

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: P1444554

Luminaire Tested: EHBR1-54-UNV-TA-L835-UPL12

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444554
REPORT IS A COMBINATION OF REPORTS P1444307 AND P1431635
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-54-UNV-TA-L835-UPL12
Description: Elevate Round Highbay at, 54000 lumens, 3500K 80CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

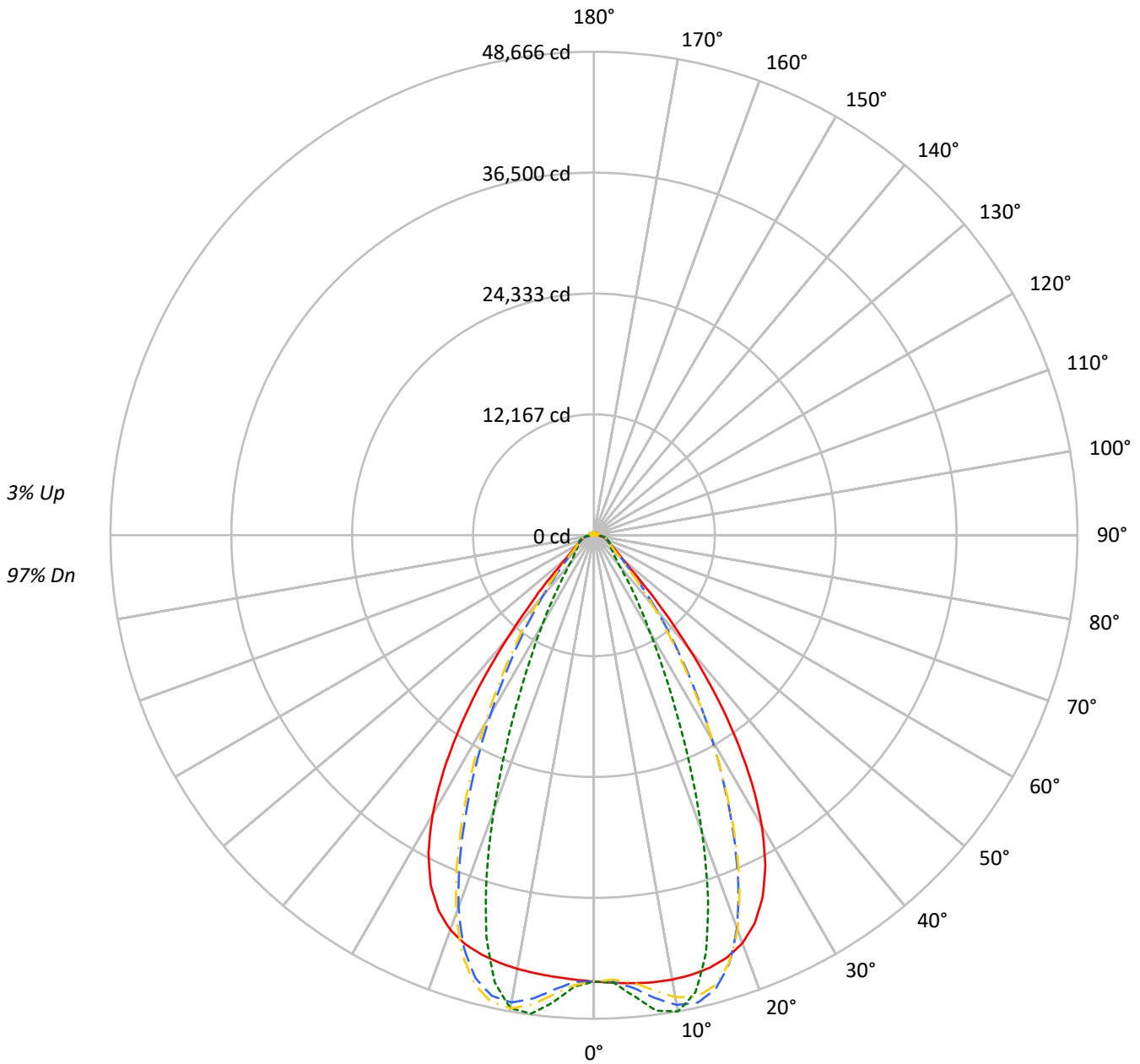
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 53181.7 lumens
Efficiency: N/A
Efficacy: 175.3 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 0.77 / 0.88
Luminous Opening: Vertical Cylinder (Dia: 1.71' x H: 0.1')
CIE Type: Direct

Input Watts (W): 303.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	118	118	118	118	115	115	115	115	110	110	110	104	104	104	99	99	99	99	99	99	97
1	111	108	105	102	108	105	103	100	101	99	97	97	95	93	93	91	90	93	91	90	88
2	105	99	94	90	102	97	92	88	93	89	86	89	86	84	86	84	82	86	84	82	80
3	98	91	85	80	96	89	84	79	86	81	78	83	79	76	80	77	74	80	77	74	73
4	92	84	77	72	90	82	76	72	80	75	71	77	73	69	75	71	68	75	71	68	67
5	87	78	71	66	85	76	70	66	74	69	65	72	67	64	70	66	63	70	66	63	61
6	82	72	65	61	81	71	65	60	69	64	60	68	63	59	66	62	58	66	62	58	57
7	78	67	61	56	76	67	60	56	65	59	55	63	58	55	62	58	54	62	58	54	53
8	74	63	56	52	72	62	56	52	61	55	51	60	55	51	58	54	50	58	54	50	49
9	70	59	53	48	69	59	52	48	57	52	48	56	51	48	55	51	47	55	51	47	46
10	66	56	49	45	65	55	49	45	54	49	45	53	48	45	52	48	44	52	48	44	43

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	210961	210961	210961	210961
5°	211983	218164	209015	221022
10°	213753	229056	208626	227540
15°	214801	207637	208262	199277
20°	212580	154682	205623	143118
25°	201216	97828	194565	88761
30°	175777	58787	168969	53726
35°	135279	36889	127497	32677
40°	85576	23140	78295	21744
45°	44107	18027	43377	17731
50°	25860	16035	25067	15785
55°	19811	15171	19078	15033
60°	16763	15497	16049	15297
65°	15745	16184	15142	15632
70°	15382	16946	14615	16309
75°	16447	17970	15559	17178
80°	17019	19900	15431	18167
85°	16029	19200	12953	16442

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 67501 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4427.2	8.3
10°-20°	12454.3	23.4
20°-30°	14184.4	26.7
30°-40°	10195.1	19.2
40°-50°	4702.0	8.8
50°-60°	2250.1	4.2
60°-70°	1641.8	3.1
70°-80°	1247.3	2.3
80°-90°	569.4	1.1
90°-100°	49.2	0.1
100°-110°	217.6	0.4
110°-120°	400.7	0.8
120°-130°	262.2	0.5
130°-140°	190.8	0.4
140°-150°	159.2	0.3
150°-160°	122.4	0.2
160°-170°	79.5	0.1
170°-180°	28.4	0.1
0°-30°	31065.9	58.4
0°-40°	41261.1	77.6
0°-60°	48213.1	90.7
0°-90°	51671.6	97.2
90°-120°	667.6	1.3
90°-150°	1279.9	2.4
90°-180°	1510.0	2.8
0°-180°	53181.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	44923	44923	44923	44923	44923	
5°	45262	46581	44628	47192	45262	4325
15°	45064	43561	43692	41807	45064	12697
25°	40183	19536	38854	17726	40183	18216
35°	24828	6770	23400	5997	24828	15238
45°	7136	2917	7018	2869	7136	6070
55°	2677	2050	2578	2032	2677	2471
65°	1643	1689	1580	1632	1643	1641
75°	1159	1266	1096	1210	1159	1205
85°	551	660	445	565	551	518
90°	133	173	27	37	133	85
95°	22	24	22	24	22	21
105°	85	104	60	104	85	110
115°	356	417	373	418	356	331
125°	293	282	328	284	293	266
135°	263	211	280	216	263	204
145°	262	234	275	241	262	165
155°	265	256	278	261	265	123
165°	282	274	290	278	282	80
175°	298	298	302	300	298	28
180°	302	302	302	302	302	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7
2.5°	45094.3	45090.6	45090.1	45086.9	45086.0	45086.0	45084.5	45080.8	45078.5	45073.4	45067.6
5°	45261.7	45259.6	45260.8	45261.2	45258.0	45251.0	45240.1	45226.6	45209.5	45193.6	45179.3
7.5°	45391.0	45394.2	45398.2	45397.3	45387.5	45371.1	45348.6	45336.0	45343.4	45367.9	45423.8
10°	45414.7	45434.0	45441.4	45439.1	45419.5	45405.4	45410.8	45458.4	45553.1	45679.6	45852.4
12.5°	45322.6	45346.2	45345.4	45337.6	45318.6	45337.9	45406.8	45548.5	45751.6	46000.9	46293.3
15°	45064.1	45094.7	45086.0	45075.9	45063.2	45126.6	45264.3	45510.4	45824.1	46175.5	46535.3
17.5°	44562.1	44599.0	44581.1	44569.6	44558.9	44677.8	44914.4	45274.7	45669.7	46067.3	46408.3
20°	43691.4	43716.1	43673.3	43653.2	43670.2	43903.1	44251.5	44711.7	45128.2	45504.1	45737.2
22.5°	42270.4	42301.1	42220.8	42211.4	42310.6	42668.4	43109.3	43623.7	44015.0	44313.0	44402.8
25°	40182.6	40212.9	40117.4	40174.5	40343.3	40830.5	41355.7	41905.9	42239.8	42460.4	42399.6
27.5°	37364.6	37392.2	37301.7	37418.2	37685.1	38325.4	38943.4	39540.2	39837.8	39992.5	39796.5
30°	33810.6	33868.0	33760.9	33923.6	34331.0	35162.3	35870.3	36539.7	36836.4	36954.1	36649.0
32.5°	29589.4	29671.2	29553.2	29795.2	30363.6	31362.2	32166.5	32914.3	33242.5	33376.9	33032.3
35°	24828.5	24945.7	24810.4	25173.6	25874.7	26986.7	27877.4	28712.3	29100.9	29291.4	28944.2
37.5°	19784.5	19896.2	19823.0	20307.6	21077.5	22230.1	23139.3	24040.0	24478.8	24764.7	24491.1
40°	14832.5	14934.7	14990.1	15544.4	16268.5	17354.8	18228.0	19119.3	19610.2	19969.0	19800.2
42.5°	10468.8	10571.9	10760.4	11295.1	11899.0	12798.2	13546.2	14346.3	14815.3	15198.1	15133.0
45°	7136.4	7256.1	7492.2	7930.0	8366.8	9011.8	9561.1	10183.4	10566.5	10917.1	10921.3
47.5°	5000.8	5084.9	5295.9	5594.9	5879.6	6687.2	6720.3	7026.2	7283.7	7545.8	7579.7
50°	3854.0	3904.7	4016.6	4183.2	4344.5	4554.1	4746.1	4967.7	5126.2	5269.9	5304.2
52.5°	3167.7	3199.9	3256.9	3347.1	3440.7	3554.7	3657.4	3779.1	3865.4	3942.3	3958.5
55°	2677.3	2704.0	2788.7	2805.8	2912.9	2933.5	2979.2	3053.2	3103.4	3149.4	3161.0
57.5°	2307.2	2326.5	2344.5	2382.9	2415.9	2463.9	2502.5	2555.6	2587.2	2620.5	2623.4
60°	2015.2	2029.1	2042.0	2068.6	2091.1	2124.4	2151.0	2187.2	2209.8	2234.8	2237.6
62.5°	1797.9	1807.9	1816.4	1834.0	1850.0	1875.6	1896.8	1926.9	1948.1	1967.4	1971.7
65°	1643.4	1650.8	1656.2	1669.6	1683.6	1705.4	1724.5	1749.1	1764.6	1779.4	1782.5
67.5°	1506.6	1513.6	1519.2	1531.3	1541.0	1557.3	1570.2	1588.6	1600.3	1612.1	1612.5
70°	1349.7	1356.2	1360.6	1371.9	1379.7	1393.6	1404.0	1420.7	1432.6	1445.8	1449.1
72.5°	1241.2	1245.0	1250.8	1261.2	1271.9	1287.0	1300.7	1318.1	1332.5	1346.2	1352.0
75°	1158.6	1163.1	1166.9	1175.8	1183.2	1195.9	1206.2	1222.0	1234.7	1249.4	1256.5
77.5°	1039.4	1044.6	1047.9	1056.7	1063.2	1075.3	1083.0	1097.1	1107.5	1120.8	1127.3
80°	895.3	900.2	902.5	910.9	916.0	927.2	934.7	948.3	957.0	970.3	978.2
82.5°	735.7	740.4	741.7	749.5	752.3	761.5	767.0	781.0	791.7	809.0	821.0
85°	550.9	552.6	555.2	553.3	564.4	565.1	577.7	580.0	596.7	601.1	620.0
87.5°	336.8	341.8	344.3	352.0	355.3	362.9	365.3	373.4	378.0	387.3	391.6
90°	133.1	140.2	142.1	150.5	152.2	159.7	161.0	169.3	171.2	180.0	182.4
92.5°	19.9	20.8	21.6	23.1	24.0	25.9	27.3	28.7	29.7	31.5	33.5
95°	22.0	23.1	24.1	25.2	26.3	27.4	28.5	29.6	30.6	31.7	34.7
97.5°	26.9	27.8	28.7	29.7	30.6	31.5	32.5	33.5	34.3	35.2	39.0
100°	33.8	34.6	35.4	36.3	37.0	37.8	38.6	39.5	40.2	41.0	47.9
102.5°	52.7	55.5	58.3	61.1	63.9	66.6	69.6	72.2	75.0	77.9	92.5
105°	84.8	92.3	100.2	107.6	115.3	123.0	130.7	138.0	145.6	153.2	177.3
107.5°	139.5	153.5	167.7	181.9	196.1	210.2	224.4	238.3	252.4	266.3	290.8
110°	250.1	261.1	272.6	283.9	295.2	306.5	317.7	328.7	340.1	351.3	369.0



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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°	335.1	340.0	345.0	350.1	355.2	359.8	364.9	369.8	374.8	379.5	392.0
115°	356.4	357.9	359.7	361.1	362.7	364.2	365.6	367.0	368.6	369.8	378.2
117.5°	351.3	350.6	350.0	349.5	348.6	347.9	347.2	346.3	345.4	344.5	349.1
120°	334.5	332.5	330.6	328.4	326.4	324.1	322.2	319.9	317.6	315.1	316.9
122.5°	312.3	309.9	307.9	305.1	302.7	300.0	297.7	294.6	292.1	289.4	289.3
125°	292.8	290.2	288.2	285.5	282.6	280.0	277.3	274.4	271.6	268.6	268.2
127.5°	276.9	275.1	273.2	270.9	268.8	266.5	264.1	261.6	259.5	256.7	256.0
130°	269.2	267.5	265.6	263.4	261.4	259.1	256.7	254.2	252.0	249.4	248.5
132.5°	264.1	262.8	261.2	259.5	257.6	255.3	253.5	251.0	249.1	246.9	246.0
135°	263.0	261.4	260.1	258.4	256.7	254.4	252.3	250.1	248.0	245.6	244.9
137.5°	262.7	261.4	260.1	258.1	256.5	254.2	252.4	250.0	247.9	245.7	244.8
140°	262.7	261.4	260.0	258.2	256.6	254.7	252.6	250.5	248.3	246.2	245.5
142.5°	261.6	260.2	259.2	257.5	256.1	254.1	252.3	250.2	248.4	246.3	245.8
145°	262.0	260.9	260.0	258.5	256.9	255.1	253.6	251.4	249.9	248.0	247.5
147.5°	262.7	261.6	260.9	259.5	258.4	256.6	255.1	253.3	251.8	250.2	249.9
150°	263.3	262.4	261.6	260.4	259.2	257.6	256.3	254.7	253.3	251.6	251.3
152.5°	263.1	262.0	261.4	260.2	259.1	257.4	256.5	254.8	253.6	252.0	251.6
155°	264.9	263.9	263.0	262.0	260.8	259.6	258.2	256.9	255.8	254.3	254.0
157.5°	267.9	266.8	266.1	264.9	264.1	262.9	261.8	260.6	259.6	258.4	257.9
160°	272.2	271.2	270.3	269.3	268.2	266.9	266.1	264.9	264.1	262.9	262.5
162.5°	276.7	275.7	274.7	273.7	272.8	271.5	270.6	269.7	268.8	267.5	267.2
165°	281.5	280.9	280.0	279.2	278.4	277.5	276.7	275.7	274.9	273.8	273.6
167.5°	287.7	286.7	286.2	285.4	284.4	283.7	282.8	281.9	281.4	280.3	280.0
170°	292.1	291.3	290.8	290.3	289.6	288.9	288.5	287.8	287.1	286.4	286.2
172.5°	295.7	295.1	294.8	294.5	293.8	293.4	292.9	292.4	292.1	291.5	291.6
175°	297.9	297.4	297.3	296.9	296.6	296.2	296.1	295.7	295.7	295.2	295.2
177.5°	300.4	300.3	300.3	300.1	300.1	299.9	299.7	299.4	299.2	299.2	299.2
180°	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1



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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°	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7
2.5°	45063.2	45057.7	45050.2	45040.7	45032.6	45023.1	45000.6	44994.0	45001.4	45006.5	45016.8
5°	45170.2	45173.4	45174.6	45195.1	45212.7	45256.8	45602.5	45739.8	45846.1	45913.5	46015.9
7.5°	45493.1	45597.0	45699.7	45837.9	45957.1	46118.0	46722.8	46980.1	47163.1	47294.7	47456.5
10°	46040.2	46266.9	46479.5	46728.6	46942.7	47187.9	47750.8	48001.5	48159.9	48275.1	48382.7
12.5°	46591.2	46905.8	47190.0	47467.2	47698.9	47911.5	48109.5	48197.2	48204.7	48208.4	48151.2
15°	46878.2	47178.9	47429.4	47612.6	47748.9	47809.1	47468.3	47289.5	47063.5	46877.5	46571.2
17.5°	46697.1	46877.5	46985.7	46975.0	46918.8	46730.3	45764.9	45234.0	44707.0	44231.9	43609.1
20°	45891.8	45878.0	45783.9	45517.4	45196.2	44696.8	43041.8	42087.0	41163.9	40353.1	39369.5
22.5°	44393.6	44157.9	43829.2	43254.5	42616.0	41743.4	39371.8	37967.3	36682.2	35546.9	34275.1
25°	42222.7	41737.8	41131.6	40219.2	39227.0	37954.3	35031.2	33284.3	31741.3	30403.0	28935.6
27.5°	39444.5	38714.0	37825.6	36562.8	35218.5	33588.1	30347.5	28419.5	26763.1	25328.3	23766.5
30°	36155.4	35205.3	34058.1	32490.8	30869.4	29020.2	25733.3	23780.6	22104.0	20628.0	19065.0
32.5°	32438.4	31325.5	29981.3	28222.2	26468.7	24567.5	21393.1	19503.0	17901.4	16481.4	15066.7
35°	28338.7	27145.3	25723.2	23929.0	22186.0	20337.5	17424.9	15720.6	14306.3	13051.1	11908.8
37.5°	23941.1	22769.3	21417.7	19726.6	18110.4	16435.3	13922.1	12493.9	11307.1	10265.4	9383.3
40°	19368.8	18343.4	17173.8	15711.9	14332.5	12937.5	10874.6	9740.9	8804.2	8009.7	7348.8
42.5°	14852.4	14057.8	13160.9	12005.6	10950.1	9887.9	8300.1	7460.2	6766.4	6194.5	5727.3
45°	10776.0	10244.4	9642.9	8839.7	8109.3	7368.4	6238.3	5648.1	5196.3	4827.5	4515.7
47.5°	7533.0	7224.6	7205.8	6463.6	5928.0	5475.0	4747.0	4374.2	4097.3	3873.8	3676.4
50°	5290.2	5141.0	4955.7	4690.8	4442.2	4186.2	3742.6	3517.2	3355.1	3219.7	3094.8
52.5°	3954.8	3877.3	3778.6	3638.1	3503.4	3359.4	3078.7	2935.2	2884.2	2758.2	2659.3
55°	3158.8	3114.3	3058.3	2975.7	2893.7	2861.0	2620.4	2513.8	2446.4	2396.6	2343.5
57.5°	2623.9	2590.7	2557.5	2501.5	2454.0	2396.6	2268.9	2214.3	2174.2	2144.9	2108.1
60°	2238.1	2218.3	2199.7	2166.8	2141.2	2110.3	2029.1	1998.4	1977.3	1959.7	1936.2
62.5°	1975.4	1965.2	1955.5	1938.1	1925.1	1908.3	1852.8	1838.0	1827.5	1818.7	1804.4
65°	1785.7	1778.5	1773.1	1761.4	1754.9	1745.1	1697.5	1687.5	1681.0	1677.8	1669.6
67.5°	1613.4	1605.8	1602.3	1594.0	1591.3	1585.1	1546.2	1540.7	1538.5	1539.6	1536.6
70°	1452.3	1449.1	1450.7	1449.5	1453.1	1454.2	1430.7	1430.5	1433.0	1437.9	1438.4
72.5°	1355.7	1355.7	1357.6	1358.3	1361.8	1363.6	1343.9	1342.9	1344.1	1347.8	1347.9
75°	1263.8	1265.4	1270.3	1271.9	1276.1	1277.0	1251.0	1248.0	1248.2	1251.7	1250.5
77.5°	1136.6	1142.1	1151.6	1156.6	1164.6	1166.1	1137.0	1133.5	1133.6	1137.1	1134.2
80°	992.3	1002.8	1017.9	1028.4	1040.7	1045.7	1015.8	1008.6	1001.9	1000.9	994.9
82.5°	838.9	851.7	869.9	879.3	892.5	895.5	845.4	835.9	830.3	830.8	825.2
85°	640.4	650.1	666.6	671.9	680.1	679.4	622.2	597.7	604.2	594.0	602.0
87.5°	401.7	407.4	417.7	419.1	422.9	422.1	364.5	353.1	349.8	349.9	345.8
90°	191.1	194.4	202.8	202.4	207.8	206.4	159.2	153.3	149.7	152.4	147.2
92.5°	36.1	37.9	40.4	42.4	44.8	47.0	43.9	44.5	43.0	40.5	39.2
95°	37.9	41.1	44.3	47.4	50.6	53.8	57.0	60.2	57.2	54.2	51.2
97.5°	42.8	46.5	50.1	53.8	57.6	61.4	65.2	68.9	65.7	62.2	59.0
100°	55.0	62.0	68.8	75.8	82.7	89.7	96.8	103.7	97.6	91.1	85.0
102.5°	107.2	122.1	136.9	151.6	166.4	181.2	196.3	211.3	196.9	182.6	168.2
105°	201.3	225.3	249.3	272.9	297.0	321.0	345.5	369.5	346.7	324.0	301.3
107.5°	314.9	339.4	363.3	387.5	411.8	436.0	461.1	485.4	463.1	440.6	418.5
110°	386.6	404.0	421.7	439.2	456.7	474.2	492.9	510.5	496.9	483.3	469.8



TEST NUMBER: P1444554
 CATALOG NUMBER: EHBR1-54-UNV-TA-L835-UPL12

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	404.2	416.8	429.3	441.4	453.6	466.0	479.9	492.6	485.5	478.1	471.2
115°	386.2	394.5	402.5	410.6	418.7	426.5	436.6	445.2	442.3	439.6	436.9
117.5°	353.1	357.4	361.7	365.8	369.8	374.0	380.6	385.1	384.7	384.5	384.3
120°	318.1	319.5	320.8	322.2	323.3	324.5	328.6	330.4	331.5	332.4	333.5
122.5°	289.4	289.4	289.3	289.2	289.1	288.9	292.2	292.8	293.1	293.4	293.8
125°	267.7	267.1	266.6	266.2	265.4	264.8	268.1	268.1	267.3	266.4	265.6
127.5°	255.1	254.2	253.3	252.5	251.2	250.4	253.4	253.3	251.5	249.8	247.8
130°	247.6	247.0	245.9	245.0	244.2	243.5	246.8	247.0	244.6	241.9	239.6
132.5°	245.0	244.3	243.2	242.6	241.7	240.8	244.5	244.8	242.4	239.5	237.0
135°	244.0	243.2	242.4	241.5	240.8	240.2	244.3	244.6	242.3	239.5	237.1
137.5°	243.8	243.1	242.3	241.7	240.9	240.3	244.9	245.5	243.5	241.0	238.9
140°	244.7	244.0	243.4	242.9	242.2	241.8	247.0	247.6	246.0	244.1	242.0
142.5°	245.0	244.7	244.2	244.2	243.7	243.6	249.5	250.5	249.0	247.3	245.8
145°	247.0	246.9	246.5	246.5	246.3	246.3	253.0	254.4	253.4	251.9	250.7
147.5°	249.1	248.9	248.6	248.5	248.4	248.8	256.0	257.5	256.8	255.7	254.8
150°	250.8	250.7	250.5	250.5	250.6	250.8	259.3	261.3	260.5	259.8	258.9
152.5°	251.2	251.1	250.9	250.8	250.7	251.1	261.6	264.0	263.4	262.5	262.0
155°	253.6	253.3	253.0	252.9	252.7	253.1	264.6	267.3	266.8	266.3	265.7
157.5°	257.5	257.0	256.5	256.4	256.2	256.1	268.6	271.8	271.1	270.6	270.1
160°	261.9	261.5	260.9	260.7	260.2	260.1	273.1	276.1	275.8	275.2	274.6
162.5°	266.6	266.7	266.3	265.9	265.6	265.7	278.6	282.0	281.2	280.6	280.1
165°	273.1	272.6	272.2	272.1	271.6	271.4	283.8	286.6	286.3	285.7	285.2
167.5°	279.4	279.3	278.9	278.7	278.4	278.5	289.9	292.6	292.3	291.7	291.3
170°	285.8	285.8	285.5	285.4	285.4	285.5	295.1	297.4	297.1	296.3	296.0
172.5°	291.4	291.5	291.5	291.4	291.4	291.5	299.6	301.7	301.5	301.0	300.5
175°	295.2	295.1	295.2	295.3	295.3	295.4	301.8	303.4	303.2	302.8	302.5
177.5°	299.4	299.3	299.5	299.6	299.8	299.9	303.8	304.7	304.6	304.6	304.4
180°	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1



TEST NUMBER: P1444554
 CATALOG NUMBER: EHBR1-54-UNV-TA-L835-UPL12

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7
2.5°	45019.1	45034.9	45037.2	45055.7	45054.2	45076.2	45072.7	45090.6	45080.2	45095.0	45082.5
5°	46076.5	46172.3	46222.5	46316.0	46345.7	46429.4	46453.1	46529.5	46532.7	46593.3	46579.4
7.5°	47571.3	47712.7	47796.7	47912.3	47970.9	48067.4	48109.7	48181.0	48204.0	48260.6	48265.0
10°	48464.0	48532.7	48580.6	48612.9	48642.4	48656.2	48672.3	48668.1	48672.3	48666.0	48679.9
12.5°	48112.9	48012.7	47946.5	47820.9	47748.2	47609.5	47541.4	47408.0	47359.5	47245.0	47228.6
15°	46334.7	45985.4	45738.6	45379.7	45154.1	44801.0	44594.4	44275.9	44130.3	43877.2	43810.7
17.5°	43093.5	42445.1	41943.3	41299.7	40853.0	40251.6	39873.2	39375.3	39102.6	38701.0	38562.0
20°	38549.5	37590.1	36837.5	35940.9	35299.3	34499.9	33988.0	33342.5	32967.8	32474.6	32274.7
22.5°	33214.7	32020.4	31080.3	30021.1	29246.9	28356.1	27742.9	27044.5	26636.7	26100.9	25863.7
25°	27716.1	26399.0	25353.9	24238.0	23420.0	22526.9	21913.6	21227.5	20805.6	20297.0	20061.2
27.5°	22457.2	21124.0	20114.0	19076.5	18326.1	17520.3	16966.9	16367.9	15993.4	15559.2	15337.5
30°	17816.3	16640.4	15781.0	14919.9	14295.7	13641.3	13181.4	12685.0	12356.5	11984.7	11773.4
32.5°	14035.4	13127.5	12454.6	11771.3	11260.5	10713.5	10316.2	9878.1	9581.6	9249.6	9058.3
35°	11115.8	10410.4	9873.6	9311.3	8872.3	8406.5	8056.4	7678.3	7412.3	7126.4	6961.2
37.5°	8782.6	8221.7	7780.0	7312.9	6952.4	6566.5	6436.4	6002.6	5726.9	5498.8	5340.8
40°	6892.6	6446.6	6081.2	5723.9	5429.9	5137.1	4902.3	4670.5	4492.5	4329.4	4216.5
42.5°	5382.6	5059.5	4792.5	4530.8	4316.4	4103.1	3933.0	3773.3	3653.4	3546.7	3474.0
45°	4278.9	4056.7	3871.2	3686.9	3535.5	3393.2	3278.7	3176.8	3099.4	3035.3	2989.8
47.5°	3515.3	3363.0	3232.2	3107.8	3005.1	2911.9	2835.2	2810.2	2727.0	2670.8	2649.5
50°	2987.5	2895.6	2796.2	2704.5	2635.8	2567.6	2517.8	2469.0	2437.9	2412.1	2404.3
52.5°	2593.5	2523.3	2468.1	2409.9	2364.6	2316.0	2281.7	2249.2	2232.2	2218.6	2216.9
55°	2300.7	2251.6	2215.0	2176.0	2148.9	2120.4	2102.6	2085.5	2078.0	2071.1	2071.6
57.5°	2079.2	2046.3	2022.5	1997.2	1982.6	1968.9	1964.4	1960.1	1962.4	1963.4	1967.3
60°	1917.6	1896.3	1881.4	1866.8	1860.7	1856.3	1859.6	1863.5	1871.4	1877.7	1883.3
62.5°	1793.9	1781.8	1774.4	1766.6	1766.0	1766.3	1773.0	1779.4	1789.2	1796.6	1802.0
65°	1666.6	1659.6	1657.3	1652.2	1654.8	1656.2	1664.3	1669.2	1679.0	1684.9	1691.9
67.5°	1537.8	1536.2	1537.7	1537.7	1542.2	1546.1	1553.7	1559.3	1567.7	1573.0	1578.6
70°	1442.8	1443.5	1447.0	1447.6	1452.5	1455.1	1461.8	1465.4	1473.0	1477.4	1484.3
72.5°	1350.4	1348.9	1349.7	1347.6	1349.2	1348.5	1352.2	1354.1	1360.4	1363.9	1372.2
75°	1252.0	1247.8	1246.8	1242.4	1242.5	1239.4	1240.8	1240.6	1244.8	1246.5	1252.5
77.5°	1133.1	1126.1	1122.8	1115.4	1115.2	1112.3	1115.4	1117.1	1124.5	1128.0	1134.7
80°	991.0	980.0	975.0	966.3	967.8	967.3	974.7	980.1	989.1	990.8	999.4
82.5°	823.6	812.4	807.1	798.7	800.6	800.8	807.5	808.7	816.4	819.8	829.8
85°	589.7	594.0	582.3	583.0	580.5	585.2	589.7	595.3	601.8	612.7	621.0
87.5°	347.3	345.8	349.9	350.4	356.4	359.6	369.2	374.8	385.6	394.1	409.4
90°	147.9	142.7	146.4	145.1	151.3	150.0	155.6	153.2	160.0	160.9	169.5
92.5°	36.5	35.0	32.4	30.7	28.3	27.0	25.3	25.0	23.5	23.2	21.6
95°	48.3	45.3	42.4	39.4	36.5	33.5	32.4	31.3	30.2	29.1	28.0
97.5°	55.8	52.7	49.5	46.2	43.0	39.8	39.1	38.3	37.6	36.8	36.2
100°	78.6	72.5	66.3	60.0	53.8	47.7	47.1	46.5	46.0	45.4	44.8
102.5°	154.2	139.8	125.8	111.5	97.4	83.1	80.7	78.2	75.7	73.3	70.8
105°	278.4	255.6	232.9	210.2	187.6	164.8	158.1	151.1	144.4	137.6	130.9
107.5°	396.1	373.8	351.6	329.6	307.4	285.2	274.3	263.7	252.8	242.1	231.5
110°	455.9	442.4	429.2	415.4	402.1	388.7	378.2	368.1	357.7	347.3	337.2



TEST NUMBER: P1444554
 CATALOG NUMBER: EHBR1-54-UNV-TA-L835-UPL12

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	464.1	457.1	449.9	442.9	436.1	429.2	424.0	418.9	413.9	408.8	403.5
115°	434.1	431.5	428.9	426.3	423.9	421.3	420.7	420.2	419.5	419.0	418.7
117.5°	383.9	383.5	383.1	383.0	382.9	382.8	385.0	387.2	389.6	392.2	394.7
120°	334.3	335.2	336.1	337.3	338.4	339.6	342.4	345.6	348.6	352.2	355.6
122.5°	294.0	294.3	294.5	295.1	295.3	295.8	298.5	301.6	304.5	307.7	311.1
125°	264.2	263.3	262.3	261.2	260.1	259.6	261.4	263.5	265.9	268.4	270.8
127.5°	245.9	243.9	241.8	240.1	237.9	236.4	237.0	237.9	238.7	239.9	241.0
130°	236.9	234.4	231.4	229.2	226.3	224.0	223.6	223.3	223.1	223.1	223.0
132.5°	234.1	231.4	228.4	225.5	222.7	219.9	218.7	217.7	216.4	215.7	215.1
135°	234.2	231.7	228.7	226.0	223.0	220.6	218.9	217.5	216.0	214.8	213.6
137.5°	236.5	234.3	231.8	229.6	227.0	224.8	222.7	221.3	219.4	218.4	216.7
140°	239.9	238.1	235.8	233.8	231.6	229.8	228.0	226.7	225.0	223.9	222.5
142.5°	244.0	242.3	240.6	238.9	237.2	235.5	234.0	232.6	231.2	230.0	228.6
145°	249.4	248.1	246.8	245.4	244.0	242.7	241.1	240.2	238.9	237.8	237.0
147.5°	253.7	252.6	251.5	250.5	249.3	248.1	247.0	246.4	245.0	244.3	243.4
150°	257.8	256.9	255.8	255.1	253.8	253.0	252.0	251.3	250.3	249.9	249.0
152.5°	260.9	260.1	259.2	258.6	257.4	256.6	255.8	255.2	254.4	253.8	252.9
155°	264.8	264.1	263.3	262.7	261.6	261.1	260.3	259.5	258.8	258.1	257.3
157.5°	269.5	268.8	267.9	267.4	266.5	265.8	265.1	264.4	263.6	263.1	262.3
160°	274.0	273.4	272.7	272.0	271.3	270.6	269.7	269.1	268.3	267.7	266.7
162.5°	279.3	278.6	278.0	277.3	276.3	275.8	274.9	274.3	273.6	272.9	272.1
165°	284.5	283.8	283.1	282.5	282.0	281.3	280.4	279.8	279.0	278.4	277.4
167.5°	290.6	290.1	289.4	288.9	288.2	287.5	286.9	286.2	285.5	284.7	283.8
170°	295.6	294.9	294.4	293.7	293.1	292.3	291.8	291.0	290.3	289.9	288.9
172.5°	300.1	299.8	299.2	298.9	298.2	297.7	297.3	296.7	296.2	295.5	295.2
175°	302.3	302.2	302.0	301.6	301.4	301.0	300.7	300.5	300.2	300.0	299.5
177.5°	304.4	304.2	304.2	303.9	303.7	303.7	303.4	303.3	303.2	302.9	302.8
180°	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1



TEST NUMBER: P1444554
 CATALOG NUMBER: EHBR1-54-UNV-TA-L835-UPL12

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7
2.5°	45095.5	45084.0	45089.5	45068.3	45073.4	45047.9	45045.6	45016.8	45013.9	44986.8	44976.6
5°	46622.3	46597.2	46625.5	46581.4	46590.1	46532.7	46527.8	46453.5	46427.9	46335.0	46294.9
7.5°	48300.4	48291.0	48308.2	48271.3	48270.1	48218.8	48197.7	48131.1	48089.8	47992.2	47930.0
10°	48668.1	48676.7	48662.5	48666.0	48646.0	48640.5	48620.1	48607.1	48573.6	48548.3	48511.1
12.5°	47141.5	47150.6	47092.4	47129.4	47100.2	47168.3	47162.8	47243.0	47255.4	47356.9	47395.4
15°	43613.4	43602.5	43490.8	43561.2	43523.3	43672.9	43706.3	43907.4	44015.0	44273.2	44431.9
17.5°	38283.8	38255.0	38097.6	38183.4	38139.7	38360.2	38434.1	38755.8	38956.4	39372.5	39669.0
20°	31930.6	31875.5	31691.4	31791.7	31746.7	31997.2	32102.7	32491.5	32750.2	33301.3	33693.3
22.5°	25498.4	25411.3	25231.1	25324.8	25282.4	25541.7	25679.0	26069.1	26365.5	26931.2	27389.0
25°	19722.5	19644.9	19470.6	19536.1	19520.3	19739.7	19862.0	20230.9	20522.1	21061.0	21497.8
27.5°	15042.8	14962.0	14804.5	14851.0	14835.0	15021.9	15137.1	15445.4	15695.9	16149.6	16533.2
30°	11513.1	11415.6	11282.1	11307.7	11296.8	11448.3	11555.8	11815.4	12030.2	12413.6	12744.0
32.5°	8824.7	8726.9	8604.1	8616.1	8599.9	8718.8	8807.4	9033.2	9220.3	9546.3	9834.0
35°	6752.1	6866.5	6604.5	6770.5	6597.6	6851.3	6760.1	6901.2	7062.1	7336.8	7576.7
37.5°	5190.8	5111.1	5043.6	5036.5	5036.1	5094.9	5164.3	5300.1	5442.0	5646.7	5858.1
40°	4113.4	4057.5	4013.8	4010.7	4013.8	4055.6	4106.9	4200.9	4304.7	4451.7	4607.1
42.5°	3411.7	3374.6	3348.3	3346.5	3354.8	3384.4	3420.0	3475.8	3543.4	3638.6	3745.2
45°	2952.9	2932.2	2917.6	2916.7	2920.6	2936.0	2956.5	2991.3	3034.1	3093.6	3161.0
47.5°	2630.9	2625.8	2616.7	2617.0	2612.8	2619.2	2621.6	2641.1	2663.8	2708.6	2796.7
50°	2396.4	2396.4	2390.1	2389.8	2383.8	2383.4	2378.5	2386.1	2396.8	2424.5	2452.8
52.5°	2211.1	2210.4	2203.7	2202.3	2196.0	2195.6	2191.3	2194.3	2195.8	2209.8	2226.6
55°	2066.3	2062.0	2053.0	2050.2	2047.6	2051.3	2049.7	2049.8	2047.9	2053.8	2058.8
57.5°	1962.4	1956.8	1948.3	1945.7	1945.1	1949.4	1949.6	1948.1	1940.3	1935.0	1927.4
60°	1880.2	1874.5	1865.4	1863.0	1864.4	1870.3	1870.0	1865.0	1853.3	1843.2	1831.4
62.5°	1799.4	1797.1	1792.4	1791.8	1790.6	1791.6	1787.4	1782.1	1770.6	1759.8	1747.0
65°	1691.0	1692.2	1688.7	1689.2	1685.0	1684.3	1678.0	1672.9	1661.3	1651.4	1638.3
67.5°	1578.4	1579.3	1576.5	1576.5	1574.3	1574.7	1570.8	1566.0	1556.1	1548.2	1538.0
70°	1485.7	1488.1	1486.4	1486.9	1484.3	1483.2	1477.2	1472.6	1462.5	1455.8	1446.6
72.5°	1374.7	1379.7	1379.5	1380.7	1376.7	1374.7	1367.6	1361.7	1352.5	1347.2	1339.9
75°	1254.8	1261.3	1263.1	1265.9	1260.3	1257.3	1249.5	1244.8	1237.3	1234.2	1229.4
77.5°	1137.8	1144.9	1151.8	1158.1	1148.9	1140.8	1131.0	1123.5	1112.8	1108.7	1101.2
80°	1006.5	1019.1	1034.2	1046.9	1030.4	1013.7	997.6	985.6	971.5	965.6	956.3
82.5°	834.9	847.9	856.6	864.7	853.3	841.1	825.4	815.0	799.6	794.0	783.2
85°	634.3	650.5	655.7	659.9	652.7	646.2	631.5	611.6	602.0	586.9	579.1
87.5°	417.2	426.9	428.7	430.2	425.8	422.6	413.1	403.7	387.3	375.2	360.6
90°	168.7	174.9	170.8	172.9	167.6	168.6	159.4	156.7	143.6	138.9	127.2
92.5°	21.0	19.6	18.8	17.7	19.5	19.7	21.3	21.6	23.1	23.5	25.0
95°	27.0	25.8	24.7	23.7	24.5	25.4	26.3	27.1	27.9	28.8	29.7
97.5°	35.4	34.7	33.9	33.3	33.7	34.2	34.8	35.3	35.8	36.3	36.9
100°	44.2	43.6	43.1	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
102.5°	68.4	65.9	63.4	61.0	62.6	64.3	65.9	67.6	69.3	71.0	72.8
105°	124.1	117.4	110.6	103.9	110.4	116.9	123.5	130.0	136.5	143.3	149.9
107.5°	220.7	210.0	199.5	188.8	200.8	212.7	224.6	236.4	248.3	260.1	272.3
110°	327.1	317.0	306.8	296.7	309.3	321.9	334.5	347.1	359.8	372.4	385.3



TEST NUMBER: P1444554
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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°	398.5	393.7	388.7	383.8	391.9	400.0	408.1	416.6	424.7	433.0	441.2
115°	418.2	417.9	417.6	417.3	421.2	425.0	428.9	432.8	436.8	440.6	444.9
117.5°	397.3	399.8	402.6	405.3	406.6	407.7	409.2	410.4	411.9	413.3	414.9
120°	359.1	362.3	365.9	369.6	369.1	368.6	368.3	367.8	367.8	367.5	367.6
122.5°	314.4	317.7	321.4	324.9	323.9	322.8	321.8	320.9	320.4	319.7	319.0
125°	273.7	276.3	279.3	282.3	281.2	280.1	279.1	278.5	277.8	277.0	276.7
127.5°	242.7	244.2	245.7	247.4	247.0	246.5	246.4	246.1	246.1	246.3	246.6
130°	223.3	223.8	224.5	225.0	225.1	225.2	225.9	226.3	227.2	227.8	229.0
132.5°	214.9	214.3	214.3	214.1	214.7	215.3	216.3	217.2	218.6	219.7	221.7
135°	212.8	212.1	211.6	211.2	212.1	212.7	213.9	215.2	216.7	218.5	220.3
137.5°	215.9	214.9	214.3	213.4	214.3	215.2	216.3	217.6	219.0	220.8	222.8
140°	221.7	220.6	220.2	219.3	220.2	220.9	222.1	223.3	224.9	226.6	228.4
142.5°	227.9	226.7	226.2	225.7	226.2	227.0	228.3	229.3	230.8	232.0	233.9
145°	236.0	235.0	234.7	234.2	234.6	235.1	235.9	236.8	237.8	238.7	240.3
147.5°	242.7	242.0	241.7	241.1	241.5	241.9	242.4	242.9	243.9	244.6	245.7
150°	248.8	247.9	247.5	247.3	247.4	247.5	248.0	248.1	248.7	249.2	250.2
152.5°	252.7	251.8	251.8	251.4	251.3	251.4	251.7	251.9	252.3	252.6	253.5
155°	256.9	256.5	256.0	255.5	255.3	255.1	255.3	255.1	255.4	255.4	255.7
157.5°	261.9	261.3	260.9	260.2	260.1	259.6	259.5	259.3	259.3	258.8	258.9
160°	266.4	265.5	264.9	264.3	264.0	263.5	263.5	263.1	263.0	262.9	262.8
162.5°	271.6	270.9	270.4	269.7	269.5	268.8	268.4	267.8	267.4	267.1	266.9
165°	276.6	276.1	275.4	274.5	274.2	273.8	273.3	272.9	272.8	272.3	272.2
167.5°	283.4	282.5	282.0	281.2	280.8	280.0	279.8	279.3	278.9	278.4	278.4
170°	288.6	287.9	287.5	286.9	286.5	286.0	285.8	285.4	285.2	285.1	285.1
172.5°	294.8	294.2	293.8	293.4	293.0	292.7	292.5	292.3	292.0	292.0	291.9
175°	299.3	299.0	298.8	298.5	298.3	298.2	298.0	297.9	297.8	297.6	297.6
177.5°	302.3	302.2	302.1	302.0	301.8	301.8	301.8	301.8	301.8	301.6	301.6
180°	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1



TEST NUMBER: P1444554
 CATALOG NUMBER: EHBR1-54-UNV-TA-L835-UPL12

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7
2.5°	44947.5	44935.7	44904.6	44889.2	44860.5	44845.9	44823.5	44809.0	44790.8	44777.4	44770.4
5°	46192.8	46135.4	46020.2	45949.2	45824.9	45743.0	45619.5	45528.9	45401.3	45307.3	45186.7
7.5°	47813.1	47724.9	47577.3	47465.4	47291.5	47158.5	46963.2	46807.0	46591.2	46412.1	46191.6
10°	48472.8	48421.3	48355.1	48283.1	48186.7	48092.1	47958.8	47822.9	47641.8	47461.7	47226.2
12.5°	47497.8	47546.2	47641.8	47686.4	47759.5	47784.3	47817.8	47802.1	47772.5	47698.9	47592.2
15°	44736.5	44938.8	45258.5	45479.6	45789.4	46007.0	46294.9	46480.2	46693.6	46821.1	46942.3
17.5°	40194.4	40585.7	41149.7	41599.7	42203.9	42695.1	43296.9	43769.7	44315.7	44734.6	45180.4
20°	34376.6	34924.6	35703.2	36364.5	37239.9	37982.3	38933.3	39729.9	40659.3	41433.9	42270.0
22.5°	28115.1	28759.6	29651.9	30449.5	31494.8	32428.6	33620.1	34673.4	35929.8	37055.3	38300.3
25°	22208.1	22839.8	23748.6	24574.5	25703.1	26731.7	28033.4	29241.8	30699.7	32059.2	33620.1
27.5°	17142.5	17703.6	18502.6	19246.0	20279.5	21289.3	22610.4	23899.0	25454.7	26915.8	28597.8
30°	13238.9	13694.0	14334.2	14932.2	15762.0	16587.8	17764.5	18956.3	20504.3	22018.3	23742.8
32.5°	10259.7	10647.8	11182.2	11667.7	12307.0	12929.7	13796.2	14748.6	16106.5	17556.7	19224.2
35°	7942.2	8274.2	8729.0	9147.2	9673.0	10167.3	10814.0	11493.7	12529.9	13749.8	15242.0
37.5°	6331.9	6467.3	6791.9	7134.6	7571.3	7977.5	8483.3	8985.9	9727.2	10689.8	11908.8
40°	4815.3	5030.3	5294.5	5564.4	5895.0	6220.9	6775.8	7042.9	7531.1	8222.1	9168.2
42.5°	3885.4	4036.5	4222.5	4410.1	4640.5	4867.5	5148.2	5434.0	5799.0	6266.9	6940.0
45°	3251.3	3349.9	3469.8	3594.9	3746.1	3901.0	4089.0	4285.2	4532.5	4820.2	5228.9
47.5°	2827.8	2882.3	2960.5	3045.9	3149.6	3256.9	3379.0	3504.1	3657.8	3828.4	4061.2
50°	2497.2	2542.6	2603.4	2660.4	2732.1	2842.0	2890.4	2959.5	3051.9	3152.3	3282.5
52.5°	2258.0	2288.2	2326.3	2359.2	2404.5	2445.6	2499.5	2547.1	2611.1	2671.3	2755.4
55°	2071.6	2082.6	2104.3	2125.4	2156.7	2184.8	2221.8	2252.9	2293.7	2329.8	2382.7
57.5°	1927.8	1928.8	1938.8	1949.7	1969.9	1987.5	2013.0	2033.5	2061.8	2084.8	2116.6
60°	1824.3	1818.9	1820.8	1824.7	1836.1	1847.5	1863.8	1877.2	1894.9	1907.9	1925.8
62.5°	1738.3	1729.6	1727.7	1726.7	1732.3	1736.5	1745.3	1751.8	1762.0	1767.6	1777.1
65°	1629.6	1619.5	1615.5	1610.7	1612.5	1611.1	1614.4	1614.6	1619.8	1620.9	1626.4
67.5°	1531.0	1522.5	1517.4	1511.1	1508.2	1503.7	1501.7	1497.4	1496.7	1493.1	1492.2
70°	1441.1	1432.8	1428.4	1422.6	1419.6	1413.6	1410.0	1402.7	1398.4	1391.5	1387.7
72.5°	1337.1	1332.5	1331.1	1327.1	1326.1	1322.8	1321.3	1316.1	1313.1	1307.2	1303.9
75°	1228.3	1224.5	1224.1	1220.2	1219.9	1215.9	1214.8	1209.4	1206.5	1200.7	1198.3
77.5°	1098.9	1093.1	1091.5	1086.8	1088.0	1086.0	1087.7	1083.6	1081.7	1075.9	1074.0
80°	952.9	945.7	942.7	936.5	938.2	935.3	938.2	937.8	939.9	935.3	934.5
82.5°	780.2	772.2	770.7	766.4	769.2	769.5	775.7	772.3	773.7	769.3	771.1
85°	567.7	561.7	553.4	552.2	547.0	552.4	545.2	550.1	542.2	547.7	540.5
87.5°	352.0	339.7	333.2	324.3	320.9	312.5	309.0	302.8	304.7	301.8	303.5
90°	124.9	114.6	112.4	103.9	103.3	95.9	96.9	91.6	93.5	88.1	90.5
92.5°	25.3	26.3	27.9	30.2	31.5	33.3	34.9	37.1	38.5	40.6	42.0
95°	30.5	31.4	33.7	36.1	38.4	40.7	43.1	45.4	47.7	50.0	52.4
97.5°	37.4	37.9	40.2	42.6	44.9	47.2	49.5	52.2	54.5	56.8	59.1
100°	42.5	42.7	49.3	55.9	62.4	69.2	75.7	82.3	89.2	95.8	102.4
102.5°	74.5	76.1	92.8	109.5	126.1	142.8	159.6	176.5	193.1	210.0	226.9
105°	156.4	163.1	188.5	214.1	239.5	265.0	290.5	316.2	341.8	367.4	393.0
107.5°	284.2	296.2	319.4	342.5	365.4	388.6	411.9	435.0	458.1	481.3	504.9
110°	397.9	410.7	426.2	441.9	457.6	473.1	488.8	504.4	520.3	535.9	551.9



TEST NUMBER: P1444554
 CATALOG NUMBER: EHBR1-54-UNV-TA-L835-UPL12

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	449.3	457.9	466.9	476.4	485.5	494.9	504.2	513.6	523.1	532.6	542.1
115°	448.9	453.2	456.7	460.8	464.5	468.5	472.5	476.7	480.9	485.0	489.2
117.5°	416.3	418.2	418.9	420.0	420.9	422.5	423.4	425.0	426.3	427.8	428.9
120°	367.4	367.4	367.4	367.5	367.5	367.7	368.0	368.3	368.7	369.1	369.4
122.5°	318.4	318.1	318.1	318.4	318.7	319.1	319.6	320.3	320.8	321.3	321.8
125°	276.3	276.2	277.5	279.0	280.4	282.1	283.5	285.5	287.1	288.9	290.7
127.5°	246.8	247.4	249.7	252.0	254.5	257.1	259.7	262.4	264.9	267.8	270.1
130°	230.1	231.4	234.1	237.2	240.0	243.1	246.1	249.4	252.2	255.3	258.3
132.5°	223.0	225.1	227.7	230.7	233.5	236.5	239.7	242.7	245.7	248.9	251.6
135°	222.3	224.6	227.2	230.0	232.7	235.8	238.5	241.6	244.2	247.2	249.8
137.5°	224.7	226.9	229.4	231.7	234.1	236.9	239.2	241.8	244.2	246.7	249.0
140°	230.3	232.5	234.1	236.2	237.9	239.9	241.4	243.7	245.2	247.4	248.9
142.5°	235.5	237.7	238.6	240.2	241.6	243.5	244.8	246.4	247.6	249.0	250.2
145°	241.5	243.3	244.1	245.0	245.9	246.9	247.6	248.6	249.2	250.0	250.6
147.5°	246.9	248.0	248.3	249.2	249.7	250.2	250.8	251.4	251.6	252.3	252.8
150°	250.7	251.7	251.8	252.3	252.4	252.8	252.8	253.2	253.2	253.6	253.7
152.5°	253.8	254.5	254.2	254.6	254.4	254.5	254.3	254.6	254.4	254.5	254.7
155°	255.7	256.0	255.8	255.9	255.7	255.8	255.6	256.0	256.0	256.0	256.2
157.5°	258.8	258.7	258.6	258.6	258.3	258.4	258.4	258.5	258.5	259.1	259.3
160°	262.5	262.4	262.1	262.1	262.0	261.9	261.9	262.2	262.3	262.9	263.2
162.5°	266.5	266.3	266.0	266.0	265.9	266.0	266.2	266.5	266.6	267.1	267.5
165°	272.1	272.2	271.8	271.9	271.8	271.8	271.8	272.0	272.4	272.7	273.0
167.5°	278.2	278.1	278.1	278.2	278.2	278.4	278.6	279.3	279.3	280.0	280.2
170°	284.9	285.1	284.8	284.9	284.9	284.9	285.0	285.1	285.4	285.7	285.7
172.5°	291.9	291.9	291.8	291.6	291.5	291.5	291.4	291.5	291.4	291.4	291.3
175°	297.3	297.2	297.1	297.1	297.0	296.7	296.7	296.3	296.2	296.2	296.1
177.5°	301.4	301.0	300.9	300.9	300.7	300.5	300.5	300.3	300.3	300.3	300.0
180°	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1



TEST NUMBER: P1444554
 CATALOG NUMBER: EHBR1-54-UNV-TA-L835-UPL12

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7
2.5°	44761.4	44760.9	44756.5	44758.5	44759.3	44762.5	44766.4	44770.4	44771.1	44774.3	44775.0
5°	45096.4	44985.6	44903.7	44813.6	44745.8	44684.9	44644.3	44612.0	44599.5	44602.7	44610.2
7.5°	46004.7	45776.2	45587.5	45373.1	45194.2	45004.9	44847.9	44698.7	44590.0	44509.0	44463.7
10°	47001.5	46723.1	46456.7	46146.4	45852.0	45537.8	45253.3	44966.8	44727.9	44520.5	44368.1
12.5°	47443.8	47247.1	47016.8	46724.0	46408.9	46046.5	45680.4	45288.0	44923.0	44584.2	44311.0
15°	46975.5	46975.9	46891.9	46751.4	46532.7	46242.9	45894.2	45485.1	45054.6	44615.2	44213.8
17.5°	45488.8	45769.3	45925.3	46024.0	45993.7	45887.0	45665.0	45350.9	44949.5	44481.5	43991.7
20°	42935.7	43597.2	44068.9	44493.2	44730.9	44888.9	44873.1	44745.3	44459.3	44061.5	43551.4
22.5°	39359.1	40469.6	41345.9	42163.0	42736.0	43202.2	43423.8	43517.8	43388.4	43111.2	42632.2
25°	35015.1	36525.0	37813.4	39064.0	40002.0	40808.1	41292.5	41633.8	41661.0	41516.1	41088.8
27.5°	30188.1	31970.3	33601.1	35263.1	36582.1	37741.0	38501.4	39058.0	39234.8	39211.4	38823.4
30°	25367.2	27238.3	29035.9	30973.7	32606.0	34086.6	35091.0	35843.8	36133.8	36189.3	35816.1
32.5°	20814.5	22659.4	24452.1	26478.1	28274.3	29971.2	31157.9	32052.0	32389.2	32468.7	32059.2
35°	16682.5	18384.7	20088.2	22051.8	23837.7	25594.9	26845.3	27781.4	28096.3	28149.4	27675.5
37.5°	13099.4	14549.6	16034.0	17795.8	19435.9	21086.1	22274.2	23153.9	23383.4	23369.2	22832.8
40°	10082.4	11209.9	12402.6	13853.1	15216.5	16611.6	17614.9	18342.1	18462.6	18373.3	17809.8
42.5°	7581.4	8395.7	9260.5	10343.1	11354.8	12398.9	13128.9	13668.7	13685.9	13544.7	13038.9
45°	5648.1	6442.6	6805.3	7459.9	8111.6	8805.8	9251.4	9584.9	9533.3	9409.1	9024.7
47.5°	4305.7	4611.0	4934.9	5340.8	5720.4	6508.2	6449.8	6985.3	6599.6	6862.7	6283.6
50°	3419.2	3589.8	3764.4	3979.7	4178.0	4383.9	4512.7	4608.7	4596.3	4555.0	4444.1
52.5°	2908.9	2961.7	3047.6	3170.1	3280.8	3392.2	3465.4	3525.1	3526.2	3509.5	3453.5
55°	2431.2	2498.1	2559.9	2640.0	2776.4	2797.4	2902.4	2881.1	2889.4	2860.3	2890.1
57.5°	2143.5	2182.5	2217.3	2264.9	2304.4	2350.4	2377.5	2403.6	2401.1	2395.4	2366.8
60°	1939.7	1961.3	1980.5	2008.4	2030.0	2056.0	2068.5	2081.8	2077.4	2067.8	2042.3
62.5°	1782.5	1796.1	1807.1	1825.0	1838.2	1854.4	1860.8	1866.5	1860.8	1851.7	1829.2
65°	1627.6	1636.2	1643.2	1656.7	1666.1	1679.9	1685.4	1690.7	1685.5	1678.4	1661.3
67.5°	1487.8	1488.6	1487.9	1493.4	1496.2	1504.6	1507.1	1510.9	1504.9	1498.7	1484.3
70°	1381.7	1379.5	1376.9	1379.0	1379.5	1383.6	1384.2	1383.6	1376.4	1365.7	1349.9
72.5°	1298.8	1297.6	1295.6	1297.4	1297.4	1301.1	1300.0	1298.1	1289.3	1278.9	1263.3
75°	1192.2	1191.4	1187.4	1187.6	1184.2	1185.4	1181.1	1178.6	1168.8	1160.1	1146.1
77.5°	1067.6	1065.5	1059.7	1057.6	1051.2	1048.5	1040.4	1036.4	1026.4	1019.5	1007.4
80°	928.3	926.2	918.7	914.5	904.6	898.2	886.2	879.3	867.9	861.1	849.4
82.5°	767.4	768.1	760.7	755.5	741.2	730.2	714.2	705.6	692.9	686.3	674.3
85°	545.7	537.9	542.1	541.7	532.8	523.3	510.3	501.1	490.4	484.1	475.7
87.5°	299.3	301.2	299.0	297.2	290.9	286.0	275.9	270.5	262.8	258.9	252.6
90°	82.7	82.5	75.2	75.2	68.2	65.4	57.1	55.6	48.0	46.8	41.3
92.5°	40.0	38.1	36.5	34.1	32.6	30.6	28.6	26.7	24.7	23.7	23.5
95°	49.5	46.9	44.1	41.3	38.4	35.6	33.0	30.2	27.3	26.8	26.2
97.5°	56.0	52.7	49.4	46.2	42.8	39.5	36.4	33.0	29.7	29.3	28.9
100°	94.9	87.5	79.8	72.1	64.5	56.8	49.4	41.7	34.2	33.8	33.4
102.5°	208.3	189.9	171.4	153.0	134.7	116.1	97.7	79.1	60.7	58.0	55.4
105°	365.0	336.9	309.3	281.4	253.4	225.3	197.6	169.4	141.5	132.5	123.5
107.5°	478.7	452.4	426.4	400.3	373.9	347.9	321.6	295.3	269.0	253.3	237.6
110°	531.2	510.5	490.1	469.4	448.7	428.1	407.3	386.6	365.9	352.4	339.1



TEST NUMBER: P1444554
 CATALOG NUMBER: EHBR1-54-UNV-TA-L835-UPL12

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	527.2	512.3	497.6	482.5	467.6	452.5	437.7	422.6	407.4	399.5	391.4
115°	480.6	471.9	463.3	454.6	445.8	437.1	428.4	419.3	410.3	406.4	402.5
117.5°	425.1	421.0	417.1	413.1	408.9	404.6	400.6	396.4	392.1	391.0	390.0
120°	369.2	368.6	367.7	367.1	366.4	365.7	364.9	364.0	363.0	363.9	364.7
122.5°	323.5	324.9	326.6	327.6	329.3	330.4	332.0	333.0	334.2	336.3	338.1
125°	293.1	295.3	297.8	300.0	302.2	304.6	307.0	308.9	311.3	313.1	315.3
127.5°	273.1	275.5	278.2	280.6	283.3	285.7	288.3	290.5	293.0	295.0	297.3
130°	260.9	263.2	265.8	268.0	270.4	272.9	275.2	277.6	279.8	281.9	283.8
132.5°	253.9	256.3	258.7	260.7	263.3	265.3	267.7	269.8	272.5	274.0	276.0
135°	252.0	253.7	255.9	257.6	259.9	261.6	263.6	265.8	268.0	269.6	271.4
137.5°	250.8	252.4	254.3	255.9	257.9	259.5	261.6	263.3	265.6	266.7	268.7
140°	250.5	252.2	253.9	255.6	257.4	259.1	261.3	263.1	265.3	266.6	268.3
142.5°	251.7	252.9	254.4	255.8	257.4	258.8	260.7	262.5	264.4	266.0	267.4
145°	252.2	253.5	255.1	256.4	257.8	259.5	261.6	263.4	265.4	266.7	268.2
147.5°	253.9	255.0	256.5	257.7	259.2	260.3	262.4	263.9	265.9	267.2	268.4
150°	254.9	255.9	257.1	258.3	259.8	261.3	263.1	264.7	266.8	268.1	269.3
152.5°	255.8	256.9	258.1	259.6	260.9	262.6	264.3	266.1	267.9	269.0	270.4
155°	257.4	258.3	259.8	261.1	262.7	263.9	265.7	267.3	269.1	270.3	271.5
157.5°	260.4	261.2	262.7	263.9	265.3	266.6	268.4	269.7	271.3	272.4	273.3
160°	264.2	265.2	266.5	267.7	269.0	270.2	271.7	272.9	274.3	275.4	276.3
162.5°	268.6	269.7	270.9	271.9	273.3	274.6	276.1	277.2	278.6	279.3	280.4
165°	274.0	275.0	276.1	276.9	277.9	278.8	280.0	281.0	282.3	282.8	283.9
167.5°	281.3	281.8	282.5	283.2	284.3	285.0	286.1	286.8	287.8	288.6	289.3
170°	286.4	287.0	287.5	288.3	289.0	289.7	290.4	291.0	292.0	292.6	293.3
172.5°	291.7	291.9	292.5	292.8	293.3	293.6	294.3	294.8	295.2	295.9	296.3
175°	296.5	296.5	296.8	296.9	297.1	297.3	297.8	298.1	298.4	298.7	298.9
177.5°	300.1	300.2	300.2	300.3	300.7	300.8	301.0	301.1	301.4	301.6	301.9
180°	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1



TEST NUMBER: P1444554
 CATALOG NUMBER: EHBR1-54-UNV-TA-L835-UPL12

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7
2.5°	44773.5	44773.0	44771.5	44769.5	44767.6	44768.7	44770.7	44775.8	44784.8	44797.8	44814.8
5°	44616.4	44625.5	44630.7	44631.3	44626.7	44623.9	44628.1	44640.4	44665.3	44707.0	44763.2
7.5°	44451.6	44462.8	44480.2	44493.2	44495.7	44492.5	44493.2	44512.5	44558.2	44639.3	44753.0
10°	44275.6	44242.1	44259.8	44292.1	44317.7	44322.3	44325.5	44348.3	44415.2	44537.8	44720.4
12.5°	44113.1	44007.2	43986.7	44015.8	44054.8	44067.3	44063.8	44073.6	44152.0	44314.2	44568.7
15°	43899.3	43700.0	43631.9	43639.4	43687.5	43704.9	43692.2	43672.9	43749.3	43947.3	44276.7
17.5°	43553.3	43232.0	43106.8	43101.3	43157.6	43172.5	43141.6	43081.7	43156.9	43404.0	43813.1
20°	43027.4	42553.0	42317.3	42279.8	42341.0	42323.1	42261.4	42170.8	42269.7	42570.0	43056.5
22.5°	42081.9	41480.8	41078.2	40948.2	41021.3	40972.6	40882.5	40766.8	40898.2	41239.5	41781.2
25°	40536.9	39842.5	39291.0	38981.7	39040.0	38952.6	38854.5	38714.3	38871.0	39262.7	39859.1
27.5°	38266.0	37463.8	36780.5	36268.5	36287.3	36172.8	36059.8	35878.4	36073.9	36537.6	37210.2
30°	35246.2	34318.1	33485.9	32789.9	32727.7	32616.7	32501.0	32262.9	32507.6	33062.7	33848.7
32.5°	31453.9	30423.4	29461.9	28582.0	28416.0	28307.6	28204.5	27930.5	28251.0	28898.2	29801.2
35°	27019.0	25921.1	24878.8	23873.8	23598.8	23490.4	23400.3	23137.8	23537.7	24242.0	25217.2
37.5°	22151.0	21029.5	19994.6	18964.1	18575.5	18428.5	18363.1	18191.0	18652.4	19349.0	20328.3
40°	17153.6	16110.8	15183.0	14272.7	13829.7	13604.8	13570.5	13539.2	13985.2	14589.6	15478.4
42.5°	12478.5	11637.3	10921.8	10226.1	9824.7	9517.5	9517.3	9610.6	10012.1	10464.8	11150.2
45°	8631.8	8067.2	7611.3	7146.5	7270.7	6658.4	7018.2	6833.5	7032.0	7323.8	7769.6
47.5°	5933.5	5625.3	5374.9	5115.2	4925.9	4745.1	4760.9	4877.5	5064.4	5237.6	5469.5
50°	4324.5	4167.5	4040.0	3905.1	3810.9	3731.2	3735.8	3786.3	3884.5	3975.7	4097.1
52.5°	3388.5	3301.9	3232.7	3158.2	3108.7	3069.0	3071.2	3095.7	3148.8	3200.9	3270.5
55°	2793.0	2782.5	2692.4	2625.5	2600.0	2573.4	2578.2	2587.9	2624.0	2654.5	2700.6
57.5°	2340.5	2300.0	2273.1	2237.8	2221.6	2203.0	2207.1	2210.8	2235.0	2255.4	2288.6
60°	2021.0	1992.4	1973.3	1949.2	1938.6	1926.7	1929.4	1931.6	1947.1	1960.4	1984.2
62.5°	1808.7	1783.1	1766.5	1747.9	1740.5	1732.5	1734.4	1734.9	1744.6	1754.4	1772.5
65°	1645.9	1625.6	1611.8	1595.8	1587.9	1579.6	1580.5	1580.5	1588.6	1595.8	1609.3
67.5°	1473.7	1458.4	1449.5	1436.8	1431.5	1423.0	1422.8	1420.1	1425.4	1428.3	1437.5
70°	1335.6	1320.1	1308.6	1296.5	1289.8	1282.3	1282.4	1282.6	1288.8	1295.3	1307.1
72.5°	1250.1	1235.4	1225.2	1214.5	1208.2	1201.8	1200.7	1200.1	1204.6	1208.0	1215.9
75°	1137.1	1125.3	1119.3	1109.3	1104.3	1097.1	1096.0	1092.7	1094.8	1095.5	1101.3
77.5°	1000.0	988.8	984.0	973.8	969.6	961.5	960.8	957.1	958.9	957.6	962.2
80°	843.6	833.5	830.8	822.4	820.5	812.9	811.8	807.3	808.7	805.2	806.8
82.5°	669.1	659.8	657.8	650.1	650.1	643.3	643.0	636.2	636.2	630.4	621.0
85°	471.3	464.5	461.6	455.3	453.5	448.1	445.2	438.7	436.3	432.2	430.9
87.5°	248.7	244.4	240.6	237.6	232.1	222.2	221.5	214.6	215.1	210.3	210.6
90°	40.7	35.8	35.5	30.9	30.3	27.2	27.0	26.3	26.4	26.0	26.3
92.5°	22.8	22.1	21.5	20.8	20.2	19.6	18.9	19.6	20.2	20.8	21.5
95°	25.6	25.0	24.5	23.9	23.4	22.8	22.2	22.8	23.4	24.0	24.6
97.5°	28.6	28.2	27.8	27.4	27.1	26.8	26.4	27.0	27.3	27.6	28.0
100°	33.0	32.5	32.1	31.6	31.2	30.7	30.3	31.0	31.5	31.9	32.4
102.5°	52.8	50.1	47.5	44.8	42.1	39.5	36.7	39.5	42.1	44.9	47.6
105°	114.4	105.6	96.6	87.6	78.4	69.4	60.4	69.6	78.6	87.8	96.9
107.5°	221.6	205.9	190.0	174.3	158.1	142.4	126.5	142.6	158.5	174.5	190.4
110°	325.4	311.7	298.2	284.6	270.9	257.3	243.6	257.4	271.2	284.9	298.6



TEST NUMBER: P1444554
 CATALOG NUMBER: EHBR1-54-UNV-TA-L835-UPL12

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	383.2	375.0	366.9	358.9	350.4	342.4	333.9	342.7	351.0	359.6	367.9
115°	398.4	394.2	390.3	386.2	381.8	377.7	373.2	378.2	382.6	387.2	391.6
117.5°	388.8	387.8	386.6	385.4	384.1	382.9	381.4	383.3	384.9	386.9	388.2
120°	365.3	366.2	366.9	367.4	368.1	368.6	368.8	369.2	369.2	369.2	369.0
122.5°	339.9	341.9	343.4	345.2	346.8	348.4	349.7	349.1	348.2	347.4	346.1
125°	317.1	319.4	321.1	323.1	324.7	326.6	327.7	327.4	326.6	325.6	324.2
127.5°	299.3	301.3	303.0	305.1	306.7	308.2	309.6	309.3	308.5	307.7	306.5
130°	285.6	287.7	289.2	291.1	292.4	293.8	294.8	294.8	294.3	294.0	293.0
132.5°	277.6	279.5	281.2	282.8	283.9	285.4	286.0	286.4	286.1	285.9	285.2
135°	273.0	274.6	276.1	277.8	278.8	279.9	280.5	281.1	281.0	281.0	280.4
137.5°	269.9	271.7	272.9	274.1	275.1	276.0	276.4	277.1	277.2	277.7	277.3
140°	269.7	271.3	272.8	273.8	275.1	276.1	276.4	277.2	277.4	277.5	277.2
142.5°	269.0	270.4	271.9	273.1	274.1	275.1	275.7	276.2	276.4	276.5	276.3
145°	269.6	270.8	272.2	273.4	274.2	275.0	275.3	276.1	276.3	276.6	276.6
147.5°	269.7	271.2	272.1	273.2	274.0	274.7	275.2	275.8	276.1	276.3	276.4
150°	270.8	272.1	273.1	274.2	275.2	276.0	276.1	276.9	277.2	277.3	277.3
152.5°	271.6	272.7	273.7	274.6	275.6	276.1	276.5	277.2	277.8	278.1	278.2
155°	272.6	273.7	274.7	275.7	276.3	277.2	277.9	278.6	279.1	279.3	279.7
157.5°	274.3	275.5	276.3	277.3	278.0	279.0	279.6	280.5	281.0	281.7	282.0
160°	277.2	278.4	279.1	280.0	280.8	281.7	282.4	283.1	283.8	284.3	285.0
162.5°	281.2	282.3	282.7	283.7	284.6	285.4	286.0	286.9	287.6	288.2	288.8
165°	284.8	285.7	286.4	287.4	288.3	289.1	289.7	290.5	290.9	291.6	292.0
167.5°	290.0	291.0	291.6	292.4	292.9	293.9	294.7	295.2	295.6	296.1	296.5
170°	293.9	294.7	295.3	295.9	296.7	297.4	297.8	298.2	298.7	299.1	299.5
172.5°	296.8	297.6	298.2	298.9	299.4	300.0	300.6	301.0	301.3	301.4	301.5
175°	299.3	299.9	300.3	300.7	301.1	301.5	302.0	302.0	302.4	302.4	302.6
177.5°	302.3	302.9	303.3	303.5	303.9	304.1	304.5	304.3	304.3	304.1	303.9
180°	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1



TEST NUMBER: P1444554
 CATALOG NUMBER: EHBR1-54-UNV-TA-L835-UPL12

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7
2.5°	44838.8	44861.2	44895.6	44926.7	44973.5	45010.5	45065.9	45108.0	45170.6	45211.3	45279.3
5°	44842.8	44930.6	45045.9	45158.4	45293.8	45416.6	45569.3	45699.4	45852.9	45978.0	46135.0
7.5°	44906.2	45075.3	45278.2	45482.5	45713.5	45929.7	46173.2	46393.6	46634.6	46838.5	47061.2
10°	44953.0	45213.9	45512.7	45813.4	46129.9	46424.0	46720.8	46977.3	47217.1	47414.3	47588.7
12.5°	44889.5	45249.0	45632.5	46002.7	46354.6	46659.0	46914.4	47111.7	47247.8	47340.3	47361.9
15°	44674.0	45106.5	45523.4	45892.1	46184.2	46409.4	46526.0	46580.6	46522.0	46424.7	46210.9
17.5°	44271.2	44727.4	45100.1	45391.0	45545.4	45606.5	45509.9	45341.9	45013.6	44649.2	44122.9
20°	43532.8	43957.9	44228.3	44386.9	44345.7	44193.0	43828.4	43385.2	42729.7	42031.1	41109.3
22.5°	42237.7	42609.3	42753.4	42765.2	42513.3	42131.0	41473.4	40713.2	39679.1	38604.1	37282.0
25°	40293.6	40619.1	40641.9	40514.0	40053.1	39433.6	38467.9	37392.5	35987.4	34554.9	32898.2
27.5°	37657.1	37969.3	37892.9	37654.3	37014.3	36185.4	34949.0	33559.8	31827.5	30135.6	28302.9
30°	34342.8	34676.6	34586.9	34280.9	33519.7	32539.9	31085.2	29471.2	27547.9	25740.8	23883.7
32.5°	30376.6	30798.6	30736.7	30445.8	29651.5	28602.9	27024.5	25312.6	23344.9	21564.2	19757.6
35°	25868.4	26380.8	26407.3	26217.2	25479.8	24443.4	22884.7	21227.8	19343.1	17662.8	15993.9
37.5°	21011.4	21605.5	21727.4	21676.2	21065.0	20150.2	18730.0	17243.6	15573.8	14101.3	12674.0
40°	16127.4	16728.8	16937.4	16999.4	16548.3	15839.7	14674.1	13474.4	12113.3	10920.0	9786.7
42.5°	11673.5	12206.6	12408.2	12535.2	12253.6	11781.1	10930.8	10059.6	9062.4	8201.7	7376.6
45°	8107.5	8484.6	8638.0	8765.7	8612.3	8345.7	7808.8	7263.9	6605.6	6043.3	5510.7
47.5°	5668.4	5876.4	5977.6	6039.6	5980.1	5841.1	5548.9	5233.2	4861.7	4533.0	4217.0
50°	4201.6	4312.2	4365.1	4401.0	4357.7	4280.4	4122.2	3950.4	3746.3	3560.2	3378.3
52.5°	3329.6	3393.1	3424.5	3443.8	3419.0	3371.8	3279.6	3177.7	3055.4	2940.4	2880.0
55°	2805.0	2801.7	2874.4	2839.3	2874.4	2796.0	2779.5	2667.5	2565.9	2494.3	2416.9
57.5°	2313.2	2346.2	2360.2	2375.8	2365.7	2351.3	2312.2	2272.1	2218.5	2173.7	2125.9
60°	2002.4	2029.5	2044.8	2060.3	2059.3	2053.9	2031.4	2007.3	1973.9	1947.1	1918.1
62.5°	1788.3	1811.7	1826.9	1841.7	1843.1	1840.8	1823.8	1807.1	1784.3	1767.4	1747.4
65°	1619.8	1636.2	1646.6	1658.4	1657.8	1654.6	1639.0	1625.3	1606.5	1594.8	1580.2
67.5°	1443.5	1456.0	1463.9	1475.1	1477.2	1477.9	1469.5	1463.0	1453.8	1450.5	1445.4
70°	1318.1	1333.2	1346.0	1360.2	1367.8	1371.5	1367.8	1364.5	1359.2	1356.9	1353.0
72.5°	1223.2	1236.0	1246.0	1258.9	1265.9	1271.2	1268.4	1266.5	1261.9	1261.2	1258.5
75°	1105.4	1114.2	1119.8	1129.4	1133.3	1138.1	1135.9	1137.1	1135.6	1139.3	1139.1
77.5°	963.6	970.1	972.8	979.8	980.5	986.3	987.7	994.4	999.3	1010.0	1015.6
80°	804.1	808.3	808.3	815.5	818.7	828.4	833.1	844.2	849.4	858.9	859.8
82.5°	624.6	619.9	624.6	621.6	630.8	641.8	643.3	652.8	655.0	661.0	656.3
85°	427.0	426.7	422.9	423.5	420.7	422.1	420.4	422.2	420.5	420.7	416.4
87.5°	204.6	206.4	202.0	203.4	199.2	201.1	197.3	200.3	195.8	196.4	189.8
90°	26.1	26.3	26.2	26.5	27.3	28.1	29.3	30.2	31.9	32.7	34.0
92.5°	22.1	23.0	23.7	24.2	24.9	26.9	28.8	30.8	32.9	34.7	36.7
95°	25.1	25.7	26.3	27.2	27.8	30.6	33.5	36.3	39.1	42.0	44.8
97.5°	28.7	29.1	29.4	29.8	30.3	33.6	37.0	40.3	43.6	47.0	50.1
100°	33.0	33.5	33.8	34.5	34.9	42.6	50.2	57.9	65.5	73.1	80.8
102.5°	50.4	53.1	55.9	58.8	61.5	80.1	98.7	117.2	135.6	154.2	172.6
105°	105.9	114.9	124.4	133.4	142.4	170.6	198.8	226.9	254.6	282.7	310.9
107.5°	206.4	222.3	238.5	254.4	270.3	296.8	323.1	349.5	375.9	402.3	428.3
110°	312.8	326.2	340.2	354.0	367.8	388.4	409.5	430.2	451.1	471.9	492.6



TEST NUMBER: P1444554
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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°	376.4	384.6	393.1	401.1	409.6	424.8	440.2	455.3	470.7	485.5	500.6
115°	396.1	400.1	404.6	408.8	413.3	422.3	431.2	440.2	449.3	458.0	467.2
117.5°	389.8	391.2	392.8	393.8	395.2	399.7	404.1	408.5	413.0	417.3	421.7
120°	368.8	368.4	368.1	367.4	367.0	367.9	369.1	370.1	371.3	372.0	372.8
122.5°	345.1	343.4	342.1	340.5	339.1	337.8	336.8	335.6	334.8	333.5	332.4
125°	323.1	321.4	320.0	318.2	316.5	314.5	312.7	310.5	308.4	306.4	304.3
127.5°	305.6	304.0	302.6	300.9	299.2	296.8	294.7	292.2	290.1	287.6	285.4
130°	292.2	290.9	289.8	288.0	286.9	284.4	282.5	280.2	278.0	275.9	273.6
132.5°	284.6	283.4	282.5	280.9	279.7	277.5	275.9	273.4	271.4	269.3	267.3
135°	279.9	279.1	278.4	277.1	276.0	273.9	272.4	270.4	268.7	266.9	265.2
137.5°	277.2	276.2	275.7	274.8	273.9	272.1	270.7	268.9	267.5	265.7	264.3
140°	277.0	276.3	275.8	275.0	274.1	272.5	270.9	269.2	267.7	266.1	264.6
142.5°	276.0	275.5	274.9	274.1	273.3	271.8	270.9	269.5	268.1	266.8	265.6
145°	276.3	275.9	275.7	274.9	274.6	273.0	271.9	270.3	269.4	267.9	266.7
147.5°	276.5	276.1	276.0	275.6	275.4	274.1	273.3	272.1	271.3	270.0	269.3
150°	277.4	277.3	277.1	276.7	276.5	275.5	274.9	273.7	273.1	272.0	271.3
152.5°	278.3	278.4	278.4	278.3	278.4	277.7	276.9	276.1	275.3	274.3	273.6
155°	280.0	280.2	280.3	280.3	280.3	279.7	279.2	278.5	277.9	277.1	276.5
157.5°	282.4	282.6	282.9	283.1	283.3	282.8	282.4	281.8	281.3	280.6	280.1
160°	285.4	285.8	286.1	286.3	286.7	286.3	286.1	285.5	285.3	284.6	283.9
162.5°	289.2	289.7	290.0	290.2	290.5	290.1	290.0	289.6	289.1	288.4	287.9
165°	292.5	292.6	293.1	293.2	293.4	293.1	293.0	292.7	292.4	292.0	291.8
167.5°	296.9	297.0	297.5	297.6	297.8	297.6	298.0	297.5	297.3	297.1	296.9
170°	299.8	300.1	300.3	300.5	300.7	300.5	300.4	300.2	300.3	299.7	299.5
172.5°	301.7	301.8	301.9	302.2	302.2	302.1	302.0	301.9	301.9	301.8	301.6
175°	302.6	302.6	302.8	302.9	302.8	302.9	302.9	303.0	302.9	302.9	302.8
177.5°	304.1	304.1	303.8	303.7	303.7	303.6	303.7	303.7	303.9	303.8	303.7
180°	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1



TEST NUMBER: P1444554
 CATALOG NUMBER: EHBR1-54-UNV-TA-L835-UPL12

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7
2.5°	45321.4	45041.6	45004.6	45024.2	45071.1	45088.3	45138.8	45152.6	45203.4	45215.9	45264.7
5°	46256.6	45886.7	45905.1	45994.0	46128.7	46209.0	46341.4	46410.6	46536.9	46594.4	46708.6
7.5°	47242.7	46952.2	47042.8	47192.8	47376.9	47504.4	47663.4	47767.0	47904.0	47989.1	48098.8
10°	47726.8	47647.2	47747.0	47865.0	47970.1	48052.3	48119.7	48173.7	48209.0	48242.1	48256.6
12.5°	47358.4	47481.6	47498.6	47487.2	47417.5	47364.4	47245.0	47164.0	47020.0	46932.2	46760.9
15°	45992.6	46263.4	46113.4	45886.3	45554.0	45277.0	44885.8	44594.4	44187.0	43910.6	43501.7
17.5°	43595.5	43937.4	43546.5	43021.1	42352.6	41780.7	41068.7	40503.4	39795.3	39280.4	38619.6
20°	40220.9	40540.4	39843.2	38972.2	37938.1	37067.9	36041.7	35222.9	34269.2	33559.8	32703.7
22.5°	36019.2	36246.8	35264.7	34090.4	32773.0	31685.8	30458.8	29477.2	28388.8	27577.8	26665.0
25°	31370.8	31432.3	30254.2	28901.3	27433.1	26211.2	24901.2	23869.1	22759.2	21937.3	21041.3
27.5°	26679.2	26589.1	25315.8	23881.4	22336.9	21066.8	19789.2	18822.1	17849.9	17109.5	16337.7
30°	22250.9	22032.8	20710.7	19236.3	17737.1	16598.7	15538.1	14761.4	13988.0	13400.7	12781.1
32.5°	18190.1	17882.4	16595.4	15214.1	13950.8	13072.4	12285.9	11698.2	11073.6	10577.5	10057.6
35°	14593.3	14265.4	13125.4	11954.3	10998.1	10350.6	9732.5	9250.3	8720.0	8301.5	7849.9
37.5°	11506.4	11237.7	10282.7	9361.2	8638.0	8136.2	7629.7	7235.6	6797.4	6613.3	6130.8
40°	8882.9	8695.1	7948.4	7269.0	6726.0	6490.3	5976.2	5608.0	5280.6	5010.5	4748.9
42.5°	6928.8	6862.3	6135.7	5605.9	5223.4	4926.4	4639.9	4407.3	4180.9	3994.7	3818.9
45°	5084.7	5032.1	4709.4	4403.6	4143.1	3935.5	3741.9	3581.9	3433.8	3311.2	3199.6
47.5°	3959.4	3942.7	3756.8	3567.2	3403.1	3269.7	3144.0	3037.7	2939.5	2857.6	2831.0
50°	3220.4	3218.3	3109.2	2992.2	2875.2	2798.1	2717.9	2655.2	2592.1	2542.9	2491.1
52.5°	2736.3	2724.4	2650.8	2578.6	2509.2	2458.6	2407.3	2367.1	2325.3	2295.1	2262.7
55°	2355.7	2368.1	2325.5	2282.4	2239.0	2207.4	2171.6	2145.1	2116.4	2097.3	2077.8
57.5°	2091.3	2107.8	2085.5	2060.9	2034.5	2013.8	1989.1	1970.8	1951.6	1939.4	1928.1
60°	1899.0	1916.9	1907.9	1895.6	1879.3	1867.0	1851.2	1841.0	1828.7	1821.9	1815.5
62.5°	1735.8	1758.3	1755.1	1749.3	1738.8	1731.9	1723.3	1718.8	1710.7	1707.7	1704.7
65°	1573.0	1598.3	1597.8	1594.9	1589.1	1587.2	1581.8	1580.8	1576.6	1578.3	1578.0
67.5°	1444.9	1466.9	1471.8	1475.3	1475.1	1476.4	1476.0	1478.1	1478.1	1481.3	1483.2
70°	1352.5	1367.8	1371.5	1375.2	1376.2	1379.2	1379.2	1381.0	1380.5	1383.2	1383.6
72.5°	1259.1	1279.3	1283.0	1286.0	1286.0	1288.8	1287.3	1286.8	1282.8	1281.9	1279.1
75°	1143.0	1168.8	1174.4	1178.1	1178.6	1181.1	1177.6	1175.4	1168.8	1166.1	1161.4
77.5°	1021.6	1048.4	1052.3	1053.7	1051.6	1052.0	1044.8	1039.7	1031.2	1027.7	1023.2
80°	863.5	903.0	906.2	903.7	897.6	896.5	889.3	884.7	874.6	871.1	867.2
82.5°	657.1	703.5	710.0	712.8	707.7	708.9	702.1	699.4	690.1	688.4	682.2
85°	414.9	461.2	468.8	467.6	462.7	461.5	457.5	458.8	458.0	460.5	461.8
87.5°	190.6	235.4	246.3	242.7	242.2	239.1	231.9	234.6	238.9	241.7	241.9
90°	35.1	49.7	50.5	50.9	46.8	46.5	42.9	43.4	40.5	40.8	38.0
92.5°	38.7	40.6	42.6	40.8	39.1	37.3	35.6	33.6	32.1	30.2	28.6
95°	47.6	50.0	52.8	50.5	48.1	45.8	43.4	41.2	38.9	36.6	34.2
97.5°	53.4	56.5	59.6	57.3	55.0	52.5	50.1	47.9	45.6	43.1	40.8
100°	88.4	95.4	102.9	96.3	89.6	83.0	76.4	69.7	63.1	56.5	49.7
102.5°	191.0	209.1	227.4	210.5	193.8	177.0	160.3	143.5	126.8	109.9	93.3
105°	338.6	366.0	393.8	367.9	342.3	316.8	291.2	265.7	240.1	214.4	189.0
107.5°	454.6	479.7	505.5	482.2	459.0	435.8	412.5	389.3	366.0	342.8	319.7
110°	513.3	532.5	552.9	536.9	521.3	505.3	489.7	473.7	458.0	442.5	426.9



TEST NUMBER: P1444554
 CATALOG NUMBER: EHBR1-54-UNV-TA-L835-UPL12

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	515.6	528.7	543.3	533.5	524.1	514.6	505.2	495.6	486.4	476.9	467.7
115°	475.7	482.3	490.5	486.2	482.1	477.8	473.7	469.7	465.5	461.4	457.8
117.5°	425.9	427.3	430.7	429.2	427.9	426.3	425.0	423.6	422.5	421.2	420.0
120°	373.8	371.6	371.6	371.0	370.7	370.0	369.8	369.3	369.1	368.8	368.7
122.5°	331.0	326.5	324.1	323.5	323.0	322.1	321.7	321.1	320.7	320.2	320.0
125°	302.1	296.2	293.0	291.3	289.6	287.8	286.0	284.2	282.7	281.2	279.7
127.5°	282.9	276.6	273.1	270.6	268.0	265.2	262.7	260.0	257.5	254.7	252.5
130°	271.5	264.9	261.6	258.5	255.7	252.4	249.6	246.6	243.5	240.6	237.6
132.5°	265.2	258.4	255.2	252.4	249.7	246.5	243.9	240.6	237.7	234.5	231.8
135°	263.3	256.7	253.7	250.8	248.5	245.6	242.8	240.0	237.4	234.4	232.0
137.5°	262.5	255.8	253.2	250.6	248.6	246.2	244.1	241.5	239.2	236.4	234.4
140°	262.9	255.9	253.2	251.6	250.2	248.3	246.7	244.9	243.3	241.5	239.7
142.5°	264.2	257.2	254.7	253.5	252.5	251.0	250.2	248.8	247.6	245.8	244.6
145°	265.5	257.8	255.3	254.4	254.1	253.4	252.8	252.0	251.4	250.5	249.9
147.5°	268.0	260.1	257.4	257.1	256.9	256.3	256.2	255.5	255.4	254.8	254.5
150°	270.0	261.1	258.1	258.1	257.8	257.8	257.8	257.5	257.7	257.5	257.4
152.5°	272.6	261.8	258.4	258.3	258.6	258.4	258.5	258.7	259.0	259.1	259.2
155°	275.5	263.7	260.0	259.7	259.6	259.7	259.6	259.8	259.9	260.1	260.3
157.5°	279.3	266.7	263.1	262.6	262.4	262.3	262.2	262.2	262.3	262.4	262.8
160°	283.3	270.7	266.9	266.5	266.3	266.0	265.8	265.6	265.7	265.8	266.0
162.5°	287.2	274.9	271.4	270.8	270.2	270.0	269.9	269.5	269.6	269.5	269.7
165°	291.2	280.2	276.7	276.1	276.1	275.7	275.5	275.3	275.3	275.2	275.4
167.5°	296.2	286.4	283.7	283.2	282.7	282.3	282.3	281.6	281.6	281.2	281.2
170°	299.1	291.4	289.0	288.8	288.8	288.6	288.3	288.3	288.2	287.9	288.0
172.5°	301.4	295.7	293.9	293.9	294.1	294.0	294.2	294.1	294.3	294.4	294.6
175°	302.7	299.3	298.5	298.4	298.4	298.4	298.5	298.5	298.6	298.7	299.0
177.5°	303.9	302.9	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.7	302.7
180°	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1



TEST NUMBER: P1444554
 CATALOG NUMBER: EHBR1-54-UNV-TA-L835-UPL12

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7
2.5°	45273.8	45326.5	45322.6	45371.9	45369.4	45415.8	45406.5	45446.6	45437.5	45471.8	45451.6
5°	46758.9	46859.3	46892.4	46982.9	47001.8	47082.9	47084.6	47148.9	47141.2	47191.6	47164.8
7.5°	48163.8	48257.4	48301.9	48372.3	48407.5	48465.7	48488.6	48536.5	48548.0	48576.3	48575.5
10°	48282.2	48281.9	48304.0	48294.1	48313.8	48302.4	48326.4	48317.7	48353.2	48344.0	48370.9
12.5°	46687.0	46528.7	46470.9	46328.6	46297.5	46175.5	46184.2	46105.9	46143.7	46095.6	46177.5
15°	43258.4	42891.2	42709.7	42390.4	42290.2	42037.8	42017.3	41849.7	41895.0	41807.2	41935.4
17.5°	38192.1	37613.8	37296.5	36830.2	36645.1	36288.0	36216.5	36000.7	36034.2	35925.5	36080.3
20°	32151.5	31452.7	31052.5	30513.3	30272.7	29847.1	29734.3	29492.8	29523.1	29414.9	29590.1
22.5°	26042.1	25310.7	24858.8	24293.5	23986.4	23586.1	23466.1	23223.6	23237.3	23135.8	23304.2
25°	20427.7	19726.4	19287.9	18774.5	18507.9	18140.9	18014.8	17797.0	17809.3	17725.5	17876.7
27.5°	15802.3	15226.9	14859.9	14429.6	14190.7	13889.0	13766.0	13582.8	13582.3	13520.9	13647.2
30°	12348.6	11868.5	11539.0	11164.2	10939.8	10667.6	10548.7	10384.9	10377.7	10334.1	10434.6
32.5°	9668.7	9241.6	8941.2	8611.3	8409.8	8176.2	8063.7	7932.1	7920.1	7880.6	7963.0
35°	7516.1	7156.5	6898.2	6620.5	6640.9	6296.2	6353.5	6085.8	6013.2	5997.4	6058.7
37.5°	5809.1	5530.6	5320.7	5112.7	4971.8	4826.2	4747.7	4677.4	4669.3	4662.5	4705.5
40°	4546.9	4352.0	4199.3	4056.7	3959.7	3870.8	3821.8	3783.2	3774.0	3768.8	3794.8
42.5°	3680.1	3548.5	3450.1	3363.0	3304.2	3255.9	3228.9	3207.4	3200.2	3200.4	3215.7
45°	3109.2	3029.4	2966.0	2911.9	2874.2	2890.7	2842.2	2867.7	2834.0	2868.8	2845.8
47.5°	2738.1	2670.1	2630.9	2592.6	2569.8	2551.5	2552.1	2552.4	2559.6	2560.8	2568.2
50°	2451.7	2412.4	2385.1	2360.6	2348.8	2339.2	2342.5	2345.0	2352.0	2352.5	2358.0
52.5°	2239.8	2213.9	2197.5	2182.3	2177.0	2171.6	2173.9	2172.8	2176.0	2174.4	2178.8
55°	2067.3	2055.1	2050.0	2044.3	2045.1	2043.7	2044.6	2039.1	2035.8	2031.6	2035.5
57.5°	1925.8	1924.1	1927.6	1929.9	1936.4	1938.8	1940.3	1933.9	1927.9	1922.5	1925.6
60°	1816.7	1819.4	1828.0	1835.0	1844.4	1848.7	1851.4	1847.7	1843.3	1838.9	1841.5
62.5°	1709.1	1713.3	1723.7	1731.5	1742.8	1748.6	1755.1	1755.5	1757.1	1755.5	1757.2
65°	1584.3	1589.5	1598.8	1605.3	1615.8	1620.9	1627.6	1628.8	1632.5	1631.6	1634.8
67.5°	1489.4	1494.1	1501.9	1508.1	1517.4	1522.7	1528.5	1528.9	1530.2	1529.9	1532.9
70°	1388.2	1390.5	1397.5	1402.7	1412.0	1417.5	1424.2	1426.1	1430.3	1431.0	1434.3
72.5°	1280.3	1279.3	1283.5	1285.8	1292.8	1297.2	1305.6	1310.2	1317.2	1319.1	1321.6
75°	1162.8	1161.8	1166.7	1168.8	1174.8	1179.1	1188.6	1194.8	1205.5	1210.1	1208.9
77.5°	1026.7	1029.1	1038.4	1043.5	1051.6	1057.1	1069.4	1079.2	1099.0	1107.7	1098.9
80°	874.6	877.0	886.7	891.6	902.0	908.7	922.5	934.0	951.8	955.7	950.6
82.5°	687.6	688.2	697.0	700.6	714.2	724.0	741.6	750.7	761.7	760.0	758.7
85°	468.8	475.1	486.0	496.8	513.4	529.4	545.9	559.6	549.9	565.1	548.1
87.5°	250.5	249.9	264.5	262.2	285.6	299.0	313.3	320.2	327.8	326.3	326.5
90°	39.0	36.7	38.0	35.4	37.9	34.9	38.5	36.0	40.4	36.7	43.0
92.5°	26.7	25.9	24.8	24.0	22.9	22.2	21.0	20.1	19.2	18.2	19.2
95°	31.9	31.0	30.2	29.1	28.2	27.4	26.6	25.7	24.8	23.9	25.0
97.5°	38.5	38.0	37.5	36.9	36.5	36.0	35.5	34.9	34.2	33.7	34.4
100°	43.1	43.1	43.1	43.1	42.9	42.9	42.9	42.9	42.9	42.9	43.4
102.5°	76.4	74.8	73.1	71.3	69.6	67.9	66.2	64.6	62.9	61.3	63.7
105°	163.4	156.9	150.3	143.7	137.0	130.5	124.0	117.4	110.9	104.4	111.1
107.5°	296.7	284.8	272.7	260.8	248.8	236.9	225.0	213.2	201.3	189.5	200.1
110°	411.2	398.5	385.7	373.1	360.3	347.6	335.0	322.4	309.8	297.2	307.3



TEST NUMBER: P1444554
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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°	458.5	449.8	441.7	433.3	425.0	416.9	408.7	400.6	392.5	384.4	389.3
115°	453.7	449.6	445.5	441.5	437.5	433.3	429.3	425.5	421.7	417.8	418.1
117.5°	419.0	417.2	415.8	414.1	412.6	411.2	409.9	408.6	407.2	406.2	403.5
120°	368.7	368.6	368.4	368.6	368.7	369.1	369.1	369.7	370.2	370.7	367.0
122.5°	319.7	319.9	320.3	320.9	321.5	322.3	323.0	324.1	325.2	326.3	322.6
125°	278.1	278.3	278.6	279.1	279.3	280.2	280.9	282.1	282.9	284.2	281.1
127.5°	250.1	249.6	248.9	248.8	248.4	248.6	248.7	249.2	249.7	250.3	248.3
130°	234.6	233.4	232.1	231.2	230.1	229.5	229.1	228.5	228.2	228.2	227.7
132.5°	228.7	227.0	225.2	223.7	222.2	221.2	219.9	219.3	218.6	218.2	218.1
135°	228.9	226.9	224.9	222.9	221.1	220.0	218.5	217.6	216.5	215.8	216.4
137.5°	231.9	230.0	227.9	226.1	224.3	223.0	221.5	220.5	219.6	218.8	219.5
140°	238.0	236.0	234.0	232.2	230.7	229.3	228.0	227.1	225.8	225.5	225.8
142.5°	243.3	241.8	239.9	238.3	236.8	235.6	234.6	233.7	232.5	232.2	232.7
145°	248.9	247.7	246.3	245.0	244.0	243.3	242.0	241.6	241.0	241.0	241.2
147.5°	253.8	253.2	251.8	251.1	250.0	249.6	248.8	248.5	248.0	248.0	248.1
150°	257.2	256.8	256.0	255.5	254.9	254.6	254.1	254.0	253.7	253.7	253.8
152.5°	259.3	259.0	258.4	258.1	257.6	257.5	257.2	257.2	257.1	257.2	257.2
155°	260.5	260.3	260.2	260.1	260.1	260.3	260.2	260.6	260.6	260.9	261.1
157.5°	262.9	263.1	263.1	263.4	263.5	263.9	263.9	264.5	264.7	265.3	265.6
160°	266.4	266.6	266.6	267.0	267.1	267.4	267.7	268.1	268.4	268.8	269.3
162.5°	269.7	270.2	270.4	270.7	271.3	271.6	272.1	272.8	273.1	273.7	274.3
165°	275.5	275.6	275.7	275.8	276.2	276.4	276.6	277.3	277.6	278.2	278.8
167.5°	281.1	281.3	281.3	281.4	281.7	282.1	282.4	282.8	283.3	284.1	284.5
170°	287.7	287.7	287.7	287.7	287.7	288.1	288.2	288.4	288.6	289.0	289.3
172.5°	294.6	294.6	294.2	294.6	294.2	294.6	294.6	294.7	294.7	294.9	295.0
175°	298.8	299.2	299.3	299.5	299.4	299.5	299.6	299.6	299.7	300.0	300.0
177.5°	302.7	302.8	302.8	302.8	302.8	303.0	303.0	303.0	303.0	302.8	302.9
180°	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1



TEST NUMBER: P1444554
 CATALOG NUMBER: EHBR1-54-UNV-TA-L835-UPL12

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7
2.5°	45485.1	45462.3	45485.6	45461.9	45485.6	45457.3	45476.5	45445.8	45453.7	45421.9	45430.0
5°	47204.9	47168.6	47187.9	47140.8	47145.8	47082.9	47081.8	47008.5	46989.2	46905.8	46869.1
7.5°	48595.6	48583.8	48590.5	48560.1	48556.6	48513.7	48493.2	48432.6	48394.5	48317.7	48265.3
10°	48375.5	48411.0	48420.1	48456.3	48463.8	48499.5	48507.0	48542.8	48550.3	48576.8	48577.1
12.5°	46173.7	46294.0	46322.8	46471.6	46534.1	46704.3	46795.5	46982.9	47094.4	47281.3	47396.2
15°	41931.9	42140.2	42223.3	42513.6	42674.2	43013.2	43226.2	43615.5	43890.2	44303.5	44598.4
17.5°	36093.9	36385.0	36516.4	36910.0	37167.0	37667.2	38027.9	38621.4	39075.8	39735.4	40258.1
20°	29620.1	29943.5	30121.8	30571.1	30874.2	31458.7	31908.9	32638.3	33246.5	34082.2	34797.1
22.5°	23357.1	23664.9	23862.8	24319.8	24661.1	25270.8	25774.0	26543.8	27225.3	28167.1	29024.0
25°	17933.8	18215.9	18394.9	18808.2	19128.8	19689.0	20169.5	20909.9	21576.7	22521.3	23400.0
27.5°	13710.2	13946.4	14118.9	14471.4	14754.0	15229.2	15641.9	16253.8	16828.3	17645.6	18428.1
30°	10496.3	10705.8	10873.5	11180.6	11442.6	11854.5	12217.4	12731.4	13206.9	13857.2	14479.7
32.5°	8020.9	8201.2	8350.8	8619.4	8857.2	9228.2	9555.1	10005.6	10413.7	10965.2	11477.4
35°	6115.6	6470.5	6445.3	6815.8	6875.5	7141.7	7433.4	7827.3	8188.7	8657.7	9093.6
37.5°	4746.8	4846.5	4953.4	5117.2	5289.4	5531.6	5778.0	6259.3	6435.8	6790.3	7151.0
40°	3827.8	3895.2	3965.7	4076.5	4197.0	4367.7	4547.1	4776.7	5012.0	5299.4	5592.9
42.5°	3236.0	3274.2	3319.1	3384.3	3458.4	3566.7	3686.7	3842.4	4006.1	4208.3	4414.8
45°	2891.2	2873.1	2886.5	2921.4	2966.2	3031.9	3107.6	3204.1	3310.7	3441.7	3581.2
47.5°	2569.8	2577.1	2581.0	2600.0	2624.0	2668.1	2714.1	2779.5	2905.9	2944.3	3020.5
50°	2357.4	2361.0	2359.8	2369.5	2381.6	2410.3	2440.0	2484.4	2528.7	2587.2	2643.2
52.5°	2179.5	2184.5	2183.9	2190.2	2196.7	2214.8	2233.6	2264.9	2293.9	2331.2	2363.4
55°	2039.0	2045.8	2048.5	2053.8	2057.0	2066.5	2073.9	2088.9	2101.3	2122.4	2141.9
57.5°	1930.9	1940.3	1944.6	1946.4	1942.6	1942.1	1939.6	1942.7	1945.3	1956.6	1967.6
60°	1845.9	1853.3	1854.5	1853.3	1846.4	1841.4	1833.4	1830.8	1829.6	1835.0	1841.0
62.5°	1756.8	1759.5	1757.6	1755.5	1747.4	1742.6	1734.4	1731.4	1728.4	1732.3	1735.5
65°	1633.6	1635.9	1633.6	1632.3	1625.1	1621.3	1614.3	1611.9	1607.9	1609.0	1608.3
67.5°	1533.6	1535.9	1534.0	1532.2	1527.2	1524.8	1519.7	1516.4	1511.5	1509.7	1506.4
70°	1433.8	1435.6	1432.8	1431.0	1425.3	1423.1	1418.4	1417.3	1413.5	1412.6	1408.9
72.5°	1319.1	1319.3	1315.3	1314.1	1310.0	1309.8	1307.7	1309.6	1309.5	1311.4	1310.6
75°	1201.7	1200.1	1195.1	1194.2	1191.1	1192.5	1190.4	1193.2	1193.6	1197.9	1198.4
77.5°	1084.1	1078.0	1068.5	1064.1	1057.7	1056.9	1053.2	1055.7	1054.8	1059.9	1061.8
80°	935.7	928.2	916.0	910.2	902.7	901.6	898.2	901.6	899.9	905.7	909.9
82.5°	747.0	740.5	727.9	723.2	714.6	715.4	711.7	715.4	714.9	723.5	728.6
85°	552.6	548.2	535.2	523.8	511.0	503.4	496.2	494.8	492.7	496.2	499.2
87.5°	319.2	315.1	305.0	298.4	275.9	276.8	268.0	267.5	265.4	263.3	268.0
90°	40.5	45.6	43.4	48.0	46.6	52.0	51.0	56.0	54.0	58.7	57.5
92.5°	20.1	21.0	22.0	22.9	23.9	24.8	25.7	26.7	28.7	30.3	32.8
95°	26.1	27.2	28.3	29.4	30.4	31.6	32.7	33.7	36.7	39.7	42.7
97.5°	35.4	35.9	36.7	37.3	38.1	38.8	39.6	40.2	43.6	46.8	50.0
100°	44.0	44.6	45.2	45.8	46.3	46.9	47.5	48.1	54.5	60.7	66.8
102.5°	66.2	68.6	71.1	73.6	76.2	78.6	81.2	83.6	97.9	112.0	126.1
105°	117.9	124.6	131.6	138.3	145.1	151.7	158.6	165.3	188.1	210.7	233.5
107.5°	210.7	221.4	232.0	242.8	253.5	264.3	274.9	285.7	307.9	330.2	352.3
110°	317.5	327.7	337.9	348.2	358.4	368.6	378.9	389.4	402.9	416.3	429.7



TEST NUMBER: P1444554
 CATALOG NUMBER: EHBR1-54-UNV-TA-L835-UPL12

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	394.3	399.2	404.3	409.5	414.5	419.7	424.9	430.1	437.1	444.0	451.1
115°	418.6	418.9	419.5	419.8	420.4	420.9	421.9	422.5	425.1	427.5	430.2
117.5°	400.7	398.2	395.7	393.2	390.8	388.6	386.4	384.3	384.4	384.5	384.9
120°	363.8	360.2	356.9	353.3	350.2	347.1	344.2	341.4	340.3	339.3	338.4
122.5°	319.3	315.9	312.7	309.4	306.4	303.6	300.9	298.2	297.8	297.6	297.3
125°	278.4	275.8	273.1	270.6	268.5	266.4	264.4	262.5	263.4	264.3	265.6
127.5°	247.0	245.5	244.2	243.0	242.2	241.2	240.7	239.9	241.9	244.0	246.0
130°	227.3	227.0	227.0	226.8	227.3	227.5	228.0	228.3	231.2	233.5	236.3
132.5°	218.6	219.0	219.7	220.4	221.5	222.5	223.9	225.0	227.9	230.5	233.4
135°	216.9	217.7	218.9	219.9	221.6	222.8	224.5	225.9	228.9	231.4	234.4
137.5°	220.5	221.4	222.6	223.9	225.5	226.9	228.8	230.4	232.8	235.1	237.6
140°	226.8	227.5	228.7	229.9	231.2	232.5	234.4	235.7	238.0	239.8	241.7
142.5°	233.7	234.2	235.3	236.4	237.8	238.9	240.5	241.5	243.4	244.7	246.9
145°	241.9	242.5	243.6	244.2	245.4	246.5	247.6	248.7	250.1	251.2	252.6
147.5°	248.8	249.3	250.2	251.0	252.0	252.9	253.7	254.5	255.8	256.7	257.7
150°	254.4	254.9	255.5	255.9	256.8	257.6	258.5	259.1	260.1	260.8	261.8
152.5°	258.0	258.3	258.9	259.3	260.1	260.7	261.3	262.0	263.0	263.5	264.4
155°	261.6	262.3	263.0	263.4	264.3	264.6	265.5	266.0	266.8	267.4	268.3
157.5°	266.3	266.5	267.4	267.8	268.6	269.1	269.7	270.2	271.1	271.6	272.3
160°	269.9	270.6	271.2	272.0	272.8	273.2	274.0	274.8	275.5	276.0	276.6
162.5°	274.9	275.6	276.2	276.7	277.4	278.1	278.6	279.3	280.2	280.6	281.5
165°	279.5	280.0	280.9	281.4	282.3	282.9	283.5	284.3	284.8	285.5	285.9
167.5°	285.2	285.6	286.5	287.0	287.8	288.4	289.0	289.6	290.3	290.6	291.3
170°	289.9	290.4	291.0	291.6	292.1	292.5	293.3	293.7	294.5	294.9	295.5
172.5°	295.3	295.7	296.1	296.4	296.8	297.4	297.8	298.1	298.6	299.0	299.4
175°	300.0	300.0	300.2	300.4	300.5	300.5	300.7	301.0	301.2	301.4	301.6
177.5°	303.0	303.0	303.1	303.2	303.3	303.3	303.4	303.5	303.5	303.5	303.5
180°	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1



TEST NUMBER: P1444554
 CATALOG NUMBER: EHBR1-54-UNV-TA-L835-UPL12

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7
2.5°	45398.2	45400.1	45363.6	45361.6	45327.2	45323.0	45289.5	45279.3	45252.2	45242.4	45214.7
5°	46775.5	46730.9	46627.9	46567.3	46465.4	46398.0	46287.7	46215.8	46109.4	46029.1	45922.1
7.5°	48168.6	48099.3	47983.6	47889.8	47748.5	47635.6	47470.3	47334.8	47155.6	47000.6	46812.5
10°	48577.1	48566.4	48537.0	48494.0	48428.3	48354.4	48241.8	48124.5	47967.4	47796.9	47587.8
12.5°	47571.9	47680.4	47828.5	47916.2	48022.9	48069.7	48113.4	48102.5	48073.7	47987.4	47866.6
15°	45025.4	45330.4	45734.4	46047.4	46407.5	46669.2	46958.2	47138.3	47318.0	47400.9	47451.7
17.5°	40974.6	41552.1	42276.3	42876.5	43569.0	44125.2	44734.9	45193.9	45665.9	46004.0	46309.8
20°	35771.3	36608.1	37632.3	38537.2	39589.4	40503.8	41505.7	42328.3	43176.5	43839.8	44467.7
22.5°	30127.5	31121.2	32359.6	33506.7	34863.1	36082.1	37457.5	38654.6	39904.4	40948.6	41958.2
25°	24577.7	25667.6	27021.7	28301.5	29837.6	31255.6	32886.7	34378.7	35994.0	37396.6	38782.1
27.5°	19510.0	20580.0	21962.4	23324.8	24949.2	26460.1	28207.7	29851.4	31690.8	33387.0	35122.2
30°	15344.8	16252.3	17491.9	18811.4	20413.5	21951.0	23717.7	25408.2	27321.7	29173.6	31128.1
32.5°	12157.2	12848.6	13823.1	14938.8	16417.1	17880.8	19563.0	21194.8	23079.2	24950.0	26982.7
35°	9655.0	10194.3	10937.3	11808.0	13059.9	14321.6	15809.5	17293.6	19051.5	20826.8	22802.5
37.5°	7613.6	8051.0	8632.9	9287.1	10291.2	11326.5	12546.6	13776.9	15304.5	16878.2	18668.8
40°	5945.3	6299.6	6752.6	7240.4	7998.6	8796.4	9739.9	10694.0	11921.3	13207.4	14689.4
42.5°	4670.5	4931.9	5251.9	5608.4	6315.7	6739.3	7379.1	8069.2	8971.4	9905.1	11019.2
45°	3750.8	3929.1	4151.0	4390.1	4718.5	5077.7	5516.0	5975.5	6832.5	7253.0	7930.5
47.5°	3132.4	3252.0	3393.2	3543.9	3737.5	3946.5	4206.3	4472.1	4815.7	5171.9	5589.4
50°	2715.8	2837.5	2885.9	2964.0	3076.0	3195.4	3341.9	3488.4	3672.7	3859.6	4074.4
52.5°	2406.6	2446.3	2499.0	2548.6	2618.1	2753.9	2797.8	2874.4	2977.8	3078.8	3191.8
55°	2170.5	2196.3	2230.6	2260.6	2302.6	2342.7	2400.6	2451.6	2520.4	2581.4	2656.4
57.5°	1986.8	2003.2	2027.0	2046.7	2073.8	2096.4	2130.4	2158.0	2197.6	2232.2	2277.5
60°	1853.2	1864.2	1880.2	1893.0	1910.2	1922.1	1938.9	1951.9	1972.9	1990.3	2015.6
62.5°	1744.2	1749.8	1760.2	1767.8	1778.8	1784.8	1793.8	1799.4	1810.9	1819.7	1833.8
65°	1613.3	1614.6	1621.6	1624.8	1633.4	1636.6	1643.9	1646.6	1656.1	1662.5	1675.0
67.5°	1506.0	1503.1	1503.2	1500.8	1501.9	1499.4	1500.1	1497.4	1501.3	1503.2	1512.7
70°	1408.2	1404.0	1402.7	1398.2	1396.8	1392.2	1390.8	1386.7	1386.2	1384.8	1388.2
72.5°	1312.8	1311.6	1311.9	1308.8	1308.4	1305.3	1305.4	1303.5	1305.6	1306.6	1310.9
75°	1203.0	1203.4	1205.5	1202.7	1203.6	1200.9	1201.8	1199.4	1200.7	1200.2	1204.6
77.5°	1069.5	1072.7	1078.5	1077.3	1079.2	1076.2	1077.5	1074.0	1075.0	1072.7	1074.3
80°	919.4	926.0	933.8	933.6	936.8	934.7	937.6	934.3	935.7	931.7	930.6
82.5°	741.1	746.7	755.0	755.3	762.7	764.1	772.2	771.8	777.0	773.7	771.3
85°	506.6	510.4	517.8	521.8	529.3	534.0	541.7	544.9	539.3	549.6	541.4
87.5°	264.5	274.4	268.9	281.7	278.7	291.7	288.8	300.9	298.5	308.8	307.5
90°	64.0	63.6	70.4	70.5	78.9	80.1	86.8	85.2	91.6	90.4	96.8
92.5°	34.4	36.8	38.9	40.9	43.0	45.2	43.1	41.2	39.4	37.6	35.6
95°	45.6	48.6	51.5	54.5	57.4	60.4	57.2	54.2	51.0	47.8	44.7
97.5°	53.2	56.3	59.5	62.7	66.0	69.2	65.4	61.7	57.9	54.3	50.6
100°	73.0	79.3	85.5	91.6	98.0	104.1	97.3	90.2	83.4	76.3	69.3
102.5°	140.5	154.7	168.9	183.3	197.3	211.6	196.8	182.2	167.4	152.6	137.7
105°	256.3	279.1	301.8	324.4	347.2	370.3	346.3	322.4	298.3	274.5	250.4
107.5°	374.7	396.8	419.4	441.4	463.8	486.3	462.0	437.7	413.6	389.3	365.1
110°	443.5	456.9	470.6	484.2	497.8	511.7	494.0	476.6	459.0	441.4	423.6



TEST NUMBER: P1444554
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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°	458.0	465.3	472.2	479.6	486.7	493.7	481.4	469.1	456.6	444.4	431.9
115°	433.0	435.7	438.4	441.3	443.9	446.6	438.6	430.4	422.4	414.3	405.8
117.5°	385.1	385.8	385.9	386.7	386.8	387.2	382.9	378.8	374.5	370.2	365.8
120°	337.4	336.7	335.8	334.9	333.8	332.8	331.6	330.3	328.8	327.3	325.7
122.5°	296.9	297.0	296.6	296.3	295.9	295.5	295.5	295.6	295.5	295.4	295.2
125°	266.5	267.6	268.6	269.7	270.5	271.5	271.8	272.3	272.7	273.1	273.3
127.5°	247.8	249.9	251.7	253.6	255.2	257.1	257.7	258.7	259.4	260.1	260.7
130°	238.7	241.5	244.0	246.2	248.4	251.1	251.6	252.5	253.1	253.7	254.4
132.5°	236.2	238.8	241.4	244.3	246.7	249.3	249.9	250.7	251.0	252.0	252.6
135°	236.9	239.5	241.8	244.7	246.9	249.4	249.9	250.5	250.9	251.7	252.2
137.5°	239.6	242.0	244.1	246.3	248.1	250.4	250.6	251.4	251.7	252.5	253.0
140°	243.6	245.5	247.3	249.2	250.8	252.7	253.0	253.4	253.7	254.0	254.2
142.5°	248.2	249.9	251.1	253.0	254.1	255.8	255.6	255.7	255.9	256.0	256.0
145°	253.7	255.2	256.3	257.4	258.2	259.6	259.3	259.3	258.9	259.0	258.7
147.5°	258.6	259.8	260.3	261.3	261.7	262.9	262.5	262.3	262.1	261.7	261.3
150°	262.4	263.4	264.1	264.7	265.4	266.3	265.8	265.4	264.8	264.4	264.0
152.5°	265.1	265.9	266.5	267.0	267.6	268.2	267.6	267.5	266.7	266.2	265.7
155°	268.6	269.5	269.7	270.4	270.6	271.1	270.4	270.3	269.8	269.4	268.8
157.5°	272.8	273.4	273.9	274.2	274.6	275.1	274.8	274.5	274.0	273.9	273.3
160°	277.1	277.6	278.1	278.5	279.0	279.2	278.8	279.0	278.6	278.2	277.7
162.5°	281.9	282.6	283.0	283.4	284.0	284.4	284.1	284.0	283.5	283.2	282.7
165°	286.5	287.0	287.5	288.0	288.2	288.7	288.5	288.4	288.1	288.1	287.7
167.5°	291.7	292.3	292.6	293.1	293.3	293.6	293.4	293.6	293.2	293.0	292.7
170°	295.8	296.2	296.9	297.2	297.5	297.7	297.8	297.7	297.4	297.2	296.9
172.5°	299.8	300.3	300.4	300.7	300.8	301.2	301.1	300.8	300.7	300.4	300.1
175°	301.6	301.6	302.0	302.0	302.0	302.2	302.0	301.8	301.6	301.4	301.2
177.5°	303.5	303.5	303.5	303.4	303.4	303.4	303.3	303.1	303.0	302.8	302.5
180°	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1



TEST NUMBER: P1444554
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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7	44922.7
2.5°	45204.9	45185.3	45172.6	45156.5	45146.6	45134.2	45125.0	45117.1	45110.8	45105.0	45100.6
5°	45840.5	45739.5	45661.1	45576.1	45506.4	45436.8	45383.2	45338.8	45308.1	45285.1	45271.5
7.5°	46649.9	46464.9	46300.4	46127.3	45972.0	45819.4	45687.8	45574.5	45489.4	45434.3	45400.8
10°	47372.5	47125.0	46880.1	46622.3	46378.0	46140.9	45922.1	45729.6	45577.3	45476.1	45417.0
12.5°	47696.6	47485.6	47235.5	46955.7	46656.2	46353.2	46057.8	45791.4	45567.8	45417.8	45331.3
15°	47411.2	47324.6	47155.0	46937.7	46653.5	46340.2	45993.4	45667.4	45367.6	45173.1	45060.4
17.5°	46483.0	46603.9	46590.9	46507.8	46303.5	46039.8	45686.4	45320.2	44945.2	44685.2	44543.3
20°	44916.7	45296.6	45489.4	45588.3	45508.1	45337.1	45017.0	44645.5	44208.3	43869.0	43661.9
22.5°	42715.6	43386.3	43804.3	44110.3	44175.1	44116.8	43834.4	43480.9	42993.5	42585.7	42279.8
25°	39881.9	40864.6	41525.3	42043.2	42244.4	42296.3	42055.9	41704.4	41161.3	40686.0	40266.0
27.5°	36544.3	37821.3	38703.4	39399.3	39713.4	39849.6	39628.4	39269.7	38627.1	38059.8	37511.1
30°	32786.8	34301.9	35363.9	36198.3	36581.3	36761.2	36526.2	36125.9	35378.0	34695.4	34004.2
32.5°	28765.1	30423.0	31580.2	32486.4	32865.9	33035.3	32727.7	32278.2	31413.8	30609.7	29803.5
35°	24554.5	26227.8	27394.9	28276.9	28595.0	28697.0	28303.8	27784.2	26826.5	25943.9	25064.9
37.5°	20258.0	21814.9	22875.6	23667.3	23864.0	23881.6	23407.8	22834.0	21827.3	20957.1	20082.1
40°	15998.7	17311.7	18168.1	18801.7	18870.0	18809.1	18293.9	17716.4	16774.7	15995.0	15226.9
42.5°	11986.7	12977.8	13588.8	14023.0	13997.2	13876.8	13404.5	12908.1	12131.2	11537.3	10932.9
45°	8549.5	9203.0	9560.3	9814.4	9732.8	9618.1	9250.5	8902.5	8374.5	7990.9	7584.8
47.5°	5939.5	6719.9	6584.0	7080.7	6652.8	6935.4	6346.7	6022.2	5742.0	5538.3	5308.7
50°	4252.2	4431.0	4517.4	4576.3	4545.0	4501.6	4395.8	4301.2	4173.2	4080.0	3971.3
52.5°	3283.8	3373.2	3422.2	3457.7	3450.7	3434.9	3388.7	3346.5	3286.6	3247.2	3199.6
55°	2781.5	2782.9	2872.9	2834.3	2891.4	2824.5	2850.8	2776.7	2788.7	2725.1	2682.3
57.5°	2311.4	2348.0	2364.5	2380.4	2376.0	2373.1	2355.3	2346.3	2326.2	2320.0	2305.7
60°	2033.2	2052.3	2056.3	2063.6	2057.4	2055.1	2041.1	2036.2	2022.6	2020.2	2010.7
62.5°	1842.4	1852.2	1852.2	1852.2	1844.2	1836.6	1821.0	1812.9	1801.5	1798.9	1793.4
65°	1683.2	1693.3	1695.0	1697.2	1691.4	1685.4	1671.7	1662.9	1651.1	1646.6	1640.2
67.5°	1518.9	1529.7	1533.4	1538.9	1535.5	1534.3	1525.0	1521.5	1513.7	1511.9	1506.0
70°	1389.9	1394.3	1394.0	1393.8	1386.6	1380.1	1369.2	1364.1	1355.9	1354.3	1348.9
72.5°	1313.1	1316.3	1314.2	1311.4	1301.9	1292.3	1279.6	1270.3	1259.6	1253.0	1245.5
75°	1205.0	1209.2	1206.5	1204.8	1196.2	1189.9	1179.7	1174.6	1167.1	1164.9	1159.8
77.5°	1072.4	1074.3	1070.0	1069.5	1063.0	1059.0	1051.4	1050.0	1044.6	1044.8	1039.7
80°	924.7	923.5	916.5	915.2	908.7	907.1	901.1	901.4	897.0	898.8	895.3
82.5°	760.9	756.7	747.6	744.9	737.4	736.7	732.7	736.0	733.4	737.4	735.1
85°	545.2	546.4	542.4	542.4	540.3	541.0	540.6	543.1	543.4	547.1	547.0
87.5°	304.0	308.3	307.5	311.5	311.3	315.8	317.4	324.0	324.8	330.9	330.9
90°	95.5	102.6	101.1	108.4	108.1	115.6	116.5	123.9	124.0	130.4	129.2
92.5°	33.6	31.8	30.1	28.0	27.1	25.8	25.5	23.9	23.4	22.0	21.0
95°	41.5	38.3	35.1	31.9	30.8	29.6	28.5	27.4	26.3	25.2	24.1
97.5°	46.8	43.1	39.3	35.5	34.5	33.6	32.5	31.5	30.6	29.7	28.7
100°	62.2	55.3	48.4	41.2	40.4	39.7	38.8	38.0	37.2	36.3	35.4
102.5°	122.9	108.1	93.2	78.2	75.4	72.6	69.8	66.8	63.9	61.1	58.3
105°	226.4	202.2	178.1	154.0	146.3	138.7	131.0	123.2	115.5	107.8	100.2
107.5°	340.6	316.1	291.8	267.2	253.3	239.0	224.9	210.5	196.4	182.1	167.9
110°	406.1	388.3	370.5	352.6	341.5	330.1	318.6	307.2	295.9	284.4	272.9



TEST NUMBER: P1444554
 CATALOG NUMBER: EHBR1-54-UNV-TA-L835-UPL12

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	419.4	406.8	394.2	381.4	376.4	371.3	366.3	361.1	356.1	350.7	345.7
115°	397.5	389.3	380.9	372.3	371.0	369.1	367.7	365.8	364.2	362.3	360.5
117.5°	361.6	357.0	352.6	348.0	348.5	349.1	349.8	350.2	350.5	350.7	351.2
120°	324.1	322.6	321.2	319.5	321.6	323.4	325.5	327.1	328.9	330.3	332.0
122.5°	295.1	294.8	294.7	294.2	296.8	299.2	301.5	303.7	305.7	307.5	309.3
125°	273.8	274.1	274.4	274.4	277.1	279.5	282.0	284.0	286.1	287.9	289.8
127.5°	261.5	262.3	263.1	263.4	265.8	267.4	269.5	270.9	272.8	273.9	275.3
130°	255.1	255.5	256.4	256.9	258.8	260.7	262.7	264.1	265.8	266.8	267.9
132.5°	253.3	253.7	254.4	254.9	256.8	258.2	259.9	260.8	262.2	262.9	263.6
135°	252.9	253.3	253.9	254.2	256.0	257.5	259.0	260.1	261.3	261.9	262.7
137.5°	253.6	253.9	254.5	254.8	256.5	257.8	259.2	260.1	261.2	262.0	262.6
140°	254.8	254.9	255.5	255.6	257.0	258.3	259.6	260.5	261.6	262.1	262.7
142.5°	256.1	255.9	256.4	256.1	257.2	258.2	259.2	260.0	260.7	261.2	261.5
145°	258.5	258.1	258.2	257.9	258.7	259.5	260.3	261.1	261.4	261.6	262.1
147.5°	261.2	260.7	260.3	260.0	261.0	261.4	262.0	262.2	263.0	263.1	263.3
150°	263.5	262.9	262.3	261.7	262.3	262.6	262.9	263.3	263.6	263.6	263.8
152.5°	265.1	264.4	263.8	263.1	263.3	263.4	263.6	263.6	263.8	263.7	263.7
155°	268.3	267.6	267.0	266.2	266.5	266.5	266.4	266.4	266.2	266.1	265.8
157.5°	272.9	272.0	271.8	270.9	270.8	270.8	270.6	270.0	269.9	269.6	269.1
160°	277.5	276.8	276.4	275.9	275.6	275.4	275.2	274.6	274.4	273.8	273.3
162.5°	282.3	281.7	281.0	280.4	280.1	280.0	279.7	279.2	279.0	278.4	277.9
165°	287.4	287.0	286.6	285.8	285.7	285.4	285.2	284.5	284.2	283.5	283.0
167.5°	292.3	292.0	291.5	290.8	290.7	290.5	290.3	289.9	289.5	288.9	288.8
170°	296.6	296.2	295.9	295.4	295.1	295.0	294.6	294.3	293.8	293.4	292.9
172.5°	299.6	299.3	298.8	298.3	298.3	298.1	297.8	297.6	297.1	296.8	296.6
175°	300.8	300.5	299.9	299.7	299.6	299.4	299.2	299.0	298.7	298.5	298.3
177.5°	302.3	302.2	301.6	301.6	301.5	301.5	301.3	301.1	301.1	301.0	300.8
180°	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1



TEST NUMBER: P1444554
CATALOG NUMBER: EHBR1-54-UNV-TA-L835-UPL12

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	44922.7	44922.7
2.5°	45096.7	45094.3
5°	45264.3	45261.7
7.5°	45391.9	45391.0
10°	45406.8	45414.7
12.5°	45316.3	45322.6
15°	45051.8	45064.1
17.5°	44545.9	44562.1
20°	43674.5	43691.4
22.5°	42263.3	42270.4
25°	40211.7	40182.6
27.5°	37414.7	37364.6
30°	33859.0	33810.6
32.5°	29619.7	29589.4
35°	24847.6	24828.5
37.5°	19823.5	19784.5
40°	14946.0	14832.5
42.5°	10668.1	10468.8
45°	7372.6	7136.4
47.5°	5146.8	5000.8
50°	3901.2	3854.0
52.5°	3178.8	3167.7
55°	2682.2	2677.3
57.5°	2308.9	2307.2
60°	2015.6	2015.2
62.5°	1797.1	1797.9
65°	1643.1	1643.4
67.5°	1507.6	1506.6
70°	1350.9	1349.7
72.5°	1243.1	1241.2
75°	1159.8	1158.6
77.5°	1041.2	1039.4
80°	897.7	895.3
82.5°	738.4	735.7
85°	550.7	550.9
87.5°	336.9	336.8
90°	135.3	133.1
92.5°	20.6	19.9
95°	23.1	22.0
97.5°	27.8	26.9
100°	34.6	33.8
102.5°	55.5	52.7
105°	92.5	84.8
107.5°	153.7	139.5
110°	261.5	250.1



TEST NUMBER: P1444554
CATALOG NUMBER: EHBR1-54-UNV-TA-L835-UPL12

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	340.3	335.1
115°	358.3	356.4
117.5°	351.2	351.3
120°	333.1	334.5
122.5°	310.8	312.3
125°	291.3	292.8
127.5°	276.1	276.9
130°	268.3	269.2
132.5°	263.9	264.1
135°	262.8	263.0
137.5°	262.6	262.7
140°	262.6	262.7
142.5°	261.6	261.6
145°	262.1	262.0
147.5°	262.7	262.7
150°	263.4	263.3
152.5°	263.2	263.1
155°	265.3	264.9
157.5°	268.4	267.9
160°	272.6	272.2
162.5°	277.1	276.7
165°	282.2	281.5
167.5°	287.9	287.7
170°	292.4	292.1
172.5°	296.1	295.7
175°	298.1	297.9
177.5°	300.8	300.4
180°	302.1	302.1

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-3

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L835-N

Data in this report applies to families of products including EHBR-60-L835-N

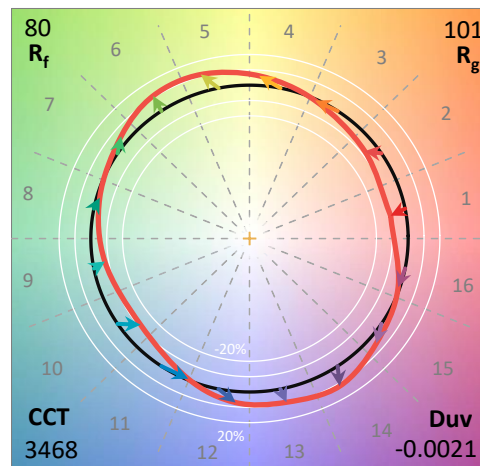
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-472-3
 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-L835-N**
 Description: Elevate Round Highbay at, 60000 lumens, 3500K 80CRI LEDs with N lens

Spectral Parameters

CCT (K): 3468
 CIE u': 0.2375
 CIE v': 0.5091
 Duv: -0.0021
 CIE x: 0.4049
 CIE y: 0.3856
 CIE z: 0.2095
 Peak Wavelength (nm): 630
 Dominant Wavelength (nm): 581
 Purity: 37.24544
 Rf: 80.1
 Rg: 101

CRI (Ra):	82.1		
R1:	82.9	R9:	27.6
R2:	85.6	R10:	63.8
R3:	85.9	R11:	81.2
R4:	82.8	R12:	57.2
R5:	81.0	R13:	82.6
R6:	79.7	R14:	91.0
R7:	86.5	R15:	79.4
R8:	72.1		



Test Conditions

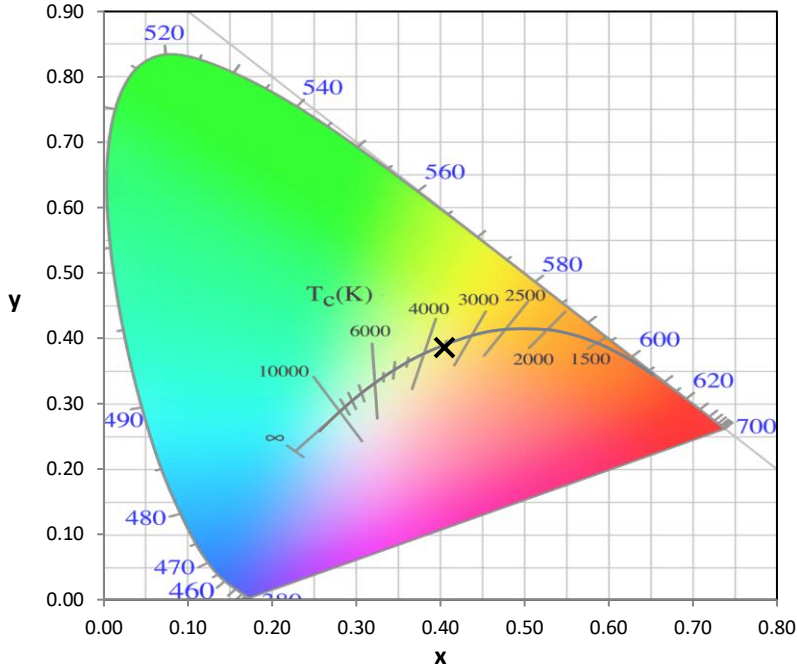
Stabilization Time: 39M
 Operation Time: 1H 39M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2506-472-3

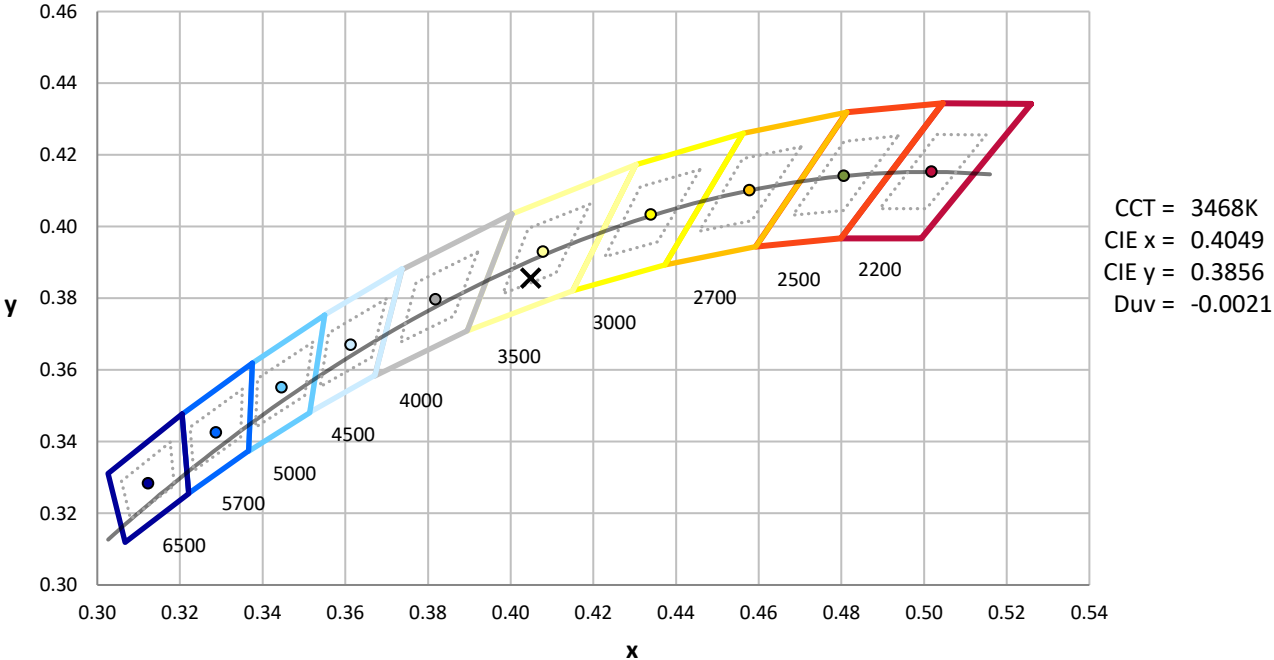
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	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: SP1-2506-472-3

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-3

Photopic Flux vs. Wavelength

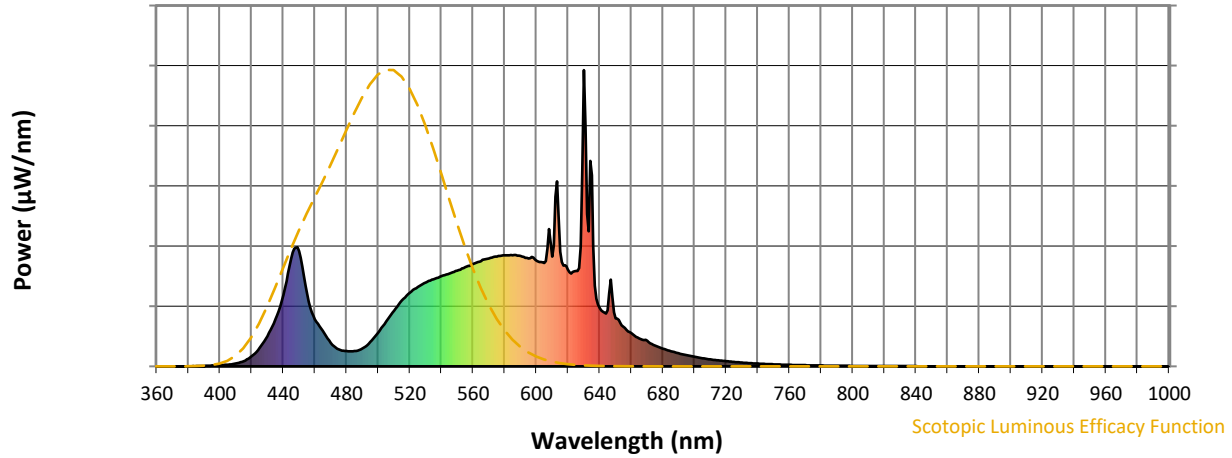


Photopic Lumens: NR

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	60	NR	620	327	NR	750	7	NR	880	0	NR
365	0	NR	495	82	NR	625	322	NR	755	6	NR	885	0	NR
370	0	NR	500	114	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	152	NR	635	645	NR	765	4	NR	895	0	NR
380	0	NR	510	189	NR	640	197	NR	770	4	NR	900	0	NR
385	1	NR	515	222	NR	645	189	NR	775	3	NR	905	0	NR
390	2	NR	520	248	NR	650	163	NR	780	3	NR	910	0	NR
395	3	NR	525	268	NR	655	134	NR	785	2	NR	915	0	NR
400	4	NR	530	283	NR	660	113	NR	790	2	NR	920	0	NR
405	6	NR	535	294	NR	665	94	NR	795	2	NR	925	0	NR
410	9	NR	540	305	NR	670	87	NR	800	2	NR	930	0	NR
415	18	NR	545	314	NR	675	70	NR	805	1	NR	935	0	NR
420	34	NR	550	323	NR	680	60	NR	810	1	NR	940	0	NR
425	62	NR	555	335	NR	685	51	NR	815	1	NR	945	0	NR
430	102	NR	560	346	NR	690	44	NR	820	1	NR	950	0	NR
435	159	NR	565	356	NR	695	38	NR	825	1	NR	955	0	NR
440	241	NR	570	364	NR	700	32	NR	830	1	NR	960	0	NR
445	363	NR	575	371	NR	705	28	NR	835	1	NR	965	0	NR
450	389	NR	580	375	NR	710	24	NR	840	1	NR	970	0	NR
455	245	NR	585	375	NR	715	20	NR	845	0	NR	975	0	NR
460	158	NR	590	373	NR	720	17	NR	850	0	NR	980	0	NR
465	120	NR	595	364	NR	725	15	NR	855	0	NR	985	0	NR
470	79	NR	600	357	NR	730	13	NR	860	0	NR	990	0	NR
475	57	NR	605	349	NR	735	11	NR	865	0	NR	995	0	NR
480	51	NR	610	371	NR	740	9	NR	870	0	NR	1000	0	NR
485	51	NR	615	387	NR	745	8	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-3

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.43

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	60	NR	620	327	NR	750	7	NR	880	0	NR
365	0	NR	495	82	NR	625	322	NR	755	6	NR	885	0	NR
370	0	NR	500	114	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	152	NR	635	645	NR	765	4	NR	895	0	NR
380	0	NR	510	189	NR	640	197	NR	770	4	NR	900	0	NR
385	1	NR	515	222	NR	645	189	NR	775	3	NR	905	0	NR
390	2	NR	520	248	NR	650	163	NR	780	3	NR	910	0	NR
395	3	NR	525	268	NR	655	134	NR	785	2	NR	915	0	NR
400	4	NR	530	283	NR	660	113	NR	790	2	NR	920	0	NR
405	6	NR	535	294	NR	665	94	NR	795	2	NR	925	0	NR
410	9	NR	540	305	NR	670	87	NR	800	2	NR	930	0	NR
415	18	NR	545	314	NR	675	70	NR	805	1	NR	935	0	NR
420	34	NR	550	323	NR	680	60	NR	810	1	NR	940	0	NR
425	62	NR	555	335	NR	685	51	NR	815	1	NR	945	0	NR
430	102	NR	560	346	NR	690	44	NR	820	1	NR	950	0	NR
435	159	NR	565	356	NR	695	38	NR	825	1	NR	955	0	NR
440	241	NR	570	364	NR	700	32	NR	830	1	NR	960	0	NR
445	363	NR	575	371	NR	705	28	NR	835	1	NR	965	0	NR
450	389	NR	580	375	NR	710	24	NR	840	1	NR	970	0	NR
455	245	NR	585	375	NR	715	20	NR	845	0	NR	975	0	NR
460	158	NR	590	373	NR	720	17	NR	850	0	NR	980	0	NR
465	120	NR	595	364	NR	725	15	NR	855	0	NR	985	0	NR
470	79	NR	600	357	NR	730	13	NR	860	0	NR	990	0	NR
475	57	NR	605	349	NR	735	11	NR	865	0	NR	995	0	NR
480	51	NR	610	371	NR	740	9	NR	870	0	NR	1000	0	NR
485	51	NR	615	387	NR	745	8	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-3

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.75

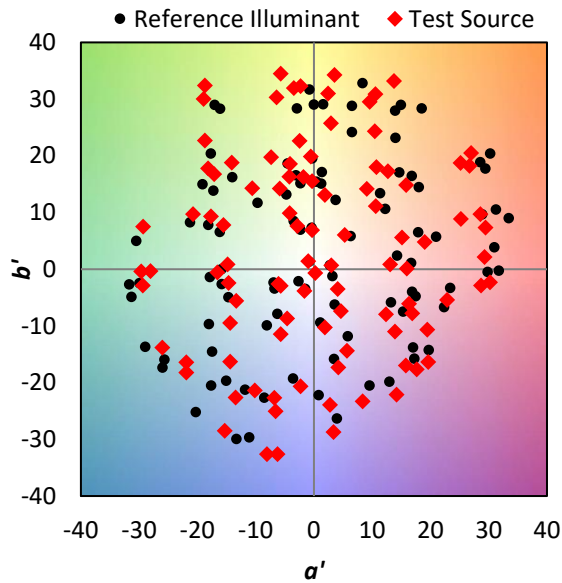
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	60	NR	620	327	NR	750	7	NR	880	0	NR
365	0	NR	495	82	NR	625	322	NR	755	6	NR	885	0	NR
370	0	NR	500	114	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	152	NR	635	645	NR	765	4	NR	895	0	NR
380	0	NR	510	189	NR	640	197	NR	770	4	NR	900	0	NR
385	1	NR	515	222	NR	645	189	NR	775	3	NR	905	0	NR
390	2	NR	520	248	NR	650	163	NR	780	3	NR	910	0	NR
395	3	NR	525	268	NR	655	134	NR	785	2	NR	915	0	NR
400	4	NR	530	283	NR	660	113	NR	790	2	NR	920	0	NR
405	6	NR	535	294	NR	665	94	NR	795	2	NR	925	0	NR
410	9	NR	540	305	NR	670	87	NR	800	2	NR	930	0	NR
415	18	NR	545	314	NR	675	70	NR	805	1	NR	935	0	NR
420	34	NR	550	323	NR	680	60	NR	810	1	NR	940	0	NR
425	62	NR	555	335	NR	685	51	NR	815	1	NR	945	0	NR
430	102	NR	560	346	NR	690	44	NR	820	1	NR	950	0	NR
435	159	NR	565	356	NR	695	38	NR	825	1	NR	955	0	NR
440	241	NR	570	364	NR	700	32	NR	830	1	NR	960	0	NR
445	363	NR	575	371	NR	705	28	NR	835	1	NR	965	0	NR
450	389	NR	580	375	NR	710	24	NR	840	1	NR	970	0	NR
455	245	NR	585	375	NR	715	20	NR	845	0	NR	975	0	NR
460	158	NR	590	373	NR	720	17	NR	850	0	NR	980	0	NR
465	120	NR	595	364	NR	725	15	NR	855	0	NR	985	0	NR
470	79	NR	600	357	NR	730	13	NR	860	0	NR	990	0	NR
475	57	NR	605	349	NR	735	11	NR	865	0	NR	995	0	NR
480	51	NR	610	371	NR	740	9	NR	870	0	NR	1000	0	NR
485	51	NR	615	387	NR	745	8	NR	875	0	NR			

Summary

$R_f = 80.1$
 $R_g = 101$
 $CIE R_a = 82.1$
 $R_9 = 27.6$

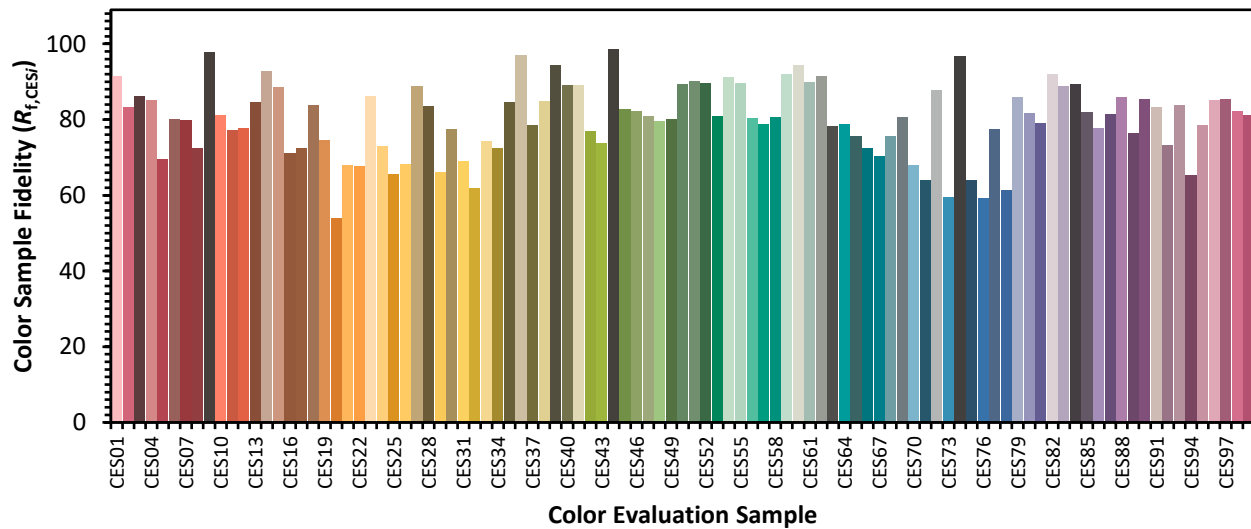


Color Vector Graphics

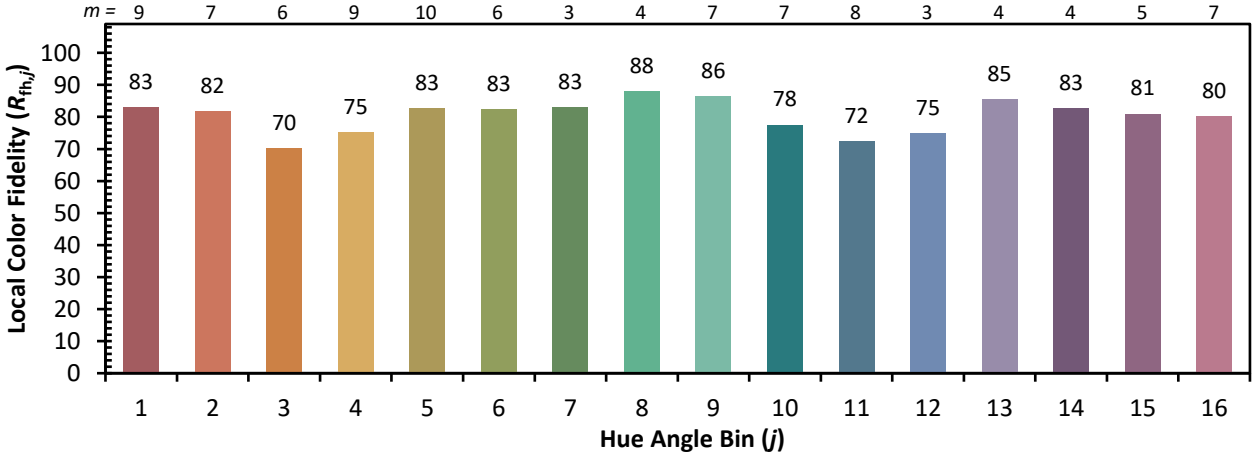


Individual Sample Fidelity Index ($R_{f,i}$)

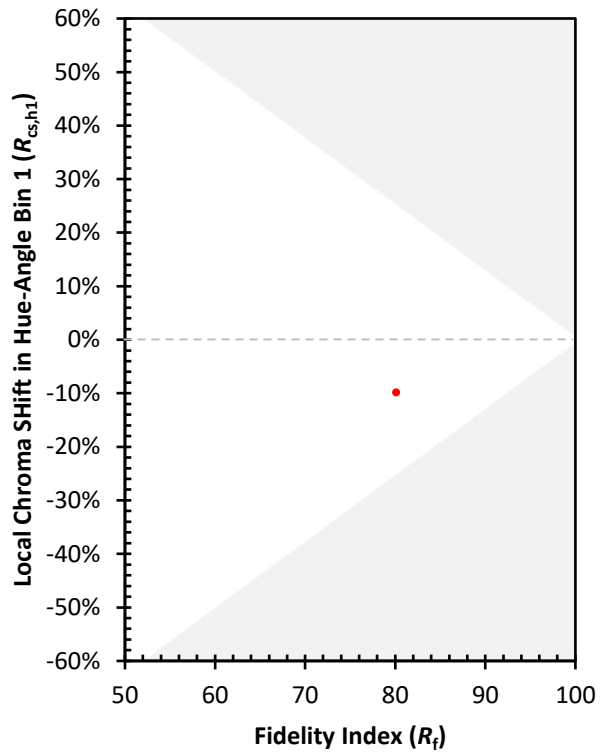
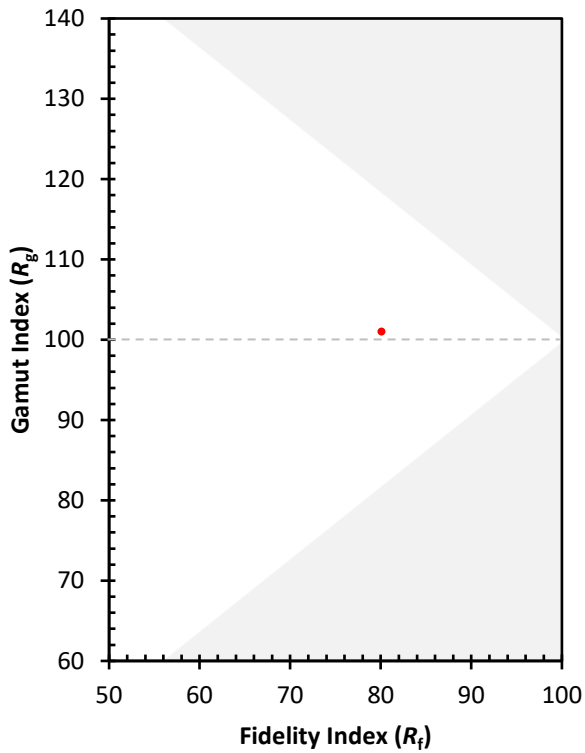
CES01 = 86	CES26 = 68	CES51 = 90	CES76 = 59
CES02 = 62	CES27 = 89	CES52 = 90	CES77 = 78
CES03 = 31	CES28 = 84	CES53 = 81	CES78 = 61
CES04 = 70	CES29 = 66	CES54 = 91	CES79 = 86
CES05 = 49	CES30 = 77	CES55 = 90	CES80 = 82
CES06 = 51	CES31 = 69	CES56 = 80	CES81 = 79
CES07 = 42	CES32 = 62	CES57 = 79	CES82 = 92
CES08 = 41	CES33 = 74	CES58 = 81	CES83 = 89
CES09 = 29	CES34 = 72	CES59 = 92	CES84 = 89
CES10 = 75	CES35 = 85	CES60 = 94	CES85 = 82
CES11 = 58	CES36 = 97	CES61 = 90	CES86 = 78
CES12 = 64	CES37 = 79	CES62 = 92	CES87 = 82
CES13 = 43	CES38 = 85	CES63 = 78	CES88 = 86
CES14 = 74	CES39 = 94	CES64 = 79	CES89 = 76
CES15 = 71	CES40 = 89	CES65 = 76	CES90 = 85
CES16 = 47	CES41 = 89	CES66 = 73	CES91 = 83
CES17 = 49	CES42 = 77	CES67 = 70	CES92 = 73
CES18 = 56	CES43 = 74	CES68 = 76	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 81	CES94 = 65
CES20 = 66	CES45 = 83	CES70 = 68	CES95 = 79
CES21 = 86	CES46 = 82	CES71 = 64	CES96 = 85
CES22 = 78	CES47 = 81	CES72 = 88	CES97 = 85
CES23 = 92	CES48 = 80	CES73 = 60	CES98 = 82
CES24 = 91	CES49 = 80	CES74 = 97	CES99 = 81
CES25 = 72	CES50 = 89	CES75 = 64	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)