

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: P1444395

Luminaire Tested: EHBR1-36-UNV-TA-L840-UPL30

Issue Date: 5/1/2026

**Test Information**

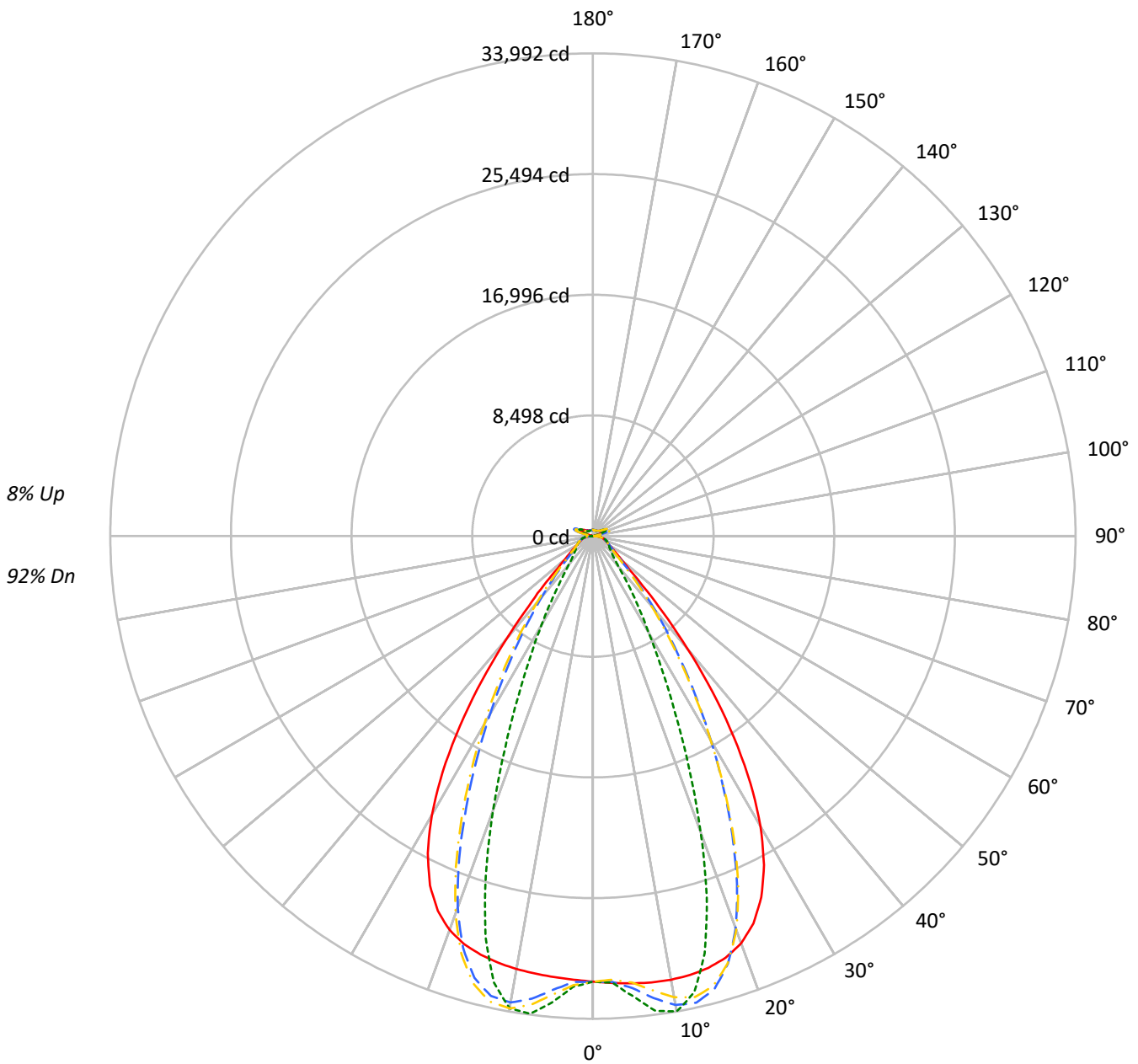
Test Method: LM-79-2019  
Report Number: P1444395  
REPORT IS A COMBINATION OF REPORTS P1444340 AND P1431635  
Test Lab: INNOVATION CENTER  
Issue Date: 5/1/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: EHBR1-36-UNV-TA-L840-UPL30  
Description: Elevate Round Highbay at, 36000 lumens, 4000K 80CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 39404.5 lumens  
Efficiency: N/A  
Efficacy: 184.7 lumens/watt  
Spacing Criteria (0/90/45): 1.13 / 0.77 / 0.88  
Luminous Opening: Vertical Cylinder (Dia: 1.71' x H: 0.1')  
CIE Type: Direct  
  
Input Watts (W): 213.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P1444395  
CATALOG NUMBER: EHBR1-36-UNV-TA-L840-UPL30

### 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	100	100	100	94	94	94	94	94	94	92
1	110	106	103	101	106	103	101	98	98	96	94	93	91	89	88	86	85	85	85	85	83
2	103	97	92	88	100	95	90	86	90	86	83	86	83	80	82	79	77	77	77	77	75
3	97	89	83	78	94	87	82	77	83	79	75	79	76	73	76	73	71	71	71	71	68
4	91	82	76	71	88	80	74	70	77	72	68	74	70	66	71	68	65	65	65	65	63
5	86	76	69	64	83	74	68	64	72	66	62	69	64	61	67	63	60	60	60	60	58
6	81	71	64	59	79	69	63	58	67	61	57	65	60	56	62	58	55	55	55	55	53
7	76	66	59	54	74	65	58	54	63	57	53	61	56	52	59	54	51	51	51	51	50
8	72	61	55	50	70	61	54	50	59	53	49	57	52	48	55	51	48	48	48	48	46
9	68	58	51	47	67	57	51	46	55	50	46	54	49	45	52	48	45	45	45	45	43
10	65	54	48	44	63	53	47	43	52	47	43	51	46	42	49	45	42	42	42	42	40

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	147350	147350	147350	147350
5°	148063	152381	145991	154377
10°	149299	159988	145719	158930
15°	150032	145028	145464	139189
20°	148481	108041	143621	99964
25°	140543	68330	135898	61997
30°	122774	41061	118019	37526
35°	94488	25766	89053	22824
40°	59772	16163	54686	15188
45°	30808	12592	30297	12385
50°	18062	11200	17509	11026
55°	13838	10596	13326	10501
60°	11709	10824	11210	10684
65°	10997	11303	10576	10919
70°	10744	11837	10209	11391
75°	11487	12553	10867	11997
80°	11888	13899	10780	12688
85°	11196	13413	9049	11484

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 25°  
 Vertical Angle: 45°  
 Luminance: 47147 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	3092.3	7.8
10°-20°	8698.9	22.1
20°-30°	9907.4	25.1
30°-40°	7121.0	18.1
40°-50°	3284.2	8.3
50°-60°	1571.6	4.0
60°-70°	1146.7	2.9
70°-80°	871.2	2.2
80°-90°	401.7	1.0
90°-100°	93.8	0.2
100°-110°	545.7	1.4
110°-120°	1008.3	2.6
120°-130°	615.2	1.6
130°-140°	393.4	1.0
140°-150°	290.1	0.7
150°-160°	201.0	0.5
160°-170°	120.7	0.3
170°-180°	41.2	0.1
0°-30°	21698.6	55.1
0°-40°	28819.6	73.1
0°-60°	33675.4	85.5
0°-90°	36095.0	91.6
90°-120°	1647.9	4.2
90°-150°	2946.5	7.5
90°-180°	3309.0	8.4
0°-180°	39404.5	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	31377	31377	31377	31377	31377	
5°	31614	32536	31171	32962	31614	3021
15°	31476	30426	30518	29201	31476	8868
25°	28066	13645	27139	12381	28066	12723
35°	17342	4729	16344	4189	17342	10643
45°	4985	2037	4902	2004	4985	4239
55°	1870	1432	1801	1419	1870	1726
65°	1148	1180	1104	1140	1148	1146
75°	809	884	766	845	809	842
85°	385	461	311	395	385	362
90°	109	137	35	42	109	67
95°	43	48	43	48	43	41
105°	196	253	131	254	196	260
115°	879	1067	921	1067	879	811
125°	659	693	746	694	659	600
135°	515	459	555	462	515	402
145°	455	443	485	448	455	288
155°	423	426	451	430	423	197
165°	420	420	436	423	420	119
175°	429	433	437	434	429	41
180°	434	434	434	434	434	



TEST NUMBER: P1444395  
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**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2
2.5°	31497.0	31494.4	31494.0	31491.8	31491.2	31491.2	31490.2	31487.6	31485.9	31482.4	31478.3
5°	31613.9	31612.5	31613.3	31613.6	31611.4	31606.4	31598.8	31589.4	31577.5	31566.4	31556.4
7.5°	31704.3	31706.4	31709.2	31708.6	31701.8	31690.3	31674.6	31665.7	31671.0	31688.0	31727.2
10°	31720.7	31734.3	31739.5	31737.9	31724.2	31714.3	31718.1	31751.3	31817.5	31905.8	32026.5
12.5°	31656.5	31673.0	31672.4	31667.0	31653.6	31667.2	31715.3	31814.3	31956.1	32130.2	32334.4
15°	31475.9	31497.2	31491.2	31484.1	31475.3	31519.5	31615.8	31787.6	32006.7	32252.2	32503.5
17.5°	31125.2	31151.1	31138.5	31130.5	31123.0	31206.0	31371.3	31623.0	31898.9	32176.6	32414.7
20°	30517.1	30534.4	30504.5	30490.5	30502.3	30665.0	30908.4	31229.8	31520.7	31783.2	31946.0
22.5°	29524.6	29546.0	29489.9	29483.4	29552.7	29802.6	30110.6	30469.9	30743.1	30951.3	31013.9
25°	28066.3	28087.4	28020.7	28060.6	28178.5	28518.9	28885.7	29270.0	29503.2	29657.3	29614.8
27.5°	26098.0	26117.4	26054.1	26135.5	26321.9	26769.2	27200.8	27617.6	27825.5	27933.6	27796.6
30°	23615.6	23655.8	23581.0	23694.6	23979.2	24559.8	25054.4	25521.8	25729.1	25811.2	25598.2
32.5°	20667.2	20724.4	20641.9	20811.0	21208.1	21905.5	22467.3	22989.7	23218.9	23312.7	23072.1
35°	17342.0	17423.8	17329.3	17583.0	18072.7	18849.3	19471.5	20054.7	20326.1	20459.2	20216.7
37.5°	13818.9	13897.0	13845.8	14184.3	14722.0	15527.0	16162.1	16791.2	17097.7	17297.4	17106.2
40°	10360.0	10431.4	10470.2	10857.2	11363.1	12121.8	12731.8	13354.2	13697.2	13947.7	13829.9
42.5°	7312.1	7384.2	7515.7	7889.3	8311.0	8939.1	9461.6	10020.5	10348.1	10615.4	10570.0
45°	4984.6	5068.1	5233.1	5538.9	5843.9	6294.5	6678.2	7112.8	7380.4	7625.3	7628.2
47.5°	3493.0	3551.7	3699.0	3907.9	4106.7	4670.8	4694.0	4907.6	5087.5	5270.5	5294.2
50°	2691.9	2727.3	2805.4	2921.9	3034.6	3181.0	3315.0	3469.7	3580.5	3680.8	3704.8
52.5°	2212.6	2235.0	2274.8	2337.9	2403.2	2482.8	2554.6	2639.6	2699.9	2753.6	2764.9
55°	1870.0	1888.6	1947.8	1959.8	2034.5	2049.0	2080.9	2132.6	2167.6	2199.8	2207.8
57.5°	1611.5	1625.0	1637.6	1664.4	1687.5	1721.0	1747.9	1785.0	1807.1	1830.3	1832.3
60°	1407.6	1417.3	1426.2	1444.9	1460.5	1483.8	1502.4	1527.6	1543.5	1560.9	1562.9
62.5°	1255.8	1262.8	1268.7	1281.0	1292.2	1310.1	1324.8	1345.9	1360.6	1374.2	1377.2
65°	1147.8	1153.0	1156.8	1166.1	1175.9	1191.1	1204.5	1221.7	1232.5	1242.9	1245.1
67.5°	1052.3	1057.1	1061.2	1069.6	1076.4	1087.7	1096.7	1109.6	1117.8	1126.0	1126.2
70°	942.7	947.2	950.3	958.2	963.7	973.5	980.6	992.3	1000.6	1009.8	1012.1
72.5°	866.9	869.6	873.7	880.9	888.4	898.9	908.5	920.6	930.8	940.3	944.3
75°	809.2	812.3	815.1	821.2	826.5	835.3	842.5	853.5	862.4	872.6	877.6
77.5°	726.0	729.6	731.9	738.1	742.6	751.1	756.4	766.3	773.5	782.9	787.4
80°	625.4	628.8	630.4	636.2	639.8	647.6	652.8	662.4	668.5	677.7	683.2
82.5°	513.9	517.1	518.0	523.6	525.5	531.9	535.8	545.5	552.9	565.0	573.4
85°	384.8	385.9	387.9	386.4	394.2	394.7	403.5	405.1	416.8	419.8	433.1
87.5°	235.3	238.7	240.4	245.8	248.1	253.5	255.2	260.8	264.0	270.5	273.5
90°	109.3	115.3	117.8	124.8	127.1	133.5	135.4	142.5	144.9	152.1	155.9
92.5°	37.7	40.2	42.6	45.3	47.8	51.0	53.9	56.5	59.1	62.2	67.2
95°	43.0	45.8	48.6	51.6	54.4	57.2	60.0	63.0	65.8	68.6	76.9
97.5°	53.9	56.4	58.8	61.3	63.8	66.3	68.7	71.2	73.7	76.1	86.0
100°	70.1	72.2	74.3	76.4	78.5	80.5	82.6	84.8	86.8	88.9	107.3
102.5°	115.8	123.2	130.7	138.0	145.5	152.8	160.3	167.6	175.1	182.4	221.3
105°	196.0	216.1	236.3	256.4	276.5	296.6	316.7	336.6	356.7	376.8	440.2
107.5°	334.6	371.7	408.9	446.2	483.4	520.5	557.8	594.9	631.9	669.0	733.3
110°	617.5	647.3	677.3	707.2	737.2	767.1	797.1	826.7	856.7	886.5	933.5



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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°	832.5	846.0	859.6	873.2	886.7	900.0	913.5	927.1	940.6	953.9	987.5
115°	878.7	883.5	888.3	892.9	897.7	902.2	907.0	911.6	916.3	920.8	943.5
117.5°	853.8	852.9	852.2	851.3	850.4	849.4	848.6	847.5	846.6	845.4	858.3
120°	797.0	792.7	788.7	784.3	780.2	775.8	771.7	767.2	763.0	758.5	763.9
122.5°	725.1	720.1	715.3	709.9	705.0	699.7	694.7	689.1	684.1	678.9	680.9
125°	658.7	653.6	648.8	643.5	638.3	632.9	627.8	622.5	617.2	611.7	612.7
127.5°	601.3	597.7	594.3	590.3	586.6	582.8	578.9	574.8	571.1	567.0	567.2
130°	564.4	561.3	558.0	554.5	551.2	547.6	544.1	540.3	536.8	533.1	533.5
132.5°	534.5	532.3	530.0	527.5	525.0	522.2	519.6	516.7	514.0	511.3	511.8
135°	514.9	512.8	510.8	508.4	506.1	503.3	500.8	498.0	495.5	492.7	493.5
137.5°	498.4	496.5	494.6	492.3	490.2	487.5	485.3	482.7	480.3	477.7	478.4
140°	483.3	481.6	479.8	477.7	475.7	473.6	471.3	469.0	466.7	464.2	465.2
142.5°	466.3	464.7	463.4	461.7	460.2	458.2	456.5	454.4	452.6	450.5	451.9
145°	455.4	454.2	453.0	451.6	450.1	448.4	446.9	445.0	443.6	441.8	443.2
147.5°	445.7	444.7	443.9	442.6	441.6	440.0	438.7	437.2	435.9	434.5	436.0
150°	437.4	436.5	435.6	434.6	433.4	432.1	430.7	429.5	428.2	426.7	428.2
152.5°	428.4	427.4	426.6	425.6	424.6	423.1	422.1	420.8	419.5	418.2	419.5
155°	423.4	422.5	421.5	420.6	419.4	418.2	417.0	415.9	414.8	413.5	414.5
157.5°	420.6	419.6	418.9	417.9	417.2	416.3	415.4	414.4	413.5	412.6	413.3
160°	419.7	418.9	418.2	417.3	416.4	415.5	414.7	413.7	413.0	412.0	412.5
162.5°	419.1	418.2	417.4	416.6	415.8	414.9	414.1	413.3	412.5	411.5	412.3
165°	420.0	419.5	418.9	418.4	417.8	417.2	416.6	415.9	415.4	414.7	415.1
167.5°	424.3	423.6	423.0	422.2	421.5	420.9	420.0	419.3	418.7	417.8	418.3
170°	426.1	425.5	425.2	424.8	424.4	423.9	423.6	423.1	422.6	422.2	422.6
172.5°	428.6	428.2	427.9	427.7	427.2	427.0	426.7	426.3	426.1	425.6	426.3
175°	428.9	428.5	428.4	428.2	428.0	427.7	427.6	427.4	427.4	427.0	427.4
177.5°	432.0	431.8	431.8	431.7	431.7	431.5	431.4	431.2	431.1	431.1	431.3
180°	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5



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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°	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2
2.5°	31475.3	31471.4	31466.2	31459.6	31453.9	31447.3	31431.6	31426.9	31432.2	31435.6	31442.9
5°	31550.0	31552.2	31553.0	31567.4	31579.7	31610.6	31851.9	31947.9	32022.0	32069.1	32140.7
7.5°	31775.5	31848.1	31919.8	32016.4	32099.6	32212.1	32634.4	32814.2	32942.0	33033.9	33147.0
10°	32157.6	32316.1	32464.6	32638.5	32788.1	32959.4	33352.5	33527.7	33638.2	33718.7	33793.8
12.5°	32542.6	32762.2	32960.7	33154.3	33316.3	33464.7	33603.0	33664.3	33669.5	33672.0	33632.2
15°	32743.1	32953.0	33128.0	33256.0	33351.1	33393.3	33155.1	33030.3	32872.5	32742.5	32528.6
17.5°	32616.5	32742.5	32818.0	32810.6	32771.3	32639.6	31965.4	31594.6	31226.4	30894.7	30459.6
20°	32054.0	32044.4	31978.6	31792.5	31568.2	31219.4	30063.5	29396.5	28751.8	28185.4	27498.4
22.5°	31007.6	30842.9	30613.4	30212.0	29766.0	29156.5	27500.0	26519.0	25621.3	24828.4	23940.0
25°	29491.3	29152.5	28729.2	28091.9	27398.8	26510.0	24468.2	23248.1	22170.4	21235.6	20210.7
27.5°	27550.8	27040.5	26420.1	25538.0	24599.1	23460.3	21196.8	19850.2	18693.2	17691.0	16600.2
30°	25253.5	24589.8	23788.6	22693.8	21561.3	20269.7	17973.9	16610.1	15439.0	14408.0	13316.3
32.5°	22657.2	21880.0	20941.0	19712.3	18487.6	17159.6	14942.5	13622.2	12503.5	11511.8	10523.7
35°	19793.8	18960.2	17966.9	16713.7	15496.2	14205.1	12170.8	10980.3	9992.4	9115.8	8317.9
37.5°	16722.2	15903.7	14959.5	13778.4	12649.5	11479.5	9724.1	8726.6	7897.6	7170.1	6554.0
40°	13528.6	12812.3	11995.4	10974.3	10010.8	9036.5	7595.6	6803.8	6149.6	5594.6	5132.9
42.5°	10374.0	9819.0	9192.5	8385.6	7648.3	6906.4	5797.4	5210.7	4726.2	4326.7	4000.3
45°	7526.7	7155.4	6735.3	6174.3	5664.1	5146.6	4357.3	3945.1	3629.5	3371.9	3154.0
47.5°	5261.5	5046.2	5033.0	4514.7	4140.5	3824.1	3315.6	3055.3	2861.8	2705.7	2567.9
50°	3695.1	3590.8	3461.4	3276.4	3102.8	2923.9	2614.1	2456.7	2343.4	2248.9	2161.7
52.5°	2762.3	2708.3	2639.2	2541.1	2447.0	2346.4	2150.4	2050.2	2014.6	1926.5	1857.5
55°	2206.3	2175.3	2136.1	2078.4	2021.2	1998.3	1830.2	1755.9	1708.7	1673.9	1636.9
57.5°	1832.6	1809.5	1786.3	1747.2	1714.1	1673.9	1584.7	1546.6	1518.6	1498.2	1472.4
60°	1563.2	1549.4	1536.4	1513.5	1495.5	1473.9	1417.3	1395.7	1381.1	1368.8	1352.5
62.5°	1379.7	1372.6	1365.9	1353.7	1344.6	1332.9	1294.1	1283.9	1276.5	1270.3	1260.3
65°	1247.3	1242.2	1238.4	1230.3	1225.8	1219.0	1185.7	1178.7	1174.2	1172.0	1166.1
67.5°	1127.0	1121.6	1119.2	1113.3	1111.5	1107.2	1079.9	1076.1	1074.6	1075.3	1073.2
70°	1014.3	1012.1	1013.3	1012.4	1015.0	1015.8	999.2	999.1	1000.9	1004.4	1004.8
72.5°	946.9	946.9	948.2	948.8	951.2	952.4	938.7	938.0	938.8	941.4	941.5
75°	882.8	883.8	887.3	888.4	891.4	892.0	873.8	871.7	871.8	874.3	873.4
77.5°	793.9	797.7	804.4	807.8	813.5	814.5	794.1	791.7	791.8	794.3	792.2
80°	693.1	700.4	710.9	718.3	726.9	730.4	709.4	704.5	699.8	699.1	694.9
82.5°	585.9	594.9	607.6	614.3	623.5	625.5	590.5	583.9	580.0	580.3	576.4
85°	447.4	454.2	465.7	469.3	475.0	474.5	434.6	417.4	422.0	414.9	420.5
87.5°	280.6	284.5	291.8	292.7	295.3	294.8	254.6	246.6	244.3	244.5	241.6
90°	164.1	168.5	176.4	178.2	184.0	185.3	154.3	152.3	148.0	148.0	142.6
92.5°	72.6	77.6	82.8	87.9	93.2	98.4	99.8	103.8	98.9	93.2	88.5
95°	85.3	93.5	101.9	110.3	118.7	126.9	135.3	143.7	135.9	128.0	120.3
97.5°	95.9	105.7	115.5	125.3	135.2	145.1	155.0	164.9	156.5	147.8	139.4
100°	125.6	144.1	162.4	180.8	199.2	217.6	236.0	254.5	238.3	221.9	205.7
102.5°	260.3	299.4	338.4	377.5	416.5	455.6	494.8	534.0	496.8	459.5	422.4
105°	503.6	566.9	630.2	693.3	756.6	819.9	883.6	946.9	887.6	828.2	768.9
107.5°	797.5	861.9	925.9	990.0	1054.3	1118.6	1183.3	1247.5	1189.6	1131.4	1073.6
110°	980.3	1027.2	1074.1	1120.7	1167.5	1214.3	1262.0	1308.9	1274.0	1239.2	1204.3



TEST NUMBER: P1444395  
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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	1020.8	1054.4	1087.8	1121.3	1154.6	1188.1	1222.6	1256.3	1238.7	1221.0	1203.7
115°	966.0	988.6	1011.1	1033.6	1056.1	1078.5	1102.3	1125.2	1119.5	1113.7	1108.2
117.5°	870.8	883.3	895.9	908.4	920.8	933.3	947.7	960.4	961.2	962.1	963.1
120°	769.2	774.5	779.7	785.0	790.0	795.2	802.5	808.0	812.6	817.1	821.7
122.5°	682.9	684.8	686.7	688.6	690.6	692.4	696.6	698.9	702.0	705.2	708.3
125°	613.6	614.5	615.4	616.2	616.9	617.8	621.3	622.7	622.8	622.8	622.9
127.5°	567.3	567.4	567.4	567.5	567.4	567.5	570.3	570.9	568.8	566.7	564.5
130°	533.8	534.2	534.5	535.0	535.3	535.7	539.0	540.0	536.5	532.7	529.0
132.5°	512.2	512.8	513.2	513.9	514.3	514.8	518.5	519.7	515.7	511.4	507.2
135°	494.1	494.8	495.5	496.2	496.8	497.7	501.9	503.4	499.6	495.3	491.4
137.5°	479.0	479.7	480.4	481.3	482.0	482.7	487.3	489.0	485.8	482.4	479.3
140°	466.2	467.0	467.9	469.0	469.9	471.0	475.9	477.9	475.4	472.8	470.2
142.5°	452.9	454.5	455.9	457.4	458.8	460.4	466.2	468.6	466.8	464.6	462.8
145°	444.7	446.4	448.0	449.7	451.4	453.2	459.7	462.5	461.3	460.0	458.7
147.5°	437.0	438.6	440.1	441.6	443.3	445.3	451.9	454.7	454.0	453.1	452.3
150°	429.5	431.1	432.6	434.3	436.1	437.9	445.4	448.5	447.8	447.2	446.4
152.5°	420.8	422.2	423.6	425.0	426.5	428.3	437.1	440.3	439.8	439.0	438.4
155°	415.5	416.5	417.5	418.8	419.9	421.4	430.8	433.9	433.6	433.2	432.8
157.5°	413.9	414.6	415.2	416.0	416.9	417.8	427.5	430.6	430.2	429.8	429.5
160°	413.0	413.6	414.0	414.6	415.1	415.9	425.8	428.7	428.4	428.0	427.6
162.5°	412.9	413.8	414.4	415.3	416.0	416.9	427.0	430.2	429.6	429.0	428.5
165°	415.5	415.9	416.3	416.8	417.3	417.8	427.2	429.8	429.6	429.2	428.8
167.5°	418.7	419.2	419.7	420.2	420.8	421.5	430.2	432.9	432.6	432.2	431.9
170°	422.9	423.4	423.7	424.2	424.7	425.4	432.7	434.8	434.5	433.9	433.4
172.5°	426.7	427.4	427.8	428.4	428.9	429.6	435.8	437.8	437.5	437.1	436.5
175°	427.8	428.2	428.7	429.2	429.6	430.1	435.0	436.5	436.4	436.2	435.9
177.5°	431.8	432.0	432.4	432.8	433.2	433.5	436.5	437.4	437.3	437.3	437.2
180°	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5



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**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2
2.5°	31444.5	31455.5	31457.2	31470.0	31469.0	31484.3	31481.9	31494.4	31487.2	31497.4	31488.8
5°	32183.0	32250.0	32285.0	32350.4	32371.0	32429.6	32446.0	32499.4	32501.6	32544.0	32534.3
7.5°	33227.2	33325.9	33384.5	33465.3	33506.3	33573.6	33603.2	33653.0	33669.0	33708.6	33711.6
10°	33850.6	33898.6	33932.1	33954.7	33975.2	33984.8	33996.1	33993.1	33996.1	33991.7	34001.4
12.5°	33605.5	33535.4	33489.1	33401.4	33350.7	33253.8	33206.2	33113.1	33079.3	32999.2	32987.7
15°	32363.4	32119.4	31947.1	31696.3	31538.8	31292.1	31147.8	30925.3	30823.7	30646.9	30600.4
17.5°	30099.5	29646.6	29296.2	28846.6	28534.6	28114.5	27850.2	27502.4	27311.9	27031.5	26934.3
20°	26925.7	26255.6	25729.9	25103.6	24655.5	24097.0	23739.7	23288.7	23027.0	22682.5	22542.9
22.5°	23199.4	22365.2	21708.6	20968.8	20428.1	19805.9	19377.5	18889.7	18605.0	18230.7	18065.0
25°	19358.9	18438.9	17709.0	16929.5	16358.1	15734.3	15306.0	14826.8	14532.1	14176.9	14012.2
27.5°	15685.6	14754.4	14049.0	13324.3	12800.2	12237.4	11850.8	11432.5	11170.9	10867.6	10712.8
30°	12444.1	11622.8	11022.5	10421.1	9985.2	9528.0	9206.8	8860.0	8630.6	8371.0	8223.3
32.5°	9803.2	9169.2	8699.1	8221.8	7865.1	7483.0	7205.5	6899.5	6692.5	6460.6	6326.9
35°	7764.1	7271.4	6896.4	6503.6	6197.1	5871.7	5627.2	5363.0	5177.3	4977.6	4862.2
37.5°	6134.4	5742.6	5434.1	5107.8	4856.0	4586.5	4495.7	4192.6	4000.1	3840.8	3730.4
40°	4814.3	4502.8	4247.5	3998.0	3792.6	3588.2	3424.0	3262.2	3137.9	3024.0	2945.1
42.5°	3759.5	3533.8	3347.5	3164.6	3014.9	2865.9	2747.1	2635.5	2551.8	2477.3	2426.4
45°	2988.7	2833.5	2703.9	2575.2	2469.5	2370.0	2290.0	2218.9	2164.8	2120.0	2088.3
47.5°	2455.3	2349.1	2257.6	2170.8	2099.0	2033.8	1980.3	1962.8	1904.7	1865.4	1850.6
50°	2086.6	2022.4	1953.0	1888.9	1841.0	1793.4	1758.6	1724.6	1702.8	1684.7	1679.3
52.5°	1811.6	1762.4	1723.9	1683.2	1651.6	1617.6	1593.7	1571.0	1559.1	1549.6	1548.5
55°	1606.9	1572.6	1547.1	1519.9	1500.9	1481.0	1468.6	1456.6	1451.3	1446.6	1447.0
57.5°	1452.2	1429.2	1412.7	1394.9	1384.8	1375.2	1372.0	1369.0	1370.7	1371.3	1374.1
60°	1339.4	1324.5	1314.0	1303.9	1299.6	1296.6	1298.9	1301.6	1307.1	1311.5	1315.4
62.5°	1253.0	1244.5	1239.4	1233.9	1233.5	1233.7	1238.3	1242.9	1249.7	1254.9	1258.7
65°	1164.1	1159.1	1157.5	1154.0	1155.8	1156.8	1162.4	1165.9	1172.8	1176.8	1181.7
67.5°	1074.2	1073.0	1074.1	1074.1	1077.2	1079.8	1085.2	1089.1	1095.0	1098.7	1102.6
70°	1007.8	1008.2	1010.6	1011.1	1014.4	1016.4	1021.0	1023.5	1028.8	1031.9	1036.7
72.5°	943.2	942.2	942.7	941.2	942.4	941.9	944.5	945.7	950.2	952.6	958.4
75°	874.5	871.6	870.9	867.7	867.8	865.6	866.7	866.5	869.5	870.7	874.8
77.5°	791.5	786.6	784.2	779.0	778.8	776.9	779.0	780.3	785.4	787.8	792.6
80°	692.2	684.5	681.0	674.9	675.9	675.6	680.8	684.6	690.9	692.1	698.0
82.5°	575.2	567.5	563.7	557.9	559.2	559.4	564.0	564.8	570.3	572.6	579.6
85°	411.9	414.9	406.6	407.2	405.5	408.7	411.9	415.8	420.3	427.9	433.8
87.5°	242.6	241.6	244.5	244.8	249.0	251.1	257.9	261.7	269.3	275.3	286.0
90°	141.2	135.9	136.6	133.8	136.3	133.7	136.1	133.1	136.4	135.6	140.4
92.5°	82.6	77.7	71.9	67.0	61.3	56.5	53.6	51.5	48.6	46.6	43.7
95°	112.5	104.6	96.9	89.1	81.3	73.6	70.7	67.9	65.0	62.2	59.3
97.5°	131.1	122.8	114.4	105.9	97.6	89.2	87.3	85.4	83.5	81.6	79.7
100°	189.5	173.3	157.2	141.0	124.8	108.7	107.2	105.6	104.1	102.6	101.0
102.5°	385.3	348.2	311.2	274.0	237.0	199.9	193.4	187.0	180.5	174.1	167.6
105°	709.3	649.9	590.6	531.2	471.9	412.6	394.9	377.0	359.3	341.6	323.9
107.5°	1015.7	957.5	899.7	841.9	784.0	726.2	698.1	670.2	642.0	614.1	586.1
110°	1169.2	1134.5	1099.8	1064.8	1030.2	995.5	968.6	942.1	915.2	888.5	861.9



TEST NUMBER: P1444395  
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**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	1186.1	1168.7	1151.1	1133.8	1116.5	1099.0	1086.0	1073.0	1060.0	1046.9	1033.7
115°	1102.5	1096.9	1091.2	1085.9	1080.4	1074.8	1073.8	1072.9	1071.8	1071.0	1070.0
117.5°	963.9	964.8	965.6	966.6	967.7	968.7	975.7	982.4	989.4	996.5	1003.7
120°	826.3	830.8	835.4	840.2	844.7	849.5	858.6	867.9	877.1	886.7	896.2
122.5°	711.4	714.6	717.6	720.8	724.1	727.3	736.4	745.6	754.6	764.0	773.5
125°	622.8	622.7	622.8	622.7	622.8	623.0	630.3	637.8	645.4	653.2	660.8
127.5°	562.3	560.0	557.9	555.8	553.4	551.5	555.8	560.2	564.5	569.1	573.5
130°	525.3	521.6	517.6	514.1	510.0	506.5	508.0	509.6	511.3	513.1	514.9
132.5°	502.8	498.5	494.1	489.8	485.3	481.1	480.8	480.6	480.4	480.4	480.5
135°	487.2	483.1	478.9	474.7	470.5	466.6	465.2	464.0	462.9	461.8	460.9
137.5°	475.9	472.7	469.3	466.1	462.5	459.3	457.4	456.1	454.4	453.1	451.7
140°	467.4	464.9	462.1	459.4	456.7	454.2	452.5	451.3	450.0	448.9	447.7
142.5°	460.6	458.6	456.6	454.7	452.5	450.6	449.1	447.9	446.7	445.6	444.4
145°	457.3	456.1	454.7	453.2	451.9	450.6	449.3	448.4	447.4	446.5	445.9
147.5°	451.4	450.6	449.7	448.8	447.8	446.9	446.1	445.7	444.7	444.3	443.6
150°	445.5	444.8	443.9	443.3	442.2	441.4	440.9	440.5	440.0	439.9	439.3
152.5°	437.6	437.0	436.2	435.6	434.7	433.9	433.5	433.3	432.9	432.6	432.0
155°	432.2	431.7	431.1	430.6	429.9	429.6	429.0	428.4	428.0	427.5	426.9
157.5°	429.0	428.6	428.0	427.6	426.9	426.5	426.0	425.6	425.0	424.6	424.1
160°	427.2	426.8	426.3	425.8	425.3	424.9	424.1	423.6	422.8	422.2	421.6
162.5°	427.8	427.3	426.7	426.1	425.3	424.7	424.2	423.7	423.2	422.8	422.2
165°	428.3	427.9	427.4	427.0	426.6	426.2	425.4	424.8	424.1	423.5	422.8
167.5°	431.4	431.0	430.6	430.2	429.6	429.2	428.6	428.0	427.3	426.7	426.0
170°	433.0	432.4	432.0	431.2	430.7	430.0	429.5	428.8	428.2	427.7	427.1
172.5°	436.1	435.9	435.4	434.9	434.3	433.8	433.4	432.9	432.3	431.8	431.3
175°	435.8	435.7	435.6	435.2	435.1	434.9	434.7	434.6	434.3	434.2	433.9
177.5°	437.2	437.1	437.1	436.9	436.7	436.7	436.4	436.2	435.9	435.6	435.5
180°	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5



TEST NUMBER: P1444395  
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**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2
2.5°	31497.9	31489.8	31493.6	31478.9	31482.4	31464.6	31462.9	31442.9	31440.8	31421.9	31414.8
5°	32564.3	32546.7	32566.5	32535.7	32541.8	32501.6	32498.3	32446.4	32428.5	32363.6	32335.6
7.5°	33736.4	33729.8	33741.9	33716.0	33715.2	33679.4	33664.6	33618.1	33589.3	33521.1	33477.6
10°	33993.1	33999.2	33989.3	33991.7	33977.8	33973.9	33959.6	33950.5	33927.2	33909.6	33883.4
12.5°	32926.9	32933.3	32892.6	32918.4	32898.0	32945.7	32941.7	32997.8	33006.4	33077.3	33104.3
15°	30462.6	30454.9	30377.0	30426.1	30399.8	30504.2	30527.5	30668.1	30743.1	30923.5	31034.3
17.5°	26740.0	26719.9	26610.1	26669.9	26639.5	26793.4	26845.1	27069.8	27209.9	27500.5	27707.5
20°	22302.5	22264.0	22135.4	22205.6	22174.2	22349.0	22422.8	22694.3	22875.0	23260.0	23533.8
22.5°	17809.9	17749.0	17623.1	17688.6	17658.9	17840.1	17936.1	18208.5	18415.5	18810.7	19130.3
25°	13775.5	13721.3	13599.6	13645.4	13634.3	13787.6	13872.9	14130.6	14334.1	14710.5	15015.6
27.5°	10506.9	10450.5	10340.5	10372.9	10361.8	10492.4	10572.8	10788.1	10963.1	11280.0	11547.9
30°	8041.5	7973.5	7880.2	7898.1	7890.5	7996.2	8071.4	8252.7	8402.6	8670.5	8901.3
32.5°	6163.8	6095.5	6009.7	6018.1	6006.8	6089.8	6151.7	6309.4	6440.1	6667.8	6868.8
35°	4716.2	4796.1	4613.0	4729.0	4608.2	4785.5	4721.7	4820.2	4932.7	5124.5	5292.1
37.5°	3625.6	3569.9	3522.8	3517.8	3517.6	3558.6	3607.1	3702.0	3801.1	3944.0	4091.7
40°	2873.1	2834.1	2803.6	2801.4	2803.6	2832.8	2868.6	2934.2	3006.7	3109.4	3217.9
42.5°	2383.0	2357.0	2338.7	2337.3	2343.2	2363.9	2388.8	2427.8	2475.0	2541.5	2615.9
45°	2062.5	2048.1	2037.8	2037.3	2039.9	2050.7	2065.0	2089.3	2119.2	2160.8	2207.8
47.5°	1837.6	1834.1	1827.7	1827.9	1825.0	1829.4	1831.0	1844.7	1860.6	1891.9	1953.4
50°	1673.8	1673.8	1669.4	1669.2	1665.1	1664.7	1661.3	1666.7	1674.0	1693.5	1713.2
52.5°	1544.4	1544.0	1539.2	1538.2	1533.8	1533.6	1530.6	1532.7	1533.7	1543.5	1555.3
55°	1443.3	1440.2	1433.9	1432.0	1430.3	1432.8	1431.6	1431.8	1430.5	1434.5	1438.0
57.5°	1370.7	1366.7	1360.8	1359.0	1358.6	1361.6	1361.7	1360.6	1355.2	1351.5	1346.3
60°	1313.2	1309.3	1302.9	1301.2	1302.2	1306.4	1306.2	1302.6	1294.5	1287.4	1279.2
62.5°	1256.8	1255.2	1252.0	1251.5	1250.7	1251.4	1248.4	1244.7	1236.7	1229.2	1220.2
65°	1181.1	1181.9	1179.5	1179.8	1176.9	1176.5	1172.1	1168.4	1160.4	1153.5	1144.3
67.5°	1102.5	1103.1	1101.1	1101.1	1099.6	1099.8	1097.2	1093.8	1086.9	1081.3	1074.3
70°	1037.8	1039.4	1038.3	1038.6	1036.7	1036.0	1031.8	1028.6	1021.5	1016.8	1010.4
72.5°	960.2	963.7	963.6	964.4	961.6	960.2	955.2	951.1	944.7	941.0	935.8
75°	876.4	881.0	882.3	884.3	880.3	878.2	872.8	869.5	864.2	862.0	858.7
77.5°	794.7	799.7	804.5	808.9	802.5	796.8	789.9	784.7	777.2	774.4	769.2
80°	703.0	711.7	722.3	731.2	719.7	708.1	696.8	688.4	678.6	674.5	668.0
82.5°	583.2	592.3	598.3	604.0	596.0	587.4	576.5	569.2	558.5	554.5	547.0
85°	443.1	454.4	458.0	461.0	455.9	451.3	441.0	427.2	420.5	410.0	404.4
87.5°	291.4	298.2	299.5	300.5	297.4	295.1	288.5	282.0	270.5	262.1	251.8
90°	138.4	141.3	137.0	137.1	134.6	136.5	131.4	130.8	122.9	120.9	114.0
92.5°	41.5	38.6	36.2	33.7	36.7	38.7	41.7	43.7	46.5	48.6	51.5
95°	56.5	53.6	50.8	47.9	50.2	52.5	54.8	57.0	59.3	61.5	63.9
97.5°	77.8	76.0	74.1	72.1	73.5	74.8	76.1	77.4	78.8	80.1	81.5
100°	99.5	98.0	96.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
102.5°	161.1	154.7	148.2	141.8	146.1	150.4	154.9	159.2	163.6	167.9	172.4
105°	306.2	288.6	270.9	253.3	270.3	287.5	304.5	321.7	338.7	356.2	373.2
107.5°	558.1	530.2	502.3	474.3	505.6	536.8	567.9	599.0	630.2	661.4	692.8
110°	835.4	808.7	782.2	755.5	788.6	821.6	854.7	887.7	920.9	953.9	987.3



TEST NUMBER: P1444395  
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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°	1020.8	1007.9	995.0	982.1	1003.3	1024.6	1045.8	1067.4	1088.7	1110.1	1131.3
115°	1069.2	1068.4	1067.7	1066.9	1077.0	1087.1	1097.1	1107.3	1117.5	1127.6	1137.7
117.5°	1010.5	1017.7	1024.8	1032.1	1035.3	1038.6	1041.9	1045.1	1048.7	1052.0	1055.4
120°	905.8	915.1	924.7	934.4	933.1	931.8	930.6	929.3	928.3	927.1	926.2
122.5°	783.0	792.5	802.2	811.7	808.9	806.0	803.3	800.5	797.9	795.4	792.9
125°	668.9	676.6	684.7	692.8	690.0	687.0	684.3	681.8	679.2	676.5	674.3
127.5°	578.5	583.3	588.1	593.2	591.9	590.6	589.5	588.2	587.3	586.5	585.6
130°	516.9	518.9	521.4	523.5	523.9	524.3	524.9	525.6	526.4	527.2	528.2
132.5°	480.8	481.1	481.5	482.0	483.5	485.0	486.8	488.7	490.7	492.6	495.0
135°	460.3	459.6	459.1	458.6	460.9	463.0	465.7	468.1	471.0	473.7	476.8
137.5°	450.6	449.4	448.7	447.7	450.0	452.2	454.8	457.3	460.0	462.9	466.1
140°	446.7	445.8	445.2	444.4	446.7	448.7	451.3	453.7	456.6	459.3	462.3
142.5°	443.6	442.5	441.8	441.2	443.2	445.3	447.6	449.8	452.4	454.9	457.6
145°	445.1	444.3	443.9	443.3	444.7	446.2	447.8	449.6	451.5	453.3	455.5
147.5°	443.1	442.6	442.3	442.0	443.2	444.2	445.5	446.6	448.0	449.4	451.0
150°	439.3	438.9	438.7	438.7	439.4	440.0	440.9	441.5	442.5	443.4	444.7
152.5°	432.0	431.5	431.7	431.5	432.1	432.7	433.5	434.1	435.0	435.7	436.9
155°	426.7	426.3	426.0	425.7	425.8	426.0	426.3	426.5	427.0	427.3	427.7
157.5°	423.8	423.4	423.1	422.7	422.7	422.5	422.6	422.6	422.7	422.5	422.7
160°	421.1	420.2	419.7	419.2	419.3	419.3	419.4	419.4	419.7	419.8	420.0
162.5°	421.8	421.4	421.0	420.6	420.2	419.8	419.6	419.1	418.9	418.6	418.5
165°	422.2	421.5	421.0	420.1	420.1	419.9	419.8	419.6	419.5	419.3	419.4
167.5°	425.5	424.8	424.2	423.6	423.1	422.5	422.2	421.6	421.3	420.8	420.6
170°	426.6	426.0	425.5	425.0	424.8	424.4	424.3	424.0	423.8	423.7	423.7
172.5°	430.9	430.4	429.9	429.5	429.3	429.0	428.9	428.8	428.6	428.6	428.5
175°	433.7	433.5	433.4	433.2	432.9	432.7	432.3	432.1	432.0	431.7	431.4
177.5°	435.1	434.7	434.5	434.3	434.2	434.2	434.2	434.2	434.2	434.1	434.0
180°	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5



TEST NUMBER: P1444395  
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**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2
2.5°	31394.4	31386.2	31364.5	31353.8	31333.7	31323.5	31307.9	31297.7	31285.1	31275.6	31270.7
5°	32264.3	32224.1	32143.7	32094.2	32007.3	31950.1	31863.8	31800.6	31711.5	31645.8	31561.5
7.5°	33396.0	33334.3	33231.3	33153.2	33031.6	32938.8	32802.4	32693.3	32542.6	32417.5	32263.5
10°	33856.7	33820.8	33774.6	33724.3	33656.9	33590.9	33497.8	33402.8	33276.3	33150.5	32986.1
12.5°	33175.7	33209.6	33276.3	33307.5	33358.5	33375.9	33399.2	33388.3	33367.6	33316.3	33241.7
15°	31247.1	31388.4	31611.7	31766.1	31982.6	32134.5	32335.6	32465.0	32614.1	32703.2	32787.9
17.5°	28074.6	28347.9	28741.9	29056.2	29478.1	29821.2	30241.5	30571.9	30953.2	31245.7	31557.2
20°	24011.1	24393.7	24937.6	25399.5	26010.9	26529.4	27193.7	27750.1	28399.2	28940.3	29524.3
22.5°	19637.6	20087.7	20710.9	21268.0	21998.2	22650.3	23482.7	24218.3	25095.8	25882.0	26751.6
25°	15511.7	15952.9	16587.7	17164.6	17952.8	18671.2	19580.5	20424.5	21442.9	22392.4	23482.7
27.5°	11973.5	12365.4	12923.5	13442.7	14164.6	14869.9	15792.7	16692.7	17779.3	18799.8	19974.7
30°	9247.0	9564.9	10012.0	10429.7	11009.3	11586.0	12408.0	13240.4	14321.6	15379.1	16583.6
32.5°	7166.1	7437.1	7810.5	8149.5	8596.1	9031.0	9636.3	10301.5	11249.8	12262.9	13427.5
35°	5547.4	5779.2	6097.0	6389.1	6756.3	7101.5	7553.2	8028.0	8751.8	9603.9	10646.2
37.5°	4422.6	4517.2	4743.9	4983.2	5288.3	5572.0	5925.4	6276.4	6794.2	7466.5	8317.9
40°	3363.4	3513.5	3698.1	3886.6	4117.5	4345.1	4732.7	4919.3	5260.2	5742.8	6403.7
42.5°	2713.8	2819.3	2949.3	3080.4	3241.3	3399.8	3595.9	3795.5	4050.4	4377.2	4847.3
45°	2271.0	2339.8	2423.5	2510.9	2616.5	2724.7	2856.0	2993.1	3165.8	3366.7	3652.3
47.5°	1975.1	2013.2	2067.8	2127.5	2199.9	2274.8	2360.2	2447.5	2554.8	2674.1	2836.6
50°	1744.2	1775.9	1818.4	1858.3	1908.3	1985.0	2018.9	2067.1	2131.7	2201.7	2292.8
52.5°	1577.1	1598.3	1624.9	1647.8	1679.4	1708.1	1745.9	1779.1	1823.8	1865.8	1924.6
55°	1447.0	1454.7	1469.7	1484.5	1506.4	1526.0	1551.8	1573.6	1602.1	1627.3	1664.3
57.5°	1346.5	1347.2	1354.2	1361.8	1375.9	1388.3	1406.0	1420.4	1440.1	1456.2	1478.4
60°	1274.3	1270.4	1271.8	1274.5	1282.4	1290.4	1301.8	1311.1	1323.6	1332.7	1345.1
62.5°	1214.1	1208.1	1206.8	1206.1	1210.0	1212.9	1219.1	1223.6	1230.7	1234.6	1241.3
65°	1138.3	1131.1	1128.4	1125.0	1126.2	1125.3	1127.7	1127.8	1131.4	1132.2	1136.0
67.5°	1069.3	1063.5	1059.9	1055.4	1053.5	1050.3	1049.0	1045.9	1045.4	1042.9	1042.3
70°	1006.6	1000.7	997.7	993.7	991.5	987.4	984.9	979.7	976.7	972.0	969.2
72.5°	933.9	930.6	929.7	927.0	926.3	923.9	922.8	919.3	917.2	913.0	910.7
75°	858.0	855.3	855.0	852.3	852.0	849.3	848.6	844.7	842.7	838.7	837.0
77.5°	767.5	763.5	762.4	759.2	760.0	758.6	759.7	756.7	755.5	751.4	750.2
80°	665.6	660.5	658.4	654.1	655.2	653.3	655.2	655.0	656.6	653.3	652.7
82.5°	545.0	539.3	538.3	535.3	537.3	537.5	541.8	539.4	540.4	537.4	538.6
85°	396.5	392.4	386.5	385.7	382.0	385.8	380.8	384.2	378.8	382.6	377.5
87.5°	245.8	237.2	232.7	226.5	224.2	218.2	215.8	211.5	212.8	210.8	212.0
90°	113.6	107.7	108.4	104.6	106.3	103.4	106.4	105.1	108.6	107.1	110.9
92.5°	53.6	56.0	60.4	65.4	69.7	74.3	78.7	83.6	88.0	92.8	97.1
95°	66.1	68.4	74.5	80.5	86.7	92.7	98.9	104.9	111.1	117.1	123.2
97.5°	82.8	84.2	90.2	96.4	102.4	108.5	114.6	121.0	127.0	133.2	139.2
100°	94.9	95.0	112.3	129.7	146.9	164.3	181.6	198.9	216.4	233.8	251.0
102.5°	176.8	181.1	224.8	268.6	312.3	356.0	399.8	443.6	487.2	531.2	575.0
105°	390.4	407.5	474.2	541.0	607.6	674.4	741.2	808.2	874.9	941.7	1008.5
107.5°	724.0	755.2	815.6	875.9	936.0	996.5	1057.0	1117.4	1177.6	1238.0	1298.7
110°	1020.3	1053.5	1093.9	1134.3	1174.9	1215.2	1255.8	1296.3	1336.9	1377.4	1418.1



TEST NUMBER: P1444395  
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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°	1152.7	1174.2	1197.7	1221.4	1245.0	1268.6	1292.3	1315.9	1339.9	1363.6	1387.4
115°	1148.0	1158.4	1167.4	1176.9	1186.0	1195.4	1204.6	1214.2	1223.6	1233.1	1242.6
117.5°	1058.7	1062.5	1063.8	1065.5	1066.9	1068.7	1070.4	1072.3	1074.1	1075.9	1077.5
120°	925.2	924.1	922.7	921.4	919.9	918.7	917.6	916.4	915.3	914.2	912.9
122.5°	790.3	788.0	786.6	785.4	784.3	783.2	782.1	781.2	780.2	779.3	778.1
125°	671.8	669.7	671.2	672.7	674.3	676.0	677.6	679.5	681.2	683.0	684.8
127.5°	584.8	584.3	587.9	591.7	595.5	599.4	603.3	607.3	611.2	615.3	619.0
130°	529.3	530.5	535.2	540.0	544.8	549.8	554.6	559.8	564.5	569.5	574.3
132.5°	497.1	499.7	504.1	508.9	513.5	518.3	523.1	527.9	532.6	537.5	542.0
135°	479.8	483.1	487.2	491.6	495.9	500.4	504.7	509.1	513.4	517.8	522.1
137.5°	468.9	472.2	475.6	479.2	482.6	486.3	489.9	493.5	496.8	500.6	503.9
140°	465.2	468.5	470.4	472.8	474.8	477.1	479.1	481.3	483.2	485.6	487.5
142.5°	460.3	463.3	464.5	466.0	467.4	469.1	470.5	471.9	473.2	474.5	475.8
145°	457.5	459.8	460.0	460.4	460.8	461.2	461.4	461.8	461.9	462.2	462.4
147.5°	452.6	454.4	454.0	454.3	454.3	454.0	454.2	454.2	453.8	453.9	453.8
150°	445.6	446.9	446.3	446.2	445.6	445.4	444.8	444.6	444.0	443.8	443.2
152.5°	437.7	438.7	437.9	437.7	437.0	436.5	435.8	435.5	434.8	434.3	433.9
155°	428.0	428.5	428.1	427.8	427.5	427.2	426.8	426.8	426.6	426.3	426.1
157.5°	422.8	422.9	422.7	422.5	422.2	422.1	422.0	421.9	421.8	422.0	422.0
160°	420.1	420.5	420.0	419.8	419.6	419.4	419.3	419.4	419.3	419.6	419.6
162.5°	418.2	418.1	417.7	417.5	417.4	417.4	417.3	417.4	417.4	417.6	417.7
165°	419.5	419.7	419.1	418.9	418.6	418.3	418.0	417.9	417.9	417.9	417.8
167.5°	420.2	420.0	420.0	420.1	420.1	420.3	420.5	420.9	421.1	421.5	421.6
170°	423.6	423.7	423.4	423.3	423.1	423.0	423.1	423.0	423.0	423.0	423.0
172.5°	428.5	428.5	428.1	427.7	427.4	427.1	426.7	426.5	426.2	425.9	425.5
175°	431.1	430.9	430.7	430.5	430.3	430.0	429.9	429.5	429.3	429.1	428.9
177.5°	433.9	433.7	433.5	433.5	433.4	433.3	433.3	433.2	433.2	433.2	433.0
180°	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5



TEST NUMBER: P1444395  
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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°	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2
2.5°	31264.5	31264.1	31261.0	31262.5	31263.1	31265.3	31267.9	31270.7	31271.3	31273.6	31274.0
5°	31498.5	31421.1	31363.9	31301.0	31253.7	31211.1	31182.7	31160.1	31151.5	31153.6	31158.8
7.5°	32132.9	31973.2	31841.5	31691.7	31566.8	31434.6	31324.9	31220.7	31144.8	31088.2	31056.5
10°	32829.1	32634.7	32448.6	32231.8	32026.3	31806.8	31608.0	31408.0	31241.1	31096.2	30989.8
12.5°	33138.1	33000.7	32839.8	32635.2	32415.2	32162.1	31906.4	31632.3	31377.4	31140.8	30949.9
15°	32811.0	32811.2	32752.5	32654.5	32501.6	32299.3	32055.6	31770.0	31469.2	31162.4	30882.0
17.5°	31772.5	31968.4	32077.4	32146.3	32125.2	32050.7	31895.7	31676.2	31395.8	31068.9	30726.9
20°	29989.2	30451.4	30780.9	31077.1	31243.2	31353.6	31342.5	31253.2	31053.5	30775.6	30419.2
22.5°	27491.1	28266.8	28878.8	29449.6	29849.9	30175.5	30330.2	30395.9	30305.4	30111.8	29777.2
25°	24456.9	25511.6	26411.6	27285.0	27940.1	28503.2	28841.6	29080.0	29099.0	28997.8	28699.3
27.5°	21085.5	22330.3	23469.3	24630.1	25551.5	26360.9	26892.1	27280.8	27404.3	27388.0	27117.0
30°	17718.2	19025.1	20280.6	21634.3	22774.3	23808.5	24510.0	25035.7	25238.3	25277.2	25016.4
32.5°	14538.3	15827.0	17079.0	18494.2	19748.8	20933.9	21762.8	22387.3	22622.9	22678.4	22392.4
35°	11652.2	12841.1	14031.1	15402.5	16649.9	17877.3	18750.7	19404.4	19624.4	19661.6	19330.4
37.5°	9149.5	10162.4	11199.3	12429.9	13575.4	14728.1	15557.9	16172.4	16332.6	16322.7	15948.1
40°	7042.2	7829.7	8662.9	9675.9	10628.3	11602.7	12303.4	12811.4	12895.6	12833.3	12439.7
42.5°	5295.3	5864.1	6468.1	7224.3	7931.0	8660.2	9170.1	9547.2	9559.2	9460.6	9107.2
45°	3945.1	4499.9	4753.3	5210.5	5665.6	6150.6	6461.8	6694.8	6658.7	6572.0	6303.4
47.5°	3007.4	3220.7	3446.8	3730.4	3995.5	4545.7	4505.0	4879.1	4609.6	4793.4	4388.9
50°	2388.2	2507.4	2629.3	2779.7	2918.2	3062.1	3152.0	3219.1	3210.3	3181.5	3104.1
52.5°	2031.8	2068.7	2128.7	2214.3	2291.5	2369.3	2420.5	2462.2	2463.0	2451.4	2412.1
55°	1698.1	1744.9	1788.0	1843.9	1939.2	1953.8	2027.3	2012.3	2018.2	1997.8	2018.6
57.5°	1497.2	1524.4	1548.7	1582.0	1609.6	1641.6	1660.6	1678.9	1677.1	1673.1	1653.1
60°	1354.9	1369.8	1383.3	1402.8	1417.8	1436.0	1444.8	1454.1	1451.0	1444.3	1426.5
62.5°	1245.1	1254.5	1262.2	1274.8	1284.0	1295.3	1299.8	1303.7	1299.8	1293.3	1277.7
65°	1136.8	1142.9	1147.7	1157.2	1163.7	1173.4	1177.2	1180.9	1177.3	1172.3	1160.4
67.5°	1039.2	1039.8	1039.3	1043.1	1045.1	1050.9	1052.6	1055.3	1051.1	1046.8	1036.7
70°	965.1	963.6	961.7	963.2	963.6	966.3	966.8	966.3	961.4	953.9	942.8
72.5°	907.2	906.4	905.0	906.2	906.2	908.8	908.0	906.7	900.5	893.4	882.4
75°	832.7	832.1	829.4	829.5	827.2	828.0	825.0	823.2	816.4	810.3	800.5
77.5°	745.7	744.2	740.2	738.7	734.2	732.3	726.7	723.9	716.9	712.1	703.7
80°	648.4	646.9	641.7	638.8	631.8	627.4	619.0	614.3	606.2	601.5	593.3
82.5°	536.0	536.6	531.3	527.7	517.7	510.0	498.8	492.8	484.0	479.4	471.0
85°	381.2	375.8	378.7	378.4	372.1	365.5	356.4	350.0	342.6	338.1	332.3
87.5°	209.1	210.4	208.9	207.6	203.1	199.8	192.7	189.0	183.5	180.8	176.4
90°	102.9	100.3	92.7	90.2	82.8	78.5	70.0	66.5	58.6	56.8	52.1
92.5°	91.9	86.8	81.9	76.5	71.7	66.6	61.4	56.3	51.2	49.1	47.7
95°	115.8	108.5	101.1	93.6	86.3	78.8	71.5	64.1	56.7	55.2	53.7
97.5°	130.6	121.9	113.1	104.4	95.8	87.0	78.3	69.6	60.8	59.9	58.9
100°	231.0	211.0	190.8	170.7	150.6	130.6	110.5	90.4	70.3	69.2	68.0
102.5°	526.2	477.5	428.8	380.1	331.6	282.7	234.1	185.3	136.5	129.5	122.5
105°	934.7	860.9	787.4	713.7	639.8	566.0	492.5	418.5	344.8	321.2	297.4
107.5°	1229.4	1159.9	1090.8	1021.5	952.1	882.9	813.6	744.1	674.7	633.0	591.4
110°	1363.1	1308.0	1253.3	1198.2	1143.3	1088.2	1033.2	978.2	923.1	887.1	851.4



TEST NUMBER: P1444395  
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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°	1347.2	1306.9	1266.8	1226.3	1186.3	1145.8	1105.7	1065.2	1024.7	1003.1	981.3
115°	1218.5	1194.3	1170.1	1145.9	1121.7	1097.5	1073.2	1048.9	1024.4	1013.0	1001.5
117.5°	1065.4	1053.1	1040.9	1028.6	1016.2	1003.8	991.4	978.9	966.5	962.7	958.6
120°	909.6	906.0	902.1	898.5	894.9	891.2	887.4	883.6	879.7	880.4	880.9
122.5°	779.9	781.4	783.1	784.4	786.1	787.4	789.1	790.3	791.9	795.0	798.2
125°	688.5	692.2	696.1	699.7	703.4	707.0	710.8	714.3	718.0	721.1	724.5
127.5°	623.4	627.4	631.7	635.8	640.1	644.1	648.4	652.2	656.5	659.4	662.4
130°	578.2	581.7	585.4	588.9	592.7	596.2	599.7	603.4	607.0	609.3	611.7
132.5°	545.5	548.7	552.0	555.2	558.6	561.7	565.0	568.3	571.7	573.3	575.3
135°	524.7	527.0	529.6	531.9	534.7	537.0	539.6	542.1	544.8	546.1	547.4
137.5°	505.9	508.0	510.2	512.1	514.3	516.2	518.5	520.6	523.1	523.6	524.6
140°	489.7	491.8	493.9	496.0	498.3	500.5	503.0	505.2	507.7	508.3	509.3
142.5°	477.6	479.2	480.9	482.6	484.4	486.1	488.1	490.2	492.1	492.9	493.6
145°	464.4	466.4	468.5	470.3	472.3	474.4	477.0	479.2	481.5	482.0	482.6
147.5°	455.4	457.1	458.9	460.6	462.5	464.1	466.4	468.4	470.5	470.9	471.5
150°	445.1	446.7	448.6	450.3	452.3	454.4	456.6	458.7	461.2	461.9	462.6
152.5°	435.7	437.6	439.5	441.6	443.9	446.1	448.4	450.7	453.1	453.7	454.6
155°	428.1	429.8	432.0	434.1	436.2	438.2	440.5	442.7	445.1	446.0	446.8
157.5°	423.8	425.3	427.3	429.1	431.0	433.0	435.2	437.1	439.2	439.9	440.6
160°	421.2	422.8	424.5	426.1	427.9	429.6	431.4	433.3	435.1	435.7	436.4
162.5°	419.3	420.9	422.7	424.2	426.0	427.6	429.5	431.1	433.0	433.6	434.3
165°	419.0	420.2	421.6	422.8	424.0	425.2	426.6	427.8	429.2	429.8	430.7
167.5°	422.8	423.5	424.5	425.4	426.5	427.5	428.6	429.5	430.6	431.3	432.1
170°	423.9	424.6	425.5	426.4	427.3	428.2	429.1	429.9	431.1	431.7	432.4
172.5°	426.1	426.5	427.2	427.7	428.3	428.9	429.5	430.1	430.8	431.5	432.2
175°	429.3	429.5	429.8	430.0	430.2	430.5	431.0	431.4	431.8	432.3	432.8
177.5°	433.2	433.4	433.6	433.8	434.1	434.3	434.6	434.8	435.1	435.7	436.3
180°	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5



TEST NUMBER: P1444395  
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**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2
2.5°	31272.9	31272.5	31271.5	31270.1	31268.7	31269.6	31270.9	31274.6	31280.8	31289.9	31301.8
5°	31163.2	31169.5	31173.2	31173.7	31170.3	31168.4	31171.4	31180.0	31197.4	31226.4	31265.7
7.5°	31048.0	31055.9	31068.0	31077.1	31078.8	31076.7	31077.1	31090.6	31122.6	31179.2	31258.6
10°	30925.1	30901.7	30914.0	30936.6	30954.5	30957.8	30960.1	30975.9	31022.7	31108.3	31235.8
12.5°	30811.6	30737.7	30723.3	30743.7	30771.0	30779.6	30777.2	30784.1	30838.9	30952.1	31129.9
15°	30662.3	30523.2	30475.5	30480.8	30514.4	30526.5	30517.6	30504.2	30557.6	30695.8	30926.0
17.5°	30420.6	30196.2	30108.8	30104.9	30144.3	30154.7	30133.1	30091.2	30143.8	30316.3	30602.1
20°	30053.4	29722.0	29557.3	29531.2	29573.9	29561.4	29518.3	29455.0	29524.0	29733.9	30073.6
22.5°	29392.9	28973.1	28691.8	28601.1	28652.2	28618.1	28555.2	28474.4	28566.1	28804.5	29182.9
25°	28313.8	27828.7	27443.6	27227.6	27268.2	27207.2	27138.7	27040.8	27150.2	27423.8	27840.3
27.5°	26727.6	26167.3	25690.0	25332.4	25345.6	25265.6	25186.7	25059.9	25196.5	25520.4	25990.2
30°	24618.4	23970.1	23388.9	22902.8	22859.3	22781.7	22700.9	22534.6	22705.6	23093.3	23642.3
32.5°	21969.6	21249.7	20578.3	19963.7	19847.7	19772.0	19700.0	19508.6	19732.5	20184.4	20815.2
35°	18871.9	18105.1	17377.1	16675.1	16483.0	16407.3	16344.4	16161.1	16440.3	16932.2	17613.5
37.5°	15471.8	14688.5	13965.7	13245.8	12974.4	12871.7	12826.0	12705.9	13028.1	13514.6	14198.6
40°	11981.2	11252.9	10604.8	9969.1	9659.7	9502.6	9478.5	9456.8	9768.2	10190.4	10811.2
42.5°	8715.8	8128.3	7628.5	7142.6	6862.2	6647.7	6647.6	6712.7	6993.2	7309.4	7788.1
45°	6029.1	5634.7	5316.3	4991.6	5078.4	4650.7	4902.0	4773.0	4911.6	5115.5	5426.8
47.5°	4144.4	3929.1	3754.2	3572.8	3440.6	3314.3	3325.4	3406.8	3537.4	3658.3	3820.3
50°	3020.5	2910.9	2821.9	2727.6	2661.8	2606.1	2609.4	2644.6	2713.2	2777.0	2861.7
52.5°	2366.8	2306.4	2257.9	2205.9	2171.4	2143.6	2145.1	2162.3	2199.3	2235.7	2284.4
55°	1950.8	1943.5	1880.6	1833.9	1816.1	1797.4	1800.9	1807.5	1832.8	1854.0	1886.3
57.5°	1634.8	1606.5	1587.7	1563.0	1551.7	1538.7	1541.7	1544.2	1561.0	1575.4	1598.5
60°	1411.6	1391.6	1378.2	1361.4	1354.1	1345.8	1347.6	1349.1	1360.0	1369.3	1386.0
62.5°	1263.4	1245.4	1233.8	1220.9	1215.6	1210.1	1211.4	1211.8	1218.6	1225.4	1238.0
65°	1149.7	1135.4	1125.7	1114.6	1109.2	1103.3	1103.9	1103.9	1109.6	1114.6	1124.0
67.5°	1029.4	1018.7	1012.4	1003.6	999.8	993.9	993.8	991.9	995.7	997.6	1004.1
70°	932.8	922.0	914.1	905.6	900.8	895.7	895.8	895.9	900.2	904.7	912.9
72.5°	873.2	862.9	855.7	848.3	843.9	839.5	838.7	838.2	841.3	843.8	849.3
75°	794.3	786.0	781.8	774.8	771.4	766.3	765.5	763.2	764.7	765.1	769.3
77.5°	698.4	690.7	687.2	680.2	677.2	671.6	671.1	668.6	669.7	668.9	672.0
80°	589.3	582.1	580.3	574.4	573.1	567.9	567.1	563.8	564.8	562.3	563.5
82.5°	467.4	460.8	459.5	454.2	454.2	449.3	449.1	444.4	444.4	440.2	433.8
85°	329.2	324.4	322.5	318.0	316.7	312.9	311.0	306.4	304.8	301.9	301.0
87.5°	173.7	170.7	168.0	166.0	162.1	155.3	154.7	149.9	150.2	146.9	147.1
90°	50.7	46.2	45.0	40.9	39.4	36.3	35.1	35.6	36.7	37.4	38.5
92.5°	46.0	44.3	42.7	41.0	39.3	37.5	35.8	37.5	39.3	41.0	42.7
95°	52.2	50.7	49.1	47.6	46.1	44.6	43.1	44.6	46.1	47.7	49.2
97.5°	58.0	57.0	56.1	55.1	54.2	53.2	52.3	53.3	54.3	55.2	56.2
100°	66.9	65.8	64.6	63.5	62.4	61.1	60.0	61.4	62.7	63.8	64.9
102.5°	115.5	108.5	101.5	94.4	87.4	80.4	73.4	80.4	87.4	94.5	101.6
105°	273.6	250.0	226.2	202.5	178.8	155.0	131.3	155.1	178.9	202.6	226.4
107.5°	549.5	508.0	466.3	424.6	382.6	340.9	299.2	341.0	382.8	424.7	466.5
110°	815.3	779.4	743.4	707.4	671.3	635.4	599.2	635.5	671.5	707.6	743.7



TEST NUMBER: P1444395  
 CATALOG NUMBER: EHBR1-36-UNV-TA-L840-UPL30

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	959.4	937.6	915.7	893.9	871.9	850.0	828.0	850.2	872.3	894.5	916.3
115°	990.2	978.6	967.1	955.6	944.0	932.4	920.6	932.8	944.6	956.3	968.1
117.5°	954.5	950.7	946.5	942.6	938.5	934.4	930.2	934.6	939.1	943.6	947.8
120°	881.3	882.0	882.4	882.8	883.2	883.6	883.8	884.1	884.1	884.1	883.9
122.5°	801.1	804.4	807.3	810.4	813.3	816.3	818.9	816.7	814.2	811.9	809.1
125°	727.6	730.9	734.0	737.2	740.1	743.2	745.9	743.8	741.4	738.9	736.3
127.5°	665.3	668.3	671.0	674.0	676.6	679.3	681.7	680.0	677.9	675.8	673.4
130°	614.0	616.4	618.4	620.6	622.7	624.6	626.2	625.3	624.0	622.8	621.0
132.5°	576.9	579.0	580.6	582.3	583.6	585.2	586.1	585.9	585.1	584.5	583.4
135°	548.8	550.0	551.1	552.4	553.3	554.2	554.7	555.1	554.8	554.6	554.0
137.5°	525.3	526.2	526.7	527.2	527.7	528.0	528.1	528.8	529.2	529.8	529.8
140°	509.9	510.9	511.6	512.1	512.7	513.2	513.1	514.0	514.3	514.7	514.7
142.5°	494.5	495.2	495.9	496.5	496.9	497.3	497.4	498.1	498.5	498.8	499.1
145°	483.2	483.6	484.1	484.6	484.7	484.9	484.6	485.7	486.2	486.8	487.3
147.5°	471.9	472.5	472.8	473.1	473.2	473.4	473.2	474.1	474.7	475.3	475.8
150°	463.5	464.2	464.9	465.6	466.1	466.5	466.5	467.2	467.5	467.8	467.9
152.5°	455.2	455.9	456.6	457.1	457.5	457.8	457.9	458.5	459.0	459.5	459.7
155°	447.5	448.3	449.0	449.7	450.2	450.8	451.2	451.7	452.0	452.3	452.5
157.5°	441.3	442.1	442.6	443.4	443.9	444.6	445.0	445.6	446.0	446.4	446.7
160°	437.0	437.8	438.3	439.0	439.6	440.1	440.6	441.2	441.6	442.0	442.4
162.5°	434.8	435.5	435.9	436.6	437.1	437.7	438.2	438.7	439.2	439.7	440.0
165°	431.4	432.3	432.9	433.7	434.4	435.2	435.7	436.1	436.3	436.5	436.7
167.5°	432.7	433.5	434.0	434.7	435.3	436.1	436.7	437.0	437.1	437.3	437.4
170°	432.9	433.6	434.1	434.7	435.3	436.0	436.4	436.6	436.7	436.9	437.0
172.5°	432.8	433.6	434.3	435.1	435.7	436.4	437.0	437.1	436.9	436.9	436.6
175°	433.3	434.0	434.5	435.2	435.6	436.2	436.8	436.5	436.5	436.3	436.1
177.5°	437.1	437.9	438.5	439.1	439.8	440.3	441.0	440.4	440.0	439.6	439.0
180°	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5



TEST NUMBER: P1444395  
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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°	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2
2.5°	31318.6	31334.2	31358.2	31379.9	31412.6	31438.4	31477.2	31506.5	31550.3	31578.7	31626.2
5°	31321.3	31382.6	31463.1	31541.8	31636.4	31722.2	31828.8	31919.6	32026.9	32114.3	32223.9
7.5°	31365.6	31483.7	31625.4	31768.1	31929.5	32080.4	32250.6	32404.5	32572.8	32715.2	32870.8
10°	31398.3	31580.5	31789.3	31999.2	32220.3	32425.7	32633.1	32812.3	32979.7	33117.5	33239.3
12.5°	31354.0	31605.0	31872.9	32131.5	32377.3	32589.9	32768.3	32906.1	33001.2	33065.7	33080.9
15°	31203.4	31505.5	31796.7	32054.3	32258.2	32415.5	32497.0	32535.1	32494.2	32426.2	32277.0
17.5°	30922.1	31240.8	31501.1	31704.3	31812.1	31854.7	31787.2	31670.0	31440.6	31186.1	30818.5
20°	30406.3	30703.3	30892.0	31002.9	30974.1	30867.4	30612.8	30303.2	29845.4	29357.5	28713.6
22.5°	29501.7	29761.4	29861.9	29870.1	29694.3	29427.2	28967.9	28436.9	27714.7	26963.8	26040.4
25°	28143.8	28371.3	28387.1	28297.8	27975.8	27543.2	26868.7	26117.6	25136.1	24135.6	22978.4
27.5°	26302.3	26520.4	26467.0	26300.4	25853.4	25274.3	24410.8	23440.5	22230.6	21048.8	19768.7
30°	23987.5	24220.5	24157.9	23944.2	23412.5	22728.1	21712.1	20584.7	19241.4	17979.2	16682.0
32.5°	21217.2	21511.9	21468.6	21265.5	20710.6	19978.3	18875.8	17680.1	16305.7	15061.8	13800.1
35°	18068.3	18426.2	18444.7	18311.9	17796.8	17073.0	15984.3	14827.0	13510.5	12336.9	11171.2
37.5°	14675.8	15090.7	15176.0	15140.1	14713.2	14074.2	13082.3	12044.1	10877.8	9849.4	8852.4
40°	11264.6	11684.5	11830.2	11873.5	11558.5	11063.6	10249.4	9411.4	8460.8	7627.3	6835.7
42.5°	8153.6	8525.9	8666.8	8755.4	8558.7	8228.7	7634.8	7026.3	6329.8	5728.7	5152.4
45°	5662.8	5926.3	6033.3	6122.5	6015.5	5829.3	5454.3	5073.7	4613.9	4221.1	3849.1
47.5°	3959.2	4104.5	4175.1	4218.4	4177.0	4079.8	3875.8	3655.3	3395.7	3166.1	2945.5
50°	2934.7	3012.0	3048.9	3073.9	3043.7	2989.8	2879.3	2759.3	2616.7	2486.7	2359.5
52.5°	2325.6	2369.9	2391.9	2405.4	2388.1	2355.0	2290.7	2219.6	2134.1	2053.7	2011.5
55°	1959.2	1956.9	2007.7	1983.2	2007.7	1952.9	1941.4	1863.1	1792.2	1742.2	1688.2
57.5°	1615.7	1638.7	1648.5	1659.4	1652.3	1642.3	1615.0	1587.0	1549.5	1518.2	1484.8
60°	1398.6	1417.5	1428.2	1439.0	1438.3	1434.6	1418.9	1402.1	1378.7	1360.0	1339.8
62.5°	1249.0	1265.5	1276.0	1286.4	1287.3	1285.8	1273.9	1262.2	1246.2	1234.5	1220.6
65°	1131.4	1142.9	1150.1	1158.3	1157.8	1155.7	1144.8	1135.2	1122.0	1113.9	1103.6
67.5°	1008.2	1017.0	1022.5	1030.3	1031.8	1032.3	1026.4	1021.8	1015.5	1013.1	1009.6
70°	920.6	931.2	940.2	950.1	955.4	957.9	955.4	953.1	949.4	947.8	945.0
72.5°	854.3	863.3	870.3	879.2	884.3	887.8	885.9	884.6	881.4	880.9	879.0
75°	772.0	778.2	782.2	788.9	791.6	795.0	793.5	794.3	793.2	795.8	795.6
77.5°	673.1	677.6	679.5	684.3	684.8	688.8	689.9	694.6	697.9	705.4	709.3
80°	561.7	564.5	564.5	569.6	571.8	578.7	581.9	589.7	593.3	600.0	600.6
82.5°	436.3	433.0	436.3	434.2	440.6	448.3	449.3	456.0	457.5	461.6	458.4
85°	298.3	298.1	295.3	295.8	293.8	294.8	293.6	294.9	293.7	293.8	290.8
87.5°	142.9	144.2	141.1	142.1	139.0	140.5	137.8	139.8	136.7	137.2	132.6
90°	39.5	40.6	41.5	42.7	44.2	47.3	50.7	53.8	57.5	60.4	63.9
92.5°	44.3	46.1	47.8	49.5	51.3	56.4	61.5	66.7	71.9	76.9	82.0
95°	50.8	52.3	53.8	55.6	57.1	64.5	71.9	79.3	86.8	94.1	101.6
97.5°	57.4	58.4	59.3	60.3	61.3	70.1	78.8	87.6	96.4	105.0	113.7
100°	66.2	67.3	68.4	69.7	70.8	91.0	111.1	131.3	151.4	171.4	191.5
102.5°	108.7	115.7	122.8	130.1	137.1	186.0	234.8	283.5	332.1	380.9	429.6
105°	250.2	273.9	298.0	321.8	345.5	419.3	493.3	567.2	640.7	714.6	788.4
107.5°	508.3	550.1	592.1	633.9	675.6	745.1	814.6	884.0	953.5	1022.9	1092.0
110°	780.1	815.9	852.3	888.3	924.4	979.4	1034.7	1089.7	1144.9	1199.9	1255.0



TEST NUMBER: P1444395  
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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°	938.6	960.4	982.4	1004.3	1026.3	1066.7	1107.4	1147.8	1188.3	1228.5	1268.9
115°	979.9	991.3	1003.0	1014.7	1026.5	1050.9	1075.2	1099.7	1124.1	1148.3	1172.8
117.5°	952.1	956.3	960.6	964.5	968.7	981.3	993.9	1006.4	1019.0	1031.6	1044.0
120°	883.8	883.5	883.2	882.8	882.6	886.3	890.4	894.3	898.2	902.0	905.8
122.5°	806.6	803.7	800.9	798.0	795.2	793.7	792.6	791.1	789.9	788.4	787.2
125°	733.4	730.6	727.7	724.8	721.6	718.2	714.8	711.1	707.6	704.2	700.6
127.5°	671.3	668.6	666.1	663.4	660.7	656.7	652.7	648.7	645.0	640.6	636.7
130°	619.5	617.6	615.9	613.7	611.9	608.2	604.9	601.4	597.9	594.4	591.0
132.5°	582.4	581.0	579.9	578.2	576.8	573.6	570.8	567.5	564.2	561.1	558.1
135°	553.7	552.9	552.3	551.3	550.4	547.8	545.7	543.1	540.8	538.4	536.1
137.5°	530.0	529.7	529.4	529.1	528.8	526.8	524.9	522.9	521.0	518.9	517.1
140°	514.8	514.6	514.6	514.2	513.9	511.8	509.7	507.6	505.6	503.4	501.4
142.5°	499.1	499.1	498.8	498.5	498.3	496.6	495.2	493.6	491.9	490.3	488.7
145°	487.4	487.6	487.9	487.6	488.0	485.9	484.1	482.0	480.4	478.4	476.6
147.5°	476.2	476.3	476.8	476.8	477.2	475.4	474.0	472.3	471.0	469.2	467.9
150°	468.0	468.1	468.1	468.0	468.0	466.3	464.8	463.1	461.6	459.9	458.5
152.5°	459.8	460.0	460.2	460.3	460.5	458.8	457.2	455.5	453.8	451.9	450.3
155°	452.7	452.8	453.0	453.0	453.0	451.5	450.0	448.3	446.8	445.2	443.7
157.5°	446.9	447.1	447.3	447.5	447.6	446.3	445.0	443.6	442.2	440.8	439.5
160°	442.7	443.1	443.3	443.5	443.7	442.5	441.5	440.2	439.3	437.9	436.7
162.5°	440.4	440.7	440.9	441.1	441.3	440.2	439.3	438.1	437.0	435.7	434.6
165°	437.0	437.0	437.1	437.0	437.0	436.3	435.7	435.0	434.2	433.3	432.5
167.5°	437.7	437.6	437.7	437.6	437.7	437.1	436.9	436.2	435.6	435.1	434.5
170°	437.1	437.2	437.2	437.1	437.1	436.5	436.2	435.6	435.2	434.5	433.9
172.5°	436.5	436.2	436.2	436.0	435.7	435.3	435.0	434.7	434.4	434.0	433.6
175°	435.8	435.6	435.5	435.2	434.9	434.8	434.6	434.6	434.4	434.3	434.1
177.5°	438.7	438.2	437.6	437.2	436.7	436.5	436.5	436.3	436.3	436.2	436.0
180°	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5



TEST NUMBER: P1444395  
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**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2
2.5°	31655.7	31460.1	31434.4	31448.1	31480.7	31492.8	31528.1	31537.7	31573.2	31581.9	31616.0
5°	32308.8	32050.5	32063.3	32125.5	32219.5	32275.6	32368.0	32416.3	32504.6	32544.8	32624.5
7.5°	32997.6	32794.7	32858.0	32962.7	33091.4	33180.4	33291.5	33363.8	33459.4	33518.9	33595.6
10°	33335.7	33280.1	33349.9	33432.3	33505.7	33563.1	33610.2	33647.8	33672.5	33695.7	33705.7
12.5°	33078.5	33164.5	33176.3	33168.4	33119.7	33082.6	32999.2	32942.6	32842.0	32780.7	32661.0
15°	32124.4	32313.6	32208.8	32050.2	31818.1	31624.6	31351.3	31147.8	30863.3	30670.3	30384.6
17.5°	30450.1	30688.9	30415.9	30048.9	29582.0	29182.6	28685.2	28290.4	27795.8	27436.1	26974.6
20°	28093.1	28316.2	27829.3	27220.9	26498.7	25890.8	25174.0	24602.1	23936.0	23440.5	22842.5
22.5°	25158.3	25317.3	24631.3	23811.1	22891.0	22131.6	21274.6	20588.9	19828.8	19262.3	18624.7
25°	21911.5	21954.5	21131.6	20186.7	19161.1	18307.7	17392.7	16671.9	15896.6	15322.5	14696.8
27.5°	18634.6	18571.7	17682.3	16680.4	15601.6	14714.5	13822.2	13146.7	12467.6	11950.5	11411.4
30°	15541.6	15389.3	14465.8	13435.9	12388.8	11593.7	10852.9	10310.4	9770.2	9360.0	8927.2
32.5°	12705.2	12490.3	11591.4	10626.6	9744.2	9130.6	8581.3	8170.8	7734.6	7388.1	7025.0
35°	10192.9	9964.0	9167.7	8349.7	7681.8	7229.6	6797.8	6461.0	6090.6	5798.3	5482.9
37.5°	8036.9	7849.2	7182.2	6538.5	6033.3	5682.9	5329.1	5053.9	4747.7	4619.2	4282.2
40°	6204.4	6073.3	5551.7	5077.2	4697.9	4533.2	4174.1	3917.0	3688.3	3499.7	3317.0
42.5°	4839.6	4793.2	4285.5	3915.5	3648.4	3441.0	3240.8	3078.4	2920.2	2790.2	2667.4
45°	3551.6	3514.8	3289.4	3075.8	2893.8	2748.8	2613.5	2501.8	2398.4	2312.7	2234.8
47.5°	2765.6	2753.8	2624.0	2491.5	2376.9	2283.8	2196.0	2121.8	2053.2	1996.0	1977.3
50°	2249.4	2247.9	2171.7	2089.9	2008.3	1954.4	1898.4	1854.5	1810.4	1776.1	1739.9
52.5°	1911.1	1903.0	1851.5	1801.1	1752.5	1717.2	1681.4	1653.3	1624.2	1603.0	1580.5
55°	1645.4	1654.1	1624.3	1594.2	1563.8	1541.9	1516.7	1498.3	1478.3	1464.9	1451.2
57.5°	1460.7	1472.2	1456.6	1439.5	1421.1	1406.6	1389.3	1376.5	1363.2	1354.6	1346.7
60°	1326.3	1338.9	1332.7	1324.0	1312.6	1304.0	1293.0	1285.9	1277.3	1272.6	1268.1
62.5°	1212.4	1228.2	1225.9	1221.8	1214.5	1209.7	1203.7	1200.5	1194.9	1192.7	1190.6
65°	1098.7	1116.4	1116.1	1114.0	1110.0	1108.6	1104.9	1104.1	1101.2	1102.4	1102.1
67.5°	1009.3	1024.6	1028.0	1030.4	1030.3	1031.2	1030.9	1032.4	1032.4	1034.6	1036.0
70°	944.7	955.4	957.9	960.6	961.3	963.3	963.3	964.6	964.3	966.1	966.3
72.5°	879.4	893.6	896.1	898.2	898.2	900.2	899.1	898.8	896.0	895.4	893.5
75°	798.3	816.4	820.3	822.8	823.2	825.0	822.5	821.0	816.4	814.5	811.2
77.5°	713.6	732.2	735.1	736.0	734.5	734.9	729.7	726.2	720.3	717.8	714.7
80°	603.2	630.7	632.9	631.2	626.9	626.2	621.2	617.9	610.8	608.4	605.7
82.5°	459.0	491.3	495.8	497.8	494.3	495.1	490.4	488.6	482.0	480.9	476.6
85°	289.8	322.1	327.4	326.6	323.2	322.4	319.6	320.5	320.0	321.7	322.6
87.5°	133.2	164.5	172.0	169.5	169.2	167.0	161.9	163.9	166.9	168.8	169.0
90°	67.2	79.9	83.0	81.0	76.0	73.6	68.8	66.8	62.6	60.5	56.4
92.5°	87.2	92.3	97.5	92.9	88.4	83.7	79.2	74.6	70.1	65.4	60.9
95°	109.0	116.1	123.5	117.4	111.3	105.1	99.1	93.0	87.0	80.8	74.8
97.5°	122.5	130.9	139.5	133.5	127.3	121.2	115.1	109.0	102.9	96.8	90.6
100°	211.7	231.3	251.3	234.1	216.6	199.4	182.1	164.7	147.4	130.2	112.7
102.5°	478.3	526.8	575.3	531.5	487.8	444.0	400.3	356.5	312.8	268.8	225.1
105°	862.1	935.4	1009.1	942.0	875.2	808.5	741.7	674.9	608.1	541.2	474.5
107.5°	1161.5	1230.1	1299.1	1238.6	1178.2	1118.0	1057.3	997.0	936.6	876.1	815.8
110°	1310.0	1364.0	1418.9	1378.1	1337.6	1296.9	1256.4	1215.6	1175.2	1134.8	1094.4



TEST NUMBER: P1444395  
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**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	1309.2	1348.2	1388.2	1364.2	1340.6	1316.6	1293.0	1269.1	1245.6	1221.7	1198.3
115°	1197.0	1219.6	1243.5	1233.9	1224.5	1215.0	1205.5	1196.3	1186.7	1177.3	1168.1
117.5°	1056.4	1066.9	1078.8	1076.9	1075.1	1073.2	1071.5	1069.5	1068.0	1066.3	1064.6
120°	909.6	911.3	914.5	915.5	916.7	917.7	918.9	919.9	921.1	922.3	923.6
122.5°	785.7	782.0	779.8	780.8	781.7	782.5	783.6	784.6	785.7	786.7	787.9
125°	697.0	690.8	686.4	684.6	683.0	681.1	679.4	677.5	676.0	674.2	672.7
127.5°	632.6	625.9	621.1	617.2	613.4	609.2	605.4	601.4	597.6	593.6	590.0
130°	587.4	580.9	576.6	571.7	567.1	561.9	557.2	552.2	547.3	542.3	537.6
132.5°	554.8	548.6	544.7	539.9	535.4	530.5	526.0	521.0	516.4	511.6	507.0
135°	533.7	527.9	524.8	520.4	516.4	512.0	507.7	503.3	499.2	494.6	490.6
137.5°	515.1	509.4	506.8	503.4	500.1	496.5	493.2	489.7	486.1	482.5	479.2
140°	499.3	493.4	490.6	488.7	486.7	484.5	482.6	480.5	478.6	476.6	474.4
142.5°	487.0	481.4	479.0	477.7	476.6	475.1	474.2	472.8	471.6	469.9	468.8
145°	474.7	468.4	465.7	465.4	465.5	465.1	464.9	464.8	464.6	464.2	464.0
147.5°	466.2	459.7	457.1	457.4	457.5	457.5	457.9	457.8	458.2	458.2	458.4
150°	456.6	449.3	446.3	446.9	447.2	447.8	448.3	448.7	449.3	449.8	450.2
152.5°	448.5	439.9	436.4	437.0	437.7	438.1	438.7	439.4	440.1	440.8	441.4
155°	441.8	432.6	428.8	428.8	429.1	429.3	429.6	430.0	430.4	430.7	431.2
157.5°	437.8	428.1	424.6	424.4	424.5	424.6	424.6	424.7	424.9	425.1	425.6
160°	435.5	425.7	422.3	422.1	422.2	422.1	422.1	422.1	422.3	422.5	422.8
162.5°	433.2	423.8	420.5	420.1	420.0	419.8	419.9	419.8	420.0	420.0	420.3
165°	431.5	423.3	420.3	420.3	420.6	420.5	420.7	420.9	421.1	421.3	421.7
167.5°	433.7	426.4	424.1	423.7	423.4	423.0	423.0	422.6	422.6	422.3	422.3
170°	433.1	427.4	425.3	425.2	425.4	425.4	425.4	425.4	425.4	425.4	425.6
172.5°	433.2	428.9	427.4	427.6	428.0	428.2	428.6	428.9	429.3	429.6	430.0
175°	433.9	431.3	430.6	430.6	430.8	431.0	431.2	431.3	431.5	431.8	432.2
177.5°	435.9	435.1	434.7	434.7	434.7	434.7	434.7	434.7	434.7	434.8	434.8
180°	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5



TEST NUMBER: P1444395  
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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°	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2
2.5°	31622.4	31659.3	31656.5	31690.9	31689.2	31721.5	31715.1	31743.1	31736.7	31760.7	31746.6
5°	32659.7	32729.7	32752.9	32816.2	32829.3	32885.9	32887.1	32932.1	32926.7	32961.9	32943.1
7.5°	33640.9	33706.4	33737.4	33786.6	33811.2	33851.8	33867.8	33901.3	33909.3	33929.0	33928.4
10°	33723.7	33723.5	33738.8	33732.0	33745.7	33737.7	33754.5	33748.4	33773.2	33766.8	33785.6
12.5°	32609.5	32498.9	32458.5	32359.1	32337.4	32252.2	32258.2	32203.5	32230.0	32196.4	32253.6
15°	30214.7	29958.2	29831.5	29608.4	29538.4	29362.1	29347.8	29230.7	29262.3	29201.1	29290.6
17.5°	26675.9	26272.1	26050.5	25724.8	25595.4	25346.1	25296.1	25145.4	25168.8	25092.8	25201.0
20°	22456.8	21968.8	21689.3	21312.6	21144.5	20847.4	20768.4	20599.8	20621.0	20545.5	20667.8
22.5°	18189.5	17678.7	17363.1	16968.4	16753.7	16474.2	16390.4	16220.9	16230.6	16159.6	16277.3
25°	14268.1	13778.3	13472.0	13113.4	12927.2	12670.9	12582.7	12430.7	12439.3	12380.7	12486.4
27.5°	11037.5	10635.6	10379.3	10078.6	9911.7	9701.0	9615.1	9487.2	9486.8	9443.9	9532.2
30°	8625.1	8289.7	8059.7	7797.9	7641.2	7451.0	7367.9	7253.5	7248.6	7218.1	7288.2
32.5°	6753.2	6455.0	6245.1	6014.7	5874.0	5710.8	5632.2	5540.3	5531.9	5504.4	5561.9
35°	5249.8	4998.6	4818.2	4624.1	4638.5	4397.7	4437.8	4250.8	4200.1	4189.1	4231.8
37.5°	4057.5	3863.0	3716.3	3571.1	3472.7	3371.0	3316.2	3266.9	3261.4	3256.6	3286.6
40°	3175.9	3039.7	2933.2	2833.5	2765.8	2703.7	2669.4	2642.4	2636.0	2632.4	2650.5
42.5°	2570.4	2478.5	2409.8	2349.1	2307.9	2274.1	2255.3	2240.3	2235.2	2235.4	2246.1
45°	2171.7	2116.0	2071.7	2033.8	2007.6	2019.1	1985.1	2003.0	1979.5	2003.8	1987.7
47.5°	1912.5	1865.0	1837.6	1810.9	1794.9	1782.1	1782.6	1782.8	1787.8	1788.7	1793.8
50°	1712.5	1685.0	1666.0	1648.8	1640.5	1633.9	1636.2	1637.9	1642.8	1643.2	1647.0
52.5°	1564.5	1546.4	1534.9	1524.3	1520.6	1516.7	1518.3	1517.6	1519.9	1518.7	1521.9
55°	1444.0	1435.4	1431.9	1427.9	1428.4	1427.4	1428.1	1424.3	1422.0	1419.1	1421.7
57.5°	1345.1	1343.9	1346.4	1348.0	1352.6	1354.2	1355.2	1350.7	1346.6	1342.8	1345.0
60°	1268.9	1270.8	1276.8	1281.7	1288.2	1291.2	1293.1	1290.5	1287.5	1284.4	1286.3
62.5°	1193.8	1196.7	1203.9	1209.4	1217.3	1221.4	1225.9	1226.1	1227.3	1226.1	1227.4
65°	1106.6	1110.2	1116.7	1121.2	1128.6	1132.2	1136.8	1137.6	1140.2	1139.7	1141.8
67.5°	1040.3	1043.6	1049.1	1053.3	1059.9	1063.6	1067.6	1067.8	1068.8	1068.5	1070.6
70°	969.6	971.3	976.1	979.7	986.2	990.0	994.7	996.1	999.0	999.5	1001.8
72.5°	894.3	893.6	896.5	898.1	903.0	906.0	911.9	915.2	920.1	921.3	923.1
75°	812.1	811.4	815.0	816.4	820.5	823.5	830.2	834.4	842.0	845.1	844.3
77.5°	717.1	718.8	725.3	728.9	734.5	738.3	747.0	753.8	767.6	773.7	767.5
80°	610.8	612.6	619.3	622.8	630.0	634.7	644.3	652.4	664.8	667.5	664.0
82.5°	480.3	480.7	486.7	489.4	498.8	505.7	517.9	524.4	532.0	530.8	529.9
85°	327.4	331.9	339.4	347.0	358.6	369.8	381.3	390.9	384.1	394.7	382.8
87.5°	175.1	174.6	184.7	183.1	199.5	208.9	218.9	223.6	228.9	227.9	228.0
90°	54.9	52.0	51.7	48.5	49.0	45.7	47.0	43.9	45.8	42.0	47.7
92.5°	56.3	54.0	51.4	49.0	46.4	44.1	41.5	39.0	36.5	34.1	36.5
95°	68.7	66.4	64.2	61.8	59.5	57.2	55.0	52.7	50.4	48.1	51.0
97.5°	84.6	83.2	81.9	80.6	79.3	77.9	76.6	75.3	73.9	72.5	74.5
100°	95.5	95.5	95.5	95.5	95.1	95.1	95.1	95.1	95.1	95.1	96.7
102.5°	181.3	177.0	172.6	168.1	163.8	159.4	155.1	150.6	146.3	142.0	148.4
105°	407.7	390.7	373.4	356.4	339.1	322.1	304.9	287.9	270.7	253.7	271.3
107.5°	755.5	724.3	693.0	661.9	630.6	599.4	568.3	537.2	506.0	474.8	502.8
110°	1053.8	1020.6	987.5	954.4	921.3	888.1	855.1	822.0	789.0	755.9	782.6



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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°	1174.7	1153.0	1131.6	1110.3	1088.9	1067.6	1046.2	1025.0	1003.8	982.5	995.4
115°	1158.7	1148.5	1138.3	1128.2	1117.9	1107.6	1097.4	1087.4	1077.3	1067.2	1068.0
117.5°	1063.1	1059.4	1056.0	1052.5	1049.1	1045.7	1042.4	1039.2	1035.8	1032.7	1025.4
120°	925.1	926.0	926.8	927.9	929.0	930.2	931.2	932.5	933.8	935.1	925.5
122.5°	789.1	791.4	793.8	796.3	798.8	801.4	804.1	806.9	809.8	812.6	803.0
125°	671.0	673.2	675.6	677.9	680.2	683.0	685.6	688.4	691.3	694.2	686.0
127.5°	586.1	586.7	587.2	588.2	589.0	590.1	591.1	592.4	593.7	595.1	590.0
130°	532.7	531.6	530.4	529.5	528.4	527.8	527.1	526.6	526.1	525.8	523.6
132.5°	502.3	500.0	497.6	495.4	493.3	491.4	489.5	488.0	486.3	484.9	484.2
135°	486.1	483.0	479.9	477.0	474.0	471.4	468.8	466.5	464.1	461.9	462.4
137.5°	475.6	472.6	469.5	466.6	463.5	461.1	458.4	455.9	453.6	451.5	452.4
140°	472.3	469.2	466.2	463.3	460.6	457.9	455.4	453.0	450.6	448.6	449.1
142.5°	467.3	464.7	461.8	459.3	456.6	454.3	451.9	449.9	447.5	445.8	446.4
145°	463.7	461.8	459.7	457.7	455.9	454.2	452.1	450.7	449.2	448.1	448.4
147.5°	458.4	457.1	455.4	453.9	452.3	451.2	449.9	448.8	447.7	446.8	446.9
150°	450.7	449.8	448.7	447.8	446.9	446.1	445.3	444.6	443.9	443.3	443.2
152.5°	442.0	441.2	440.3	439.5	438.7	438.0	437.3	436.7	436.2	435.6	435.5
155°	431.7	431.2	430.8	430.6	430.2	430.1	429.7	429.8	429.5	429.5	429.6
157.5°	425.8	425.8	425.6	425.7	425.7	425.8	425.7	426.0	425.9	426.1	426.4
160°	423.2	423.1	422.8	422.8	422.7	422.5	422.4	422.5	422.4	422.4	422.8
162.5°	420.6	420.9	421.0	421.3	421.6	421.8	422.2	422.7	422.9	423.3	423.7
165°	422.1	422.0	422.0	421.9	422.0	422.1	422.2	422.4	422.5	422.7	423.3
167.5°	422.2	422.5	422.6	422.9	423.2	423.6	423.9	424.4	424.9	425.5	426.0
170°	425.6	425.6	425.6	425.6	425.6	425.8	425.9	426.0	426.2	426.5	426.8
172.5°	430.3	430.3	430.1	430.3	430.1	430.3	430.3	430.4	430.4	430.5	430.7
175°	432.2	432.6	432.8	433.1	433.2	433.3	433.5	433.7	433.9	434.2	434.2
177.5°	434.8	434.9	434.9	434.9	434.9	435.0	435.0	435.0	435.0	434.9	435.1
180°	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5



TEST NUMBER: P1444395  
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**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2
2.5°	31770.0	31754.0	31770.3	31753.8	31770.3	31750.5	31763.9	31742.5	31748.0	31725.8	31731.4
5°	32971.2	32945.9	32959.4	32926.4	32929.9	32885.9	32885.1	32834.0	32820.4	32762.2	32736.6
7.5°	33942.6	33934.3	33938.9	33917.7	33915.3	33885.3	33871.0	33828.7	33802.1	33748.4	33711.8
10°	33788.8	33813.6	33820.0	33845.2	33850.4	33875.5	33880.7	33905.7	33910.9	33929.4	33929.6
12.5°	32250.9	32335.0	32355.1	32458.9	32502.7	32621.6	32685.2	32816.2	32894.0	33024.6	33104.8
15°	29288.1	29433.6	29491.7	29694.5	29806.7	30043.5	30192.2	30464.0	30655.9	30944.6	31150.7
17.5°	25210.6	25413.8	25505.5	25780.6	25960.0	26309.5	26561.3	26975.9	27293.2	27754.0	28119.1
20°	20688.7	20914.7	21039.2	21353.0	21564.7	21973.0	22287.4	22796.8	23221.6	23805.4	24304.7
22.5°	16314.2	16529.2	16667.5	16986.7	17225.0	17650.9	18002.4	18540.1	19016.0	19673.9	20272.4
25°	12526.2	12723.3	12848.2	13137.0	13360.9	13752.2	14087.8	14604.9	15070.6	15730.4	16344.2
27.5°	9576.1	9741.2	9861.7	10107.9	10305.3	10637.2	10925.5	11352.8	11754.1	12324.9	12871.5
30°	7331.3	7477.6	7594.8	7809.3	7992.3	8280.1	8533.5	8892.5	9224.6	9678.8	10113.6
32.5°	5602.4	5728.3	5832.7	6020.4	6186.5	6445.6	6673.9	6988.6	7273.7	7658.9	8016.6
35°	4271.6	4519.4	4501.9	4760.7	4802.3	4988.3	5192.0	5467.2	5719.6	6047.1	6351.7
37.5°	3315.5	3385.1	3459.8	3574.2	3694.5	3863.7	4035.8	4371.9	4495.2	4742.8	4994.8
40°	2673.5	2720.7	2770.0	2847.3	2931.4	3050.7	3176.0	3336.4	3500.7	3701.4	3906.4
42.5°	2260.3	2286.9	2318.3	2363.8	2415.6	2491.2	2575.1	2683.8	2798.1	2939.4	3083.6
45°	2019.4	2006.8	2016.1	2040.5	2071.8	2117.7	2170.7	2238.0	2312.3	2403.9	2501.3
47.5°	1794.9	1800.1	1802.8	1816.1	1832.8	1863.6	1895.7	1941.4	2029.7	2056.5	2109.7
50°	1646.6	1649.1	1648.3	1655.0	1663.5	1683.5	1704.3	1735.3	1766.2	1807.1	1846.2
52.5°	1522.3	1525.8	1525.3	1529.7	1534.3	1547.0	1560.1	1582.0	1602.2	1628.2	1650.7
55°	1424.2	1428.9	1430.8	1434.5	1436.7	1443.4	1448.6	1459.0	1467.7	1482.4	1496.0
57.5°	1348.7	1355.2	1358.2	1359.5	1356.8	1356.5	1354.8	1357.0	1358.7	1366.6	1374.3
60°	1289.3	1294.5	1295.4	1294.5	1289.6	1286.2	1280.5	1278.8	1277.9	1281.7	1285.9
62.5°	1227.0	1229.0	1227.7	1226.1	1220.6	1217.2	1211.4	1209.3	1207.3	1210.0	1212.2
65°	1141.0	1142.6	1141.0	1140.1	1135.1	1132.4	1127.6	1125.9	1123.1	1123.8	1123.3
67.5°	1071.2	1072.8	1071.5	1070.1	1066.7	1065.1	1061.5	1059.1	1055.8	1054.5	1052.2
70°	1001.4	1002.7	1000.7	999.5	995.6	994.1	990.6	989.9	987.3	986.7	984.0
72.5°	921.3	921.4	918.7	917.9	915.0	914.9	913.4	914.8	914.6	916.0	915.4
75°	839.4	838.2	834.7	834.1	831.9	832.9	831.4	833.4	833.6	836.7	837.1
77.5°	757.3	752.9	746.4	743.2	738.8	738.2	735.7	737.4	736.8	740.3	741.7
80°	653.5	648.3	639.8	635.8	630.5	629.7	627.4	629.7	628.5	632.6	635.5
82.5°	521.8	517.2	508.4	505.1	499.2	499.7	497.1	499.7	499.4	505.4	508.8
85°	385.9	382.9	373.8	365.9	356.9	351.6	346.5	345.6	344.1	346.5	348.6
87.5°	222.9	220.2	213.0	208.4	192.7	193.4	187.3	186.9	185.4	183.9	187.3
90°	47.4	52.4	52.3	56.8	57.2	62.4	63.2	68.1	68.4	73.5	74.5
92.5°	39.0	41.5	44.0	46.4	48.9	51.4	53.9	56.3	61.6	66.7	72.2
95°	53.8	56.7	59.5	62.4	65.2	68.1	70.9	73.8	81.5	89.3	97.1
97.5°	76.5	78.2	80.1	82.0	83.9	85.8	87.7	89.6	98.1	106.4	114.8
100°	98.2	99.7	101.2	102.8	104.3	105.8	107.4	108.9	125.3	141.5	157.6
102.5°	154.9	161.3	167.8	174.3	180.8	187.3	193.7	200.2	237.3	274.3	311.4
105°	289.0	306.6	324.4	342.2	359.8	377.5	395.2	412.9	472.2	531.5	591.1
107.5°	530.7	558.6	586.5	614.6	642.5	670.5	698.4	726.5	784.3	842.4	900.2
110°	809.1	835.9	862.4	889.1	915.7	942.4	969.0	996.0	1030.8	1065.4	1100.2



TEST NUMBER: P1444395  
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**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	1008.4	1021.3	1034.3	1047.3	1060.4	1073.6	1086.6	1099.7	1117.1	1134.5	1151.9
115°	1068.8	1069.6	1070.5	1071.6	1072.5	1073.4	1074.6	1075.6	1081.2	1086.7	1092.2
117.5°	1018.4	1011.2	1004.3	997.2	990.2	983.5	976.6	969.9	968.7	967.7	966.9
120°	916.1	906.6	897.1	887.5	878.3	869.0	859.9	850.8	846.1	841.5	837.1
122.5°	793.5	784.1	774.7	765.2	756.0	747.0	738.0	729.0	725.9	722.6	719.6
125°	678.0	670.2	662.4	654.7	647.2	639.7	632.3	625.1	625.1	624.9	625.1
127.5°	585.2	580.4	575.7	571.3	567.0	562.5	558.3	553.9	556.3	558.5	560.7
130°	521.5	519.4	517.6	515.7	514.2	512.6	511.0	509.5	513.4	517.1	520.9
132.5°	484.1	483.7	483.7	483.6	483.8	484.0	484.4	484.5	489.0	493.2	497.6
135°	463.0	463.6	464.6	465.5	466.8	467.8	469.1	470.2	474.5	478.5	482.8
137.5°	453.4	454.5	455.8	457.0	458.6	460.1	461.7	463.2	466.7	469.9	473.2
140°	450.1	450.8	452.0	453.1	454.4	455.5	457.0	458.2	461.1	463.6	466.3
142.5°	447.4	447.9	449.0	450.1	451.3	452.3	453.6	454.8	456.8	458.7	461.0
145°	449.0	449.6	450.5	451.0	451.9	452.8	453.8	454.8	456.2	457.3	458.7
147.5°	447.4	447.7	448.3	448.9	449.6	450.2	450.7	451.3	452.3	453.1	454.0
150°	443.5	443.6	443.9	444.1	444.6	445.0	445.5	445.7	446.5	447.2	448.1
152.5°	435.9	435.9	436.2	436.4	436.8	437.1	437.3	437.7	438.5	439.0	439.8
155°	429.9	430.4	430.8	431.2	431.9	432.1	432.7	433.0	433.6	434.0	434.6
157.5°	426.8	427.1	427.6	427.9	428.4	428.8	429.3	429.6	430.2	430.5	431.0
160°	423.5	424.1	424.7	425.2	425.9	426.4	427.1	427.8	428.2	428.6	429.0
162.5°	424.2	424.6	425.1	425.4	425.9	426.3	426.7	427.1	427.9	428.4	429.1
165°	423.9	424.5	425.3	425.6	426.4	427.0	427.6	428.2	428.6	429.0	429.4
167.5°	426.6	427.0	427.8	428.3	428.9	429.5	430.1	430.7	431.1	431.4	431.9
170°	427.4	427.9	428.5	428.9	429.4	429.9	430.5	431.0	431.7	432.2	432.8
172.5°	431.2	431.7	432.1	432.3	432.8	433.3	433.7	434.1	434.6	435.0	435.5
175°	434.2	434.2	434.3	434.4	434.6	434.6	434.7	434.9	435.0	435.1	435.2
177.5°	435.3	435.5	435.7	435.8	436.0	436.2	436.4	436.6	436.6	436.6	436.6
180°	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5



TEST NUMBER: P1444395  
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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°	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2
2.5°	31709.2	31710.7	31685.0	31683.7	31659.7	31656.7	31633.4	31626.2	31607.2	31600.4	31581.1
5°	32671.3	32640.1	32568.2	32525.8	32454.7	32407.6	32330.6	32280.3	32206.1	32150.0	32075.2
7.5°	33644.3	33595.9	33515.0	33449.6	33350.9	33272.1	33156.5	33061.9	32936.8	32828.5	32697.1
10°	33929.6	33922.2	33901.6	33871.6	33825.7	33774.1	33695.5	33613.4	33503.8	33384.7	33238.7
12.5°	33227.5	33303.4	33406.7	33468.0	33542.5	33575.2	33605.8	33598.1	33578.0	33517.8	33433.3
15°	31448.9	31661.9	31944.0	32162.7	32414.2	32597.0	32798.9	32924.7	33050.2	33108.1	33143.5
17.5°	28619.5	29022.9	29528.8	29947.9	30431.6	30820.1	31246.0	31566.6	31896.2	32132.4	32346.0
20°	24985.2	25569.7	26285.1	26917.1	27651.9	28290.6	28990.5	29565.0	30157.5	30620.8	31059.3
22.5°	21043.1	21737.3	22602.2	23403.5	24350.8	25202.3	26163.0	26999.0	27872.0	28601.3	29306.5
25°	17166.8	17928.0	18873.7	19767.7	20840.7	21831.1	22970.4	24012.4	25140.7	26120.4	27088.1
27.5°	13627.2	14374.5	15340.0	16291.6	17426.2	18481.6	19702.2	20850.4	22135.0	23319.8	24531.7
30°	10717.9	11351.8	12217.5	13139.2	14258.3	15332.2	16566.1	17746.9	19083.3	20377.0	21742.0
32.5°	8491.4	8974.3	9655.0	10434.4	11466.9	12489.2	13664.1	14803.9	16120.1	17426.8	18846.6
35°	6743.8	7120.4	7639.3	8247.6	9122.0	10003.1	11042.4	12079.0	13306.9	14546.9	15926.9
37.5°	5317.8	5623.5	6029.9	6486.8	7188.1	7911.3	8763.5	9622.8	10689.7	11788.9	13039.5
40°	4152.6	4400.0	4716.5	5057.2	5586.8	6144.0	6803.1	7469.5	8326.7	9225.0	10260.0
42.5°	3262.2	3444.8	3668.3	3917.2	4411.3	4707.2	5154.1	5636.1	6266.3	6918.4	7696.6
45°	2619.9	2744.4	2899.4	3066.4	3295.7	3546.6	3852.8	4173.6	4772.4	5066.0	5539.2
47.5°	2187.8	2271.5	2370.0	2475.3	2610.6	2756.5	2938.0	3123.6	3363.6	3612.3	3904.0
50°	1896.9	1981.9	2015.7	2070.3	2148.6	2231.9	2334.2	2436.5	2565.3	2695.7	2845.9
52.5°	1680.9	1708.6	1745.5	1780.1	1828.6	1923.6	1954.2	2007.7	2080.0	2150.5	2229.4
55°	1516.0	1534.1	1558.0	1579.0	1608.2	1636.3	1676.8	1712.4	1760.5	1803.1	1855.3
57.5°	1387.7	1399.2	1415.8	1429.6	1448.5	1464.3	1488.0	1507.3	1535.0	1559.1	1590.8
60°	1294.3	1302.1	1313.2	1322.2	1334.3	1342.6	1354.3	1363.4	1378.0	1390.2	1407.9
62.5°	1218.3	1222.2	1229.5	1234.7	1242.4	1246.6	1252.9	1256.8	1264.9	1271.0	1280.9
65°	1126.9	1127.8	1132.6	1134.8	1140.9	1143.1	1148.2	1150.1	1156.7	1161.3	1169.9
67.5°	1052.0	1049.9	1050.0	1048.3	1049.1	1047.2	1047.7	1045.9	1048.6	1050.0	1056.6
70°	983.6	980.6	979.7	976.6	975.6	972.4	971.5	968.5	968.2	967.3	969.6
72.5°	916.9	916.1	916.4	914.2	914.0	911.7	911.8	910.4	911.9	912.6	915.7
75°	840.3	840.5	842.0	840.1	840.6	838.8	839.5	837.8	838.7	838.3	841.3
77.5°	747.1	749.3	753.3	752.5	753.8	751.7	752.6	750.2	750.9	749.3	750.4
80°	642.1	646.8	652.2	652.0	654.3	652.8	654.9	652.6	653.5	650.7	650.0
82.5°	517.6	521.6	527.4	527.6	532.8	533.7	539.3	539.1	542.7	540.4	538.8
85°	353.9	356.6	361.6	364.5	369.7	372.9	378.4	380.6	376.7	383.8	378.2
87.5°	184.7	191.6	187.8	196.8	194.6	203.7	201.8	210.2	208.5	215.7	214.8
90°	80.8	82.3	89.0	90.8	98.6	101.1	103.7	100.6	102.8	99.9	102.3
92.5°	77.3	82.9	88.3	93.5	98.9	104.3	99.3	94.3	89.4	84.6	79.5
95°	104.8	112.7	120.5	128.2	136.0	143.8	135.4	127.1	118.9	110.5	102.1
97.5°	123.2	131.5	139.8	148.2	156.7	165.1	155.2	145.3	135.4	125.6	115.8
100°	173.7	190.0	206.1	222.3	238.5	254.7	236.3	217.9	199.6	181.1	162.8
102.5°	348.7	385.7	422.9	460.0	497.0	534.2	495.1	456.3	417.2	378.2	339.0
105°	650.4	709.8	769.2	828.5	887.9	947.6	884.2	820.8	757.6	694.4	630.9
107.5°	958.1	1016.1	1074.2	1132.0	1190.0	1248.1	1184.0	1119.7	1055.5	991.3	927.1
110°	1135.2	1169.9	1204.8	1239.9	1274.6	1309.7	1262.8	1216.0	1169.1	1122.2	1075.5



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**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	1169.4	1187.0	1204.4	1222.1	1239.6	1257.1	1223.6	1190.3	1156.7	1123.4	1089.7
115°	1097.9	1103.5	1109.3	1114.9	1120.5	1126.2	1103.7	1081.1	1058.7	1036.1	1013.4
117.5°	966.0	965.3	964.2	963.6	962.6	961.8	949.3	936.7	924.0	911.4	898.8
120°	832.3	828.0	823.4	818.9	814.4	809.7	804.5	799.2	793.9	788.6	783.1
122.5°	716.4	713.5	710.2	707.3	704.0	700.9	698.9	697.0	694.9	692.9	690.8
125°	625.1	625.1	625.0	625.1	624.9	625.0	624.0	623.1	622.0	621.1	620.0
127.5°	562.8	565.1	567.2	569.4	571.4	573.5	573.3	573.2	573.0	572.8	572.6
130°	524.5	528.5	532.0	535.7	539.2	542.9	542.3	541.9	541.4	540.9	540.4
132.5°	501.9	506.1	510.4	514.7	518.7	523.0	522.3	521.8	520.8	520.3	519.6
135°	486.7	491.0	494.8	499.0	502.7	506.6	505.7	505.0	504.0	503.3	502.4
137.5°	476.3	479.8	482.9	486.1	489.1	492.3	491.3	490.6	489.5	488.9	487.9
140°	468.8	471.3	473.7	476.3	478.8	481.3	480.1	479.0	477.9	476.8	475.4
142.5°	462.8	464.8	466.6	468.6	470.4	472.3	470.4	468.9	467.3	465.7	464.0
145°	460.0	461.3	462.5	463.8	464.6	466.1	464.1	462.3	460.2	458.4	456.5
147.5°	454.9	455.7	456.2	457.1	457.5	458.4	456.5	454.7	452.8	450.8	449.0
150°	448.6	449.4	450.0	450.6	451.2	451.9	449.9	448.0	445.9	444.1	442.0
152.5°	440.5	441.0	441.6	442.1	442.7	443.3	441.2	439.7	437.7	435.7	433.9
155°	434.9	435.4	435.7	436.1	436.2	436.6	434.9	433.5	431.9	430.3	428.6
157.5°	431.3	431.9	432.2	432.5	432.7	433.0	431.9	430.7	429.3	428.2	426.9
160°	429.4	429.7	430.1	430.3	430.6	430.8	429.8	429.0	427.9	426.8	425.7
162.5°	429.6	430.1	430.6	431.0	431.5	432.1	430.8	429.7	428.5	427.3	425.9
165°	429.7	430.1	430.4	430.8	430.9	431.2	430.4	429.7	428.8	428.0	427.1
167.5°	432.2	432.6	432.9	433.2	433.3	433.5	432.8	432.1	431.1	430.2	429.3
170°	433.1	433.5	434.0	434.4	434.8	435.1	434.5	433.9	433.1	432.5	431.7
172.5°	435.9	436.2	436.4	436.9	437.1	437.5	436.8	436.1	435.4	434.7	433.9
175°	435.2	435.4	435.6	435.6	435.6	435.7	435.1	434.6	434.0	433.4	432.9
177.5°	436.6	436.6	436.6	436.5	436.5	436.5	436.1	435.7	435.4	435.0	434.5
180°	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5



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**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2	31377.2
2.5°	31574.2	31560.5	31551.6	31540.4	31533.6	31524.8	31518.4	31513.0	31508.5	31504.5	31501.5
5°	32018.2	31947.7	31892.9	31833.5	31784.8	31736.3	31698.7	31667.8	31646.4	31630.3	31620.7
7.5°	32583.5	32454.3	32339.5	32218.5	32110.1	32003.5	31911.5	31832.4	31773.0	31734.5	31711.2
10°	33088.3	32915.4	32744.4	32564.3	32393.6	32228.0	32075.2	31940.8	31834.4	31763.6	31722.4
12.5°	33314.6	33167.2	32992.6	32797.1	32587.9	32376.3	32169.9	31983.9	31827.8	31723.0	31662.5
15°	33115.3	33054.8	32936.3	32784.5	32586.1	32367.2	32124.9	31897.3	31687.8	31552.0	31473.3
17.5°	32467.0	32551.4	32542.4	32484.4	32341.6	32157.4	31910.5	31654.9	31392.8	31211.3	31112.1
20°	31372.9	31638.3	31773.0	31842.0	31786.0	31666.6	31443.1	31183.5	30878.1	30641.1	30496.5
22.5°	29835.5	30304.0	30596.0	30809.6	30855.0	30814.3	30617.0	30370.1	30029.8	29744.8	29531.2
25°	27856.3	28542.8	29004.2	29365.9	29506.4	29542.7	29374.8	29129.3	28749.8	28418.0	28124.6
27.5°	25525.1	26417.0	27033.1	27519.2	27738.6	27833.8	27679.2	27428.8	26979.9	26583.6	26200.4
30°	22900.6	23958.8	24700.6	25283.4	25550.9	25676.6	25512.4	25232.9	24710.5	24233.8	23750.9
32.5°	20091.5	21249.5	22057.8	22690.8	22955.9	23074.1	22859.3	22545.3	21941.6	21379.9	20816.9
35°	17150.6	18319.3	19134.5	19750.6	19972.8	20044.0	19769.3	19406.4	18737.5	18121.0	17507.1
37.5°	14149.6	15237.0	15977.9	16530.9	16668.3	16680.6	16349.6	15948.9	15245.8	14637.9	14026.7
40°	11174.7	12091.7	12689.9	13132.4	13180.2	13137.6	12777.8	12374.4	11716.6	11172.1	10635.6
42.5°	8372.4	9064.6	9491.4	9794.7	9776.6	9692.6	9362.6	9015.9	8473.3	8058.5	7636.2
45°	5971.6	6428.0	6677.6	6855.0	6798.0	6717.9	6461.1	6218.2	5849.4	5581.5	5297.8
47.5°	4148.5	4693.6	4598.7	4945.7	4646.7	4844.2	4433.0	4206.3	4010.7	3868.3	3708.0
50°	2970.0	3094.9	3155.2	3196.4	3174.5	3144.1	3070.3	3004.3	2914.9	2849.7	2773.8
52.5°	2293.7	2356.1	2390.3	2415.0	2410.2	2399.1	2366.9	2337.4	2295.7	2268.0	2234.8
55°	1942.8	1943.7	2006.7	1979.7	2019.5	1972.8	1991.2	1939.4	1947.8	1903.4	1873.5
57.5°	1614.4	1640.0	1651.5	1662.6	1659.5	1657.6	1645.1	1638.8	1624.8	1620.5	1610.5
60°	1420.1	1433.5	1436.3	1441.4	1437.1	1435.4	1425.7	1422.2	1412.8	1411.0	1404.4
62.5°	1286.9	1293.7	1293.7	1293.7	1288.1	1282.7	1271.9	1266.3	1258.2	1256.5	1252.7
65°	1175.7	1182.7	1184.0	1185.5	1181.3	1177.2	1167.6	1161.5	1153.2	1150.1	1145.6
67.5°	1060.9	1068.4	1071.1	1074.9	1072.6	1071.7	1065.2	1062.8	1057.3	1056.0	1052.0
70°	970.8	973.9	973.7	973.6	968.4	963.9	956.3	952.7	947.0	945.8	942.2
72.5°	917.2	919.4	918.0	916.0	909.4	902.7	893.8	887.3	879.8	875.2	870.0
75°	841.7	844.6	842.7	841.5	835.6	831.1	824.1	820.4	815.2	813.7	810.0
77.5°	749.0	750.4	747.4	747.1	742.5	739.7	734.4	733.4	729.6	729.7	726.2
80°	645.9	645.1	640.2	639.2	634.7	633.6	629.3	629.6	626.6	627.8	625.4
82.5°	531.4	528.5	522.2	520.2	515.0	514.6	511.8	514.1	512.3	515.0	513.4
85°	380.8	381.7	378.9	378.9	377.4	377.8	377.6	379.3	379.6	382.1	382.0
87.5°	212.3	215.3	214.8	217.5	217.4	220.6	221.7	226.3	226.9	231.2	231.2
90°	99.4	102.1	99.1	102.1	100.8	104.8	104.4	108.5	107.4	110.7	108.7
92.5°	74.6	69.6	64.8	59.7	57.3	54.5	52.6	49.5	47.4	44.6	42.2
95°	93.7	85.5	77.1	68.7	65.9	63.0	60.0	57.2	54.4	51.6	48.6
97.5°	105.9	96.1	86.2	76.3	73.8	71.3	68.7	66.3	63.8	61.3	58.8
100°	144.3	125.8	107.6	89.0	86.9	84.9	82.7	80.6	78.6	76.4	74.3
102.5°	300.0	260.9	221.8	182.6	175.3	167.8	160.4	152.9	145.5	138.0	130.7
105°	567.6	504.2	440.8	377.4	357.2	337.1	316.9	296.7	276.6	256.5	236.3
107.5°	862.8	798.3	734.0	669.7	632.5	595.3	558.1	520.7	483.6	446.3	409.0
110°	1028.6	981.6	934.5	887.4	857.6	827.6	797.6	767.5	737.8	707.5	677.5



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**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1056.1	1022.6	989.0	955.2	941.7	928.1	914.6	900.9	887.4	873.6	860.1
115°	990.7	968.2	945.4	922.5	918.0	913.1	908.4	903.5	898.7	893.8	888.8
117.5°	886.2	873.4	860.7	847.9	848.8	849.5	850.4	851.0	851.8	852.3	853.0
120°	777.7	772.4	766.9	761.5	765.7	769.8	774.0	777.8	782.0	785.7	789.6
122.5°	688.7	686.5	684.5	682.3	687.4	692.4	697.4	702.3	707.0	711.5	716.4
125°	619.1	618.0	617.0	615.8	621.0	626.0	631.0	635.8	640.8	645.4	650.0
127.5°	572.4	572.2	572.0	571.7	575.5	579.0	582.6	585.9	589.4	592.4	595.6
130°	539.9	539.3	538.9	538.3	541.6	544.9	548.2	551.1	554.2	556.9	559.6
132.5°	519.0	518.2	517.7	516.8	519.4	521.7	524.1	526.0	528.1	529.8	531.6
135°	501.6	500.6	499.8	498.7	501.1	503.3	505.4	507.2	509.3	510.9	512.5
137.5°	487.0	486.0	485.1	484.1	486.2	488.2	490.1	491.8	493.4	495.0	496.4
140°	474.4	473.2	472.2	470.9	472.7	474.4	476.2	477.7	479.3	480.4	481.7
142.5°	462.4	460.5	459.3	457.4	458.8	460.0	461.2	462.3	463.4	464.2	465.0
145°	454.6	452.4	450.6	448.7	449.7	450.6	451.6	452.6	453.2	453.8	454.6
147.5°	447.2	445.2	443.3	441.3	442.2	443.0	443.5	444.0	444.8	445.2	445.5
150°	440.1	437.9	435.9	433.8	434.5	435.0	435.4	436.0	436.6	436.8	437.1
152.5°	432.0	429.9	428.0	425.9	426.4	426.8	427.1	427.4	427.8	428.1	428.3
155°	427.0	425.3	423.6	421.8	422.3	422.6	422.7	423.0	423.2	423.4	423.4
157.5°	425.6	424.0	422.9	421.4	421.5	421.6	421.6	421.4	421.4	421.2	421.1
160°	424.7	423.4	422.3	421.1	421.1	421.1	421.1	420.9	420.7	420.5	420.2
162.5°	424.6	423.3	421.9	420.5	420.5	420.6	420.5	420.2	420.0	419.8	419.6
165°	426.2	425.2	424.2	423.1	423.0	422.7	422.6	422.1	421.9	421.5	421.1
167.5°	428.3	427.4	426.3	425.2	425.3	425.3	425.3	425.2	425.0	424.8	424.7
170°	430.9	430.0	429.3	428.4	428.2	428.1	427.8	427.6	427.2	427.0	426.7
172.5°	433.1	432.3	431.4	430.4	430.4	430.2	430.0	429.9	429.6	429.3	429.2
175°	432.2	431.5	430.8	430.2	430.0	429.9	429.8	429.7	429.5	429.4	429.1
177.5°	434.1	433.8	433.2	432.8	432.6	432.6	432.5	432.4	432.4	432.3	432.2
180°	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5	434.5



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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	31377.2	31377.2
2.5°	31498.7	31497.0
5°	31615.8	31613.9
7.5°	31704.8	31704.3
10°	31715.3	31720.7
12.5°	31652.0	31656.5
15°	31467.3	31475.9
17.5°	31113.9	31125.2
20°	30505.3	30517.1
22.5°	29519.7	29524.6
25°	28086.6	28066.3
27.5°	26133.0	26098.0
30°	23649.4	23615.6
32.5°	20688.4	20667.2
35°	17355.3	17342.0
37.5°	13846.1	13818.9
40°	10439.3	10360.0
42.5°	7451.4	7312.1
45°	5149.5	4984.6
47.5°	3594.9	3493.0
50°	2724.8	2691.9
52.5°	2220.3	2212.6
55°	1873.4	1870.0
57.5°	1612.7	1611.5
60°	1407.9	1407.6
62.5°	1255.2	1255.8
65°	1147.6	1147.8
67.5°	1053.0	1052.3
70°	943.5	942.7
72.5°	868.2	866.9
75°	810.0	809.2
77.5°	727.3	726.0
80°	627.0	625.4
82.5°	515.7	513.9
85°	384.6	384.8
87.5°	235.4	235.3
90°	111.9	109.3
92.5°	40.0	37.7
95°	45.8	43.0
97.5°	56.4	53.9
100°	72.2	70.1
102.5°	123.2	115.8
105°	216.2	196.0
107.5°	371.8	334.6
110°	647.5	617.5



TEST NUMBER: P1444395  
CATALOG NUMBER: EHBR1-36-UNV-TA-L840-UPL30

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	846.2	832.5
115°	883.7	878.7
117.5°	853.4	853.8
120°	793.2	797.0
122.5°	720.6	725.1
125°	654.2	658.7
127.5°	598.4	601.3
130°	561.9	564.4
132.5°	533.2	534.5
135°	513.7	514.9
137.5°	497.3	498.4
140°	482.4	483.3
142.5°	465.7	466.3
145°	455.0	455.4
147.5°	445.4	445.7
150°	437.2	437.4
152.5°	428.2	428.4
155°	423.4	423.4
157.5°	420.7	420.6
160°	419.9	419.7
162.5°	419.3	419.1
165°	420.5	420.0
167.5°	424.4	424.3
170°	426.3	426.1
172.5°	428.9	428.6
175°	429.0	428.9
177.5°	432.2	432.0
180°	434.5	434.5



TEST NUMBER: P1444395  
 CATALOG NUMBER: EHBR1-36-UNV-TA-L840-UPL30

**CIE UGR TABLE:**

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	16.69	17.75	17.20	18.23	18.76	15.07	16.13	15.58	16.61	17.14
	3H	18.24	19.18	18.77	19.68	20.25	17.50	18.44	18.03	18.94	19.51
	4H	19.03	19.91	19.58	20.43	21.01	18.61	19.49	19.16	20.01	20.59
	6H	19.80	20.61	20.36	21.14	21.74	19.66	20.46	20.22	20.99	21.59
	8H	20.11	20.88	20.69	21.43	22.03	20.09	20.86	20.67	21.41	22.01
	12H	20.36	21.09	20.94	21.63	22.26	20.45	21.18	21.02	21.72	22.35
4H	2H	17.07	17.95	17.62	18.46	19.05	15.78	16.66	16.33	17.17	17.76
	3H	18.94	19.67	19.50	20.23	20.83	18.40	19.13	18.96	19.69	20.29
	4H	19.94	20.60	20.52	21.17	21.81	19.66	20.31	20.24	20.88	21.52
	6H	20.90	21.46	21.50	22.06	22.72	20.84	21.40	21.44	22.00	22.66
	8H	21.28	21.81	21.89	22.41	23.07	21.34	21.87	21.95	22.46	23.12
	12H	21.59	22.06	22.22	22.68	23.35	21.75	22.22	22.38	22.84	23.51
8H	4H	20.32	20.84	20.93	21.44	22.10	20.07	20.60	20.68	21.19	21.86
	6H	21.48	21.90	22.11	22.55	23.22	21.42	21.85	22.06	22.49	23.16
	8H	21.98	22.37	22.64	23.02	23.70	22.02	22.41	22.68	23.06	23.74
	12H	22.41	22.75	23.06	23.38	24.14	22.55	22.89	23.20	23.52	24.28
12H	4H	20.36	20.83	20.99	21.45	22.12	20.13	20.59	20.75	21.22	21.88
	6H	21.59	21.97	22.24	22.62	23.30	21.54	21.92	22.19	22.57	23.25
	8H	22.17	22.51	22.83	23.14	23.90	22.21	22.54	22.86	23.18	23.93

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-1

Test Date: 07/30/2025

Luminaire Tested: EHBR-60-L840-N

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

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2506-472-1  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Photometer: SP1 - 76IN SPHERE  
 Measurement Geometry: 4π  
 Issue Date: 08/05/2025  
 Manufacturer: COOPER LIGHTING SOLUTIONS  
 Product Line: Metalux  
 Catalog Number: **EHBR-60-L840-N**  
 Description: Elevate Round Highbay at, 60000 lumens, 4000K 80CRI LEDs with N lens

**Spectral Parameters**

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

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



**Test Conditions**

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

REPORT NUMBER: SP1-2506-472-1

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

REPORT NUMBER: SP1-2506-472-1

CIE 1931 Chromaticity Diagram



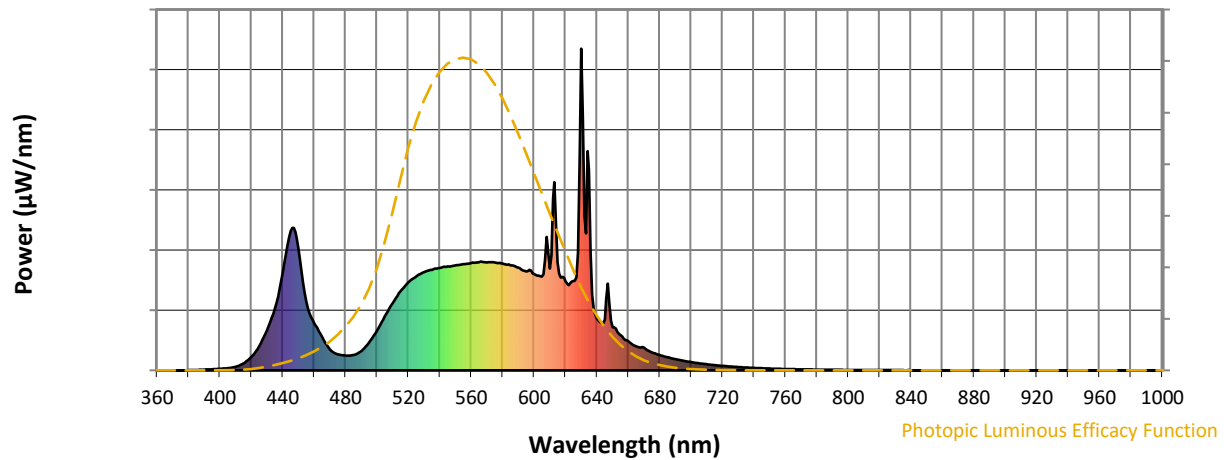
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-1

**Photopic Flux vs. Wavelength**



**Photopic Lumens: NR**

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

REPORT NUMBER: SP1-2506-472-1

**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.55**

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

REPORT NUMBER: SP1-2506-472-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.99

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

**Summary**

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

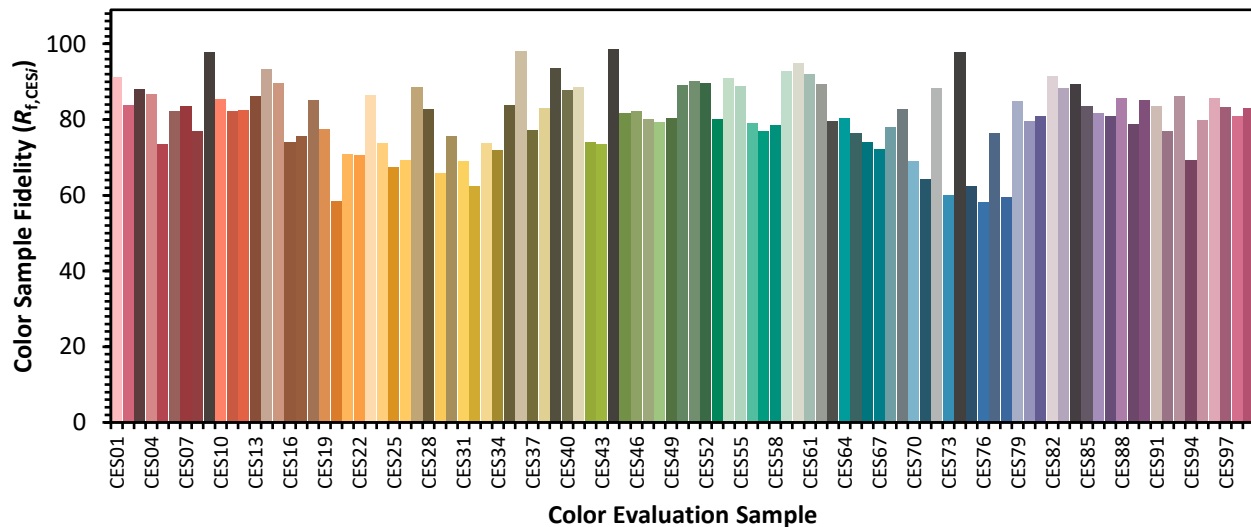


**Color Vector Graphics**



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

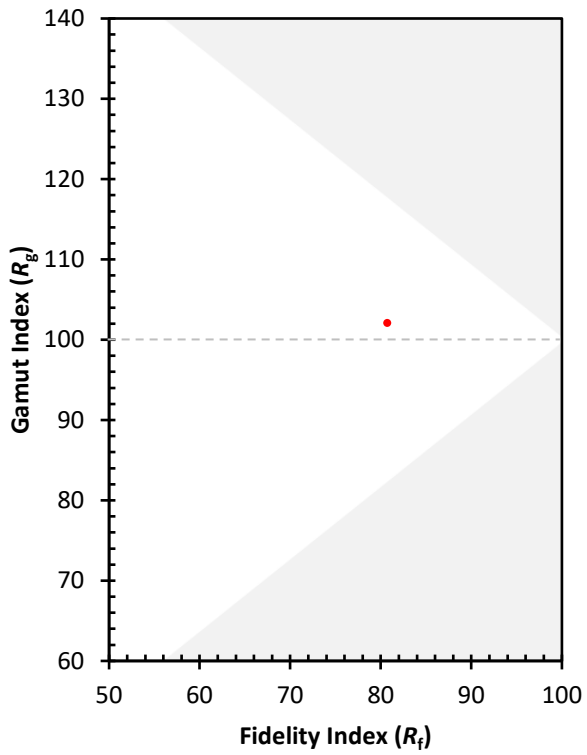
CES01 = 85	CES26 = 69	CES51 = 90	CES76 = 58
CES02 = 61	CES27 = 89	CES52 = 90	CES77 = 76
CES03 = 31	CES28 = 83	CES53 = 80	CES78 = 60
CES04 = 69	CES29 = 66	CES54 = 91	CES79 = 85
CES05 = 48	CES30 = 76	CES55 = 89	CES80 = 79
CES06 = 50	CES31 = 69	CES56 = 79	CES81 = 81
CES07 = 41	CES32 = 62	CES57 = 77	CES82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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)