

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: P1444402

Luminaire Tested: EHBR1-42-UNV-TA-L840-UPL30

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444402
REPORT IS A COMBINATION OF REPORTS P1444341 AND P1431635
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-42-UNV-TA-L840-UPL30
Description: Elevate Round Highbay at, 42000 lumens, 4000K 80CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

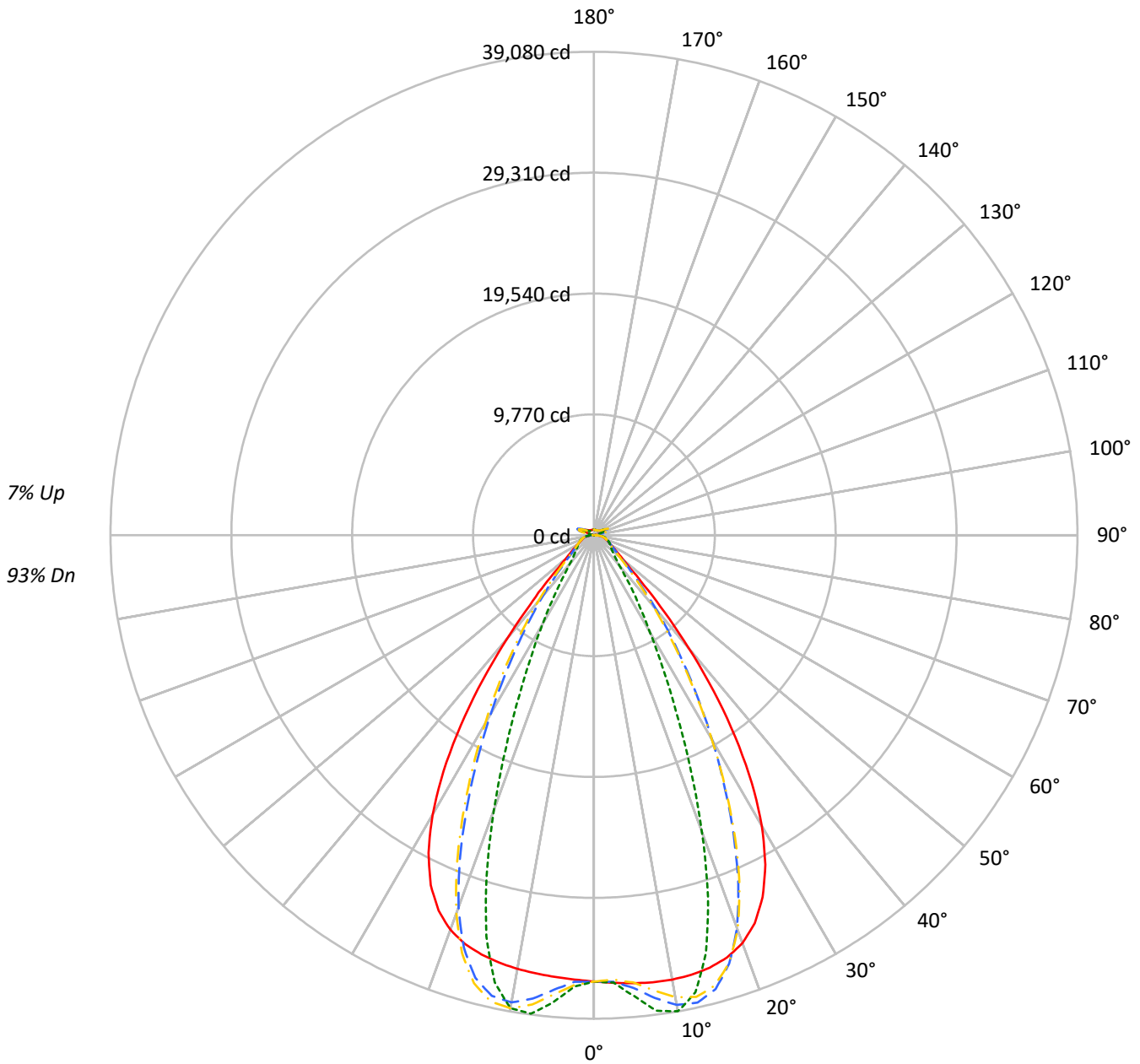
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 44842.0 lumens
Efficiency: N/A
Efficacy: 182.0 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): 246.4
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

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	117	117	117	117	114	114	114	114	107	107	107	101	101	101	95	95	95	95	95	95	93
1	110	107	104	101	107	104	101	98	98	96	94	93	92	90	89	87	86	86	86	86	84
2	103	97	92	88	100	95	91	87	90	87	84	86	83	81	82	80	78	78	78	78	76
3	97	89	83	79	94	87	82	78	84	79	75	80	76	73	77	74	71	71	71	71	69
4	91	82	76	71	89	81	75	70	77	72	68	75	70	67	72	68	65	65	65	65	63
5	86	76	70	65	84	75	69	64	72	67	63	70	65	61	67	63	60	60	60	60	58
6	81	71	64	59	79	70	63	59	67	62	58	65	60	57	63	59	56	56	56	56	54
7	76	66	59	55	75	65	59	54	63	57	53	61	56	53	59	55	52	52	52	52	50
8	72	62	55	51	71	61	55	50	59	53	50	57	52	49	56	51	48	48	48	48	47
9	69	58	51	47	67	57	51	47	56	50	46	54	49	46	53	48	45	45	45	45	44
10	65	54	48	44	64	54	48	44	52	47	43	51	46	43	50	45	42	42	42	42	41

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	169406	169406	169406	169406
5°	170226	175189	167844	177484
10°	171647	183936	167531	182719
15°	172489	166736	167238	160023
20°	170705	124213	165118	114926
25°	161580	78557	156240	71277
30°	141152	47207	135685	43143
35°	108631	29623	102383	26241
40°	68719	18581	62873	17461
45°	35419	14476	34832	14238
50°	20766	12876	20130	12675
55°	15909	12182	15320	12073
60°	13461	12444	12888	12284
65°	12644	12996	12159	12553
70°	12353	13609	11737	13095
75°	13208	14431	12495	13794
80°	13667	15981	12392	14587
85°	12869	15418	10402	13201

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 54204 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3555.2	7.9
10°-20°	10001.0	22.3
20°-30°	11390.4	25.4
30°-40°	8186.9	18.3
40°-50°	3775.8	8.4
50°-60°	1806.9	4.0
60°-70°	1318.4	2.9
70°-80°	1001.6	2.2
80°-90°	461.0	1.0
90°-100°	95.8	0.2
100°-110°	547.1	1.2
110°-120°	1010.7	2.3
120°-130°	619.2	1.4
130°-140°	399.2	0.9
140°-150°	297.0	0.7
150°-160°	207.6	0.5
160°-170°	125.5	0.3
170°-180°	43.0	0.1
0°-30°	24946.5	55.6
0°-40°	33133.4	73.9
0°-60°	38716.0	86.3
0°-90°	41497.0	92.5
90°-120°	1653.5	3.7
90°-150°	2968.9	6.6
90°-180°	3345.0	7.5
0°-180°	44842.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	36074	36074	36074	36074	36074	
5°	36346	37406	35837	37896	36346	3473
15°	36187	34980	35086	33572	36187	10196
25°	32267	15688	31201	14234	32267	14628
35°	19938	5437	18791	4816	19938	12236
45°	5731	2342	5636	2304	5731	4874
55°	2150	1646	2070	1632	2150	1984
65°	1320	1356	1269	1310	1320	1318
75°	930	1017	880	972	930	967
85°	442	530	358	454	442	416
90°	122	154	37	45	122	76
95°	44	49	44	49	44	42
105°	198	254	133	255	198	261
115°	882	1068	924	1069	882	814
125°	665	695	752	697	665	605
135°	524	464	565	468	524	409
145°	468	453	498	458	468	295
155°	438	439	466	443	438	204
165°	437	436	453	439	437	124
175°	448	452	456	453	448	43
180°	454	454	454	454	454	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8
2.5°	36211.6	36208.7	36208.1	36205.5	36204.8	36204.8	36203.6	36200.7	36198.9	36194.7	36190.0
5°	36345.9	36344.3	36345.3	36345.5	36343.0	36337.3	36328.5	36317.7	36304.1	36291.2	36279.7
7.5°	36449.8	36452.3	36455.6	36454.9	36447.0	36433.8	36415.7	36405.5	36411.6	36431.3	36476.2
10°	36468.8	36484.3	36490.3	36488.5	36472.6	36461.3	36465.8	36503.9	36580.0	36681.5	36820.2
12.5°	36394.8	36413.8	36413.2	36406.8	36391.6	36407.1	36462.5	36576.2	36739.4	36939.5	37174.3
15°	36187.3	36211.8	36204.8	36196.8	36186.6	36237.5	36348.0	36545.7	36797.5	37079.7	37368.7
17.5°	35784.2	35813.8	35799.4	35790.1	35781.6	35877.0	36067.0	36356.4	36673.6	36992.9	37266.7
20°	35084.9	35104.8	35070.5	35054.3	35068.0	35255.0	35534.8	35904.4	36238.7	36540.6	36727.8
22.5°	33943.9	33968.6	33904.0	33896.5	33976.2	34263.5	34617.6	35030.7	35344.9	35584.1	35656.2
25°	32267.3	32291.6	32214.9	32260.8	32396.4	32787.7	33209.3	33651.2	33919.3	34096.5	34047.6
27.5°	30004.4	30026.6	29953.9	30047.5	30261.8	30776.0	31272.2	31751.5	31990.4	32114.7	31957.4
30°	27150.5	27196.6	27110.6	27241.3	27568.4	28236.0	28804.5	29342.0	29580.2	29674.8	29429.8
32.5°	23760.8	23826.4	23731.7	23926.0	24382.5	25184.3	25830.3	26430.9	26694.3	26802.2	26525.6
35°	19937.7	20031.9	19923.1	20214.9	20777.8	21670.8	22386.1	23056.6	23368.5	23521.5	23242.7
37.5°	15887.3	15977.0	15918.2	16307.4	16925.6	17851.1	18581.2	19304.6	19656.9	19886.5	19666.7
40°	11910.7	11992.9	12037.4	12482.4	13063.8	13936.2	14637.5	15353.1	15747.4	16035.4	15899.9
42.5°	8406.7	8489.4	8640.8	9070.2	9555.0	10277.2	10877.8	11520.4	11897.0	12204.4	12152.1
45°	5730.6	5826.8	6016.4	6368.0	6718.6	7236.6	7677.8	8177.5	8485.1	8766.7	8770.0
47.5°	4015.7	4083.2	4252.6	4492.8	4721.4	5369.9	5396.5	5642.1	5849.0	6059.3	6086.7
50°	3094.9	3135.5	3225.4	3359.2	3488.7	3657.0	3811.2	3989.2	4116.4	4231.8	4259.4
52.5°	2543.8	2569.6	2615.3	2687.8	2762.9	2854.5	2937.0	3034.7	3104.0	3165.7	3178.7
55°	2149.9	2171.3	2239.4	2253.1	2339.1	2355.7	2392.3	2451.8	2492.0	2529.1	2538.3
57.5°	1852.7	1868.3	1882.7	1913.6	1940.0	1978.5	2009.5	2052.2	2077.6	2104.4	2106.6
60°	1618.2	1629.4	1639.7	1661.1	1679.2	1705.9	1727.3	1756.4	1774.5	1794.6	1796.8
62.5°	1443.8	1451.7	1458.6	1472.7	1485.7	1506.2	1523.2	1547.4	1564.4	1579.9	1583.3
65°	1319.7	1325.5	1330.0	1340.7	1352.0	1369.4	1384.8	1404.6	1417.0	1428.9	1431.5
67.5°	1209.8	1215.4	1220.0	1229.7	1237.4	1250.6	1260.8	1275.7	1285.1	1294.5	1294.8
70°	1083.9	1089.1	1092.5	1101.6	1107.9	1119.2	1127.5	1140.8	1150.5	1161.0	1163.7
72.5°	996.7	999.7	1004.5	1012.7	1021.4	1033.4	1044.5	1058.4	1070.0	1081.0	1085.7
75°	930.4	934.0	937.1	944.1	950.2	960.4	968.6	981.4	991.4	1003.2	1009.0
77.5°	834.6	838.8	841.5	848.6	853.8	863.5	869.7	881.1	889.3	900.0	905.3
80°	719.0	722.8	724.8	731.4	735.6	744.5	750.6	761.5	768.5	779.1	785.4
82.5°	590.8	594.5	595.6	601.9	604.2	611.6	615.9	627.2	635.7	649.6	659.3
85°	442.3	443.8	445.9	444.3	453.2	453.7	463.9	465.8	479.2	482.6	497.8
87.5°	270.4	274.4	276.5	282.6	285.3	291.5	293.3	299.9	303.5	311.0	314.4
90°	122.3	129.1	131.7	139.4	141.9	149.0	151.0	158.8	161.4	169.5	173.3
92.5°	38.5	41.0	43.3	46.1	48.6	51.9	54.8	57.5	60.1	63.3	68.3
95°	43.8	46.6	49.4	52.4	55.2	58.0	60.8	63.8	66.6	69.4	77.7
97.5°	54.8	57.3	59.7	62.3	64.7	67.2	69.6	72.1	74.6	77.0	86.9
100°	71.1	73.3	75.3	77.4	79.5	81.5	83.6	85.8	87.8	89.9	108.3
102.5°	117.0	124.4	131.9	139.2	146.7	153.9	161.5	168.7	176.2	183.5	222.5
105°	197.5	217.5	237.7	257.8	277.9	298.1	318.1	338.0	358.1	378.2	441.6
107.5°	336.3	373.4	410.7	447.9	485.1	522.3	559.5	596.5	633.7	670.6	735.0
110°	619.6	649.4	679.5	709.2	739.2	769.2	799.1	828.7	858.8	888.4	935.4



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	835.1	848.6	862.1	875.6	889.1	902.4	916.0	929.4	942.9	956.2	989.7
115°	881.9	886.5	891.4	895.9	900.6	905.2	909.9	914.5	919.1	923.5	946.2
117.5°	857.5	856.5	855.8	854.9	853.9	852.9	852.0	850.8	849.8	848.7	861.4
120°	801.3	797.0	793.0	788.5	784.4	779.9	775.7	771.2	766.8	762.2	767.6
122.5°	730.2	725.2	720.3	714.9	709.8	704.5	699.4	693.7	688.6	683.3	685.1
125°	664.6	659.5	654.6	649.3	643.9	638.5	633.1	627.7	622.4	616.8	617.7
127.5°	608.0	604.5	601.0	596.9	593.1	589.1	585.1	580.9	577.0	572.7	572.8
130°	572.1	569.0	565.5	562.0	558.6	554.7	551.1	547.3	543.5	539.6	539.9
132.5°	543.1	540.9	538.5	535.9	533.2	530.2	527.6	524.4	521.7	518.7	519.0
135°	524.5	522.2	520.1	517.6	515.2	512.3	509.5	506.7	504.0	501.0	501.6
137.5°	508.8	506.8	504.8	502.4	500.2	497.3	494.9	492.1	489.6	486.7	487.2
140°	494.5	492.7	490.8	488.6	486.5	484.2	481.7	479.2	476.8	474.1	475.0
142.5°	478.2	476.6	475.2	473.3	471.7	469.6	467.7	465.4	463.4	461.2	462.4
145°	468.0	466.7	465.5	463.9	462.3	460.4	458.8	456.7	455.1	453.1	454.4
147.5°	458.9	457.8	456.9	455.7	454.5	452.7	451.2	449.6	448.1	446.5	447.9
150°	451.1	450.2	449.2	448.2	446.8	445.4	443.9	442.4	441.0	439.4	440.8
152.5°	442.6	441.5	440.7	439.6	438.4	436.8	435.7	434.3	432.9	431.4	432.6
155°	438.2	437.1	436.0	435.1	433.9	432.6	431.1	429.9	428.7	427.2	428.1
157.5°	435.9	434.9	434.1	433.0	432.3	431.2	430.2	429.0	428.0	427.0	427.5
160°	435.8	434.9	434.0	433.0	432.1	430.9	430.1	428.9	428.2	427.1	427.5
162.5°	435.8	434.8	434.0	433.0	432.1	431.0	430.1	429.3	428.4	427.3	427.9
165°	437.3	436.8	436.1	435.5	434.8	434.2	433.5	432.7	432.0	431.1	431.5
167.5°	442.2	441.4	440.8	439.9	439.1	438.4	437.6	436.7	436.1	435.1	435.5
170°	444.6	444.0	443.6	443.2	442.5	442.0	441.6	441.1	440.5	440.0	440.4
172.5°	447.5	447.0	446.7	446.5	445.9	445.7	445.3	444.9	444.6	444.1	444.8
175°	448.1	447.7	447.6	447.3	447.0	446.8	446.6	446.4	446.4	446.0	446.3
177.5°	451.2	451.1	451.1	451.0	451.0	450.8	450.7	450.4	450.3	450.3	450.6
180°	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9



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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°	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8
2.5°	36186.6	36182.1	36176.2	36168.5	36162.0	36154.4	36136.3	36131.0	36136.9	36141.0	36149.2
5°	36272.5	36275.1	36276.0	36292.4	36306.6	36342.1	36619.6	36729.9	36815.2	36869.4	36951.6
7.5°	36531.8	36615.2	36697.6	36808.6	36904.4	37033.6	37519.3	37725.9	37872.8	37978.5	38108.4
10°	36971.1	37153.2	37323.9	37523.9	37695.8	37892.8	38344.8	38546.1	38673.3	38765.8	38852.2
12.5°	37413.6	37666.2	37894.4	38117.0	38303.1	38473.8	38632.8	38703.2	38709.2	38712.2	38666.3
15°	37644.1	37885.5	38086.6	38233.8	38343.2	38391.5	38117.9	37974.3	37792.9	37643.5	37397.6
17.5°	37498.7	37643.5	37730.3	37721.8	37676.6	37525.2	36750.1	36323.7	35900.4	35519.0	35018.9
20°	36851.9	36840.8	36765.3	36551.3	36293.4	35892.3	34563.4	33796.7	33055.3	32404.2	31614.4
22.5°	35648.9	35459.5	35195.6	34734.1	34221.4	33520.7	31616.2	30488.4	29456.4	28544.8	27523.5
25°	33905.6	33516.2	33029.4	32296.8	31500.0	30478.0	28130.7	26727.9	25488.9	24414.2	23235.8
27.5°	31674.6	31088.0	30374.6	29360.6	28281.2	26971.9	24369.6	22821.4	21491.2	20339.0	19084.9
30°	29033.5	28270.5	27349.2	26090.7	24788.6	23303.8	20664.3	19096.2	17749.9	16564.7	15309.6
32.5°	26048.5	25155.0	24075.5	22662.9	21254.9	19728.1	17179.1	15661.3	14375.1	13234.9	12098.8
35°	22756.5	21798.2	20656.1	19215.4	17815.7	16331.4	13992.5	12623.9	11488.2	10480.3	9563.0
37.5°	19225.1	18284.2	17198.7	15840.8	14542.9	13197.8	11179.7	10032.9	9079.8	8243.2	7535.0
40°	15553.5	14730.1	13790.9	12616.9	11509.3	10389.1	8732.5	7822.2	7070.0	6432.0	5901.2
42.5°	11926.8	11288.7	10568.5	9640.8	8793.1	7940.2	6665.2	5990.6	5433.6	4974.4	4599.0
45°	8653.3	8226.5	7743.4	7098.4	6512.0	5917.0	5009.5	4535.6	4172.7	3876.6	3626.1
47.5°	6049.1	5801.4	5786.4	5190.4	4760.3	4396.5	3811.9	3512.5	3290.2	3110.7	2952.2
50°	4248.1	4128.3	3979.5	3766.8	3567.2	3361.6	3005.4	2824.4	2694.2	2585.5	2485.3
52.5°	3175.7	3113.6	3034.3	2921.5	2813.3	2697.7	2472.3	2357.0	2316.1	2214.9	2135.4
55°	2536.5	2500.9	2455.8	2389.5	2323.7	2297.4	2104.2	2018.6	1964.5	1924.6	1881.9
57.5°	2107.0	2080.4	2053.6	2008.7	1970.7	1924.6	1822.0	1778.2	1745.9	1722.4	1692.8
60°	1797.2	1781.3	1766.4	1740.0	1719.4	1694.6	1629.4	1604.7	1587.9	1573.7	1554.9
62.5°	1586.2	1578.1	1570.4	1556.3	1545.9	1532.4	1487.9	1476.0	1467.6	1460.4	1448.9
65°	1434.0	1428.1	1423.8	1414.5	1409.3	1401.4	1363.2	1355.1	1349.9	1347.3	1340.7
67.5°	1295.7	1289.5	1286.7	1280.0	1277.8	1272.9	1241.6	1237.2	1235.4	1236.2	1233.9
70°	1166.2	1163.7	1165.0	1164.0	1166.9	1167.8	1148.8	1148.6	1150.7	1154.7	1155.1
72.5°	1088.7	1088.7	1090.1	1090.8	1093.7	1095.0	1079.1	1078.4	1079.3	1082.3	1082.4
75°	1014.9	1016.1	1020.1	1021.4	1024.7	1025.4	1004.6	1002.1	1002.3	1005.1	1004.2
77.5°	912.7	917.2	924.7	928.8	935.1	936.4	912.9	910.2	910.3	913.1	910.7
80°	796.8	805.3	817.4	825.9	835.8	839.7	815.7	809.9	804.6	803.8	798.9
82.5°	673.7	684.0	698.5	706.2	716.7	719.1	678.9	671.3	666.7	667.2	662.7
85°	514.3	522.1	535.3	539.6	546.2	545.6	499.7	480.0	485.1	477.1	483.4
87.5°	322.6	327.1	335.4	336.5	339.6	338.9	292.6	283.5	280.9	281.0	277.7
90°	182.3	187.0	195.7	197.4	203.6	204.5	168.6	165.9	161.2	161.6	155.8
92.5°	73.8	78.7	84.0	89.2	94.5	99.7	100.7	104.5	99.6	93.9	89.3
95°	86.1	94.3	102.7	111.1	119.5	127.7	136.1	144.5	136.7	128.7	121.0
97.5°	96.8	106.7	116.3	126.1	136.0	145.9	155.8	165.7	157.3	148.7	140.4
100°	126.6	145.1	163.5	181.8	200.1	218.5	236.9	255.4	239.2	222.9	206.7
102.5°	261.4	300.5	339.5	378.6	417.5	456.6	495.9	535.1	497.8	460.6	423.5
105°	504.9	568.2	631.5	694.6	757.9	821.1	884.9	948.2	888.8	829.4	770.0
107.5°	799.1	863.4	927.4	991.5	1055.7	1120.0	1184.8	1248.9	1191.0	1132.8	1074.9
110°	982.3	1029.0	1075.8	1122.5	1169.2	1216.0	1263.7	1310.6	1275.7	1240.8	1205.9



TEST NUMBER: P1444402
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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°	1023.0	1056.5	1089.9	1123.3	1156.6	1190.0	1224.6	1258.2	1240.7	1222.8	1205.6
115°	968.5	991.2	1013.5	1036.0	1058.5	1080.7	1104.7	1127.6	1121.7	1116.0	1110.3
117.5°	873.8	886.3	898.8	911.2	923.5	935.9	950.4	963.1	963.8	964.7	965.5
120°	772.8	777.9	783.0	788.3	793.2	798.3	805.7	811.2	815.9	820.1	824.7
122.5°	687.0	688.8	690.7	692.5	694.3	695.9	700.4	702.8	705.6	708.7	711.7
125°	618.4	619.2	620.0	620.7	621.2	621.9	625.9	627.0	627.0	626.9	626.9
127.5°	572.8	572.7	572.7	572.7	572.3	572.3	575.4	575.9	573.8	571.5	569.2
130°	540.1	540.3	540.4	540.8	541.0	541.3	544.9	546.0	542.2	538.2	534.5
132.5°	519.3	519.7	519.9	520.5	520.8	521.1	525.2	526.4	522.3	517.7	513.4
135°	502.0	502.7	503.2	503.7	504.2	505.0	509.4	511.0	506.9	502.6	498.5
137.5°	487.6	488.4	488.9	489.6	490.1	490.8	495.8	497.4	494.1	490.6	487.3
140°	475.7	476.3	477.2	478.2	478.9	479.9	485.3	487.2	484.7	481.9	479.1
142.5°	463.3	464.6	466.0	467.4	468.6	470.1	476.3	478.8	476.9	474.6	472.7
145°	455.7	457.3	458.8	460.4	462.0	463.7	470.8	473.6	472.3	470.9	469.5
147.5°	448.8	450.3	451.6	453.1	454.7	456.6	463.8	466.7	466.0	464.9	464.0
150°	441.9	443.5	444.8	446.4	448.1	449.9	458.1	461.4	460.6	459.9	459.0
152.5°	433.7	435.0	436.3	437.7	439.1	440.8	450.6	454.0	453.4	452.6	452.0
155°	429.1	430.0	430.9	432.1	433.2	434.6	445.1	448.4	448.0	447.6	447.1
157.5°	428.1	428.7	429.2	429.9	430.7	431.7	442.5	446.0	445.5	445.1	444.7
160°	427.8	428.4	428.7	429.2	429.7	430.3	441.6	444.8	444.5	444.0	443.6
162.5°	428.4	429.3	429.8	430.6	431.2	432.2	443.5	447.1	446.4	445.8	445.2
165°	432.0	432.2	432.5	433.0	433.4	433.9	444.5	447.4	447.1	446.6	446.2
167.5°	435.8	436.3	436.7	437.2	437.6	438.3	448.2	451.0	450.7	450.2	449.9
170°	440.6	441.1	441.3	441.8	442.3	443.0	451.1	453.5	453.2	452.5	452.0
172.5°	445.1	445.7	446.2	446.7	447.1	447.8	454.8	457.1	456.7	456.3	455.7
175°	446.7	447.0	447.5	448.0	448.4	448.9	454.4	456.1	455.9	455.7	455.4
177.5°	451.0	451.1	451.5	451.9	452.3	452.6	456.1	457.1	457.0	457.0	456.9
180°	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9



TEST NUMBER: P1444402
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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8
2.5°	36151.2	36163.9	36165.7	36180.5	36179.3	36197.0	36194.1	36208.7	36200.2	36212.1	36202.1
5°	37000.2	37077.2	37117.5	37192.6	37216.4	37283.7	37302.6	37364.0	37366.5	37415.2	37404.1
7.5°	38200.6	38314.2	38381.6	38474.5	38521.5	38598.9	38633.0	38690.2	38708.7	38754.2	38757.6
10°	38917.5	38972.6	39011.1	39037.0	39060.7	39071.8	39084.7	39081.3	39084.7	39079.7	39090.8
12.5°	38635.5	38555.1	38501.8	38401.0	38342.6	38231.3	38176.6	38069.5	38030.6	37938.6	37925.4
15°	37207.6	36927.1	36728.9	36440.7	36259.5	35976.0	35810.1	35554.3	35437.5	35234.2	35180.8
17.5°	34604.9	34084.2	33681.3	33164.4	32805.7	32322.7	32018.9	31619.0	31400.1	31077.6	30966.0
20°	30955.9	30185.5	29581.2	28861.2	28345.9	27704.0	27293.0	26774.6	26473.7	26077.7	25917.2
22.5°	26672.0	25712.9	24958.0	24107.5	23485.8	22770.4	22278.0	21717.2	21389.8	20959.6	20769.1
25°	22256.5	21198.9	20359.7	19463.5	18806.7	18089.6	17597.1	17046.0	16707.3	16298.9	16109.5
27.5°	18033.6	16962.9	16151.9	15318.7	14716.2	14069.1	13624.7	13143.6	12843.0	12494.3	12316.3
30°	14306.8	13362.5	12672.4	11981.0	11479.7	10954.2	10584.9	10186.3	9922.5	9623.9	9454.2
32.5°	11270.6	10541.6	10001.2	9452.5	9042.4	8603.1	8284.1	7932.4	7694.2	7427.7	7274.0
35°	8926.2	8359.8	7928.7	7477.1	7124.6	6750.6	6469.4	6165.8	5952.2	5722.6	5590.0
37.5°	7052.6	6602.2	6247.5	5872.4	5582.9	5273.0	5168.6	4820.2	4598.8	4415.6	4288.8
40°	5534.9	5176.8	4883.3	4596.4	4360.3	4125.3	3936.6	3750.6	3607.6	3476.6	3385.9
42.5°	4322.4	4062.8	3848.5	3638.4	3466.1	3294.9	3158.3	3030.0	2933.8	2848.1	2789.7
45°	3436.0	3257.6	3108.6	2960.6	2839.1	2724.8	2632.8	2551.1	2488.8	2437.3	2400.9
47.5°	2822.8	2700.6	2595.6	2495.7	2413.1	2338.3	2276.7	2256.6	2189.7	2144.7	2127.6
50°	2399.0	2325.2	2245.4	2171.7	2116.7	2061.8	2021.8	1982.7	1957.7	1937.0	1930.6
52.5°	2082.7	2026.3	1981.9	1935.3	1898.8	1859.8	1832.2	1806.2	1792.4	1781.6	1780.3
55°	1847.5	1808.0	1778.7	1747.4	1725.6	1702.7	1688.5	1674.6	1668.6	1663.1	1663.5
57.5°	1669.6	1643.3	1624.1	1603.8	1592.0	1581.1	1577.5	1573.9	1575.9	1576.7	1579.7
60°	1539.8	1522.8	1510.8	1499.1	1494.1	1490.7	1493.3	1496.4	1502.7	1507.7	1512.4
62.5°	1440.5	1430.8	1424.9	1418.7	1418.0	1418.4	1423.7	1428.9	1436.8	1442.7	1447.1
65°	1338.2	1332.7	1330.8	1326.7	1328.8	1330.0	1336.4	1340.5	1348.3	1353.0	1358.6
67.5°	1234.9	1233.6	1234.8	1234.8	1238.4	1241.5	1247.6	1252.2	1258.8	1263.2	1267.7
70°	1158.6	1159.1	1162.0	1162.5	1166.3	1168.5	1173.9	1176.8	1182.7	1186.4	1191.8
72.5°	1084.4	1083.2	1083.9	1082.2	1083.5	1083.0	1085.9	1087.3	1092.4	1095.2	1101.9
75°	1005.4	1002.0	1001.2	997.6	997.8	995.2	996.4	996.3	999.6	1000.9	1005.8
77.5°	909.9	904.3	901.6	895.6	895.5	893.2	895.6	897.1	903.0	905.8	911.2
80°	795.7	786.9	782.9	775.9	777.1	776.7	782.7	787.0	794.3	795.6	802.6
82.5°	661.4	652.4	648.2	641.3	642.9	643.0	648.4	649.4	655.6	658.3	666.3
85°	473.5	477.1	467.6	468.2	466.2	469.9	473.5	478.1	483.3	492.0	498.6
87.5°	278.9	277.7	281.0	281.4	286.3	288.8	296.5	301.0	309.7	316.4	328.7
90°	154.6	148.8	150.0	147.2	150.4	147.8	150.9	147.7	151.8	151.2	156.9
92.5°	83.3	78.4	72.6	67.7	62.1	57.3	54.3	52.2	49.3	47.4	44.4
95°	113.2	105.3	97.6	89.8	82.0	74.3	71.4	68.6	65.7	62.9	60.0
97.5°	132.0	123.7	115.3	106.8	98.4	90.0	88.1	86.2	84.4	82.4	80.5
100°	190.4	174.3	158.1	141.9	125.7	109.6	108.1	106.6	105.0	103.5	101.9
102.5°	386.4	349.2	312.2	275.1	238.0	200.9	194.4	188.0	181.5	175.1	168.6
105°	710.5	651.0	591.7	532.3	473.0	413.6	395.9	378.1	360.4	342.8	325.0
107.5°	1017.0	958.9	901.0	843.1	785.2	727.4	699.2	671.3	643.2	615.3	587.3
110°	1170.7	1135.9	1101.2	1066.2	1031.6	996.8	970.0	943.4	916.5	889.8	863.2



TEST NUMBER: P1444402
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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°	1187.9	1170.4	1152.7	1135.4	1118.0	1100.5	1087.5	1074.4	1061.4	1048.4	1035.1
115°	1104.6	1098.8	1093.2	1087.7	1082.2	1076.5	1075.4	1074.6	1073.4	1072.6	1071.6
117.5°	966.2	967.1	967.8	968.7	969.7	970.8	977.6	984.2	991.2	998.2	1005.4
120°	829.1	833.5	838.0	842.6	847.1	851.8	860.8	870.1	879.2	888.7	898.2
122.5°	714.7	717.7	720.6	723.8	726.9	730.0	738.9	748.1	757.1	766.3	775.9
125°	626.6	626.4	626.4	626.1	626.0	626.1	633.3	640.7	648.2	656.0	663.5
127.5°	566.9	564.3	562.0	559.8	557.3	555.3	559.3	563.6	567.9	572.3	576.7
130°	530.5	526.6	522.5	518.8	514.6	511.0	512.3	513.9	515.3	517.0	518.7
132.5°	508.8	504.4	499.9	495.3	490.7	486.3	485.9	485.5	485.1	485.0	485.0
135°	494.1	490.0	485.4	481.2	476.8	472.6	471.2	469.8	468.6	467.4	466.4
137.5°	483.8	480.4	476.9	473.4	469.8	466.4	464.3	462.8	460.9	459.7	458.1
140°	476.1	473.6	470.6	467.8	464.8	462.2	460.5	459.2	457.7	456.5	455.1
142.5°	470.4	468.3	466.1	464.0	461.7	459.7	458.1	456.8	455.4	454.2	452.8
145°	468.0	466.7	465.1	463.5	462.1	460.7	459.3	458.3	457.2	456.2	455.4
147.5°	463.0	462.1	461.2	460.2	459.0	458.0	457.1	456.6	455.5	455.0	454.2
150°	458.0	457.3	456.3	455.5	454.4	453.5	452.9	452.4	451.8	451.6	450.9
152.5°	451.0	450.3	449.5	448.7	447.7	446.9	446.4	446.1	445.6	445.3	444.6
155°	446.5	445.9	445.3	444.7	443.9	443.5	442.9	442.1	441.6	441.1	440.4
157.5°	444.2	443.6	443.0	442.5	441.7	441.2	440.6	440.1	439.4	439.0	438.4
160°	443.1	442.6	441.9	441.4	440.9	440.3	439.5	438.9	438.0	437.4	436.6
162.5°	444.4	443.8	443.2	442.4	441.5	440.9	440.3	439.7	439.2	438.7	438.0
165°	445.7	445.1	444.6	444.1	443.7	443.2	442.2	441.6	440.7	440.1	439.4
167.5°	449.4	449.0	448.5	448.1	447.4	446.9	446.3	445.6	444.8	444.1	443.3
170°	451.5	450.9	450.4	449.7	449.1	448.4	447.8	447.1	446.3	445.9	445.1
172.5°	455.2	455.0	454.4	453.8	453.1	452.6	452.2	451.6	451.0	450.4	450.0
175°	455.3	455.1	455.0	454.6	454.5	454.2	453.8	453.7	453.4	453.3	452.9
177.5°	456.9	456.7	456.7	456.5	456.3	456.3	456.0	455.8	455.5	455.1	455.0
180°	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9



TEST NUMBER: P1444402
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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°	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8
2.5°	36212.5	36203.3	36207.7	36190.7	36194.7	36174.3	36172.3	36149.2	36147.0	36125.2	36117.1
5°	37438.6	37418.5	37441.2	37405.7	37412.7	37366.5	37362.7	37303.0	37282.4	37207.9	37175.6
7.5°	38786.1	38778.5	38792.4	38762.8	38761.7	38720.6	38703.6	38650.1	38617.0	38538.7	38488.6
10°	39081.3	39088.3	39076.9	39079.7	39063.6	39059.2	39042.8	39032.4	39005.5	38985.1	38955.3
12.5°	37855.5	37862.8	37816.0	37845.7	37822.3	37877.0	37872.6	37937.0	37946.9	38028.5	38059.4
15°	35022.4	35013.5	34923.8	34980.4	34950.0	35070.1	35097.0	35258.5	35344.9	35552.2	35679.6
17.5°	30742.5	30719.4	30593.1	30661.9	30626.9	30804.0	30863.3	31121.6	31282.7	31616.8	31854.9
20°	25640.8	25596.5	25448.7	25529.3	25493.2	25694.3	25779.0	26091.2	26299.0	26741.5	27056.3
22.5°	20475.7	20405.8	20261.0	20336.3	20302.2	20510.4	20620.7	20934.0	21171.9	21626.3	21993.8
25°	15837.5	15775.2	15635.2	15687.8	15675.1	15851.4	15949.5	16245.8	16479.6	16912.4	17263.2
27.5°	12079.6	12014.8	11888.3	11925.6	11912.8	12062.9	12155.4	12402.9	12604.1	12968.4	13276.4
30°	9245.2	9167.0	9059.7	9080.3	9071.5	9193.2	9279.6	9487.9	9660.5	9968.3	10233.7
32.5°	7086.4	7007.8	6909.3	6918.9	6905.9	7001.4	7072.5	7253.8	7404.0	7665.9	7896.8
35°	5422.1	5513.9	5303.5	5436.8	5298.1	5501.8	5428.5	5541.7	5671.0	5891.7	6084.3
37.5°	4168.3	4104.2	4050.1	4044.4	4044.1	4091.3	4147.0	4256.2	4370.1	4534.3	4704.2
40°	3303.2	3258.3	3223.3	3220.6	3223.3	3256.7	3297.9	3373.4	3456.7	3574.8	3699.6
42.5°	2739.6	2709.9	2688.7	2687.3	2693.9	2717.7	2746.3	2791.1	2845.4	2921.9	3007.4
45°	2371.1	2354.6	2342.8	2342.2	2345.2	2357.7	2374.2	2402.0	2436.4	2484.2	2538.3
47.5°	2112.6	2108.6	2101.2	2101.5	2098.2	2103.3	2105.2	2120.8	2139.1	2175.1	2245.8
50°	1924.4	1924.4	1919.3	1919.0	1914.2	1914.0	1909.9	1916.1	1924.7	1947.0	1969.6
52.5°	1775.5	1775.0	1769.6	1768.5	1763.4	1763.1	1759.7	1762.1	1763.3	1774.5	1788.0
55°	1659.3	1655.8	1648.6	1646.3	1644.3	1647.2	1645.9	1646.1	1644.6	1649.2	1653.2
57.5°	1575.9	1571.3	1564.5	1562.4	1561.9	1565.5	1565.6	1564.4	1558.1	1553.8	1547.8
60°	1509.8	1505.2	1497.9	1496.0	1497.1	1501.9	1501.7	1497.7	1488.3	1480.1	1470.6
62.5°	1445.0	1443.1	1439.3	1438.8	1437.8	1438.6	1435.3	1431.1	1421.8	1413.1	1402.8
65°	1357.9	1358.8	1356.1	1356.5	1353.1	1352.6	1347.5	1343.4	1334.0	1326.1	1315.5
67.5°	1267.5	1268.2	1266.0	1266.0	1264.2	1264.5	1261.4	1257.5	1249.6	1243.2	1235.0
70°	1193.0	1195.0	1193.6	1194.1	1191.8	1191.1	1186.3	1182.5	1174.4	1169.0	1161.7
72.5°	1103.9	1107.9	1107.8	1108.7	1105.6	1103.9	1098.2	1093.5	1086.1	1081.8	1076.0
75°	1007.7	1012.8	1014.3	1016.6	1012.0	1009.6	1003.3	999.6	993.6	991.0	987.2
77.5°	913.6	919.4	924.8	930.0	922.6	916.1	908.2	902.1	893.6	890.2	884.3
80°	808.2	818.3	830.5	840.7	827.4	814.1	801.0	791.5	780.1	775.4	767.9
82.5°	670.5	680.9	687.8	694.4	685.2	675.4	662.8	654.4	642.1	637.6	628.9
85°	509.3	522.4	526.5	529.9	524.1	518.8	507.1	491.2	483.4	471.3	464.9
87.5°	335.0	342.8	344.3	345.5	341.8	339.3	331.7	324.2	311.0	301.4	289.6
90°	155.0	158.5	154.0	154.3	151.1	153.2	147.0	146.0	136.6	134.1	125.9
92.5°	42.2	39.4	36.9	34.4	37.5	39.5	42.5	44.4	47.2	49.3	52.2
95°	57.2	54.3	51.5	48.6	51.0	53.2	55.5	57.7	60.0	62.3	64.6
97.5°	78.6	76.8	74.9	73.0	74.3	75.6	76.9	78.2	79.6	80.9	82.4
100°	100.4	98.9	97.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
102.5°	162.1	155.7	149.2	142.8	147.1	151.5	155.9	160.2	164.6	168.9	173.4
105°	307.3	289.7	272.0	254.4	271.4	288.6	305.6	322.8	339.8	357.2	374.2
107.5°	559.2	531.3	503.4	475.4	506.8	538.0	569.1	600.3	631.4	662.6	693.9
110°	836.7	810.0	783.5	756.9	789.9	822.9	856.0	889.0	922.2	955.2	988.6



TEST NUMBER: P1444402
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL30

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	1022.2	1009.3	996.4	983.5	1004.8	1026.1	1047.2	1068.8	1090.1	1111.5	1132.7
115°	1070.8	1069.9	1069.2	1068.4	1078.5	1088.6	1098.6	1108.8	1119.1	1129.2	1139.4
117.5°	1012.3	1019.4	1026.6	1033.8	1037.1	1040.3	1043.7	1046.9	1050.4	1053.7	1057.2
120°	907.7	917.0	926.7	936.4	935.0	933.7	932.6	931.3	930.3	929.1	928.3
122.5°	785.3	794.7	804.4	814.0	811.1	808.2	805.5	802.9	800.3	797.7	795.3
125°	671.5	679.3	687.3	695.4	692.6	689.7	686.9	684.5	681.9	679.3	677.1
127.5°	581.6	586.5	591.3	596.2	594.9	593.6	592.6	591.5	590.5	589.8	589.0
130°	520.6	522.7	525.1	527.1	527.5	527.9	528.6	529.3	530.2	531.0	532.1
132.5°	485.3	485.5	485.9	486.3	487.9	489.4	491.3	493.1	495.2	497.1	499.8
135°	465.7	464.8	464.3	463.8	466.2	468.3	470.8	473.3	476.2	479.2	482.3
137.5°	457.0	455.7	454.9	453.7	456.1	458.3	460.9	463.4	466.3	469.2	472.5
140°	454.0	453.0	452.4	451.4	453.7	455.9	458.5	460.9	463.8	466.7	469.8
142.5°	451.9	450.8	450.1	449.4	451.3	453.4	455.9	458.1	460.7	463.2	466.1
145°	454.6	453.6	453.2	452.6	453.9	455.5	457.2	458.9	460.9	462.7	465.0
147.5°	453.6	453.0	452.8	452.4	453.5	454.5	455.9	457.0	458.5	459.8	461.6
150°	450.8	450.4	450.2	450.1	450.8	451.4	452.3	452.9	453.9	454.9	456.2
152.5°	444.5	444.1	444.1	443.9	444.5	445.0	445.8	446.4	447.3	448.0	449.2
155°	440.1	439.7	439.3	438.9	439.1	439.2	439.5	439.6	440.2	440.4	440.9
157.5°	438.1	437.6	437.3	436.8	436.7	436.5	436.6	436.5	436.6	436.4	436.6
160°	436.2	435.3	434.7	434.1	434.3	434.1	434.3	434.2	434.4	434.6	434.7
162.5°	437.6	437.1	436.7	436.2	435.9	435.4	435.1	434.6	434.3	434.0	433.9
165°	438.6	437.9	437.3	436.5	436.4	436.2	436.0	435.8	435.6	435.4	435.5
167.5°	442.9	441.9	441.3	440.6	440.1	439.4	439.1	438.5	438.1	437.6	437.4
170°	444.6	443.9	443.4	442.7	442.5	442.1	442.0	441.6	441.4	441.3	441.3
172.5°	449.5	448.9	448.5	448.0	447.8	447.5	447.4	447.2	447.0	447.0	446.8
175°	452.8	452.5	452.4	452.1	451.8	451.6	451.3	451.1	451.0	450.6	450.4
177.5°	454.6	454.2	453.9	453.7	453.6	453.6	453.6	453.6	453.6	453.5	453.3
180°	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9



TEST NUMBER: P1444402
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL30

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8
2.5°	36093.6	36084.2	36059.1	36046.8	36023.7	36012.1	35994.1	35982.5	35967.8	35957.0	35951.4
5°	37093.7	37047.6	36955.0	36898.1	36798.2	36732.4	36633.3	36560.5	36458.1	36382.5	36285.8
7.5°	38394.8	38323.9	38205.5	38115.6	37975.9	37869.1	37712.3	37586.9	37413.6	37269.7	37092.8
10°	38924.5	38883.1	38830.0	38772.2	38694.7	38618.9	38511.7	38402.6	38257.2	38112.6	37923.5
12.5°	38141.6	38180.5	38257.2	38293.1	38351.7	38371.7	38398.5	38386.0	38362.2	38303.1	38217.4
15°	35924.2	36086.7	36343.4	36521.0	36769.8	36944.4	37175.6	37324.4	37495.9	37598.3	37695.5
17.5°	32276.8	32591.0	33043.9	33405.4	33890.5	34284.9	34768.2	35147.9	35586.3	35922.6	36280.7
20°	27605.0	28045.1	28670.3	29201.4	29904.3	30500.5	31264.1	31903.9	32650.1	33272.2	33943.6
22.5°	22577.0	23094.5	23811.0	24451.5	25291.0	26040.7	26997.5	27843.5	28852.3	29756.0	30755.8
25°	17833.5	18340.8	19070.6	19733.8	20640.0	21466.0	22511.3	23481.6	24652.4	25744.1	26997.5
27.5°	13765.8	14216.3	14857.9	15454.9	16284.9	17095.7	18156.6	19191.3	20440.5	21613.8	22964.5
30°	10631.0	10996.6	11510.6	11990.9	12657.2	13320.3	14265.2	15222.2	16465.3	17681.1	19065.9
32.5°	8238.7	8550.4	8979.5	9369.4	9882.8	10382.8	11078.6	11843.3	12933.8	14098.4	15437.3
35°	6377.7	6644.3	7009.5	7345.4	7767.6	8164.5	8683.8	9229.6	10061.7	11041.4	12239.7
37.5°	5084.7	5193.3	5454.0	5729.2	6079.8	6406.0	6812.3	7215.9	7811.2	8584.1	9563.0
40°	3866.8	4039.4	4251.6	4468.3	4733.8	4995.5	5441.0	5655.6	6047.6	6602.5	7362.3
42.5°	3120.0	3241.4	3390.7	3541.4	3726.4	3908.7	4134.1	4363.6	4656.6	5032.5	5572.9
45°	2610.9	2690.1	2786.4	2886.7	3008.2	3132.5	3283.5	3441.1	3639.7	3870.7	4199.0
47.5°	2270.8	2314.5	2377.3	2445.9	2529.3	2615.3	2713.4	2813.8	2937.2	3074.3	3261.2
50°	2005.3	2041.8	2090.5	2136.5	2193.9	2282.2	2321.1	2376.5	2450.8	2531.4	2635.9
52.5°	1813.2	1837.5	1868.1	1894.4	1930.8	1963.8	2007.1	2045.3	2096.7	2145.1	2212.6
55°	1663.5	1672.4	1689.8	1706.7	1731.8	1754.4	1784.1	1809.1	1841.9	1870.9	1913.5
57.5°	1548.0	1548.8	1556.9	1565.7	1581.9	1596.0	1616.5	1633.0	1655.7	1674.1	1699.7
60°	1465.0	1460.6	1462.2	1465.3	1474.4	1483.6	1496.6	1507.3	1521.7	1532.2	1546.4
62.5°	1395.9	1389.0	1387.4	1386.6	1391.1	1394.4	1401.5	1406.7	1414.9	1419.5	1427.0
65°	1308.6	1300.4	1297.3	1293.4	1294.8	1293.7	1296.5	1296.6	1300.7	1301.6	1306.0
67.5°	1229.5	1222.6	1218.5	1213.4	1211.1	1207.5	1206.0	1202.4	1201.9	1199.0	1198.3
70°	1157.2	1150.6	1147.1	1142.4	1140.0	1135.2	1132.3	1126.3	1122.9	1117.4	1114.3
72.5°	1073.7	1069.9	1068.8	1065.7	1064.9	1062.2	1061.0	1056.8	1054.4	1049.8	1047.0
75°	986.4	983.3	983.1	979.8	979.5	976.4	975.6	971.2	968.8	964.2	962.2
77.5°	882.4	877.8	876.5	872.8	873.7	872.1	873.4	870.1	868.6	863.9	862.5
80°	765.2	759.4	757.0	752.0	753.3	751.1	753.3	753.1	754.8	751.1	750.4
82.5°	626.5	620.0	618.8	615.4	617.7	617.9	622.9	620.2	621.2	617.8	619.2
85°	455.9	451.1	444.4	443.5	439.2	443.6	437.8	441.7	435.5	439.8	434.0
87.5°	282.6	272.7	267.5	260.4	257.8	250.9	248.1	243.2	244.7	242.4	243.7
90°	125.2	118.2	118.5	113.7	115.3	111.5	114.5	112.4	116.0	113.8	117.8
92.5°	54.3	56.7	61.1	66.1	70.4	75.0	79.4	84.4	88.7	93.5	97.8
95°	66.8	69.1	75.2	81.2	87.4	93.4	99.7	105.7	111.9	118.0	124.0
97.5°	83.7	85.1	91.1	97.3	103.3	109.4	115.5	121.8	127.8	134.0	140.0
100°	95.9	96.0	113.2	130.6	147.8	165.3	182.6	199.9	217.3	234.7	251.9
102.5°	177.8	182.1	225.8	269.6	313.3	357.0	400.9	444.7	488.4	532.2	576.1
105°	391.4	408.6	475.3	542.1	608.7	675.5	742.4	809.3	876.1	942.9	1009.7
107.5°	725.1	756.4	816.8	877.1	937.3	997.8	1058.3	1118.7	1178.9	1239.5	1300.1
110°	1021.6	1054.8	1095.2	1135.7	1176.3	1216.7	1257.3	1297.8	1338.4	1379.0	1419.8



TEST NUMBER: P1444402
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL30

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	1154.1	1175.7	1199.2	1222.9	1246.6	1270.3	1294.0	1317.8	1341.7	1365.5	1389.3
115°	1149.8	1160.1	1169.1	1178.6	1187.8	1197.3	1206.6	1216.2	1225.7	1235.3	1244.8
117.5°	1060.6	1064.4	1065.7	1067.5	1069.0	1071.0	1072.7	1074.6	1076.5	1078.5	1080.1
120°	927.3	926.4	925.0	923.7	922.3	921.2	920.2	919.1	918.1	917.2	916.1
122.5°	792.8	790.7	789.2	788.1	787.1	786.1	785.2	784.4	783.6	782.7	781.8
125°	674.7	672.7	674.3	675.9	677.7	679.5	681.3	683.3	685.1	687.0	689.0
127.5°	588.2	587.8	591.6	595.5	599.4	603.5	607.5	611.8	615.7	620.0	623.9
130°	533.4	534.7	539.4	544.6	549.4	554.5	559.7	564.9	569.9	574.9	580.0
132.5°	501.9	504.6	509.2	514.2	518.9	523.9	528.8	533.9	538.7	543.8	548.5
135°	485.4	488.9	493.2	497.7	502.2	506.8	511.3	516.0	520.2	525.0	529.3
137.5°	475.5	478.9	482.5	486.2	489.8	493.7	497.3	501.2	504.7	508.5	512.1
140°	472.8	476.2	478.3	480.8	483.0	485.3	487.4	489.9	492.0	494.5	496.5
142.5°	468.9	472.1	473.3	474.9	476.4	478.3	479.9	481.4	482.8	484.2	485.6
145°	467.1	469.5	469.8	470.3	470.8	471.3	471.6	472.1	472.4	472.8	473.0
147.5°	463.2	465.0	464.8	465.0	465.1	465.0	465.2	465.4	465.1	465.2	465.2
150°	457.1	458.5	457.9	457.9	457.4	457.2	456.7	456.5	456.0	455.8	455.3
152.5°	450.1	451.1	450.3	450.2	449.5	449.1	448.4	448.1	447.4	447.0	446.6
155°	441.1	441.7	441.3	441.0	440.7	440.4	440.0	440.0	439.9	439.6	439.5
157.5°	436.7	436.8	436.6	436.4	436.0	436.0	435.9	435.8	435.7	435.9	436.0
160°	434.7	435.0	434.7	434.5	434.3	434.1	434.0	434.0	434.0	434.3	434.4
162.5°	433.5	433.4	433.0	432.8	432.7	432.7	432.6	432.8	432.8	433.0	433.2
165°	435.6	435.8	435.1	435.0	434.7	434.4	434.1	434.0	434.1	434.1	434.1
167.5°	437.1	436.9	436.9	437.0	437.0	437.2	437.3	437.8	438.0	438.5	438.6
170°	441.2	441.3	441.0	440.9	440.7	440.6	440.7	440.6	440.7	440.7	440.7
172.5°	446.8	446.8	446.4	446.0	445.7	445.5	445.1	444.9	444.6	444.4	444.0
175°	450.1	449.9	449.7	449.5	449.3	449.0	448.9	448.4	448.2	448.0	447.8
177.5°	453.2	452.9	452.8	452.8	452.7	452.5	452.5	452.4	452.4	452.4	452.1
180°	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9



TEST NUMBER: P1444402
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL30

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8
2.5°	35944.2	35943.8	35940.3	35941.9	35942.6	35945.1	35948.1	35951.4	35952.1	35954.6	35955.1
5°	36213.2	36124.2	36058.5	35986.2	35931.7	35882.8	35850.2	35824.2	35814.3	35816.8	35822.8
7.5°	36942.6	36759.1	36607.5	36435.4	36291.8	36139.8	36013.7	35893.9	35806.6	35741.5	35705.2
10°	37743.1	37519.5	37305.6	37056.3	36820.0	36567.7	36339.2	36109.2	35917.3	35750.7	35628.4
12.5°	38098.2	37940.2	37755.4	37520.2	37267.2	36976.1	36682.2	36367.1	36074.0	35801.9	35582.5
15°	37722.2	37722.5	37655.1	37542.2	37366.5	37133.9	36853.8	36525.3	36179.6	35826.8	35504.5
17.5°	36528.3	36753.5	36878.8	36958.2	36933.7	36848.1	36669.9	36417.5	36095.3	35719.4	35326.1
20°	34478.1	35009.4	35388.2	35728.8	35919.7	36046.6	36033.9	35931.2	35701.6	35382.1	34972.4
22.5°	31606.1	32497.9	33201.4	33857.6	34317.8	34692.1	34870.1	34945.6	34841.6	34619.0	34234.4
25°	28117.8	29330.2	30364.8	31369.0	32122.3	32769.6	33158.7	33432.7	33454.5	33338.3	32995.0
27.5°	24241.6	25672.8	26982.3	28316.8	29376.1	30306.7	30917.3	31364.3	31506.2	31487.5	31175.9
30°	20370.4	21872.8	23316.3	24872.5	26183.2	27372.2	28178.7	28783.1	29016.0	29060.7	28760.9
32.5°	16714.4	18196.0	19635.4	21262.4	22704.8	24067.4	25020.4	25738.3	26009.1	26073.0	25744.1
35°	13396.4	14763.3	16131.2	17707.9	19142.1	20553.1	21557.3	22308.9	22561.8	22604.5	22223.8
37.5°	10519.0	11683.6	12875.6	14290.4	15607.4	16932.5	17886.5	18593.0	18777.3	18765.9	18335.1
40°	8096.3	9001.7	9959.5	11124.2	12219.2	13339.4	14145.1	14729.0	14825.8	14754.1	14301.6
42.5°	6088.0	6741.9	7436.3	8305.7	9118.1	9956.5	10542.6	10976.2	10990.0	10876.6	10470.5
45°	4535.6	5173.5	5464.7	5990.4	6513.7	7071.2	7429.1	7696.9	7655.4	7555.7	7247.0
47.5°	3457.5	3702.7	3962.8	4288.8	4593.6	5226.2	5179.3	5609.3	5299.6	5510.9	5045.9
50°	2745.7	2882.7	3022.8	3195.8	3355.0	3520.4	3623.7	3700.9	3690.9	3657.7	3568.6
52.5°	2335.9	2378.3	2447.2	2545.7	2634.6	2724.0	2782.8	2830.6	2831.7	2818.2	2773.2
55°	1952.3	2006.1	2055.6	2120.0	2229.5	2246.3	2330.7	2313.5	2320.3	2296.9	2320.8
57.5°	1721.4	1752.6	1780.5	1818.7	1850.4	1887.3	1909.1	1930.1	1928.1	1923.6	1900.6
60°	1557.7	1574.9	1590.4	1612.8	1630.1	1651.0	1661.0	1671.7	1668.2	1660.5	1640.0
62.5°	1431.5	1442.3	1451.1	1465.6	1476.1	1489.1	1494.3	1498.9	1494.3	1487.0	1468.9
65°	1307.0	1313.9	1319.6	1330.4	1337.8	1348.9	1353.4	1357.6	1353.5	1347.7	1334.0
67.5°	1194.7	1195.4	1194.9	1199.2	1201.5	1208.2	1210.2	1213.2	1208.5	1203.5	1191.8
70°	1109.5	1107.8	1105.7	1107.4	1107.8	1111.0	1111.5	1111.0	1105.3	1096.7	1084.0
72.5°	1042.9	1042.0	1040.4	1041.9	1041.9	1044.8	1043.9	1042.4	1035.3	1027.1	1014.4
75°	957.3	956.7	953.5	953.6	951.0	951.9	948.5	946.4	938.6	931.6	920.3
77.5°	857.2	855.6	851.0	849.2	844.1	842.0	835.5	832.2	824.3	818.6	809.0
80°	745.4	743.7	737.7	734.4	726.4	721.2	711.6	706.2	696.9	691.5	682.1
82.5°	616.2	616.9	610.8	606.7	595.2	586.3	573.5	566.6	556.5	551.1	541.4
85°	438.2	432.0	435.3	435.1	427.8	420.2	409.8	402.4	393.8	388.8	382.0
87.5°	240.3	241.9	240.1	238.6	233.6	229.6	221.6	217.2	211.0	207.9	202.8
90°	109.2	106.7	98.4	96.1	88.1	83.5	74.4	70.8	62.3	60.4	55.1
92.5°	92.6	87.5	82.6	77.2	72.4	67.3	62.2	57.0	51.9	49.8	48.4
95°	116.6	109.3	101.9	94.4	87.1	79.6	72.3	64.9	57.5	56.0	54.5
97.5°	131.5	122.8	114.0	105.3	96.7	87.9	79.2	70.5	61.8	60.8	59.8
100°	232.0	212.0	191.8	171.7	151.7	131.6	111.6	91.5	71.4	70.3	69.1
102.5°	527.3	478.6	429.9	381.3	332.7	283.8	235.3	186.5	137.7	130.7	123.7
105°	936.0	862.2	788.7	715.0	641.2	567.5	493.9	419.9	346.2	322.6	298.8
107.5°	1230.9	1161.5	1092.3	1023.1	953.7	884.6	815.2	745.9	676.4	634.8	593.2
110°	1364.8	1309.8	1255.1	1200.0	1145.1	1090.1	1035.2	980.1	925.2	889.1	853.5



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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°	1349.1	1308.9	1268.9	1228.6	1188.5	1148.1	1108.0	1067.6	1027.2	1005.6	983.8
115°	1220.8	1196.7	1172.7	1148.4	1124.3	1100.2	1076.0	1051.7	1027.4	1016.0	1004.6
117.5°	1068.1	1055.9	1043.8	1031.6	1019.3	1006.9	994.7	982.3	970.0	966.1	962.1
120°	912.8	909.3	905.6	902.0	898.5	895.0	891.2	887.5	883.7	884.4	885.1
122.5°	783.6	785.2	787.1	788.5	790.3	791.8	793.7	794.9	796.5	799.7	803.1
125°	693.0	696.7	700.8	704.5	708.2	712.1	716.0	719.5	723.4	726.6	730.1
127.5°	628.5	632.6	637.1	641.2	645.8	649.9	654.2	658.3	662.5	665.6	668.9
130°	583.9	587.6	591.6	595.1	599.0	602.8	606.4	610.2	613.9	616.4	618.9
132.5°	552.0	555.5	559.0	562.2	565.7	569.1	572.5	575.8	579.5	581.3	583.4
135°	532.1	534.6	537.3	539.7	542.7	545.2	547.9	550.6	553.4	554.8	556.4
137.5°	514.2	516.4	518.7	520.7	523.2	525.2	527.6	529.9	532.4	533.2	534.4
140°	498.7	501.1	503.3	505.5	508.0	510.3	512.9	515.3	517.9	518.7	519.9
142.5°	487.5	489.2	491.0	492.8	494.8	496.6	498.7	501.0	503.1	504.0	504.9
145°	475.1	477.2	479.4	481.3	483.4	485.7	488.4	490.7	493.2	493.8	494.6
147.5°	466.9	468.6	470.5	472.3	474.3	476.0	478.4	480.6	482.8	483.4	484.1
150°	457.2	458.9	460.8	462.7	464.8	467.0	469.3	471.5	474.1	475.0	475.9
152.5°	448.5	450.4	452.4	454.7	456.9	459.2	461.7	464.1	466.8	467.5	468.5
155°	441.5	443.4	445.5	447.7	450.0	452.0	454.5	456.8	459.3	460.3	461.2
157.5°	437.8	439.4	441.5	443.5	445.5	447.4	449.8	451.7	454.0	454.9	455.6
160°	436.0	437.6	439.4	441.1	443.1	444.8	446.7	448.6	450.5	451.3	452.1
162.5°	434.9	436.5	438.4	439.8	441.7	443.6	445.6	447.2	449.1	449.8	450.6
165°	435.3	436.7	438.0	439.2	440.6	441.8	443.4	444.7	446.2	446.8	447.8
167.5°	439.9	440.6	441.6	442.6	443.9	444.9	446.2	447.1	448.3	449.1	449.8
170°	441.6	442.4	443.4	444.4	445.3	446.3	447.3	448.0	449.3	449.9	450.6
172.5°	444.6	445.0	445.7	446.2	446.9	447.4	448.1	448.8	449.5	450.3	450.9
175°	448.3	448.5	448.8	449.0	449.2	449.6	450.0	450.5	450.8	451.4	451.9
177.5°	452.3	452.5	452.7	452.9	453.3	453.5	453.8	454.0	454.5	455.1	455.7
180°	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9



TEST NUMBER: P1444402
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CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8
2.5°	35953.9	35953.5	35952.3	35950.8	35949.2	35950.1	35951.7	35955.8	35963.0	35973.5	35987.1
5°	35827.8	35835.0	35839.3	35839.8	35836.0	35833.7	35837.3	35847.1	35867.0	35900.4	35945.6
7.5°	35695.4	35704.5	35718.4	35728.8	35730.8	35728.3	35728.8	35744.3	35781.1	35846.1	35937.5
10°	35554.0	35527.2	35541.3	35567.2	35587.8	35591.7	35594.2	35612.5	35666.2	35764.6	35911.3
12.5°	35423.6	35338.5	35322.1	35345.5	35376.8	35386.8	35384.0	35391.9	35454.8	35585.1	35789.5
15°	35251.9	35091.9	35037.2	35043.2	35081.8	35095.7	35085.6	35070.1	35131.5	35290.4	35555.0
17.5°	34974.1	34716.1	34615.6	34611.1	34656.3	34668.3	34643.5	34595.4	34655.8	34854.2	35182.6
20°	34551.8	34170.9	33981.5	33951.4	34000.6	33986.2	33936.6	33863.9	33943.4	34184.5	34575.2
22.5°	33792.5	33309.9	32986.4	32882.2	32940.9	32901.7	32829.4	32736.5	32841.9	33116.0	33551.1
25°	32551.9	31994.2	31551.4	31303.0	31349.8	31279.6	31200.9	31088.3	31214.1	31528.7	32007.6
27.5°	30728.3	30084.1	29535.4	29124.2	29139.3	29047.3	28956.7	28811.0	28968.1	29340.4	29880.5
30°	28303.4	27558.0	26889.7	26331.0	26280.9	26191.7	26098.9	25907.7	26104.2	26549.9	27181.1
32.5°	25258.1	24430.5	23658.4	22951.8	22818.5	22731.6	22648.7	22428.7	22686.1	23205.7	23930.9
35°	21696.7	20815.2	19978.1	19171.1	18950.2	18863.3	18790.9	18580.0	18901.2	19466.7	20249.9
37.5°	17787.7	16887.1	16056.0	15228.5	14916.5	14798.4	14745.8	14607.8	14978.2	15537.6	16324.0
40°	13774.6	12937.3	12192.2	11461.2	11105.6	10924.9	10897.4	10872.2	11230.4	11715.7	12429.5
42.5°	10020.5	9345.0	8770.4	8211.7	7889.4	7642.8	7642.6	7717.4	8039.9	8403.5	8953.9
45°	6931.4	6478.1	6112.0	5738.8	5838.6	5346.8	5635.7	5487.4	5646.8	5881.2	6239.1
47.5°	4764.7	4517.2	4316.2	4107.6	3955.6	3810.4	3823.1	3916.7	4066.8	4205.8	4392.1
50°	3472.7	3346.7	3244.2	3135.9	3060.2	2996.2	3000.0	3040.4	3119.3	3192.6	3290.0
52.5°	2721.1	2651.6	2596.0	2536.0	2496.4	2464.5	2466.2	2485.9	2528.6	2570.4	2626.3
55°	2242.8	2234.4	2162.1	2108.3	2087.9	2066.5	2070.4	2078.1	2107.1	2131.6	2168.6
57.5°	1879.5	1847.0	1825.3	1796.9	1784.0	1769.1	1772.4	1775.3	1794.7	1811.2	1837.8
60°	1622.9	1599.9	1584.5	1565.3	1556.7	1547.2	1549.4	1551.1	1563.5	1574.2	1593.3
62.5°	1452.5	1431.9	1418.5	1403.6	1397.7	1391.2	1392.7	1393.2	1401.0	1408.9	1423.3
65°	1321.7	1305.3	1294.2	1281.4	1275.2	1268.5	1269.1	1269.1	1275.7	1281.4	1292.3
67.5°	1183.5	1171.1	1164.0	1153.8	1149.5	1142.7	1142.6	1140.4	1144.7	1146.9	1154.3
70°	1072.5	1060.1	1050.9	1041.1	1035.7	1029.7	1029.9	1030.0	1034.9	1040.2	1049.7
72.5°	1004.0	992.0	983.9	975.3	970.3	965.1	964.2	963.7	967.2	970.1	976.4
75°	913.1	903.7	898.8	890.8	886.8	881.1	880.2	877.4	879.1	879.7	884.4
77.5°	803.0	794.0	790.1	782.0	778.6	772.1	771.6	768.6	770.0	769.0	772.6
80°	677.4	669.3	667.2	660.5	658.9	652.8	651.9	648.3	649.4	646.6	647.9
82.5°	537.3	529.8	528.2	522.1	522.1	516.6	516.3	510.9	510.9	506.1	498.6
85°	378.5	373.0	370.7	365.7	364.1	359.8	357.5	352.2	350.4	347.1	346.0
87.5°	199.8	196.3	193.2	190.8	186.4	178.5	177.8	172.3	172.7	168.8	169.1
90°	53.7	48.7	47.6	43.1	41.6	38.2	37.0	37.4	38.4	39.0	40.3
92.5°	46.7	45.0	43.4	41.7	40.0	38.2	36.5	38.2	40.0	41.7	43.4
95°	53.0	51.5	49.9	48.4	46.9	45.4	43.9	45.4	46.9	48.6	50.1
97.5°	58.9	57.9	57.0	56.0	55.1	54.1	53.2	54.3	55.3	56.2	57.2
100°	68.0	66.9	65.7	64.6	63.5	62.3	61.1	62.5	63.7	64.8	65.9
102.5°	116.7	109.7	102.7	95.7	88.6	81.6	74.6	81.6	88.6	95.9	102.9
105°	275.1	251.5	227.7	204.0	180.3	156.5	132.8	156.6	180.4	204.1	227.9
107.5°	551.3	509.7	468.0	426.3	384.3	342.7	300.9	342.9	384.6	426.5	468.3
110°	817.4	781.5	745.6	709.5	673.4	637.6	601.5	637.7	673.7	709.8	746.0



TEST NUMBER: P1444402
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CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	961.9	940.2	918.2	896.5	874.5	852.6	830.6	852.9	875.0	897.1	919.0
115°	993.3	981.7	970.3	958.8	947.1	935.6	923.8	936.0	947.9	959.6	971.4
117.5°	958.1	954.3	950.3	946.3	942.3	938.3	934.0	938.5	942.9	947.6	951.6
120°	885.5	886.3	886.8	887.2	887.7	888.1	888.4	888.6	888.6	888.6	888.5
122.5°	806.1	809.4	812.4	815.6	818.5	821.6	824.3	822.1	819.6	817.3	814.6
125°	733.2	736.8	740.0	743.1	746.3	749.5	752.1	750.1	747.7	745.1	742.5
127.5°	671.9	674.9	677.7	681.0	683.6	686.3	688.8	687.1	685.1	683.0	680.6
130°	621.2	624.0	626.1	628.4	630.5	632.5	634.3	633.2	631.9	630.8	629.1
132.5°	585.2	587.3	589.2	591.0	592.4	594.1	595.1	594.9	594.1	593.5	592.3
135°	557.9	559.3	560.5	562.0	563.0	564.0	564.6	564.9	564.7	564.5	563.9
137.5°	535.3	536.3	537.0	537.7	538.3	538.7	538.8	539.6	540.0	540.6	540.6
140°	520.7	521.8	522.7	523.4	524.0	524.7	524.6	525.6	525.9	526.3	526.3
142.5°	506.0	506.9	507.7	508.5	509.0	509.5	509.6	510.5	510.9	511.2	511.3
145°	495.4	495.9	496.6	497.2	497.4	497.7	497.5	498.6	499.2	499.8	500.3
147.5°	484.7	485.4	485.9	486.3	486.5	486.8	486.8	487.6	488.4	489.0	489.4
150°	477.0	477.8	478.6	479.4	480.0	480.4	480.5	481.2	481.6	481.9	482.0
152.5°	469.2	469.9	470.8	471.3	471.9	472.3	472.5	473.1	473.7	474.1	474.3
155°	462.0	463.0	463.8	464.6	465.1	465.8	466.4	466.9	467.3	467.6	467.8
157.5°	456.4	457.4	458.0	458.8	459.4	460.2	460.7	461.3	461.7	462.3	462.5
160°	452.7	453.7	454.3	455.1	455.8	456.4	457.0	457.6	458.1	458.5	459.1
162.5°	451.2	452.0	452.4	453.2	453.9	454.7	455.2	455.9	456.4	456.9	457.3
165°	448.6	449.5	450.1	451.0	451.9	452.7	453.3	453.8	454.0	454.4	454.6
167.5°	450.5	451.4	451.9	452.7	453.3	454.3	455.0	455.4	455.6	455.8	455.9
170°	451.2	452.0	452.6	453.2	453.9	454.7	455.2	455.4	455.6	455.8	456.0
172.5°	451.5	452.4	453.1	454.0	454.7	455.5	456.2	456.3	456.1	456.1	455.8
175°	452.3	453.1	453.6	454.4	454.8	455.5	456.2	455.9	455.9	455.7	455.6
177.5°	456.4	457.3	457.9	458.5	459.3	459.8	460.5	459.9	459.5	459.1	458.5
180°	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9



TEST NUMBER: P1444402
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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°	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8
2.5°	36006.4	36024.4	36052.0	36076.9	36114.5	36144.2	36188.7	36222.5	36272.8	36305.4	36360.1
5°	36009.6	36080.0	36172.6	36263.1	36371.7	36470.4	36593.0	36697.4	36820.6	36921.2	37047.3
7.5°	36060.4	36196.4	36359.1	36523.2	36708.7	36882.3	37077.9	37254.9	37448.3	37612.1	37791.0
10°	36098.1	36307.6	36547.5	36788.9	37043.1	37279.2	37517.6	37723.7	37916.2	38074.6	38214.6
12.5°	36047.1	36335.8	36643.7	36941.0	37223.6	37468.0	37673.1	37831.5	37940.9	38015.1	38032.4
15°	35874.0	36221.3	36556.1	36852.2	37086.7	37267.6	37361.2	37405.0	37358.0	37279.9	37108.3
17.5°	35550.6	35916.9	36216.2	36449.8	36573.7	36622.8	36545.3	36410.4	36146.7	35854.1	35431.4
20°	34957.6	35299.0	35516.1	35643.5	35610.3	35487.7	35194.9	34839.1	34312.8	33751.8	33011.5
22.5°	33917.6	34216.1	34331.7	34341.2	34138.9	33832.0	33303.9	32693.4	31863.0	30999.8	29938.1
25°	32356.5	32617.8	32636.2	32533.5	32163.3	31665.9	30890.4	30026.9	28898.6	27748.2	26417.8
27.5°	30239.3	30490.1	30428.6	30237.1	29723.1	29057.5	28064.7	26949.2	25558.1	24199.5	22727.7
30°	27577.9	27846.0	27773.9	27528.1	26916.9	26130.2	24962.0	23665.9	22121.4	20670.4	19179.0
32.5°	24392.9	24731.8	24682.1	24448.6	23810.7	22968.7	21701.2	20326.5	18746.4	17316.4	15865.7
35°	20772.8	21184.3	21205.5	21052.9	20460.7	19628.5	18376.8	17046.3	15532.7	14183.5	12843.4
37.5°	16872.5	17349.6	17447.5	17406.4	16915.6	16180.9	15040.6	13846.9	12506.1	11323.6	10177.4
40°	12950.6	13433.5	13601.0	13650.8	13288.6	12719.6	11783.6	10820.2	9727.2	8768.9	7858.9
42.5°	9374.0	9802.1	9964.1	10065.9	9839.9	9460.4	8777.7	8078.1	7277.2	6586.1	5923.5
45°	6510.5	6813.3	6936.5	7039.0	6915.8	6701.8	6270.6	5833.0	5304.4	4852.8	4425.3
47.5°	4551.9	4718.9	4800.1	4849.9	4802.1	4690.5	4455.8	4202.4	3904.0	3640.1	3386.3
50°	3373.9	3462.8	3505.3	3534.0	3499.3	3437.3	3310.2	3172.3	3008.3	2858.9	2712.8
52.5°	2673.7	2724.7	2749.9	2765.5	2745.5	2707.6	2633.6	2551.8	2453.6	2361.2	2312.6
55°	2252.5	2249.8	2308.2	2280.0	2308.2	2245.2	2232.0	2142.0	2060.5	2003.0	1940.8
57.5°	1857.6	1884.0	1895.2	1907.8	1899.6	1888.1	1856.8	1824.5	1781.5	1745.5	1707.1
60°	1607.9	1629.7	1642.0	1654.5	1653.7	1649.4	1631.1	1612.0	1585.0	1563.5	1540.2
62.5°	1436.0	1454.9	1467.0	1478.9	1480.0	1478.3	1464.5	1451.1	1432.8	1419.3	1403.2
65°	1300.7	1313.9	1322.2	1331.7	1331.2	1328.7	1316.2	1305.1	1290.0	1280.6	1268.9
67.5°	1159.1	1169.1	1175.6	1184.6	1186.3	1186.8	1180.0	1174.8	1167.4	1164.7	1160.8
70°	1058.4	1070.6	1080.9	1092.2	1098.4	1101.3	1098.4	1095.8	1091.4	1089.6	1086.5
72.5°	982.3	992.6	1000.5	1010.8	1016.6	1020.7	1018.5	1017.0	1013.2	1012.7	1010.6
75°	887.6	894.7	899.2	907.0	910.0	914.0	912.2	913.1	911.9	914.9	914.8
77.5°	773.8	779.0	781.2	786.8	787.3	792.0	793.1	798.5	802.5	811.0	815.6
80°	645.8	649.1	649.1	654.8	657.4	665.2	669.0	677.9	682.1	689.8	690.4
82.5°	501.6	497.7	501.6	499.3	506.5	515.4	516.6	524.2	526.0	530.7	527.0
85°	343.0	342.7	339.6	340.1	337.8	338.9	337.6	339.0	337.7	337.8	334.4
87.5°	164.3	165.8	162.1	163.4	159.9	161.5	158.4	160.8	157.2	157.8	152.5
90°	41.1	42.1	43.0	44.1	45.7	48.7	52.1	55.2	58.9	61.9	65.3
92.5°	45.0	46.8	48.5	50.2	52.0	57.1	62.3	67.4	72.7	77.6	82.7
95°	51.7	53.2	54.7	56.4	57.9	65.3	72.7	80.1	87.6	94.9	102.4
97.5°	58.3	59.3	60.2	61.2	62.4	71.1	79.8	88.6	97.4	106.0	114.6
100°	67.3	68.4	69.5	70.8	71.9	92.1	112.2	132.4	152.5	172.5	192.6
102.5°	110.0	117.0	124.1	131.4	138.4	187.3	236.1	284.8	333.4	382.2	430.9
105°	251.7	275.5	299.5	323.3	347.0	420.9	494.8	568.7	642.2	716.1	789.9
107.5°	510.2	551.9	593.9	635.7	677.4	747.0	816.4	885.8	955.3	1024.6	1093.9
110°	782.3	818.1	854.5	890.5	926.7	981.7	1036.9	1091.8	1147.0	1202.0	1257.1



TEST NUMBER: P1444402
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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°	941.2	963.1	985.1	1006.9	1028.9	1069.3	1110.0	1150.4	1190.9	1230.9	1271.3
115°	983.2	994.6	1006.3	1017.8	1029.6	1054.1	1078.3	1102.7	1127.2	1151.3	1175.7
117.5°	955.9	960.2	964.4	968.2	972.5	985.0	997.5	1010.0	1022.5	1035.0	1047.4
120°	888.4	888.0	887.7	887.2	886.9	890.6	894.7	898.4	902.3	906.1	909.7
122.5°	811.9	808.9	806.2	803.2	800.3	798.7	797.5	795.9	794.8	793.2	791.8
125°	739.7	736.8	733.8	730.7	727.6	724.1	720.5	716.8	713.2	709.5	705.9
127.5°	678.5	675.6	673.1	670.3	667.5	663.3	659.3	655.1	651.2	646.9	642.8
130°	627.6	625.6	623.8	621.3	619.5	615.7	612.3	608.6	605.1	601.4	597.8
132.5°	591.4	589.9	588.7	586.7	585.4	582.0	579.1	575.5	572.3	569.1	565.9
135°	563.6	562.7	562.0	560.8	559.8	557.2	554.8	552.2	549.8	547.2	544.8
137.5°	540.7	540.3	540.0	539.6	539.2	537.0	535.0	532.9	530.9	528.6	526.7
140°	526.3	526.1	525.9	525.4	525.0	522.8	520.6	518.4	516.3	514.0	511.9
142.5°	511.3	511.2	511.0	510.6	510.3	508.4	506.9	505.2	503.4	501.7	500.0
145°	500.4	500.5	500.7	500.4	500.6	498.4	496.6	494.4	492.7	490.6	488.8
147.5°	489.8	489.9	490.2	490.2	490.5	488.7	487.2	485.4	484.0	482.2	480.8
150°	482.1	482.1	482.2	482.0	481.9	480.2	478.8	477.0	475.5	473.6	472.2
152.5°	474.4	474.6	474.8	474.9	475.1	473.5	471.8	470.1	468.4	466.6	464.8
155°	468.1	468.2	468.4	468.4	468.4	466.9	465.4	463.6	462.1	460.5	459.0
157.5°	462.8	463.1	463.3	463.5	463.6	462.3	461.0	459.6	458.3	456.9	455.6
160°	459.3	459.7	460.0	460.1	460.4	459.3	458.4	457.0	456.2	454.7	453.4
162.5°	457.7	458.1	458.4	458.5	458.8	457.7	456.8	455.6	454.5	453.1	452.0
165°	455.0	455.0	455.2	455.1	455.2	454.5	453.7	453.0	452.2	451.4	450.6
167.5°	456.2	456.2	456.4	456.3	456.4	455.8	455.7	454.9	454.3	453.7	453.1
170°	456.2	456.2	456.3	456.2	456.3	455.7	455.3	454.7	454.4	453.5	452.9
172.5°	455.8	455.6	455.5	455.4	455.1	454.7	454.5	454.2	453.8	453.4	453.0
175°	455.3	455.1	455.0	454.8	454.5	454.4	454.2	454.2	453.9	453.8	453.6
177.5°	458.2	457.8	457.2	456.8	456.3	456.1	456.1	455.9	455.9	455.8	455.6
180°	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9



TEST NUMBER: P1444402
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CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8
2.5°	36393.9	36169.2	36139.5	36155.3	36192.8	36206.8	36247.2	36258.3	36299.2	36309.2	36348.3
5°	37144.9	36847.8	36862.6	36934.0	37042.2	37106.7	37212.9	37268.5	37370.0	37416.1	37507.9
7.5°	37936.8	37703.4	37776.2	37896.6	38044.5	38147.0	38274.6	38357.7	38467.8	38536.1	38624.2
10°	38325.6	38261.6	38341.7	38436.4	38520.9	38586.9	38641.1	38684.4	38712.7	38739.3	38750.9
12.5°	38029.6	38128.6	38142.2	38133.0	38077.1	38034.5	37938.6	37873.5	37757.9	37687.4	37549.8
15°	36932.8	37150.4	37029.9	36847.6	36580.7	36358.2	36044.0	35810.1	35482.9	35261.0	34932.7
17.5°	35008.0	35282.5	34968.6	34546.6	34009.9	33550.7	32978.9	32524.9	31956.3	31542.9	31012.2
20°	32298.1	32554.7	31994.9	31295.3	30465.0	29766.2	28942.2	28284.6	27518.8	26949.2	26261.6
22.5°	28924.1	29106.8	28318.2	27375.2	26317.3	25444.3	24459.0	23670.7	22796.7	22145.5	21412.5
25°	25191.3	25240.6	24294.7	23208.3	22029.2	21048.0	19996.2	19167.4	18276.0	17616.0	16896.6
27.5°	21423.9	21351.5	20329.0	19177.2	17936.9	16917.0	15891.0	15114.4	14333.9	13739.3	13119.5
30°	17867.9	17692.7	16631.0	15447.1	14243.1	13329.1	12477.4	11853.6	11232.7	10761.0	10263.5
32.5°	14607.0	14359.9	13326.5	12217.2	11202.7	10497.3	9865.8	9393.9	8892.3	8494.0	8076.4
35°	11718.6	11455.4	10539.9	9599.4	8831.7	8311.7	7815.3	7428.2	7002.4	6666.3	6303.6
37.5°	9239.8	9024.1	8257.2	7517.2	6936.5	6533.5	6126.7	5810.3	5458.5	5310.6	4923.1
40°	7133.1	6982.3	6382.6	5837.2	5401.1	5211.8	4798.9	4503.4	4240.3	4023.5	3813.5
42.5°	5563.9	5510.6	4927.0	4501.6	4194.5	3956.0	3725.9	3539.2	3357.3	3207.8	3066.7
45°	4083.1	4040.8	3781.8	3536.2	3327.0	3160.3	3004.8	2876.3	2757.4	2658.9	2569.3
47.5°	3179.5	3166.0	3016.8	2864.6	2732.7	2625.6	2524.6	2439.4	2360.5	2294.7	2273.3
50°	2586.1	2584.3	2496.8	2402.7	2308.9	2246.9	2182.6	2132.1	2081.5	2042.0	2000.3
52.5°	2197.3	2187.7	2128.7	2070.7	2014.9	1974.2	1933.0	1900.9	1867.3	1842.9	1817.0
55°	1891.7	1901.7	1867.5	1832.8	1797.9	1772.6	1743.8	1722.5	1699.6	1684.1	1668.5
57.5°	1679.3	1692.6	1674.6	1655.0	1633.8	1617.1	1597.2	1582.5	1567.2	1557.4	1548.3
60°	1524.9	1539.3	1532.2	1522.3	1509.2	1499.3	1486.6	1478.4	1468.5	1463.0	1457.9
62.5°	1393.9	1411.9	1409.4	1404.7	1396.3	1390.8	1383.8	1380.2	1373.7	1371.3	1368.9
65°	1263.2	1283.4	1283.0	1280.8	1276.1	1274.5	1270.2	1269.4	1266.1	1267.4	1267.1
67.5°	1160.4	1178.0	1181.8	1184.7	1184.6	1185.6	1185.2	1186.9	1186.9	1189.5	1191.1
70°	1086.1	1098.4	1101.3	1104.4	1105.2	1107.5	1107.5	1109.0	1108.6	1110.7	1111.0
72.5°	1011.1	1027.3	1030.3	1032.6	1032.6	1034.9	1033.7	1033.3	1030.1	1029.5	1027.2
75°	917.8	938.6	943.1	946.0	946.4	948.5	945.6	943.9	938.6	936.4	932.6
77.5°	820.3	841.9	845.0	846.1	844.4	844.8	838.9	834.9	828.1	825.3	821.7
80°	693.5	725.2	727.7	725.7	720.7	719.9	714.2	710.4	702.3	699.4	696.4
82.5°	527.7	564.8	570.1	572.3	568.4	569.3	563.8	561.6	554.1	552.8	547.9
85°	333.2	370.3	376.5	375.5	371.5	370.6	367.4	368.5	367.8	369.8	370.9
87.5°	153.1	189.1	197.8	194.9	194.5	192.0	186.3	188.4	191.8	194.1	194.2
90°	68.5	82.6	85.7	83.8	78.6	76.2	71.2	69.4	64.9	63.1	58.7
92.5°	87.9	93.0	98.2	93.6	89.1	84.5	79.9	75.3	70.8	66.1	61.6
95°	109.8	117.0	124.4	118.4	112.1	105.9	99.9	93.8	87.8	81.6	75.6
97.5°	123.4	131.9	140.5	134.4	128.2	122.1	116.0	109.9	103.8	97.7	91.5
100°	212.8	232.4	252.4	235.1	217.6	200.4	183.1	165.7	148.4	131.2	113.6
102.5°	479.5	527.9	576.5	532.7	488.9	445.1	401.4	357.5	313.8	269.9	226.2
105°	863.5	936.9	1010.4	943.3	876.5	809.7	742.9	676.1	609.2	542.4	475.7
107.5°	1163.2	1231.7	1300.6	1240.2	1179.6	1119.4	1058.7	998.3	937.9	877.4	817.1
110°	1312.0	1365.8	1420.6	1379.8	1339.2	1298.5	1257.9	1217.2	1176.7	1136.2	1095.8



TEST NUMBER: P1444402
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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°	1311.6	1350.3	1390.2	1366.2	1342.5	1318.5	1294.7	1270.8	1247.3	1223.3	1199.9
115°	1199.8	1222.1	1245.9	1236.2	1226.7	1217.2	1207.5	1198.2	1188.6	1179.1	1169.9
117.5°	1059.8	1069.9	1081.6	1079.5	1077.7	1075.6	1073.9	1071.9	1070.2	1068.4	1066.7
120°	913.4	914.8	917.8	918.6	919.7	920.6	921.7	922.5	923.6	924.7	926.1
122.5°	790.2	786.0	783.6	784.5	785.3	785.9	786.9	787.7	788.7	789.6	790.8
125°	702.3	695.5	691.0	688.9	687.1	685.1	683.2	681.3	679.6	677.7	676.0
127.5°	638.6	631.2	626.3	622.3	618.2	614.0	609.9	605.8	601.9	597.6	593.9
130°	594.3	587.1	582.6	577.5	572.7	567.4	562.4	557.4	552.2	547.2	542.2
132.5°	562.5	555.7	551.4	546.6	541.9	536.9	532.1	527.1	522.3	517.2	512.6
135°	542.2	535.9	532.4	527.9	523.8	519.2	514.8	510.2	505.9	501.2	497.0
137.5°	524.5	518.2	515.4	511.8	508.3	504.7	501.3	497.4	493.9	490.0	486.5
140°	509.5	503.1	500.0	497.9	495.9	493.6	491.6	489.3	487.2	485.1	482.8
142.5°	498.2	491.9	489.3	487.9	486.7	485.1	484.1	482.6	481.3	479.5	478.2
145°	486.7	479.7	476.8	476.3	476.3	476.0	475.7	475.5	475.2	474.7	474.4
147.5°	479.1	471.8	469.0	469.2	469.3	469.2	469.5	469.4	469.7	469.7	469.8
150°	470.3	462.1	458.8	459.4	459.7	460.2	460.6	461.0	461.6	462.0	462.4
152.5°	462.9	453.3	449.5	450.0	450.7	451.1	451.7	452.4	453.1	453.7	454.4
155°	457.1	446.6	442.5	442.5	442.9	443.0	443.3	443.7	444.1	444.4	444.9
157.5°	453.8	443.0	439.0	438.7	438.8	438.8	438.9	439.0	439.2	439.4	439.9
160°	452.1	441.2	437.4	437.1	437.1	437.1	437.0	437.0	437.2	437.4	437.7
162.5°	450.5	439.9	436.3	435.9	435.7	435.6	435.7	435.5	435.7	435.6	436.0
165°	449.6	440.2	437.0	436.9	437.0	436.9	437.0	437.2	437.5	437.6	438.0
167.5°	452.3	444.1	441.4	441.0	440.6	440.2	440.2	439.7	439.7	439.4	439.4
170°	452.2	445.7	443.4	443.3	443.5	443.5	443.4	443.4	443.4	443.4	443.6
172.5°	452.6	447.8	446.1	446.3	446.7	446.9	447.3	447.6	448.0	448.3	448.7
175°	453.4	450.5	449.8	449.7	449.9	450.1	450.3	450.4	450.6	450.8	451.3
177.5°	455.6	454.7	454.2	454.2	454.2	454.2	454.2	454.2	454.2	454.4	454.4
180°	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9



TEST NUMBER: P1444402
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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°	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8
2.5°	36355.7	36398.1	36394.8	36434.4	36432.5	36469.7	36462.2	36494.4	36487.2	36514.6	36498.5
5°	37548.2	37628.8	37655.5	37728.2	37743.3	37808.4	37809.8	37861.5	37855.2	37895.7	37874.1
7.5°	38676.4	38751.7	38787.3	38843.9	38872.0	38918.8	38937.2	38975.7	38984.9	39007.6	39006.9
10°	38771.5	38771.2	38788.9	38781.0	38796.8	38787.7	38806.9	38800.0	38828.4	38821.2	38842.7
12.5°	37490.5	37363.4	37317.0	37202.7	37177.8	37079.7	37086.7	37023.8	37054.2	37015.6	37081.4
15°	34737.3	34442.4	34296.7	34040.2	33959.8	33757.1	33740.7	33606.1	33642.4	33572.0	33674.9
17.5°	30668.9	30204.6	29949.7	29575.3	29426.6	29140.0	29082.5	28909.3	28936.1	28848.8	28973.1
20°	25818.2	25257.1	24935.7	24502.7	24309.5	23967.8	23877.2	23683.2	23707.6	23620.7	23761.3
22.5°	20912.2	20324.9	19962.1	19508.2	19261.5	18940.1	18843.7	18648.9	18660.0	18578.4	18713.7
25°	16403.8	15840.7	15488.6	15076.2	14862.2	14567.5	14466.1	14291.3	14301.2	14234.0	14355.3
27.5°	12689.5	12227.5	11932.8	11587.3	11395.3	11153.1	11054.3	10907.3	10906.9	10857.5	10959.0
30°	9916.1	9530.6	9266.1	8965.1	8784.9	8566.3	8470.9	8339.3	8333.5	8298.5	8379.1
32.5°	7764.2	7421.2	7179.8	6915.1	6753.2	6565.7	6475.4	6369.5	6359.9	6328.2	6394.4
35°	6035.6	5746.9	5539.3	5316.3	5332.8	5056.0	5102.0	4887.0	4828.8	4816.1	4865.2
37.5°	4664.8	4441.2	4272.6	4105.6	3992.5	3875.5	3812.5	3756.0	3749.5	3744.1	3778.6
40°	3651.3	3494.8	3372.2	3257.6	3179.8	3108.3	3069.0	3037.9	3030.5	3026.4	3047.3
42.5°	2955.2	2849.5	2770.5	2700.6	2653.3	2614.5	2592.8	2575.6	2569.8	2570.0	2582.3
45°	2496.8	2432.7	2381.7	2338.3	2308.1	2321.3	2282.3	2302.7	2275.7	2303.6	2285.2
47.5°	2198.7	2144.2	2112.6	2081.9	2063.6	2048.9	2049.4	2049.7	2055.4	2056.3	2062.4
50°	1968.8	1937.2	1915.3	1895.6	1886.1	1878.4	1881.1	1883.1	1888.6	1889.0	1893.5
52.5°	1798.5	1777.9	1764.6	1752.4	1748.2	1743.8	1745.7	1744.9	1747.4	1746.1	1749.6
55°	1660.1	1650.3	1646.2	1641.6	1642.2	1641.1	1641.8	1637.5	1634.8	1631.5	1634.6
57.5°	1546.4	1545.1	1547.9	1549.8	1555.0	1556.9	1558.1	1553.0	1548.2	1543.8	1546.3
60°	1458.9	1461.0	1468.0	1473.5	1481.0	1484.5	1486.7	1483.7	1480.3	1476.7	1478.8
62.5°	1372.5	1375.9	1384.1	1390.4	1399.5	1404.2	1409.4	1409.7	1411.0	1409.7	1411.1
65°	1272.2	1276.4	1283.9	1289.1	1297.5	1301.6	1307.0	1308.0	1310.9	1310.2	1312.7
67.5°	1196.1	1199.8	1206.1	1211.0	1218.5	1222.8	1227.4	1227.8	1228.8	1228.6	1230.9
70°	1114.7	1116.6	1122.2	1126.3	1133.8	1138.3	1143.6	1145.2	1148.5	1149.0	1151.8
72.5°	1028.1	1027.3	1030.7	1032.5	1038.2	1041.6	1048.5	1052.2	1057.7	1059.2	1061.3
75°	933.7	932.9	937.0	938.6	943.3	946.8	954.4	959.4	968.0	971.7	970.8
77.5°	824.5	826.4	833.8	838.0	844.4	848.8	858.8	866.6	882.5	889.4	882.4
80°	702.3	704.3	712.1	715.9	724.4	729.7	740.8	750.0	764.3	767.4	763.4
82.5°	552.1	552.7	559.6	562.6	573.5	581.4	595.5	602.8	611.7	610.3	609.2
85°	376.5	381.6	390.3	399.0	412.3	425.2	438.4	449.3	441.6	453.7	440.1
87.5°	201.2	200.7	212.4	210.6	229.2	240.1	251.6	257.1	263.2	262.0	262.1
90°	57.4	54.4	54.3	51.0	51.8	48.1	49.9	46.6	49.0	44.9	51.3
92.5°	57.0	54.7	52.1	49.7	47.1	44.8	42.2	39.8	37.2	34.8	37.2
95°	69.5	67.2	65.0	62.6	60.3	58.0	55.8	53.5	51.3	48.9	51.8
97.5°	85.5	84.2	82.8	81.5	80.2	78.8	77.5	76.2	74.7	73.4	75.3
100°	96.4	96.4	96.4	96.4	96.2	96.2	96.2	96.2	96.2	96.2	97.7
102.5°	182.4	178.1	173.7	169.1	164.8	160.4	156.1	151.7	147.3	143.0	149.4
105°	408.8	391.8	374.5	357.5	340.2	323.2	306.0	289.0	271.8	254.8	272.4
107.5°	756.9	725.5	694.2	663.1	631.8	600.7	569.5	538.4	507.2	476.0	504.0
110°	1055.2	1022.0	988.8	955.7	922.6	889.4	856.4	823.3	790.3	757.3	783.9



TEST NUMBER: P1444402
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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°	1176.2	1154.5	1133.1	1111.8	1090.3	1069.0	1047.6	1026.5	1005.2	983.9	996.8
115°	1160.6	1150.3	1140.0	1129.8	1119.6	1109.2	1099.0	1089.0	1078.9	1068.8	1069.6
117.5°	1065.0	1061.4	1057.9	1054.4	1050.9	1047.5	1044.2	1041.0	1037.6	1034.5	1027.3
120°	927.5	928.2	929.0	930.0	931.1	932.3	933.2	934.5	935.8	937.2	927.5
122.5°	791.9	794.0	796.4	798.8	801.2	803.9	806.5	809.3	812.2	815.1	805.4
125°	674.2	676.3	678.7	680.9	683.1	685.8	688.4	691.3	694.0	697.0	688.8
127.5°	590.0	590.5	590.9	591.8	592.4	593.4	594.5	595.7	597.0	598.5	593.4
130°	537.2	536.0	534.7	533.7	532.4	531.8	531.1	530.5	530.0	529.7	527.6
132.5°	507.5	505.1	502.7	500.4	498.1	496.2	494.2	492.7	491.1	489.7	489.0
135°	492.3	489.1	485.9	482.8	479.8	477.2	474.4	472.1	469.8	467.6	468.2
137.5°	482.9	479.8	476.4	473.5	470.4	467.9	465.0	462.5	460.3	458.2	459.2
140°	480.6	477.4	474.2	471.2	468.5	465.8	463.1	460.8	458.3	456.4	457.0
142.5°	476.7	473.9	470.9	468.4	465.6	463.1	460.8	458.8	456.4	454.7	455.4
145°	474.0	472.0	469.8	467.8	465.9	464.1	462.1	460.7	459.2	458.1	458.4
147.5°	469.7	468.3	466.6	465.0	463.4	462.3	460.9	459.8	458.7	457.9	458.0
150°	462.9	461.9	460.8	459.9	458.9	458.1	457.3	456.6	455.9	455.4	455.3
152.5°	455.1	454.3	453.2	452.4	451.6	450.9	450.2	449.7	449.1	448.6	448.5
155°	445.3	444.9	444.5	444.4	444.0	444.0	443.6	443.7	443.4	443.4	443.5
157.5°	440.1	440.1	439.9	440.1	440.1	440.2	440.2	440.5	440.4	440.8	441.0
160°	438.2	438.0	437.8	437.9	437.7	437.6	437.6	437.7	437.7	437.7	438.2
162.5°	436.2	436.6	436.7	436.9	437.3	437.6	438.0	438.5	438.8	439.3	439.7
165°	438.4	438.4	438.3	438.2	438.4	438.6	438.6	439.0	439.0	439.4	440.0
167.5°	439.3	439.6	439.7	440.0	440.3	440.7	441.0	441.6	442.1	442.9	443.4
170°	443.5	443.5	443.5	443.5	443.5	443.8	443.9	444.0	444.2	444.6	444.9
172.5°	448.9	448.9	448.7	448.9	448.7	448.9	448.9	449.1	449.1	449.2	449.4
175°	451.2	451.7	451.9	452.2	452.3	452.4	452.6	452.8	453.0	453.3	453.3
177.5°	454.4	454.5	454.5	454.5	454.5	454.6	454.6	454.6	454.6	454.5	454.7
180°	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9



TEST NUMBER: P1444402
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CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8
2.5°	36525.3	36507.0	36525.7	36506.7	36525.7	36503.0	36518.4	36493.8	36500.1	36474.5	36481.1
5°	37906.4	37877.3	37892.8	37855.0	37858.9	37808.4	37807.4	37748.6	37733.2	37666.2	37636.7
7.5°	39023.2	39013.7	39019.0	38994.6	38991.9	38957.4	38940.9	38892.2	38861.6	38800.0	38757.9
10°	38846.4	38874.9	38882.2	38911.3	38917.2	38946.0	38952.0	38980.8	38986.8	39008.0	39008.3
12.5°	37078.3	37175.0	37198.1	37317.5	37367.7	37504.4	37577.7	37728.2	37817.6	37967.8	38060.0
15°	33672.0	33839.3	33906.0	34139.2	34268.2	34540.4	34711.4	35024.0	35244.6	35576.5	35813.2
17.5°	28984.1	29217.8	29323.3	29639.5	29845.7	30247.5	30537.1	31013.7	31378.6	31908.2	32328.1
20°	23785.5	24045.2	24188.4	24549.1	24792.5	25261.9	25623.5	26209.2	26697.5	27368.7	27942.6
22.5°	18756.1	19003.3	19162.3	19529.3	19803.3	20292.9	20697.0	21315.1	21862.4	22618.7	23306.8
25°	14401.2	14627.7	14771.4	15103.3	15360.7	15810.6	16196.5	16791.0	17326.4	18085.0	18790.6
27.5°	11009.5	11199.2	11337.7	11620.8	11847.8	12229.4	12560.7	13052.1	13513.4	14169.8	14798.1
30°	8428.7	8596.9	8731.7	8978.2	9188.7	9519.4	9810.8	10223.6	10605.4	11127.6	11627.4
32.5°	6441.0	6585.7	6705.8	6921.5	7112.5	7410.4	7672.9	8034.7	8362.4	8805.3	9216.6
35°	4911.0	5195.8	5175.7	5473.3	5521.1	5735.0	5969.1	6285.5	6575.8	6952.3	7302.3
37.5°	3811.7	3891.8	3977.7	4109.3	4247.5	4441.9	4639.8	5026.3	5168.1	5452.7	5742.4
40°	3073.7	3127.9	3184.6	3273.5	3370.3	3507.3	3651.5	3835.8	4024.7	4255.5	4491.2
42.5°	2598.6	2629.3	2665.3	2717.5	2777.2	2864.1	2960.5	3085.5	3216.9	3379.3	3545.1
45°	2321.7	2307.2	2317.9	2345.9	2381.8	2434.7	2495.6	2573.0	2658.5	2763.8	2875.8
47.5°	2063.6	2069.5	2072.7	2087.9	2107.1	2142.6	2179.4	2232.0	2333.5	2364.4	2425.4
50°	1893.1	1895.9	1895.0	1902.8	1912.5	1935.5	1959.4	1995.0	2030.5	2077.6	2122.5
52.5°	1750.2	1754.1	1753.6	1758.8	1763.9	1778.6	1793.6	1818.7	1842.0	1872.0	1897.8
55°	1637.3	1642.9	1645.0	1649.2	1651.8	1659.4	1665.5	1677.5	1687.4	1704.3	1719.9
57.5°	1550.5	1558.1	1561.5	1563.0	1559.9	1559.5	1557.5	1560.1	1562.0	1571.2	1580.0
60°	1482.2	1488.3	1489.2	1488.3	1482.6	1478.7	1472.2	1470.2	1469.2	1473.5	1478.4
62.5°	1410.8	1412.9	1411.4	1409.7	1403.2	1399.4	1392.7	1390.3	1388.0	1391.1	1393.6
65°	1311.8	1313.7	1311.8	1310.7	1304.9	1301.9	1296.3	1294.4	1291.2	1292.0	1291.5
67.5°	1231.5	1233.3	1231.9	1230.4	1226.3	1224.5	1220.4	1217.7	1213.8	1212.3	1209.7
70°	1151.4	1152.9	1150.6	1149.0	1144.5	1142.8	1139.0	1138.2	1135.0	1134.4	1131.3
72.5°	1059.2	1059.3	1056.2	1055.2	1051.9	1051.8	1050.2	1051.7	1051.5	1053.1	1052.4
75°	965.0	963.7	959.7	959.0	956.4	957.6	955.9	958.1	958.4	961.9	962.3
77.5°	870.6	865.6	858.1	854.4	849.4	848.7	845.7	847.8	847.1	851.1	852.7
80°	751.4	745.3	735.6	730.9	724.9	724.0	721.2	724.0	722.6	727.3	730.6
82.5°	599.9	594.7	584.5	580.8	573.8	574.5	571.5	574.5	574.1	581.0	585.0
85°	443.8	440.2	429.8	420.6	410.3	404.3	398.5	397.3	395.6	398.5	400.8
87.5°	256.3	253.1	244.9	239.5	221.6	222.3	215.2	214.8	213.1	211.5	215.2
90°	50.7	56.0	55.7	60.5	60.7	66.4	67.0	72.3	72.3	77.9	78.7
92.5°	39.8	42.2	44.7	47.1	49.6	52.1	54.6	57.0	62.4	67.4	73.0
95°	54.6	57.5	60.3	63.2	66.0	68.9	71.7	74.6	82.3	90.1	97.9
97.5°	77.4	79.0	80.9	82.8	84.8	86.6	88.5	90.4	99.0	107.4	115.7
100°	99.2	100.7	102.2	103.8	105.3	106.9	108.4	109.9	126.2	142.4	158.5
102.5°	155.9	162.3	168.8	175.3	181.9	188.4	194.8	201.3	238.4	275.5	312.5
105°	290.1	307.7	325.5	343.3	360.9	378.6	396.3	414.0	473.4	532.8	592.2
107.5°	531.9	559.8	587.7	615.8	643.7	671.7	699.6	727.8	785.6	843.7	901.5
110°	810.4	837.2	863.7	890.4	917.0	943.8	970.5	997.4	1032.2	1066.9	1101.7



TEST NUMBER: P1444402
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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°	1009.8	1022.7	1035.8	1048.9	1061.9	1075.1	1088.1	1101.3	1118.8	1136.2	1153.7
115°	1070.4	1071.3	1072.3	1073.2	1074.2	1075.1	1076.3	1077.4	1083.1	1088.6	1094.3
117.5°	1020.2	1013.0	1006.2	999.0	992.1	985.4	978.6	972.0	971.0	970.0	969.2
120°	918.2	908.7	899.2	889.7	880.6	871.3	862.3	853.2	848.7	844.2	839.8
122.5°	795.9	786.5	777.2	767.8	758.7	749.7	740.8	731.9	728.9	725.8	722.9
125°	680.9	673.1	665.3	657.8	650.4	642.9	635.8	628.5	628.7	628.6	629.0
127.5°	588.7	583.9	579.3	574.9	570.7	566.4	562.2	558.1	560.5	562.9	565.3
130°	525.5	523.6	521.9	520.0	518.7	517.2	515.7	514.4	518.5	522.3	526.4
132.5°	489.0	488.7	488.8	488.8	489.2	489.4	490.1	490.3	494.9	499.3	503.9
135°	468.8	469.5	470.6	471.5	472.9	474.1	475.6	476.9	481.4	485.5	490.0
137.5°	460.2	461.3	462.7	464.0	465.9	467.4	469.3	470.9	474.4	477.9	481.4
140°	458.0	458.7	460.0	461.2	462.6	463.8	465.6	467.0	470.0	472.6	475.4
142.5°	456.4	457.0	458.2	459.4	460.7	461.8	463.3	464.5	466.7	468.7	471.1
145°	459.2	459.7	460.7	461.4	462.4	463.4	464.5	465.6	467.1	468.3	469.8
147.5°	458.6	459.0	459.6	460.3	461.1	461.7	462.4	463.1	464.2	465.1	466.2
150°	455.7	455.8	456.2	456.5	457.1	457.5	458.1	458.5	459.3	460.1	461.0
152.5°	449.0	449.0	449.4	449.7	450.1	450.5	450.8	451.3	452.1	452.7	453.6
155°	443.9	444.5	445.0	445.4	446.1	446.3	447.0	447.4	448.0	448.6	449.2
157.5°	441.6	441.8	442.5	442.9	443.5	443.9	444.4	444.8	445.5	445.9	446.4
160°	438.9	439.6	440.2	440.9	441.6	442.2	443.0	443.7	444.3	444.7	445.2
162.5°	440.3	440.8	441.3	441.7	442.2	442.9	443.3	443.8	444.7	445.1	446.0
165°	440.7	441.3	442.2	442.5	443.5	444.2	444.8	445.5	445.9	446.5	446.9
167.5°	444.1	444.6	445.5	446.0	446.7	447.3	448.0	448.6	449.1	449.4	449.9
170°	445.5	446.1	446.7	447.2	447.8	448.3	449.0	449.5	450.2	450.6	451.4
172.5°	449.9	450.3	450.8	451.0	451.5	452.1	452.6	452.9	453.5	454.0	454.5
175°	453.3	453.3	453.4	453.6	453.7	453.7	453.8	454.2	454.3	454.5	454.6
177.5°	454.9	455.1	455.3	455.4	455.6	455.8	456.0	456.2	456.2	456.2	456.2
180°	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9



TEST NUMBER: P1444402
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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°	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8
2.5°	36455.6	36457.2	36427.7	36426.1	36398.6	36395.1	36368.3	36360.1	36338.3	36330.5	36308.3
5°	37561.6	37525.8	37443.0	37394.3	37312.5	37258.3	37169.8	37112.1	37026.7	36962.3	36876.3
7.5°	38680.2	38624.6	38531.7	38456.4	38342.9	38252.3	38119.5	38010.6	37866.9	37742.4	37591.3
10°	39008.3	38999.8	38976.1	38941.5	38888.8	38829.4	38739.0	38644.8	38518.7	38381.9	38213.9
12.5°	38201.0	38288.2	38407.1	38477.5	38563.3	38600.8	38635.9	38627.1	38604.0	38534.7	38437.7
15°	36156.2	36401.2	36725.5	36976.8	37266.0	37476.2	37708.2	37852.9	37997.1	38063.7	38104.5
17.5°	32903.3	33367.1	33948.7	34430.6	34986.7	35433.4	35922.9	36291.5	36670.5	36942.1	37187.7
20°	28725.0	29396.9	30219.4	30946.0	31791.0	32525.2	33329.8	33990.4	34671.6	35204.2	35708.3
22.5°	24192.9	24990.9	25985.4	26906.5	27995.7	28974.6	30079.0	31040.3	32043.9	32882.5	33693.1
25°	19736.3	20611.5	21698.8	22726.5	23960.1	25098.8	26408.7	27606.6	28903.9	30030.1	31142.7
27.5°	15666.8	16526.1	17636.2	18730.2	20034.6	21247.9	22651.3	23971.2	25448.3	26810.3	28203.8
30°	12322.1	13050.9	14046.3	15105.9	16392.4	17627.1	19045.7	20403.2	21939.8	23427.0	24996.5
32.5°	9762.5	10317.6	11100.2	11996.2	13183.3	14358.6	15709.4	17019.8	18533.0	20035.3	21667.6
35°	7753.2	8186.2	8782.8	9482.1	10487.3	11500.5	12695.2	13887.0	15298.7	16724.3	18310.8
37.5°	6113.8	6465.2	6932.4	7457.7	8264.0	9095.4	10075.2	11063.2	12289.8	13553.5	14991.3
40°	4774.2	5058.7	5422.5	5814.2	6423.0	7063.7	7821.4	8587.5	9573.0	10605.8	11795.8
42.5°	3750.6	3960.4	4217.3	4503.6	5071.6	5411.8	5925.6	6479.7	7204.3	7953.9	8848.6
45°	3012.0	3155.1	3333.3	3525.3	3789.0	4077.5	4429.4	4798.4	5486.6	5824.3	6368.4
47.5°	2515.3	2611.4	2724.8	2845.8	3001.3	3169.1	3377.7	3591.1	3867.1	4153.0	4488.3
50°	2180.9	2278.5	2317.5	2380.1	2470.1	2566.0	2683.6	2801.3	2949.3	3099.2	3271.9
52.5°	1932.5	1964.3	2006.7	2046.6	2102.4	2211.4	2246.7	2308.2	2391.2	2472.4	2563.1
55°	1742.9	1763.7	1791.2	1815.3	1849.0	1881.2	1927.7	1968.7	2024.0	2072.9	2133.1
57.5°	1595.3	1608.6	1627.7	1643.5	1665.3	1683.5	1710.8	1733.0	1764.7	1792.4	1828.9
60°	1488.2	1497.0	1509.8	1520.1	1534.0	1543.5	1557.0	1567.4	1584.2	1598.3	1618.6
62.5°	1400.6	1405.1	1413.5	1419.6	1428.3	1433.2	1440.4	1445.0	1454.2	1461.2	1472.6
65°	1295.5	1296.6	1302.2	1304.7	1311.7	1314.2	1320.1	1322.2	1329.9	1335.1	1345.1
67.5°	1209.4	1207.0	1207.2	1205.1	1206.1	1204.0	1204.5	1202.4	1205.6	1207.2	1214.7
70°	1130.8	1127.5	1126.3	1122.7	1121.7	1118.0	1116.9	1113.5	1113.1	1112.0	1114.7
72.5°	1054.2	1053.2	1053.5	1051.0	1050.7	1048.1	1048.3	1046.7	1048.5	1049.3	1052.7
75°	966.1	966.3	968.0	965.8	966.4	964.3	965.1	963.1	964.2	963.8	967.2
77.5°	858.9	861.4	866.0	865.1	866.6	864.2	865.2	862.5	863.3	861.4	862.7
80°	738.3	743.6	749.9	749.6	752.3	750.6	752.9	750.3	751.4	748.2	747.4
82.5°	595.1	599.6	606.3	606.6	612.5	613.5	620.0	619.8	624.0	621.2	619.4
85°	406.8	409.9	415.8	419.0	425.0	428.7	435.1	437.6	433.1	441.3	434.8
87.5°	212.4	220.4	215.9	226.2	223.8	234.2	232.0	241.6	239.7	248.0	246.9
90°	85.6	87.0	94.1	96.0	104.4	107.1	110.5	107.3	110.3	107.4	110.6
92.5°	78.0	83.6	89.0	94.2	99.6	105.0	100.0	95.0	90.1	85.3	80.2
95°	105.6	113.5	121.3	129.1	136.8	144.6	136.2	127.9	119.7	111.3	102.9
97.5°	124.1	132.4	140.8	149.1	157.6	166.0	156.1	146.2	136.3	126.5	116.7
100°	174.7	191.0	207.1	223.3	239.5	255.7	237.3	219.0	200.7	182.2	163.9
102.5°	349.7	386.7	424.0	461.1	498.1	535.3	496.3	457.4	418.3	379.4	340.2
105°	651.6	711.0	770.4	829.8	889.2	948.9	885.5	822.2	759.0	695.8	632.3
107.5°	959.6	1017.5	1075.6	1133.4	1191.5	1249.6	1185.6	1121.3	1057.2	993.0	928.8
110°	1136.7	1171.5	1206.6	1241.6	1276.4	1311.5	1264.6	1217.9	1171.0	1124.2	1077.4



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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°	1171.1	1188.9	1206.4	1224.0	1241.6	1259.2	1225.8	1192.5	1159.0	1125.7	1092.1
115°	1100.0	1105.8	1111.5	1117.3	1122.9	1128.8	1106.3	1083.8	1061.5	1039.0	1016.3
117.5°	968.4	967.8	966.8	966.4	965.4	964.7	952.3	939.9	927.3	914.7	902.1
120°	835.3	831.0	826.6	822.1	817.7	813.2	808.1	803.0	797.6	792.5	787.0
122.5°	719.8	717.1	714.0	711.1	707.9	704.9	703.1	701.3	699.3	697.4	695.3
125°	629.1	629.2	629.3	629.6	629.5	629.7	628.8	628.0	627.1	626.3	625.4
127.5°	567.6	570.1	572.3	574.6	576.7	579.1	579.0	579.0	578.9	578.8	578.7
130°	530.0	534.3	538.0	541.6	545.3	549.3	548.8	548.5	548.1	547.8	547.3
132.5°	508.3	512.8	517.0	521.6	525.8	530.0	529.5	529.1	528.3	528.0	527.4
135°	494.1	498.4	502.4	506.7	510.6	514.7	513.9	513.3	512.4	511.9	511.1
137.5°	484.6	488.3	491.5	494.9	497.8	501.3	500.4	499.8	498.8	498.2	497.3
140°	478.1	480.8	483.2	486.0	488.6	491.2	490.1	489.2	488.1	487.1	485.8
142.5°	473.0	475.2	477.0	479.2	481.1	483.1	481.3	479.9	478.4	476.9	475.3
145°	471.2	472.6	473.9	475.3	476.2	477.8	475.8	474.1	472.1	470.4	468.6
147.5°	467.0	467.9	468.5	469.5	470.0	471.0	469.1	467.4	465.6	463.6	461.8
150°	461.6	462.5	463.1	463.9	464.5	465.4	463.3	461.5	459.5	457.7	455.7
152.5°	454.4	455.0	455.6	456.2	456.8	457.4	455.5	453.9	451.9	450.0	448.2
155°	449.5	450.2	450.4	451.0	451.1	451.5	449.8	448.5	446.9	445.3	443.6
157.5°	446.8	447.4	447.8	448.0	448.3	448.7	447.5	446.5	445.1	444.0	442.6
160°	445.6	446.0	446.4	446.7	447.1	447.2	446.2	445.5	444.4	443.3	442.1
162.5°	446.5	447.1	447.6	448.0	448.6	449.1	447.9	446.9	445.7	444.5	443.1
165°	447.3	447.7	448.1	448.5	448.6	449.0	448.2	447.5	446.6	445.8	444.9
167.5°	450.2	450.7	451.0	451.4	451.5	451.8	451.0	450.4	449.5	448.7	447.8
170°	451.7	452.1	452.7	453.1	453.5	453.8	453.3	452.7	451.9	451.3	450.5
172.5°	455.0	455.4	455.6	456.0	456.2	456.7	456.0	455.3	454.6	453.8	453.0
175°	454.6	454.7	455.0	455.0	455.0	455.1	454.5	453.9	453.3	452.7	452.2
177.5°	456.2	456.2	456.2	456.1	456.1	456.1	455.7	455.3	455.0	454.6	453.9
180°	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9



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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8	36073.8
2.5°	36300.3	36284.5	36274.4	36261.4	36253.6	36243.5	36236.1	36229.9	36224.8	36220.1	36216.6
5°	36810.7	36729.6	36666.7	36598.4	36542.4	36486.5	36443.6	36407.8	36383.2	36364.8	36353.8
7.5°	37460.6	37312.1	37180.0	37041.0	36916.4	36793.8	36688.1	36597.1	36528.8	36484.5	36457.7
10°	38041.0	37842.2	37645.6	37438.6	37242.3	37052.0	36876.3	36721.7	36599.5	36518.1	36470.7
12.5°	38301.2	38131.8	37931.0	37706.2	37465.8	37222.4	36985.2	36771.3	36591.8	36471.3	36401.8
15°	38072.1	38002.5	37866.3	37691.8	37463.6	37212.0	36933.5	36671.7	36431.0	36274.8	36184.3
17.5°	37326.7	37423.8	37413.3	37346.6	37182.6	36970.8	36686.9	36393.0	36091.7	35883.1	35769.0
20°	36068.9	36374.0	36528.8	36608.2	36543.8	36406.5	36149.5	35851.1	35500.1	35227.6	35061.2
22.5°	34301.4	34840.0	35175.7	35421.3	35473.4	35426.7	35199.8	34915.9	34524.7	34197.0	33951.4
25°	32025.9	32815.1	33345.5	33761.5	33923.0	33964.8	33771.6	33489.4	33053.2	32671.6	32334.3
27.5°	29345.8	30371.2	31079.4	31638.3	31890.6	31999.9	31822.2	31534.3	31018.3	30562.7	30122.1
30°	26328.4	27545.0	28397.8	29067.9	29375.4	29519.9	29331.1	29009.8	28409.2	27861.1	27306.0
32.5°	23098.9	24430.2	25359.5	26087.2	26391.9	26527.9	26280.9	25920.0	25225.8	24580.0	23932.8
35°	19717.7	21061.4	21998.6	22706.9	22962.2	23044.2	22728.4	22311.2	21542.1	20833.4	20127.5
37.5°	16267.6	17517.8	18369.5	19005.2	19163.2	19177.4	18796.9	18336.1	17527.7	16828.9	16126.2
40°	12847.3	13901.6	14589.3	15098.2	15153.0	15104.0	14690.3	14226.6	13470.5	12844.4	12227.5
42.5°	9625.6	10421.5	10912.0	11260.7	11240.1	11143.4	10764.1	10365.4	9741.6	9264.7	8779.2
45°	6865.4	7390.2	7677.1	7881.1	7815.6	7723.5	7428.3	7148.9	6724.9	6416.9	6090.6
47.5°	4769.5	5396.1	5287.1	5686.0	5342.3	5569.3	5096.6	4835.9	4610.9	4447.3	4262.9
50°	3414.6	3558.1	3627.6	3674.9	3649.7	3614.8	3529.9	3454.0	3351.2	3276.3	3188.9
52.5°	2637.0	2708.8	2748.1	2776.6	2770.9	2758.2	2721.2	2687.4	2639.2	2607.6	2569.3
55°	2233.6	2234.7	2307.0	2276.0	2321.8	2268.1	2289.2	2229.8	2239.4	2188.3	2153.9
57.5°	1856.1	1885.5	1898.7	1911.6	1907.9	1905.7	1891.4	1884.1	1868.0	1863.0	1851.5
60°	1632.7	1648.0	1651.2	1657.2	1652.1	1650.3	1639.1	1635.1	1624.3	1622.3	1614.6
62.5°	1479.5	1487.4	1487.4	1487.4	1480.9	1474.8	1462.3	1455.8	1446.6	1444.6	1440.1
65°	1351.7	1359.8	1361.1	1362.9	1358.2	1353.4	1342.4	1335.3	1325.8	1322.2	1317.1
67.5°	1219.7	1228.4	1231.3	1235.7	1233.1	1232.1	1224.6	1221.8	1215.5	1214.0	1209.4
70°	1116.1	1119.7	1119.4	1119.3	1113.4	1108.2	1099.5	1095.4	1088.8	1087.5	1083.2
72.5°	1054.4	1057.0	1055.4	1053.1	1045.5	1037.8	1027.6	1020.1	1011.5	1006.2	1000.1
75°	967.6	971.1	968.8	967.4	960.6	955.5	947.4	943.2	937.2	935.4	931.3
77.5°	861.1	862.7	859.3	858.9	853.6	850.4	844.2	843.2	838.8	838.9	834.9
80°	742.5	741.6	736.0	735.0	729.7	728.4	723.6	723.9	720.3	721.8	719.0
82.5°	610.9	607.6	600.3	598.1	592.1	591.6	588.3	591.1	589.0	592.1	590.3
85°	437.8	438.8	435.6	435.6	433.9	434.4	434.1	436.1	436.4	439.3	439.2
87.5°	244.1	247.6	246.9	250.1	250.0	253.7	254.8	260.1	260.8	265.8	265.8
90°	107.6	111.2	108.2	112.0	110.8	115.6	115.3	120.3	119.2	123.3	121.2
92.5°	75.3	70.3	65.5	60.4	58.0	55.2	53.4	50.2	48.1	45.3	42.9
95°	94.5	86.3	77.9	69.5	66.7	63.8	60.8	58.0	55.2	52.4	49.4
97.5°	106.9	97.0	87.1	77.2	74.7	72.2	69.6	67.2	64.7	62.3	59.7
100°	145.4	126.9	108.7	90.1	88.0	86.0	83.8	81.7	79.7	77.4	75.3
102.5°	301.2	262.1	223.0	183.8	176.5	169.0	161.6	154.1	146.7	139.2	131.9
105°	569.0	505.6	442.2	378.8	358.6	338.5	318.3	298.2	278.0	257.9	237.7
107.5°	864.5	800.0	735.8	671.4	634.4	597.1	559.9	522.5	485.4	448.0	410.8
110°	1030.6	983.6	936.7	889.5	859.8	829.7	799.7	769.7	739.9	709.6	679.7



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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°	1058.5	1025.0	991.4	957.6	944.2	930.6	917.2	903.6	889.9	876.2	862.6
115°	993.7	971.2	948.4	925.6	921.0	916.2	911.5	906.6	901.8	896.9	892.0
117.5°	889.6	876.9	864.2	851.5	852.3	853.1	854.1	854.7	855.5	856.0	856.7
120°	781.7	776.4	771.1	765.6	770.1	774.0	778.4	782.3	786.4	790.1	794.1
122.5°	693.4	691.3	689.3	687.1	692.4	697.4	702.5	707.4	712.3	716.8	721.5
125°	624.6	623.6	622.7	621.4	626.8	631.8	637.0	641.7	646.8	651.3	656.0
127.5°	578.7	578.6	578.5	578.3	582.2	585.6	589.4	592.7	596.2	599.2	602.6
130°	546.9	546.4	546.2	545.7	549.1	552.4	555.9	558.8	562.0	564.6	567.5
132.5°	527.0	526.3	525.8	525.1	527.8	530.1	532.7	534.7	536.8	538.5	540.4
135°	510.4	509.4	508.8	507.9	510.4	512.7	514.9	516.8	518.9	520.4	522.1
137.5°	496.7	495.8	495.0	494.1	496.3	498.3	500.5	502.2	503.9	505.4	506.8
140°	485.0	483.9	483.0	481.8	483.7	485.4	487.3	488.9	490.5	491.6	493.0
142.5°	473.8	472.0	470.8	469.1	470.5	471.8	473.1	474.2	475.4	476.2	477.1
145°	466.7	464.6	462.9	461.0	462.2	463.1	464.2	465.2	465.9	466.5	467.3
147.5°	460.2	458.1	456.3	454.4	455.5	456.2	456.7	457.3	458.1	458.5	458.8
150°	453.7	451.5	449.6	447.6	448.2	448.8	449.2	449.9	450.4	450.7	451.0
152.5°	446.2	444.3	442.3	440.2	440.7	441.1	441.4	441.7	442.1	442.4	442.5
155°	442.0	440.3	438.6	436.7	437.3	437.5	437.7	438.0	438.1	438.3	438.3
157.5°	441.3	439.7	438.6	437.1	437.1	437.2	437.3	437.0	436.9	436.7	436.5
160°	441.2	439.8	438.7	437.5	437.4	437.4	437.5	437.1	437.0	436.6	436.4
162.5°	441.7	440.4	439.0	437.6	437.5	437.6	437.5	437.2	437.0	436.7	436.5
165°	444.1	443.0	441.9	440.8	440.7	440.4	440.3	439.7	439.5	438.9	438.5
167.5°	446.8	445.9	444.7	443.6	443.6	443.7	443.6	443.4	443.3	442.9	442.9
170°	449.8	448.9	448.2	447.3	447.0	446.9	446.6	446.3	445.9	445.7	445.3
172.5°	452.2	451.4	450.6	449.5	449.5	449.4	449.1	449.0	448.6	448.3	448.2
175°	451.5	450.9	450.1	449.5	449.4	449.3	449.1	449.0	448.7	448.6	448.3
177.5°	453.5	453.2	452.6	452.2	452.0	452.0	451.9	451.8	451.8	451.6	451.5
180°	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9	453.9



TEST NUMBER: P1444402
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL30

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	36073.8	36073.8
2.5°	36213.4	36211.6
5°	36348.0	36345.9
7.5°	36450.4	36449.8
10°	36462.5	36468.8
12.5°	36389.8	36394.8
15°	36177.3	36187.3
17.5°	35771.2	35784.2
20°	35071.4	35084.9
22.5°	33938.2	33943.9
25°	32290.7	32267.3
27.5°	30044.7	30004.4
30°	27189.4	27150.5
32.5°	23785.2	23760.8
35°	19953.1	19937.7
37.5°	15918.6	15887.3
40°	12002.0	11910.7
42.5°	8566.7	8406.7
45°	5920.3	5730.6
47.5°	4133.0	4015.7
50°	3132.7	3094.9
52.5°	2552.6	2543.8
55°	2153.8	2149.9
57.5°	1854.0	1852.7
60°	1618.6	1618.2
62.5°	1443.1	1443.8
65°	1319.5	1319.7
67.5°	1210.6	1209.8
70°	1084.8	1083.9
72.5°	998.2	996.7
75°	931.3	930.4
77.5°	836.2	834.6
80°	720.8	719.0
82.5°	592.9	590.8
85°	442.2	442.3
87.5°	270.6	270.4
90°	125.0	122.3
92.5°	40.7	38.5
95°	46.6	43.8
97.5°	57.3	54.8
100°	73.3	71.1
102.5°	124.4	117.0
105°	217.6	197.5
107.5°	373.5	336.3
110°	649.6	619.6



TEST NUMBER: P1444402
CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL30

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	848.9	835.1
115°	886.8	881.9
117.5°	857.1	857.5
120°	797.5	801.3
122.5°	725.9	730.2
125°	660.3	664.6
127.5°	605.3	608.0
130°	569.6	572.1
132.5°	541.8	543.1
135°	523.2	524.5
137.5°	507.7	508.8
140°	493.7	494.5
142.5°	477.7	478.2
145°	467.6	468.0
147.5°	458.6	458.9
150°	451.0	451.1
152.5°	442.4	442.6
155°	438.2	438.2
157.5°	436.1	435.9
160°	436.0	435.8
162.5°	436.0	435.8
165°	437.9	437.3
167.5°	442.3	442.2
170°	444.9	444.6
172.5°	447.8	447.5
175°	448.2	448.1
177.5°	451.5	451.2
180°	453.9	453.9



TEST NUMBER: P1444402
 CATALOG NUMBER: EHBR1-42-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	17.25	18.32	17.75	18.79	19.29	15.63	16.70	16.13	17.16	17.67
	3H	18.80	19.75	19.31	20.24	20.78	18.06	19.01	18.57	19.49	20.04
	4H	19.59	20.48	20.13	20.98	21.55	19.17	20.06	19.71	20.56	21.13
	6H	20.36	21.18	20.91	21.69	22.27	20.22	21.03	20.76	21.55	22.12
	8H	20.68	21.45	21.24	21.98	22.57	20.66	21.43	21.22	21.96	22.55
	12H	20.92	21.66	21.48	22.19	22.79	21.01	21.75	21.57	22.27	22.88
4H	2H	17.63	18.52	18.16	19.02	19.58	16.34	17.23	16.88	17.73	18.29
	3H	19.50	20.24	20.05	20.78	21.36	18.96	19.70	19.51	20.25	20.83
	4H	20.50	21.16	21.07	21.72	22.34	20.22	20.88	20.78	21.44	22.06
	6H	21.46	22.03	22.05	22.61	23.25	21.40	21.97	21.99	22.55	23.19
	8H	21.85	22.38	22.44	22.96	23.60	21.90	22.43	22.49	23.01	23.66
	12H	22.16	22.63	22.77	23.24	23.88	22.31	22.78	22.93	23.40	24.04
8H	4H	20.88	21.41	21.47	21.99	22.63	20.63	21.17	21.23	21.75	22.39
	6H	22.04	22.47	22.66	23.10	23.75	21.98	22.42	22.61	23.05	23.69
	8H	22.54	22.93	23.19	23.57	24.23	22.59	22.97	23.23	23.61	24.28
	12H	22.97	23.31	23.61	23.93	24.67	23.11	23.45	23.75	24.07	24.81
12H	4H	20.93	21.40	21.54	22.01	22.65	20.69	21.16	21.30	21.77	22.42
	6H	22.15	22.54	22.79	23.17	23.84	22.10	22.49	22.74	23.12	23.79
	8H	22.74	23.08	23.37	23.70	24.43	22.77	23.11	23.41	23.73	24.46

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-1

Test Date: 07/30/2025

Luminaire Tested: EHBR-60-L840-N

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

Test Information

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

Spectral Parameters

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

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



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

REPORT NUMBER: SP1-2506-472-1

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

REPORT NUMBER: SP1-2506-472-1

CIE 1931 Chromaticity Diagram



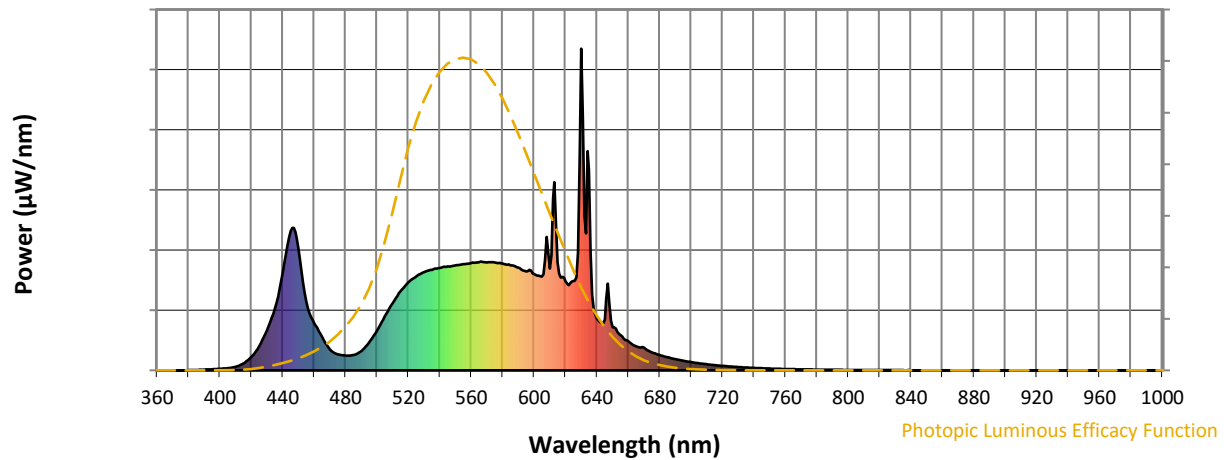
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-1

Photopic Flux vs. Wavelength



Photopic Lumens: NR

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

REPORT NUMBER: SP1-2506-472-1

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.55

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

REPORT NUMBER: SP1-2506-472-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.99

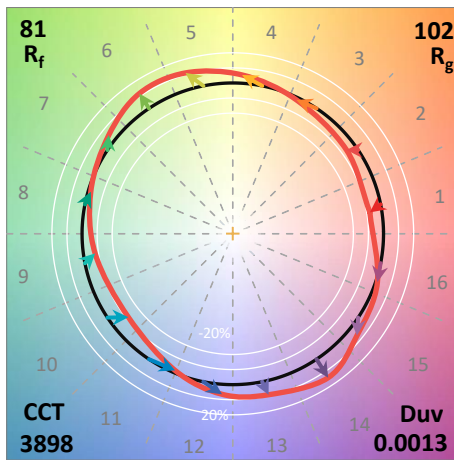
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	60	NR	620	277	NR	750	6	NR	880	0	NR
365	0	NR	495	87	NR	625	278	NR	755	5	NR	885	0	NR
370	0	NR	500	124	NR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

Summary

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



Color Vector Graphics



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

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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)