEST NUMBER: P1444589  
CATALOG NUMBER: EHBR1-24-UNV-TA-L850-UPL24

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	655.3	644.7
115°	684.1	680.2
117.5°	660.1	660.5
120°	612.8	615.8
122.5°	555.9	559.3
125°	503.8	507.3
127.5°	459.8	462.0
130°	430.7	432.8
132.5°	407.7	408.9
135°	392.0	393.0
137.5°	378.7	379.6
140°	366.6	367.3
142.5°	353.0	353.5
145°	344.1	344.5
147.5°	336.3	336.6
150°	329.6	329.7
152.5°	322.3	322.5
155°	318.2	318.2
157.5°	315.6	315.5
160°	314.5	314.3
162.5°	313.5	313.4
165°	314.0	313.7
167.5°	316.5	316.6
170°	317.7	317.6
172.5°	319.4	319.2
175°	319.3	319.3
177.5°	321.6	321.4
180°	323.4	323.4

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

REPORT NUMBER: SP1-2506-472-4

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

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CIE 1931 Chromaticity Diagram



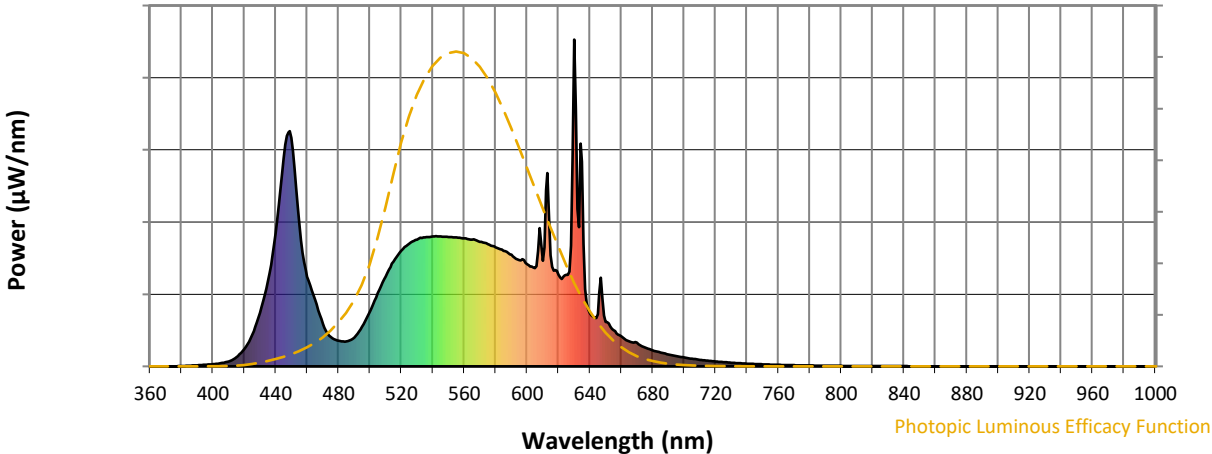
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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**Photopic Flux vs. Wavelength**

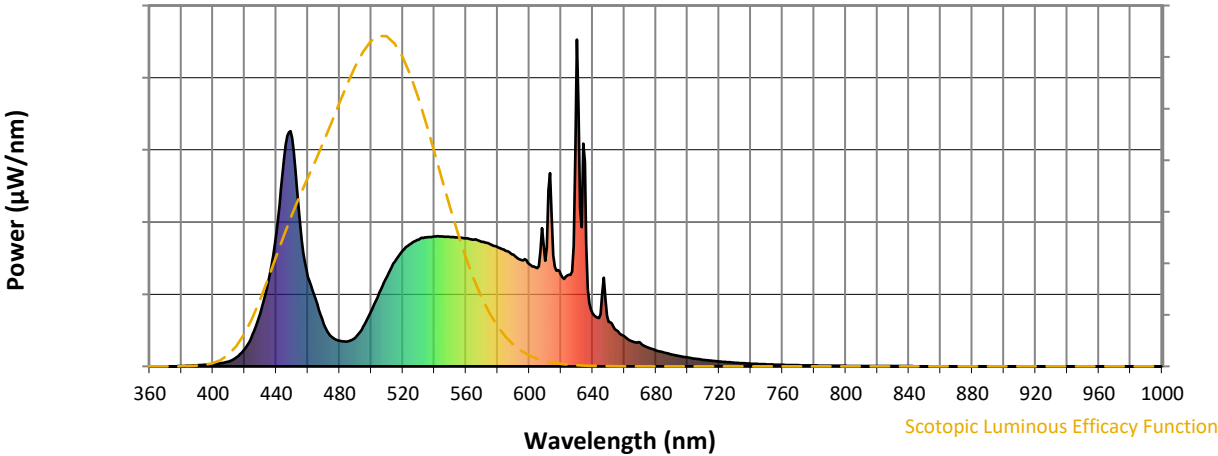


**Photopic Lumens: NR**

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

REPORT NUMBER: SP1-2506-472-4

**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.82**

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

REPORT NUMBER: SP1-2506-472-4

**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: NR**

**M/P: 3.71**

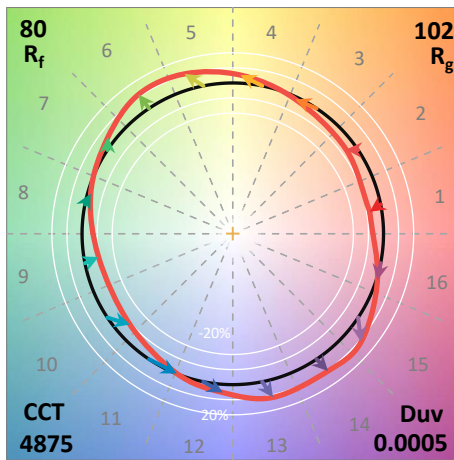
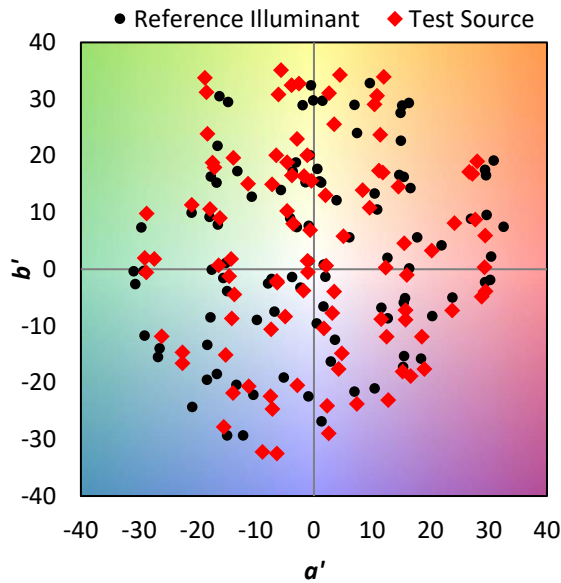
λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	89	NR	620	280	NR	750	6	NR	880	0	NR
365	0	NR	495	121	NR	625	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**

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

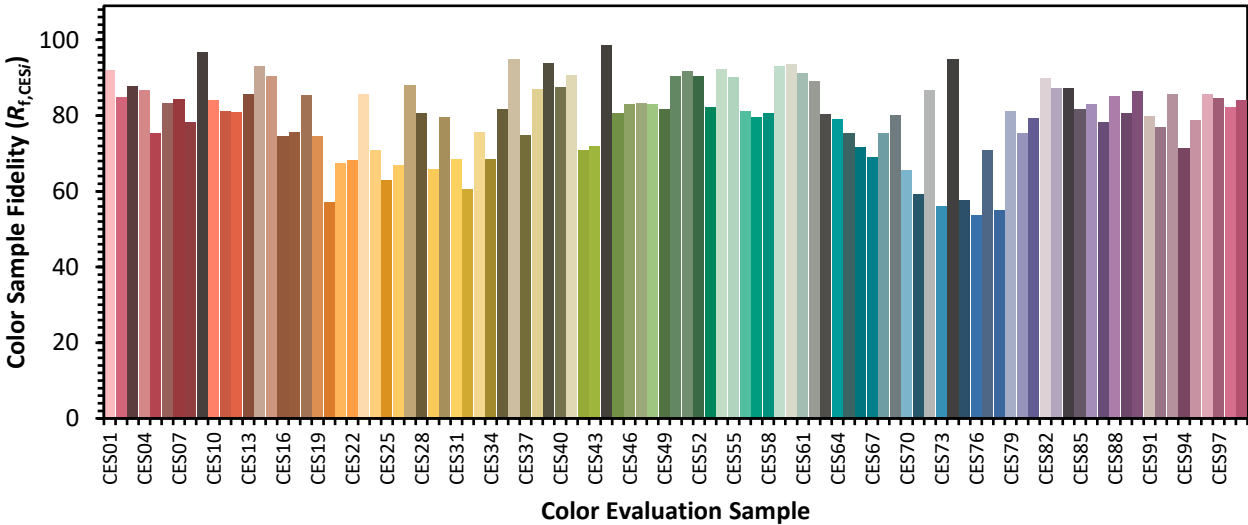


**Color Vector Graphics**

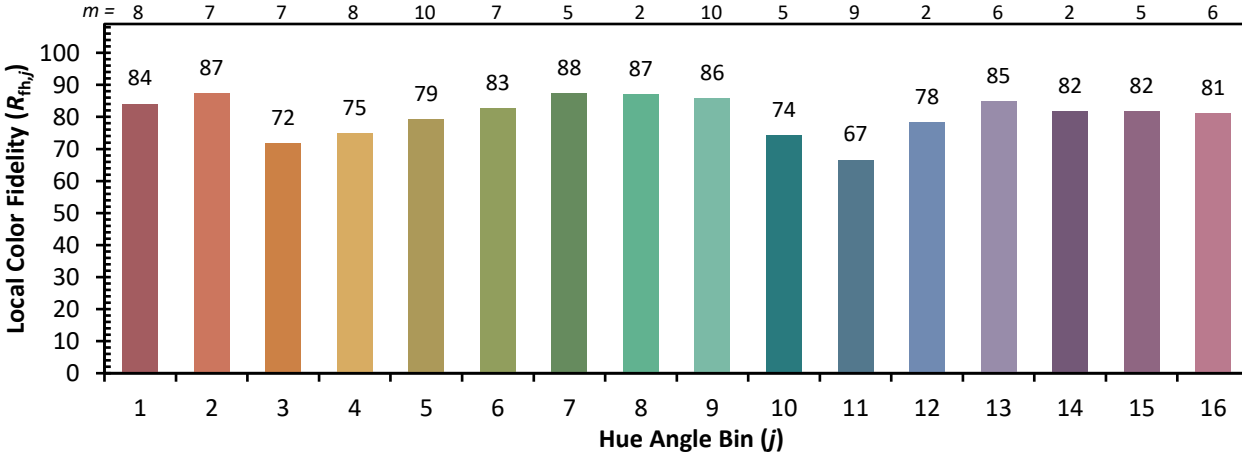


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

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)