

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: P1444404

Luminaire Tested: EHBR1-42-UNV-TA-L840-UPL40

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444404
REPORT IS A COMBINATION OF REPORTS P1444359 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-UPL40
Description: Elevate Round Highbay at, 42000 lumens, 4000K 80CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

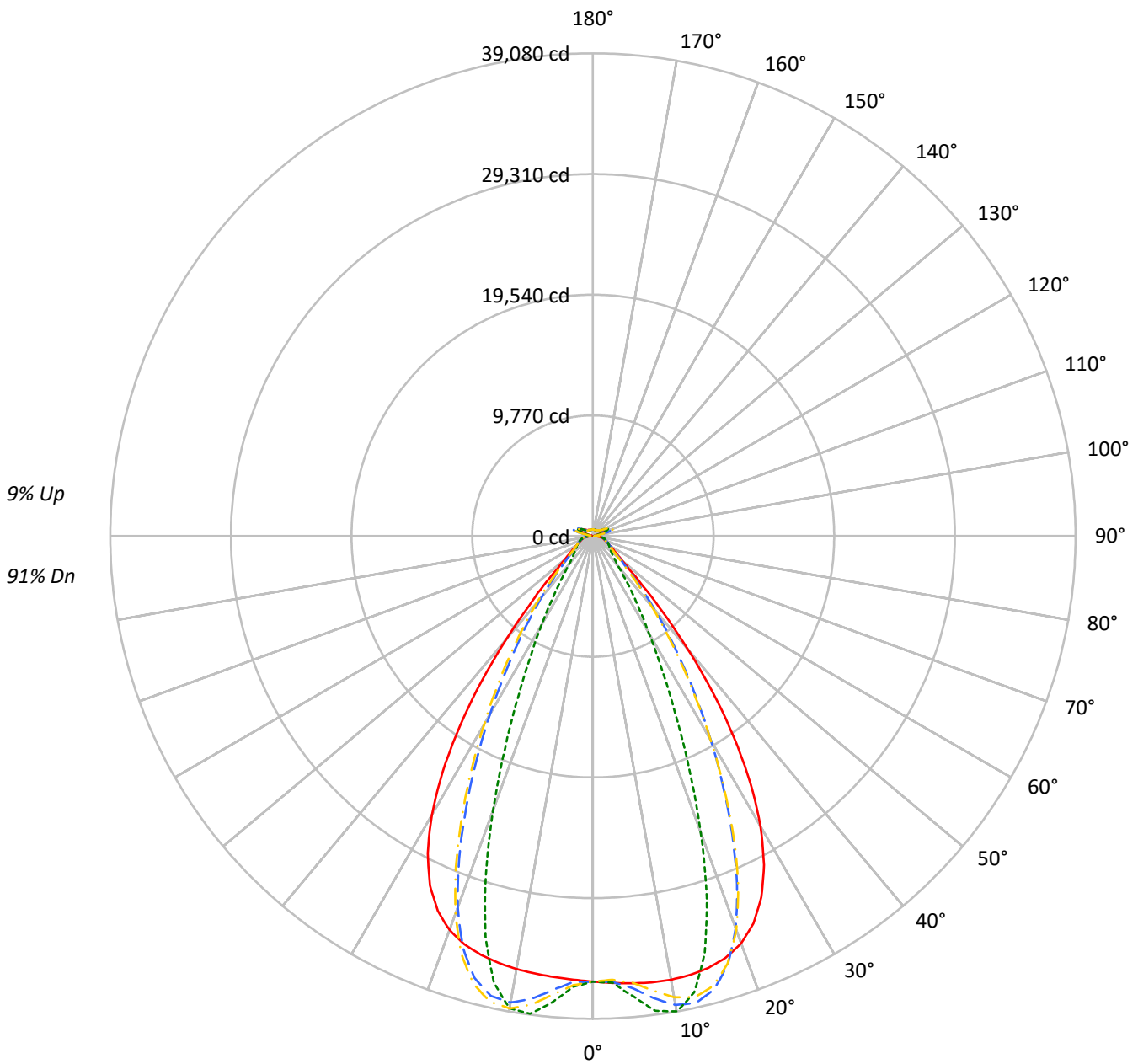
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 45678.4 lumens
Efficiency: N/A
Efficacy: 179.1 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 0.77 / 0.88
Luminous Opening: Vertical Cylinder (Dia: 1.71' x H: 0.1')
CIE Type: Direct

Input Watts (W): 255
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1444404
CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL40

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

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	7.8
10°-20°	10001.0	21.9
20°-30°	11390.4	24.9
30°-40°	8186.9	17.9
40°-50°	3775.8	8.3
50°-60°	1806.9	4.0
60°-70°	1318.4	2.9
70°-80°	1001.6	2.2
80°-90°	462.5	1.0
90°-100°	117.8	0.3
100°-110°	692.9	1.5
110°-120°	1280.4	2.8
120°-130°	779.2	1.7
130°-140°	495.5	1.1
140°-150°	363.2	0.8
150°-160°	250.4	0.5
160°-170°	149.6	0.3
170°-180°	50.9	0.1
0°-30°	24946.5	54.6
0°-40°	33133.4	72.5
0°-60°	38716.0	84.8
0°-90°	41498.5	90.8
90°-120°	2091.1	4.6
90°-150°	3729.1	8.2
90°-180°	4180.0	9.2
0°-180°	45678.4	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°	128	160	43	51	128	79
95°	54	60	54	60	54	52
105°	248	321	166	322	248	329
115°	1115	1356	1168	1356	1115	1029
125°	833	879	944	881	833	759
135°	647	579	698	583	647	505
145°	569	556	606	562	569	359
155°	526	530	562	535	526	245
165°	520	521	540	524	520	148
175°	530	535	540	536	530	51
180°	537	537	537	537	537	



TEST NUMBER: P1444404
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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°	128.3	135.5	138.5	146.8	149.6	157.1	159.5	167.8	170.8	179.3	183.9
92.5°	47.3	50.4	53.4	57.0	60.1	64.1	67.6	71.1	74.4	78.2	84.6
95°	54.0	57.6	61.2	64.9	68.5	72.0	75.7	79.3	82.9	86.6	97.1
97.5°	67.8	70.9	74.1	77.2	80.3	83.5	86.7	89.8	92.9	96.0	108.6
100°	88.3	90.9	93.6	96.3	98.9	101.6	104.2	106.9	109.6	112.2	135.5
102.5°	146.4	155.8	165.3	174.7	184.0	193.3	202.9	212.1	221.6	231.0	280.5
105°	248.1	273.6	299.4	324.8	350.4	376.1	401.7	426.9	452.5	478.1	558.8
107.5°	424.2	471.4	518.7	566.1	613.5	660.7	708.0	755.2	802.5	849.5	931.4
110°	783.7	821.6	859.8	897.8	935.8	974.0	1012.0	1049.9	1088.0	1125.8	1185.7



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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°	1056.8	1073.9	1091.2	1108.4	1125.6	1142.7	1159.9	1177.0	1194.4	1211.3	1254.0
115°	1115.1	1121.1	1127.4	1133.2	1139.3	1145.2	1151.3	1157.1	1163.2	1168.9	1197.9
117.5°	1083.0	1081.8	1080.9	1079.8	1078.6	1077.5	1076.4	1075.0	1073.8	1072.6	1088.8
120°	1010.0	1004.7	999.5	994.1	988.8	983.4	978.1	972.6	967.1	961.5	968.5
122.5°	918.0	911.6	905.6	898.9	892.7	886.0	879.7	872.8	866.5	859.9	862.5
125°	832.8	826.5	820.3	813.8	807.1	800.5	793.9	787.2	780.6	773.8	775.2
127.5°	759.0	754.6	750.2	745.4	740.8	735.9	731.1	726.2	721.4	716.3	716.7
130°	711.5	707.6	703.6	699.2	695.1	690.6	686.2	681.6	677.2	672.5	673.2
132.5°	672.8	670.1	667.3	664.1	661.0	657.5	654.4	650.7	647.6	644.1	644.9
135°	647.2	644.4	642.0	639.0	636.2	632.9	629.8	626.5	623.4	619.9	621.0
137.5°	625.5	623.1	620.6	618.0	615.4	612.2	609.3	606.3	603.4	600.2	601.2
140°	605.6	603.5	601.2	598.7	596.4	593.7	590.9	588.1	585.3	582.4	583.8
142.5°	583.2	581.4	579.9	577.8	575.9	573.6	571.5	569.0	566.9	564.4	566.3
145°	568.8	567.4	565.9	564.2	562.5	560.4	558.7	556.4	554.5	552.5	554.4
147.5°	556.1	554.8	553.8	552.5	551.2	549.4	547.8	546.1	544.5	542.7	544.8
150°	545.0	544.0	542.8	541.7	540.2	538.7	537.1	535.6	534.1	532.3	534.4
152.5°	533.3	532.0	531.1	529.9	528.6	526.9	525.7	524.2	522.7	521.1	522.8
155°	526.5	525.3	524.1	523.1	521.8	520.3	518.8	517.5	516.2	514.6	516.0
157.5°	522.4	521.4	520.4	519.3	518.5	517.4	516.3	515.1	514.0	513.0	513.9
160°	520.7	519.8	518.8	517.8	516.9	515.6	514.8	513.6	512.8	511.7	512.4
162.5°	519.4	518.4	517.5	516.5	515.5	514.4	513.4	512.6	511.6	510.5	511.5
165°	520.0	519.5	518.8	518.2	517.5	516.9	516.2	515.4	514.7	513.9	514.6
167.5°	525.0	524.2	523.5	522.6	521.7	520.8	519.9	519.0	518.3	517.3	518.0
170°	526.8	526.2	525.8	525.4	524.8	524.3	523.9	523.4	522.8	522.3	522.9
172.5°	529.7	529.2	528.9	528.7	528.1	527.9	527.5	527.1	526.8	526.3	527.2
175°	529.9	529.5	529.4	529.1	528.8	528.6	528.4	528.2	528.2	527.8	528.2
177.5°	533.5	533.4	533.4	533.3	533.3	533.1	533.0	532.7	532.6	532.6	533.0
180°	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	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°	193.7	199.1	208.7	211.0	218.0	219.7	184.5	182.6	177.3	177.1	170.5
92.5°	91.3	97.7	104.3	110.8	117.4	124.0	126.3	131.5	125.1	118.1	111.9
95°	107.8	118.4	129.0	139.6	150.2	160.8	171.5	182.1	172.2	162.1	152.3
97.5°	121.1	133.7	146.0	158.6	171.1	183.7	196.3	208.9	198.3	187.4	176.8
100°	159.0	182.4	205.7	229.2	252.5	275.9	299.4	322.8	302.2	281.5	260.9
102.5°	330.0	379.9	429.5	479.2	528.7	578.6	628.5	678.2	630.9	583.6	536.4
105°	639.2	719.8	800.4	880.7	961.2	1041.8	1122.7	1203.2	1127.8	1052.3	976.7
107.5°	1013.0	1094.8	1176.3	1257.9	1339.6	1421.4	1503.6	1585.3	1511.7	1437.8	1364.2
110°	1245.3	1304.7	1364.4	1424.0	1483.5	1543.1	1603.5	1663.2	1618.9	1574.5	1530.4



TEST NUMBER: P1444404
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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°	1296.5	1339.2	1381.8	1424.3	1466.8	1509.5	1553.3	1596.0	1573.7	1551.3	1529.3
115°	1226.3	1255.4	1284.0	1312.6	1341.4	1369.9	1400.0	1429.1	1421.9	1414.8	1407.7
117.5°	1104.8	1120.9	1136.9	1153.0	1168.8	1184.9	1202.8	1219.1	1220.2	1221.5	1222.8
120°	975.2	982.1	988.7	995.6	1002.0	1008.9	1017.8	1024.9	1031.0	1036.7	1042.7
122.5°	865.0	867.6	870.1	872.7	875.1	877.5	882.7	885.8	889.7	894.0	898.1
125°	776.3	777.6	778.8	780.2	781.1	782.3	786.6	788.2	788.5	788.6	788.9
127.5°	716.9	717.1	717.3	717.6	717.4	717.7	721.0	721.8	719.4	716.8	714.2
130°	673.8	674.3	674.8	675.5	676.1	676.7	680.7	682.2	677.6	673.0	668.5
132.5°	645.6	646.4	647.0	648.1	648.8	649.5	653.9	655.5	650.5	645.2	639.9
135°	621.8	623.1	624.0	625.0	625.9	627.2	632.0	634.1	629.2	624.1	619.1
137.5°	602.0	603.2	604.1	605.3	606.2	607.4	612.9	615.0	611.1	606.8	603.1
140°	585.0	586.2	587.5	589.0	590.2	591.8	597.7	600.2	597.1	593.9	590.6
142.5°	567.8	569.7	571.6	573.6	575.4	577.6	584.4	587.4	585.2	582.7	580.5
145°	556.4	558.7	560.8	563.2	565.4	567.9	575.5	579.1	577.7	576.0	574.5
147.5°	546.3	548.4	550.3	552.4	554.5	557.1	564.9	568.4	567.7	566.6	565.6
150°	536.1	538.2	540.2	542.3	544.8	547.2	556.0	559.9	559.1	558.3	557.4
152.5°	524.6	526.4	528.2	530.3	532.2	534.5	545.0	548.9	548.3	547.4	546.8
155°	517.4	518.8	520.1	521.8	523.3	525.2	536.1	539.9	539.5	539.1	538.6
157.5°	514.9	515.7	516.6	517.7	518.9	520.0	531.3	535.2	534.7	534.3	533.9
160°	513.1	513.9	514.5	515.4	516.2	517.0	528.7	532.1	531.8	531.3	530.9
162.5°	512.4	513.6	514.5	515.6	516.6	517.8	529.5	533.6	532.9	532.1	531.5
165°	515.2	515.7	516.2	516.9	517.5	518.3	529.1	532.3	532.0	531.5	531.1
167.5°	518.5	519.3	519.9	520.7	521.4	522.4	532.4	535.6	535.3	534.8	534.5
170°	523.3	524.0	524.4	525.1	525.8	526.6	535.0	537.6	537.3	536.5	536.0
172.5°	527.7	528.5	529.2	529.9	530.5	531.4	538.6	541.1	540.7	540.2	539.6
175°	528.8	529.2	529.8	530.6	531.1	531.7	537.4	539.2	539.0	538.8	538.5
177.5°	533.5	533.7	534.2	534.7	535.2	535.6	539.1	540.2	540.1	540.1	540.0
180°	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7



TEST NUMBER: P1444404
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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°	168.7	162.1	162.8	159.2	161.8	158.5	161.1	157.4	160.9	159.9	165.0
92.5°	104.5	98.1	90.9	84.5	77.4	71.2	67.5	64.8	61.2	58.7	54.9
95°	142.4	132.4	122.5	112.6	102.7	92.8	89.2	85.6	81.9	78.3	74.8
97.5°	166.2	155.5	144.9	134.1	123.4	112.8	110.4	108.0	105.5	103.1	100.7
100°	240.2	219.7	199.2	178.5	158.0	137.4	135.5	133.6	131.7	129.8	127.7
102.5°	489.3	442.0	394.9	347.7	300.6	253.4	245.2	236.9	228.7	220.5	212.3
105°	901.1	825.6	750.1	674.6	599.2	523.7	501.2	478.6	456.1	433.6	411.2
107.5°	1290.5	1216.9	1143.3	1069.6	996.1	922.5	886.8	851.3	815.6	780.1	744.6
110°	1485.9	1441.6	1397.5	1353.2	1309.1	1264.9	1230.9	1197.1	1163.0	1129.1	1095.2



TEST NUMBER: P1444404
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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°	1507.1	1484.9	1462.6	1440.7	1418.7	1396.5	1379.9	1363.3	1346.8	1330.3	1313.5
115°	1400.5	1393.4	1386.4	1379.4	1372.5	1365.5	1364.2	1363.2	1361.7	1360.7	1359.5
117.5°	1223.9	1225.2	1226.3	1227.8	1229.2	1230.6	1239.4	1247.9	1256.9	1265.9	1274.9
120°	1048.6	1054.6	1060.5	1066.5	1072.5	1078.6	1090.2	1102.1	1113.9	1126.0	1138.3
122.5°	902.0	906.3	910.2	914.5	918.7	922.9	934.4	946.2	957.8	969.7	982.0
125°	788.8	788.9	789.1	789.1	789.2	789.6	799.1	808.7	818.4	828.4	838.2
127.5°	711.5	708.7	706.1	703.6	700.8	698.4	703.9	709.5	715.2	721.0	726.9
130°	663.8	659.2	654.3	649.9	645.1	640.6	642.6	644.9	647.0	649.3	651.8
132.5°	634.5	629.2	623.8	618.3	612.9	607.6	607.4	607.2	607.0	607.1	607.3
135°	613.9	609.0	603.7	598.5	593.3	588.3	586.9	585.4	584.2	582.9	581.8
137.5°	598.9	594.8	590.7	586.7	582.4	578.4	576.2	574.5	572.5	571.2	569.3
140°	587.2	584.1	580.7	577.3	574.0	570.9	569.1	567.7	566.0	564.7	563.2
142.5°	577.9	575.4	572.9	570.6	568.0	565.6	563.9	562.5	561.0	559.7	558.3
145°	572.9	571.3	569.7	568.0	566.4	564.8	563.4	562.3	561.2	560.1	559.2
147.5°	564.6	563.5	562.6	561.6	560.3	559.3	558.4	557.9	556.8	556.3	555.5
150°	556.4	555.5	554.4	553.6	552.4	551.6	551.0	550.6	550.0	549.8	549.3
152.5°	545.7	544.9	544.0	543.1	542.0	541.2	540.7	540.5	540.0	539.8	539.2
155°	538.0	537.4	536.8	536.2	535.4	535.0	534.4	533.7	533.2	532.7	531.9
157.5°	533.4	532.8	532.1	531.7	530.9	530.4	529.8	529.3	528.6	528.2	527.6
160°	530.4	530.0	529.3	528.8	528.3	527.7	526.9	526.2	525.3	524.7	523.7
162.5°	530.6	529.9	529.2	528.5	527.5	526.9	526.3	525.7	525.2	524.7	524.0
165°	530.6	530.0	529.5	529.0	528.6	528.1	527.2	526.5	525.6	525.0	524.1
167.5°	534.0	533.6	533.1	532.7	531.9	531.4	530.8	530.0	529.2	528.4	527.5
170°	535.5	534.7	534.2	533.5	532.8	532.0	531.4	530.6	529.8	529.3	528.4
172.5°	539.1	538.7	538.1	537.6	536.8	536.3	535.9	535.2	534.6	533.9	533.4
175°	538.4	538.2	538.1	537.7	537.6	537.3	537.0	536.9	536.6	536.5	536.1
177.5°	540.0	539.8	539.8	539.6	539.4	539.4	539.1	538.8	538.5	538.1	537.8
180°	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7



TEST NUMBER: P1444404
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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°	162.5	165.6	160.5	160.3	157.7	160.1	154.5	153.9	145.0	142.9	135.2
92.5°	52.1	48.5	45.5	42.3	46.1	48.6	52.4	54.9	58.5	61.2	64.8
95°	71.1	67.5	63.9	60.2	63.2	66.0	68.9	71.8	74.7	77.6	80.5
97.5°	98.3	95.9	93.4	91.0	92.7	94.4	96.1	97.8	99.5	101.2	103.0
100°	125.8	123.9	122.0	120.1	120.1	120.1	120.1	120.1	120.1	120.1	120.1
102.5°	204.0	195.8	187.6	179.4	184.9	190.5	196.0	201.6	207.2	212.8	218.4
105°	388.7	366.2	343.8	321.3	343.0	364.8	386.4	408.2	429.9	451.9	473.6
107.5°	708.9	673.4	637.9	602.4	642.2	681.8	721.4	761.1	800.6	840.3	880.2
110°	1061.4	1027.6	993.8	960.0	1002.0	1044.0	1086.1	1128.1	1170.2	1212.2	1254.6



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	1297.1	1280.7	1264.3	1247.8	1274.9	1301.9	1329.0	1356.3	1383.4	1410.6	1437.6
115°	1358.5	1357.5	1356.6	1355.6	1368.4	1381.2	1394.0	1406.9	1419.9	1432.7	1445.7
117.5°	1283.9	1292.8	1302.0	1311.2	1315.3	1319.5	1323.7	1327.8	1332.2	1336.4	1340.8
120°	1150.4	1162.3	1174.6	1186.9	1185.2	1183.5	1182.0	1180.3	1179.0	1177.4	1176.3
122.5°	994.0	1006.0	1018.3	1030.5	1026.9	1023.2	1019.7	1016.3	1013.0	1009.6	1006.4
125°	848.4	858.4	868.6	878.9	875.3	871.7	868.1	864.9	861.6	858.2	855.2
127.5°	733.1	739.5	745.6	751.9	750.2	748.5	747.3	745.8	744.3	743.2	742.2
130°	654.3	657.1	660.1	662.8	663.3	663.8	664.6	665.4	666.4	667.4	668.6
132.5°	607.8	608.2	608.8	609.4	611.4	613.3	615.7	617.9	620.4	622.8	625.9
135°	581.0	580.2	579.6	579.1	582.0	584.8	587.8	591.1	594.6	598.2	601.9
137.5°	568.1	566.7	565.6	564.4	567.4	570.2	573.4	576.5	580.0	583.5	587.4
140°	562.1	561.0	560.3	559.2	562.1	564.9	568.1	571.2	574.7	578.3	581.9
142.5°	557.3	556.1	555.3	554.4	556.9	559.6	562.6	565.3	568.6	571.6	575.0
145°	558.3	557.4	556.9	556.3	558.0	559.9	562.1	564.2	566.6	568.8	571.6
147.5°	554.9	554.3	554.1	553.7	555.2	556.5	558.1	559.5	561.4	563.0	565.0
150°	549.2	548.8	548.7	548.6	549.5	550.3	551.4	552.2	553.4	554.5	556.1
152.5°	539.2	538.8	538.9	538.7	539.5	540.2	541.2	542.0	543.1	544.1	545.5
155°	531.6	531.2	530.8	530.4	530.7	530.9	531.3	531.5	532.2	532.6	533.2
157.5°	527.3	526.8	526.5	526.0	525.9	525.8	525.9	525.9	526.1	526.0	526.2
160°	523.3	522.4	521.7	521.0	521.4	521.2	521.6	521.6	521.9	522.2	522.4
162.5°	523.6	523.1	522.7	522.2	521.9	521.4	521.0	520.5	520.2	519.9	519.8
165°	523.3	522.6	521.9	521.0	520.9	520.8	520.6	520.4	520.4	520.2	520.3
167.5°	527.0	526.1	525.4	524.7	524.2	523.4	523.1	522.5	521.9	521.4	521.1
170°	527.8	527.1	526.5	525.9	525.7	525.3	525.2	524.8	524.6	524.5	524.5
172.5°	532.8	532.1	531.6	531.1	530.9	530.6	530.5	530.3	530.1	530.1	529.9
175°	536.0	535.7	535.6	535.3	535.0	534.7	534.4	534.2	533.9	533.5	533.3
177.5°	537.4	537.0	536.7	536.5	536.4	536.4	536.4	536.4	536.4	536.3	536.1
180°	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7



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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°	134.9	128.3	129.5	125.6	128.0	125.0	128.8	127.5	132.0	130.7	135.4
92.5°	67.5	70.6	76.4	82.5	88.1	93.8	99.6	105.7	111.3	117.3	122.9
95°	83.3	86.3	94.0	101.7	109.5	117.2	125.1	132.9	140.7	148.3	156.1
97.5°	104.7	106.4	114.2	121.9	129.7	137.4	145.1	153.1	160.8	168.5	176.3
100°	120.1	120.2	142.2	164.2	186.1	208.3	230.3	252.2	274.3	296.3	318.3
102.5°	224.0	229.5	285.1	340.7	396.3	451.9	507.6	563.3	618.9	674.6	730.4
105°	495.4	517.3	602.1	687.0	771.8	856.7	941.7	1026.8	1111.7	1196.7	1281.5
107.5°	919.7	959.6	1036.2	1112.9	1189.5	1266.4	1343.2	1419.9	1496.5	1573.4	1650.4
110°	1296.6	1338.7	1390.1	1441.6	1493.1	1544.4	1595.9	1647.3	1699.0	1750.4	1802.2



TEST NUMBER: P1444404
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL40

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	1464.8	1492.1	1522.0	1552.0	1582.1	1612.2	1642.2	1672.3	1702.6	1732.8	1762.9
115°	1458.8	1471.9	1483.4	1495.2	1506.9	1518.7	1530.6	1542.6	1554.6	1566.5	1578.5
117.5°	1345.0	1349.7	1351.4	1353.5	1355.3	1357.5	1359.5	1361.7	1364.0	1366.3	1368.2
120°	1174.9	1173.6	1171.7	1169.9	1168.0	1166.4	1164.8	1163.2	1161.7	1160.2	1158.6
122.5°	1003.1	1000.2	998.3	996.7	995.1	993.6	992.3	990.9	989.5	988.1	986.7
125°	852.1	849.3	851.1	852.9	854.9	856.9	858.9	861.2	863.2	865.3	867.5
127.5°	741.1	740.3	744.8	749.6	754.2	759.1	763.8	768.9	773.5	778.6	783.3
130°	669.9	671.3	677.0	683.3	689.1	695.3	701.5	707.7	713.7	719.8	725.9
132.5°	628.4	631.5	637.1	643.0	648.8	654.7	660.6	666.6	672.5	678.6	684.2
135°	605.7	609.7	615.0	620.3	625.7	631.2	636.5	642.1	647.3	652.8	658.1
137.5°	591.1	595.0	599.3	603.7	607.9	612.5	616.9	621.3	625.6	630.0	634.3
140°	585.6	589.7	592.0	594.8	597.3	600.0	602.4	605.1	607.5	610.3	612.7
142.5°	578.5	582.2	583.5	585.3	587.0	589.1	590.8	592.5	594.1	595.7	597.2
145°	574.0	576.8	577.0	577.5	577.9	578.3	578.5	578.9	579.1	579.4	579.5
147.5°	567.1	569.2	568.9	568.9	568.8	568.6	568.6	568.6	568.2	568.1	568.0
150°	557.2	558.8	558.0	557.8	557.1	556.7	556.0	555.6	554.8	554.4	553.7
152.5°	546.6	547.8	546.8	546.5	545.6	545.0	544.1	543.5	542.6	542.0	541.4
155°	533.5	534.2	533.7	533.3	532.9	532.4	531.9	531.8	531.6	531.2	531.0
157.5°	526.4	526.5	526.3	526.0	525.6	525.5	525.3	525.1	525.0	525.1	525.2
160°	522.5	522.9	522.6	522.3	522.1	521.8	521.6	521.5	521.5	521.7	521.8
162.5°	519.4	519.3	518.9	518.6	518.4	518.4	518.2	518.4	518.3	518.4	518.6
165°	520.5	520.7	519.9	519.7	519.3	518.9	518.5	518.3	518.3	518.2	518.1
167.5°	520.7	520.5	520.5	520.6	520.6	520.8	520.9	521.5	521.7	522.2	522.3
170°	524.4	524.5	524.2	524.0	523.8	523.7	523.6	523.5	523.6	523.5	523.5
172.5°	529.9	529.9	529.4	528.9	528.5	528.2	527.7	527.4	527.0	526.7	526.2
175°	532.9	532.7	532.4	532.1	531.9	531.5	531.3	530.7	530.5	530.2	530.0
177.5°	536.0	535.7	535.6	535.6	535.5	535.3	535.3	535.2	535.2	535.2	534.9
180°	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7



TEST NUMBER: P1444404
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL40

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°	125.9	122.5	113.3	110.1	101.0	95.6	85.5	81.0	71.5	69.3	63.6
92.5°	116.3	109.9	103.6	96.8	90.6	84.0	77.5	71.0	64.5	62.0	60.1
95°	146.7	137.3	127.9	118.5	109.1	99.6	90.3	80.8	71.4	69.5	67.6
97.5°	165.4	154.3	143.2	132.2	121.0	109.9	98.9	87.8	76.7	75.5	74.3
100°	292.9	267.4	241.9	216.2	190.7	165.1	139.7	114.1	88.6	87.2	85.7
102.5°	668.4	606.3	544.4	482.5	420.6	358.5	296.6	234.5	172.5	163.6	154.7
105°	1187.8	1093.9	1000.3	906.4	812.6	718.7	625.1	531.0	437.2	407.1	377.0
107.5°	1562.3	1474.0	1386.0	1297.9	1209.6	1121.6	1033.2	945.0	856.7	803.7	750.7
110°	1732.2	1662.2	1592.4	1522.3	1452.5	1382.4	1312.4	1242.4	1172.4	1126.5	1081.0



TEST NUMBER: P1444404
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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°	1711.8	1660.4	1609.5	1558.1	1506.8	1455.5	1404.3	1352.9	1301.4	1273.8	1246.0
115°	1547.8	1516.8	1486.2	1455.3	1424.3	1393.5	1362.7	1331.5	1300.5	1286.0	1271.3
117.5°	1352.7	1336.9	1321.4	1305.6	1289.8	1273.9	1258.2	1242.3	1226.4	1221.4	1216.2
120°	1154.2	1149.5	1144.6	1139.9	1135.1	1130.4	1125.5	1120.6	1115.6	1116.3	1117.0
122.5°	988.7	990.5	992.7	994.3	996.3	997.9	1000.0	1001.4	1003.2	1007.2	1011.1
125°	872.3	876.8	881.6	886.1	890.5	895.2	899.8	904.2	908.8	912.6	916.9
127.5°	788.8	793.8	799.1	804.2	809.4	814.5	819.7	824.6	829.7	833.3	837.3
130°	730.6	735.0	739.7	743.9	748.6	753.0	757.5	761.9	766.3	769.3	772.2
132.5°	688.3	692.5	696.5	700.3	704.6	708.5	712.5	716.5	720.7	722.8	725.1
135°	661.3	664.1	667.3	670.1	673.5	676.3	679.5	682.6	685.8	687.2	688.8
137.5°	636.7	639.2	641.8	644.2	646.9	649.3	652.0	654.6	657.5	658.1	659.2
140°	615.3	618.0	620.5	623.2	626.0	628.6	631.5	634.4	637.4	638.1	639.1
142.5°	599.4	601.3	603.4	605.4	607.6	609.6	612.1	614.5	616.9	617.7	618.5
145°	582.0	584.3	586.8	589.2	591.6	594.3	597.2	599.9	602.8	603.3	603.9
147.5°	569.9	571.9	574.1	576.2	578.6	580.6	583.2	585.7	588.2	588.8	589.3
150°	556.1	558.2	560.3	562.6	565.1	567.7	570.2	572.8	575.8	576.7	577.6
152.5°	543.8	546.1	548.5	551.1	553.7	556.5	559.4	562.2	565.2	565.9	566.9
155°	533.5	535.7	538.2	540.8	543.6	546.1	548.9	551.6	554.5	555.6	556.5
157.5°	527.4	529.4	531.7	534.1	536.5	538.8	541.4	543.8	546.5	547.3	548.0
160°	523.7	525.6	527.7	529.7	531.9	534.0	536.2	538.4	540.6	541.4	542.2
162.5°	520.6	522.7	524.8	526.5	528.8	530.9	533.2	535.2	537.4	538.1	538.9
165°	519.6	521.1	522.8	524.1	525.8	527.1	528.9	530.3	532.1	532.8	533.9
167.5°	523.7	524.6	525.7	526.8	528.3	529.4	530.8	531.9	533.3	534.1	534.9
170°	524.5	525.5	526.5	527.6	528.8	529.9	531.0	531.9	533.4	534.0	534.8
172.5°	526.9	527.4	528.2	528.8	529.6	530.2	531.0	531.8	532.7	533.6	534.3
175°	530.5	530.8	531.1	531.4	531.7	532.2	532.7	533.3	533.6	534.3	534.9
177.5°	535.1	535.4	535.6	535.8	536.4	536.6	536.9	537.2	537.6	538.3	539.1
180°	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7



TEST NUMBER: P1444404
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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°	62.0	56.6	55.1	50.1	48.4	44.7	43.1	43.9	45.3	46.1	47.7
92.5°	57.9	55.8	53.6	51.5	49.2	47.1	44.9	47.1	49.2	51.5	53.6
95°	65.7	63.8	61.8	59.8	57.9	56.0	54.1	56.0	57.9	60.0	62.0
97.5°	73.1	71.8	70.6	69.4	68.2	67.0	65.8	67.2	68.4	69.6	70.8
100°	84.3	82.8	81.3	79.9	78.5	77.0	75.6	77.2	78.7	80.1	81.5
102.5°	145.8	136.9	127.9	119.1	110.1	101.2	92.2	101.2	110.1	119.3	128.1
105°	346.7	316.7	286.6	256.4	226.1	195.9	165.8	196.0	226.2	256.5	286.8
107.5°	697.6	644.7	591.5	538.4	485.2	432.2	379.0	432.4	485.5	538.6	591.8
110°	1035.1	989.4	943.7	897.9	852.0	806.3	760.4	806.4	852.3	898.2	944.1



TEST NUMBER: P1444404
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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°	1218.2	1190.4	1162.5	1134.7	1106.8	1078.9	1050.9	1079.2	1107.3	1135.3	1163.3
115°	1256.8	1242.0	1227.4	1212.7	1197.9	1183.2	1168.2	1183.6	1198.6	1213.5	1228.6
117.5°	1211.1	1206.1	1200.8	1195.7	1190.4	1185.3	1179.8	1185.5	1191.0	1196.9	1202.1
120°	1117.4	1118.2	1118.7	1119.1	1119.6	1120.0	1120.3	1120.5	1120.5	1120.5	1120.4
122.5°	1014.9	1018.8	1022.6	1026.4	1030.0	1033.7	1037.1	1034.2	1031.1	1028.1	1024.7
125°	920.6	924.8	928.8	932.6	936.4	940.3	943.5	940.9	937.8	934.6	931.3
127.5°	840.8	844.3	847.9	851.6	854.7	858.2	861.2	859.0	856.2	853.6	850.7
130°	774.7	777.8	780.4	783.1	785.4	787.8	789.9	788.5	786.8	785.5	783.4
132.5°	727.2	729.4	731.5	733.4	735.2	737.0	738.3	737.8	736.9	736.0	734.7
135°	690.4	691.9	693.2	694.8	695.8	696.9	697.5	697.8	697.5	697.3	696.6
137.5°	659.9	660.8	661.5	662.1	662.5	662.8	662.8	663.7	664.2	665.0	665.1
140°	639.9	640.8	641.5	642.1	642.7	643.2	643.0	644.1	644.7	645.1	645.2
142.5°	619.5	620.3	621.0	621.7	622.1	622.6	622.6	623.5	624.0	624.4	624.6
145°	604.6	605.0	605.4	605.9	606.0	606.1	605.8	607.0	607.7	608.4	609.0
147.5°	589.8	590.4	590.6	590.9	591.0	591.1	591.0	591.9	592.8	593.5	594.0
150°	578.6	579.4	580.0	580.8	581.4	581.7	581.8	582.5	583.0	583.3	583.4
152.5°	567.6	568.3	569.0	569.5	570.1	570.4	570.6	571.2	571.9	572.3	572.5
155°	557.3	558.3	559.1	559.9	560.4	561.0	561.6	562.1	562.5	562.8	563.0
157.5°	548.8	549.8	550.4	551.2	551.8	552.6	553.1	553.7	554.1	554.7	554.9
160°	542.8	543.9	544.4	545.2	545.9	546.5	547.1	547.7	548.2	548.6	549.2
162.5°	539.5	540.3	540.7	541.5	542.2	542.9	543.4	544.2	544.7	545.2	545.6
165°	534.7	535.7	536.4	537.4	538.3	539.2	539.8	540.3	540.4	540.7	540.8
167.5°	535.6	536.6	537.2	538.1	538.7	539.7	540.4	540.8	540.9	541.1	541.1
170°	535.4	536.3	537.0	537.7	538.4	539.2	539.7	539.9	540.0	540.2	540.3
172.5°	535.0	536.0	536.8	537.8	538.5	539.4	540.2	540.2	539.9	539.8	539.4
175°	535.4	536.3	536.9	537.7	538.2	539.0	539.8	539.4	539.3	539.0	538.8
177.5°	540.0	541.0	541.8	542.5	543.5	544.3	545.1	544.4	543.8	543.1	542.4
180°	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7



TEST NUMBER: P1444404
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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°	48.9	50.3	51.5	53.0	55.0	58.9	63.2	67.2	71.8	75.9	80.2
92.5°	55.8	58.0	60.2	62.4	64.6	71.1	77.6	84.2	90.9	97.2	103.7
95°	64.0	65.9	67.8	69.9	71.8	81.2	90.7	100.1	109.6	119.0	128.4
97.5°	72.2	73.5	74.7	75.9	77.3	88.4	99.5	110.6	121.7	132.9	143.8
100°	83.2	84.7	86.1	87.7	89.1	114.7	140.4	165.9	191.5	217.0	242.7
102.5°	137.2	146.1	155.1	164.3	173.2	235.3	297.5	359.5	421.3	483.4	545.4
105°	316.9	347.1	377.7	407.8	438.0	531.9	626.0	719.9	813.7	907.5	1001.5
107.5°	645.1	698.2	751.4	804.6	857.8	946.1	1034.4	1122.8	1211.2	1299.4	1387.5
110°	990.2	1035.8	1082.1	1128.0	1173.9	1243.9	1314.1	1384.1	1454.4	1524.3	1594.4



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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°	1191.4	1219.4	1247.3	1275.1	1303.1	1354.6	1406.3	1457.7	1509.3	1560.4	1611.9
115°	1243.5	1258.1	1273.1	1287.8	1302.7	1333.9	1365.0	1396.1	1427.1	1458.1	1489.2
117.5°	1207.7	1213.1	1218.6	1223.5	1229.0	1245.0	1261.0	1277.0	1293.0	1309.1	1325.0
120°	1120.3	1119.9	1119.6	1119.1	1118.8	1123.7	1129.0	1133.8	1139.0	1143.9	1148.7
122.5°	1021.3	1017.7	1014.2	1010.6	1007.1	1005.3	1003.9	1002.0	1000.7	998.9	997.3
125°	927.8	924.1	920.6	916.8	913.0	908.7	904.4	899.9	895.5	891.1	886.7
127.5°	847.9	844.5	841.5	838.0	834.6	829.6	824.8	819.7	814.9	809.8	804.9
130°	781.5	779.0	777.0	774.2	772.0	767.3	763.3	758.9	754.6	750.2	746.0
132.5°	733.4	731.8	730.3	728.3	726.7	722.6	719.0	715.0	711.1	707.2	703.5
135°	696.2	695.2	694.5	693.2	692.2	689.1	686.4	683.4	680.6	677.5	674.7
137.5°	665.2	664.9	664.8	664.5	664.2	661.7	659.4	657.0	654.6	652.1	649.8
140°	645.4	645.3	645.1	644.8	644.4	641.8	639.3	636.8	634.3	631.6	629.1
142.5°	624.7	624.7	624.6	624.3	624.1	621.9	620.2	618.2	616.2	614.3	612.4
145°	609.4	609.6	609.9	609.8	610.1	607.6	605.5	603.0	600.9	598.4	596.2
147.5°	594.7	594.9	595.3	595.5	595.9	593.8	592.1	590.0	588.2	586.1	584.4
150°	583.7	583.7	583.8	583.7	583.6	581.5	579.7	577.7	575.8	573.5	571.7
152.5°	572.8	573.0	573.2	573.4	573.6	571.6	569.5	567.4	565.2	563.0	560.9
155°	563.3	563.4	563.6	563.6	563.6	561.7	559.8	557.7	555.8	553.6	551.7
157.5°	555.3	555.6	555.8	556.0	556.1	554.3	552.6	551.0	549.3	547.5	545.8
160°	549.4	549.8	550.1	550.2	550.5	549.1	547.9	546.2	545.1	543.2	541.7
162.5°	546.0	546.4	546.7	546.8	547.1	545.7	544.4	542.9	541.5	539.8	538.4
165°	541.1	541.0	541.2	541.0	541.1	540.1	539.3	538.3	537.4	536.3	535.4
167.5°	541.3	541.2	541.4	541.2	541.3	540.6	540.3	539.4	538.7	537.9	537.2
170°	540.4	540.3	540.4	540.2	540.3	539.6	539.0	538.3	537.9	536.8	536.1
172.5°	539.3	539.0	538.8	538.6	538.2	537.7	537.4	537.0	536.6	536.1	535.6
175°	538.4	538.1	537.9	537.6	537.2	537.1	536.8	536.8	536.5	536.3	536.0
177.5°	541.9	541.4	540.6	540.0	539.4	539.2	539.1	538.9	538.9	538.6	538.4
180°	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7



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CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	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°	84.4	99.4	103.3	100.7	94.5	91.3	85.6	82.9	77.6	75.0	69.7
92.5°	110.3	116.7	123.3	117.4	111.7	105.8	100.1	94.1	88.5	82.5	76.9
95°	137.8	147.1	156.5	148.7	140.9	133.1	125.3	117.6	109.9	102.1	94.4
97.5°	154.9	165.8	176.7	168.9	161.2	153.4	145.6	137.9	130.2	122.3	114.6
100°	268.2	293.3	318.7	296.7	274.6	252.8	230.8	208.7	186.7	164.8	142.6
102.5°	607.2	669.0	730.8	675.0	619.4	563.7	508.1	452.4	396.8	341.0	285.5
105°	1095.2	1188.6	1282.2	1197.1	1112.1	1027.2	942.2	857.3	772.3	687.3	602.5
107.5°	1475.8	1563.1	1650.9	1574.1	1497.3	1420.6	1343.6	1266.9	1190.1	1113.2	1036.5
110°	1664.4	1733.2	1803.0	1751.2	1699.8	1648.0	1596.5	1544.9	1493.5	1442.1	1390.7



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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°	1663.1	1713.0	1763.8	1733.5	1703.4	1673.0	1643.0	1612.7	1582.8	1552.4	1522.7
115°	1520.0	1549.1	1579.6	1567.4	1555.6	1543.5	1531.5	1519.7	1507.7	1495.7	1484.2
117.5°	1340.8	1354.5	1369.7	1367.3	1365.2	1362.8	1360.7	1358.4	1356.5	1354.4	1352.4
120°	1153.6	1156.1	1160.4	1161.7	1163.3	1164.7	1166.3	1167.7	1169.3	1170.9	1172.8
122.5°	995.6	991.1	988.5	989.9	991.2	992.5	994.0	995.2	996.7	998.2	999.8
125°	882.4	874.8	869.5	867.2	865.2	863.0	860.8	858.8	856.7	854.7	852.8
127.5°	799.7	791.6	785.7	780.9	776.0	771.1	766.2	761.4	756.6	751.7	747.2
130°	741.6	733.8	728.5	722.3	716.5	710.1	704.2	698.1	692.0	685.9	679.9
132.5°	699.5	692.0	687.1	681.4	675.7	669.7	663.9	658.0	652.1	646.1	640.4
135°	671.8	665.0	661.2	655.7	650.8	645.4	640.0	634.6	629.4	623.8	618.8
137.5°	647.3	640.7	637.6	633.2	629.2	624.9	620.8	616.2	612.1	607.4	603.4
140°	626.5	619.6	616.1	613.8	611.5	608.8	606.5	603.9	601.6	599.1	596.5
142.5°	610.3	603.8	600.9	599.3	598.0	596.2	595.0	593.4	591.9	589.9	588.3
145°	593.9	586.5	583.2	582.9	583.0	582.8	582.6	582.5	582.3	581.9	581.7
147.5°	582.4	574.8	571.7	572.0	572.3	572.4	572.8	572.9	573.3	573.5	573.8
150°	569.6	561.0	557.3	558.1	558.6	559.3	559.9	560.5	561.3	561.9	562.5
152.5°	558.6	548.6	544.4	545.1	546.0	546.6	547.4	548.3	549.2	550.0	550.8
155°	549.4	538.5	534.1	534.2	534.6	534.8	535.2	535.7	536.2	536.6	537.2
157.5°	543.9	532.6	528.2	527.9	528.1	528.1	528.3	528.5	528.8	529.0	529.6
160°	540.1	528.9	524.8	524.5	524.6	524.6	524.6	524.7	525.0	525.2	525.6
162.5°	536.7	525.7	521.8	521.4	521.2	521.2	521.4	521.2	521.5	521.5	522.0
165°	534.1	524.6	521.0	521.0	521.2	521.2	521.5	521.8	522.2	522.4	522.9
167.5°	536.3	527.8	525.1	524.7	524.3	523.9	523.9	523.4	523.4	523.1	523.1
170°	535.3	528.5	526.1	526.0	526.3	526.3	526.2	526.4	526.4	526.4	526.7
172.5°	535.1	530.1	528.3	528.6	529.1	529.4	529.9	530.3	530.8	531.2	531.7
175°	535.8	532.8	532.0	531.9	532.2	532.4	532.8	533.0	533.3	533.5	534.1
177.5°	538.4	537.4	536.9	536.9	536.9	536.9	536.9	536.9	536.9	537.1	537.1
180°	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7



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 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL40

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°	67.6	64.1	63.6	59.7	60.1	56.0	57.4	53.6	55.6	51.0	57.8
92.5°	70.9	67.9	64.7	61.6	58.4	55.3	52.1	48.9	45.8	42.7	45.8
95°	86.7	83.7	80.9	77.9	75.0	72.1	69.2	66.3	63.5	60.5	64.2
97.5°	106.9	105.1	103.4	101.8	100.1	98.4	96.7	95.0	93.1	91.4	93.8
100°	120.6	120.6	120.6	120.6	120.4	120.4	120.4	120.4	120.4	120.4	122.3
102.5°	229.9	224.3	218.8	213.0	207.5	201.8	196.3	190.7	185.2	179.6	187.8
105°	517.5	495.8	473.9	452.2	430.3	408.6	386.9	365.2	343.4	321.7	344.2
107.5°	960.0	920.1	880.5	840.8	801.0	761.5	721.8	682.2	642.6	603.0	638.5
110°	1339.1	1297.0	1254.8	1212.7	1170.6	1128.5	1086.5	1044.4	1002.4	960.4	994.2



TEST NUMBER: P1444404
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL40

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	1492.6	1465.2	1438.0	1410.9	1383.6	1356.5	1329.4	1302.3	1275.3	1248.2	1264.7
115°	1472.3	1459.3	1446.3	1433.3	1420.4	1407.4	1394.4	1381.6	1368.8	1356.0	1357.0
117.5°	1350.3	1345.8	1341.5	1337.1	1332.7	1328.4	1324.2	1320.2	1315.8	1311.9	1302.7
120°	1174.7	1175.8	1177.0	1178.3	1179.8	1181.3	1182.6	1184.3	1186.0	1187.7	1175.4
122.5°	1001.4	1004.4	1007.5	1010.7	1013.9	1017.3	1020.7	1024.3	1028.0	1031.6	1019.3
125°	850.8	853.7	856.7	859.8	862.8	866.2	869.7	873.3	876.7	880.6	870.2
127.5°	742.4	743.3	744.1	745.2	746.3	747.7	749.2	750.6	752.3	754.2	747.7
130°	673.8	672.5	671.1	670.0	668.7	668.0	667.2	666.4	665.8	665.4	662.6
132.5°	634.5	631.6	628.8	626.0	623.4	621.0	618.6	616.6	614.6	612.8	611.9
135°	613.2	609.3	605.5	601.9	598.1	594.9	591.5	588.7	585.6	582.8	583.4
137.5°	599.0	595.3	591.4	587.8	584.1	581.0	577.6	574.4	571.6	568.9	570.0
140°	594.0	590.2	586.3	582.8	579.4	576.0	572.7	569.9	566.7	564.1	564.8
142.5°	586.7	583.5	579.9	576.7	573.4	570.4	567.6	564.9	561.9	559.7	560.5
145°	581.4	579.0	576.3	573.8	571.5	569.5	567.1	565.1	563.2	561.7	562.0
147.5°	573.8	572.1	570.0	568.3	566.4	564.8	563.1	561.8	560.3	559.2	559.3
150°	563.2	562.0	560.7	559.6	558.4	557.4	556.4	555.5	554.5	553.8	553.7
152.5°	551.7	550.7	549.5	548.5	547.5	546.6	545.7	545.0	544.2	543.4	543.3
155°	537.7	537.2	536.7	536.5	536.0	535.9	535.4	535.4	535.0	534.9	535.0
157.5°	529.8	529.8	529.5	529.7	529.6	529.6	529.5	529.8	529.6	530.0	530.2
160°	526.1	525.8	525.5	525.5	525.2	525.0	524.9	524.9	524.8	524.7	525.2
162.5°	522.2	522.6	522.7	522.9	523.3	523.6	524.0	524.5	524.8	525.3	525.7
165°	523.4	523.4	523.2	523.1	523.3	523.3	523.3	523.7	523.6	524.0	524.6
167.5°	523.0	523.3	523.5	523.8	524.1	524.7	525.0	525.6	526.2	526.9	527.4
170°	526.6	526.6	526.6	526.6	526.6	526.9	527.0	527.1	527.3	527.7	528.0
172.5°	532.0	532.0	531.8	532.0	531.8	532.0	532.0	532.2	532.2	532.3	532.6
175°	534.0	534.5	534.8	535.1	535.2	535.5	535.7	535.9	536.2	536.5	536.5
177.5°	537.1	537.2	537.2	537.2	537.2	537.3	537.3	537.3	537.3	537.2	537.4
180°	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7



TEST NUMBER: P1444404
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL40

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°	57.7	63.6	63.8	69.2	69.9	76.1	77.2	83.0	83.7	89.9	91.4
92.5°	48.9	52.1	55.2	58.4	61.5	64.7	67.8	70.9	77.7	84.2	91.2
95°	67.8	71.4	75.1	78.6	82.2	85.9	89.5	93.1	103.0	112.9	122.8
97.5°	96.5	98.7	101.1	103.5	105.9	108.4	110.8	113.2	124.0	134.7	145.3
100°	124.2	126.1	128.0	130.1	132.0	133.9	135.8	137.7	158.5	179.0	199.6
102.5°	196.0	204.2	212.5	220.7	229.1	237.3	245.6	253.8	301.0	348.1	395.2
105°	366.6	389.1	411.7	434.1	456.6	479.1	501.6	524.1	599.6	675.0	750.6
107.5°	674.0	709.5	745.0	780.6	816.1	851.7	887.2	922.9	996.5	1070.2	1143.8
110°	1028.0	1061.9	1095.7	1129.7	1163.5	1197.5	1231.4	1265.5	1309.7	1353.9	1398.0



TEST NUMBER: P1444404
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL40

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	1281.2	1297.6	1314.2	1330.8	1347.3	1364.0	1380.5	1397.3	1419.5	1441.5	1463.7
115°	1358.0	1359.0	1360.2	1361.3	1362.6	1363.7	1365.1	1366.4	1373.5	1380.3	1387.5
117.5°	1293.6	1284.6	1275.7	1266.7	1257.8	1249.1	1240.4	1231.8	1230.4	1229.0	1227.8
120°	1163.5	1151.4	1139.3	1127.1	1115.2	1103.3	1091.7	1080.0	1074.1	1068.1	1062.3
122.5°	1007.2	995.2	983.3	971.3	959.5	947.9	936.4	924.8	920.7	916.5	912.5
125°	860.0	850.0	840.0	830.2	820.6	810.9	801.5	792.1	792.0	791.7	791.8
127.5°	741.6	735.5	729.4	723.7	718.0	712.3	706.8	701.3	704.0	706.7	709.4
130°	659.9	657.3	654.9	652.3	650.4	648.2	646.1	644.0	649.0	653.3	658.3
132.5°	611.7	611.2	611.1	610.8	611.1	611.1	611.6	611.6	617.1	622.3	627.8
135°	584.1	584.8	586.0	587.0	588.5	589.8	591.4	592.6	597.9	602.9	608.2
137.5°	571.2	572.4	573.9	575.5	577.5	579.1	581.2	582.9	587.0	591.2	595.2
140°	565.9	566.8	568.2	569.5	571.0	572.3	574.1	575.6	579.2	582.2	585.5
142.5°	561.6	562.3	563.6	564.9	566.4	567.6	569.2	570.5	572.9	575.2	578.0
145°	562.9	563.4	564.5	565.3	566.5	567.5	568.7	569.7	571.3	572.7	574.3
147.5°	559.9	560.3	560.9	561.6	562.4	563.0	563.7	564.4	565.5	566.6	567.6
150°	554.0	554.1	554.5	554.6	555.3	555.7	556.2	556.6	557.4	558.3	559.2
152.5°	543.8	543.8	544.1	544.3	544.6	545.0	545.2	545.7	546.5	547.2	548.1
155°	535.4	536.0	536.5	536.9	537.6	537.8	538.5	538.9	539.5	540.1	540.7
157.5°	530.8	531.0	531.7	532.0	532.7	533.1	533.6	534.0	534.7	535.1	535.6
160°	526.0	526.7	527.3	528.2	528.9	529.5	530.3	531.0	531.6	532.0	532.6
162.5°	526.3	526.8	527.3	527.7	528.2	528.8	529.2	529.7	530.6	531.1	532.0
165°	525.4	526.0	526.9	527.4	528.3	529.0	529.7	530.4	530.8	531.4	531.8
167.5°	528.2	528.7	529.7	530.3	531.1	531.7	532.6	533.2	533.7	534.0	534.5
170°	528.7	529.3	530.0	530.6	531.3	531.8	532.7	533.2	533.9	534.4	535.2
172.5°	533.2	533.6	534.2	534.5	535.1	535.7	536.3	536.6	537.2	537.8	538.2
175°	536.5	536.5	536.6	536.8	536.9	536.9	537.0	537.3	537.4	537.6	537.7
177.5°	537.7	537.9	538.1	538.4	538.6	538.8	539.1	539.3	539.3	539.3	539.3
180°	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7



TEST NUMBER: P1444404
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL40

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°	98.9	101.1	108.9	111.4	120.5	123.8	126.4	122.4	124.7	121.0	123.5
92.5°	97.7	104.8	111.6	118.4	125.1	132.0	125.6	119.4	113.0	106.9	100.5
95°	132.7	142.7	152.6	162.4	172.3	182.2	171.6	161.0	150.4	139.8	129.2
97.5°	155.9	166.6	177.2	187.8	198.6	209.2	196.6	184.0	171.4	159.0	146.4
100°	220.1	240.8	261.3	281.9	302.5	323.1	299.8	276.3	253.1	229.6	206.1
102.5°	442.5	489.6	536.9	584.1	631.2	678.5	628.9	579.4	529.5	480.0	430.2
105°	826.2	901.6	977.1	1052.7	1128.2	1203.9	1123.3	1042.9	962.3	881.9	801.2
107.5°	1217.6	1291.0	1364.9	1438.4	1512.2	1586.0	1504.4	1422.7	1341.2	1259.3	1177.7
110°	1442.4	1486.7	1531.1	1575.4	1619.6	1664.1	1604.4	1544.9	1485.3	1425.7	1366.0



TEST NUMBER: P1444404
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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°	1485.7	1508.2	1530.1	1552.5	1574.6	1597.0	1554.5	1512.0	1469.2	1426.7	1384.0
115°	1394.6	1401.7	1408.9	1416.1	1423.1	1430.4	1401.6	1372.9	1344.3	1315.5	1286.7
117.5°	1226.5	1225.5	1224.1	1223.2	1221.8	1220.7	1204.7	1188.8	1172.6	1156.4	1140.3
120°	1056.3	1050.5	1044.6	1038.8	1032.8	1026.9	1020.2	1013.5	1006.5	999.7	992.8
122.5°	908.4	904.5	900.3	896.4	892.1	887.9	885.3	882.9	880.2	877.6	874.7
125°	791.7	791.5	791.4	791.4	791.1	791.0	789.5	788.3	786.9	785.7	784.2
127.5°	712.0	714.8	717.3	719.9	722.3	725.0	724.6	724.4	724.0	723.7	723.3
130°	662.6	667.6	672.0	676.4	680.7	685.5	684.6	683.9	683.2	682.5	681.7
132.5°	633.1	638.4	643.5	649.0	654.0	659.2	658.3	657.5	656.3	655.5	654.4
135°	613.2	618.2	623.0	628.2	632.8	637.8	636.5	635.5	634.1	633.1	631.8
137.5°	599.0	603.4	607.2	611.2	614.8	618.8	617.4	616.4	615.0	614.0	612.6
140°	588.5	591.9	594.7	598.0	601.0	604.1	602.5	601.1	599.3	597.9	596.2
142.5°	580.2	582.7	584.7	587.2	589.5	591.8	589.4	587.3	585.2	583.1	581.0
145°	575.8	577.6	579.0	580.5	581.6	583.2	580.6	578.3	575.5	573.2	570.6
147.5°	568.4	569.5	570.1	571.1	571.7	572.7	570.2	567.9	565.4	562.9	560.5
150°	559.8	560.9	561.5	562.3	563.0	563.8	561.2	558.8	556.2	553.6	551.1
152.5°	548.9	549.6	550.3	550.9	551.6	552.2	549.8	547.6	545.1	542.6	540.1
155°	541.0	541.7	541.9	542.5	542.6	543.0	540.8	539.1	537.0	535.0	532.8
157.5°	536.0	536.6	537.0	537.2	537.5	537.9	536.3	534.9	533.3	531.7	530.0
160°	533.0	533.4	533.8	534.1	534.5	534.6	533.3	532.1	530.8	529.4	527.9
162.5°	532.7	533.4	534.0	534.4	535.1	535.6	534.0	532.6	531.0	529.4	527.7
165°	532.2	532.7	533.1	533.5	533.6	534.0	532.9	531.9	530.7	529.7	528.6
167.5°	534.8	535.3	535.6	536.0	536.1	536.4	535.3	534.5	533.3	532.2	531.0
170°	535.5	536.1	536.7	537.1	537.6	537.9	537.2	536.4	535.4	534.6	533.6
172.5°	538.7	539.3	539.5	539.9	540.2	540.7	539.8	538.9	538.0	537.1	536.1
175°	537.7	537.8	538.1	538.1	538.1	538.2	537.5	536.8	536.1	535.4	534.6
177.5°	539.3	539.3	539.3	539.2	539.2	539.2	538.7	538.2	537.8	537.3	536.6
180°	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7



TEST NUMBER: P1444404
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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°	119.7	122.6	118.8	121.8	120.2	124.6	123.8	128.3	126.9	130.7	128.0
92.5°	94.2	87.9	81.7	75.4	72.2	68.8	66.2	62.5	59.6	56.2	53.0
95°	118.6	108.0	97.3	86.7	83.0	79.3	75.7	72.0	68.5	64.9	61.2
97.5°	133.9	121.3	108.8	96.2	93.0	89.9	86.7	83.5	80.3	77.2	74.1
100°	182.7	159.3	135.9	112.4	109.8	107.1	104.4	101.8	99.1	96.3	93.6
102.5°	380.6	330.8	281.0	231.3	221.9	212.4	203.0	193.5	184.0	174.7	165.3
105°	720.6	639.9	559.4	478.7	453.0	427.4	401.9	376.2	350.5	324.9	299.4
107.5°	1095.9	1013.9	932.2	850.3	803.2	755.8	708.4	660.9	613.8	566.3	518.8
110°	1306.4	1246.6	1186.9	1127.0	1089.0	1050.9	1012.6	974.5	936.6	898.2	860.0



TEST NUMBER: P1444404
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL40

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1341.3	1298.5	1255.7	1212.7	1195.7	1178.2	1161.2	1143.8	1126.4	1109.0	1091.7
115°	1257.8	1229.0	1200.0	1170.9	1165.1	1158.8	1152.9	1146.6	1140.5	1134.2	1128.0
117.5°	1124.2	1107.9	1091.6	1075.4	1076.3	1077.3	1078.5	1079.3	1080.2	1080.9	1081.8
120°	985.8	978.8	972.0	964.9	970.4	975.4	980.8	985.8	990.8	995.7	1000.6
122.5°	872.2	869.3	866.7	863.7	870.3	876.5	882.8	888.9	895.1	900.8	906.8
125°	783.0	781.5	780.2	778.4	785.0	791.4	797.7	803.8	809.9	815.8	821.6
127.5°	723.0	722.6	722.3	721.8	726.6	730.9	735.4	739.5	743.9	747.8	751.8
130°	680.9	680.1	679.5	678.6	682.8	686.7	691.0	694.6	698.5	701.9	705.5
132.5°	653.6	652.5	651.6	650.5	653.7	656.5	659.5	661.9	664.6	666.7	669.2
135°	630.7	629.3	628.3	626.9	629.7	632.4	635.2	637.5	639.9	641.8	643.9
137.5°	611.6	610.1	608.9	607.5	610.1	612.6	614.9	617.0	619.1	621.0	622.7
140°	594.9	593.2	591.8	590.1	592.3	594.4	596.5	598.3	600.4	601.8	603.4
142.5°	578.9	576.4	574.6	572.3	573.9	575.4	576.9	578.3	579.7	580.7	581.7
145°	568.1	565.3	563.0	560.4	561.7	562.8	564.1	565.2	566.0	566.8	567.8
147.5°	558.3	555.6	553.1	550.6	551.8	552.6	553.2	553.9	554.8	555.4	555.8
150°	548.5	545.7	543.1	540.5	541.2	541.9	542.4	543.2	543.9	544.3	544.7
152.5°	537.6	535.2	532.6	529.9	530.5	531.0	531.4	531.8	532.3	532.8	533.0
155°	530.8	528.6	526.5	524.1	524.8	525.1	525.4	525.8	526.0	526.3	526.4
157.5°	528.3	526.5	525.0	523.1	523.1	523.3	523.4	523.2	523.2	523.1	522.9
160°	526.7	525.1	523.6	522.1	522.0	522.1	522.2	521.8	521.9	521.5	521.2
162.5°	526.0	524.4	522.6	520.7	520.6	520.8	520.7	520.5	520.4	520.2	520.0
165°	527.6	526.2	525.0	523.6	523.5	523.2	523.1	522.5	522.3	521.7	521.2
167.5°	529.8	528.6	527.2	525.8	525.8	526.0	525.9	525.8	525.8	525.5	525.5
170°	532.7	531.5	530.6	529.5	529.2	529.1	528.8	528.5	528.1	527.9	527.5
172.5°	535.1	534.1	533.1	531.7	531.7	531.6	531.3	531.2	530.8	530.5	530.4
175°	533.8	533.1	532.0	531.3	531.2	531.1	530.9	530.8	530.5	530.4	530.1
177.5°	536.1	535.7	535.0	534.5	534.3	534.3	534.2	534.1	534.1	533.9	533.8
180°	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7	536.7



TEST NUMBER: P1444404
CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL40

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°	131.5	128.3
92.5°	50.1	47.3
95°	57.6	54.0
97.5°	70.9	67.8
100°	90.9	88.3
102.5°	155.8	146.4
105°	273.7	248.1
107.5°	471.5	424.2
110°	821.8	783.7



TEST NUMBER: P1444404
CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL40

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	1074.2	1056.8
115°	1121.4	1115.1
117.5°	1082.5	1083.0
120°	1005.2	1010.0
122.5°	912.3	918.0
125°	827.3	832.8
127.5°	755.4	759.0
130°	708.2	711.5
132.5°	671.0	672.8
135°	645.5	647.2
137.5°	624.0	625.5
140°	604.5	605.6
142.5°	582.5	583.2
145°	568.3	568.8
147.5°	555.7	556.1
150°	544.8	545.0
152.5°	533.0	533.3
155°	526.4	526.5
157.5°	522.6	522.4
160°	520.9	520.7
162.5°	519.6	519.4
165°	520.6	520.0
167.5°	525.1	525.0
170°	527.1	526.8
172.5°	530.0	529.7
175°	530.0	529.9
177.5°	533.8	533.5
180°	536.7	536.7



TEST NUMBER: P1444404
 CATALOG NUMBER: EHBR1-42-UNV-TA-L840-UPL40

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	17.12	18.16	17.64	18.66	19.20	15.49	16.54	16.02	17.04	17.58
	3H	18.66	19.60	19.20	20.11	20.70	17.92	18.86	18.46	19.37	19.96
	4H	19.46	20.33	20.02	20.86	21.46	19.04	19.91	19.60	20.44	21.04
	6H	20.22	21.02	20.80	21.57	22.18	20.08	20.88	20.65	21.42	22.04
	8H	20.54	21.29	21.12	21.86	22.48	20.52	21.27	21.10	21.84	22.46
	12H	20.78	21.51	21.37	22.06	22.71	20.87	21.59	21.46	22.15	22.79
4H	2H	17.49	18.36	18.05	18.89	19.49	16.20	17.07	16.77	17.60	18.21
	3H	19.36	20.08	19.94	20.66	21.28	18.83	19.55	19.40	20.12	20.74
	4H	20.37	21.01	20.96	21.60	22.25	20.08	20.73	20.67	21.31	21.97
	6H	21.32	21.88	21.93	22.49	23.16	21.26	21.82	21.88	22.43	23.11
	8H	21.71	22.23	22.33	22.84	23.51	21.76	22.28	22.38	22.89	23.57
	12H	22.02	22.48	22.65	23.12	23.80	22.17	22.64	22.81	23.27	23.96
8H	4H	20.74	21.26	21.36	21.87	22.55	20.50	21.02	21.11	21.62	22.30
	6H	21.90	22.32	22.55	22.98	23.66	21.84	22.27	22.49	22.92	23.61
	8H	22.41	22.79	23.07	23.45	24.15	22.45	22.83	23.12	23.49	24.19
	12H	22.83	23.17	23.50	23.81	24.58	22.97	23.31	23.64	23.95	24.72
12H	4H	20.79	21.25	21.42	21.88	22.57	20.55	21.01	21.19	21.65	22.33
	6H	22.01	22.39	22.68	23.05	23.75	21.96	22.34	22.63	23.00	23.70
	8H	22.60	22.93	23.26	23.57	24.35	22.63	22.96	23.29	23.61	24.38

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

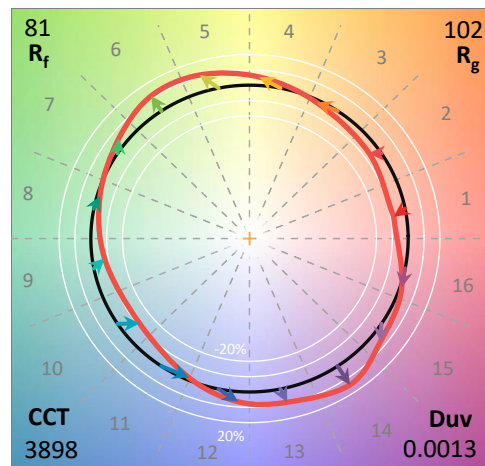
Test Information

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



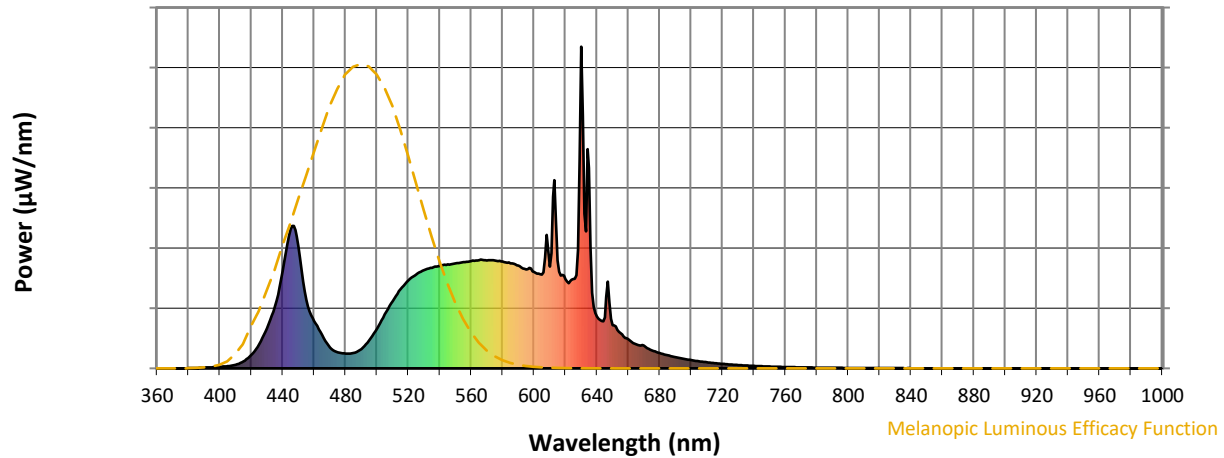
Scotopic Lumens: NR

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

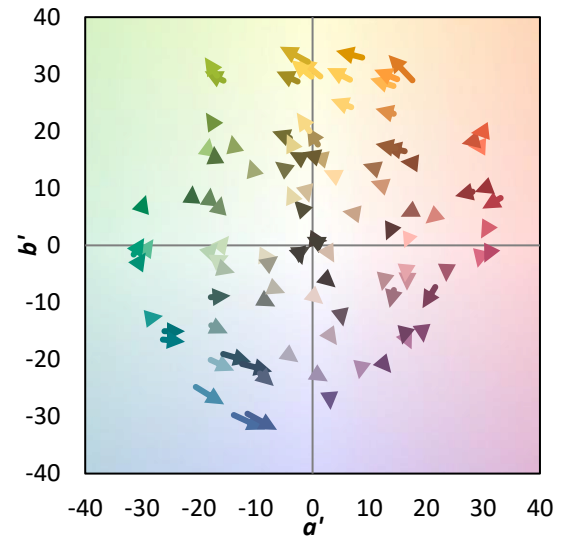
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	60	NR	620	277	NR	750	6	NR	880	0	NR
365	0	NR	495	87	NR	625	278	NR	755	5	NR	885	0	NR
370	0	NR	500	124	NR	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

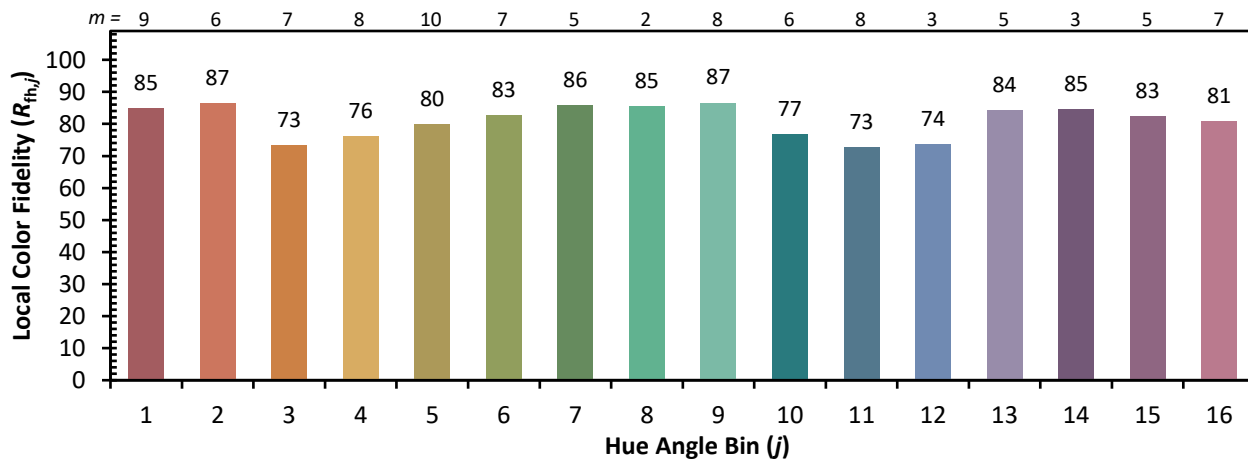
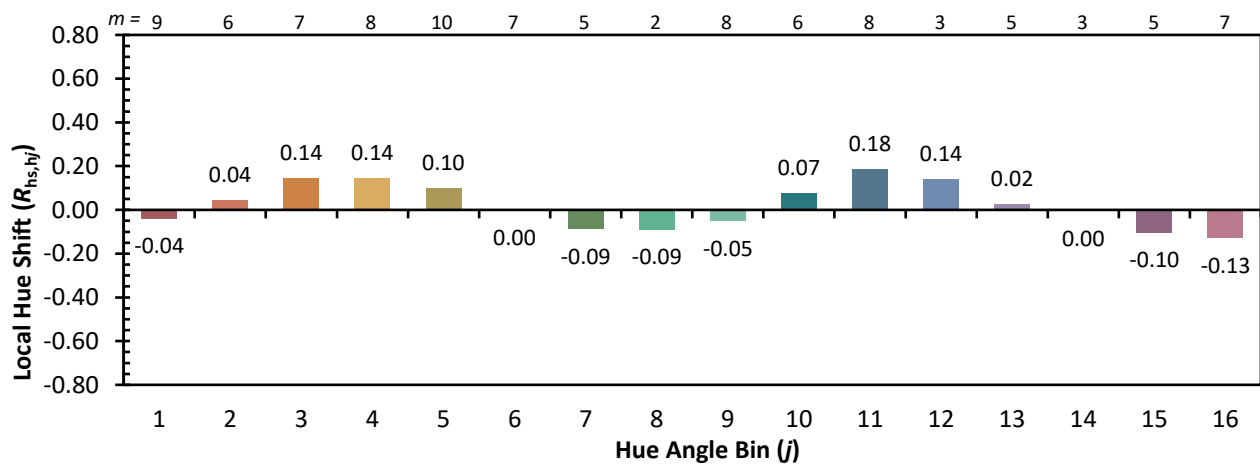


Individual Sample Fidelity Index ($R_{f,i}$)

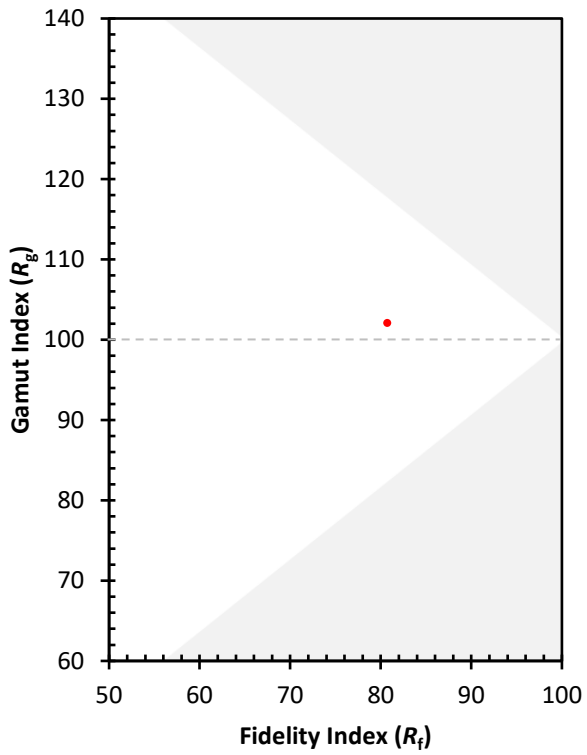
CES01 = 85	CES26 = 69	CES51 = 90	CES76 = 58
CES02 = 61	CES27 = 89	CES52 = 90	CES77 = 76
CES03 = 31	CES28 = 83	CES53 = 80	CES78 = 60
CES04 = 69	CES29 = 66	CES54 = 91	CES79 = 85
CES05 = 48	CES30 = 76	CES55 = 89	CES80 = 79
CES06 = 50	CES31 = 69	CES56 = 79	CES81 = 81
CES07 = 41	CES32 = 62	CES57 = 77	CES82 = 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)