

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: P1444627

Luminaire Tested: EHBR1-54-UNV-TA-L850-UPL15

Issue Date: 5/1/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1444627  
REPORT IS A COMBINATION OF REPORTS P1444316 AND P1431635  
Test Lab: INNOVATION CENTER  
Issue Date: 5/1/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: EHBR1-54-UNV-TA-L850-UPL15  
Description: Elevate Round Highbay at, 54000 lumens, 5000K 80CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

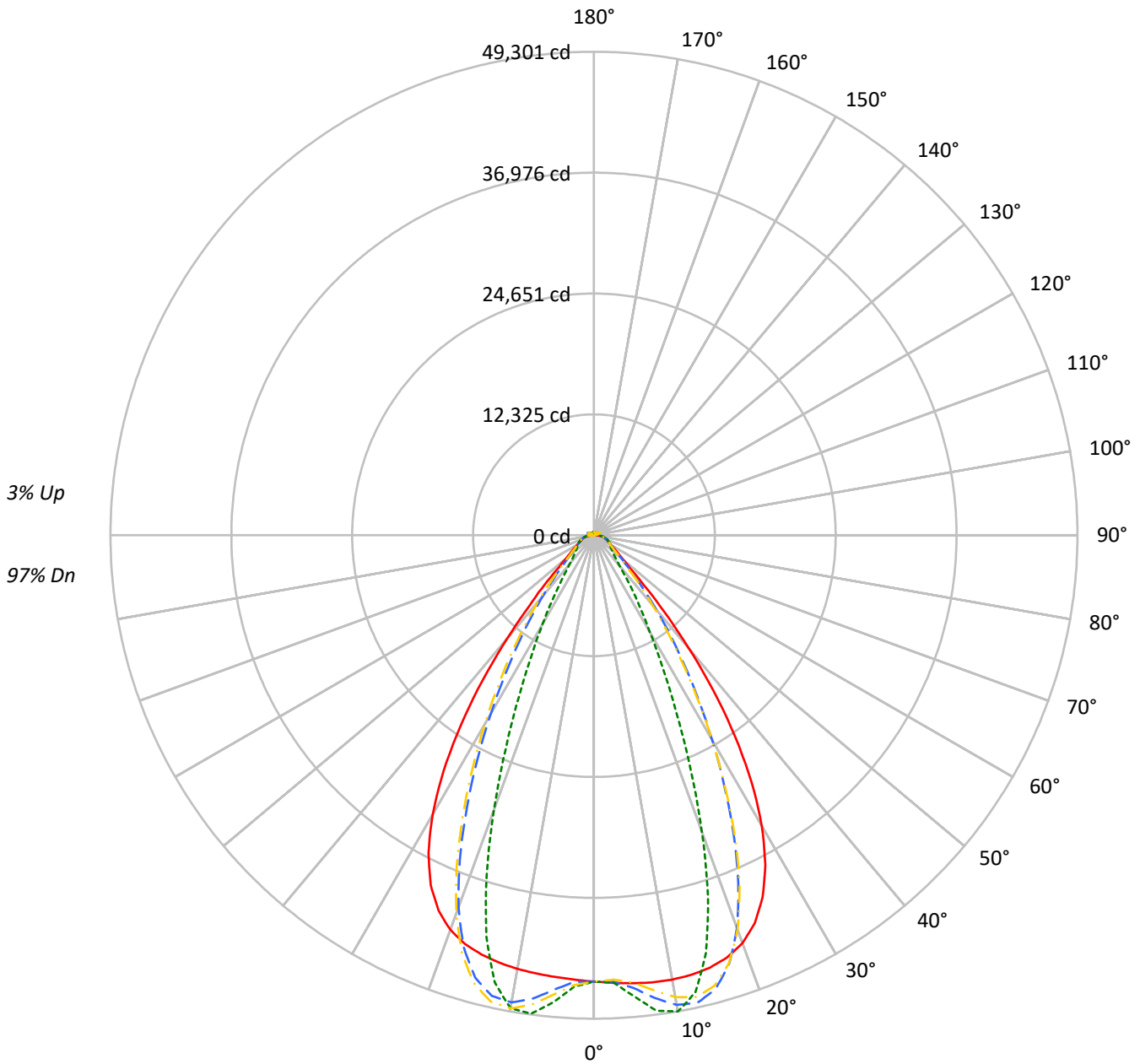
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 54150.1 lumens  
Efficiency: N/A  
Efficacy: 177.4 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): 305.3  
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: P1444627  
CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL15

### Luminous Intensity Polar Plot



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



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

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	99	99	99	97
1	111	108	105	102	108	105	102	100	100	98	96	96	94	93	92	91	90	92	91	90	87
2	104	99	94	90	102	96	92	88	93	89	86	89	86	83	86	83	81	86	83	81	79
3	98	91	85	80	96	89	83	79	86	81	77	83	79	76	80	77	74	80	77	74	72
4	92	84	77	72	90	82	76	72	79	74	70	77	73	69	75	71	68	75	71	68	66
5	87	77	71	66	85	76	70	65	74	69	64	72	67	64	70	66	63	70	66	63	61
6	82	72	65	60	80	71	65	60	69	64	59	67	62	59	66	61	58	66	61	58	56
7	78	67	60	56	76	66	60	55	65	59	55	63	58	54	62	57	54	62	57	54	52
8	74	63	56	52	72	62	56	52	61	55	51	59	54	51	58	54	50	58	54	50	49
9	70	59	53	48	68	58	52	48	57	52	48	56	51	47	55	50	47	55	50	47	45
10	66	56	49	45	65	55	49	45	54	48	45	53	48	44	52	47	44	52	47	44	43

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

	0°	90°	180°	270°
0°	213716	213716	213716	213716
5°	214750	221012	211744	223907
10°	216543	232046	211350	230510
15°	217605	210348	210980	201878
20°	215355	156702	208307	144986
25°	203843	99105	197106	89920
30°	178072	59555	171174	54427
35°	137045	37371	129162	33104
40°	86693	23442	79317	22028
45°	44683	18263	43943	17963
50°	26198	16245	25394	15991
55°	20070	15369	19327	15230
60°	16982	15699	16259	15496
65°	15951	16394	15340	15836
70°	15583	17167	14807	16521
75°	16662	18206	15762	17403
80°	17241	20161	15633	18403
85°	16238	19450	13122	16657

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 25°  
 Vertical Angle: 45°  
 Luminance: 68382 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	4485.0	8.3
10°-20°	12616.8	23.3
20°-30°	14369.6	26.5
30°-40°	10328.2	19.1
40°-50°	4763.4	8.8
50°-60°	2279.5	4.2
60°-70°	1663.2	3.1
70°-80°	1263.6	2.3
80°-90°	577.3	1.1
90°-100°	57.1	0.1
100°-110°	268.2	0.5
110°-120°	494.4	0.9
120°-130°	318.1	0.6
130°-140°	224.9	0.4
140°-150°	183.0	0.3
150°-160°	138.0	0.3
160°-170°	88.4	0.2
170°-180°	31.3	0.1
0°-30°	31471.5	58.1
0°-40°	41799.7	77.2
0°-60°	48842.5	90.2
0°-90°	52346.6	96.7
90°-120°	819.7	1.5
90°-150°	1545.7	2.9
90°-180°	1803.0	3.3
0°-180°	54150.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	45509	45509	45509	45509	45509	
5°	45853	47190	45211	47808	45853	4382
15°	45652	44130	44262	42353	45652	12863
25°	40707	19791	39362	17957	40707	18453
35°	25153	6859	23706	6076	25153	15437
45°	7230	2955	7110	2906	7230	6149
55°	2712	2077	2612	2058	2712	2504
65°	1665	1711	1601	1653	1665	1663
75°	1174	1282	1110	1226	1174	1221
85°	558	668	451	572	558	524
90°	137	177	29	39	137	87
95°	26	28	26	28	26	24
105°	102	127	72	128	102	134
115°	438	517	458	517	438	406
125°	352	346	395	348	352	320
135°	307	252	328	256	307	239
145°	298	271	314	278	298	188
155°	297	289	313	294	297	138
165°	312	306	322	310	312	88
175°	329	330	333	331	329	31
180°	333	333	333	333	333	



TEST NUMBER: P1444627  
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**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2
2.5°	45683.0	45679.3	45678.7	45675.5	45674.6	45674.6	45673.1	45669.4	45667.0	45661.8	45655.9
5°	45852.6	45850.5	45851.7	45852.1	45848.8	45841.8	45830.7	45817.0	45799.7	45783.6	45769.1
7.5°	45983.6	45986.8	45990.9	45990.0	45980.1	45963.4	45940.6	45927.8	45935.4	45960.1	46016.8
10°	46007.6	46027.1	46034.7	46032.3	46012.5	45998.1	46003.6	46051.9	46147.8	46275.9	46451.0
12.5°	45914.3	45938.2	45937.3	45929.5	45910.2	45929.8	45999.6	46143.1	46348.9	46601.5	46897.6
15°	45652.4	45683.4	45674.6	45664.4	45651.5	45715.7	45855.2	46104.5	46422.3	46778.4	47142.8
17.5°	45143.8	45181.3	45163.1	45151.4	45140.6	45261.0	45500.7	45865.7	46265.9	46668.7	47014.1
20°	44261.8	44286.8	44243.5	44223.1	44240.3	44476.3	44829.2	45295.4	45717.3	46098.1	46334.3
22.5°	42822.2	42853.4	42771.9	42762.5	42863.0	43225.5	43672.1	44193.2	44589.6	44891.5	44982.5
25°	40707.2	40737.8	40641.1	40698.9	40870.0	41363.6	41895.6	42453.0	42791.2	43014.8	42953.1
27.5°	37852.4	37880.4	37788.6	37906.7	38177.0	38825.7	39451.8	40056.4	40357.9	40514.6	40316.0
30°	34252.0	34310.1	34201.7	34366.5	34779.1	35621.3	36338.6	37016.7	37317.3	37436.5	37127.5
32.5°	29975.7	30058.5	29939.0	30184.1	30760.0	31771.6	32586.4	33344.0	33676.4	33812.6	33463.6
35°	25152.6	25271.4	25134.2	25502.2	26212.5	27339.0	28241.3	29087.1	29480.8	29673.7	29322.1
37.5°	20042.8	20156.0	20081.8	20572.7	21352.7	22520.3	23441.4	24353.8	24798.4	25088.0	24810.8
40°	15026.1	15129.6	15185.8	15747.3	16480.9	17581.4	18466.0	19368.9	19866.2	20229.7	20058.7
42.5°	10605.5	10709.9	10900.8	11442.6	12054.3	12965.3	13723.0	14533.6	15008.7	15396.5	15330.5
45°	7229.6	7350.8	7590.0	8033.6	8476.0	9129.5	9686.0	10316.4	10704.5	11059.7	11063.9
47.5°	5066.1	5151.3	5365.0	5667.9	5956.3	6774.5	6808.1	7117.9	7378.8	7644.3	7678.7
50°	3904.4	3955.6	4069.0	4237.8	4401.2	4613.6	4808.1	5032.5	5193.1	5338.7	5373.5
52.5°	3209.1	3241.7	3299.4	3390.8	3485.6	3601.1	3705.2	3828.4	3915.9	3993.7	4010.2
55°	2712.3	2739.3	2825.1	2842.4	2951.0	2971.8	3018.1	3093.1	3143.9	3190.5	3202.2
57.5°	2337.3	2356.9	2375.1	2414.0	2447.4	2496.1	2535.2	2589.0	2621.0	2654.7	2657.7
60°	2041.5	2055.6	2068.7	2095.6	2118.4	2152.2	2179.1	2215.7	2238.6	2264.0	2266.8
62.5°	1821.3	1831.5	1840.1	1858.0	1874.2	1900.1	1921.5	1952.1	1973.5	1993.0	1997.5
65°	1664.9	1672.3	1677.8	1691.4	1705.5	1727.6	1747.0	1771.9	1787.6	1802.7	1805.8
67.5°	1526.3	1533.3	1539.0	1551.3	1561.1	1577.6	1590.7	1609.4	1621.2	1633.1	1633.5
70°	1367.3	1373.9	1378.3	1389.8	1397.7	1411.8	1422.3	1439.2	1451.3	1464.7	1468.0
72.5°	1257.4	1261.2	1267.1	1277.6	1288.6	1303.8	1317.7	1335.3	1349.9	1363.8	1369.7
75°	1173.7	1178.2	1182.2	1191.1	1198.7	1211.5	1222.0	1238.0	1250.8	1265.7	1272.9
77.5°	1053.0	1058.2	1061.5	1070.5	1077.1	1089.3	1097.1	1111.4	1122.0	1135.4	1142.0
80°	907.0	911.9	914.3	922.8	928.0	939.3	946.9	960.7	969.5	983.0	990.9
82.5°	745.4	750.1	751.3	759.3	762.1	771.5	777.0	791.2	802.0	819.5	831.7
85°	558.1	559.8	562.5	560.5	571.8	572.5	585.2	587.6	604.5	608.9	628.1
87.5°	341.2	346.3	348.8	356.6	359.9	367.7	370.0	378.3	382.9	392.3	396.7
90°	136.8	144.1	146.3	154.8	156.8	164.4	165.9	174.5	176.6	185.6	188.3
92.5°	23.0	24.2	25.2	26.9	28.1	30.3	31.9	33.5	34.8	36.8	39.4
95°	25.6	27.0	28.4	29.7	31.0	32.4	33.8	35.1	36.4	37.8	41.6
97.5°	31.4	32.6	33.8	35.0	36.1	37.3	38.5	39.7	40.9	41.9	46.7
100°	40.0	41.0	41.9	42.9	43.9	45.0	46.0	47.0	47.9	48.9	57.6
102.5°	63.0	66.5	70.0	73.5	77.0	80.4	84.1	87.3	90.9	94.4	112.7
105°	102.5	111.9	121.7	131.0	140.6	150.2	159.7	168.9	178.5	187.9	218.1
107.5°	170.1	187.6	205.3	223.0	240.7	258.2	275.9	293.4	310.9	328.3	358.8
110°	307.1	320.9	335.2	349.3	363.3	377.7	391.7	405.5	419.7	433.7	455.9



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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°	412.1	418.3	424.5	430.9	437.2	443.3	449.6	455.8	462.1	468.1	483.7
115°	437.5	439.5	441.7	443.5	445.7	447.5	449.5	451.3	453.3	455.0	465.5
117.5°	429.7	429.0	428.3	427.8	426.8	426.0	425.2	424.3	423.4	422.4	428.1
120°	407.2	404.8	402.5	400.0	397.6	395.0	392.7	390.1	387.3	384.6	386.8
122.5°	377.9	375.0	372.6	369.4	366.6	363.3	360.6	357.1	354.2	351.1	351.3
125°	351.8	348.7	346.3	343.1	339.9	336.7	333.6	330.2	327.0	323.6	323.3
127.5°	329.9	327.8	325.7	323.1	320.6	318.1	315.4	312.6	310.2	307.1	306.5
130°	318.4	316.4	314.2	311.8	309.5	307.0	304.3	301.6	299.1	296.2	295.4
132.5°	310.0	308.5	306.9	304.8	302.8	300.4	298.4	295.7	293.6	291.2	290.5
135°	306.6	304.9	303.4	301.6	299.7	297.2	295.0	292.6	290.4	287.8	287.2
137.5°	304.3	302.9	301.4	299.4	297.5	295.2	293.1	290.7	288.4	286.0	285.3
140°	302.5	301.1	299.6	297.6	296.0	293.9	291.7	289.5	287.2	284.9	284.4
142.5°	299.4	297.9	296.8	295.1	293.5	291.5	289.6	287.3	285.5	283.3	283.0
145°	298.5	297.3	296.3	294.9	293.2	291.2	289.6	287.5	285.8	283.9	283.6
147.5°	297.9	296.8	296.1	294.6	293.4	291.6	290.1	288.2	286.6	285.0	284.9
150°	297.4	296.5	295.7	294.5	293.1	291.6	290.2	288.6	287.0	285.4	285.3
152.5°	296.2	295.1	294.4	293.2	291.9	290.4	289.3	287.6	286.2	284.7	284.5
155°	297.3	296.3	295.3	294.2	293.0	291.7	290.4	289.0	287.8	286.2	286.0
157.5°	299.7	298.6	297.8	296.5	295.8	294.6	293.5	292.2	291.1	290.0	289.6
160°	303.6	302.6	301.8	300.6	299.5	298.2	297.3	296.1	295.3	294.0	293.7
162.5°	307.7	306.7	305.7	304.6	303.6	302.4	301.6	300.6	299.6	298.3	298.1
165°	312.3	311.7	310.8	309.9	309.1	308.2	307.5	306.4	305.6	304.5	304.4
167.5°	318.6	317.6	317.0	316.1	315.1	314.4	313.5	312.6	312.0	310.9	310.7
170°	322.9	322.0	321.5	321.0	320.3	319.6	319.1	318.5	317.8	317.1	317.0
172.5°	326.5	325.8	325.5	325.2	324.5	324.2	323.7	323.2	322.9	322.2	322.4
175°	328.6	328.1	328.0	327.6	327.3	326.9	326.8	326.4	326.4	325.9	325.9
177.5°	331.2	331.1	331.1	330.9	330.9	330.7	330.5	330.2	330.0	330.0	330.1
180°	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2



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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°	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2
2.5°	45651.5	45645.9	45638.3	45628.7	45620.5	45610.8	45588.0	45581.4	45588.9	45594.0	45604.4
5°	45759.9	45763.2	45764.4	45785.1	45803.0	45847.7	46197.8	46336.9	46444.6	46512.9	46616.6
7.5°	46087.0	46192.2	46296.3	46436.3	46557.1	46720.1	47332.8	47593.5	47778.8	47912.1	48076.0
10°	46641.2	46870.9	47086.3	47338.7	47555.5	47804.0	48374.2	48628.2	48788.6	48905.3	49014.3
12.5°	47199.5	47518.1	47806.0	48086.9	48321.6	48536.9	48737.5	48826.4	48834.0	48837.7	48779.9
15°	47490.2	47794.8	48048.5	48234.2	48372.2	48433.2	48088.0	47906.9	47677.9	47489.4	47179.2
17.5°	47306.7	47489.4	47599.1	47588.2	47531.3	47340.3	46362.4	45824.6	45290.6	44809.4	44178.4
20°	46490.9	46476.9	46381.6	46111.6	45786.3	45280.3	43603.7	42636.5	41701.3	40879.9	39883.5
22.5°	44973.1	44734.3	44401.3	43819.1	43172.3	42288.4	39885.8	38463.0	37161.1	36010.9	34722.6
25°	42773.9	42282.7	41668.5	40744.2	39739.1	38449.8	35488.5	33718.8	32155.7	30799.9	29313.4
27.5°	39959.5	39219.4	38319.4	37040.1	35678.3	34026.6	30743.6	28790.5	27112.5	25659.0	24076.7
30°	36627.4	35664.9	34502.7	32915.0	31272.4	29399.0	26069.3	24091.1	22392.6	20897.3	19313.9
32.5°	32861.8	31734.5	30372.7	28590.6	26814.2	24888.2	21672.4	19757.6	18135.1	16696.6	15263.4
35°	28708.7	27499.7	26059.0	24241.4	22475.6	20603.0	17652.3	15925.8	14493.0	13221.5	12064.2
37.5°	24253.6	23066.6	21697.3	19984.2	18346.8	16649.8	14103.8	12657.1	11454.7	10399.4	9505.8
40°	19621.7	18582.8	17398.0	15917.0	14519.6	13106.4	11016.5	9868.1	8919.2	8114.3	7444.8
42.5°	15046.3	14241.4	13332.8	12162.4	11093.1	10017.0	8408.5	7557.6	6854.7	6275.4	5802.0
45°	10916.7	10378.2	9768.8	8955.1	8215.2	7464.6	6319.8	5721.9	5264.1	4890.6	4574.7
47.5°	7631.3	7319.0	7299.9	6548.0	6005.4	5546.4	4808.9	4431.3	4150.8	3924.4	3724.4
50°	5359.2	5208.1	5020.4	4752.1	4500.2	4240.9	3791.5	3563.1	3398.9	3261.8	3135.2
52.5°	4006.4	3927.9	3827.9	3685.6	3549.2	3403.3	3118.9	2973.6	2921.9	2794.2	2694.0
55°	3200.1	3155.0	3098.2	3014.5	2931.5	2898.3	2654.6	2546.7	2478.3	2427.9	2374.1
57.5°	2658.1	2624.5	2590.9	2534.2	2486.0	2427.9	2298.5	2243.2	2202.6	2172.9	2135.6
60°	2267.3	2247.3	2228.4	2195.1	2169.2	2137.8	2055.6	2024.5	2003.2	1985.3	1961.5
62.5°	2001.2	1990.9	1981.1	1963.4	1950.2	1933.2	1877.0	1862.0	1851.4	1842.5	1827.9
65°	1809.1	1801.7	1796.3	1784.4	1777.8	1767.9	1719.7	1709.6	1703.0	1699.7	1691.4
67.5°	1634.5	1626.8	1623.2	1614.8	1612.1	1605.8	1566.3	1560.8	1558.6	1559.7	1556.6
70°	1471.3	1468.0	1469.7	1468.4	1472.0	1473.2	1449.4	1449.2	1451.7	1456.7	1457.2
72.5°	1373.4	1373.4	1375.3	1376.1	1379.6	1381.4	1361.4	1360.5	1361.6	1365.4	1365.5
75°	1280.3	1281.9	1286.9	1288.6	1292.8	1293.7	1267.3	1264.3	1264.5	1268.0	1266.8
77.5°	1151.4	1157.0	1166.7	1171.7	1179.8	1181.3	1151.8	1148.3	1148.4	1151.9	1149.0
80°	1005.3	1015.9	1031.2	1041.8	1054.3	1059.4	1029.0	1021.8	1015.0	1014.0	1007.9
82.5°	849.9	862.8	881.3	890.8	904.2	907.2	856.4	846.8	841.1	841.6	836.0
85°	648.8	658.6	675.3	680.7	689.0	688.3	630.3	605.5	612.1	601.7	609.9
87.5°	407.0	412.8	423.2	424.5	428.4	427.6	369.2	357.7	354.4	354.5	350.3
90°	197.4	200.9	209.7	209.5	215.3	214.0	166.5	160.8	157.0	159.5	153.9
92.5°	42.3	44.6	47.5	50.0	52.8	55.5	52.7	53.8	51.8	48.9	47.1
95°	45.6	49.5	53.5	57.5	61.5	65.4	69.4	73.4	69.6	65.9	62.2
97.5°	51.4	56.0	60.5	65.2	69.9	74.6	79.3	84.0	80.1	75.6	71.7
100°	66.3	75.0	83.6	92.4	101.0	109.7	118.5	127.2	119.5	111.6	103.9
102.5°	131.0	149.7	168.2	186.5	204.9	223.6	242.3	260.9	243.1	225.2	207.5
105°	248.0	277.9	307.8	337.5	367.6	397.4	427.9	457.9	429.6	401.3	372.9
107.5°	389.1	419.5	449.6	479.8	510.3	540.5	571.7	602.0	574.3	546.4	518.7
110°	477.9	499.7	521.8	543.7	565.6	587.5	610.6	632.7	615.9	599.0	582.2



TEST NUMBER: P1444627  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL15

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	499.1	514.8	530.4	545.8	561.2	576.7	593.8	609.6	600.9	591.9	583.5
115°	475.6	486.2	496.3	506.6	516.8	526.9	539.1	549.8	546.4	543.2	540.1
117.5°	433.5	438.9	444.5	449.8	455.1	460.4	468.4	474.0	473.8	473.7	473.6
120°	388.7	390.6	392.4	394.3	396.0	397.7	402.4	404.8	406.4	407.7	409.2
122.5°	351.6	351.9	352.0	352.0	352.1	352.2	355.8	356.7	357.3	357.9	358.7
125°	322.9	322.6	322.2	321.8	321.1	320.8	324.3	324.3	323.7	322.8	322.1
127.5°	305.6	304.9	304.0	303.2	302.1	301.4	304.4	304.4	302.4	300.7	298.5
130°	294.7	294.0	293.1	292.3	291.7	291.0	294.5	294.8	292.1	289.2	286.5
132.5°	289.7	289.1	288.0	287.6	286.8	285.9	290.0	290.4	287.6	284.4	281.5
135°	286.3	285.8	285.2	284.4	283.7	283.4	287.7	288.1	285.5	282.4	279.7
137.5°	284.4	283.9	283.2	282.8	282.0	281.6	286.5	287.2	285.0	282.2	279.9
140°	283.7	283.2	282.7	282.4	281.8	281.7	287.0	287.9	286.1	283.9	281.7
142.5°	282.4	282.3	282.0	282.1	281.8	281.9	288.1	289.3	287.8	285.8	284.4
145°	283.2	283.4	283.2	283.3	283.3	283.6	290.6	292.2	291.0	289.7	288.4
147.5°	284.3	284.3	284.2	284.3	284.4	285.0	292.4	294.2	293.4	292.3	291.3
150°	285.0	285.1	285.0	285.2	285.5	285.9	294.7	296.9	296.2	295.4	294.4
152.5°	284.3	284.3	284.3	284.5	284.6	285.1	295.9	298.5	297.9	296.9	296.4
155°	285.7	285.6	285.5	285.5	285.5	286.0	297.9	300.8	300.3	299.7	299.1
157.5°	289.3	288.9	288.5	288.4	288.4	288.4	301.2	304.5	303.8	303.3	302.8
160°	293.2	292.9	292.4	292.3	291.9	291.9	305.2	308.3	307.9	307.4	306.8
162.5°	297.7	297.8	297.4	297.2	297.0	297.1	310.4	313.9	313.2	312.6	312.0
165°	303.9	303.5	303.2	303.1	302.7	302.7	315.3	318.3	318.0	317.3	316.8
167.5°	310.2	310.2	309.7	309.7	309.4	309.6	321.3	324.2	323.9	323.2	322.8
170°	316.6	316.7	316.4	316.3	316.4	316.6	326.3	328.8	328.5	327.7	327.3
172.5°	322.2	322.4	322.5	322.4	322.5	322.7	330.9	333.2	332.9	332.4	331.8
175°	326.0	325.8	326.0	326.3	326.4	326.4	333.0	334.7	334.5	334.1	333.8
177.5°	330.3	330.3	330.5	330.6	330.8	331.0	335.0	335.9	335.8	335.8	335.6
180°	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2



TEST NUMBER: P1444627  
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**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2
2.5°	45606.8	45622.8	45625.2	45643.9	45642.4	45664.7	45661.1	45679.3	45668.7	45683.7	45671.0
5°	46678.0	46775.1	46825.9	46920.7	46950.8	47035.5	47059.5	47136.9	47140.1	47201.5	47187.5
7.5°	48192.4	48335.6	48420.6	48537.8	48597.1	48694.9	48737.8	48810.0	48833.3	48890.7	48895.1
10°	49096.7	49166.3	49214.8	49247.5	49277.4	49291.4	49307.7	49303.4	49307.7	49301.3	49315.4
12.5°	48741.1	48639.5	48572.4	48445.2	48371.5	48231.1	48162.0	48026.9	47977.8	47861.8	47845.1
15°	46939.6	46585.7	46335.7	45972.1	45743.6	45385.9	45176.6	44853.9	44706.4	44450.0	44382.7
17.5°	43656.1	42999.2	42490.9	41838.9	41386.3	40777.0	40393.7	39889.3	39613.0	39206.3	39065.4
20°	39052.7	38080.9	37318.4	36410.1	35760.1	34950.3	34431.7	33777.8	33398.2	32898.6	32696.0
22.5°	33648.3	32438.4	31486.1	30413.0	29628.8	28726.2	28105.1	27397.5	26984.5	26441.7	26201.4
25°	28077.9	26743.6	25684.9	24554.4	23725.8	22821.0	22199.7	21504.6	21077.2	20561.9	20323.1
27.5°	22750.4	21399.7	20376.6	19325.5	18565.4	17749.0	17188.4	16581.5	16202.2	15762.3	15537.7
30°	18048.9	16857.7	15987.0	15114.7	14482.3	13819.4	13353.5	12850.6	12517.8	12141.2	11927.1
32.5°	14218.6	13298.9	12617.2	11925.0	11407.5	10853.4	10450.9	10007.1	9706.7	9370.3	9176.5
35°	11260.9	10546.3	10002.5	9432.8	8988.1	8516.3	8161.6	7778.6	7509.0	7219.5	7052.1
37.5°	8897.3	8329.0	7881.6	7408.3	7043.1	6652.2	6520.5	6081.0	5801.6	5570.6	5410.5
40°	6982.6	6530.8	6160.6	5798.6	5500.8	5204.2	4966.3	4731.4	4551.2	4385.9	4271.5
42.5°	5452.8	5125.5	4855.1	4590.0	4372.7	4156.7	3984.3	3822.5	3701.1	3593.0	3519.3
45°	4334.8	4109.7	3921.7	3735.0	3581.7	3437.5	3321.5	3218.2	3139.9	3074.9	3028.9
47.5°	3561.2	3406.9	3274.4	3148.4	3044.4	2949.9	2872.2	2846.8	2762.6	2705.7	2684.1
50°	3026.5	2933.4	2832.7	2739.8	2670.2	2601.1	2550.7	2501.3	2469.7	2443.6	2435.7
52.5°	2627.4	2556.3	2500.3	2441.4	2395.5	2346.3	2311.5	2278.6	2261.3	2247.6	2245.9
55°	2330.8	2280.9	2243.9	2204.4	2176.9	2148.0	2130.1	2112.7	2105.1	2098.1	2098.6
57.5°	2106.3	2073.0	2048.9	2023.3	2008.5	1994.6	1990.0	1985.7	1988.0	1989.0	1992.9
60°	1942.7	1921.0	1905.9	1891.2	1885.0	1880.6	1883.9	1887.8	1895.8	1902.2	1907.9
62.5°	1817.3	1805.0	1797.6	1789.7	1789.0	1789.3	1796.1	1802.7	1812.6	1820.1	1825.6
65°	1688.3	1681.3	1678.9	1673.8	1676.4	1677.8	1686.0	1691.0	1700.9	1706.9	1714.0
67.5°	1557.9	1556.2	1557.8	1557.8	1562.3	1566.2	1574.0	1579.7	1588.1	1593.6	1599.2
70°	1461.6	1462.3	1465.9	1466.5	1471.5	1474.1	1480.9	1484.5	1492.2	1496.7	1503.7
72.5°	1368.0	1366.5	1367.3	1365.2	1366.8	1366.2	1369.9	1371.8	1378.1	1381.7	1390.1
75°	1268.3	1264.1	1263.1	1258.6	1258.7	1255.5	1257.0	1256.8	1261.0	1262.8	1268.8
77.5°	1147.9	1140.8	1137.5	1129.9	1129.7	1126.9	1129.9	1131.7	1139.1	1142.7	1149.6
80°	1003.9	992.8	987.7	978.9	980.4	979.9	987.4	992.9	1002.0	1003.7	1012.4
82.5°	834.3	823.1	817.6	809.1	811.1	811.3	818.0	819.2	827.1	830.5	840.6
85°	597.4	601.7	589.9	590.6	588.1	592.8	597.4	603.1	609.7	620.7	629.1
87.5°	351.9	350.3	354.5	355.0	361.1	364.3	374.1	379.7	390.7	399.2	414.7
90°	154.4	149.0	152.5	150.9	157.0	155.5	161.0	158.4	165.0	165.8	174.4
92.5°	43.8	41.9	38.8	36.6	33.8	31.9	30.1	29.5	27.7	27.2	25.4
95°	58.4	54.8	51.1	47.3	43.7	40.0	38.6	37.2	36.0	34.6	33.2
97.5°	67.7	63.7	59.7	55.7	51.7	47.7	46.9	46.0	45.0	44.1	43.2
100°	96.1	88.3	80.6	72.8	65.1	57.5	56.8	56.0	55.3	54.6	53.8
102.5°	189.9	172.0	154.4	136.7	119.2	101.4	98.3	95.3	92.1	89.1	86.0
105°	344.5	316.1	287.9	259.5	231.4	203.0	194.7	185.9	177.6	169.1	160.8
107.5°	490.9	463.2	435.6	408.0	380.4	352.8	339.4	326.1	312.6	299.3	286.0
110°	565.1	548.3	531.8	514.7	498.2	481.6	468.5	456.0	443.0	430.2	417.6



TEST NUMBER: P1444627  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL15

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	574.6	566.1	557.2	548.7	540.4	531.7	525.4	519.0	512.8	506.5	500.0
115°	536.7	533.7	530.5	527.6	524.6	521.5	520.8	520.3	519.4	518.8	518.4
117.5°	473.3	473.2	472.9	472.9	473.0	473.0	475.9	478.7	481.8	485.0	488.2
120°	410.6	412.1	413.4	415.1	416.7	418.4	422.1	426.2	430.0	434.6	438.8
122.5°	359.2	359.9	360.4	361.4	362.1	362.9	366.5	370.4	374.2	378.4	382.5
125°	320.8	319.9	319.0	318.1	317.1	316.6	319.1	322.1	325.1	328.5	331.5
127.5°	296.5	294.3	292.2	290.3	288.1	286.3	287.4	288.9	290.1	291.7	293.3
130°	283.6	280.8	277.7	275.1	272.0	269.3	269.1	269.1	269.1	269.3	269.5
132.5°	278.3	275.2	272.0	268.8	265.6	262.5	261.4	260.3	259.1	258.5	257.8
135°	276.4	273.8	270.4	267.4	264.1	261.4	259.7	258.1	256.7	255.4	254.2
137.5°	277.3	274.7	272.1	269.6	266.8	264.3	262.2	260.7	258.8	257.7	256.0
140°	279.5	277.4	274.9	272.8	270.3	268.4	266.5	265.1	263.5	262.3	260.9
142.5°	282.3	280.6	278.7	277.0	275.0	273.4	271.7	270.3	268.8	267.6	266.2
145°	286.9	285.7	284.3	282.8	281.4	280.0	278.5	277.4	276.1	274.9	274.1
147.5°	290.3	289.2	288.1	287.0	285.7	284.6	283.4	282.8	281.4	280.7	279.8
150°	293.3	292.4	291.3	290.6	289.3	288.4	287.4	286.7	285.7	285.4	284.4
152.5°	295.3	294.6	293.6	292.9	291.7	290.9	290.1	289.5	288.8	288.2	287.1
155°	298.2	297.5	296.7	296.1	295.0	294.5	293.7	292.8	292.1	291.4	290.7
157.5°	302.1	301.5	300.6	300.1	299.1	298.4	297.7	297.0	296.3	295.7	294.9
160°	306.2	305.6	304.8	304.1	303.4	302.7	301.9	301.2	300.3	299.7	298.8
162.5°	311.2	310.5	309.9	309.1	308.1	307.6	306.7	306.1	305.4	304.7	303.8
165°	316.1	315.4	314.7	314.0	313.5	312.9	312.0	311.4	310.4	309.8	308.8
167.5°	322.1	321.6	320.9	320.4	319.6	318.9	318.4	317.6	316.8	316.0	315.1
170°	326.9	326.2	325.7	324.9	324.3	323.6	323.0	322.2	321.4	321.0	320.1
172.5°	331.4	331.2	330.6	330.2	329.5	329.0	328.6	328.0	327.4	326.7	326.4
175°	333.6	333.5	333.3	332.8	332.6	332.2	331.9	331.7	331.4	331.2	330.7
177.5°	335.6	335.4	335.4	335.2	335.0	335.0	334.7	334.6	334.4	334.1	334.0
180°	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2



TEST NUMBER: P1444627  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL15

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2
2.5°	45684.2	45672.6	45678.1	45656.7	45661.8	45636.0	45633.6	45604.4	45601.6	45574.1	45563.8
5°	47231.0	47205.6	47234.2	47189.5	47198.3	47140.1	47135.2	47060.0	47034.0	46939.9	46899.3
7.5°	48930.9	48921.4	48938.9	48901.5	48900.3	48848.3	48826.9	48759.4	48717.6	48618.8	48555.7
10°	49303.4	49312.1	49297.8	49301.3	49281.1	49275.5	49254.8	49241.6	49207.7	49182.1	49144.4
12.5°	47756.9	47766.1	47707.2	47744.6	47715.1	47784.1	47778.5	47859.8	47872.3	47975.2	48014.2
15°	44182.8	44171.7	44058.5	44129.8	44091.5	44243.0	44276.9	44480.6	44589.6	44851.2	45011.9
17.5°	38783.6	38754.4	38595.0	38681.8	38637.6	38861.0	38935.8	39261.8	39465.0	39886.5	40186.9
20°	32347.4	32291.6	32105.1	32206.8	32161.2	32414.9	32521.8	32915.7	33177.7	33736.1	34133.2
22.5°	25831.3	25743.1	25560.5	25655.4	25612.4	25875.2	26014.3	26409.4	26709.7	27282.8	27746.5
25°	19979.9	19901.4	19724.7	19791.1	19775.1	19997.4	20121.3	20495.0	20790.0	21336.0	21778.5
27.5°	15239.2	15157.3	14997.8	15044.9	15028.7	15218.0	15334.7	15647.0	15900.8	16360.4	16749.0
30°	11663.4	11564.7	11429.4	11455.3	11444.2	11597.8	11706.7	11969.7	12187.2	12575.6	12910.4
32.5°	8939.9	8840.8	8716.4	8728.6	8712.2	8832.6	8922.4	9151.1	9340.7	9670.9	9962.4
35°	6840.3	6956.1	6690.7	6858.9	6683.7	6940.8	6848.3	6991.3	7154.3	7432.6	7675.6
37.5°	5258.5	5177.8	5109.4	5102.2	5101.9	5161.4	5231.7	5369.3	5513.0	5720.4	5934.5
40°	4167.1	4110.4	4066.2	4063.1	4066.2	4108.6	4160.5	4255.7	4360.9	4509.8	4667.2
42.5°	3456.2	3418.6	3392.0	3390.1	3398.6	3428.5	3464.7	3521.2	3589.6	3686.1	3794.1
45°	2991.4	2970.5	2955.7	2954.8	2958.7	2974.3	2995.1	3030.3	3073.7	3134.0	3202.2
47.5°	2665.2	2660.1	2650.9	2651.2	2646.9	2653.4	2655.8	2675.5	2698.6	2744.0	2833.2
50°	2427.7	2427.7	2421.3	2421.0	2414.9	2414.5	2409.5	2417.3	2428.1	2456.2	2484.8
52.5°	2240.0	2239.3	2232.4	2231.0	2224.7	2224.3	2219.9	2223.0	2224.5	2238.6	2255.7
55°	2093.2	2088.9	2079.8	2076.9	2074.4	2078.1	2076.4	2076.5	2074.7	2080.7	2085.7
57.5°	1988.0	1982.3	1973.7	1971.1	1970.5	1974.9	1975.1	1973.5	1965.6	1960.2	1952.6
60°	1904.7	1898.9	1889.7	1887.3	1888.7	1894.7	1894.4	1889.3	1877.5	1867.2	1855.3
62.5°	1822.9	1820.6	1815.8	1815.2	1814.0	1815.0	1810.7	1805.3	1793.7	1782.7	1769.8
65°	1713.1	1714.3	1710.7	1711.2	1707.0	1706.3	1699.9	1694.7	1682.9	1672.9	1659.7
67.5°	1599.1	1599.9	1597.1	1597.1	1594.8	1595.2	1591.3	1586.5	1576.5	1568.4	1558.1
70°	1505.1	1507.5	1505.8	1506.3	1503.7	1502.6	1496.5	1491.8	1481.6	1474.8	1465.5
72.5°	1392.7	1397.7	1397.5	1398.8	1394.6	1392.7	1385.4	1379.5	1370.2	1364.8	1357.4
75°	1271.2	1277.7	1279.6	1282.5	1276.8	1273.7	1265.8	1261.0	1253.5	1250.3	1245.4
77.5°	1152.6	1159.9	1166.8	1173.2	1163.9	1155.7	1145.7	1138.2	1127.4	1123.1	1115.6
80°	1019.6	1032.4	1047.7	1060.6	1043.9	1027.0	1010.7	998.5	984.1	978.3	968.8
82.5°	845.8	859.0	867.7	876.0	864.4	852.1	836.2	825.6	810.1	804.4	793.4
85°	642.6	659.0	664.2	668.5	661.2	654.6	639.8	619.6	609.9	594.6	586.6
87.5°	422.7	432.5	434.3	435.8	431.3	428.1	418.5	409.0	392.3	380.1	365.3
90°	173.5	179.5	175.1	177.1	171.9	173.1	163.9	161.3	148.2	143.6	131.9
92.5°	24.7	23.0	21.9	20.6	22.6	23.1	24.9	25.4	27.1	27.7	29.5
95°	31.8	30.5	29.2	27.8	28.9	30.0	31.0	32.1	33.2	34.3	35.4
97.5°	42.3	41.4	40.5	39.6	40.2	40.9	41.5	42.1	42.7	43.4	44.1
100°	53.1	52.5	51.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
102.5°	83.0	79.9	76.8	73.8	75.8	77.9	80.0	82.0	84.2	86.2	88.5
105°	152.4	144.0	135.6	127.2	135.4	143.4	151.6	159.7	167.8	176.2	184.4
107.5°	272.6	259.3	246.1	232.8	247.8	262.6	277.4	292.1	307.0	321.7	336.8
110°	405.0	392.3	379.7	367.1	382.8	398.5	414.2	429.9	445.8	461.5	477.5



TEST NUMBER: P1444627  
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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°	493.8	487.7	481.5	475.4	485.5	495.7	505.8	516.3	526.3	536.6	546.7
115°	517.9	517.5	517.2	516.8	521.6	526.4	531.1	536.1	541.0	545.9	551.0
117.5°	491.3	494.6	498.0	501.5	503.0	504.5	506.3	507.7	509.6	511.3	513.1
120°	443.2	447.2	451.8	456.5	455.9	455.2	454.8	454.2	454.0	453.6	453.7
122.5°	386.8	391.0	395.7	400.1	398.7	397.3	396.3	395.1	394.2	393.2	392.4
125°	335.3	338.6	342.3	346.1	344.7	343.3	342.1	341.2	340.3	339.2	338.8
127.5°	295.5	297.4	299.4	301.7	301.1	300.4	300.3	299.8	299.7	299.7	300.0
130°	270.0	270.7	271.7	272.4	272.6	272.8	273.4	273.9	274.7	275.4	276.6
132.5°	257.7	257.3	257.3	257.2	257.8	258.6	259.8	260.9	262.5	263.7	265.8
135°	253.4	252.6	252.1	251.7	252.7	253.6	255.0	256.5	258.3	260.3	262.4
137.5°	255.1	254.0	253.4	252.4	253.5	254.6	256.0	257.5	259.2	261.2	263.4
140°	259.9	258.9	258.4	257.6	258.6	259.5	261.0	262.4	264.1	266.1	268.2
142.5°	265.4	264.1	263.6	263.1	263.7	264.7	266.2	267.4	269.1	270.6	272.6
145°	273.1	272.1	271.7	271.1	271.6	272.4	273.3	274.3	275.5	276.6	278.3
147.5°	279.1	278.4	278.1	277.5	278.1	278.5	279.2	279.7	280.8	281.6	282.9
150°	284.2	283.4	283.0	282.7	283.0	283.1	283.7	283.9	284.5	285.1	286.1
152.5°	286.9	286.1	286.1	285.7	285.7	285.8	286.2	286.5	286.9	287.3	288.3
155°	290.3	289.8	289.3	288.8	288.6	288.5	288.7	288.6	288.8	288.9	289.2
157.5°	294.5	293.9	293.5	292.8	292.6	292.2	292.1	291.9	291.9	291.4	291.5
160°	298.4	297.4	296.8	296.3	296.1	295.6	295.6	295.1	295.1	295.0	294.9
162.5°	303.3	302.6	302.1	301.5	301.2	300.5	300.1	299.5	299.1	298.8	298.6
165°	308.0	307.4	306.7	305.8	305.5	305.1	304.7	304.3	304.1	303.6	303.6
167.5°	314.7	313.7	313.2	312.4	312.0	311.2	310.9	310.3	310.0	309.5	309.4
170°	319.7	318.9	318.6	318.0	317.6	317.1	316.9	316.4	316.2	316.1	316.1
172.5°	326.0	325.3	324.9	324.5	324.2	323.9	323.7	323.5	323.2	323.2	323.0
175°	330.5	330.2	330.0	329.8	329.5	329.4	329.1	329.0	328.9	328.7	328.6
177.5°	333.5	333.3	333.2	333.1	332.9	332.9	332.9	332.9	332.9	332.7	332.6
180°	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2



TEST NUMBER: P1444627  
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**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2
2.5°	45534.3	45522.3	45490.8	45475.3	45446.1	45431.4	45408.7	45393.9	45375.6	45361.9	45354.8
5°	46795.8	46737.7	46621.0	46549.1	46423.2	46340.2	46215.0	46123.3	45994.0	45898.7	45776.6
7.5°	48437.3	48347.9	48198.4	48085.1	47908.9	47774.1	47576.3	47418.0	47199.5	47018.0	46794.7
10°	49105.6	49053.4	48986.3	48913.4	48815.8	48719.9	48584.9	48447.3	48263.8	48081.3	47842.8
12.5°	48117.9	48166.9	48263.8	48308.9	48383.0	48408.2	48442.0	48426.1	48396.2	48321.6	48213.5
15°	45320.6	45525.5	45849.3	46073.3	46387.2	46607.6	46899.3	47087.0	47303.2	47432.4	47555.1
17.5°	40719.2	41115.5	41686.9	42142.8	42754.8	43252.5	43862.2	44341.1	44894.3	45318.6	45770.2
20°	34825.4	35380.5	36169.3	36839.3	37726.1	38478.1	39441.5	40248.6	41190.1	41974.8	42821.8
22.5°	28482.1	29135.1	30039.0	30847.0	31906.0	32851.9	34059.0	35126.1	36398.8	37539.0	38800.3
25°	22498.0	23138.0	24058.7	24895.4	26038.6	27080.6	28399.3	29623.6	31100.5	32477.8	34059.0
27.5°	17366.3	17934.7	18744.1	19497.2	20544.3	21567.2	22905.6	24211.0	25787.0	27267.2	28971.1
30°	13411.7	13872.8	14521.3	15127.2	15967.7	16804.3	17996.4	19203.7	20771.9	22305.8	24052.8
32.5°	10393.7	10786.8	11328.2	11820.1	12467.7	13098.5	13976.3	14941.1	16316.7	17785.9	19475.1
35°	8045.8	8382.2	8843.0	9266.6	9799.3	10300.1	10955.2	11643.7	12693.5	13929.3	15441.0
37.5°	6414.6	6551.7	6880.6	7227.7	7670.1	8081.6	8594.1	9103.2	9854.2	10829.3	12064.2
40°	4878.2	5096.0	5363.6	5637.0	5972.0	6302.1	6864.3	7134.9	7629.5	8329.4	9287.9
42.5°	3936.1	4089.2	4277.6	4467.7	4701.1	4931.0	5215.4	5505.0	5874.7	6348.8	7030.6
45°	3293.8	3393.7	3515.1	3641.8	3795.0	3951.9	4142.4	4341.2	4591.7	4883.1	5297.1
47.5°	2864.7	2919.9	2999.2	3085.6	3190.7	3299.4	3423.1	3549.9	3705.5	3878.4	4114.2
50°	2529.8	2575.8	2637.4	2695.2	2767.8	2879.1	2928.2	2998.1	3091.7	3193.5	3325.3
52.5°	2287.4	2318.1	2356.7	2390.0	2435.9	2477.5	2532.1	2580.3	2645.2	2706.2	2791.3
55°	2098.6	2109.8	2131.7	2153.2	2184.9	2213.4	2250.8	2282.3	2323.7	2360.2	2413.9
57.5°	1953.0	1953.9	1964.1	1975.2	1995.6	2013.5	2039.3	2060.0	2088.7	2112.0	2144.2
60°	1848.2	1842.7	1844.6	1848.5	1860.0	1871.6	1888.1	1901.7	1919.7	1932.8	1950.9
62.5°	1761.0	1752.2	1750.2	1749.2	1754.9	1759.2	1768.1	1774.7	1785.0	1790.7	1800.3
65°	1650.9	1640.6	1636.6	1631.8	1633.5	1632.2	1635.5	1635.7	1640.9	1642.1	1647.7
67.5°	1551.0	1542.4	1537.2	1530.8	1527.9	1523.3	1521.4	1516.9	1516.2	1512.6	1511.7
70°	1460.0	1451.5	1447.1	1441.2	1438.2	1432.1	1428.4	1421.0	1416.6	1409.7	1405.8
72.5°	1354.6	1349.8	1348.5	1344.4	1343.4	1340.0	1338.6	1333.2	1330.2	1324.3	1321.0
75°	1244.4	1240.5	1240.1	1236.1	1235.8	1231.8	1230.7	1225.2	1222.2	1216.4	1213.9
77.5°	1113.2	1107.4	1105.8	1101.0	1102.2	1100.2	1101.9	1097.7	1095.8	1089.9	1088.1
80°	965.4	958.0	955.0	948.7	950.5	947.5	950.5	950.1	952.2	947.5	946.7
82.5°	790.3	782.3	780.7	776.4	779.2	779.5	785.8	782.4	783.8	779.3	781.2
85°	575.1	569.0	560.6	559.4	554.1	559.6	552.3	557.2	549.3	554.9	547.5
87.5°	356.6	344.1	337.5	328.6	325.1	316.6	313.1	306.8	308.6	305.8	307.5
90°	129.8	119.4	117.5	109.1	108.7	101.6	102.8	97.8	100.0	94.8	97.4
92.5°	30.1	31.2	33.3	36.0	37.7	39.9	41.9	44.6	46.4	48.9	50.7
95°	36.4	37.5	40.4	43.3	46.2	49.0	52.1	54.9	57.8	60.7	63.6
97.5°	44.8	45.4	48.2	51.2	54.0	57.0	59.8	63.2	66.0	69.0	71.8
100°	51.0	51.2	59.4	67.6	75.8	84.2	92.4	100.6	109.1	117.3	125.5
102.5°	90.6	92.6	113.4	134.2	155.0	175.7	196.7	217.6	238.4	259.4	280.3
105°	192.4	200.8	232.4	264.3	296.0	327.8	359.6	391.6	423.5	455.4	487.2
107.5°	351.6	366.6	395.4	424.1	452.8	481.7	510.6	539.4	568.2	597.1	626.3
110°	493.2	509.1	528.5	547.8	567.4	586.7	606.1	625.5	645.3	664.6	684.5



TEST NUMBER: P1444627  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL15

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	557.0	567.5	578.7	590.3	601.7	613.3	624.8	636.4	648.2	659.9	671.6
115°	556.1	561.3	565.6	570.5	575.1	579.9	584.8	589.9	595.0	599.9	604.9
117.5°	514.8	517.1	518.0	519.1	520.2	521.8	523.0	524.5	526.1	527.6	528.9
120°	453.3	453.2	453.0	453.0	452.7	452.8	452.9	453.1	453.3	453.6	453.7
122.5°	391.5	390.9	390.8	390.9	390.9	391.2	391.5	392.1	392.3	392.8	393.1
125°	338.1	337.7	339.1	340.6	342.1	343.9	345.4	347.4	349.2	351.1	352.9
127.5°	300.0	300.6	303.1	305.8	308.4	311.4	314.2	317.3	319.9	323.2	325.8
130°	277.8	279.2	282.1	285.6	288.8	292.3	295.8	299.5	302.6	306.2	309.5
132.5°	267.4	269.6	272.5	275.9	279.1	282.5	285.9	289.4	292.7	296.4	299.4
135°	264.6	267.1	270.0	273.2	276.2	279.7	282.7	286.1	289.0	292.3	295.3
137.5°	265.5	268.0	270.7	273.4	275.9	279.0	281.5	284.4	286.9	289.8	292.3
140°	270.2	272.7	274.4	276.6	278.6	280.5	282.3	284.6	286.3	288.5	290.3
142.5°	274.4	276.8	277.9	279.6	280.9	282.9	284.4	286.0	287.2	288.7	290.0
145°	279.8	281.6	282.3	283.3	284.2	285.2	285.8	286.8	287.4	288.2	288.8
147.5°	284.1	285.5	285.6	286.4	287.0	287.4	288.0	288.5	288.8	289.4	289.8
150°	286.7	287.8	287.8	288.3	288.3	288.6	288.6	288.9	288.8	289.2	289.2
152.5°	288.7	289.5	289.1	289.5	289.2	289.2	289.0	289.2	288.9	289.0	289.1
155°	289.3	289.6	289.4	289.4	289.2	289.2	289.1	289.4	289.4	289.3	289.5
157.5°	291.5	291.4	291.3	291.2	291.0	291.0	291.0	291.1	291.1	291.6	291.8
160°	294.6	294.6	294.3	294.2	294.1	294.0	294.0	294.3	294.4	294.9	295.2
162.5°	298.1	297.9	297.6	297.5	297.4	297.5	297.7	298.1	298.2	298.6	299.0
165°	303.5	303.6	303.1	303.2	303.0	303.0	303.0	303.2	303.5	303.8	304.1
167.5°	309.2	309.1	309.1	309.2	309.2	309.4	309.6	310.3	310.4	311.1	311.3
170°	315.9	316.1	315.8	315.9	315.8	315.8	315.9	316.0	316.2	316.5	316.5
172.5°	323.0	323.0	322.8	322.6	322.4	322.4	322.3	322.4	322.2	322.2	322.0
175°	328.3	328.2	328.1	328.0	327.9	327.6	327.6	327.2	327.1	327.0	326.9
177.5°	332.4	332.0	331.9	331.9	331.7	331.5	331.5	331.3	331.3	331.3	331.0
180°	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2



TEST NUMBER: P1444627  
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**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2
2.5°	45345.7	45345.2	45340.8	45342.9	45343.6	45346.9	45350.8	45354.8	45355.6	45358.9	45359.6
5°	45685.1	45572.9	45489.9	45398.7	45330.0	45268.3	45227.1	45194.4	45181.8	45185.0	45192.6
7.5°	46605.3	46373.8	46182.6	45965.4	45784.2	45592.5	45433.4	45282.3	45172.1	45090.0	45044.1
10°	47615.1	47333.1	47063.2	46748.8	46450.6	46132.3	45844.1	45553.9	45311.8	45101.7	44947.3
12.5°	48063.2	47863.9	47630.6	47333.9	47014.8	46647.6	46276.7	45879.2	45509.5	45166.2	44889.4
15°	47588.7	47589.1	47504.1	47361.7	47140.1	46846.6	46493.3	46078.9	45642.7	45197.7	44791.0
17.5°	46082.6	46366.8	46524.8	46624.8	46594.2	46486.0	46261.2	45942.9	45536.3	45062.2	44566.0
20°	43496.2	44166.4	44644.3	45074.0	45314.9	45474.9	45458.9	45329.4	45039.7	44636.7	44119.9
22.5°	39872.9	40997.9	41885.6	42713.4	43293.9	43766.2	43990.7	44085.9	43954.8	43674.0	43188.7
25°	35472.2	37001.8	38307.1	39573.9	40524.2	41340.9	41831.6	42177.4	42204.9	42058.1	41625.2
27.5°	30582.2	32387.7	34039.8	35723.4	37059.7	38233.7	39004.0	39567.8	39747.0	39723.3	39330.2
30°	25698.4	27593.9	29414.9	31378.1	33031.7	34531.6	35549.1	36311.7	36605.5	36661.8	36283.7
32.5°	21086.2	22955.3	24771.3	26823.8	28643.4	30362.4	31564.6	32470.4	32812.0	32892.6	32477.8
35°	16900.3	18624.7	20350.5	22339.7	24148.9	25929.0	27195.8	28144.0	28463.1	28516.9	28036.8
37.5°	13270.4	14739.6	16243.3	18028.1	19689.7	21361.4	22565.0	23456.2	23688.6	23674.3	23130.9
40°	10214.0	11356.2	12564.5	14033.9	15415.2	16828.5	17844.9	18581.6	18703.7	18613.2	18042.3
42.5°	7680.3	8505.4	9381.3	10478.2	11503.1	12560.8	13300.2	13847.2	13864.6	13721.5	13209.1
45°	5721.9	6526.7	6894.1	7557.3	8217.4	8920.8	9372.2	9710.0	9657.8	9531.9	9142.6
47.5°	4361.9	4671.2	4999.3	5410.5	5795.1	6593.2	6534.0	7076.5	6685.8	6952.3	6365.7
50°	3463.8	3636.7	3813.5	4031.7	4232.5	4441.2	4571.6	4668.9	4656.3	4614.4	4502.1
52.5°	2946.8	3000.4	3087.4	3211.5	3323.6	3436.5	3510.7	3571.1	3572.3	3555.4	3498.6
55°	2463.0	2530.7	2593.3	2674.4	2812.7	2833.9	2940.3	2918.7	2927.1	2897.6	2927.8
57.5°	2171.5	2211.0	2246.3	2294.5	2334.5	2381.0	2408.5	2435.0	2432.4	2426.7	2397.7
60°	1965.0	1986.9	2006.4	2034.6	2056.5	2082.8	2095.5	2109.0	2104.5	2094.8	2069.0
62.5°	1805.8	1819.6	1830.7	1848.8	1862.2	1878.6	1885.1	1890.9	1885.1	1875.9	1853.1
65°	1648.9	1657.6	1664.7	1678.3	1687.8	1701.8	1707.4	1712.8	1707.5	1700.3	1682.9
67.5°	1507.2	1508.0	1507.3	1512.9	1515.8	1524.2	1526.8	1530.6	1524.5	1518.3	1503.7
70°	1399.7	1397.5	1394.8	1397.0	1397.5	1401.6	1402.3	1401.6	1394.3	1383.5	1367.5
72.5°	1315.8	1314.6	1312.5	1314.4	1314.4	1318.1	1316.9	1315.1	1306.1	1295.6	1279.8
75°	1207.8	1206.9	1202.9	1203.1	1199.7	1200.8	1196.5	1194.0	1184.0	1175.2	1161.1
77.5°	1081.5	1079.4	1073.5	1071.4	1064.9	1062.2	1054.0	1050.0	1039.8	1032.8	1020.6
80°	940.4	938.3	930.7	926.5	916.4	909.9	897.8	890.8	879.2	872.4	860.5
82.5°	777.4	778.2	770.6	765.4	750.9	739.8	723.5	714.8	701.9	695.3	683.1
85°	552.8	545.0	549.2	548.8	539.8	530.1	517.0	507.6	496.8	490.5	481.9
87.5°	303.2	305.1	302.9	301.1	294.7	289.8	279.5	274.1	266.2	262.3	255.9
90°	89.2	88.8	81.0	80.8	73.3	70.3	61.5	59.7	51.7	50.4	44.6
92.5°	48.2	45.8	43.8	41.0	38.9	36.4	34.1	31.6	29.2	28.0	27.6
95°	60.0	56.7	53.2	49.7	46.2	42.6	39.4	35.9	32.3	31.6	30.8
97.5°	67.9	63.7	59.5	55.5	51.4	47.2	43.2	39.1	35.0	34.5	34.1
100°	116.2	106.8	97.2	87.7	78.2	68.7	59.3	49.7	40.4	39.8	39.3
102.5°	257.2	234.2	211.1	188.1	165.2	142.0	119.1	95.9	72.9	69.5	66.2
105°	452.2	417.3	382.7	347.8	312.9	277.9	243.2	208.0	173.2	162.0	150.7
107.5°	593.6	560.8	528.2	495.5	462.7	430.1	397.2	364.4	331.5	311.9	292.2
110°	658.5	632.7	607.0	581.1	555.4	529.5	503.5	477.6	451.7	434.8	418.2



TEST NUMBER: P1444627  
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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°	652.8	634.2	615.6	596.7	578.0	559.1	540.4	521.5	502.5	492.5	482.4
115°	594.1	583.0	572.1	561.0	550.0	538.9	527.9	516.4	505.2	500.1	495.1
117.5°	523.9	518.6	513.5	508.2	502.9	497.4	492.2	486.7	481.3	479.8	478.4
120°	453.1	452.1	450.9	449.9	448.7	447.6	446.4	445.2	443.8	444.7	445.5
122.5°	394.9	396.3	398.1	399.3	401.0	402.2	403.9	404.9	406.3	408.5	410.7
125°	355.7	358.2	360.8	363.3	365.9	368.6	371.1	373.4	376.1	378.1	380.6
127.5°	329.2	331.8	334.9	337.6	340.7	343.4	346.3	348.8	351.7	353.8	356.4
130°	312.5	314.9	317.8	320.2	323.0	325.6	328.2	330.8	333.4	335.5	337.7
132.5°	302.0	304.5	307.2	309.4	312.2	314.4	317.1	319.4	322.3	324.0	325.9
135°	297.6	299.6	301.9	303.7	306.2	308.0	310.2	312.6	314.9	316.5	318.4
137.5°	294.3	296.0	298.0	299.7	301.9	303.5	305.8	307.6	310.0	311.2	313.1
140°	292.0	293.9	295.7	297.4	299.5	301.3	303.5	305.5	307.8	309.1	310.8
142.5°	291.6	292.9	294.6	296.0	297.8	299.2	301.3	303.1	305.2	306.7	308.1
145°	290.5	291.9	293.6	295.1	296.6	298.5	300.7	302.7	304.8	306.1	307.5
147.5°	291.0	292.2	293.7	295.2	296.6	298.0	300.1	301.9	303.8	305.1	306.4
150°	290.6	291.7	293.0	294.4	296.0	297.7	299.5	301.4	303.6	304.9	306.1
152.5°	290.3	291.5	292.9	294.5	296.1	297.8	299.7	301.7	303.6	304.7	306.2
155°	290.9	291.9	293.5	295.1	296.7	298.2	300.1	302.0	303.8	305.1	306.3
157.5°	293.1	294.1	295.6	297.0	298.5	300.1	301.9	303.3	305.1	306.2	307.2
160°	296.5	297.4	298.9	300.2	301.7	302.9	304.6	305.9	307.5	308.5	309.5
162.5°	300.3	301.5	302.8	303.8	305.5	306.8	308.4	309.6	311.2	312.0	313.1
165°	305.2	306.2	307.5	308.3	309.4	310.4	311.8	312.8	314.1	314.7	315.8
167.5°	312.5	313.1	313.7	314.5	315.7	316.5	317.6	318.4	319.4	320.2	321.0
170°	317.4	318.0	318.5	319.3	320.1	320.9	321.6	322.2	323.4	324.0	324.7
172.5°	322.5	322.7	323.5	323.8	324.3	324.5	325.3	325.8	326.3	327.1	327.6
175°	327.3	327.4	327.7	327.8	328.0	328.2	328.7	329.1	329.4	329.8	330.0
177.5°	331.1	331.2	331.3	331.4	331.8	331.9	332.2	332.3	332.6	332.9	333.3
180°	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2



TEST NUMBER: P1444627  
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**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2
2.5°	45358.0	45357.5	45356.0	45354.0	45352.0	45353.2	45355.1	45360.3	45369.5	45382.6	45399.8
5°	45198.9	45208.1	45213.3	45214.0	45209.3	45206.4	45210.7	45223.2	45248.4	45290.6	45347.6
7.5°	45031.9	45043.3	45060.8	45074.0	45076.6	45073.3	45074.0	45093.6	45139.9	45222.0	45337.3
10°	44853.6	44819.7	44837.6	44870.3	44896.2	44900.9	44904.2	44927.3	44995.0	45119.2	45304.3
12.5°	44689.0	44581.7	44561.0	44590.4	44629.9	44642.6	44639.1	44649.0	44728.4	44892.7	45150.5
15°	44472.4	44270.5	44201.5	44209.1	44257.8	44275.4	44262.5	44243.0	44320.4	44521.0	44854.8
17.5°	44121.9	43796.4	43669.5	43663.9	43721.0	43736.1	43704.8	43644.1	43720.3	43970.6	44385.0
20°	43589.1	43108.6	42869.8	42831.8	42893.7	42875.7	42813.1	42721.4	42821.5	43125.8	43618.6
22.5°	42631.3	42022.4	41614.4	41482.8	41556.9	41507.5	41416.2	41299.0	41432.1	41777.9	42326.7
25°	41066.1	40362.6	39804.0	39490.6	39549.7	39461.1	39361.8	39219.7	39378.5	39775.3	40379.4
27.5°	38765.5	37952.9	37260.7	36741.9	36761.0	36645.0	36530.5	36346.8	36544.9	37014.6	37696.0
30°	35706.3	34766.1	33923.1	33218.0	33154.9	33042.5	32925.3	32684.0	32932.0	33494.3	34290.6
32.5°	31864.5	30820.6	29846.5	28955.1	28786.9	28677.1	28572.7	28295.1	28619.8	29275.4	30190.2
35°	27371.7	26259.5	25203.6	24185.5	23906.9	23797.1	23705.8	23439.8	23845.0	24558.4	25546.4
37.5°	22440.2	21304.0	20255.7	19211.7	18818.0	18669.1	18602.8	18428.5	18895.9	19601.6	20593.7
40°	17377.5	16321.1	15381.2	14459.0	14010.2	13782.4	13747.7	13715.9	14167.8	14780.0	15680.5
42.5°	12641.4	11789.2	11064.4	10359.6	9952.9	9641.8	9641.6	9736.0	10142.8	10601.4	11295.8
45°	8744.4	8172.6	7710.7	7239.8	7365.6	6745.3	7109.8	6922.7	7123.8	7419.4	7871.0
47.5°	6011.0	5698.8	5445.1	5182.0	4990.2	4807.1	4823.1	4941.2	5130.5	5306.0	5540.9
50°	4381.0	4221.9	4092.8	3956.1	3860.6	3779.9	3784.6	3835.7	3935.2	4027.6	4150.6
52.5°	3432.8	3345.1	3274.9	3199.4	3149.3	3109.1	3111.3	3136.1	3189.9	3242.7	3313.2
55°	2829.5	2818.8	2727.6	2659.8	2634.0	2607.0	2611.9	2621.7	2658.2	2689.2	2735.8
57.5°	2371.0	2330.1	2302.8	2267.0	2250.6	2231.7	2236.0	2239.7	2264.2	2284.9	2318.5
60°	2047.4	2018.4	1999.0	1974.7	1963.9	1951.9	1954.6	1956.8	1972.5	1986.0	2010.1
62.5°	1832.3	1806.4	1789.5	1770.8	1763.2	1755.1	1757.0	1757.6	1767.4	1777.3	1795.6
65°	1667.4	1646.8	1632.8	1616.6	1608.7	1600.2	1601.1	1601.1	1609.4	1616.6	1630.3
67.5°	1493.0	1477.4	1468.4	1455.5	1450.1	1441.6	1441.4	1438.6	1444.0	1447.0	1456.2
70°	1353.0	1337.4	1325.7	1313.4	1306.6	1299.1	1299.2	1299.4	1305.6	1312.2	1324.2
72.5°	1266.5	1251.5	1241.2	1230.4	1224.0	1217.5	1216.4	1215.8	1220.3	1223.8	1231.8
75°	1151.9	1140.0	1133.9	1123.8	1118.7	1111.4	1110.3	1106.9	1109.1	1109.8	1115.7
77.5°	1013.0	1001.7	996.8	986.5	982.3	974.0	973.3	969.6	971.4	970.1	974.7
80°	854.6	844.4	841.6	833.2	831.2	823.5	822.4	817.8	819.2	815.7	817.4
82.5°	677.9	668.4	666.4	658.6	658.6	651.7	651.3	644.5	644.5	638.6	629.1
85°	477.5	470.6	467.7	461.3	459.4	453.9	451.0	444.4	442.0	437.8	436.5
87.5°	252.0	247.6	243.7	240.7	235.2	225.1	224.4	217.4	217.9	213.1	213.4
90°	44.0	38.8	38.4	33.6	32.9	29.7	29.3	28.7	29.0	28.6	29.1
92.5°	26.7	25.9	25.1	24.4	23.5	22.7	21.9	22.7	23.5	24.4	25.1
95°	30.2	29.5	28.7	28.0	27.3	26.5	25.8	26.5	27.3	28.1	28.8
97.5°	33.6	33.1	32.7	32.2	31.7	31.3	30.8	31.5	31.9	32.4	32.9
100°	38.7	38.2	37.6	37.1	36.5	36.0	35.5	36.3	36.8	37.4	37.9
102.5°	63.1	59.7	56.4	53.0	49.7	46.4	43.0	46.4	49.7	53.1	56.5
105°	139.5	128.4	117.1	105.8	94.6	83.3	72.0	83.5	94.8	106.0	117.4
107.5°	272.4	252.8	233.0	213.4	193.3	173.7	153.8	173.9	193.7	213.5	233.4
110°	401.0	384.0	367.0	350.1	332.9	316.0	298.8	316.1	333.2	350.4	367.5



TEST NUMBER: P1444627  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL15

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	472.1	462.0	451.7	441.6	431.1	421.0	410.5	421.3	431.7	442.4	452.6
115°	490.0	484.7	479.6	474.4	469.0	463.7	458.1	464.2	469.8	475.4	481.0
117.5°	476.8	475.4	473.8	472.2	470.4	468.8	467.0	469.2	471.3	473.7	475.4
120°	446.1	447.0	447.7	448.2	448.9	449.4	449.7	450.1	450.1	450.1	449.9
122.5°	412.8	414.9	416.8	418.7	420.6	422.5	424.0	423.2	422.0	421.0	419.4
125°	382.6	385.2	387.2	389.4	391.2	393.4	394.8	394.3	393.1	391.9	390.4
127.5°	358.5	360.7	362.8	365.1	366.8	368.6	370.1	369.6	368.6	367.7	366.3
130°	339.5	341.8	343.5	345.6	346.9	348.5	349.6	349.5	348.8	348.5	347.3
132.5°	327.7	329.8	331.4	333.2	334.4	335.8	336.6	336.9	336.6	336.3	335.4
135°	320.1	321.7	323.1	324.8	325.9	327.1	327.7	328.3	328.2	328.1	327.5
137.5°	314.3	316.0	317.3	318.5	319.4	320.2	320.7	321.4	321.6	322.1	321.8
140°	312.2	313.8	315.2	316.3	317.6	318.6	318.8	319.7	319.9	320.0	319.7
142.5°	309.7	311.2	312.6	313.8	314.8	315.8	316.3	317.0	317.2	317.3	317.1
145°	308.9	310.1	311.4	312.6	313.4	314.1	314.3	315.3	315.6	315.8	315.9
147.5°	307.6	309.0	310.0	311.1	311.8	312.6	313.0	313.6	313.9	314.2	314.4
150°	307.6	308.8	310.0	311.1	312.0	312.8	313.0	313.7	314.0	314.2	314.2
152.5°	307.3	308.3	309.5	310.4	311.3	311.9	312.3	313.0	313.5	313.9	314.0
155°	307.4	308.5	309.5	310.5	311.2	312.1	312.8	313.4	313.9	314.2	314.6
157.5°	308.1	309.3	310.2	311.2	311.9	312.9	313.5	314.4	314.9	315.6	315.9
160°	310.4	311.6	312.3	313.2	314.0	314.9	315.6	316.4	317.1	317.6	318.3
162.5°	313.8	314.9	315.4	316.4	317.3	318.1	318.7	319.6	320.3	320.9	321.5
165°	316.8	317.8	318.4	319.3	320.3	321.2	321.8	322.6	323.0	323.6	324.0
167.5°	321.8	322.8	323.3	324.2	324.7	325.7	326.5	327.1	327.5	327.9	328.3
170°	325.3	326.1	326.8	327.4	328.2	329.0	329.4	329.8	330.2	330.6	331.0
172.5°	328.0	328.9	329.5	330.3	330.7	331.4	332.0	332.4	332.6	332.8	332.8
175°	330.4	331.1	331.4	331.9	332.3	332.8	333.4	333.4	333.7	333.7	333.8
177.5°	333.7	334.4	334.8	335.1	335.4	335.6	336.1	335.8	335.8	335.6	335.3
180°	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2



TEST NUMBER: P1444627  
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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°	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2
2.5°	45424.2	45446.9	45481.7	45513.2	45560.6	45598.1	45654.2	45696.9	45760.3	45801.5	45870.4
5°	45428.2	45517.1	45634.0	45748.0	45885.1	46009.5	46164.2	46296.0	46451.5	46578.3	46737.3
7.5°	45492.5	45663.8	45869.3	46076.2	46310.3	46529.3	46776.0	46999.3	47243.4	47449.9	47675.6
10°	45539.8	45804.1	46106.9	46411.5	46732.1	47030.0	47330.7	47590.6	47833.5	48033.3	48209.9
12.5°	45475.6	45839.7	46228.2	46603.2	46959.8	47268.1	47526.9	47726.8	47864.7	47958.3	47980.2
15°	45257.2	45695.4	46117.7	46491.2	46787.1	47015.3	47133.4	47188.7	47129.3	47030.8	46814.2
17.5°	44849.2	45311.3	45688.9	45983.6	46140.0	46201.9	46104.0	45933.8	45601.2	45232.1	44698.9
20°	44101.2	44531.8	44805.7	44966.4	44924.6	44769.9	44400.6	43951.6	43287.5	42579.8	41646.0
22.5°	42789.1	43165.5	43311.5	43323.5	43068.3	42681.0	42014.8	41244.7	40197.1	39108.0	37768.7
25°	40819.7	41149.4	41172.5	41042.9	40576.0	39948.4	38970.1	37880.7	36457.2	35006.0	33327.7
27.5°	38148.7	38464.9	38387.5	38145.9	37497.5	36657.7	35405.2	33997.9	32243.0	30529.0	28672.4
30°	34791.1	35129.3	35038.5	34728.5	33957.3	32964.7	31491.0	29856.0	27907.5	26076.8	24195.5
32.5°	30773.1	31200.7	31137.9	30843.2	30038.6	28976.3	27377.3	25643.1	23649.6	21845.7	20015.5
35°	26206.1	26725.2	26752.1	26559.4	25812.4	24762.5	23183.4	21504.9	19595.6	17893.4	16202.7
37.5°	21285.7	21887.5	22011.1	21959.1	21340.0	20413.2	18974.5	17468.7	15777.2	14285.4	12839.5
40°	16337.9	16947.2	17158.5	17221.3	16764.4	16046.5	14865.7	13650.3	12271.4	11062.5	9914.4
42.5°	11825.9	12366.0	12570.2	12698.8	12413.5	11934.9	11073.5	10190.9	9180.7	8308.8	7472.9
45°	8213.3	8595.3	8750.7	8880.1	8724.7	8454.7	7910.8	7358.7	6691.9	6122.1	5582.7
47.5°	5742.4	5953.1	6055.6	6118.4	6058.2	5917.3	5621.4	5301.6	4925.1	4592.2	4272.0
50°	4256.4	4368.5	4422.1	4458.5	4414.6	4336.3	4176.1	4002.0	3795.2	3606.6	3422.4
52.5°	3373.0	3437.4	3469.2	3488.8	3463.6	3415.8	3322.5	3219.2	3095.3	2978.8	2917.6
55°	2841.6	2838.3	2912.0	2876.4	2912.0	2832.5	2815.8	2702.3	2599.4	2526.9	2448.4
57.5°	2343.4	2376.8	2391.0	2406.8	2396.6	2382.0	2342.3	2301.8	2247.5	2202.1	2153.6
60°	2028.5	2056.0	2071.5	2087.2	2086.2	2080.8	2057.9	2033.5	1999.6	1972.5	1943.1
62.5°	1811.6	1835.4	1850.7	1865.7	1867.1	1864.9	1847.6	1830.7	1807.6	1790.5	1770.3
65°	1640.9	1657.6	1668.1	1680.1	1679.4	1676.2	1660.4	1646.5	1627.4	1615.7	1600.8
67.5°	1462.3	1475.0	1483.0	1494.3	1496.5	1497.2	1488.6	1482.1	1472.7	1469.4	1464.3
70°	1335.3	1350.6	1363.6	1377.9	1385.7	1389.4	1385.7	1382.4	1377.0	1374.6	1370.7
72.5°	1239.1	1252.1	1262.2	1275.3	1282.5	1287.8	1284.9	1283.1	1278.3	1277.6	1274.9
75°	1119.8	1128.7	1134.4	1144.2	1148.1	1153.0	1150.7	1151.9	1150.4	1154.2	1154.0
77.5°	976.2	982.8	985.5	992.6	993.3	999.2	1000.5	1007.4	1012.3	1023.1	1028.8
80°	814.6	818.8	818.8	826.1	829.3	839.3	844.0	855.3	860.5	870.1	871.0
82.5°	632.8	628.0	632.8	629.7	639.1	650.2	651.7	661.4	663.5	669.6	664.9
85°	432.6	432.3	428.4	429.1	426.2	427.6	425.9	427.7	426.0	426.2	421.8
87.5°	207.3	209.1	204.6	206.1	201.8	203.7	199.9	202.9	198.3	199.0	192.2
90°	29.0	29.4	29.3	29.8	30.7	31.9	33.3	34.6	36.5	37.7	39.3
92.5°	25.9	26.9	27.8	28.6	29.4	31.8	34.3	36.6	39.2	41.6	44.0
95°	29.6	30.3	30.9	32.1	32.8	36.3	39.9	43.3	46.9	50.4	53.9
97.5°	33.6	34.1	34.6	35.0	35.7	39.8	43.9	48.1	52.3	56.4	60.3
100°	38.7	39.2	39.8	40.5	41.1	50.6	60.2	69.7	79.3	88.7	98.2
102.5°	60.0	63.4	66.7	70.3	73.7	96.9	120.0	143.2	166.1	189.3	212.3
105°	128.7	140.0	151.6	162.9	174.2	209.2	244.4	279.5	314.1	349.2	384.3
107.5°	253.3	273.2	293.2	313.1	332.9	365.9	398.7	431.7	464.7	497.5	530.0
110°	385.1	401.8	419.3	436.4	453.6	479.5	505.7	531.7	557.7	583.7	609.5



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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°	463.3	473.6	484.1	494.2	504.7	523.8	543.0	562.0	581.0	599.8	618.6
115°	486.5	491.6	497.2	502.5	508.1	519.4	530.7	542.0	553.5	564.5	576.0
117.5°	477.4	479.3	481.2	482.6	484.5	490.1	495.8	501.4	507.1	512.6	518.2
120°	449.7	449.2	448.9	448.2	447.8	449.1	450.8	452.0	453.6	454.9	456.1
122.5°	418.2	416.3	414.7	412.9	411.2	409.8	408.8	407.4	406.6	405.2	404.0
125°	388.9	387.0	385.3	383.3	381.3	379.1	376.9	374.5	372.2	369.8	367.4
127.5°	365.1	363.2	361.8	359.8	357.9	355.2	352.7	350.0	347.5	344.7	342.1
130°	346.4	344.9	343.8	341.7	340.6	337.7	335.5	333.1	330.6	328.2	325.7
132.5°	334.9	333.6	332.5	330.9	329.7	327.2	325.3	322.7	320.4	318.1	315.9
135°	327.1	326.2	325.4	324.2	323.0	320.8	319.0	317.0	315.1	313.2	311.3
137.5°	321.6	320.7	320.1	319.3	318.5	316.5	315.0	313.1	311.6	309.6	308.1
140°	319.6	318.9	318.4	317.6	316.8	315.0	313.2	311.5	309.9	308.0	306.5
142.5°	316.8	316.3	315.7	314.9	314.2	312.6	311.6	310.0	308.6	307.2	305.9
145°	315.7	315.3	315.0	314.3	314.1	312.5	311.1	309.5	308.3	306.8	305.4
147.5°	314.4	314.0	314.0	313.5	313.4	312.2	311.2	309.9	308.9	307.6	306.7
150°	314.2	314.1	314.0	313.6	313.4	312.3	311.5	310.3	309.5	308.2	307.4
152.5°	314.0	314.1	314.2	314.1	314.2	313.4	312.5	311.5	310.6	309.4	308.6
155°	314.9	315.1	315.2	315.2	315.2	314.5	313.7	313.0	312.2	311.3	310.5
157.5°	316.3	316.6	316.9	317.1	317.3	316.7	316.0	315.4	314.7	313.9	313.2
160°	318.7	319.1	319.4	319.6	320.0	319.4	319.2	318.4	318.2	317.3	316.6
162.5°	322.0	322.5	322.8	323.0	323.3	322.7	322.6	322.0	321.5	320.5	320.0
165°	324.6	324.7	325.1	325.2	325.4	325.0	324.9	324.5	324.2	323.7	323.3
167.5°	328.8	328.9	329.3	329.4	329.6	329.3	329.6	329.2	328.9	328.6	328.3
170°	331.3	331.6	331.8	331.9	332.1	331.8	331.7	331.5	331.5	330.9	330.6
172.5°	333.1	333.1	333.3	333.5	333.5	333.3	333.2	333.0	333.0	332.9	332.7
175°	333.9	333.8	334.0	334.0	333.9	334.0	333.9	334.0	333.9	333.9	333.8
177.5°	335.5	335.4	335.2	335.1	335.0	334.9	335.0	334.9	335.1	335.0	334.9
180°	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2



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**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2
2.5°	45913.1	45629.6	45592.2	45612.0	45659.4	45676.9	45728.1	45742.1	45793.5	45806.2	45855.6
5°	46860.5	46485.7	46504.4	46594.5	46730.9	46812.2	46946.3	47016.5	47144.5	47202.7	47318.4
7.5°	47859.5	47565.2	47656.9	47808.9	47995.4	48124.6	48285.7	48390.6	48529.4	48615.6	48726.7
10°	48349.9	48269.3	48370.3	48489.9	48596.4	48679.7	48747.9	48802.6	48838.4	48871.9	48886.6
12.5°	47976.6	48101.5	48118.7	48107.1	48036.6	47982.7	47861.8	47779.7	47633.8	47544.9	47371.4
15°	46593.0	46867.4	46715.4	46485.3	46148.7	45868.1	45471.7	45176.6	44763.8	44483.9	44069.6
17.5°	44164.6	44511.0	44115.0	43582.7	42905.5	42326.2	41604.8	41032.1	40314.9	39793.2	39123.8
20°	40746.0	41069.7	40363.4	39481.0	38433.4	37551.8	36512.2	35682.7	34716.6	33997.9	33130.7
22.5°	36489.4	36720.0	35725.1	34535.4	33200.8	32099.5	30856.4	29862.1	28759.4	27937.9	27013.1
25°	31780.3	31842.6	30649.2	29278.6	27791.2	26553.3	25226.3	24180.7	23056.3	22223.7	21316.0
27.5°	27027.5	26936.2	25646.3	24193.1	22628.5	21341.9	20047.5	19067.8	18083.0	17332.9	16551.0
30°	22541.4	22320.4	20981.1	19487.4	17968.6	16815.4	15740.9	14954.1	14170.6	13575.7	12948.0
32.5°	18427.5	18115.9	16812.1	15412.7	14132.9	13243.1	12446.3	11850.9	11218.2	10715.6	10188.9
35°	14783.8	14451.7	13296.7	12110.3	11141.7	10485.7	9859.5	9371.0	8833.8	8409.9	7952.4
37.5°	11656.6	11384.4	10417.0	9483.4	8750.7	8242.4	7729.3	7330.1	6886.2	6699.6	6210.8
40°	8998.8	8808.6	8052.1	7363.9	6813.8	6575.0	6054.2	5681.2	5349.5	5075.9	4810.9
42.5°	7019.3	6951.9	6215.8	5679.0	5291.6	4990.8	4700.5	4464.8	4235.5	4046.9	3868.8
45°	5151.1	5097.8	4770.9	4461.1	4197.2	3986.9	3790.7	3628.6	3478.6	3354.4	3241.3
47.5°	4011.1	3994.1	3805.8	3613.8	3447.5	3312.3	3185.0	3077.4	2977.9	2894.9	2868.0
50°	3262.4	3260.3	3149.8	3031.2	2912.8	2834.7	2753.4	2689.9	2625.9	2576.1	2523.6
52.5°	2772.0	2760.0	2685.5	2612.3	2541.9	2490.7	2438.7	2398.0	2355.7	2325.1	2292.2
55°	2386.4	2399.0	2355.9	2312.2	2268.2	2236.3	2199.9	2173.1	2144.0	2124.7	2104.9
57.5°	2118.6	2135.3	2112.7	2087.8	2061.0	2040.1	2015.0	1996.5	1977.0	1964.8	1953.3
60°	1923.8	1942.0	1932.8	1920.4	1903.9	1891.4	1875.4	1865.1	1852.6	1845.7	1839.2
62.5°	1758.5	1781.3	1778.0	1772.1	1761.5	1754.5	1745.8	1741.3	1733.0	1730.0	1726.9
65°	1593.6	1619.2	1618.7	1615.7	1609.9	1607.9	1602.5	1601.4	1597.2	1599.0	1598.6
67.5°	1463.8	1486.1	1491.0	1494.5	1494.3	1495.7	1495.2	1497.4	1497.4	1500.6	1502.6
70°	1370.2	1385.7	1389.4	1393.2	1394.1	1397.2	1397.2	1399.1	1398.6	1401.2	1401.6
72.5°	1275.6	1296.0	1299.8	1302.8	1302.8	1305.6	1304.1	1303.6	1299.6	1298.7	1295.8
75°	1157.9	1184.0	1189.7	1193.5	1194.0	1196.5	1193.0	1190.7	1184.0	1181.3	1176.6
77.5°	1034.9	1062.0	1066.1	1067.4	1065.3	1065.8	1058.4	1053.3	1044.7	1041.1	1036.6
80°	874.8	914.8	918.0	915.5	909.3	908.2	900.9	896.2	886.0	882.5	878.5
82.5°	665.7	712.6	719.2	722.1	717.0	718.1	711.3	708.5	699.1	697.4	691.1
85°	420.3	467.2	474.9	473.8	468.7	467.6	463.4	464.8	464.0	466.5	467.9
87.5°	193.1	238.5	249.5	245.9	245.4	242.2	235.0	237.6	242.0	244.9	245.1
90°	40.8	55.8	57.0	57.1	52.7	52.2	48.1	48.4	45.2	45.2	42.1
92.5°	46.4	48.8	51.3	49.1	47.0	44.8	42.6	40.3	38.3	36.0	34.0
95°	57.4	60.5	64.0	61.2	58.2	55.3	52.5	49.5	46.7	43.8	40.9
97.5°	64.5	68.4	72.3	69.4	66.5	63.5	60.5	57.7	54.7	51.8	48.8
100°	107.8	116.7	126.0	117.8	109.5	101.3	93.1	84.7	76.5	68.3	59.9
102.5°	235.4	257.9	280.8	259.9	239.1	218.1	197.3	176.4	155.7	134.6	113.8
105°	418.9	453.3	488.0	455.9	424.0	392.2	360.3	328.5	296.5	264.6	232.9
107.5°	562.9	594.6	626.9	598.0	569.1	540.3	511.2	482.4	453.4	424.4	395.7
110°	635.5	659.9	685.4	665.6	646.2	626.4	606.9	587.3	567.9	548.5	529.2



TEST NUMBER: P1444627  
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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°	637.5	654.4	672.8	660.8	649.2	637.4	625.8	614.0	602.6	590.8	579.5
115°	586.8	595.8	606.3	601.1	596.1	591.0	586.0	581.1	576.1	571.2	566.7
117.5°	523.6	526.2	530.7	529.0	527.7	525.9	524.5	523.0	521.8	520.3	519.1
120°	457.3	455.5	455.9	455.5	455.3	454.9	454.8	454.5	454.4	454.4	454.4
122.5°	402.5	397.9	395.5	395.0	394.6	394.0	393.7	393.3	392.9	392.7	392.6
125°	365.1	358.8	355.3	353.4	351.8	349.8	347.9	346.1	344.5	342.8	341.3
127.5°	339.4	332.7	328.9	326.0	323.1	320.1	317.3	314.2	311.5	308.5	306.0
130°	323.4	316.5	312.9	309.4	306.2	302.5	299.3	295.9	292.3	289.1	285.6
132.5°	313.5	306.5	303.0	299.9	296.7	293.2	290.2	286.6	283.3	279.8	276.7
135°	309.2	302.3	299.3	296.1	293.4	290.2	287.0	283.9	280.9	277.6	274.9
137.5°	306.2	299.3	296.5	293.8	291.4	288.8	286.4	283.7	281.1	278.1	275.7
140°	304.7	297.4	294.6	292.8	291.3	289.3	287.6	285.6	284.0	282.0	280.1
142.5°	304.4	297.2	294.6	293.2	292.1	290.8	289.8	288.3	287.0	285.3	284.0
145°	304.1	296.2	293.5	292.7	292.4	291.6	291.0	290.4	289.8	288.8	288.2
147.5°	305.4	297.1	294.5	294.3	294.1	293.4	293.4	292.8	292.8	292.1	291.9
150°	306.1	296.8	293.7	293.8	293.5	293.6	293.7	293.4	293.7	293.6	293.5
152.5°	307.5	296.4	292.8	292.8	293.1	293.0	293.2	293.4	293.8	294.0	294.1
155°	309.3	297.2	293.3	293.0	293.0	293.1	293.1	293.2	293.4	293.6	294.0
157.5°	312.4	299.5	295.7	295.2	295.1	295.0	294.9	294.9	295.0	295.1	295.6
160°	315.8	303.0	299.0	298.5	298.4	298.1	297.9	297.7	297.8	297.9	298.2
162.5°	319.1	306.7	302.9	302.3	301.9	301.7	301.6	301.1	301.2	301.1	301.4
165°	322.6	311.5	307.8	307.4	307.3	307.0	306.8	306.6	306.6	306.6	306.8
167.5°	327.7	317.7	314.8	314.3	313.8	313.3	313.3	312.7	312.7	312.3	312.3
170°	330.2	322.4	319.9	319.6	319.7	319.5	319.2	319.2	319.1	318.9	319.0
172.5°	332.3	326.6	324.6	324.7	324.9	324.9	325.1	325.0	325.2	325.4	325.6
175°	333.7	330.1	329.4	329.2	329.3	329.4	329.5	329.5	329.6	329.7	330.0
177.5°	335.0	334.0	333.6	333.6	333.6	333.6	333.6	333.6	333.6	333.8	333.8
180°	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2



TEST NUMBER: P1444627  
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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2
2.5°	45864.8	45918.3	45914.3	45964.2	45961.7	46008.7	45999.3	46039.9	46030.7	46065.4	46045.0
5°	47369.3	47471.1	47504.6	47596.3	47615.4	47697.6	47699.2	47764.5	47756.6	47807.7	47780.5
7.5°	48792.5	48887.4	48932.5	49003.8	49039.5	49098.4	49121.6	49170.1	49181.8	49210.5	49209.6
10°	48912.6	48912.3	48934.6	48924.5	48944.5	48933.0	48957.3	48948.5	48984.5	48975.1	49002.3
12.5°	47296.5	47136.1	47077.6	46933.5	46901.9	46778.4	46787.1	46707.8	46746.1	46697.4	46780.3
15°	43823.2	43451.1	43267.3	42943.8	42842.3	42586.6	42565.9	42396.0	42441.9	42353.0	42482.9
17.5°	38690.7	38104.8	37783.4	37311.0	37123.4	36761.8	36689.3	36470.7	36504.6	36394.5	36551.4
20°	32571.3	31863.3	31457.9	30911.6	30667.9	30236.8	30122.5	29877.9	29908.5	29798.9	29976.4
22.5°	26382.0	25641.1	25183.4	24610.7	24299.5	23894.0	23772.4	23526.7	23540.7	23437.9	23608.5
25°	20694.3	19984.0	19539.7	19019.6	18749.5	18377.7	18249.9	18029.3	18041.8	17956.9	18110.1
27.5°	16008.6	15425.7	15053.9	14618.0	14375.9	14070.4	13945.7	13760.1	13759.7	13697.4	13825.4
30°	12509.8	12023.5	11689.6	11310.0	11082.7	10806.8	10686.4	10520.5	10513.2	10469.0	10570.8
32.5°	9794.9	9362.3	9057.9	8723.7	8519.6	8283.0	8169.0	8035.6	8023.4	7983.5	8067.0
35°	7614.2	7249.9	6988.2	6706.9	6727.6	6378.4	6436.5	6165.3	6091.7	6075.7	6137.8
37.5°	5884.9	5602.8	5390.2	5179.5	5036.7	4889.2	4809.7	4738.4	4730.3	4723.4	4766.9
40°	4606.3	4408.9	4254.1	4109.7	4011.4	3921.4	3871.7	3832.6	3823.2	3818.0	3844.3
42.5°	3728.1	3594.8	3495.1	3406.9	3347.3	3298.4	3271.1	3249.3	3242.0	3242.2	3257.7
45°	3149.8	3068.9	3004.7	2949.9	2911.8	2928.5	2879.3	2905.1	2871.0	2906.3	2883.0
47.5°	2773.9	2705.0	2665.2	2626.4	2603.3	2584.8	2585.5	2585.7	2593.0	2594.2	2601.8
50°	2483.7	2443.9	2416.2	2391.5	2379.5	2369.7	2373.1	2375.6	2382.7	2383.2	2388.8
52.5°	2269.1	2242.8	2226.1	2210.8	2205.4	2199.9	2202.3	2201.2	2204.4	2202.8	2207.3
55°	2094.3	2081.9	2076.7	2071.0	2071.8	2070.3	2071.3	2065.7	2062.4	2058.2	2062.1
57.5°	1950.9	1949.2	1952.8	1955.1	1961.7	1964.1	1965.6	1959.2	1953.1	1947.6	1950.7
60°	1840.4	1843.1	1851.9	1859.0	1868.5	1872.8	1875.6	1871.8	1867.4	1862.9	1865.5
62.5°	1731.5	1735.7	1746.2	1754.1	1765.5	1771.4	1778.0	1778.4	1780.1	1778.4	1780.2
65°	1604.9	1610.2	1619.7	1626.3	1636.9	1642.1	1648.9	1650.0	1653.8	1652.9	1656.1
67.5°	1508.9	1513.6	1521.5	1527.7	1537.2	1542.6	1548.5	1548.9	1550.1	1549.8	1552.9
70°	1406.3	1408.7	1415.8	1421.0	1430.4	1436.0	1442.8	1444.7	1449.0	1449.6	1453.0
72.5°	1297.0	1296.0	1300.2	1302.6	1309.7	1314.1	1322.6	1327.4	1334.4	1336.3	1338.8
75°	1177.9	1177.0	1182.0	1184.0	1190.1	1194.5	1204.1	1210.4	1221.3	1225.9	1224.7
77.5°	1040.1	1042.5	1051.9	1057.1	1065.3	1070.9	1083.4	1093.3	1113.3	1122.2	1113.2
80°	886.0	888.5	898.3	903.2	913.8	920.6	934.5	946.2	964.2	968.1	963.0
82.5°	696.5	697.2	706.1	709.7	723.5	733.5	751.2	760.5	771.7	769.9	768.6
85°	474.9	481.3	492.3	503.3	520.1	536.3	553.0	566.9	557.1	572.5	555.3
87.5°	253.8	253.1	268.0	265.6	289.3	302.9	317.4	324.3	332.1	330.5	330.7
90°	42.8	40.4	41.6	38.7	41.2	37.9	41.5	38.7	43.0	39.2	45.7
92.5°	31.6	30.6	29.3	28.3	26.9	26.0	24.7	23.5	22.3	21.1	22.3
95°	38.0	36.9	35.9	34.6	33.5	32.4	31.3	30.3	29.2	28.1	29.5
97.5°	46.0	45.4	44.7	44.1	43.4	42.8	42.1	41.6	40.7	40.1	41.0
100°	51.7	51.7	51.7	51.7	51.4	51.4	51.4	51.4	51.4	51.4	52.1
102.5°	92.9	90.9	88.8	86.5	84.5	82.3	80.3	78.2	76.1	74.1	77.1
105°	201.1	192.9	184.8	176.6	168.3	160.2	152.1	143.9	135.8	127.7	136.0
107.5°	367.1	352.1	337.2	322.4	307.5	292.6	277.9	263.1	248.3	233.5	246.7
110°	509.6	493.8	477.9	462.2	446.2	430.4	414.7	399.0	383.3	367.6	380.2



TEST NUMBER: P1444627  
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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	568.1	557.4	547.2	536.9	526.6	516.6	506.4	496.2	486.1	476.0	482.1
115°	561.8	556.8	551.6	546.7	541.7	536.6	531.6	526.9	522.1	517.3	517.7
117.5°	517.9	515.8	514.0	512.1	510.3	508.5	507.0	505.4	503.7	502.3	498.9
120°	454.6	454.5	454.5	454.8	455.0	455.6	455.7	456.3	457.0	457.5	452.9
122.5°	392.5	393.0	393.7	394.5	395.4	396.4	397.4	398.7	400.1	401.5	396.8
125°	339.6	340.1	340.7	341.2	341.7	343.0	344.0	345.3	346.4	348.0	344.2
127.5°	303.2	302.8	302.3	302.2	302.1	302.3	302.6	303.1	303.8	304.5	302.1
130°	282.4	281.1	279.8	278.9	277.7	277.1	276.6	276.1	275.7	275.7	274.9
132.5°	273.3	271.4	269.4	267.8	266.1	264.9	263.4	262.8	261.9	261.3	261.1
135°	271.5	269.2	267.0	264.8	262.8	261.4	259.6	258.5	257.3	256.4	257.0
137.5°	273.1	270.9	268.6	266.6	264.5	263.0	261.2	260.0	258.9	257.9	258.7
140°	278.3	276.0	273.8	271.8	270.0	268.5	266.9	265.8	264.3	263.8	264.1
142.5°	282.5	280.8	278.7	277.0	275.2	273.8	272.5	271.5	270.1	269.6	270.2
145°	287.3	286.0	284.4	283.0	281.8	280.8	279.5	279.0	278.2	278.0	278.3
147.5°	291.3	290.5	289.1	288.2	287.0	286.4	285.6	285.2	284.7	284.5	284.6
150°	293.4	292.8	292.0	291.4	290.8	290.5	289.9	289.7	289.4	289.3	289.4
152.5°	294.3	293.9	293.3	292.9	292.3	292.2	291.8	291.7	291.6	291.6	291.6
155°	294.2	294.0	293.8	293.7	293.5	293.9	293.7	294.1	294.0	294.3	294.5
157.5°	295.7	295.9	295.8	296.2	296.3	296.6	296.6	297.2	297.3	297.9	298.2
160°	298.6	298.8	298.8	299.2	299.3	299.5	299.8	300.2	300.5	300.8	301.3
162.5°	301.5	302.0	302.1	302.4	303.0	303.3	303.8	304.5	304.9	305.5	306.1
165°	307.0	307.1	307.2	307.2	307.6	307.8	308.0	308.6	308.9	309.5	310.1
167.5°	312.2	312.4	312.4	312.6	312.9	313.2	313.4	314.0	314.5	315.3	315.7
170°	318.7	318.7	318.7	318.7	318.7	319.1	319.2	319.4	319.6	320.1	320.4
172.5°	325.7	325.7	325.3	325.7	325.3	325.7	325.7	325.8	325.8	326.0	326.1
175°	329.8	330.2	330.3	330.6	330.5	330.6	330.7	330.8	330.9	331.2	331.2
177.5°	333.8	333.9	333.9	333.9	333.9	334.1	334.1	334.1	334.1	333.9	334.0
180°	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2



TEST NUMBER: P1444627  
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**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2
2.5°	46078.9	46055.8	46079.4	46055.4	46079.4	46050.7	46070.1	46039.1	46047.1	46014.8	46023.1
5°	47821.1	47784.4	47804.0	47756.2	47761.3	47697.6	47696.4	47622.1	47602.6	47518.1	47481.0
7.5°	49230.0	49218.0	49224.8	49194.1	49190.5	49147.0	49126.3	49064.9	49026.3	48948.5	48895.4
10°	49007.1	49043.0	49052.2	49088.9	49096.4	49132.7	49140.2	49176.5	49184.2	49211.0	49211.3
12.5°	46776.5	46898.4	46927.6	47078.3	47141.6	47314.0	47406.4	47596.3	47709.2	47898.6	48015.0
15°	42479.3	42690.3	42774.5	43068.6	43231.4	43574.8	43790.5	44184.9	44463.1	44881.9	45180.6
17.5°	36565.1	36860.0	36993.1	37391.9	37652.2	38159.0	38524.4	39125.6	39585.9	40254.2	40783.7
20°	30006.7	30334.4	30515.1	30970.2	31277.2	31869.4	32325.5	33064.4	33680.6	34527.2	35251.3
22.5°	23662.0	23973.9	24174.4	24637.3	24983.1	25600.7	26110.4	26890.4	27580.7	28534.8	29402.9
25°	18167.9	18453.7	18635.0	19053.7	19378.5	19946.0	20432.8	21182.8	21858.3	22815.3	23705.5
27.5°	13889.2	14128.5	14303.3	14660.3	14946.6	15428.1	15846.1	16466.0	17048.0	17876.0	18668.7
30°	10633.4	10845.5	11015.5	11326.6	11592.0	12009.2	12376.9	12897.6	13379.3	14038.1	14668.8
32.5°	8125.6	8308.3	8459.8	8732.0	8972.8	9348.6	9679.9	10136.2	10549.7	11108.4	11627.2
35°	6195.4	6554.9	6529.4	6904.8	6965.2	7235.0	7530.4	7929.4	8295.6	8770.8	9212.3
37.5°	4808.7	4909.7	5018.1	5184.0	5358.4	5603.8	5853.4	6341.0	6519.8	6878.9	7244.4
40°	3877.7	3946.0	4017.5	4129.7	4251.8	4424.7	4606.5	4839.1	5077.4	5368.5	5665.9
42.5°	3278.3	3317.0	3362.4	3428.4	3503.6	3613.2	3734.8	3892.6	4058.4	4263.3	4472.4
45°	2929.0	2910.6	2924.1	2959.5	3004.9	3071.5	3148.2	3245.9	3353.9	3486.6	3627.9
47.5°	2603.3	2610.7	2614.7	2634.0	2658.2	2702.9	2749.5	2815.8	2943.8	2982.8	3059.9
50°	2388.2	2391.8	2390.6	2400.4	2412.7	2441.7	2471.9	2516.8	2561.7	2621.0	2677.7
52.5°	2208.0	2213.0	2212.4	2218.8	2225.4	2243.7	2262.8	2294.5	2323.9	2361.6	2394.2
55°	2065.6	2072.5	2075.3	2080.7	2083.8	2093.4	2101.0	2116.2	2128.7	2150.1	2169.9
57.5°	1956.1	1965.6	1970.0	1971.8	1968.0	1967.4	1964.9	1968.1	1970.6	1982.1	1993.2
60°	1870.0	1877.5	1878.7	1877.5	1870.5	1865.4	1857.3	1854.7	1853.5	1859.0	1865.1
62.5°	1779.7	1782.4	1780.6	1778.4	1770.3	1765.4	1757.0	1754.0	1751.0	1754.9	1758.2
65°	1654.9	1657.3	1654.9	1653.6	1646.3	1642.5	1635.4	1632.9	1628.9	1630.0	1629.3
67.5°	1553.6	1555.9	1554.1	1552.2	1547.2	1544.7	1539.5	1536.2	1531.3	1529.4	1526.1
70°	1452.5	1454.4	1451.5	1449.6	1443.9	1441.7	1436.9	1435.8	1432.0	1431.1	1427.3
72.5°	1336.3	1336.5	1332.5	1331.3	1327.1	1326.9	1324.8	1326.7	1326.6	1328.5	1327.7
75°	1217.4	1215.8	1210.7	1209.8	1206.6	1208.1	1205.9	1208.8	1209.2	1213.5	1214.0
77.5°	1098.3	1092.1	1082.5	1078.0	1071.5	1070.7	1067.0	1069.5	1068.6	1073.7	1075.7
80°	947.9	940.3	928.0	922.1	914.5	913.3	909.9	913.3	911.7	917.5	921.8
82.5°	756.7	750.2	737.4	732.7	723.9	724.7	721.0	724.7	724.2	733.0	738.1
85°	559.8	555.4	542.2	530.6	517.7	510.0	502.6	501.3	499.1	502.6	505.7
87.5°	323.4	319.2	309.0	302.2	279.5	280.4	271.5	271.0	268.8	266.8	271.5
90°	43.3	48.7	46.7	51.5	50.2	55.9	55.0	60.3	58.4	63.4	62.5
92.5°	23.5	24.7	25.8	26.9	28.1	29.3	30.5	31.6	34.2	36.2	39.2
95°	30.8	32.1	33.5	34.9	36.2	37.5	38.9	40.3	44.0	47.6	51.4
97.5°	42.0	42.8	43.7	44.6	45.5	46.5	47.3	48.2	52.4	56.4	60.3
100°	52.8	53.5	54.2	55.0	55.7	56.4	57.2	57.9	65.8	73.5	81.1
102.5°	80.2	83.3	86.3	89.4	92.6	95.8	98.8	101.9	119.6	137.2	154.8
105°	144.5	152.8	161.5	169.8	178.3	186.6	195.2	203.5	231.9	260.0	288.5
107.5°	260.0	273.3	286.5	300.0	313.2	326.7	340.0	353.3	380.9	408.6	436.3
110°	392.8	405.7	418.3	431.1	443.7	456.6	469.2	482.3	499.0	515.6	532.4



TEST NUMBER: P1444627  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL15

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	488.4	494.5	500.9	507.2	513.4	519.9	526.3	532.7	541.3	549.8	558.4
115°	518.2	518.5	519.2	519.7	520.4	521.0	522.0	522.7	525.8	528.8	531.9
117.5°	495.6	492.3	489.2	486.0	483.0	480.1	477.3	474.4	474.4	474.3	474.7
120°	448.8	444.4	440.2	435.7	431.7	427.8	424.0	420.2	418.6	417.1	415.8
122.5°	392.6	388.3	384.2	380.1	376.2	372.5	368.8	365.2	364.5	363.9	363.2
125°	340.7	337.3	333.9	330.7	327.8	324.9	322.2	319.5	320.4	321.2	322.4
127.5°	300.2	298.3	296.5	294.9	293.6	292.2	291.1	289.9	292.1	294.2	296.5
130°	274.3	273.8	273.6	273.1	273.4	273.4	273.6	273.8	276.9	279.5	282.6
132.5°	261.7	262.0	262.6	263.3	264.2	265.2	266.6	267.6	270.8	273.8	277.0
135°	257.6	258.3	259.6	260.6	262.3	263.5	265.3	266.8	270.1	272.8	276.1
137.5°	259.7	260.6	262.0	263.3	265.0	266.4	268.4	270.0	272.7	275.2	277.9
140°	265.2	265.8	267.2	268.4	269.7	271.0	273.0	274.4	276.8	278.9	280.9
142.5°	271.2	271.8	273.0	274.1	275.4	276.7	278.3	279.5	281.3	282.9	285.1
145°	279.1	279.7	280.7	281.5	282.7	283.8	285.1	286.1	287.6	288.7	290.2
147.5°	285.3	285.7	286.6	287.5	288.5	289.4	290.2	291.0	292.3	293.2	294.4
150°	290.0	290.4	291.0	291.4	292.3	293.1	294.0	294.6	295.6	296.4	297.4
152.5°	292.4	292.6	293.2	293.7	294.5	295.1	295.7	296.4	297.3	297.9	298.9
155°	295.0	295.7	296.4	296.8	297.7	298.0	298.9	299.4	300.3	300.9	301.8
157.5°	298.9	299.2	300.1	300.5	301.3	301.8	302.4	302.9	303.8	304.3	305.0
160°	302.0	302.7	303.3	304.0	304.8	305.4	306.2	307.0	307.6	308.1	308.8
162.5°	306.7	307.4	308.0	308.5	309.2	309.9	310.4	311.1	312.1	312.5	313.4
165°	310.9	311.5	312.4	312.9	313.7	314.5	315.1	315.9	316.4	317.1	317.6
167.5°	316.5	316.9	317.9	318.4	319.1	319.7	320.5	321.1	321.8	322.1	322.8
170°	321.0	321.6	322.2	322.7	323.3	323.8	324.5	324.9	325.7	326.1	326.9
172.5°	326.5	327.0	327.4	327.6	328.0	328.7	329.1	329.4	329.9	330.3	330.8
175°	331.2	331.2	331.4	331.6	331.7	331.7	331.9	332.2	332.4	332.6	332.8
177.5°	334.1	334.2	334.3	334.4	334.5	334.6	334.7	334.8	334.8	334.8	334.8
180°	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2



TEST NUMBER: P1444627  
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**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2
2.5°	45990.9	45992.8	45955.8	45953.7	45919.0	45914.6	45880.8	45870.4	45842.9	45833.0	45805.0
5°	47386.2	47341.0	47236.6	47175.2	47072.0	47003.7	46892.0	46819.1	46711.4	46630.0	46521.6
7.5°	48797.4	48727.2	48610.0	48515.0	48371.8	48257.5	48090.0	47952.8	47771.2	47614.2	47423.6
10°	49211.3	49200.5	49170.6	49127.1	49060.5	48985.6	48871.6	48752.7	48593.6	48420.9	48209.0
12.5°	48192.9	48302.9	48452.9	48541.7	48649.8	48697.2	48741.5	48730.4	48701.3	48613.8	48491.5
15°	45613.2	45922.2	46331.4	46648.5	47013.3	47278.4	47571.3	47753.7	47935.7	48019.7	48071.1
17.5°	41509.5	42094.6	42828.2	43436.3	44137.8	44701.2	45318.9	45783.9	46262.1	46604.6	46914.4
20°	36238.3	37086.0	38123.6	39040.3	40106.2	41032.5	42047.5	42880.9	43740.2	44412.1	45048.2
22.5°	30520.8	31527.5	32782.1	33944.1	35318.2	36553.1	37946.5	39159.2	40425.4	41483.2	42505.9
25°	24898.6	26002.7	27374.4	28670.9	30227.2	31663.6	33316.0	34827.5	36463.9	37884.8	39288.4
27.5°	19764.7	20848.7	22249.1	23629.3	25274.9	26805.5	28576.0	30241.1	32104.5	33822.9	35580.7
30°	15545.1	16464.5	17720.2	19057.0	20680.0	22237.6	24027.3	25739.9	27678.3	29554.5	31534.5
32.5°	12315.9	13016.4	14003.6	15133.9	16631.4	18114.2	19818.4	21471.5	23380.5	25275.7	27334.9
35°	9781.0	10327.4	11080.1	11962.2	13230.4	14508.5	16015.9	17519.3	19300.2	21098.7	23100.1
37.5°	7712.9	8156.2	8745.6	9408.4	10425.5	11474.4	12710.4	13956.8	15504.3	17098.5	18912.5
40°	6022.9	6381.9	6840.8	7335.0	8103.0	8911.2	9867.1	10833.6	12076.9	13379.8	14881.1
42.5°	4731.4	4996.3	5320.4	5681.6	6398.2	6827.3	7475.4	8174.5	9088.5	10034.4	11163.1
45°	3799.7	3980.4	4205.2	4447.5	4780.1	5144.0	5588.0	6053.5	6921.7	7347.6	8034.1
47.5°	3173.3	3294.5	3437.5	3590.1	3786.3	3998.0	4261.2	4530.5	4878.6	5239.4	5662.3
50°	2751.3	2874.5	2923.6	3002.7	3116.2	3237.1	3385.5	3533.9	3720.7	3910.0	4127.6
52.5°	2438.0	2478.2	2531.6	2581.9	2652.3	2789.9	2834.4	2912.0	3016.7	3119.0	3233.5
55°	2198.8	2225.0	2259.7	2290.1	2332.6	2373.3	2431.9	2483.6	2553.3	2615.1	2691.1
57.5°	2012.7	2029.4	2053.5	2073.4	2100.9	2123.8	2158.2	2186.2	2226.3	2261.3	2307.3
60°	1877.4	1888.5	1904.7	1917.7	1935.2	1947.2	1964.3	1977.4	1998.6	2016.3	2042.0
62.5°	1766.9	1772.6	1783.2	1790.9	1802.0	1808.1	1817.2	1822.9	1834.5	1843.4	1857.8
65°	1634.3	1635.7	1642.8	1646.0	1654.7	1658.0	1665.4	1668.1	1677.7	1684.2	1696.9
67.5°	1525.7	1522.7	1522.8	1520.4	1521.5	1519.0	1519.7	1516.9	1520.9	1522.8	1532.5
70°	1426.6	1422.3	1421.0	1416.4	1415.1	1410.4	1409.0	1404.8	1404.3	1402.9	1406.3
72.5°	1329.9	1328.7	1329.0	1325.9	1325.5	1322.3	1322.4	1320.5	1322.6	1323.6	1328.0
75°	1218.7	1219.1	1221.3	1218.4	1219.3	1216.6	1217.5	1215.1	1216.4	1215.9	1220.3
77.5°	1083.5	1086.7	1092.6	1091.4	1093.3	1090.2	1091.6	1088.1	1089.1	1086.7	1088.4
80°	931.4	938.1	946.0	945.7	949.1	946.9	949.9	946.5	947.9	943.9	942.8
82.5°	750.8	756.5	764.9	765.2	772.7	774.0	782.3	781.9	787.1	783.8	781.4
85°	513.2	517.1	524.5	528.6	536.2	540.9	548.8	552.0	546.3	556.8	548.5
87.5°	268.0	278.0	272.4	285.4	282.3	295.5	292.6	304.8	302.4	312.9	311.5
90°	69.3	69.1	76.1	76.5	85.3	86.6	93.1	91.3	97.6	96.1	102.3
92.5°	41.4	44.2	46.8	49.3	51.8	54.5	52.0	49.6	47.3	45.2	42.6
95°	55.1	58.7	62.5	66.2	69.8	73.6	69.6	65.8	61.9	57.9	53.9
97.5°	64.3	68.3	72.3	76.2	80.4	84.3	79.6	74.8	70.2	65.7	61.0
100°	88.8	96.8	104.4	112.1	119.9	127.6	119.0	110.2	101.7	92.9	84.1
102.5°	172.7	190.4	208.1	225.9	243.5	261.2	242.8	224.5	205.9	187.5	169.0
105°	316.8	345.2	373.5	401.8	430.0	458.7	428.8	398.8	368.8	339.1	308.9
107.5°	464.1	491.6	519.6	547.2	575.0	602.9	572.7	542.2	512.2	481.7	451.4
110°	549.4	566.1	583.0	600.0	616.8	633.9	611.8	589.9	568.0	545.9	523.8



TEST NUMBER: P1444627  
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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°	567.1	575.9	584.5	593.4	602.0	610.8	595.4	579.8	564.2	548.8	533.1
115°	535.2	538.3	541.5	544.9	548.0	551.3	541.0	530.8	520.5	510.3	499.7
117.5°	474.8	475.2	475.2	475.9	475.8	476.1	470.7	465.3	459.8	454.2	448.7
120°	414.3	412.9	411.6	410.3	408.7	407.2	405.5	403.6	401.6	399.5	397.4
122.5°	362.6	362.3	361.6	360.9	360.1	359.4	359.1	359.0	358.6	358.3	357.8
125°	323.3	324.3	325.1	326.1	326.9	327.8	328.0	328.4	328.5	328.9	329.0
127.5°	298.3	300.6	302.4	304.5	306.2	308.3	308.8	309.8	310.3	311.0	311.6
130°	285.3	288.3	291.0	293.5	296.0	299.0	299.4	300.1	300.7	301.2	301.8
132.5°	280.1	283.1	286.0	289.3	291.9	294.9	295.4	296.1	296.3	297.1	297.5
135°	279.0	281.8	284.5	287.7	290.1	292.9	293.3	293.8	294.0	294.7	295.1
137.5°	280.1	282.9	285.2	287.6	289.7	292.1	292.3	292.9	293.0	293.7	294.0
140°	282.9	285.2	287.0	289.1	291.0	293.0	293.1	293.4	293.4	293.7	293.7
142.5°	286.6	288.3	289.8	291.6	293.0	294.7	294.3	294.2	294.2	294.1	293.9
145°	291.4	292.8	294.0	295.3	296.0	297.4	296.9	296.7	296.1	296.0	295.6
147.5°	295.3	296.4	296.9	298.0	298.4	299.6	299.0	298.6	298.2	297.6	297.0
150°	298.0	299.0	299.7	300.4	301.1	302.0	301.3	300.7	299.9	299.3	298.7
152.5°	299.6	300.3	301.0	301.6	302.1	302.7	302.0	301.7	300.8	300.0	299.2
155°	302.1	302.9	303.2	303.9	304.1	304.6	303.8	303.5	302.8	302.2	301.5
157.5°	305.5	306.2	306.7	307.0	307.4	307.8	307.5	307.1	306.5	306.2	305.6
160°	309.3	309.8	310.3	310.7	311.2	311.4	310.9	311.0	310.5	310.0	309.4
162.5°	313.8	314.5	314.9	315.4	316.0	316.4	316.0	315.7	315.2	314.8	314.1
165°	318.2	318.7	319.1	319.6	319.8	320.3	320.0	319.9	319.4	319.3	318.9
167.5°	323.2	323.9	324.2	324.6	324.8	325.1	324.8	324.9	324.4	324.3	323.8
170°	327.2	327.5	328.2	328.6	328.9	329.1	329.1	329.0	328.6	328.3	328.0
172.5°	331.2	331.6	331.7	332.1	332.2	332.6	332.4	332.1	331.9	331.5	331.2
175°	332.8	332.9	333.3	333.3	333.3	333.5	333.2	332.9	332.7	332.4	332.1
177.5°	334.8	334.8	334.8	334.7	334.7	334.7	334.5	334.3	334.1	333.9	333.6
180°	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2



TEST NUMBER: P1444627  
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**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2
2.5°	45795.0	45775.2	45762.3	45746.0	45736.0	45723.4	45714.1	45706.1	45699.7	45693.8	45689.4
5°	46439.0	46336.6	46257.2	46171.1	46100.5	46030.0	45975.6	45930.7	45899.6	45876.3	45862.5
7.5°	47258.9	47071.5	46904.9	46729.4	46572.2	46417.6	46284.3	46169.4	46083.3	46027.4	45993.5
10°	47991.0	47740.2	47492.1	47231.0	46983.5	46743.3	46521.6	46326.6	46172.3	46069.7	46009.9
12.5°	48319.3	48105.5	47852.2	47568.7	47265.3	46958.3	46659.1	46389.2	46162.7	46010.7	45923.1
15°	48030.2	47942.5	47770.6	47550.4	47262.5	46945.2	46593.8	46263.5	45959.8	45762.8	45648.6
17.5°	47089.8	47212.3	47199.2	47115.0	46908.0	46640.8	46282.8	45911.9	45531.9	45268.6	45124.8
20°	45503.1	45887.9	46083.3	46183.5	46102.2	45929.0	45604.7	45228.3	44785.4	44441.7	44231.9
22.5°	43273.2	43952.7	44376.2	44686.1	44751.8	44692.8	44406.6	44048.5	43554.8	43141.7	42831.8
25°	40402.6	41398.1	42067.5	42592.1	42795.9	42848.5	42605.0	42248.9	41698.6	41217.2	40791.7
27.5°	37021.4	38315.0	39208.6	39913.6	40231.9	40369.9	40145.7	39782.4	39131.3	38556.7	38000.8
30°	33214.9	34749.7	35825.6	36670.9	37058.8	37241.1	37003.0	36597.5	35839.9	35148.4	34448.1
32.5°	29140.7	30820.2	31992.5	32910.6	33294.9	33466.5	33154.9	32699.6	31823.9	31009.3	30192.6
35°	24875.0	26570.2	27752.5	28646.1	28968.3	29071.6	28673.3	28146.9	27176.7	26282.6	25392.1
37.5°	20522.4	22099.7	23174.2	23976.2	24175.5	24193.4	23713.4	23132.1	22112.3	21230.7	20344.3
40°	16207.6	17537.7	18405.2	19047.2	19116.3	19054.6	18532.7	17947.7	16993.7	16203.9	15425.7
42.5°	12143.2	13147.2	13766.2	14206.1	14180.0	14058.0	13579.5	13076.6	12289.6	11687.9	11075.6
45°	8661.1	9323.1	9685.1	9942.5	9859.8	9743.6	9371.2	9018.7	8483.8	8095.3	7683.8
47.5°	6017.0	6807.6	6670.0	7173.2	6739.6	7025.9	6429.6	6100.8	5817.0	5610.6	5378.0
50°	4307.7	4488.8	4576.3	4636.1	4604.3	4560.3	4453.2	4357.4	4227.7	4133.2	4023.1
52.5°	3326.7	3417.2	3466.9	3502.8	3495.7	3479.7	3433.0	3390.2	3329.5	3289.6	3241.3
55°	2817.9	2819.2	2910.4	2871.3	2929.2	2861.4	2888.0	2813.0	2825.1	2760.7	2717.3
57.5°	2341.6	2378.7	2395.4	2411.5	2407.0	2404.1	2386.1	2376.9	2356.6	2350.3	2335.8
60°	2059.7	2079.1	2083.1	2090.6	2084.3	2081.9	2067.8	2062.8	2049.0	2046.6	2037.0
62.5°	1866.4	1876.3	1876.3	1876.3	1868.3	1860.5	1844.8	1836.6	1825.0	1822.4	1816.8
65°	1705.1	1715.5	1717.1	1719.4	1713.5	1707.4	1693.5	1684.6	1672.6	1668.1	1661.6
67.5°	1538.7	1549.6	1553.4	1559.0	1555.5	1554.4	1544.9	1541.4	1533.4	1531.7	1525.7
70°	1408.0	1412.5	1412.2	1412.0	1404.7	1398.1	1387.1	1381.9	1373.6	1371.9	1366.5
72.5°	1330.2	1333.4	1331.4	1328.5	1318.9	1309.2	1296.3	1286.9	1276.1	1269.4	1261.7
75°	1220.8	1225.0	1222.2	1220.5	1211.8	1205.5	1195.1	1189.9	1182.4	1180.1	1174.9
77.5°	1086.4	1088.4	1083.9	1083.5	1076.9	1072.8	1065.1	1063.7	1058.2	1058.4	1053.3
80°	936.8	935.5	928.4	927.2	920.6	918.9	912.8	913.1	908.7	910.6	907.0
82.5°	770.8	766.6	757.3	754.6	747.0	746.3	742.3	745.6	743.0	747.0	744.7
85°	552.3	553.5	549.5	549.5	547.3	548.0	547.6	550.2	550.5	554.2	554.1
87.5°	307.9	312.4	311.5	315.6	315.4	319.9	321.5	328.2	329.1	335.3	335.3
90°	100.7	107.8	106.0	113.1	112.7	120.0	120.8	128.2	128.2	134.5	133.1
92.5°	40.3	38.0	35.9	33.3	32.1	30.5	30.1	28.2	27.4	25.8	24.7
95°	49.9	46.0	41.9	38.0	36.6	35.1	33.8	32.4	31.0	29.7	28.4
97.5°	56.3	51.7	47.0	42.2	41.1	39.9	38.5	37.3	36.1	35.0	33.8
100°	75.3	66.6	58.1	49.1	48.1	47.1	46.2	45.2	44.1	42.9	41.9
102.5°	150.6	131.9	113.4	94.8	91.3	87.7	84.3	80.5	77.0	73.5	70.0
105°	279.0	248.9	218.9	188.7	179.2	169.5	160.0	150.4	140.8	131.2	121.7
107.5°	420.8	390.3	359.8	329.3	311.8	294.1	276.4	258.5	241.1	223.2	205.5
110°	501.7	479.6	457.3	435.0	421.1	406.9	392.6	378.4	364.1	349.8	335.5



TEST NUMBER: P1444627  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL15

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	517.4	501.6	485.9	469.9	463.7	457.3	451.1	444.6	438.2	431.5	425.2
115°	489.3	478.8	468.3	457.5	455.7	453.4	451.6	449.2	447.1	444.8	442.5
117.5°	443.1	437.4	431.6	425.9	426.5	427.2	427.9	428.4	428.8	429.1	429.5
120°	395.3	393.2	391.2	389.0	391.4	393.6	396.1	398.0	400.2	401.9	403.9
122.5°	357.5	357.0	356.7	355.9	358.9	361.8	364.4	367.1	369.6	371.8	374.1
125°	329.4	329.4	329.6	329.5	332.6	335.4	338.3	340.8	343.4	345.6	347.9
127.5°	312.3	312.9	313.6	313.9	316.6	318.5	320.8	322.6	324.6	326.1	327.8
130°	302.2	302.6	303.3	303.7	306.0	308.1	310.4	312.1	313.9	315.2	316.6
132.5°	298.1	298.5	299.0	299.4	301.4	302.9	304.9	306.0	307.5	308.2	309.3
135°	295.7	295.8	296.4	296.5	298.4	300.2	301.8	302.9	304.4	305.1	306.0
137.5°	294.5	294.7	295.1	295.3	297.0	298.6	300.0	301.2	302.3	303.3	303.9
140°	294.2	294.0	294.5	294.4	296.1	297.3	298.8	299.8	301.1	301.6	302.3
142.5°	293.8	293.4	293.7	293.2	294.5	295.5	296.5	297.4	298.2	298.8	299.2
145°	295.2	294.5	294.4	293.9	294.8	295.7	296.5	297.3	297.7	298.0	298.4
147.5°	296.7	296.1	295.5	294.9	296.0	296.5	297.0	297.3	298.0	298.2	298.4
150°	298.0	297.1	296.4	295.6	296.2	296.5	296.8	297.4	297.6	297.7	297.9
152.5°	298.4	297.6	296.8	295.9	296.2	296.4	296.5	296.6	296.7	296.7	296.7
155°	300.9	300.0	299.2	298.2	298.6	298.6	298.6	298.6	298.4	298.3	298.1
157.5°	304.9	303.9	303.6	302.6	302.5	302.5	302.4	301.9	301.7	301.3	300.9
160°	309.1	308.3	307.8	307.2	306.9	306.7	306.6	306.0	305.8	305.2	304.8
162.5°	313.5	313.0	312.1	311.4	311.1	311.0	310.8	310.2	309.9	309.3	308.9
165°	318.6	318.0	317.6	316.7	316.5	316.2	316.0	315.3	315.0	314.3	313.8
167.5°	323.4	322.9	322.3	321.5	321.4	321.3	321.1	320.7	320.3	319.7	319.5
170°	327.6	327.1	326.8	326.2	325.8	325.7	325.3	325.0	324.5	324.2	323.7
172.5°	330.6	330.2	329.8	329.1	329.1	328.9	328.6	328.4	327.9	327.6	327.4
175°	331.6	331.4	330.7	330.4	330.3	330.1	329.9	329.8	329.5	329.3	329.0
177.5°	333.4	333.2	332.6	332.4	332.3	332.3	332.1	331.9	331.9	331.8	331.6
180°	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2	333.2



TEST NUMBER: P1444627  
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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	45509.2	45509.2
2.5°	45685.4	45683.0
5°	45855.2	45852.6
7.5°	45984.5	45983.6
10°	45999.6	46007.6
12.5°	45907.9	45914.3
15°	45639.9	45652.4
17.5°	45127.4	45143.8
20°	44244.7	44261.8
22.5°	42815.1	42822.2
25°	40736.7	40707.2
27.5°	37903.2	37852.4
30°	34301.1	34252.0
32.5°	30006.3	29975.7
35°	25172.0	25152.6
37.5°	20082.3	20042.8
40°	15141.1	15026.1
42.5°	10807.4	10605.5
45°	7468.9	7229.6
47.5°	5214.0	5066.1
50°	3952.1	3904.4
52.5°	3220.3	3209.1
55°	2717.2	2712.3
57.5°	2339.0	2337.3
60°	2042.0	2041.5
62.5°	1820.6	1821.3
65°	1664.6	1664.9
67.5°	1527.2	1526.3
70°	1368.5	1367.3
72.5°	1259.3	1257.4
75°	1174.9	1173.7
77.5°	1054.8	1053.0
80°	909.4	907.0
82.5°	748.0	745.4
85°	557.9	558.1
87.5°	341.3	341.2
90°	139.1	136.8
92.5°	23.9	23.0
95°	27.0	25.6
97.5°	32.6	31.4
100°	41.0	40.0
102.5°	66.5	63.0
105°	112.1	102.5
107.5°	187.8	170.1
110°	321.3	307.1



TEST NUMBER: P1444627  
CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL15

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	418.5	412.1
115°	439.9	437.5
117.5°	429.6	429.7
120°	405.4	407.2
122.5°	375.9	377.9
125°	349.8	351.8
127.5°	328.9	329.9
130°	317.2	318.4
132.5°	309.7	310.0
135°	306.3	306.6
137.5°	304.1	304.3
140°	302.2	302.5
142.5°	299.3	299.4
145°	298.5	298.5
147.5°	297.9	297.9
150°	297.6	297.4
152.5°	296.3	296.2
155°	297.6	297.3
157.5°	300.2	299.7
160°	304.0	303.6
162.5°	308.1	307.7
165°	313.0	312.3
167.5°	318.7	318.6
170°	323.2	322.9
172.5°	326.9	326.5
175°	328.8	328.6
177.5°	331.6	331.2
180°	333.2	333.2

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-4

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L850-N

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

**Test Information**

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

**Spectral Parameters**

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

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



**Test Conditions**

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

REPORT NUMBER: SP1-2506-472-4

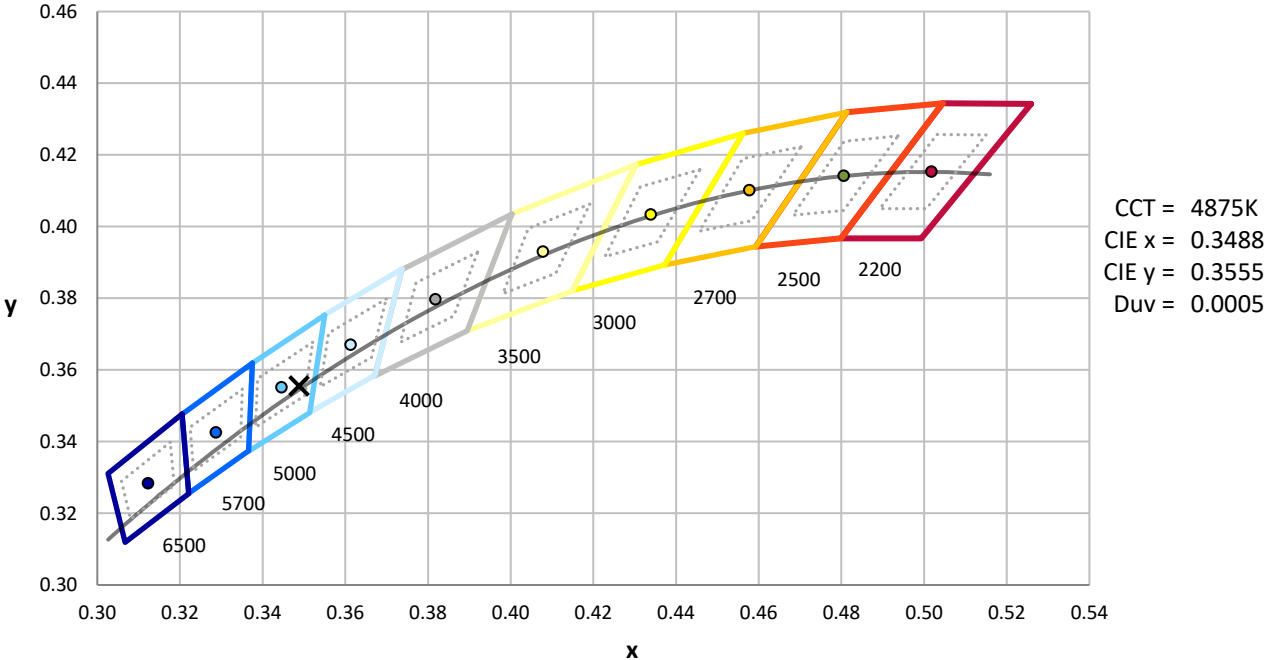
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208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

REPORT NUMBER: SP1-2506-472-4

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-4

**Photopic Flux vs. Wavelength**



**Photopic Lumens: NR**

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

REPORT NUMBER: SP1-2506-472-4

**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.82**

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

REPORT NUMBER: SP1-2506-472-4

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.71

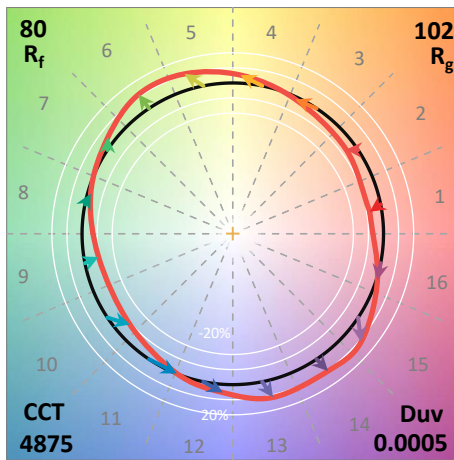
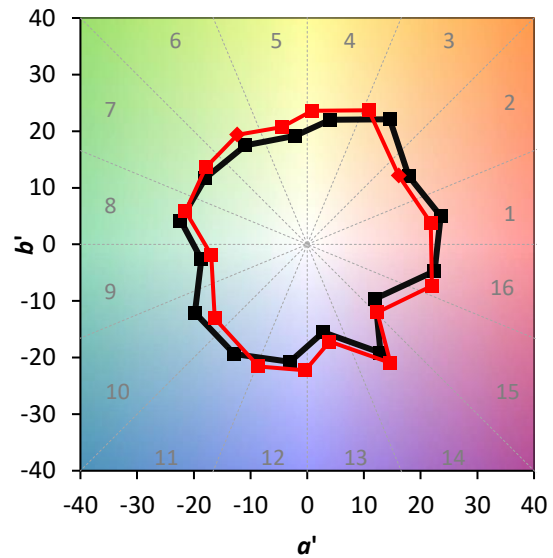
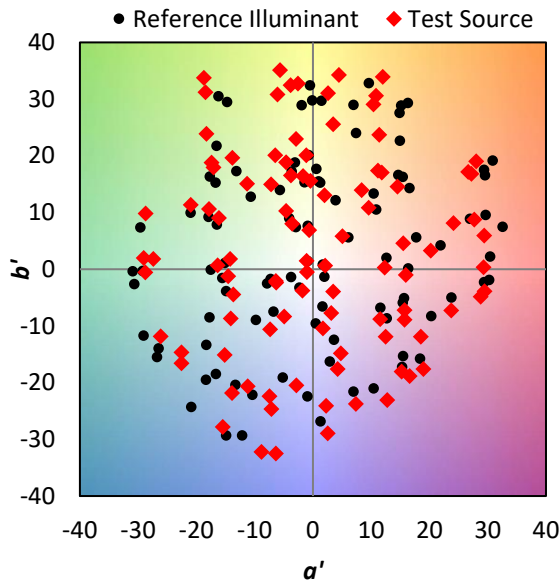
λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	89	NR	620	280	NR	750	6	NR	880	0	NR
365	0	NR	495	121	NR	625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

**Summary**

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

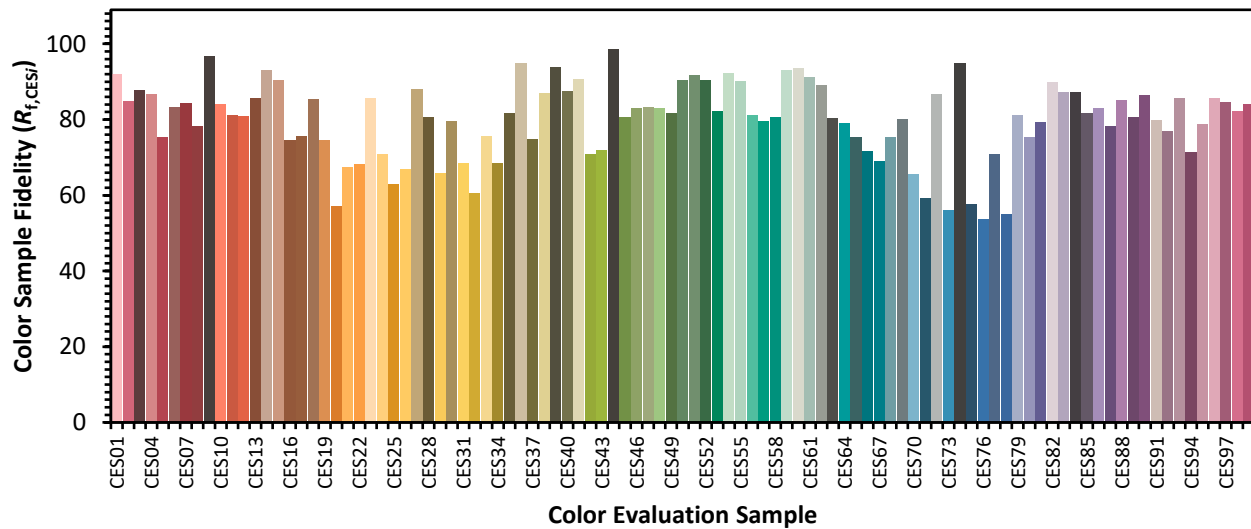


**Color Vector Graphics**

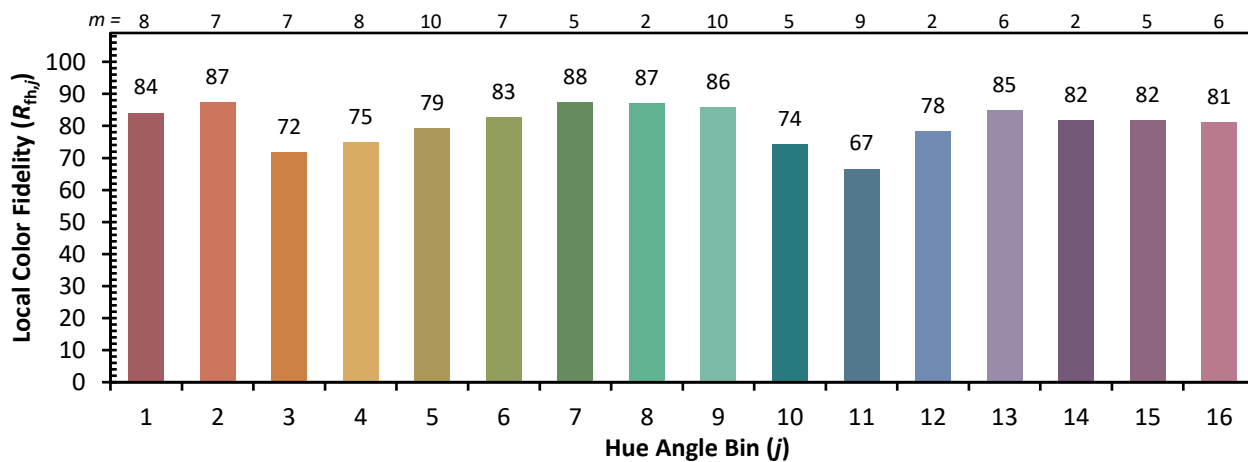
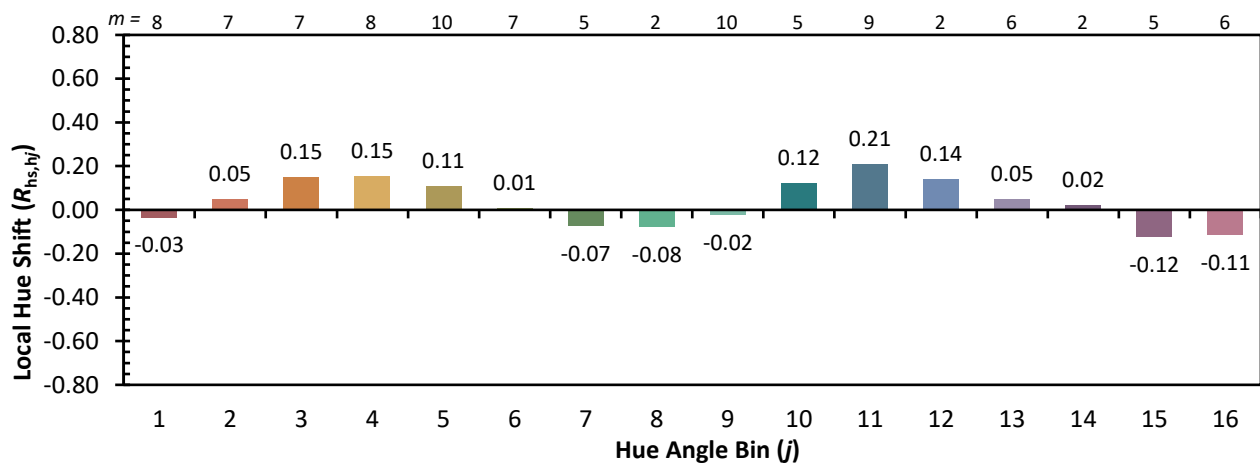
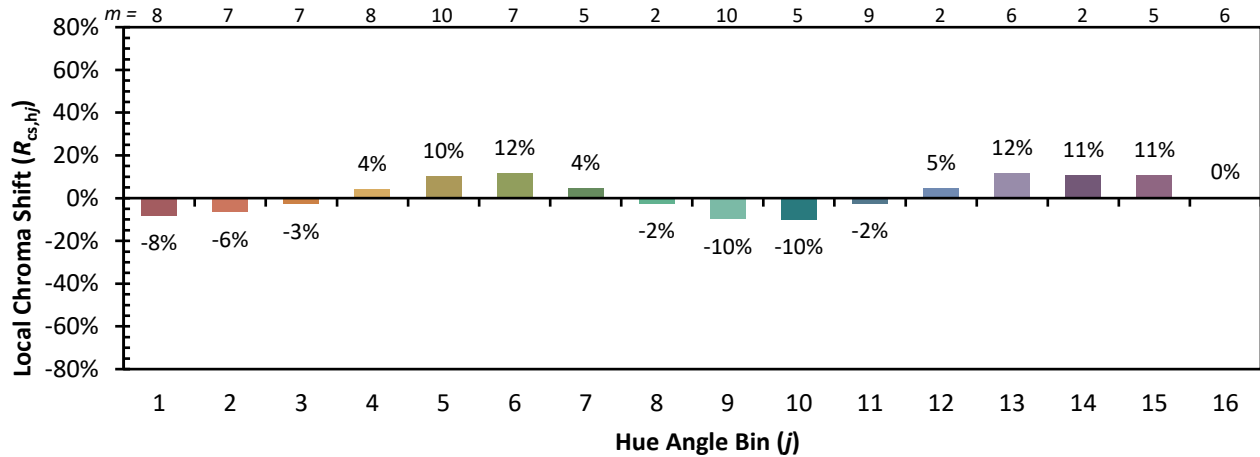


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)