

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: P1444701

Luminaire Tested: EHBR1-54-UNV-TA-L930-UPL24

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444701
REPORT IS A COMBINATION OF REPORTS P1444334 AND P1431635
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-54-UNV-TA-L930-UPL24
Description: Elevate Round Highbay at, 54000 lumens, 3000K 90CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

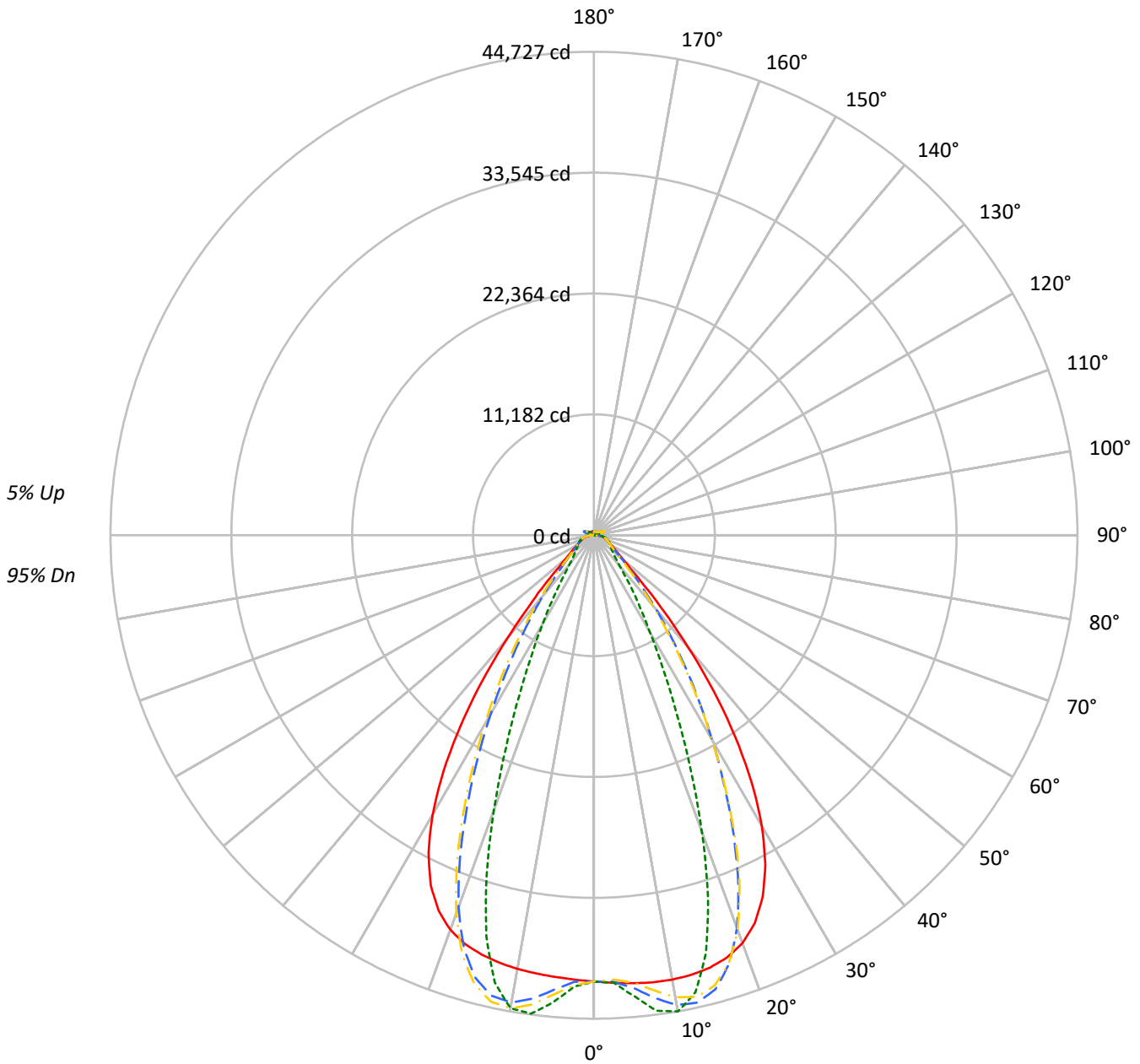
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 49968.0 lumens
Efficiency: N/A
Efficacy: 159.9 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): 312.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1444701
CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

Luminous Intensity Polar Plot



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



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

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
RCR																				
0	118	118	118	118	115	115	115	115	108	108	108	103	103	103	97	97	97	97	95	
1	111	107	104	101	108	105	102	99	100	97	95	95	93	92	91	89	88	88	86	
2	104	98	93	89	101	96	91	88	92	88	85	88	85	82	84	82	80	80	78	
3	98	90	84	79	95	88	83	78	85	80	77	82	78	75	79	76	73	73	71	
4	92	83	77	72	90	82	76	71	79	74	70	76	72	68	74	70	67	67	65	
5	87	77	70	65	84	76	69	65	73	68	64	71	66	63	69	65	62	62	60	
6	82	72	65	60	80	70	64	59	68	63	59	66	62	58	65	60	57	57	55	
7	77	67	60	55	75	66	59	55	64	58	54	62	57	54	61	56	53	53	51	
8	73	62	56	51	71	62	55	51	60	54	50	59	54	50	57	53	49	49	48	
9	69	59	52	48	68	58	52	48	57	51	47	55	50	47	54	50	46	46	45	
10	66	55	49	45	64	55	49	44	53	48	44	52	47	44	51	47	43	43	42	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	193886	193886	193886	193886
5°	194825	200506	192098	203132
10°	196451	210516	191740	209123
15°	197415	190831	191405	183147
20°	195374	142162	188979	131534
25°	184929	89910	178817	81577
30°	161549	54029	155292	49377
35°	124329	33903	117178	30032
40°	78649	21267	71958	19984
45°	40538	16568	39866	16296
50°	23767	14737	23038	14507
55°	18208	13943	17534	13817
60°	15406	14243	14751	14058
65°	14471	14874	13917	14366
70°	14138	15575	13432	14988
75°	15116	16517	14299	15787
80°	15642	18290	14183	16696
85°	14731	17646	11903	15112

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 62037 cd/sqm



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4068.9	8.1
10°-20°	11446.2	22.9
20°-30°	13036.3	26.1
30°-40°	9369.9	18.8
40°-50°	4321.4	8.6
50°-60°	2068.0	4.1
60°-70°	1508.9	3.0
70°-80°	1146.3	2.3
80°-90°	525.2	1.1
90°-100°	74.0	0.1
100°-110°	390.2	0.8
110°-120°	720.1	1.4
120°-130°	449.7	0.9
130°-140°	301.0	0.6
140°-150°	232.7	0.5
150°-160°	168.3	0.3
160°-170°	104.5	0.2
170°-180°	36.4	0.1
0°-30°	28551.5	57.1
0°-40°	37921.4	75.9
0°-60°	44310.8	88.7
0°-90°	47491.2	95.0
90°-120°	1184.2	2.4
90°-150°	2167.5	4.3
90°-180°	2477.0	5.0
0°-180°	49968.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	41287	41287	41287	41287	41287	
5°	41598	42811	41016	43372	41598	3975
15°	41417	40035	40156	38423	41417	11669
25°	36930	17955	35710	16291	36930	16741
35°	22819	6222	21506	5512	22819	14005
45°	6559	2681	6450	2637	6559	5578
55°	2461	1884	2370	1867	2461	2271
65°	1510	1552	1453	1500	1510	1509
75°	1065	1164	1007	1112	1065	1107
85°	506	606	409	519	506	476
90°	130	167	33	42	130	82
95°	34	37	34	37	34	32
105°	144	183	99	183	144	189
115°	632	758	662	758	632	584
125°	488	499	551	501	488	445
135°	402	344	431	349	402	313
145°	372	350	394	356	372	235
155°	359	354	380	359	359	167
165°	367	363	379	366	367	104
175°	380	383	387	384	380	36
180°	386	386	386	386	386	



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7
2.5°	41444.4	41441.0	41440.5	41437.5	41436.7	41436.7	41435.4	41432.0	41429.9	41425.1	41419.8
5°	41598.2	41596.3	41597.4	41597.8	41594.8	41588.4	41578.3	41565.9	41550.3	41535.6	41522.5
7.5°	41717.1	41720.0	41723.7	41722.9	41713.9	41698.7	41678.0	41666.5	41673.3	41695.8	41747.2
10°	41738.8	41756.6	41763.4	41761.3	41743.3	41730.3	41735.3	41779.0	41866.1	41982.3	42141.1
12.5°	41654.2	41675.9	41675.1	41668.0	41650.5	41668.2	41731.6	41861.8	42048.5	42277.6	42546.3
15°	41416.6	41444.7	41436.7	41427.5	41415.8	41474.1	41600.6	41826.8	42115.1	42438.1	42768.7
17.5°	40955.2	40989.2	40972.7	40962.1	40952.3	41061.6	41279.0	41610.1	41973.2	42338.6	42652.0
20°	40155.0	40177.7	40138.4	40119.9	40135.6	40349.6	40669.8	41092.7	41475.5	41821.0	42035.2
22.5°	38849.0	38877.3	38803.4	38794.9	38886.0	39214.8	39620.1	40092.8	40452.5	40726.3	40808.8
25°	36930.2	36958.0	36870.3	36922.8	37077.9	37525.7	38008.3	38514.1	38820.9	39023.7	38967.7
27.5°	34340.3	34365.7	34282.5	34389.6	34634.8	35223.3	35791.4	36339.9	36613.3	36755.5	36575.4
30°	31073.9	31126.7	31028.3	31177.8	31552.2	32316.3	32967.0	33582.1	33854.8	33963.0	33682.7
32.5°	27194.5	27269.6	27161.1	27383.6	27905.9	28823.7	29562.9	30250.3	30551.8	30675.3	30358.7
35°	22818.9	22926.6	22802.2	23136.0	23780.4	24802.4	25621.0	26388.3	26745.5	26920.5	26601.5
37.5°	18183.2	18285.8	18218.5	18663.9	19371.5	20430.8	21266.4	22094.2	22497.5	22760.2	22508.8
40°	13631.9	13725.9	13776.8	14286.2	14951.7	15950.1	16752.6	17571.8	18022.9	18352.7	18197.6
42.5°	9621.5	9716.2	9889.4	10380.9	10935.9	11762.3	12449.7	13185.1	13616.2	13968.0	13908.1
45°	6558.8	6668.8	6885.7	7288.2	7689.6	8282.4	8787.3	9359.2	9711.3	10033.5	10037.3
47.5°	4596.1	4673.3	4867.2	5142.1	5403.7	6145.9	6176.4	6457.5	6694.1	6935.0	6966.2
50°	3542.1	3588.6	3691.5	3844.6	3992.8	4185.5	4361.9	4565.6	4711.3	4843.3	4874.9
52.5°	2911.4	2940.9	2993.2	3076.2	3162.2	3267.0	3361.4	3473.2	3552.5	3623.2	3638.1
55°	2460.6	2485.1	2563.0	2578.7	2677.2	2696.1	2738.0	2806.1	2852.2	2894.5	2905.1
57.5°	2120.5	2138.2	2154.8	2190.1	2220.4	2264.5	2299.9	2348.8	2377.8	2408.4	2411.1
60°	1852.1	1864.9	1876.7	1901.2	1921.8	1952.5	1976.9	2010.1	2030.9	2053.9	2056.5
62.5°	1652.4	1661.5	1669.4	1685.6	1700.3	1723.8	1743.2	1771.0	1790.4	1808.1	1812.1
65°	1510.4	1517.2	1522.2	1534.5	1547.3	1567.3	1584.9	1607.5	1621.8	1635.4	1638.3
67.5°	1384.7	1391.1	1396.2	1407.4	1416.3	1431.3	1443.1	1460.0	1470.7	1481.6	1482.0
70°	1240.5	1246.4	1250.4	1260.9	1268.0	1280.8	1290.4	1305.7	1316.7	1328.8	1331.8
72.5°	1140.7	1144.2	1149.6	1159.1	1169.0	1182.8	1195.5	1211.4	1224.7	1237.3	1242.6
75°	1064.8	1068.9	1072.5	1080.6	1087.5	1099.1	1108.6	1123.1	1134.8	1148.2	1154.8
77.5°	955.3	960.0	963.1	971.2	977.1	988.3	995.3	1008.3	1017.9	1030.1	1036.0
80°	822.9	827.3	829.5	837.1	841.9	852.1	859.1	871.5	879.6	891.8	899.0
82.5°	676.2	680.5	681.6	688.9	691.4	699.9	704.9	717.8	727.6	743.5	754.5
85°	506.3	507.9	510.3	508.5	518.7	519.4	530.9	533.1	548.4	552.4	569.8
87.5°	309.6	314.1	316.4	323.5	326.5	333.6	335.7	343.2	347.4	355.9	359.9
90°	130.3	137.3	139.6	147.8	150.0	157.4	159.1	167.3	169.6	178.1	181.4
92.5°	29.8	31.5	33.2	35.4	37.1	39.7	41.9	44.0	45.8	48.4	52.0
95°	33.5	35.6	37.5	39.6	41.5	43.6	45.5	47.6	49.5	51.6	57.3
97.5°	41.6	43.4	45.1	46.9	48.6	50.3	52.0	53.8	55.5	57.2	64.2
100°	53.6	55.1	56.5	58.0	59.4	61.0	62.4	63.9	65.3	66.8	79.8
102.5°	86.5	91.8	97.0	102.2	107.5	112.5	117.9	123.0	128.1	133.4	160.7
105°	144.0	158.0	172.3	186.4	200.6	214.8	228.9	242.8	257.0	271.1	315.8
107.5°	242.7	268.8	295.1	321.3	347.5	373.7	399.9	426.0	452.1	478.0	523.4
110°	443.7	464.5	485.6	506.7	527.6	548.8	569.7	590.5	611.6	632.4	665.4



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	597.0	606.3	615.8	625.3	634.8	644.0	653.5	662.8	672.3	681.5	704.9
115°	631.7	634.8	638.2	641.3	644.6	647.6	650.7	653.7	656.9	659.8	675.7
117.5°	616.8	616.0	615.2	614.5	613.5	612.7	611.8	610.8	609.7	608.7	617.6
120°	579.5	576.3	573.3	569.9	566.7	563.2	560.1	556.6	553.1	549.6	553.3
122.5°	531.8	528.0	524.5	520.4	516.6	512.4	508.7	504.2	500.4	496.3	497.2
125°	488.5	484.5	481.0	476.9	472.7	468.6	464.5	460.2	456.0	451.6	451.9
127.5°	451.5	448.7	445.9	442.7	439.7	436.4	433.2	429.8	426.8	423.1	422.8
130°	429.2	426.7	424.0	421.1	418.3	415.1	412.0	408.8	405.8	402.4	402.2
132.5°	411.8	409.9	408.0	405.6	403.4	400.7	398.4	395.5	393.2	390.5	390.2
135°	401.6	399.7	398.0	395.8	393.7	391.1	388.6	386.0	383.6	380.9	380.9
137.5°	393.4	391.8	390.1	387.9	385.9	383.4	381.1	378.6	376.1	373.7	373.4
140°	386.2	384.6	382.9	380.9	379.0	376.9	374.5	372.2	369.8	367.4	367.5
142.5°	377.4	375.9	374.6	372.9	371.2	369.1	367.1	364.9	363.1	360.8	361.2
145°	372.3	371.1	370.0	368.5	366.9	364.9	363.3	361.2	359.6	357.6	358.1
147.5°	368.0	367.0	366.2	364.7	363.6	361.8	360.3	358.5	357.0	355.4	355.9
150°	364.3	363.4	362.5	361.4	360.0	358.5	357.1	355.6	354.0	352.4	353.0
152.5°	359.9	358.9	358.1	357.0	355.7	354.1	353.1	351.5	350.1	348.6	349.0
155°	358.6	357.5	356.5	355.5	354.3	353.0	351.6	350.3	349.1	347.6	348.0
157.5°	359.0	357.9	357.2	355.9	355.2	354.0	353.0	351.7	350.8	349.6	349.7
160°	361.0	360.1	359.2	358.1	357.1	355.9	355.0	353.9	353.1	351.9	351.9
162.5°	363.4	362.3	361.4	360.4	359.5	358.2	357.4	356.5	355.6	354.3	354.6
165°	366.6	366.1	365.3	364.5	363.8	363.0	362.2	361.3	360.6	359.6	359.7
167.5°	372.3	371.3	370.8	369.9	369.0	368.2	367.4	366.4	365.9	364.8	364.9
170°	375.7	374.9	374.5	374.0	373.4	372.8	372.3	371.7	371.1	370.4	370.5
172.5°	379.0	378.4	378.1	377.8	377.2	376.9	376.4	376.0	375.7	375.1	375.4
175°	380.4	380.0	379.9	379.5	379.3	378.9	378.8	378.5	378.5	378.0	378.1
177.5°	383.3	383.2	383.2	383.0	383.0	382.8	382.7	382.4	382.2	382.2	382.4
180°	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7
2.5°	41415.8	41410.7	41403.8	41395.1	41387.6	41378.9	41358.2	41352.2	41359.0	41363.7	41373.1
5°	41514.2	41517.1	41518.2	41537.0	41553.2	41593.7	41911.4	42037.6	42135.3	42197.2	42291.3
7.5°	41810.9	41906.4	42000.7	42127.8	42237.3	42385.3	42941.1	43177.6	43345.7	43466.7	43615.4
10°	42313.7	42522.0	42717.5	42946.4	43143.2	43368.5	43885.8	44116.3	44261.8	44367.7	44466.6
12.5°	42820.1	43109.2	43370.4	43625.2	43838.2	44033.5	44215.5	44296.1	44303.0	44306.4	44253.9
15°	43083.9	43360.3	43590.4	43758.9	43884.1	43939.4	43626.3	43461.9	43254.2	43083.2	42801.8
17.5°	42917.4	43083.2	43182.6	43172.8	43121.2	42947.9	42060.7	41572.8	41088.4	40651.8	40079.3
20°	42177.4	42164.6	42078.2	41833.2	41538.0	41079.0	39558.0	38680.5	37832.1	37086.9	36182.9
22.5°	40800.4	40583.7	40281.6	39753.5	39166.6	38364.7	36185.1	34894.3	33713.1	32669.7	31500.9
25°	38805.2	38359.5	37802.4	36963.8	36051.9	34882.3	32195.8	30590.2	29172.2	27942.2	26593.6
27.5°	36251.9	35580.5	34764.0	33603.4	32368.0	30869.5	27891.1	26119.2	24596.9	23278.3	21842.8
30°	33229.0	32355.8	31301.4	29861.0	28370.8	26671.3	23650.5	21855.8	20314.9	18958.4	17521.8
32.5°	29812.8	28790.0	27554.6	25937.9	24326.3	22579.0	19661.6	17924.5	16452.5	15147.4	13847.2
35°	26045.0	24948.2	23641.1	21992.2	20390.2	18691.4	16014.5	14448.1	13148.3	11994.7	10944.9
37.5°	22003.3	20926.4	19684.1	18130.0	16644.5	15105.0	12795.2	11482.7	10391.9	9434.5	8623.8
40°	17801.1	16858.7	15783.8	14440.2	13172.5	11890.4	9994.4	8952.5	8091.6	7361.4	6754.0
42.5°	13650.3	12920.0	12095.7	11033.9	10063.8	9087.6	7628.3	6856.3	6218.7	5693.1	5263.7
45°	9903.8	9415.2	8862.4	8124.2	7453.0	6772.0	5733.4	5191.0	4775.7	4436.8	4150.2
47.5°	6923.3	6639.9	6622.6	5940.4	5448.2	5031.8	4362.8	4020.1	3765.7	3560.3	3378.8
50°	4862.0	4724.9	4554.6	4311.2	4082.7	3847.4	3439.7	3232.5	3083.5	2959.1	2844.3
52.5°	3634.7	3563.5	3472.8	3343.6	3219.9	3087.5	2829.5	2697.7	2650.8	2534.9	2444.0
55°	2903.2	2862.3	2810.7	2734.8	2659.5	2629.4	2408.3	2310.4	2248.3	2202.6	2153.8
57.5°	2411.5	2381.0	2350.5	2299.1	2255.4	2202.6	2085.3	2035.1	1998.2	1971.3	1937.4
60°	2056.9	2038.7	2021.6	1991.4	1967.9	1939.5	1864.9	1836.6	1817.3	1801.1	1779.5
62.5°	1815.5	1806.2	1797.2	1781.2	1769.3	1753.9	1702.9	1689.2	1679.6	1671.5	1658.3
65°	1641.2	1634.5	1629.6	1618.8	1612.9	1603.9	1560.1	1550.9	1545.0	1542.0	1534.5
67.5°	1482.9	1475.8	1472.6	1464.9	1462.5	1456.8	1421.0	1416.0	1414.0	1415.0	1412.2
70°	1334.7	1331.8	1333.3	1332.2	1335.5	1336.5	1314.9	1314.7	1317.0	1321.6	1322.0
72.5°	1246.0	1246.0	1247.7	1248.4	1251.6	1253.2	1235.1	1234.2	1235.3	1238.7	1238.8
75°	1161.5	1162.9	1167.5	1169.0	1172.8	1173.6	1149.7	1147.0	1147.2	1150.4	1149.3
77.5°	1044.6	1049.7	1058.4	1063.0	1070.3	1071.7	1044.9	1041.7	1041.8	1045.0	1042.4
80°	912.0	921.6	935.5	945.1	956.5	961.1	933.6	927.0	920.8	919.9	914.4
82.5°	771.0	782.8	799.5	808.2	820.3	823.1	777.0	768.3	763.1	763.5	758.4
85°	588.6	597.5	612.7	617.6	625.0	624.4	571.8	549.3	555.3	545.9	553.3
87.5°	369.2	374.5	383.9	385.2	388.6	387.9	335.0	324.6	321.5	321.6	317.8
90°	190.4	194.4	203.2	203.8	209.8	209.5	167.1	162.7	158.5	160.2	154.4
92.5°	56.1	59.5	63.5	67.1	71.0	74.9	73.7	76.0	72.7	68.6	65.5
95°	63.2	69.1	74.9	80.9	86.8	92.7	98.6	104.4	98.9	93.4	87.9
97.5°	71.1	78.1	84.8	91.9	98.8	105.8	112.7	119.7	113.8	107.6	101.7
100°	92.7	105.7	118.5	131.4	144.3	157.3	170.2	183.2	171.8	160.2	148.8
102.5°	188.1	215.7	243.1	270.5	297.9	325.4	353.2	380.8	354.5	328.1	301.8
105°	360.3	404.8	449.3	493.6	538.2	582.7	627.6	672.3	630.3	588.4	546.4
107.5°	568.4	613.6	658.5	703.6	748.7	793.8	839.6	884.8	843.9	802.7	761.9
110°	698.3	731.0	764.0	796.7	829.5	862.3	896.1	929.0	904.3	879.6	854.9



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	728.1	751.7	775.0	798.3	821.5	844.8	869.6	893.2	880.6	867.8	855.4
115°	691.2	706.9	722.4	738.0	753.6	769.0	786.3	802.4	797.9	793.6	789.4
117.5°	625.9	634.5	643.0	651.5	659.8	668.3	679.0	687.8	688.0	688.2	688.6
120°	556.5	559.9	563.1	566.5	569.5	572.8	578.6	582.4	585.3	588.0	590.8
122.5°	498.1	499.1	499.9	500.8	501.6	502.4	506.3	507.9	509.6	511.2	513.0
125°	452.0	452.2	452.3	452.4	452.3	452.4	456.0	456.6	456.3	455.7	455.4
127.5°	422.3	422.0	421.3	421.0	420.1	419.7	422.8	423.0	421.0	419.0	416.8
130°	401.8	401.6	401.1	400.8	400.6	400.3	403.8	404.5	401.4	398.0	394.9
132.5°	389.9	389.8	389.2	389.2	389.0	388.6	392.6	393.4	390.1	386.2	382.8
135°	380.5	380.5	380.3	380.2	380.0	380.2	384.5	385.4	382.2	378.6	375.3
137.5°	373.1	373.0	372.9	373.0	372.9	372.9	377.8	378.9	376.2	373.1	370.4
140°	367.4	367.4	367.5	367.8	367.8	368.1	373.5	374.8	372.8	370.3	367.9
142.5°	361.3	361.8	362.2	363.0	363.3	364.0	370.3	372.0	370.3	368.2	366.5
145°	358.3	359.2	359.7	360.6	361.2	362.2	369.1	371.3	370.2	368.7	367.4
147.5°	356.0	356.6	357.2	357.9	358.6	359.8	367.1	369.4	368.6	367.6	366.6
150°	353.3	354.0	354.6	355.4	356.4	357.3	365.9	368.6	367.9	367.1	366.2
152.5°	349.4	350.0	350.6	351.2	351.9	352.9	363.3	366.3	365.7	364.7	364.2
155°	348.2	348.5	348.8	349.4	349.8	350.8	362.0	365.1	364.7	364.1	363.6
157.5°	349.7	349.8	349.7	350.0	350.3	350.8	362.6	366.1	365.5	365.0	364.6
160°	351.8	351.8	351.7	351.9	351.9	352.2	364.6	367.7	367.3	366.8	366.3
162.5°	354.5	355.0	355.0	355.2	355.4	355.9	368.2	371.9	371.1	370.5	369.9
165°	359.6	359.4	359.4	359.6	359.5	359.7	371.4	374.3	374.0	373.4	372.9
167.5°	364.7	365.0	364.8	365.1	365.1	365.5	376.4	379.3	379.0	378.4	378.0
170°	370.4	370.7	370.6	370.8	371.1	371.4	380.5	382.9	382.7	381.9	381.5
172.5°	375.5	375.9	376.1	376.3	376.6	377.0	384.7	386.9	386.7	386.1	385.6
175°	378.4	378.4	378.7	379.1	379.4	379.5	385.7	387.3	387.1	386.8	386.5
177.5°	382.7	382.7	383.0	383.3	383.5	383.8	387.5	388.4	388.4	388.4	388.2
180°	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7
2.5°	41375.2	41389.8	41391.9	41408.9	41407.5	41427.7	41424.5	41441.0	41431.4	41445.0	41433.5
5°	42347.0	42435.2	42481.2	42567.2	42594.5	42671.4	42693.1	42763.4	42766.3	42822.0	42809.3
7.5°	43720.9	43850.8	43928.0	44034.3	44088.1	44176.8	44215.7	44281.2	44302.4	44354.4	44358.4
10°	44541.4	44604.5	44648.5	44678.2	44705.2	44718.0	44732.8	44728.9	44732.8	44727.0	44739.7
12.5°	44218.7	44126.5	44065.7	43950.3	43883.4	43756.0	43693.4	43570.8	43526.3	43421.0	43405.9
15°	42584.3	42263.3	42036.6	41706.7	41499.4	41174.8	40984.9	40692.2	40558.4	40325.7	40264.7
17.5°	39605.5	39009.6	38548.5	37956.9	37546.4	36993.6	36645.9	36188.3	35937.6	35568.6	35440.8
20°	35429.3	34547.6	33855.9	33031.9	32442.2	31707.4	31237.0	30643.8	30299.4	29846.1	29662.4
22.5°	30526.3	29428.6	28564.7	27591.2	26879.7	26060.9	25497.4	24855.5	24480.8	23988.3	23770.3
25°	25472.8	24262.2	23301.8	22276.2	21524.4	20703.6	20139.9	19509.4	19121.6	18654.1	18437.5
27.5°	20639.5	19414.2	18486.0	17532.5	16842.8	16102.2	15593.6	15043.1	14698.9	14299.8	14096.0
30°	16374.2	15293.6	14503.6	13712.3	13138.6	12537.2	12114.5	11658.2	11356.3	11014.7	10820.5
32.5°	12899.3	12065.0	11446.5	10818.5	10349.1	9846.4	9481.2	9078.6	8806.1	8500.9	8325.1
35°	10216.1	9567.8	9074.5	8557.6	8154.2	7726.1	7404.3	7056.8	6812.3	6549.6	6397.8
37.5°	8071.8	7556.2	7150.3	6721.0	6389.6	6035.0	5915.5	5516.8	5263.3	5053.7	4908.5
40°	6334.8	5924.8	5589.0	5260.6	4990.4	4721.3	4505.5	4292.4	4128.9	3978.9	3875.2
42.5°	4946.9	4650.0	4404.6	4164.1	3967.0	3771.0	3614.6	3467.9	3357.7	3259.6	3192.8
45°	3932.6	3728.3	3557.9	3388.5	3249.4	3118.5	3013.3	2919.6	2848.5	2789.6	2747.8
47.5°	3230.7	3090.8	2970.6	2856.3	2761.9	2676.2	2605.7	2582.7	2506.2	2454.6	2435.0
50°	2745.7	2661.2	2569.9	2485.6	2422.5	2359.7	2314.0	2269.2	2240.6	2216.9	2209.7
52.5°	2383.6	2319.1	2268.3	2214.8	2173.2	2128.6	2097.0	2067.2	2051.5	2039.0	2037.5
55°	2114.5	2069.3	2035.7	1999.9	1974.9	1948.7	1932.4	1916.7	1909.8	1903.5	1903.9
57.5°	1910.9	1880.7	1858.8	1835.6	1822.1	1809.5	1805.4	1801.4	1803.6	1804.5	1808.0
60°	1762.4	1742.8	1729.1	1715.7	1710.1	1706.1	1709.1	1712.7	1719.9	1725.7	1730.9
62.5°	1648.7	1637.6	1630.8	1623.7	1623.0	1623.3	1629.4	1635.4	1644.4	1651.2	1656.2
65°	1531.7	1525.3	1523.1	1518.5	1520.8	1522.2	1529.6	1534.1	1543.1	1548.5	1554.9
67.5°	1413.3	1411.8	1413.3	1413.3	1417.4	1420.9	1428.0	1433.1	1440.8	1445.7	1450.9
70°	1326.0	1326.6	1329.8	1330.5	1334.9	1337.3	1343.5	1346.8	1353.7	1357.8	1364.2
72.5°	1241.1	1239.8	1240.5	1238.5	1240.0	1239.4	1242.8	1244.5	1250.3	1253.5	1261.1
75°	1150.6	1146.8	1145.9	1141.8	1141.9	1139.1	1140.4	1140.2	1144.0	1145.6	1151.1
77.5°	1041.4	1035.0	1031.9	1025.1	1024.9	1022.3	1025.1	1026.7	1033.5	1036.7	1042.9
80°	910.7	900.7	896.0	888.1	889.4	889.0	895.8	900.8	909.1	910.6	918.5
82.5°	756.9	746.7	741.8	734.0	735.8	736.0	742.1	743.2	750.3	753.5	762.6
85°	542.0	545.9	535.1	535.8	533.5	537.8	542.0	547.2	553.1	563.1	570.8
87.5°	319.2	317.8	321.6	322.1	327.6	330.5	339.3	344.4	354.4	362.2	376.2
90°	154.3	148.6	151.2	149.0	153.9	151.9	156.3	153.5	159.0	159.2	166.4
92.5°	61.1	57.8	53.6	50.2	46.1	43.0	40.6	39.4	37.2	36.0	33.7
95°	82.4	76.9	71.5	65.9	60.5	55.0	52.9	51.0	48.9	47.0	44.9
97.5°	95.8	89.8	83.9	78.0	72.1	66.2	64.9	63.5	62.2	60.9	59.5
100°	137.2	125.9	114.5	102.9	91.6	80.2	79.1	78.1	77.0	75.9	74.9
102.5°	275.7	249.5	223.4	197.2	171.1	144.8	140.3	135.7	131.2	126.6	122.1
105°	504.5	462.5	420.7	378.7	337.0	295.1	282.6	269.9	257.5	245.0	232.6
107.5°	720.8	679.9	639.0	598.3	557.4	516.6	496.7	477.0	457.2	437.5	417.8
110°	829.9	805.2	780.8	755.9	731.4	706.9	687.9	669.1	650.1	631.2	612.4



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	842.8	830.3	817.6	805.1	792.8	780.4	771.1	761.8	752.7	743.4	733.9
115°	785.0	780.7	776.5	772.4	768.4	764.2	763.3	762.6	761.7	760.9	760.3
117.5°	688.8	689.0	689.2	689.7	690.1	690.5	695.2	699.6	704.4	709.3	714.3
120°	593.5	596.4	599.0	602.1	604.9	607.8	613.9	620.2	626.5	633.2	639.7
122.5°	514.5	516.3	517.8	519.8	521.5	523.4	529.3	535.5	541.6	548.0	554.5
125°	454.4	453.9	453.3	452.7	452.1	451.9	456.5	461.3	466.4	471.6	476.7
127.5°	414.6	412.3	410.1	408.1	405.7	403.9	406.3	408.9	411.5	414.4	417.2
130°	391.5	388.2	384.6	381.6	378.0	374.9	375.4	376.1	376.8	377.6	378.5
132.5°	379.0	375.3	371.5	367.8	363.9	360.3	359.5	358.8	357.9	357.5	357.2
135°	371.5	368.1	364.3	360.7	356.9	353.6	352.1	350.6	349.2	348.0	346.8
137.5°	367.4	364.5	361.4	358.6	355.4	352.5	350.5	349.0	347.1	345.9	344.2
140°	365.3	363.1	360.3	357.9	355.2	353.0	351.2	349.9	348.3	347.0	345.7
142.5°	364.4	362.5	360.5	358.6	356.5	354.7	353.1	351.7	350.2	349.1	347.6
145°	365.9	364.7	363.1	361.7	360.2	358.9	357.3	356.4	355.1	354.0	353.2
147.5°	365.6	364.5	363.5	362.4	361.3	360.1	359.0	358.5	357.3	356.6	355.7
150°	365.1	364.2	363.1	362.4	361.2	360.4	359.5	359.0	358.1	357.8	357.0
152.5°	363.1	362.4	361.4	360.8	359.7	358.9	358.1	357.7	357.1	356.6	355.7
155°	362.8	362.2	361.4	360.8	359.8	359.4	358.7	357.9	357.3	356.6	355.9
157.5°	363.9	363.3	362.5	362.1	361.2	360.6	359.9	359.3	358.6	358.1	357.3
160°	365.7	365.2	364.5	363.9	363.2	362.6	361.7	361.1	360.2	359.7	358.7
162.5°	369.2	368.4	367.9	367.1	366.2	365.5	364.7	364.2	363.6	363.0	362.2
165°	372.3	371.7	371.1	370.4	370.0	369.4	368.6	368.0	367.1	366.4	365.5
167.5°	377.4	377.0	376.3	375.9	375.2	374.5	373.9	373.2	372.4	371.7	370.7
170°	381.1	380.3	379.8	379.1	378.5	377.8	377.1	376.4	375.6	375.3	374.3
172.5°	385.2	384.9	384.3	383.9	383.1	382.7	382.2	381.7	381.1	380.4	380.0
175°	386.3	386.2	386.0	385.6	385.4	385.1	384.8	384.6	384.3	384.2	383.7
177.5°	388.2	388.0	388.0	387.7	387.6	387.6	387.3	387.1	386.9	386.6	386.5
180°	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7
2.5°	41445.5	41434.9	41439.9	41420.5	41425.1	41401.7	41399.6	41373.1	41370.5	41345.6	41336.2
5°	42848.7	42825.7	42851.7	42811.1	42819.1	42766.3	42761.9	42693.6	42670.1	42584.7	42547.8
7.5°	44390.9	44382.3	44398.2	44364.2	44363.1	44316.0	44296.6	44235.3	44197.4	44107.7	44050.5
10°	44728.9	44736.8	44723.8	44727.0	44708.6	44703.6	44684.8	44672.8	44642.1	44618.8	44584.6
12.5°	43325.9	43334.2	43280.8	43314.7	43287.9	43350.5	43345.5	43419.2	43430.6	43523.9	43559.2
15°	40083.4	40073.3	39970.6	40035.3	40000.6	40138.0	40168.7	40353.5	40452.5	40689.8	40835.6
17.5°	35185.1	35158.7	35014.0	35092.8	35052.7	35255.3	35323.2	35618.9	35803.3	36185.7	36458.2
20°	29346.1	29295.5	29126.3	29218.5	29177.1	29407.3	29504.3	29861.6	30099.4	30605.9	30966.2
22.5°	23434.6	23354.5	23188.9	23275.0	23236.0	23474.4	23600.6	23959.1	24231.5	24751.4	25172.1
25°	18126.1	18054.8	17894.6	17954.9	17940.3	18142.0	18254.4	18593.4	18861.1	19356.3	19757.8
27.5°	13825.2	13751.0	13606.3	13649.0	13634.3	13806.1	13911.9	14195.2	14425.5	14842.5	15195.0
30°	10581.2	10491.6	10368.9	10392.5	10382.4	10521.7	10620.5	10859.1	11056.5	11408.8	11712.5
32.5°	8110.4	8020.5	7907.7	7918.8	7903.9	8013.1	8094.6	8302.0	8474.0	8773.6	9038.0
35°	6205.6	6310.7	6069.9	6222.5	6063.6	6296.8	6212.9	6342.6	6490.5	6743.0	6963.5
37.5°	4770.6	4697.4	4635.3	4628.8	4628.5	4682.5	4746.3	4871.1	5001.5	5189.6	5383.9
40°	3780.5	3729.1	3689.0	3686.1	3689.0	3727.4	3774.5	3860.9	3956.3	4091.4	4234.2
42.5°	3135.6	3101.4	3077.3	3075.6	3083.3	3110.4	3143.2	3194.5	3256.6	3344.1	3442.0
45°	2713.9	2694.9	2681.4	2680.6	2684.2	2698.4	2717.2	2749.2	2788.6	2843.2	2905.1
47.5°	2417.9	2413.3	2404.9	2405.2	2401.4	2407.2	2409.4	2427.3	2448.2	2489.4	2570.3
50°	2202.5	2202.5	2196.7	2196.4	2190.9	2190.5	2186.0	2193.0	2202.8	2228.3	2254.2
52.5°	2032.2	2031.5	2025.3	2024.0	2018.3	2017.9	2014.0	2016.7	2018.1	2030.9	2046.4
55°	1899.0	1895.1	1886.8	1884.2	1881.9	1885.3	1883.8	1883.9	1882.2	1887.6	1892.2
57.5°	1803.6	1798.4	1790.6	1788.2	1787.6	1791.6	1791.8	1790.4	1783.3	1778.4	1771.4
60°	1728.0	1722.8	1714.4	1712.2	1713.5	1718.9	1718.7	1714.0	1703.3	1694.0	1683.2
62.5°	1653.8	1651.6	1647.4	1646.7	1645.7	1646.6	1642.7	1637.8	1627.3	1617.3	1605.6
65°	1554.1	1555.2	1552.0	1552.5	1548.6	1548.0	1542.2	1537.5	1526.8	1517.7	1505.7
67.5°	1450.7	1451.5	1448.9	1448.9	1446.9	1447.2	1443.6	1439.3	1430.2	1422.9	1413.5
70°	1365.5	1367.6	1366.1	1366.6	1364.2	1363.2	1357.7	1353.4	1344.1	1338.0	1329.5
72.5°	1263.5	1268.0	1267.8	1269.0	1265.2	1263.5	1256.9	1251.5	1243.1	1238.1	1231.5
75°	1153.2	1159.2	1160.9	1163.5	1158.3	1155.5	1148.3	1144.0	1137.2	1134.3	1129.9
77.5°	1045.7	1052.3	1058.6	1064.4	1055.9	1048.4	1039.4	1032.6	1022.8	1018.9	1012.1
80°	925.0	936.6	950.5	962.2	947.0	931.7	916.9	905.8	892.8	887.5	878.9
82.5°	767.4	779.3	787.2	794.7	784.2	773.1	758.6	749.0	734.9	729.8	719.8
85°	583.0	597.9	602.6	606.5	599.8	593.9	580.4	562.1	553.3	539.4	532.2
87.5°	383.5	392.4	394.0	395.4	391.3	388.4	379.6	371.1	355.9	344.9	331.4
90°	165.0	170.0	165.6	166.8	162.5	164.1	156.2	154.3	142.8	139.2	129.0
92.5°	32.3	30.1	28.4	26.6	29.1	30.2	32.5	33.7	35.9	37.2	39.4
95°	43.0	40.9	38.9	36.9	38.5	40.1	41.7	43.3	44.9	46.5	48.1
97.5°	58.2	56.9	55.5	54.2	55.2	56.1	57.0	57.9	58.9	59.8	60.9
100°	73.8	72.7	71.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
102.5°	117.5	113.0	108.5	103.9	107.0	110.1	113.2	116.2	119.3	122.4	125.7
105°	220.1	207.6	195.2	182.8	194.8	206.8	219.0	231.0	243.0	255.3	267.4
107.5°	397.9	378.3	358.6	338.9	361.0	382.9	404.9	426.9	448.8	470.7	493.0
110°	593.7	575.0	556.2	537.4	560.7	584.1	607.3	630.6	654.1	677.4	700.9



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	724.8	715.7	706.6	697.5	712.5	727.4	742.5	757.8	772.8	787.9	803.0
115°	759.6	759.1	758.5	758.0	765.1	772.2	779.3	786.5	793.7	800.8	808.3
117.5°	719.1	724.1	729.1	734.2	736.5	738.8	741.2	743.5	746.1	748.5	751.1
120°	646.3	652.7	659.4	666.3	665.3	664.4	663.6	662.7	662.2	661.5	661.1
122.5°	561.0	567.5	574.3	580.9	579.0	576.9	575.1	573.3	571.8	570.1	568.5
125°	482.2	487.5	493.1	498.8	496.7	494.8	492.8	491.3	489.6	487.9	486.7
127.5°	420.5	423.8	426.9	430.4	429.4	428.5	428.0	427.3	426.8	426.5	426.3
130°	379.5	380.9	382.4	383.7	384.0	384.3	385.0	385.5	386.4	387.1	388.4
132.5°	357.3	357.0	357.3	357.3	358.4	359.5	361.0	362.3	364.2	365.7	368.0
135°	346.0	345.3	344.7	344.3	345.9	347.4	349.2	351.2	353.5	355.9	358.4
137.5°	343.3	342.1	341.4	340.4	342.0	343.6	345.5	347.5	349.6	352.0	354.7
140°	344.7	343.6	343.1	342.2	343.8	345.2	347.2	349.1	351.3	353.7	356.2
142.5°	346.8	345.6	345.0	344.4	345.6	347.1	349.0	350.7	352.7	354.7	357.0
145°	352.3	351.3	350.9	350.3	351.2	352.3	353.5	354.9	356.4	357.8	359.8
147.5°	355.1	354.5	354.2	353.7	354.5	355.2	356.1	356.9	358.3	359.4	360.8
150°	356.9	356.2	355.9	355.7	356.1	356.5	357.2	357.5	358.3	359.0	360.2
152.5°	355.7	354.9	355.0	354.7	354.9	355.2	355.7	356.2	356.8	357.3	358.4
155°	355.6	355.1	354.7	354.2	354.1	354.1	354.4	354.4	354.8	354.9	355.3
157.5°	357.0	356.5	356.1	355.5	355.4	355.0	355.0	354.9	355.0	354.6	354.8
160°	358.3	357.3	356.8	356.2	356.1	355.7	355.9	355.6	355.7	355.7	355.7
162.5°	361.7	361.1	360.6	360.0	359.8	359.1	358.8	358.2	357.9	357.6	357.4
165°	364.7	364.1	363.4	362.6	362.3	362.1	361.7	361.4	361.3	360.9	360.9
167.5°	370.4	369.4	368.8	368.0	367.7	366.9	366.6	366.0	365.6	365.1	365.0
170°	373.9	373.1	372.8	372.1	371.8	371.3	371.2	370.7	370.5	370.4	370.4
172.5°	379.6	378.9	378.6	378.1	377.8	377.5	377.3	377.1	376.9	376.9	376.7
175°	383.5	383.3	383.1	382.8	382.6	382.4	382.1	381.9	381.9	381.6	381.5
177.5°	386.0	385.8	385.6	385.5	385.3	385.3	385.3	385.3	385.3	385.2	385.1
180°	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7
2.5°	41309.5	41298.6	41270.0	41255.9	41229.4	41216.1	41195.5	41182.1	41165.5	41153.1	41146.7
5°	42454.0	42401.2	42295.3	42230.1	42115.9	42040.6	41927.0	41843.8	41726.5	41640.1	41529.3
7.5°	43943.1	43862.1	43726.4	43623.6	43463.7	43341.4	43162.0	43018.4	42820.1	42655.5	42452.9
10°	44549.4	44502.1	44441.2	44375.1	44286.5	44199.5	44077.0	43952.1	43785.7	43620.1	43403.7
12.5°	43653.3	43697.8	43785.7	43826.7	43893.9	43916.7	43947.4	43933.0	43905.8	43838.2	43740.1
15°	41115.6	41301.5	41595.3	41798.4	42083.2	42283.2	42547.8	42718.1	42914.2	43031.4	43142.8
17.5°	36941.1	37300.7	37819.1	38232.6	38787.9	39239.4	39792.5	40227.0	40728.8	41113.8	41523.5
20°	31594.2	32097.8	32813.4	33421.2	34225.7	34908.0	35782.0	36514.2	37368.3	38080.3	38848.7
22.5°	25839.5	26431.8	27251.8	27984.9	28945.6	29803.8	30898.9	31867.0	33021.6	34056.0	35200.3
25°	20410.6	20991.1	21826.4	22585.5	23622.7	24568.0	25764.4	26875.0	28214.9	29464.4	30898.9
27.5°	15755.0	16270.7	17005.0	17688.2	18638.1	19566.1	20780.3	21964.6	23394.4	24737.2	26283.1
30°	12167.3	12585.6	13174.0	13723.6	14486.2	15245.2	16326.7	17422.0	18844.7	20236.2	21821.1
32.5°	9429.3	9786.0	10277.2	10723.3	11310.9	11883.2	12679.6	13554.9	14802.8	16135.7	17668.2
35°	7299.3	7604.4	8022.5	8406.8	8890.1	9344.4	9938.7	10563.4	11515.7	12636.9	14008.4
37.5°	5819.4	5943.8	6242.2	6557.1	6958.5	7331.8	7796.7	8258.5	8939.9	9824.5	10944.9
40°	4425.6	4623.1	4866.0	5114.0	5417.9	5717.4	6227.4	6472.9	6921.6	7556.6	8426.2
42.5°	3570.9	3709.8	3880.7	4053.2	4264.9	4473.5	4731.5	4994.2	5329.6	5759.7	6378.2
45°	2988.2	3078.8	3188.9	3303.9	3442.9	3585.2	3758.0	3938.4	4165.6	4430.0	4805.6
47.5°	2598.9	2649.0	2720.9	2799.3	2894.7	2993.2	3105.5	3220.5	3361.7	3518.6	3732.4
50°	2295.0	2336.8	2392.7	2445.1	2511.0	2611.9	2656.5	2719.9	2804.9	2897.2	3016.8
52.5°	2075.2	2103.0	2138.0	2168.2	2209.8	2247.6	2297.2	2340.9	2399.7	2455.1	2532.4
55°	1903.9	1914.1	1934.0	1953.4	1982.2	2008.0	2042.0	2070.6	2108.1	2141.2	2189.9
57.5°	1771.8	1772.7	1781.8	1791.9	1810.4	1826.7	1850.1	1868.9	1894.9	1916.0	1945.3
60°	1676.7	1671.7	1673.5	1677.0	1687.5	1698.0	1712.9	1725.2	1741.6	1753.5	1769.9
62.5°	1597.6	1589.6	1587.8	1586.9	1592.1	1595.9	1604.1	1610.0	1619.4	1624.5	1633.3
65°	1497.7	1488.4	1484.7	1480.4	1482.0	1480.7	1483.7	1483.9	1488.6	1489.7	1494.8
67.5°	1407.1	1399.3	1394.5	1388.8	1386.2	1382.0	1380.2	1376.2	1375.6	1372.3	1371.5
70°	1324.5	1316.8	1312.8	1307.5	1304.7	1299.2	1295.9	1289.1	1285.2	1278.9	1275.4
72.5°	1228.9	1224.6	1223.4	1219.7	1218.7	1215.7	1214.4	1209.5	1206.8	1201.4	1198.4
75°	1128.9	1125.4	1125.1	1121.4	1121.1	1117.5	1116.5	1111.5	1108.8	1103.5	1101.3
77.5°	1009.9	1004.7	1003.2	998.9	999.9	998.1	999.7	995.8	994.2	988.8	987.1
80°	875.8	869.1	866.4	860.7	862.3	859.6	862.3	861.9	863.9	859.6	858.9
82.5°	717.0	709.7	708.3	704.4	706.9	707.2	712.9	709.8	711.0	707.0	708.7
85°	521.8	516.2	508.6	507.5	502.7	507.7	501.1	505.5	498.3	503.4	496.7
87.5°	323.5	312.2	306.2	298.1	295.0	287.2	284.0	278.3	280.0	277.4	278.9
90°	127.5	118.6	117.6	110.9	111.4	105.7	107.8	104.1	106.8	103.0	106.2
92.5°	40.6	42.3	45.4	49.1	52.0	55.2	58.4	62.0	64.9	68.4	71.3
95°	49.7	51.3	55.6	59.9	64.2	68.4	72.9	77.2	81.5	85.7	90.0
97.5°	61.8	62.7	67.0	71.3	75.6	79.8	84.1	88.8	93.0	97.3	101.6
100°	70.6	70.8	83.0	95.1	107.3	119.7	131.8	144.0	156.5	168.6	180.8
102.5°	128.7	131.8	162.5	193.5	224.2	255.0	286.0	316.9	347.6	378.7	409.7
105°	279.5	291.7	338.6	385.8	432.7	479.8	527.0	574.3	621.4	668.5	715.7
107.5°	514.9	537.0	579.6	622.2	664.6	707.3	750.1	792.7	835.3	878.0	920.9
110°	724.2	747.7	776.2	804.9	833.6	862.1	890.8	919.4	948.3	977.0	1005.9



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	818.1	833.4	850.0	867.0	883.7	900.6	917.4	934.4	951.4	968.4	985.4
115°	815.6	823.1	829.5	836.3	843.0	849.8	856.7	863.6	870.7	877.6	884.6
117.5°	753.5	756.4	757.5	758.9	760.1	761.9	763.3	765.0	766.7	768.4	769.9
120°	660.5	660.0	659.3	658.7	658.0	657.6	657.1	656.8	656.5	656.2	655.8
122.5°	566.9	565.7	565.0	564.6	564.2	563.9	563.6	563.6	563.3	563.2	562.9
125°	485.3	484.2	485.6	487.2	488.8	490.6	492.2	494.2	496.0	498.0	499.8
127.5°	426.1	426.1	429.3	432.4	435.7	439.1	442.5	445.9	449.2	452.9	456.1
130°	389.5	390.9	394.6	398.8	402.7	406.9	411.1	415.4	419.4	423.6	427.7
132.5°	369.8	372.3	376.0	380.0	383.9	387.9	392.1	396.1	400.2	404.4	408.2
135°	361.1	363.9	367.5	371.2	374.9	378.8	382.6	386.5	390.0	393.9	397.4
137.5°	357.2	360.0	363.2	366.3	369.3	372.7	375.8	379.0	382.0	385.2	388.3
140°	358.7	361.5	363.4	365.7	367.8	369.9	371.8	374.2	376.1	378.4	380.2
142.5°	359.3	362.0	363.1	364.7	366.3	368.1	369.6	371.2	372.6	374.0	375.3
145°	361.4	363.6	364.1	364.9	365.5	366.3	366.9	367.7	368.0	368.7	369.1
147.5°	362.2	363.8	363.8	364.4	364.7	364.9	365.3	365.6	365.6	366.1	366.3
150°	361.0	362.2	362.0	362.2	362.0	362.1	361.8	361.9	361.6	361.7	361.5
152.5°	359.0	359.9	359.4	359.5	359.0	358.9	358.4	358.4	358.0	357.8	357.7
155°	355.5	355.8	355.6	355.5	355.2	355.1	354.9	355.0	354.9	354.8	354.9
157.5°	354.8	354.8	354.6	354.5	354.1	354.2	354.0	354.1	354.0	354.5	354.6
160°	355.6	355.7	355.4	355.2	355.1	354.9	354.9	355.0	355.1	355.5	355.7
162.5°	357.0	356.8	356.5	356.4	356.3	356.3	356.4	356.6	356.7	357.0	357.3
165°	360.9	361.0	360.5	360.5	360.2	360.1	359.9	360.0	360.2	360.4	360.6
167.5°	364.7	364.7	364.7	364.7	364.7	364.9	365.1	365.7	365.8	366.4	366.6
170°	370.3	370.4	370.2	370.2	370.1	370.0	370.1	370.1	370.3	370.4	370.4
172.5°	376.7	376.7	376.4	376.1	375.9	375.8	375.5	375.5	375.3	375.2	374.9
175°	381.1	381.1	380.9	380.8	380.6	380.3	380.2	379.8	379.6	379.5	379.4
177.5°	384.9	384.5	384.4	384.4	384.3	384.1	384.1	383.9	383.9	383.9	383.6
180°	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7
2.5°	41138.4	41137.9	41133.9	41135.8	41136.5	41139.4	41143.0	41146.7	41147.4	41150.3	41150.9
5°	41446.3	41344.5	41269.2	41186.4	41124.1	41068.2	41030.8	41001.1	40989.6	40992.6	40999.4
7.5°	42281.1	42071.0	41897.6	41700.6	41536.2	41362.2	41218.0	41080.8	40980.9	40906.4	40864.8
10°	43197.2	42941.3	42696.5	42411.3	42140.7	41852.0	41590.5	41327.2	41107.6	40917.0	40776.9
12.5°	43603.7	43422.9	43211.3	42942.1	42652.6	42319.5	41983.0	41622.4	41286.9	40975.6	40724.4
15°	43173.3	43173.6	43096.5	42967.3	42766.3	42500.0	42179.5	41803.5	41407.9	41004.1	40635.1
17.5°	41806.9	42064.7	42208.1	42298.8	42271.0	42172.9	41968.9	41680.2	41311.3	40881.2	40431.0
20°	39460.4	40068.5	40502.0	40891.9	41110.4	41255.6	41241.0	41123.6	40860.8	40495.1	40026.3
22.5°	36173.4	37194.0	37999.3	38750.3	39277.0	39705.4	39909.0	39995.5	39876.5	39621.7	39181.5
25°	32181.0	33568.7	34752.8	35902.1	36764.2	37505.1	37950.3	38264.0	38289.0	38155.8	37763.1
27.5°	27744.6	29382.6	30881.5	32408.9	33621.2	34686.3	35385.1	35896.6	36059.1	36037.7	35681.0
30°	23314.0	25033.6	26685.7	28466.7	29966.9	31327.6	32250.8	32942.6	33209.1	33260.2	32917.2
32.5°	19129.7	20825.4	22472.9	24335.0	25985.8	27545.3	28636.0	29457.7	29767.6	29840.7	29464.4
35°	15332.2	16896.6	18462.3	20266.9	21908.3	23523.2	24672.4	25532.7	25822.2	25871.0	25435.4
37.5°	12039.1	13372.0	14736.2	16355.4	17862.8	19379.4	20471.3	21279.9	21490.7	21477.7	20984.7
40°	9266.3	10302.5	11398.7	12731.8	13984.9	15267.1	16189.1	16857.5	16968.3	16886.2	16368.3
42.5°	6967.7	7716.2	8510.9	9506.0	10435.8	11395.4	12066.2	12562.4	12578.2	12448.4	11983.5
45°	5191.0	5921.2	6254.5	6856.1	7455.0	8093.1	8502.6	8809.1	8761.7	8647.5	8294.3
47.5°	3957.2	4237.8	4535.5	4908.5	5257.4	5981.4	5927.8	6419.9	6065.5	6307.2	5775.0
50°	3142.4	3299.3	3459.7	3657.6	3839.8	4029.1	4147.5	4235.7	4224.3	4186.3	4084.4
52.5°	2673.4	2722.0	2800.9	2913.5	3015.3	3117.7	3184.9	3239.7	3240.8	3225.5	3174.0
55°	2234.4	2295.9	2352.7	2426.3	2551.7	2570.9	2667.4	2647.9	2655.5	2628.8	2656.1
57.5°	1970.0	2005.9	2037.9	2081.6	2117.9	2160.1	2185.1	2209.0	2206.7	2201.6	2175.3
60°	1782.7	1802.5	1820.2	1845.8	1865.7	1889.6	1901.1	1913.3	1909.3	1900.4	1877.0
62.5°	1638.3	1650.7	1660.8	1677.3	1689.4	1704.3	1710.2	1715.4	1710.2	1701.8	1681.1
65°	1495.9	1503.8	1510.2	1522.6	1531.2	1543.9	1549.0	1553.9	1549.1	1542.6	1526.8
67.5°	1367.4	1368.1	1367.5	1372.5	1375.1	1382.8	1385.1	1388.6	1383.0	1377.4	1364.2
70°	1269.9	1267.8	1265.4	1267.4	1267.8	1271.6	1272.2	1271.6	1265.0	1255.2	1240.6
72.5°	1193.7	1192.6	1190.7	1192.4	1192.4	1195.8	1194.8	1193.1	1184.9	1175.4	1161.1
75°	1095.7	1094.9	1091.3	1091.5	1088.3	1089.4	1085.5	1083.2	1074.2	1066.2	1053.3
77.5°	981.1	979.3	973.9	972.0	966.1	963.7	956.2	952.5	943.4	936.9	925.9
80°	853.2	851.2	844.4	840.5	831.3	825.5	814.5	808.2	797.7	791.4	780.6
82.5°	705.2	706.0	699.1	694.4	681.2	671.1	656.4	648.5	636.8	630.7	619.7
85°	501.5	494.4	498.2	497.9	489.7	480.9	469.0	460.5	450.7	444.9	437.2
87.5°	275.1	276.8	274.8	273.1	267.3	262.9	253.5	248.6	241.5	237.9	232.1
90°	97.8	96.5	88.6	87.4	79.6	75.9	67.0	64.4	56.2	54.7	49.1
92.5°	67.6	64.1	60.8	56.9	53.6	50.0	46.3	42.8	39.1	37.5	36.7
95°	84.7	79.8	74.5	69.2	64.1	58.8	53.7	48.6	43.3	42.2	41.2
97.5°	95.6	89.5	83.3	77.3	71.1	65.0	59.0	52.8	46.7	46.0	45.4
100°	166.8	152.8	138.6	124.4	110.3	96.2	82.1	67.9	53.9	53.1	52.3
102.5°	375.3	341.0	306.7	272.5	238.5	204.1	169.9	135.5	101.2	96.2	91.3
105°	663.7	611.9	560.2	508.3	456.4	404.5	352.7	300.7	248.8	232.1	215.5
107.5°	872.2	823.4	774.8	726.1	677.4	628.8	580.0	531.2	482.3	453.1	423.7
110°	967.2	928.7	890.3	851.7	813.2	774.6	735.9	697.2	658.6	633.4	608.4



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	957.4	929.2	901.3	873.0	844.9	816.6	788.6	760.1	731.9	716.8	701.6
115°	868.1	851.3	834.6	817.8	801.0	784.3	767.4	750.3	733.4	725.6	717.8
117.5°	761.8	753.5	745.3	737.1	728.6	720.1	711.8	703.4	694.9	692.3	689.8
120°	654.0	652.0	649.6	647.5	645.3	643.1	640.8	638.5	636.0	636.8	637.5
122.5°	564.7	566.3	568.1	569.3	571.1	572.5	574.2	575.3	576.7	579.5	582.1
125°	503.1	506.2	509.4	512.4	515.5	518.6	521.9	524.6	527.9	530.3	533.3
127.5°	460.0	463.3	467.0	470.3	474.0	477.3	480.8	484.0	487.5	489.9	492.9
130°	431.0	434.0	437.4	440.3	443.5	446.6	449.8	452.9	455.9	458.3	460.5
132.5°	411.2	414.1	417.1	419.8	422.9	425.6	428.6	431.4	434.6	436.3	438.4
135°	400.0	402.2	404.7	406.8	409.4	411.5	413.9	416.4	419.0	420.4	422.2
137.5°	390.3	392.2	394.3	396.2	398.4	400.3	402.6	404.6	407.1	408.1	409.7
140°	382.3	384.3	386.3	388.3	390.5	392.5	395.0	397.0	399.6	400.7	402.1
142.5°	377.0	378.6	380.2	381.9	383.7	385.3	387.4	389.4	391.5	392.7	394.0
145°	371.1	372.7	374.6	376.2	378.1	380.1	382.5	384.6	386.9	387.9	389.1
147.5°	367.7	369.1	370.8	372.4	374.1	375.6	377.8	379.7	381.9	382.9	383.8
150°	363.2	364.6	366.2	367.7	369.6	371.4	373.5	375.4	377.9	379.0	380.1
152.5°	359.2	360.7	362.4	364.3	366.1	368.1	370.3	372.4	374.6	375.6	376.9
155°	356.5	357.9	359.8	361.5	363.5	365.2	367.3	369.4	371.5	372.7	373.7
157.5°	356.2	357.3	359.1	360.7	362.5	364.2	366.3	367.9	369.9	370.9	371.8
160°	357.2	358.4	360.0	361.5	363.1	364.7	366.4	368.0	369.6	370.6	371.5
162.5°	358.8	360.2	361.7	363.0	364.7	366.3	368.0	369.5	371.2	371.9	372.9
165°	361.7	362.9	364.2	365.2	366.4	367.5	368.9	370.1	371.5	372.1	373.1
167.5°	367.8	368.5	369.3	370.2	371.3	372.2	373.4	374.3	375.3	376.1	376.9
170°	371.3	372.1	372.7	373.7	374.5	375.3	376.1	376.9	378.0	378.6	379.4
172.5°	375.4	375.7	376.5	376.9	377.5	377.8	378.6	379.2	379.7	380.5	381.1
175°	379.8	379.9	380.2	380.3	380.7	380.9	381.4	381.8	382.1	382.6	382.9
177.5°	383.7	383.9	384.0	384.2	384.5	384.7	385.0	385.2	385.4	385.9	386.4
180°	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7
2.5°	41149.5	41149.1	41147.7	41145.9	41144.1	41145.1	41146.9	41151.7	41159.9	41171.9	41187.5
5°	41005.1	41013.5	41018.2	41018.9	41014.6	41012.0	41015.9	41027.2	41050.1	41088.4	41140.1
7.5°	40853.7	40864.0	40879.9	40891.9	40894.2	40891.3	40891.9	40909.6	40951.7	41026.2	41130.7
10°	40691.9	40661.2	40677.4	40707.1	40730.6	40734.9	40737.8	40758.7	40820.2	40932.9	41100.8
12.5°	40542.6	40445.2	40426.4	40453.2	40489.0	40500.5	40497.3	40506.3	40578.4	40727.4	40961.3
15°	40346.1	40162.9	40100.4	40107.2	40151.4	40167.4	40155.7	40138.0	40208.2	40390.2	40693.0
17.5°	40028.1	39732.8	39617.7	39612.7	39664.4	39678.2	39649.7	39594.7	39663.8	39890.9	40266.8
20°	39544.7	39108.8	38892.2	38857.7	38913.9	38897.5	38840.7	38757.5	38848.4	39124.4	39571.5
22.5°	38675.8	38123.4	37753.3	37633.9	37701.1	37656.2	37573.5	37467.1	37587.9	37901.6	38399.5
25°	37255.9	36617.6	36110.8	35826.6	35880.1	35799.7	35709.6	35580.8	35724.8	36084.8	36632.9
27.5°	35168.7	34431.5	33803.5	33332.9	33350.2	33244.9	33141.1	32974.4	33154.1	33580.3	34198.4
30°	32393.4	31540.4	30775.6	30135.9	30078.7	29976.7	29870.4	29651.5	29876.4	30386.6	31109.0
32.5°	28908.0	27960.9	27077.3	26268.6	26116.0	26016.4	25921.6	25669.8	25964.3	26559.2	27389.1
35°	24832.0	23823.1	22865.1	21941.5	21688.7	21589.1	21506.3	21265.0	21632.6	22279.8	23176.1
37.5°	20358.1	19327.4	18376.3	17429.2	17072.0	16936.9	16876.8	16718.7	17142.7	17782.9	18682.9
40°	15765.1	14806.8	13954.1	13117.5	12710.3	12503.7	12472.1	12443.3	12853.3	13408.7	14225.6
42.5°	11468.5	10695.4	10037.8	9398.4	9029.5	8747.2	8747.0	8832.7	9201.7	9617.8	10247.7
45°	7933.1	7414.3	6995.3	6568.1	6682.2	6119.5	6450.2	6280.4	6462.8	6731.0	7140.7
47.5°	5453.2	5170.0	4939.9	4701.2	4527.2	4361.1	4375.6	4482.7	4654.5	4813.7	5026.8
50°	3974.5	3830.2	3713.0	3589.1	3502.4	3429.2	3433.5	3479.8	3570.1	3653.9	3765.5
52.5°	3114.3	3034.7	2971.1	2902.5	2857.1	2820.6	2822.6	2845.1	2894.0	2941.8	3005.8
55°	2566.9	2557.3	2474.5	2413.0	2389.6	2365.1	2369.5	2378.5	2411.6	2439.7	2482.0
57.5°	2151.0	2113.9	2089.1	2056.7	2041.8	2024.7	2028.5	2031.9	2054.1	2072.9	2103.4
60°	1857.4	1831.1	1813.6	1791.5	1781.7	1770.8	1773.3	1775.2	1789.5	1801.7	1823.6
62.5°	1662.3	1638.8	1623.5	1606.5	1599.6	1592.3	1594.0	1594.5	1603.4	1612.4	1629.0
65°	1512.7	1494.0	1481.3	1466.6	1459.4	1451.8	1452.6	1452.6	1460.0	1466.6	1479.0
67.5°	1354.4	1340.4	1332.2	1320.5	1315.6	1307.8	1307.7	1305.2	1310.1	1312.7	1321.1
70°	1227.5	1213.3	1202.7	1191.5	1185.4	1178.5	1178.6	1178.8	1184.5	1190.5	1201.3
72.5°	1148.9	1135.4	1126.0	1116.2	1110.4	1104.6	1103.5	1103.0	1107.1	1110.3	1117.5
75°	1045.0	1034.3	1028.7	1019.6	1014.9	1008.3	1007.3	1004.2	1006.2	1006.8	1012.2
77.5°	919.0	908.8	904.3	895.0	891.1	883.7	883.0	879.6	881.2	880.1	884.3
80°	775.3	766.0	763.5	755.9	754.1	747.1	746.1	742.0	743.2	740.0	741.5
82.5°	615.0	606.4	604.5	597.5	597.5	591.3	590.9	584.7	584.7	579.3	570.8
85°	433.2	426.9	424.3	418.5	416.8	411.8	409.1	403.2	401.0	397.2	396.0
87.5°	228.6	224.7	221.1	218.3	213.3	204.2	203.5	197.2	197.7	193.3	193.6
90°	48.2	43.1	42.4	37.7	36.7	33.4	32.7	32.5	33.2	33.2	34.0
92.5°	35.5	34.3	33.1	31.9	30.7	29.5	28.2	29.5	30.7	31.9	33.1
95°	40.1	39.0	38.0	36.9	35.8	34.8	33.7	34.8	35.8	37.0	38.1
97.5°	44.6	44.0	43.3	42.7	42.0	41.3	40.6	41.5	42.2	42.9	43.5
100°	51.5	50.7	49.9	49.1	48.3	47.5	46.7	47.8	48.6	49.4	50.2
102.5°	86.5	81.6	76.6	71.7	66.7	61.8	56.9	61.8	66.7	71.8	76.7
105°	198.7	182.1	165.5	148.7	132.0	115.3	98.6	115.5	132.2	148.9	165.8
107.5°	394.3	365.2	335.7	306.5	276.9	247.6	218.2	247.7	277.2	306.6	336.0
110°	583.0	557.7	532.4	507.1	481.7	456.4	431.0	456.5	482.0	507.4	532.8



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	686.2	670.9	655.6	640.5	624.9	609.6	594.1	609.9	625.4	641.2	656.5
115°	710.0	702.0	694.0	686.1	678.0	670.0	661.7	670.4	678.7	687.0	695.3
117.5°	687.2	684.8	682.1	679.5	676.6	674.1	671.1	674.4	677.4	680.8	683.6
120°	638.1	638.9	639.6	640.0	640.6	641.1	641.4	641.7	641.7	641.7	641.5
122.5°	584.7	587.3	589.7	592.1	594.5	596.8	598.9	597.4	595.7	594.1	592.1
125°	535.8	538.8	541.3	544.0	546.3	548.9	550.8	549.7	548.0	546.3	544.1
127.5°	495.4	498.0	500.3	503.0	505.1	507.3	509.3	508.3	506.8	505.4	503.5
130°	462.6	465.0	467.0	469.1	470.8	472.5	473.9	473.4	472.5	471.8	470.4
132.5°	440.1	442.2	444.0	445.7	447.0	448.6	449.5	449.6	449.0	448.6	447.6
135°	423.8	425.3	426.7	428.4	429.4	430.5	431.0	431.6	431.4	431.3	430.7
137.5°	410.7	412.2	413.1	414.1	414.9	415.5	415.9	416.6	416.9	417.4	417.2
140°	403.2	404.6	405.6	406.5	407.5	408.3	408.5	409.4	409.7	409.9	409.7
142.5°	395.2	396.5	397.6	398.7	399.4	400.2	400.6	401.3	401.5	401.8	401.7
145°	390.1	391.1	392.1	393.1	393.6	394.2	394.2	395.2	395.6	396.0	396.2
147.5°	384.9	386.0	386.7	387.5	388.0	388.4	388.7	389.4	390.0	390.3	390.7
150°	381.3	382.5	383.4	384.3	385.1	385.8	385.9	386.7	386.9	387.2	387.2
152.5°	377.8	378.7	379.7	380.4	381.2	381.7	382.0	382.7	383.3	383.6	383.8
155°	374.7	375.8	376.7	377.6	378.2	379.0	379.6	380.2	380.7	381.0	381.3
157.5°	372.7	373.7	374.5	375.4	376.1	377.0	377.6	378.4	378.8	379.4	379.7
160°	372.3	373.4	374.0	374.9	375.6	376.4	377.0	377.8	378.4	378.8	379.4
162.5°	373.6	374.5	375.0	375.9	376.7	377.4	378.0	378.8	379.4	380.0	380.5
165°	374.1	375.0	375.7	376.6	377.6	378.4	379.0	379.6	380.0	380.4	380.8
167.5°	377.7	378.6	379.2	380.0	380.6	381.5	382.3	382.7	383.1	383.4	383.7
170°	380.0	380.7	381.5	382.0	382.8	383.5	384.0	384.3	384.7	385.0	385.3
172.5°	381.6	382.5	383.1	384.0	384.5	385.2	385.9	386.1	386.2	386.2	386.1
175°	383.4	384.1	384.5	385.1	385.5	386.0	386.7	386.6	386.8	386.7	386.7
177.5°	386.9	387.6	388.3	388.6	389.2	389.5	390.1	389.7	389.5	389.2	388.8
180°	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7
2.5°	41209.6	41230.2	41261.7	41290.3	41333.4	41367.3	41418.3	41457.0	41514.5	41551.9	41614.4
5°	41213.2	41293.9	41399.9	41503.3	41627.7	41740.6	41881.0	42000.5	42141.5	42256.6	42400.9
7.5°	41271.5	41426.9	41613.4	41801.1	42013.5	42212.1	42436.0	42638.5	42860.0	43047.4	43252.1
10°	41314.5	41554.3	41828.9	42105.3	42396.1	42666.4	42939.2	43175.0	43395.4	43576.6	43736.8
12.5°	41256.2	41586.5	41939.0	42279.2	42602.7	42882.4	43117.1	43298.5	43423.6	43508.5	43528.4
15°	41058.1	41455.6	41838.7	42177.6	42446.0	42653.0	42760.2	42810.3	42756.5	42667.1	42470.6
17.5°	40687.9	41107.2	41449.7	41717.1	41858.9	41915.1	41826.3	41671.9	41370.2	41035.3	40551.6
20°	40009.3	40400.0	40648.4	40794.2	40756.3	40616.0	40280.9	39873.6	39271.2	38629.1	37781.9
22.5°	38819.0	39160.5	39292.9	39303.8	39072.3	38720.9	38116.5	37417.9	36467.5	35479.5	34264.4
25°	37032.3	37331.4	37352.4	37234.8	36811.2	36241.8	35354.3	34366.0	33074.5	31758.1	30235.5
27.5°	34609.2	34896.0	34825.8	34606.6	34018.3	33256.5	32120.2	30843.5	29251.4	27696.4	26012.1
30°	31563.1	31869.9	31787.5	31506.2	30806.6	29906.1	28569.1	27085.8	25318.2	23657.3	21950.5
32.5°	27917.9	28305.8	28248.8	27981.5	27251.5	26287.8	24837.1	23263.8	21455.3	19818.8	18158.4
35°	23774.6	24245.6	24269.9	24095.2	23417.4	22464.9	21032.4	19509.6	17777.4	16233.2	14699.3
37.5°	19310.7	19856.7	19968.8	19921.7	19360.0	18519.2	17214.0	15847.9	14313.3	12959.9	11648.2
40°	14822.1	15374.7	15566.5	15623.5	15208.9	14557.7	13486.4	12383.8	11132.8	10036.1	8994.5
42.5°	10728.7	11218.6	11403.9	11520.6	11261.8	10827.5	10046.1	9245.4	8328.9	7537.9	6779.5
45°	7451.3	7797.8	7938.8	8056.2	7915.2	7670.2	7176.8	6676.0	6071.0	5554.1	5064.7
47.5°	5209.6	5400.7	5493.8	5550.7	5496.1	5368.3	5099.8	4809.7	4468.2	4166.1	3875.7
50°	3861.5	3963.2	4011.8	4044.8	4005.0	3933.9	3788.6	3630.7	3443.1	3272.0	3104.8
52.5°	3060.1	3118.5	3147.3	3165.1	3142.2	3098.8	3014.2	2920.5	2808.1	2702.4	2646.9
55°	2578.0	2574.9	2641.8	2609.5	2641.8	2569.7	2554.5	2451.6	2358.2	2292.5	2221.3
57.5°	2126.0	2156.3	2169.1	2183.5	2174.2	2161.0	2125.0	2088.2	2038.9	1997.8	1953.8
60°	1840.3	1865.2	1879.3	1893.6	1892.6	1887.7	1866.9	1844.8	1814.1	1789.5	1762.9
62.5°	1643.5	1665.1	1679.0	1692.6	1693.9	1691.8	1676.1	1660.8	1639.9	1624.4	1606.0
65°	1488.6	1503.8	1513.3	1524.2	1523.6	1520.6	1506.4	1493.7	1476.4	1465.7	1452.3
67.5°	1326.6	1338.1	1345.4	1355.7	1357.7	1358.3	1350.5	1344.6	1336.1	1333.1	1328.4
70°	1211.4	1225.3	1237.1	1250.1	1257.1	1260.5	1257.1	1254.1	1249.2	1247.1	1243.5
72.5°	1124.2	1135.9	1145.1	1157.0	1163.5	1168.3	1165.7	1164.0	1159.7	1159.1	1156.6
75°	1015.9	1024.0	1029.2	1038.0	1041.6	1046.0	1044.0	1045.0	1043.7	1047.1	1046.9
77.5°	885.6	891.6	894.1	900.5	901.1	906.5	907.7	914.0	918.4	928.2	933.4
80°	739.0	742.9	742.9	749.4	752.4	761.4	765.7	775.9	780.6	789.4	790.2
82.5°	574.1	569.7	574.1	571.3	579.8	589.8	591.3	600.0	602.0	607.5	603.2
85°	392.5	392.2	388.6	389.2	386.7	387.9	386.4	388.0	386.5	386.7	382.7
87.5°	188.0	189.7	185.6	187.0	183.0	184.8	181.3	184.1	179.9	180.5	174.4
90°	34.2	34.9	35.2	36.0	37.2	39.2	41.4	43.5	46.3	48.3	50.7
92.5°	34.3	35.6	36.9	38.1	39.3	43.0	46.5	50.2	53.8	57.4	61.0
95°	39.1	40.2	41.3	42.7	43.8	49.0	54.2	59.4	64.7	69.9	75.1
97.5°	44.5	45.1	45.8	46.4	47.3	53.5	59.6	65.8	71.9	78.1	84.0
100°	51.2	52.0	52.8	53.7	54.5	68.7	82.9	97.1	111.3	125.3	139.5
102.5°	81.9	86.8	91.8	97.0	101.9	136.3	170.7	205.1	239.3	273.6	307.8
105°	182.4	199.2	216.3	232.9	249.7	301.7	353.8	405.9	457.6	509.6	561.6
107.5°	365.6	395.0	424.6	454.1	483.5	532.5	581.3	630.2	679.2	728.0	776.5
110°	558.7	583.7	609.5	634.9	660.3	698.9	737.9	776.5	815.3	854.0	892.6



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	672.2	687.5	703.1	718.3	733.9	762.2	790.9	819.1	847.7	875.7	904.1
115°	703.6	711.5	719.8	727.8	736.1	753.1	770.0	787.1	804.3	821.0	838.1
117.5°	686.5	689.4	692.4	694.8	697.8	706.4	715.1	723.7	732.3	741.0	749.5
120°	641.4	640.9	640.6	640.0	639.7	642.1	644.7	647.1	649.7	652.0	654.3
122.5°	590.2	587.9	585.7	583.4	581.2	579.8	578.6	577.2	576.2	574.7	573.4
125°	542.2	539.8	537.6	535.0	532.6	529.8	527.1	524.1	521.2	518.3	515.3
127.5°	502.0	499.7	497.8	495.4	493.2	489.8	486.7	483.3	480.2	476.7	473.6
130°	469.2	467.5	466.1	463.9	462.4	459.1	456.4	453.4	450.5	447.5	444.6
132.5°	446.8	445.5	444.3	442.6	441.3	438.4	436.1	433.1	430.4	427.7	425.1
135°	430.2	429.4	428.6	427.4	426.3	423.9	422.0	419.6	417.5	415.4	413.2
137.5°	417.2	416.5	416.1	415.4	414.7	412.7	411.0	408.9	407.3	405.2	403.5
140°	409.8	409.3	408.9	408.3	407.7	405.6	403.8	401.7	399.9	397.9	396.1
142.5°	401.5	401.2	400.8	400.2	399.7	398.0	396.7	395.1	393.5	392.0	390.5
145°	396.2	395.9	395.9	395.4	395.4	393.4	391.9	390.1	388.7	386.8	385.3
147.5°	390.9	390.7	390.8	390.6	390.6	389.1	387.9	386.4	385.2	383.7	382.6
150°	387.4	387.3	387.3	386.9	386.8	385.3	384.3	382.8	381.9	380.2	379.2
152.5°	383.9	384.1	384.2	384.2	384.3	383.1	381.9	380.5	379.3	377.8	376.7
155°	381.6	381.8	381.9	381.9	381.9	380.8	379.7	378.6	377.5	376.2	375.2
157.5°	380.1	380.3	380.6	380.8	381.0	380.0	379.1	378.1	377.2	376.1	375.2
160°	379.8	380.2	380.5	380.7	381.1	380.2	379.7	378.6	378.1	377.0	376.1
162.5°	381.0	381.4	381.7	381.9	382.1	381.3	380.9	380.1	379.3	378.1	377.3
165°	381.2	381.3	381.6	381.7	381.8	381.2	380.9	380.3	379.8	379.1	378.6
167.5°	384.0	384.1	384.3	384.4	384.5	384.2	384.3	383.7	383.3	382.9	382.5
170°	385.4	385.7	385.8	385.9	386.0	385.6	385.3	385.0	384.8	384.2	383.7
172.5°	386.3	386.2	386.2	386.3	386.2	386.0	385.8	385.5	385.4	385.2	384.9
175°	386.6	386.4	386.5	386.4	386.2	386.2	386.1	386.1	386.0	385.9	385.8
177.5°	388.7	388.5	388.1	387.8	387.6	387.5	387.5	387.4	387.5	387.4	387.2
180°	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7
2.5°	41653.1	41395.9	41362.0	41380.0	41423.0	41438.9	41485.3	41497.9	41544.6	41556.1	41601.0
5°	42512.6	42172.6	42189.6	42271.3	42395.1	42468.8	42590.5	42654.1	42770.2	42823.1	42928.0
7.5°	43418.9	43151.9	43235.1	43373.0	43542.2	43659.4	43805.6	43900.7	44026.6	44104.9	44205.7
10°	43863.8	43790.7	43882.4	43990.8	44087.4	44163.0	44224.9	44274.6	44307.0	44337.4	44350.8
12.5°	43525.2	43638.5	43654.1	43643.5	43579.6	43530.7	43421.0	43346.5	43214.2	43133.5	42976.1
15°	42269.9	42518.8	42381.0	42172.3	41866.9	41612.3	41252.7	40984.9	40610.5	40356.5	39980.7
17.5°	40066.9	40381.1	40021.9	39539.0	38924.6	38399.0	37744.6	37225.0	36574.3	36101.0	35493.7
20°	36965.4	37259.1	36618.3	35817.8	34867.4	34067.6	33124.4	32372.0	31495.4	30843.5	30056.7
22.5°	33103.8	33313.0	32410.4	31331.1	30120.3	29121.2	27993.4	27091.3	26091.0	25345.7	24506.8
25°	28831.7	28888.1	27805.4	26562.0	25212.6	24089.6	22885.7	21937.2	20917.1	20161.7	19338.3
27.5°	24519.8	24437.0	23266.8	21948.4	20528.9	19361.7	18187.4	17298.6	16405.2	15724.7	15015.3
30°	20450.0	20249.4	19034.4	17679.3	16301.4	15255.2	14280.4	13566.6	12855.8	12316.1	11746.6
32.5°	16717.8	16435.0	15252.2	13982.7	12821.6	12014.3	11291.4	10751.3	10177.3	9721.3	9243.5
35°	13412.1	13110.8	12063.0	10986.7	10107.9	9512.8	8944.7	8501.6	8014.2	7629.6	7214.6
37.5°	10575.1	10328.1	9450.4	8603.5	7938.8	7477.6	7012.1	6649.9	6247.2	6078.0	5634.6
40°	8163.9	7991.3	7305.0	6680.7	6181.6	5964.9	5492.4	5154.1	4853.1	4605.0	4364.5
42.5°	6368.0	6306.9	5639.0	5152.1	4800.7	4527.7	4264.4	4050.6	3842.5	3671.4	3509.8
45°	4673.1	4624.8	4328.3	4047.2	3807.7	3617.0	3439.0	3292.0	3155.9	3043.2	2940.6
47.5°	3639.0	3623.6	3452.7	3278.5	3127.6	3005.0	2889.5	2791.9	2701.6	2626.3	2601.9
50°	2959.7	2957.8	2857.5	2750.0	2642.5	2571.6	2498.0	2440.3	2382.3	2337.1	2289.4
52.5°	2514.8	2503.9	2436.3	2369.9	2306.1	2259.6	2212.4	2175.5	2137.1	2109.3	2079.6
55°	2165.0	2176.4	2137.3	2097.7	2057.7	2028.8	1995.8	1971.5	1945.1	1927.5	1909.6
57.5°	1922.0	1937.2	1916.7	1894.1	1869.8	1850.8	1828.1	1811.2	1793.6	1782.5	1772.0
60°	1745.3	1761.8	1753.5	1742.2	1727.2	1715.9	1701.4	1692.0	1680.7	1674.5	1668.6
62.5°	1595.3	1616.0	1613.1	1607.7	1598.1	1591.8	1583.8	1579.7	1572.2	1569.5	1566.7
65°	1445.7	1469.0	1468.5	1465.8	1460.5	1458.7	1453.8	1452.8	1449.0	1450.6	1450.2
67.5°	1328.0	1348.2	1352.7	1355.9	1355.7	1356.9	1356.5	1358.5	1358.5	1361.4	1363.2
70°	1243.1	1257.1	1260.5	1263.9	1264.8	1267.6	1267.6	1269.2	1268.8	1271.2	1271.6
72.5°	1157.2	1175.8	1179.2	1181.9	1181.9	1184.5	1183.1	1182.6	1179.0	1178.2	1175.6
75°	1050.5	1074.2	1079.3	1082.7	1083.2	1085.5	1082.3	1080.2	1074.2	1071.7	1067.4
77.5°	938.9	963.5	967.2	968.4	966.4	966.9	960.2	955.6	947.7	944.5	940.4
80°	793.6	829.9	832.9	830.5	824.9	823.9	817.4	813.1	803.8	800.6	797.0
82.5°	603.9	646.5	652.5	655.1	650.4	651.5	645.3	642.8	634.2	632.7	627.0
85°	381.3	423.8	430.9	429.8	425.3	424.2	420.4	421.7	421.0	423.2	424.4
87.5°	175.2	216.4	226.3	223.1	222.6	219.8	213.2	215.6	219.6	222.2	222.3
90°	52.9	67.5	69.5	68.8	64.0	62.6	58.2	57.5	53.7	52.9	49.3
92.5°	64.6	68.2	71.8	68.6	65.4	62.2	59.0	55.5	52.5	49.1	46.1
95°	80.4	85.2	90.5	86.2	81.8	77.5	73.3	68.9	64.6	60.3	56.1
97.5°	90.2	96.1	102.0	97.8	93.5	89.0	84.7	80.5	76.2	71.8	67.5
100°	153.7	167.3	181.3	169.0	156.8	144.6	132.4	120.1	107.9	95.7	83.4
102.5°	342.1	376.0	410.1	379.2	348.3	317.3	286.6	255.6	224.8	193.8	163.0
105°	613.4	664.7	716.4	669.0	621.8	574.8	527.6	480.4	433.3	386.0	339.1
107.5°	825.4	873.0	921.4	878.8	836.1	793.5	750.6	707.9	665.1	622.5	579.9
110°	931.2	968.5	1006.8	977.8	949.2	920.2	891.6	862.6	834.0	805.5	776.8



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	932.2	958.8	986.5	969.2	952.3	935.3	918.3	901.2	884.5	867.4	850.8
115°	854.8	869.6	885.9	878.7	871.8	864.7	857.7	850.9	843.9	837.0	830.5
117.5°	758.0	763.9	771.5	769.7	768.2	766.3	764.7	763.0	761.6	760.0	758.5
120°	656.7	656.1	657.7	657.9	658.3	658.4	658.8	659.1	659.5	660.0	660.5
122.5°	571.9	567.5	565.1	565.2	565.3	565.2	565.5	565.8	566.0	566.2	566.7
125°	512.4	506.0	502.0	500.1	498.3	496.4	494.5	492.5	490.9	489.2	487.6
127.5°	470.2	463.2	458.8	455.5	452.1	448.5	445.2	441.6	438.4	434.9	431.8
130°	441.6	434.7	430.7	426.5	422.6	418.2	414.3	410.1	405.9	401.9	397.8
132.5°	422.3	415.3	411.5	407.6	403.9	399.6	395.9	391.7	387.7	383.5	379.8
135°	410.9	404.3	401.1	397.3	394.0	390.1	386.5	382.7	379.2	375.3	372.0
137.5°	401.5	394.9	392.1	388.9	386.1	383.0	380.2	377.0	374.0	370.5	367.8
140°	394.1	387.2	384.2	382.3	380.6	378.5	376.6	374.5	372.7	370.6	368.6
142.5°	389.0	382.1	379.5	378.1	377.0	375.5	374.5	373.0	371.8	369.9	368.7
145°	383.7	376.2	373.4	372.8	372.6	372.1	371.6	371.1	370.6	369.9	369.5
147.5°	381.1	373.3	370.5	370.5	370.4	370.1	370.2	369.8	369.9	369.6	369.5
150°	377.6	368.9	365.6	365.9	365.9	366.2	366.4	366.4	366.9	367.0	367.1
152.5°	375.2	364.7	361.1	361.3	361.8	361.9	362.2	362.7	363.2	363.6	363.9
155°	373.7	362.3	358.3	358.1	358.2	358.4	358.5	358.8	359.0	359.3	359.8
157.5°	373.9	362.0	358.1	357.7	357.6	357.6	357.5	357.7	357.8	358.0	358.4
160°	375.1	363.1	359.2	358.8	358.8	358.5	358.4	358.3	358.5	358.6	359.0
162.5°	376.2	364.6	360.9	360.4	360.0	359.8	359.8	359.5	359.7	359.6	359.9
165°	377.8	367.4	363.9	363.6	363.6	363.4	363.3	363.3	363.4	363.5	363.8
167.5°	381.8	372.5	369.8	369.4	368.9	368.5	368.5	367.9	367.9	367.5	367.5
170°	383.2	375.9	373.6	373.3	373.5	373.3	373.1	373.1	373.1	372.9	373.1
172.5°	384.4	379.2	377.3	377.5	377.8	377.8	378.1	378.2	378.5	378.7	379.0
175°	385.6	382.4	381.6	381.5	381.6	381.8	381.9	382.0	382.1	382.3	382.7
177.5°	387.3	386.3	386.0	386.0	386.0	386.0	386.0	386.0	386.0	386.1	386.1
180°	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7
2.5°	41609.3	41657.8	41654.2	41699.5	41697.2	41739.9	41731.3	41768.1	41759.8	41791.3	41772.8
5°	42974.2	43066.5	43096.9	43180.2	43197.4	43272.0	43273.5	43332.7	43325.6	43371.9	43347.2
7.5°	44265.4	44351.5	44392.4	44457.1	44489.4	44542.9	44563.9	44607.9	44618.5	44644.6	44643.8
10°	44374.3	44374.0	44394.2	44385.2	44403.2	44392.8	44414.8	44406.9	44439.5	44431.0	44455.7
12.5°	42908.2	42762.7	42709.5	42578.8	42550.2	42438.1	42446.0	42374.1	42408.9	42364.7	42439.9
15°	39757.1	39419.5	39252.8	38959.4	38867.2	38635.3	38616.4	38462.4	38504.0	38423.3	38541.1
17.5°	35100.8	34569.3	34277.8	33849.1	33679.0	33350.9	33285.1	33086.8	33117.6	33017.7	33160.0
20°	29549.2	28907.0	28539.1	28043.5	27822.4	27431.3	27327.6	27105.7	27133.5	27034.0	27195.1
22.5°	23934.2	23262.0	22846.8	22327.2	22044.9	21677.1	21566.7	21343.9	21356.5	21263.2	21418.0
25°	18774.3	18129.8	17726.7	17254.9	17009.9	16672.6	16556.7	16356.5	16367.8	16290.8	16429.8
27.5°	14523.3	13994.5	13657.2	13261.7	13042.1	12764.9	12651.8	12483.4	12483.0	12426.5	12542.6
30°	11349.1	10907.9	10605.0	10260.6	10054.4	9804.1	9694.9	9544.4	9537.8	9497.7	9590.0
32.5°	8886.1	8493.6	8217.5	7914.3	7729.1	7514.4	7411.1	7290.1	7279.0	7242.7	7318.5
35°	6907.8	6577.2	6339.8	6084.6	6103.4	5786.6	5839.3	5593.2	5526.5	5512.0	5568.3
37.5°	5338.9	5083.0	4890.0	4698.9	4569.4	4435.6	4363.5	4298.8	4291.4	4285.1	4324.6
40°	4178.9	3999.8	3859.4	3728.3	3639.2	3557.5	3512.4	3477.0	3468.5	3463.8	3487.7
42.5°	3382.2	3261.3	3170.9	3090.8	3036.7	2992.4	2967.6	2947.8	2941.2	2941.4	2955.5
45°	2857.5	2784.2	2725.9	2676.2	2641.6	2656.8	2612.1	2635.5	2604.6	2636.6	2615.5
47.5°	2516.5	2454.0	2417.9	2382.7	2361.8	2344.9	2345.6	2345.8	2352.4	2353.5	2360.4
50°	2253.2	2217.2	2192.0	2169.6	2158.7	2149.9	2152.9	2155.2	2161.6	2162.1	2167.2
52.5°	2058.5	2034.7	2019.6	2005.7	2000.8	1995.8	1997.9	1997.0	1999.9	1998.4	2002.5
55°	1900.0	1888.8	1884.0	1878.9	1879.6	1878.3	1879.1	1874.1	1871.0	1867.2	1870.8
57.5°	1769.9	1768.4	1771.6	1773.7	1779.7	1781.8	1783.3	1777.4	1771.9	1766.9	1769.7
60°	1669.6	1672.1	1680.1	1686.5	1695.1	1699.0	1701.5	1698.2	1694.1	1690.0	1692.5
62.5°	1570.8	1574.6	1584.2	1591.3	1601.7	1607.1	1613.1	1613.4	1614.9	1613.4	1615.0
65°	1456.0	1460.8	1469.4	1475.4	1485.0	1489.7	1495.9	1496.9	1500.3	1499.5	1502.5
67.5°	1368.9	1373.2	1380.4	1386.0	1394.5	1399.4	1404.8	1405.1	1406.3	1406.0	1408.8
70°	1275.8	1278.0	1284.4	1289.1	1297.7	1302.8	1308.9	1310.7	1314.5	1315.1	1318.2
72.5°	1176.7	1175.8	1179.6	1181.7	1188.2	1192.2	1199.9	1204.2	1210.6	1212.3	1214.6
75°	1068.7	1067.8	1072.3	1074.2	1079.7	1083.6	1092.4	1098.1	1108.0	1112.1	1111.1
77.5°	943.6	945.8	954.3	959.0	966.4	971.5	982.8	991.8	1010.0	1018.0	1009.9
80°	803.8	806.0	814.9	819.4	829.0	835.2	847.8	858.4	874.7	878.3	873.7
82.5°	631.9	632.5	640.6	643.8	656.4	665.4	681.5	689.9	700.1	698.5	697.3
85°	430.9	436.7	446.6	456.6	471.9	486.6	501.7	514.3	505.4	519.4	503.8
87.5°	230.3	229.6	243.1	241.0	262.4	274.8	287.9	294.3	301.3	299.9	300.0
90°	49.1	46.4	47.1	44.0	45.7	42.4	45.1	42.2	45.6	41.7	48.1
92.5°	42.7	41.2	39.2	37.7	35.7	34.2	32.3	30.6	28.8	27.1	28.8
95°	51.8	50.2	48.6	46.8	45.2	43.6	42.0	40.4	38.8	37.2	39.2
97.5°	63.3	62.3	61.4	60.4	59.5	58.5	57.7	56.7	55.6	54.6	56.0
100°	71.2	71.2	71.2	71.2	70.9	70.9	70.9	70.9	70.9	70.9	72.0
102.5°	132.1	128.9	125.9	122.6	119.6	116.5	113.4	110.3	107.3	104.2	108.7
105°	291.9	279.9	267.8	255.7	243.5	231.4	219.4	207.3	195.2	183.2	195.7
107.5°	537.4	515.4	493.3	471.3	449.2	427.3	405.4	383.4	361.4	339.5	359.2
110°	748.1	724.8	701.2	678.0	654.5	631.0	607.8	584.5	561.2	537.9	556.6



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	834.0	818.5	803.5	788.2	773.1	758.1	743.0	728.0	713.0	698.0	707.1
115°	823.5	816.2	808.9	801.6	794.4	787.0	779.7	772.6	765.6	758.4	759.0
117.5°	757.1	754.3	751.9	749.2	746.7	744.2	741.9	739.6	737.2	735.0	729.9
120°	661.2	661.6	661.8	662.6	663.1	664.0	664.4	665.4	666.3	667.3	660.4
122.5°	567.1	568.3	569.7	571.2	572.8	574.5	576.2	578.2	580.2	582.2	575.3
125°	485.8	487.1	488.3	489.8	490.9	492.9	494.5	496.5	498.3	500.6	494.8
127.5°	428.5	428.6	428.5	428.8	428.9	429.6	430.2	431.0	431.9	433.0	429.4
130°	393.8	392.5	391.2	390.2	389.1	388.4	387.9	387.3	386.8	386.8	385.3
132.5°	375.6	373.5	371.3	369.4	367.5	366.0	364.3	363.2	362.1	361.1	360.7
135°	368.0	365.3	362.6	360.0	357.5	355.7	353.4	351.8	350.0	348.6	349.1
137.5°	364.7	362.1	359.3	356.9	354.4	352.4	350.2	348.5	346.9	345.4	346.2
140°	366.6	363.9	361.3	358.9	356.6	354.6	352.5	350.9	349.0	347.9	348.3
142.5°	367.1	365.1	362.5	360.5	358.2	356.5	354.7	353.2	351.4	350.4	351.0
145°	368.8	367.1	365.3	363.6	362.1	360.8	359.1	358.2	357.2	356.5	356.9
147.5°	369.1	368.0	366.4	365.4	363.9	363.1	362.0	361.3	360.5	360.0	360.1
150°	367.2	366.5	365.5	364.8	364.0	363.5	362.8	362.4	361.9	361.6	361.7
152.5°	364.3	363.8	363.0	362.4	361.7	361.4	360.8	360.6	360.2	360.0	360.0
155°	360.0	359.8	359.5	359.3	359.0	359.2	359.0	359.2	359.0	359.2	359.4
157.5°	358.6	358.7	358.6	358.9	359.0	359.1	359.1	359.6	359.7	360.1	360.4
160°	359.3	359.4	359.3	359.5	359.5	359.6	359.8	359.9	360.1	360.3	360.8
162.5°	360.0	360.5	360.6	360.9	361.4	361.7	362.2	362.8	363.1	363.7	364.2
165°	364.0	364.1	364.1	364.1	364.5	364.7	364.7	365.3	365.5	366.0	366.5
167.5°	367.4	367.6	367.7	367.9	368.2	368.6	368.9	369.5	370.0	370.7	371.2
170°	372.9	372.9	372.9	372.9	372.9	373.2	373.3	373.5	373.7	374.1	374.5
172.5°	379.2	379.2	378.8	379.2	378.8	379.2	379.2	379.3	379.3	379.4	379.6
175°	382.6	382.9	383.1	383.4	383.4	383.5	383.6	383.7	383.9	384.2	384.2
177.5°	386.1	386.2	386.2	386.2	386.2	386.4	386.4	386.4	386.4	386.2	386.3
180°	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7
2.5°	41803.5	41782.6	41804.0	41782.2	41804.0	41777.9	41795.6	41767.4	41774.6	41745.4	41752.9
5°	43384.1	43350.8	43368.5	43325.2	43329.9	43272.0	43271.0	43203.6	43185.9	43109.2	43075.5
7.5°	44662.3	44651.4	44657.6	44629.7	44626.5	44587.0	44568.2	44512.5	44477.5	44406.9	44358.7
10°	44460.0	44492.6	44501.0	44534.2	44541.1	44574.0	44580.8	44613.7	44620.7	44645.0	44645.3
12.5°	42436.4	42547.0	42573.5	42710.2	42767.6	42924.0	43007.9	43180.2	43282.5	43454.4	43560.0
15°	38537.9	38729.4	38805.7	39072.5	39220.2	39531.7	39727.4	40085.2	40337.7	40717.6	40988.6
17.5°	33172.5	33440.0	33560.7	33922.6	34158.7	34618.4	34949.9	35495.4	35913.0	36519.2	36999.7
20°	27222.6	27519.9	27683.8	28096.6	28375.2	28912.5	29326.2	29996.5	30555.6	31323.6	31980.6
22.5°	21466.6	21749.5	21931.4	22351.4	22665.1	23225.4	23687.8	24395.4	25021.7	25887.2	26674.8
25°	16482.2	16741.5	16906.0	17285.9	17580.5	18095.4	18536.9	19217.4	19830.3	20698.4	21506.0
27.5°	12600.5	12817.6	12976.1	13300.1	13559.8	13996.6	14375.9	14938.3	15466.3	16217.4	16936.5
30°	9646.8	9839.2	9993.4	10275.6	10516.4	10895.0	11228.5	11700.9	12137.9	12735.6	13307.7
32.5°	7371.7	7537.4	7674.8	7921.8	8140.3	8481.2	8781.7	9195.8	9570.8	10077.7	10548.4
35°	5620.6	5946.8	5923.6	6264.2	6319.0	6563.7	6831.7	7193.7	7525.9	7957.0	8357.5
37.5°	4362.6	4454.2	4552.5	4703.0	4861.3	5083.9	5310.3	5752.7	5914.8	6240.6	6572.2
40°	3518.0	3579.9	3644.8	3746.5	3857.3	4014.1	4179.1	4390.1	4606.3	4870.4	5140.2
42.5°	2974.1	3009.2	3050.5	3110.3	3178.5	3278.0	3388.3	3531.4	3681.8	3867.7	4057.4
45°	2657.2	2640.5	2652.8	2684.9	2726.1	2786.5	2856.1	2944.8	3042.7	3163.1	3291.3
47.5°	2361.8	2368.5	2372.1	2389.6	2411.6	2452.1	2494.4	2554.5	2670.7	2706.0	2776.0
50°	2166.6	2169.9	2168.8	2177.7	2188.8	2215.2	2242.6	2283.3	2324.0	2377.8	2429.2
52.5°	2003.1	2007.6	2007.1	2012.9	2018.9	2035.5	2052.8	2081.6	2108.3	2142.5	2172.1
55°	1874.0	1880.2	1882.7	1887.6	1890.5	1899.2	1906.1	1919.9	1931.2	1950.6	1968.5
57.5°	1774.6	1783.3	1787.2	1788.9	1785.4	1784.9	1782.6	1785.5	1787.8	1798.2	1808.3
60°	1696.5	1703.3	1704.4	1703.3	1696.9	1692.4	1685.0	1682.6	1681.5	1686.5	1692.0
62.5°	1614.6	1617.1	1615.4	1613.4	1606.0	1601.6	1594.0	1591.2	1588.5	1592.1	1595.1
65°	1501.4	1503.5	1501.4	1500.1	1493.5	1490.1	1483.7	1481.4	1477.8	1478.8	1478.1
67.5°	1409.4	1411.6	1409.9	1408.2	1403.6	1401.4	1396.7	1393.7	1389.2	1387.5	1384.5
70°	1317.7	1319.4	1316.8	1315.1	1310.0	1307.9	1303.6	1302.6	1299.1	1298.3	1294.8
72.5°	1212.3	1212.5	1208.8	1207.8	1203.9	1203.8	1201.9	1203.6	1203.5	1205.3	1204.6
75°	1104.5	1103.0	1098.3	1097.5	1094.7	1096.0	1094.1	1096.6	1097.0	1100.9	1101.4
77.5°	996.4	990.8	982.0	977.9	972.1	971.3	968.0	970.3	969.5	974.1	975.9
80°	859.9	853.1	841.9	836.5	829.7	828.6	825.5	828.6	827.1	832.4	836.2
82.5°	686.5	680.6	669.0	664.7	656.8	657.5	654.1	657.5	657.0	665.0	669.6
85°	507.9	503.9	491.9	481.4	469.6	462.7	456.0	454.7	452.8	456.0	458.8
87.5°	293.4	289.6	280.4	274.2	253.5	254.4	246.3	245.9	243.9	242.0	246.3
90°	46.5	51.9	50.5	55.4	54.8	60.4	60.2	65.5	64.5	69.6	69.5
92.5°	30.6	32.3	34.0	35.7	37.5	39.2	41.0	42.7	46.4	49.8	53.9
95°	41.2	43.2	45.2	47.2	49.2	51.2	53.2	55.3	60.8	66.2	71.7
97.5°	57.5	58.6	60.0	61.3	62.6	64.0	65.3	66.7	72.7	78.6	84.5
100°	73.1	74.1	75.2	76.3	77.4	78.4	79.5	80.6	92.2	103.6	115.0
102.5°	113.3	117.8	122.4	126.9	131.6	136.2	140.7	145.3	171.5	197.7	223.8
105°	208.1	220.6	233.2	245.6	258.1	270.5	283.0	295.5	337.5	379.2	421.2
107.5°	378.9	398.5	418.2	438.1	457.8	477.6	497.3	517.0	557.9	598.8	639.7
110°	575.4	594.3	613.0	632.0	650.7	669.6	688.5	707.6	732.2	756.7	781.4



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	716.3	725.4	734.7	744.0	753.2	762.6	771.9	781.3	793.7	806.1	818.7
115°	759.7	760.2	761.0	761.7	762.5	763.3	764.4	765.2	769.5	773.5	777.8
117.5°	724.9	720.0	715.2	710.2	705.5	701.0	696.4	691.9	691.4	691.0	690.9
120°	654.1	647.3	640.9	634.2	628.0	621.7	615.6	609.5	606.7	603.8	601.2
122.5°	568.9	562.3	556.0	549.6	543.4	537.4	531.5	525.5	523.7	522.1	520.4
125°	489.4	484.1	478.8	473.6	468.8	463.9	459.3	454.6	455.1	455.6	456.4
127.5°	426.3	423.1	420.2	417.2	414.7	412.0	409.7	407.1	409.4	411.6	413.9
130°	384.1	382.9	382.1	381.0	380.6	379.9	379.4	378.9	382.5	385.5	389.1
132.5°	361.0	361.1	361.4	361.8	362.5	363.2	364.2	364.9	368.7	372.3	376.1
135°	349.8	350.5	351.7	352.7	354.3	355.5	357.2	358.5	362.3	365.6	369.5
137.5°	347.3	348.3	349.7	350.9	352.7	354.1	356.1	357.7	360.7	363.7	366.7
140°	349.3	350.0	351.4	352.5	353.9	355.2	357.1	358.4	361.1	363.4	365.7
142.5°	352.0	352.6	353.8	354.9	356.3	357.5	359.0	360.2	362.2	363.9	366.3
145°	357.6	358.2	359.2	360.0	361.1	362.2	363.3	364.4	365.8	367.1	368.5
147.5°	360.7	361.2	362.0	362.8	363.7	364.5	365.2	366.0	367.2	368.0	369.2
150°	362.2	362.5	363.0	363.3	364.0	364.7	365.5	366.0	366.9	367.7	368.7
152.5°	360.6	360.8	361.3	361.6	362.2	362.8	363.2	363.9	364.7	365.4	366.3
155°	359.8	360.5	361.1	361.5	362.3	362.6	363.4	363.9	364.7	365.2	366.0
157.5°	361.0	361.3	362.1	362.4	363.1	363.6	364.2	364.7	365.5	365.9	366.5
160°	361.4	362.2	362.8	363.6	364.3	364.9	365.6	366.4	367.1	367.5	368.1
162.5°	364.7	365.4	366.0	366.4	367.1	367.7	368.1	368.8	369.7	370.1	371.1
165°	367.3	367.9	368.8	369.2	370.1	370.8	371.4	372.1	372.6	373.2	373.7
167.5°	371.9	372.3	373.2	373.8	374.5	375.2	375.9	376.5	377.1	377.4	378.0
170°	375.0	375.6	376.1	376.8	377.3	377.8	378.6	379.0	379.7	380.2	380.9
172.5°	380.0	380.5	380.9	381.2	381.6	382.3	382.7	383.0	383.5	384.0	384.4
175°	384.2	384.2	384.3	384.5	384.6	384.6	384.8	385.1	385.2	385.4	385.6
177.5°	386.5	386.6	386.8	386.8	387.0	387.1	387.3	387.4	387.4	387.4	387.4
180°	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7
2.5°	41723.7	41725.5	41691.9	41690.0	41658.4	41654.5	41623.8	41614.4	41589.5	41580.5	41555.1
5°	42989.5	42948.5	42853.8	42798.1	42704.5	42642.5	42541.2	42475.1	42377.3	42303.5	42205.2
7.5°	44269.8	44206.1	44099.8	44013.6	43883.7	43780.0	43628.0	43503.5	43338.9	43196.4	43023.5
10°	44645.3	44635.5	44608.4	44568.9	44508.5	44440.6	44337.1	44229.3	44084.9	43928.3	43736.0
12.5°	43721.4	43821.1	43957.2	44037.9	44135.9	44178.9	44219.1	44209.1	44182.6	44103.3	43992.2
15°	41381.0	41661.4	42032.6	42320.3	42651.3	42891.8	43157.4	43322.9	43488.0	43564.2	43610.9
17.5°	37658.1	38188.9	38854.5	39406.1	40042.5	40553.7	41114.0	41535.9	41969.7	42280.5	42561.5
20°	32876.0	33645.1	34586.4	35418.0	36385.0	37225.4	38146.2	38902.2	39681.8	40291.4	40868.4
22.5°	27688.9	28602.3	29740.4	30794.7	32041.3	33161.6	34425.7	35525.9	36674.6	37634.2	38562.1
25°	22588.4	23590.1	24834.5	26010.8	27422.6	28725.8	30224.9	31596.1	33080.7	34369.7	35643.1
27.5°	17930.9	18914.3	20184.7	21436.9	22929.8	24318.4	25924.6	27435.2	29125.7	30684.7	32279.4
30°	14102.8	14936.8	16076.1	17288.8	18761.2	20174.3	21798.0	23351.7	25110.3	26812.3	28608.6
32.5°	11173.2	11808.7	12704.3	13729.7	15088.3	16433.5	17979.5	19479.3	21211.2	22930.5	24798.7
35°	8873.5	9369.2	10052.1	10852.3	12002.8	13162.4	14529.8	15893.8	17509.5	19141.0	20956.8
37.5°	6997.3	7399.4	7934.2	8535.4	9458.2	10409.8	11531.1	12661.8	14065.7	15512.1	17157.7
40°	5464.1	5789.7	6206.1	6654.4	7351.2	8084.4	8951.6	9828.5	10956.4	12138.4	13500.4
42.5°	4292.4	4532.7	4826.8	5154.4	5804.5	6193.9	6781.8	7416.1	8245.3	9103.3	10127.4
45°	3447.2	3611.1	3815.1	4034.8	4336.6	4666.7	5069.5	5491.8	6279.5	6665.9	7288.6
47.5°	2878.8	2988.8	3118.5	3257.0	3435.0	3627.0	3865.9	4110.1	4425.9	4753.2	5137.0
50°	2496.0	2607.8	2652.3	2724.1	2827.1	2936.7	3071.4	3206.1	3375.5	3547.2	3744.7
52.5°	2211.8	2248.3	2296.7	2342.4	2406.2	2531.0	2571.4	2641.8	2736.8	2829.6	2933.5
55°	1994.8	2018.5	2050.1	2077.6	2116.2	2153.1	2206.3	2253.2	2316.4	2372.5	2441.4
57.5°	1825.9	1841.1	1862.9	1881.0	1906.0	1926.7	1957.9	1983.3	2019.8	2051.5	2093.2
60°	1703.2	1713.3	1728.0	1739.8	1755.6	1766.5	1782.0	1794.0	1813.2	1829.2	1852.5
62.5°	1603.0	1608.1	1617.8	1624.7	1634.8	1640.3	1648.6	1653.8	1664.3	1672.4	1685.4
65°	1482.7	1483.9	1490.3	1493.3	1501.2	1504.2	1510.8	1513.3	1522.1	1527.9	1539.4
67.5°	1384.1	1381.4	1381.5	1379.3	1380.4	1378.1	1378.7	1376.2	1379.8	1381.5	1390.3
70°	1294.2	1290.4	1289.1	1285.0	1283.8	1279.5	1278.3	1274.4	1274.0	1272.7	1275.8
72.5°	1206.5	1205.4	1205.7	1202.9	1202.5	1199.7	1199.7	1198.0	1199.9	1200.8	1204.8
75°	1105.6	1106.0	1108.0	1105.4	1106.2	1103.7	1104.6	1102.3	1103.5	1103.1	1107.1
77.5°	982.9	985.9	991.2	990.1	991.8	989.1	990.3	987.1	988.0	985.9	987.4
80°	845.0	851.0	858.3	858.0	861.0	859.1	861.7	858.7	859.9	856.3	855.3
82.5°	681.1	686.3	693.9	694.2	701.0	702.2	709.7	709.3	714.1	711.0	708.9
85°	465.6	469.1	475.9	479.5	486.5	490.8	497.9	500.8	495.7	505.1	497.6
87.5°	243.1	252.2	247.1	258.9	256.1	268.1	265.5	276.5	274.4	283.8	282.6
90°	76.3	76.8	83.9	84.9	93.5	95.4	100.5	98.1	103.0	100.9	105.7
92.5°	57.3	61.5	65.2	69.0	72.7	76.6	73.0	69.5	66.0	62.7	59.1
95°	77.2	82.7	88.1	93.7	99.1	104.6	98.7	93.0	87.2	81.3	75.3
97.5°	90.4	96.3	102.2	108.1	114.1	119.9	113.0	106.0	99.1	92.3	85.3
100°	126.4	137.9	149.3	160.7	172.2	183.6	170.7	157.7	144.9	131.9	119.0
102.5°	250.1	276.2	302.5	328.7	354.9	381.1	353.7	326.3	298.8	271.4	243.8
105°	463.1	505.1	547.0	588.9	630.7	673.0	628.4	584.0	539.3	495.0	450.3
107.5°	680.7	721.5	762.7	803.5	844.5	885.6	840.5	795.3	750.4	705.2	660.1
110°	806.2	830.8	855.6	880.4	905.1	930.1	897.2	864.4	831.6	798.6	765.8



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	831.2	843.9	856.3	869.1	881.7	894.3	871.0	847.7	824.2	801.0	777.4
115°	782.2	786.4	790.7	795.2	799.4	803.7	788.1	772.5	757.0	741.4	725.5
117.5°	690.5	690.5	690.1	690.3	689.8	689.7	681.1	672.7	664.1	655.5	646.9
120°	598.4	595.6	593.0	590.3	587.4	584.6	581.4	578.2	574.6	571.2	567.7
122.5°	518.7	517.3	515.6	513.9	512.1	510.4	509.4	508.6	507.5	506.5	505.3
125°	457.0	457.5	458.1	458.8	459.2	459.7	459.4	459.3	458.9	458.8	458.4
127.5°	416.0	418.3	420.4	422.5	424.4	426.6	426.8	427.4	427.6	428.0	428.2
130°	392.2	395.8	398.9	401.9	404.8	408.3	408.2	408.6	408.7	408.9	408.9
132.5°	379.8	383.4	386.9	390.7	394.1	397.5	397.5	397.8	397.5	397.9	397.9
135°	372.9	376.4	379.6	383.4	386.4	389.8	389.6	389.6	389.3	389.5	389.3
137.5°	369.4	372.5	375.2	378.0	380.5	383.4	383.1	383.1	382.8	382.9	382.7
140°	368.0	370.4	372.7	375.0	377.2	379.4	379.0	378.7	378.3	378.0	377.5
142.5°	368.0	369.8	371.4	373.5	375.0	376.9	375.9	375.2	374.5	373.8	372.9
145°	369.8	371.2	372.5	373.7	374.6	376.1	374.9	374.1	372.8	372.1	370.9
147.5°	370.0	371.2	371.7	372.8	373.1	374.3	373.1	372.1	371.2	370.0	368.8
150°	369.3	370.3	371.0	371.6	372.3	373.1	371.9	370.7	369.4	368.2	367.1
152.5°	367.0	367.7	368.4	368.9	369.6	370.1	368.8	368.0	366.6	365.3	364.1
155°	366.3	367.1	367.3	368.0	368.1	368.6	367.3	366.6	365.5	364.6	363.3
157.5°	367.0	367.6	368.0	368.3	368.7	369.1	368.3	367.7	366.7	366.2	365.2
160°	368.6	369.0	369.5	369.8	370.3	370.4	369.7	369.5	368.8	368.0	367.1
162.5°	371.4	372.2	372.6	373.1	373.7	374.1	373.3	372.8	371.9	371.2	370.2
165°	374.2	374.6	375.1	375.5	375.7	376.1	375.7	375.3	374.6	374.3	373.7
167.5°	378.4	379.0	379.3	379.7	379.9	380.2	379.6	379.4	378.7	378.3	377.6
170°	381.2	381.6	382.3	382.7	383.0	383.2	383.0	382.7	382.1	381.7	381.1
172.5°	384.9	385.3	385.5	385.9	386.0	386.4	386.0	385.5	385.2	384.6	384.1
175°	385.6	385.7	386.0	386.0	386.0	386.2	385.9	385.4	385.1	384.6	384.3
177.5°	387.4	387.4	387.4	387.3	387.3	387.3	387.0	386.8	386.5	386.2	385.8
180°	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7	41286.7
2.5°	41546.0	41528.0	41516.3	41501.5	41492.4	41481.0	41472.6	41465.3	41459.5	41454.2	41450.2
5°	42130.2	42037.4	41965.3	41887.2	41823.1	41759.1	41709.9	41669.0	41640.9	41619.8	41607.2
7.5°	42874.0	42704.0	42552.9	42393.7	42251.1	42110.8	41989.9	41885.7	41807.5	41756.8	41726.1
10°	43538.2	43310.7	43085.6	42848.7	42624.2	42406.3	42205.2	42028.3	41888.3	41795.2	41741.0
12.5°	43836.0	43642.1	43412.3	43155.1	42879.8	42601.4	42329.9	42085.0	41879.5	41741.7	41662.2
15°	43573.8	43494.2	43338.2	43138.5	42877.3	42589.4	42270.7	41971.1	41695.5	41516.8	41413.2
17.5°	42720.7	42831.8	42819.9	42743.5	42555.7	42313.3	41988.5	41652.0	41307.3	41068.4	40938.0
20°	41281.1	41630.3	41807.5	41898.4	41824.6	41667.5	41373.4	41031.9	40630.1	40318.3	40127.9
22.5°	39258.2	39874.6	40258.8	40540.0	40599.6	40546.0	40286.4	39961.5	39513.6	39138.8	38857.7
25°	36653.9	37557.1	38164.3	38640.2	38825.2	38872.8	38651.9	38328.9	37829.7	37392.9	37006.9
27.5°	33586.4	34760.0	35570.7	36210.3	36499.0	36624.2	36420.9	36091.2	35500.6	34979.3	34475.0
30°	30133.1	31525.5	32501.5	33268.5	33620.4	33785.8	33569.7	33201.9	32514.6	31887.2	31251.9
32.5°	26436.9	27960.6	29024.1	29857.0	30205.7	30361.4	30078.7	29665.6	28871.1	28132.1	27391.2
35°	22567.0	24105.0	25177.5	25988.2	26280.5	26374.2	26012.9	25535.3	24655.1	23844.0	23036.1
37.5°	18618.3	20049.2	21024.0	21751.6	21932.5	21948.7	21513.2	20985.8	20060.6	19260.8	18456.7
40°	14703.8	15910.5	16697.5	17279.9	17342.6	17286.7	16813.2	16282.5	15417.0	14700.4	13994.5
42.5°	11016.5	11927.4	12489.0	12888.0	12864.3	12753.6	12319.6	11863.3	11149.3	10603.5	10048.0
45°	7857.5	8458.1	8786.5	9020.0	8945.0	8839.6	8501.7	8181.9	7696.7	7344.1	6970.8
47.5°	5458.8	6176.0	6051.1	6507.6	6114.3	6374.1	5833.0	5534.8	5277.2	5090.0	4879.0
50°	3908.0	4072.3	4151.7	4205.9	4177.1	4137.2	4040.0	3953.1	3835.5	3749.7	3649.8
52.5°	3018.0	3100.2	3145.2	3177.8	3171.4	3156.9	3114.4	3075.7	3020.6	2984.3	2940.6
55°	2556.4	2557.7	2640.4	2604.9	2657.4	2595.9	2620.0	2552.0	2563.0	2504.5	2465.2
57.5°	2124.3	2158.0	2173.1	2187.7	2183.6	2181.1	2164.7	2156.4	2137.9	2132.2	2119.0
60°	1868.6	1886.2	1889.8	1896.6	1890.9	1888.8	1875.9	1871.4	1858.9	1856.7	1848.0
62.5°	1693.3	1702.3	1702.3	1702.3	1694.9	1687.9	1673.6	1666.2	1655.6	1653.3	1648.3
65°	1546.9	1556.3	1557.8	1559.9	1554.5	1549.0	1536.4	1528.3	1517.4	1513.3	1507.5
67.5°	1396.0	1405.9	1409.2	1414.3	1411.2	1410.1	1401.6	1398.4	1391.2	1389.6	1384.1
70°	1277.4	1281.5	1281.2	1281.0	1274.3	1268.4	1258.4	1253.7	1246.2	1244.7	1239.8
72.5°	1206.8	1209.7	1207.9	1205.3	1196.5	1187.7	1176.0	1167.5	1157.7	1151.6	1144.7
75°	1107.5	1111.3	1108.8	1107.2	1099.4	1093.6	1084.2	1079.5	1072.7	1070.6	1065.9
77.5°	985.6	987.4	983.4	982.9	977.0	973.3	966.3	965.0	960.0	960.2	955.6
80°	849.9	848.7	842.3	841.1	835.2	833.7	828.1	828.4	824.4	826.1	822.9
82.5°	699.3	695.4	687.1	684.6	677.7	677.1	673.4	676.5	674.1	677.7	675.6
85°	501.1	502.2	498.5	498.5	496.5	497.2	496.8	499.1	499.4	502.8	502.7
87.5°	279.4	283.4	282.6	286.3	286.1	290.2	291.7	297.7	298.5	304.1	304.1
90°	103.6	109.1	106.8	112.4	111.6	117.9	118.2	124.5	124.0	129.4	127.7
92.5°	55.6	52.1	48.8	45.2	43.4	41.3	40.2	37.9	36.4	34.4	32.6
95°	69.4	63.5	57.7	51.8	49.7	47.6	45.5	43.6	41.5	39.6	37.5
97.5°	78.3	71.4	64.4	57.5	55.7	54.0	52.0	50.3	48.6	46.9	45.1
100°	106.0	92.9	80.2	67.0	65.5	64.1	62.6	61.1	59.6	58.0	56.5
102.5°	216.5	188.9	161.3	133.8	128.5	123.3	118.1	112.6	107.5	102.2	97.0
105°	405.8	361.1	316.5	271.8	257.6	243.5	229.2	214.9	200.8	186.6	172.3
107.5°	614.8	569.4	524.3	478.9	452.9	426.6	400.4	373.9	347.9	321.4	295.2
110°	732.9	699.9	666.8	633.6	612.8	591.7	570.5	549.4	528.4	507.1	485.9



TEST NUMBER: P1444701
 CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	754.0	730.5	706.9	683.1	673.8	664.2	654.8	645.2	635.6	625.8	616.4
115°	709.7	694.0	678.2	662.1	659.1	655.7	652.6	649.1	645.9	642.4	638.9
117.5°	638.3	629.5	620.8	611.9	612.6	613.4	614.2	614.8	615.2	615.7	616.2
120°	564.2	560.6	557.3	553.6	556.9	559.8	563.1	566.0	569.0	571.7	574.5
122.5°	504.3	503.0	502.1	500.6	504.7	508.5	512.1	515.8	519.4	522.6	525.9
125°	458.3	457.9	457.6	457.0	461.1	464.9	468.7	472.2	476.0	479.2	482.6
127.5°	428.6	428.9	429.4	429.4	432.6	435.1	438.1	440.5	443.3	445.5	447.8
130°	409.1	409.0	409.4	409.3	412.1	414.7	417.5	419.7	422.3	424.2	426.1
132.5°	398.0	397.9	398.0	397.9	400.2	402.1	404.3	405.7	407.6	408.8	410.2
135°	389.4	389.1	389.2	388.8	390.9	392.9	394.8	396.3	398.0	399.1	400.3
137.5°	382.7	382.5	382.3	382.0	384.0	385.8	387.4	388.8	390.2	391.5	392.4
140°	377.4	376.8	376.7	376.1	377.8	379.4	381.0	382.2	383.6	384.4	385.4
142.5°	372.2	371.2	370.9	369.8	371.2	372.3	373.5	374.5	375.5	376.2	376.8
145°	369.9	368.6	367.9	366.7	367.7	368.6	369.6	370.4	371.0	371.3	372.0
147.5°	368.0	366.7	365.5	364.4	365.5	366.0	366.6	367.0	367.8	368.0	368.3
150°	365.8	364.4	363.1	361.7	362.3	362.8	363.1	363.8	364.1	364.3	364.6
152.5°	362.8	361.5	360.2	358.8	359.1	359.4	359.7	359.8	360.1	360.2	360.3
155°	362.3	361.1	359.9	358.5	359.0	359.0	359.1	359.2	359.2	359.2	359.1
157.5°	364.3	363.0	362.4	361.1	361.1	361.1	361.1	360.6	360.6	360.2	359.9
160°	366.5	365.5	364.7	363.9	363.6	363.5	363.4	363.0	362.8	362.3	362.0
162.5°	369.3	368.3	367.2	366.2	366.0	365.9	365.8	365.3	365.2	364.7	364.4
165°	373.0	372.3	371.6	370.6	370.4	370.2	370.0	369.4	369.1	368.5	368.0
167.5°	377.0	376.2	375.4	374.5	374.5	374.4	374.3	373.9	373.7	373.2	373.1
170°	380.6	380.0	379.4	378.7	378.4	378.3	377.9	377.7	377.2	376.9	376.4
172.5°	383.4	382.8	382.1	381.3	381.3	381.1	380.9	380.7	380.2	380.0	379.8
175°	383.6	383.3	382.5	382.1	382.0	381.9	381.7	381.5	381.2	381.1	380.8
177.5°	385.5	385.2	384.6	384.3	384.3	384.3	384.1	383.9	383.9	383.8	383.6
180°	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6	385.6



TEST NUMBER: P1444701
CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	41286.7	41286.7
2.5°	41446.5	41444.4
5°	41600.6	41598.2
7.5°	41717.9	41717.1
10°	41731.6	41738.8
12.5°	41648.4	41654.2
15°	41405.3	41416.6
17.5°	40940.4	40955.2
20°	40139.5	40155.0
22.5°	38842.5	38849.0
25°	36957.0	36930.2
27.5°	34386.4	34340.3
30°	31118.5	31073.9
32.5°	27222.3	27194.5
35°	22836.4	22818.9
37.5°	18219.0	18183.2
40°	13736.3	13631.9
42.5°	9804.7	9621.5
45°	6775.9	6558.8
47.5°	4730.3	4596.1
50°	3585.4	3542.1
52.5°	2921.5	2911.4
55°	2465.1	2460.6
57.5°	2122.0	2120.5
60°	1852.5	1852.1
62.5°	1651.6	1652.4
65°	1510.1	1510.4
67.5°	1385.5	1384.7
70°	1241.5	1240.5
72.5°	1142.4	1140.7
75°	1065.9	1064.8
77.5°	956.9	955.3
80°	825.0	822.9
82.5°	678.6	676.2
85°	506.2	506.3
87.5°	309.7	309.6
90°	132.8	130.3
92.5°	31.3	29.8
95°	35.6	33.5
97.5°	43.4	41.6
100°	55.1	53.6
102.5°	91.8	86.5
105°	158.2	144.0
107.5°	268.9	242.7
110°	464.8	443.7



TEST NUMBER: P1444701
CATALOG NUMBER: EHBR1-54-UNV-TA-L930-UPL24

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	606.6	597.0
115°	635.2	631.7
117.5°	616.5	616.8
120°	576.8	579.5
122.5°	528.8	531.8
125°	485.5	488.5
127.5°	449.7	451.5
130°	427.4	429.2
132.5°	411.0	411.8
135°	400.9	401.6
137.5°	392.9	393.4
140°	385.7	386.2
142.5°	377.1	377.4
145°	372.1	372.3
147.5°	368.0	368.0
150°	364.4	364.3
152.5°	359.9	359.9
155°	358.8	358.6
157.5°	359.3	359.0
160°	361.4	361.0
162.5°	363.7	363.4
165°	367.2	366.6
167.5°	372.4	372.3
170°	376.0	375.7
172.5°	379.4	379.0
175°	380.6	380.4
177.5°	383.6	383.3
180°	385.6	385.6

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: SP1-2506-472-5

Test Date: 08/01/2025

Luminaire Tested: EHBR-60-L930-N

Data in this report applies to families of products including EHBR-60-L930-N

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-472-5
 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-L930-N**
 Description: Elevate Round Highbay at, 60000 lumens, 3000K 90CRI LEDs with N lens

Spectral Parameters

CCT (K): 2996
 CIE u': 0.2519
 CIE v': 0.5169
 Duv: -0.0033
 CIE x: 0.4325
 CIE y: 0.3945
 CIE z: 0.1730
 Peak Wavelength (nm): 630
 Dominant Wavelength (nm): 584
 Purity: 48.21818
 Rf: 91.3
 Rg: 102

CRI (Ra):	94.4		
R1:	96.8	R9:	61.4
R2:	98.1	R10:	94.4
R3:	97.8	R11:	95.7
R4:	95.6	R12:	88.5
R5:	96.9	R13:	97.3
R6:	95.7	R14:	97.8
R7:	90.9	R15:	92.3
R8:	83.0		



Test Conditions

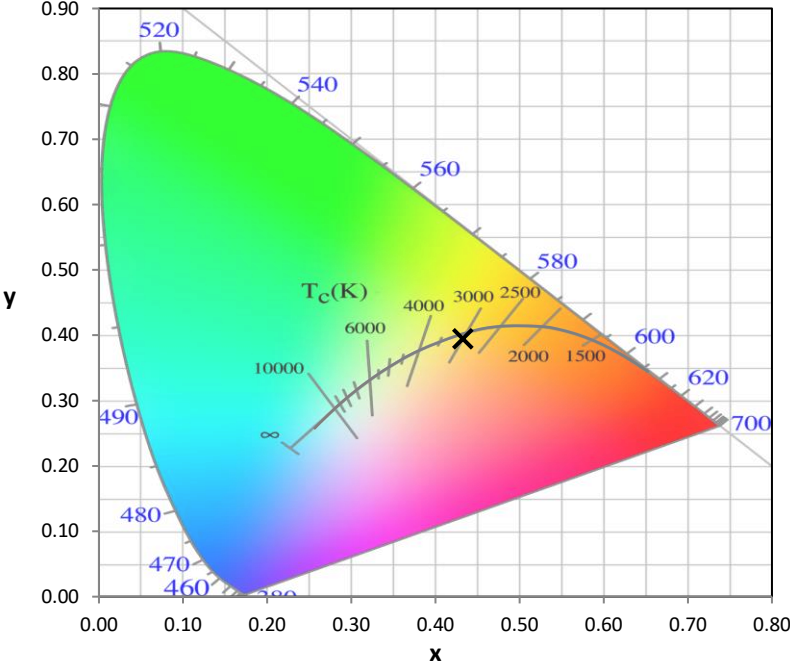
Stabilization Time: 40M
 Operation Time: 1H 40M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2506-472-5

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: SP1-2506-472-5

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 3000K 7-step quadrangle

REPORT NUMBER: SP1-2506-472-5

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	101	NR	620	317	NR	750	7	NR	880	0	NR
365	0	NR	495	121	NR	625	320	NR	755	6	NR	885	0	NR
370	0	NR	500	141	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	158	NR	635	651	NR	765	4	NR	895	0	NR
380	0	NR	510	171	NR	640	207	NR	770	4	NR	900	0	NR
385	0	NR	515	182	NR	645	201	NR	775	3	NR	905	0	NR
390	0	NR	520	189	NR	650	174	NR	780	3	NR	910	0	NR
395	1	NR	525	194	NR	655	146	NR	785	2	NR	915	0	NR
400	1	NR	530	199	NR	660	124	NR	790	2	NR	920	0	NR
405	3	NR	535	205	NR	665	105	NR	795	2	NR	925	0	NR
410	4	NR	540	210	NR	670	96	NR	800	1	NR	930	0	NR
415	7	NR	545	216	NR	675	79	NR	805	1	NR	935	0	NR
420	13	NR	550	222	NR	680	67	NR	810	1	NR	940	0	NR
425	22	NR	555	230	NR	685	58	NR	815	1	NR	945	0	NR
430	37	NR	560	240	NR	690	49	NR	820	1	NR	950	0	NR
435	60	NR	565	248	NR	695	42	NR	825	1	NR	955	0	NR
440	101	NR	570	258	NR	700	36	NR	830	1	NR	960	0	NR
445	172	NR	575	268	NR	705	30	NR	835	1	NR	965	0	NR
450	223	NR	580	278	NR	710	26	NR	840	1	NR	970	0	NR
455	167	NR	585	287	NR	715	22	NR	845	0	NR	975	0	NR
460	126	NR	590	295	NR	720	19	NR	850	0	NR	980	0	NR
465	111	NR	595	298	NR	725	16	NR	855	0	NR	985	0	NR
470	86	NR	600	303	NR	730	14	NR	860	0	NR	990	0	NR
475	74	NR	605	307	NR	735	12	NR	865	0	NR	995	0	NR
480	77	NR	610	341	NR	740	10	NR	870	0	NR	1000	0	NR
485	86	NR	615	368	NR	745	8	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-5

Scotopic Flux vs. Wavelength



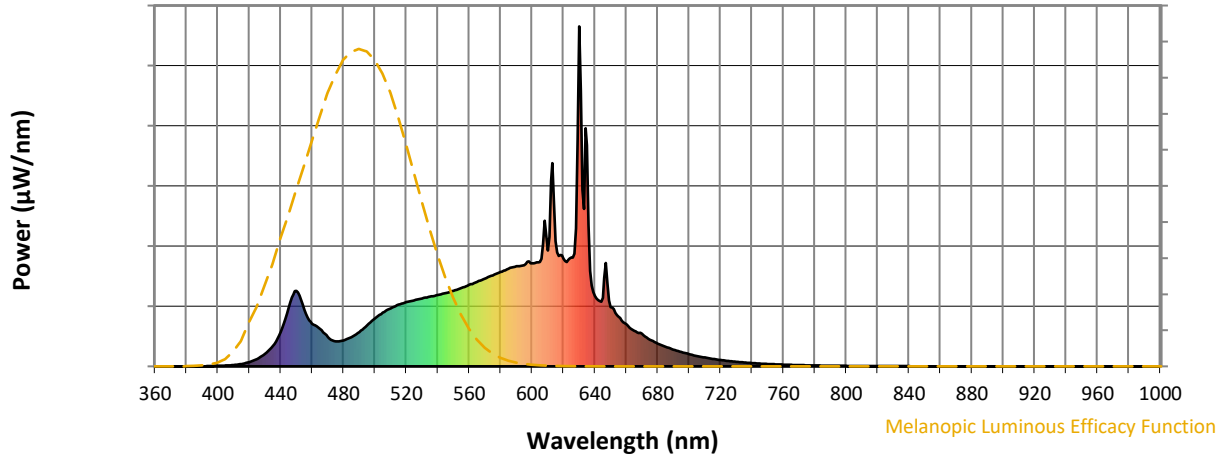
Scotopic Lumens: NR

S/P: 1.44

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	101	NR	620	317	NR	750	7	NR	880	0	NR
365	0	NR	495	121	NR	625	320	NR	755	6	NR	885	0	NR
370	0	NR	500	141	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	158	NR	635	651	NR	765	4	NR	895	0	NR
380	0	NR	510	171	NR	640	207	NR	770	4	NR	900	0	NR
385	0	NR	515	182	NR	645	201	NR	775	3	NR	905	0	NR
390	0	NR	520	189	NR	650	174	NR	780	3	NR	910	0	NR
395	1	NR	525	194	NR	655	146	NR	785	2	NR	915	0	NR
400	1	NR	530	199	NR	660	124	NR	790	2	NR	920	0	NR
405	3	NR	535	205	NR	665	105	NR	795	2	NR	925	0	NR
410	4	NR	540	210	NR	670	96	NR	800	1	NR	930	0	NR
415	7	NR	545	216	NR	675	79	NR	805	1	NR	935	0	NR
420	13	NR	550	222	NR	680	67	NR	810	1	NR	940	0	NR
425	22	NR	555	230	NR	685	58	NR	815	1	NR	945	0	NR
430	37	NR	560	240	NR	690	49	NR	820	1	NR	950	0	NR
435	60	NR	565	248	NR	695	42	NR	825	1	NR	955	0	NR
440	101	NR	570	258	NR	700	36	NR	830	1	NR	960	0	NR
445	172	NR	575	268	NR	705	30	NR	835	1	NR	965	0	NR
450	223	NR	580	278	NR	710	26	NR	840	1	NR	970	0	NR
455	167	NR	585	287	NR	715	22	NR	845	0	NR	975	0	NR
460	126	NR	590	295	NR	720	19	NR	850	0	NR	980	0	NR
465	111	NR	595	298	NR	725	16	NR	855	0	NR	985	0	NR
470	86	NR	600	303	NR	730	14	NR	860	0	NR	990	0	NR
475	74	NR	605	307	NR	735	12	NR	865	0	NR	995	0	NR
480	77	NR	610	341	NR	740	10	NR	870	0	NR	1000	0	NR
485	86	NR	615	368	NR	745	8	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-5

Melanopic Flux vs. Wavelength



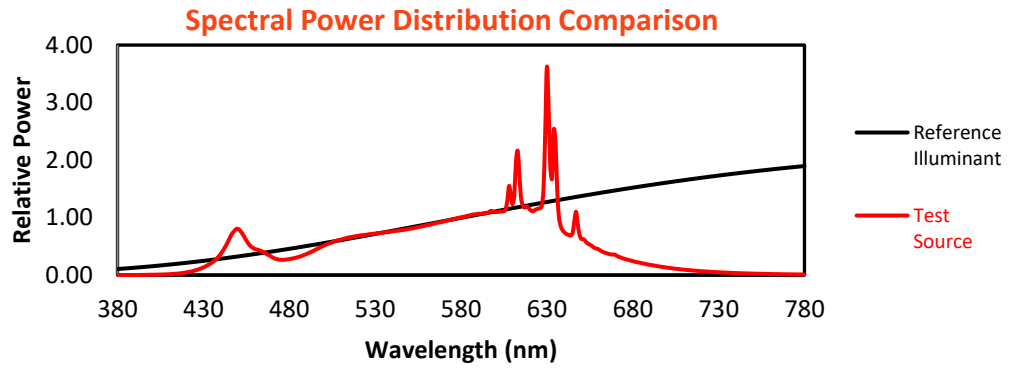
Melanopic Lumens: NR

M/P: 2.85

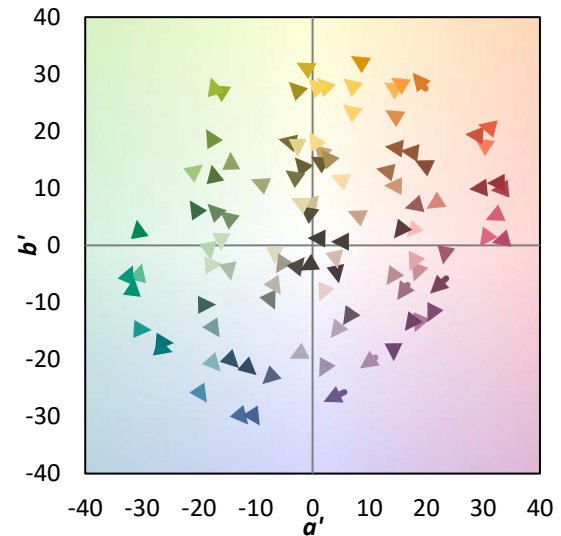
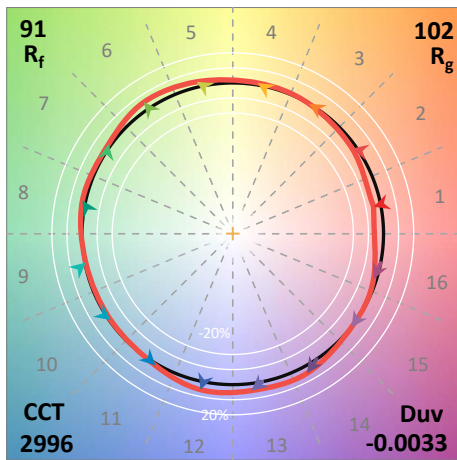
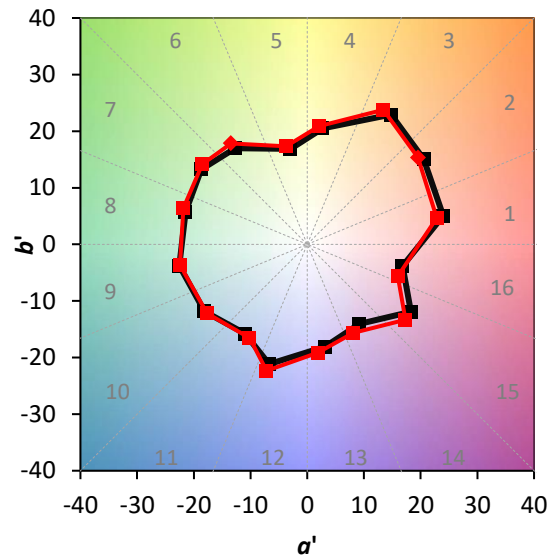
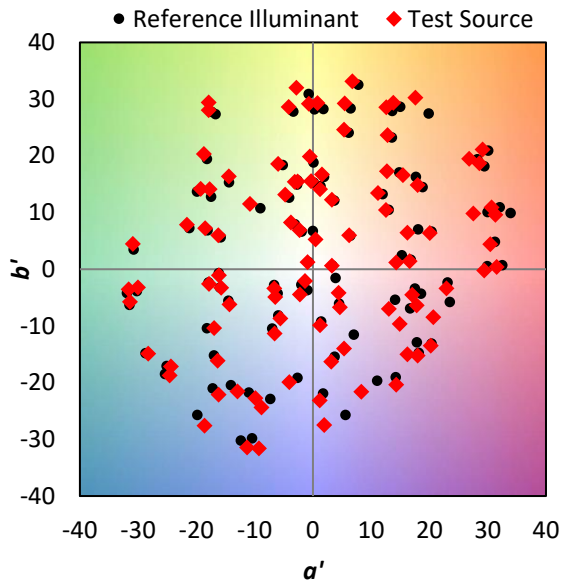
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	101	NR	620	317	NR	750	7	NR	880	0	NR
365	0	NR	495	121	NR	625	320	NR	755	6	NR	885	0	NR
370	0	NR	500	141	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	158	NR	635	651	NR	765	4	NR	895	0	NR
380	0	NR	510	171	NR	640	207	NR	770	4	NR	900	0	NR
385	0	NR	515	182	NR	645	201	NR	775	3	NR	905	0	NR
390	0	NR	520	189	NR	650	174	NR	780	3	NR	910	0	NR
395	1	NR	525	194	NR	655	146	NR	785	2	NR	915	0	NR
400	1	NR	530	199	NR	660	124	NR	790	2	NR	920	0	NR
405	3	NR	535	205	NR	665	105	NR	795	2	NR	925	0	NR
410	4	NR	540	210	NR	670	96	NR	800	1	NR	930	0	NR
415	7	NR	545	216	NR	675	79	NR	805	1	NR	935	0	NR
420	13	NR	550	222	NR	680	67	NR	810	1	NR	940	0	NR
425	22	NR	555	230	NR	685	58	NR	815	1	NR	945	0	NR
430	37	NR	560	240	NR	690	49	NR	820	1	NR	950	0	NR
435	60	NR	565	248	NR	695	42	NR	825	1	NR	955	0	NR
440	101	NR	570	258	NR	700	36	NR	830	1	NR	960	0	NR
445	172	NR	575	268	NR	705	30	NR	835	1	NR	965	0	NR
450	223	NR	580	278	NR	710	26	NR	840	1	NR	970	0	NR
455	167	NR	585	287	NR	715	22	NR	845	0	NR	975	0	NR
460	126	NR	590	295	NR	720	19	NR	850	0	NR	980	0	NR
465	111	NR	595	298	NR	725	16	NR	855	0	NR	985	0	NR
470	86	NR	600	303	NR	730	14	NR	860	0	NR	990	0	NR
475	74	NR	605	307	NR	735	12	NR	865	0	NR	995	0	NR
480	77	NR	610	341	NR	740	10	NR	870	0	NR	1000	0	NR
485	86	NR	615	368	NR	745	8	NR	875	0	NR			

Summary

$R_f = 91.3$
 $R_g = 102$
 $CIE R_a = 94.4$
 $R_9 = 61.4$



Color Vector Graphics

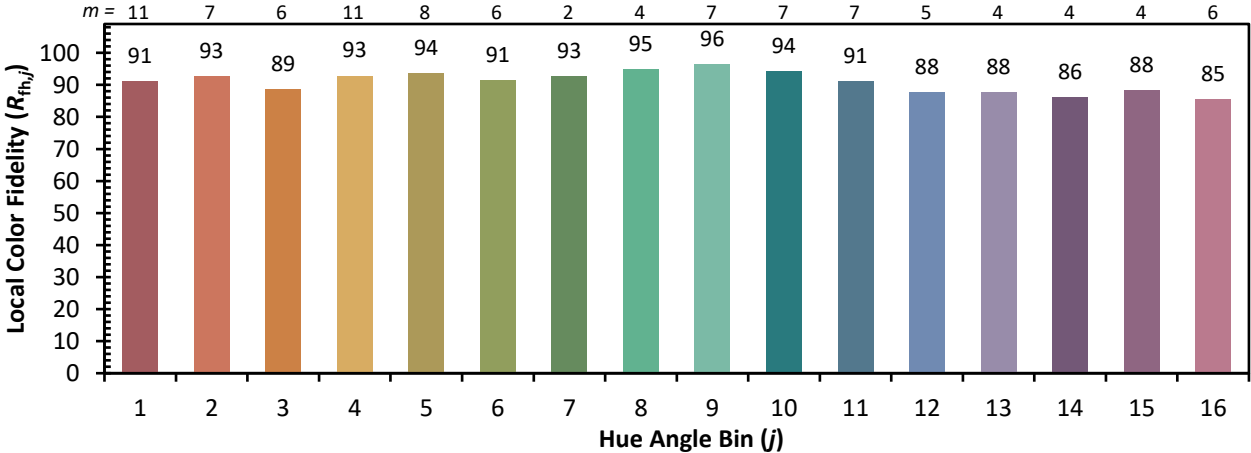


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 91	CES51 = 96	CES76 = 89
CES02 = 63	CES27 = 96	CES52 = 95	CES77 = 85
CES03 = 32	CES28 = 96	CES53 = 93	CES78 = 86
CES04 = 70	CES29 = 90	CES54 = 98	CES79 = 89
CES05 = 51	CES30 = 96	CES55 = 98	CES80 = 91
CES06 = 51	CES31 = 90	CES56 = 95	CES81 = 72
CES07 = 44	CES32 = 84	CES57 = 95	CES82 = 95
CES08 = 42	CES33 = 91	CES58 = 95	CES83 = 93
CES09 = 29	CES34 = 92	CES59 = 99	CES84 = 96
CES10 = 76	CES35 = 96	CES60 = 96	CES85 = 80
CES11 = 59	CES36 = 90	CES61 = 96	CES86 = 77
CES12 = 65	CES37 = 94	CES62 = 95	CES87 = 91
CES13 = 44	CES38 = 99	CES63 = 94	CES88 = 96
CES14 = 74	CES39 = 97	CES64 = 96	CES89 = 82
CES15 = 72	CES40 = 94	CES65 = 92	CES90 = 97
CES16 = 48	CES41 = 94	CES66 = 95	CES91 = 82
CES17 = 50	CES42 = 91	CES67 = 94	CES92 = 78
CES18 = 57	CES43 = 88	CES68 = 93	CES93 = 87
CES19 = 72	CES44 = 99	CES69 = 94	CES94 = 73
CES20 = 67	CES45 = 93	CES70 = 90	CES95 = 85
CES21 = 86	CES46 = 93	CES71 = 90	CES96 = 92
CES22 = 79	CES47 = 86	CES72 = 96	CES97 = 93
CES23 = 92	CES48 = 95	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 91	CES74 = 90	CES99 = 93
CES25 = 72	CES50 = 96	CES75 = 90	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)