

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: P1444485

Luminaire Tested: EHBR1-54-UNV-TA-L830-UPL24

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444485
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-L830-UPL24
Description: Elevate Round Highbay at, 54000 lumens, 3000K 80CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

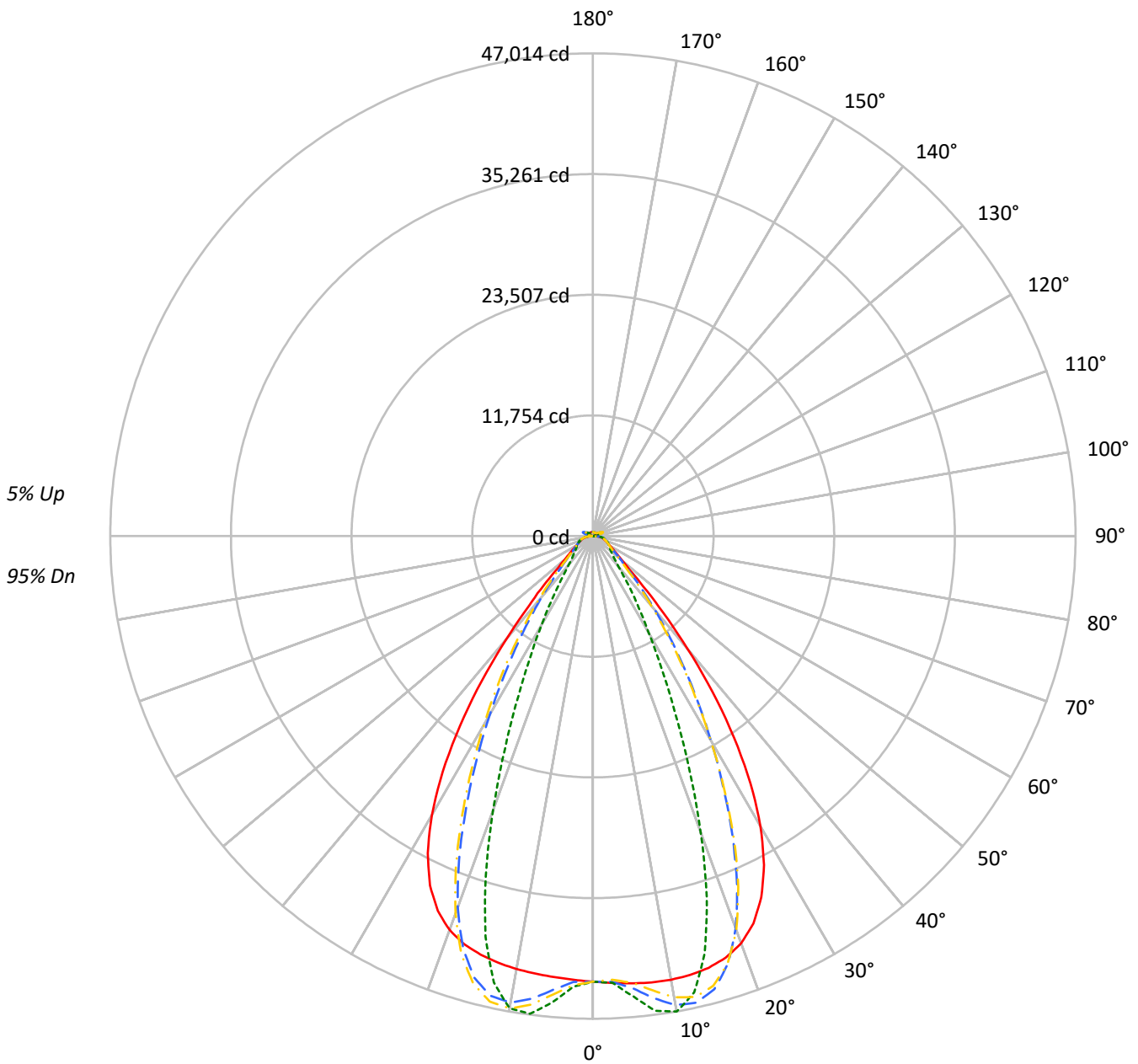
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 52523.2 lumens
Efficiency: N/A
Efficacy: 168.1 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 0.77 / 0.88
Luminous Opening: Vertical Cylinder (Dia: 1.71' x H: 0.1')
CIE Type: Direct

Input Watts (W): 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: P1444485
CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	118	118	118	118	115	115	115	115	108	108	108	103	103	103	97	97	97	97	97	97	95
1	111	107	104	101	108	105	102	99	100	97	95	95	93	92	91	89	88	88	88	88	86
2	104	98	93	89	101	96	91	88	92	88	85	88	85	82	84	82	80	80	80	80	78
3	98	90	84	79	95	88	83	78	85	80	77	82	78	75	79	76	73	73	73	73	71
4	92	83	77	72	90	82	76	71	79	74	70	76	72	68	74	70	67	67	67	67	65
5	87	77	70	65	84	76	69	65	73	68	64	71	66	63	69	65	62	62	62	62	60
6	82	72	65	60	80	70	64	59	68	63	59	66	62	58	65	60	57	57	57	57	55
7	77	67	60	55	75	66	59	55	64	58	54	62	57	54	61	56	53	53	53	53	51
8	73	62	56	51	71	62	55	51	60	54	50	59	54	50	57	53	49	49	49	49	48
9	69	59	52	48	68	58	52	48	57	51	47	55	50	47	54	50	46	46	46	46	45
10	66	55	49	45	64	55	49	44	53	48	44	52	47	44	51	47	43	43	43	43	42

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	203801	203801	203801	203801
5°	204788	210759	201921	213520
10°	206497	221281	201545	219817
15°	207510	200589	201192	192513
20°	205365	149432	198643	138260
25°	194386	94507	187961	85748
30°	169810	56792	163233	51902
35°	130687	35637	123170	31568
40°	82671	22354	75638	21006
45°	42611	17415	41905	17129
50°	24982	15491	24216	15249
55°	19139	14656	18431	14523
60°	16194	14971	15505	14778
65°	15210	15634	14628	15101
70°	14860	16370	14119	15755
75°	15889	17361	15030	16595
80°	16443	19226	14907	17549
85°	15485	18548	12511	15883

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 65209 cd/sqm



TEST NUMBER: P1444485
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4277.0	8.1
10°-20°	12031.5	22.9
20°-30°	13703.0	26.1
30°-40°	9849.1	18.8
40°-50°	4542.4	8.6
50°-60°	2173.7	4.1
60°-70°	1586.0	3.0
70°-80°	1205.0	2.3
80°-90°	552.1	1.1
90°-100°	77.7	0.1
100°-110°	410.1	0.8
110°-120°	756.9	1.4
120°-130°	472.7	0.9
130°-140°	316.4	0.6
140°-150°	244.6	0.5
150°-160°	176.9	0.3
160°-170°	109.9	0.2
170°-180°	38.3	0.1
0°-30°	30011.5	57.1
0°-40°	39860.5	75.9
0°-60°	46576.6	88.7
0°-90°	49919.7	95.0
90°-120°	1244.7	2.4
90°-150°	2278.4	4.3
90°-180°	2603.0	5.0
0°-180°	52523.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	43398	43398	43398	43398	43398	
5°	43725	45000	43113	45590	43725	4178
15°	43534	42083	42209	40388	43534	12266
25°	38819	18873	37536	17124	38819	17597
35°	23986	6541	22606	5794	23986	14721
45°	6894	2818	6780	2771	6894	5864
55°	2586	1981	2491	1963	2586	2387
65°	1588	1632	1527	1576	1588	1586
75°	1119	1223	1059	1169	1119	1164
85°	532	638	430	546	532	500
90°	137	175	34	44	137	86
95°	35	39	35	39	35	33
105°	151	192	104	193	151	199
115°	664	797	696	797	664	614
125°	514	524	579	526	514	467
135°	422	362	453	366	422	329
145°	391	368	414	375	391	247
155°	377	372	399	378	377	175
165°	385	381	398	385	385	109
175°	400	402	406	404	400	38
180°	405	405	405	405	405	



TEST NUMBER: P1444485
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9
2.5°	43563.7	43560.1	43559.6	43556.5	43555.7	43555.7	43554.2	43550.7	43548.4	43543.5	43537.9
5°	43725.4	43723.4	43724.5	43724.9	43721.8	43715.1	43704.5	43691.5	43675.0	43659.6	43645.8
7.5°	43850.3	43853.4	43857.3	43856.4	43847.0	43831.0	43809.3	43797.1	43804.3	43828.0	43882.0
10°	43873.2	43891.8	43899.0	43896.8	43877.9	43864.2	43869.4	43915.4	44007.0	44129.1	44296.0
12.5°	43784.2	43807.1	43806.2	43798.7	43780.4	43799.0	43865.6	44002.5	44198.7	44439.5	44721.9
15°	43534.5	43564.1	43555.7	43545.9	43533.6	43594.9	43727.9	43965.6	44268.7	44608.2	44955.7
17.5°	43049.5	43085.2	43067.9	43056.8	43046.5	43161.3	43389.9	43737.9	44119.5	44503.7	44833.0
20°	42208.4	42232.3	42191.0	42171.5	42188.0	42413.0	42749.5	43194.1	43596.4	43959.6	44184.7
22.5°	40835.6	40865.3	40787.7	40778.7	40874.5	41220.2	41646.1	42143.0	42521.1	42808.9	42895.6
25°	38818.7	38847.9	38755.7	38810.8	38973.9	39444.6	39951.9	40483.5	40806.0	41019.2	40960.4
27.5°	36096.4	36123.1	36035.6	36148.2	36405.9	37024.5	37621.6	38198.1	38485.6	38635.0	38445.7
30°	32662.9	32718.4	32615.0	32772.2	33165.7	33968.8	34652.8	35299.4	35586.0	35699.8	35405.1
32.5°	28585.1	28664.0	28550.0	28783.8	29332.9	30297.7	31074.7	31797.1	32114.1	32244.0	31911.1
35°	23985.7	24099.0	23968.2	24319.1	24996.5	26070.7	26931.1	27737.7	28113.2	28297.1	27961.8
37.5°	19113.0	19220.9	19150.2	19618.3	20362.1	21475.5	22353.9	23224.0	23648.0	23924.1	23659.8
40°	14329.0	14427.8	14481.3	15016.8	15716.3	16765.8	17609.3	18470.3	18944.6	19291.2	19128.2
42.5°	10113.5	10213.0	10395.1	10911.7	11495.1	12363.8	13086.4	13859.4	14312.4	14682.3	14619.3
45°	6894.2	7009.8	7237.9	7660.9	8082.8	8706.0	9236.6	9837.8	10207.9	10546.6	10550.6
47.5°	4831.1	4912.3	5116.1	5405.0	5680.0	6460.2	6492.2	6787.7	7036.5	7289.7	7322.4
50°	3723.2	3772.1	3880.2	4041.2	4197.0	4399.5	4585.0	4799.0	4952.2	5091.0	5124.2
52.5°	3060.2	3091.3	3146.3	3233.5	3323.9	3434.1	3533.3	3650.8	3734.2	3808.5	3824.1
55°	2586.4	2612.2	2694.1	2710.6	2814.1	2833.9	2878.0	2949.6	2998.0	3042.5	3053.7
57.5°	2228.9	2247.5	2265.0	2302.1	2333.9	2380.3	2417.6	2468.9	2499.4	2531.5	2534.4
60°	1946.8	1960.3	1972.7	1998.4	2020.1	2052.3	2078.0	2112.9	2134.8	2158.9	2161.6
62.5°	1736.8	1746.5	1754.7	1771.8	1787.2	1812.0	1832.4	1861.5	1881.9	1900.6	1904.8
65°	1587.6	1594.7	1600.0	1612.9	1626.4	1647.5	1665.9	1689.7	1704.7	1719.0	1722.0
67.5°	1455.5	1462.2	1467.6	1479.3	1488.7	1504.4	1516.9	1534.7	1545.9	1557.4	1557.7
70°	1303.9	1310.2	1314.4	1325.3	1332.8	1346.3	1356.4	1372.5	1384.0	1396.7	1399.9
72.5°	1199.1	1202.7	1208.4	1218.4	1228.8	1243.3	1256.6	1273.4	1287.3	1300.5	1306.1
75°	1119.3	1123.6	1127.3	1135.9	1143.1	1155.3	1165.3	1180.5	1192.8	1206.9	1213.9
77.5°	1004.2	1009.1	1012.3	1020.8	1027.1	1038.8	1046.2	1059.9	1069.9	1082.7	1089.0
80°	865.0	869.6	871.9	879.9	884.9	895.7	903.0	916.1	924.5	937.4	945.0
82.5°	710.8	715.3	716.5	724.1	726.8	735.7	740.9	754.5	764.8	781.5	793.1
85°	532.2	533.8	536.4	534.5	545.3	545.9	558.1	560.3	576.5	580.7	598.9
87.5°	325.4	330.2	332.6	340.0	343.2	350.6	352.9	360.7	365.1	374.1	378.3
90°	136.9	144.3	146.8	155.4	157.6	165.4	167.2	175.8	178.3	187.2	190.7
92.5°	31.3	33.2	34.8	37.2	39.0	41.8	44.0	46.3	48.1	50.9	54.7
95°	35.2	37.4	39.4	41.6	43.7	45.8	47.9	50.0	52.1	54.2	60.2
97.5°	43.7	45.6	47.4	49.3	51.1	52.9	54.7	56.6	58.4	60.1	67.4
100°	56.3	57.9	59.4	61.0	62.5	64.1	65.6	67.2	68.7	70.3	83.8
102.5°	91.0	96.5	101.9	107.4	113.0	118.2	123.9	129.3	134.7	140.2	168.9
105°	151.4	166.1	181.2	196.0	210.9	225.7	240.6	255.3	270.1	284.9	332.0
107.5°	255.2	282.5	310.1	337.7	365.3	392.8	420.4	447.7	475.2	502.5	550.1
110°	466.4	488.2	510.4	532.6	554.6	576.8	598.8	620.7	642.9	664.8	699.4



TEST NUMBER: P1444485
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	627.5	637.3	647.3	657.3	667.2	677.0	686.9	696.7	706.7	716.3	740.9
115°	664.0	667.3	670.9	674.1	677.5	680.7	684.0	687.2	690.5	693.5	710.2
117.5°	648.3	647.5	646.6	646.0	644.8	644.0	643.1	642.0	640.9	639.9	649.1
120°	609.1	605.8	602.6	599.0	595.7	592.0	588.7	585.1	581.4	577.7	581.6
122.5°	559.0	555.0	551.3	547.0	543.0	538.6	534.7	530.0	526.0	521.7	522.6
125°	513.5	509.3	505.6	501.3	496.9	492.5	488.2	483.7	479.3	474.7	475.0
127.5°	474.5	471.6	468.7	465.4	462.2	458.7	455.3	451.8	448.6	444.7	444.5
130°	451.1	448.5	445.7	442.6	439.7	436.3	433.0	429.7	426.6	423.0	422.7
132.5°	432.9	430.9	428.8	426.4	424.0	421.1	418.8	415.7	413.3	410.5	410.2
135°	422.2	420.1	418.3	416.1	413.8	411.1	408.5	405.8	403.3	400.3	400.3
137.5°	413.6	411.9	410.0	407.7	405.6	403.0	400.6	397.9	395.4	392.8	392.5
140°	406.0	404.3	402.5	400.3	398.4	396.1	393.7	391.3	388.7	386.2	386.3
142.5°	396.7	395.1	393.8	391.9	390.2	388.0	385.9	383.6	381.6	379.3	379.6
145°	391.4	390.0	388.9	387.3	385.6	383.6	381.9	379.6	378.0	375.9	376.4
147.5°	386.9	385.7	384.9	383.4	382.2	380.3	378.7	376.8	375.2	373.6	374.1
150°	382.9	382.0	381.1	379.8	378.4	376.8	375.3	373.7	372.2	370.5	371.0
152.5°	378.3	377.2	376.5	375.2	373.9	372.2	371.1	369.4	368.0	366.4	366.8
155°	376.9	375.8	374.8	373.7	372.4	371.0	369.6	368.2	367.0	365.4	365.8
157.5°	377.3	376.2	375.4	374.1	373.4	372.1	371.0	369.7	368.7	367.5	367.6
160°	379.5	378.5	377.6	376.5	375.3	374.1	373.2	372.0	371.1	369.9	369.9
162.5°	382.0	380.9	379.9	378.8	377.9	376.6	375.7	374.7	373.7	372.4	372.7
165°	385.4	384.8	384.0	383.1	382.4	381.5	380.8	379.7	379.0	378.0	378.1
167.5°	391.4	390.3	389.8	388.8	387.9	387.0	386.2	385.2	384.6	383.5	383.6
170°	394.9	394.1	393.6	393.1	392.5	391.8	391.4	390.7	390.0	389.4	389.5
172.5°	398.4	397.7	397.4	397.2	396.5	396.1	395.7	395.2	394.9	394.3	394.6
175°	399.9	399.4	399.3	398.9	398.7	398.3	398.2	397.8	397.8	397.4	397.4
177.5°	402.9	402.8	402.8	402.6	402.6	402.4	402.2	401.9	401.8	401.8	401.9
180°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9
2.5°	43533.6	43528.3	43521.1	43511.9	43504.0	43494.9	43473.1	43466.8	43474.0	43478.8	43488.8
5°	43637.1	43640.1	43641.3	43661.0	43678.1	43720.7	44054.6	44187.3	44289.9	44355.0	44454.0
7.5°	43949.0	44049.3	44148.5	44282.1	44397.2	44552.7	45136.9	45385.5	45562.3	45689.4	45845.7
10°	44477.5	44696.5	44901.9	45142.5	45349.4	45586.2	46130.0	46372.2	46525.2	46636.5	46740.5
12.5°	45009.8	45313.7	45588.2	45856.0	46079.9	46285.2	46476.5	46561.3	46568.5	46572.0	46516.9
15°	45287.1	45577.5	45819.5	45996.5	46128.1	46186.3	45857.1	45684.4	45466.1	45286.3	44990.5
17.5°	45112.1	45286.3	45390.9	45380.5	45326.2	45144.1	44211.5	43698.7	43189.5	42730.6	42128.9
20°	44334.1	44320.8	44229.9	43972.4	43662.2	43179.7	41580.9	40658.5	39766.7	38983.4	38033.2
22.5°	42886.7	42659.0	42341.5	41786.3	41169.5	40326.5	38035.4	36678.6	35437.1	34340.3	33111.7
25°	40789.5	40321.1	39735.5	38854.0	37895.5	36666.1	33842.2	32154.5	30663.9	29371.1	27953.5
27.5°	38105.7	37400.0	36541.7	35321.8	34023.1	32448.1	29317.4	27454.8	25854.7	24468.6	22959.8
30°	34928.2	34010.3	32902.1	31388.0	29821.6	28035.1	24859.9	22973.4	21353.8	19927.8	18417.9
32.5°	31337.3	30262.3	28963.7	27264.2	25570.3	23733.6	20667.0	18841.1	17293.8	15922.0	14555.3
35°	27376.8	26223.9	24850.0	23116.8	21432.9	19647.2	16833.4	15187.0	13820.7	12608.1	11504.6
37.5°	23128.5	21996.5	20690.7	19057.1	17495.7	15877.4	13449.5	12069.9	10923.3	9916.9	9064.8
40°	18711.4	17720.8	16590.9	15178.6	13846.1	12498.4	10505.5	9410.3	8505.4	7737.9	7099.4
42.5°	14348.3	13580.7	12714.2	11598.1	10578.4	9552.3	8018.4	7206.9	6536.7	5984.3	5532.9
45°	10410.2	9896.7	9315.6	8539.7	7834.1	7118.3	6026.6	5456.4	5019.9	4663.7	4362.4
47.5°	7277.3	6979.4	6961.2	6244.2	5726.8	5289.1	4585.8	4225.7	3958.3	3742.3	3551.6
50°	5110.6	4966.5	4787.5	4531.6	4291.4	4044.1	3615.6	3397.8	3241.2	3110.4	2989.8
52.5°	3820.6	3745.7	3650.4	3514.6	3384.5	3245.4	2974.2	2835.6	2786.3	2664.6	2569.0
55°	3051.6	3008.6	2954.5	2874.7	2795.5	2763.9	2531.5	2428.5	2363.3	2315.3	2263.9
57.5°	2534.8	2502.8	2470.7	2416.6	2370.7	2315.3	2191.9	2139.2	2100.4	2072.1	2036.5
60°	2162.1	2143.0	2125.0	2093.3	2068.5	2038.7	1960.3	1930.6	1910.2	1893.2	1870.5
62.5°	1908.4	1898.5	1889.2	1872.3	1859.7	1843.5	1790.0	1775.6	1765.5	1757.0	1743.1
65°	1725.1	1718.1	1713.0	1701.6	1695.3	1685.9	1639.9	1630.2	1624.0	1620.9	1612.9
67.5°	1558.7	1551.3	1547.9	1539.9	1537.3	1531.3	1493.7	1488.4	1486.3	1487.3	1484.4
70°	1403.0	1399.9	1401.5	1400.3	1403.8	1404.9	1382.1	1381.9	1384.4	1389.1	1389.6
72.5°	1309.7	1309.7	1311.5	1312.2	1315.6	1317.3	1298.3	1297.3	1298.5	1302.0	1302.1
75°	1220.9	1222.4	1227.2	1228.8	1232.8	1233.6	1208.5	1205.6	1205.8	1209.2	1208.1
77.5°	1098.0	1103.3	1112.5	1117.3	1125.1	1126.5	1098.4	1095.0	1095.1	1098.5	1095.7
80°	958.6	968.7	983.4	993.5	1005.4	1010.2	981.3	974.4	967.9	967.0	961.2
82.5°	810.4	822.8	840.4	849.5	862.2	865.1	816.7	807.5	802.1	802.6	797.2
85°	618.7	628.1	644.0	649.1	657.0	656.4	601.1	577.4	583.7	573.8	581.6
87.5°	388.1	393.6	403.5	404.8	408.5	407.7	352.1	341.1	338.0	338.1	334.0
90°	200.2	204.4	213.6	214.2	220.5	220.2	175.6	171.0	166.6	168.4	162.3
92.5°	58.9	62.6	66.8	70.5	74.7	78.7	77.5	79.9	76.4	72.1	68.8
95°	66.4	72.6	78.8	85.1	91.2	97.4	103.6	109.8	104.0	98.2	92.4
97.5°	74.7	82.1	89.2	96.6	103.9	111.2	118.5	125.8	119.6	113.1	106.9
100°	97.4	111.1	124.6	138.2	151.7	165.3	178.9	192.6	180.6	168.4	156.4
102.5°	197.7	226.7	255.5	284.4	313.1	342.1	371.3	400.3	372.6	344.9	317.3
105°	378.7	425.5	472.3	518.8	565.7	612.5	659.7	706.7	662.5	618.5	574.4
107.5°	597.4	645.0	692.1	739.5	787.0	834.4	882.6	930.1	887.1	843.8	800.9
110°	734.0	768.4	803.0	837.4	871.9	906.4	942.0	976.5	950.6	924.5	898.6



TEST NUMBER: P1444485
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	765.4	790.1	814.7	839.1	863.5	888.0	914.0	938.9	925.7	912.2	899.1
115°	726.5	743.1	759.4	775.8	792.2	808.3	826.6	843.4	838.7	834.2	829.7
117.5°	657.9	666.9	675.9	684.8	693.5	702.4	713.7	723.0	723.1	723.4	723.8
120°	585.0	588.5	591.9	595.5	598.7	602.1	608.2	612.2	615.2	618.0	621.0
122.5°	523.6	524.7	525.5	526.4	527.3	528.1	532.2	533.8	535.6	537.4	539.3
125°	475.1	475.3	475.4	475.6	475.4	475.6	479.3	480.0	479.6	479.0	478.7
127.5°	443.9	443.5	442.9	442.5	441.6	441.2	444.4	444.7	442.5	440.4	438.1
130°	422.4	422.2	421.6	421.3	421.1	420.8	424.4	425.2	421.9	418.3	415.1
132.5°	409.8	409.7	409.2	409.2	408.9	408.5	412.7	413.6	410.1	406.0	402.4
135°	400.0	400.0	399.8	399.6	399.4	399.6	404.2	405.1	401.8	397.9	394.4
137.5°	392.2	392.1	392.0	392.1	391.9	391.9	397.2	398.3	395.5	392.2	389.4
140°	386.2	386.2	386.3	386.6	386.6	387.0	392.6	394.0	391.8	389.2	386.7
142.5°	379.7	380.3	380.7	381.5	381.9	382.6	389.2	391.0	389.2	387.0	385.3
145°	376.7	377.6	378.1	379.0	379.6	380.7	388.0	390.3	389.1	387.5	386.2
147.5°	374.2	374.9	375.4	376.2	376.9	378.1	385.9	388.3	387.4	386.4	385.4
150°	371.4	372.2	372.7	373.6	374.6	375.6	384.6	387.4	386.7	385.8	384.9
152.5°	367.3	367.8	368.5	369.2	369.9	370.9	381.9	385.0	384.4	383.4	382.8
155°	366.0	366.3	366.6	367.3	367.7	368.7	380.5	383.8	383.3	382.7	382.2
157.5°	367.6	367.7	367.6	367.9	368.2	368.7	381.1	384.8	384.1	383.7	383.2
160°	369.8	369.8	369.7	369.9	369.9	370.2	383.2	386.5	386.1	385.5	385.0
162.5°	372.6	373.2	373.2	373.4	373.6	374.1	387.0	390.9	390.0	389.5	388.8
165°	378.0	377.8	377.8	378.0	377.9	378.1	390.4	393.4	393.1	392.5	392.0
167.5°	383.4	383.7	383.5	383.8	383.8	384.2	395.7	398.7	398.4	397.7	397.4
170°	389.4	389.7	389.6	389.8	390.0	390.4	400.0	402.5	402.2	401.4	401.0
172.5°	394.7	395.1	395.4	395.6	395.9	396.2	404.4	406.7	406.4	405.9	405.3
175°	397.7	397.7	398.1	398.5	398.8	398.9	405.4	407.1	406.9	406.5	406.3
177.5°	402.2	402.3	402.6	402.9	403.2	403.4	407.3	408.3	408.2	408.2	408.0
180°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3



TEST NUMBER: P1444485
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9
2.5°	43491.0	43506.3	43508.5	43526.4	43524.9	43546.2	43542.8	43560.1	43550.0	43564.4	43552.3
5°	44512.5	44605.1	44653.6	44744.0	44772.6	44853.5	44876.3	44950.1	44953.2	45011.8	44998.4
7.5°	45956.6	46093.2	46174.3	46286.1	46342.6	46435.8	46476.8	46545.6	46567.8	46622.5	46626.7
10°	46819.1	46885.4	46931.6	46962.8	46991.3	47004.7	47020.3	47016.1	47020.3	47014.2	47027.6
12.5°	46479.9	46383.0	46319.0	46197.7	46127.5	45993.5	45927.7	45798.9	45752.0	45641.4	45625.5
15°	44761.9	44424.5	44186.1	43839.4	43621.5	43280.4	43080.7	42773.0	42632.4	42387.9	42323.7
17.5°	41630.8	41004.4	40519.7	39897.9	39466.4	38885.3	38519.8	38038.8	37775.3	37387.4	37253.1
20°	37241.0	36314.2	35587.2	34721.0	34101.2	33328.9	32834.4	32210.8	31848.8	31372.3	31179.2
22.5°	32087.3	30933.5	30025.4	29002.1	28254.2	27393.6	26801.2	26126.5	25732.6	25215.0	24985.9
25°	26775.4	25502.9	24493.3	23415.3	22625.1	21762.3	21169.8	20507.0	20099.4	19608.0	19380.3
27.5°	21694.9	20407.0	19431.3	18429.0	17704.1	16925.6	16391.0	15812.3	15450.5	15031.1	14816.9
30°	17211.6	16075.6	15245.3	14413.5	13810.5	13178.3	12734.0	12254.4	11937.0	11577.9	11373.8
32.5°	13559.0	12681.9	12031.8	11371.7	10878.3	10349.9	9966.0	9542.8	9256.4	8935.6	8750.8
35°	10738.5	10057.1	9538.5	8995.2	8571.2	8121.2	7782.9	7417.7	7160.7	6884.5	6724.9
37.5°	8484.5	7942.6	7516.0	7064.7	6716.4	6343.6	6218.0	5798.9	5532.5	5312.2	5159.5
40°	6658.7	6227.8	5874.8	5529.6	5245.6	4962.8	4735.9	4511.9	4340.1	4182.4	4073.4
42.5°	5199.9	4887.7	4629.9	4377.1	4169.9	3963.9	3799.5	3645.2	3529.4	3426.3	3356.0
45°	4133.7	3919.0	3739.8	3561.7	3415.5	3278.0	3167.4	3068.9	2994.2	2932.3	2888.3
47.5°	3395.9	3248.9	3122.5	3002.3	2903.1	2813.0	2738.9	2714.8	2634.4	2580.2	2559.6
50°	2886.1	2797.3	2701.3	2612.7	2546.3	2480.4	2432.4	2385.2	2355.2	2330.3	2322.7
52.5°	2505.5	2437.7	2384.3	2328.1	2284.4	2237.4	2204.3	2172.9	2156.4	2143.3	2141.7
55°	2222.6	2175.1	2139.8	2102.2	2075.9	2048.4	2031.3	2014.7	2007.5	2000.8	2001.3
57.5°	2008.6	1976.8	1953.9	1929.4	1915.3	1902.1	1897.7	1893.6	1895.8	1896.7	1900.5
60°	1852.5	1831.9	1817.5	1803.4	1797.5	1793.3	1796.5	1800.3	1807.8	1813.9	1819.4
62.5°	1733.0	1721.3	1714.2	1706.7	1706.0	1706.3	1712.8	1719.0	1728.5	1735.6	1740.9
65°	1610.0	1603.3	1601.0	1596.2	1598.6	1600.0	1607.8	1612.5	1622.0	1627.7	1634.5
67.5°	1485.6	1484.0	1485.5	1485.5	1489.8	1493.6	1501.0	1506.4	1514.5	1519.6	1525.1
70°	1393.8	1394.5	1397.9	1398.5	1403.2	1405.7	1412.2	1415.6	1423.0	1427.3	1433.9
72.5°	1304.6	1303.1	1303.9	1301.8	1303.4	1302.8	1306.3	1308.1	1314.2	1317.6	1325.6
75°	1209.5	1205.5	1204.5	1200.2	1200.3	1197.3	1198.7	1198.5	1202.5	1204.2	1209.9
77.5°	1094.6	1087.9	1084.7	1077.5	1077.3	1074.6	1077.5	1079.2	1086.3	1089.7	1096.2
80°	957.3	946.7	941.9	933.5	934.9	934.5	941.6	946.8	955.5	957.1	965.5
82.5°	795.6	784.9	779.7	771.6	773.4	773.6	780.1	781.2	788.7	792.0	801.6
85°	569.7	573.8	562.5	563.2	560.8	565.3	569.7	575.1	581.4	591.9	600.0
87.5°	335.5	334.0	338.1	338.5	344.3	347.4	356.7	362.0	372.5	380.7	395.5
90°	162.1	156.2	159.0	156.6	161.8	159.6	164.3	161.3	167.1	167.3	174.9
92.5°	64.3	60.8	56.3	52.7	48.4	45.1	42.7	41.4	39.1	37.8	35.4
95°	86.6	80.8	75.1	69.3	63.6	57.8	55.6	53.6	51.4	49.4	47.2
97.5°	100.7	94.4	88.2	82.0	75.8	69.6	68.2	66.8	65.4	64.0	62.6
100°	144.3	132.4	120.4	108.2	96.3	84.3	83.2	82.1	80.9	79.8	78.7
102.5°	289.8	262.3	234.8	207.3	179.8	152.2	147.4	142.7	137.9	133.1	128.3
105°	530.3	486.2	442.2	398.1	354.3	310.1	297.0	283.7	270.6	257.5	244.5
107.5°	757.7	714.7	671.7	628.9	585.9	543.0	522.1	501.4	480.5	459.8	439.1
110°	872.4	846.4	820.7	794.5	768.9	743.1	723.0	703.3	683.3	663.5	643.7



TEST NUMBER: P1444485
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	885.8	872.7	859.4	846.3	833.4	820.3	810.5	800.8	791.1	781.4	771.4
115°	825.1	820.7	816.2	811.9	807.7	803.2	802.4	801.6	800.6	799.9	799.2
117.5°	724.0	724.3	724.5	724.9	725.4	725.9	730.7	735.4	740.5	745.6	750.9
120°	623.8	626.8	629.7	632.8	635.8	638.9	645.3	651.9	658.5	665.5	672.4
122.5°	540.9	542.7	544.3	546.4	548.2	550.1	556.4	562.9	569.3	576.0	582.8
125°	477.6	477.2	476.5	475.8	475.2	475.0	479.9	484.9	490.3	495.7	501.0
127.5°	435.9	433.4	431.1	428.9	426.5	424.5	427.0	429.9	432.6	435.6	438.6
130°	411.5	408.0	404.3	401.1	397.4	394.1	394.6	395.3	396.0	396.9	397.8
132.5°	398.4	394.5	390.5	386.6	382.6	378.7	377.9	377.1	376.2	375.8	375.4
135°	390.5	387.0	382.9	379.2	375.2	371.7	370.1	368.5	367.1	365.8	364.6
137.5°	386.2	383.1	379.9	376.9	373.6	370.6	368.4	366.8	364.8	363.5	361.9
140°	384.0	381.6	378.7	376.2	373.4	371.0	369.2	367.8	366.1	364.8	363.3
142.5°	383.0	381.1	378.9	376.9	374.8	372.8	371.1	369.7	368.1	366.9	365.4
145°	384.6	383.3	381.7	380.2	378.6	377.2	375.6	374.6	373.3	372.2	371.2
147.5°	384.3	383.1	382.1	381.0	379.7	378.5	377.4	376.8	375.5	374.9	373.9
150°	383.8	382.8	381.7	381.0	379.6	378.8	377.9	377.3	376.4	376.1	375.2
152.5°	381.7	381.0	379.9	379.3	378.1	377.2	376.5	376.0	375.3	374.9	373.9
155°	381.3	380.7	379.9	379.3	378.2	377.8	377.0	376.2	375.5	374.9	374.1
157.5°	382.6	381.9	381.1	380.6	379.6	379.0	378.3	377.7	376.9	376.4	375.6
160°	384.4	383.9	383.1	382.5	381.8	381.1	380.2	379.6	378.6	378.1	377.0
162.5°	388.1	387.2	386.7	385.8	384.9	384.2	383.4	382.8	382.2	381.5	380.7
165°	391.4	390.7	390.0	389.4	388.9	388.3	387.4	386.8	385.8	385.2	384.2
167.5°	396.7	396.2	395.6	395.1	394.4	393.7	393.0	392.3	391.5	390.7	389.7
170°	400.5	399.8	399.2	398.5	397.8	397.1	396.4	395.7	394.8	394.4	393.4
172.5°	404.8	404.6	403.9	403.5	402.7	402.2	401.8	401.2	400.5	399.9	399.4
175°	406.1	406.0	405.8	405.3	405.1	404.8	404.5	404.3	404.0	403.8	403.3
177.5°	408.0	407.8	407.8	407.6	407.4	407.4	407.1	406.9	406.7	406.3	406.3
180°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3



TEST NUMBER: P1444485
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9
2.5°	43564.8	43553.8	43559.0	43538.6	43543.5	43518.8	43516.6	43488.8	43486.1	43459.8	43450.0
5°	45039.9	45015.6	45043.0	45000.3	45008.7	44953.2	44948.5	44876.8	44852.1	44762.3	44723.5
7.5°	46660.9	46651.8	46668.5	46632.8	46631.7	46582.2	46561.7	46497.4	46457.5	46363.2	46303.1
10°	47016.1	47024.5	47010.8	47014.2	46994.9	46989.5	46969.8	46957.2	46924.9	46900.5	46864.5
12.5°	45541.4	45550.2	45494.0	45529.7	45501.5	45567.3	45562.0	45639.5	45651.4	45749.5	45786.7
15°	42133.1	42122.5	42014.6	42082.6	42046.1	42190.5	42222.8	42417.1	42521.1	42770.5	42923.7
17.5°	36984.4	36956.5	36804.5	36887.3	36845.2	37058.2	37129.5	37440.3	37634.2	38036.1	38322.5
20°	30846.8	30793.6	30615.7	30712.6	30669.2	30911.1	31013.0	31388.6	31638.6	32171.0	32549.7
22.5°	24632.9	24548.8	24374.7	24465.2	24424.2	24674.8	24807.4	25184.3	25470.6	26017.1	26459.3
25°	19053.0	18978.1	18809.7	18873.0	18857.7	19069.7	19187.8	19544.2	19825.5	20346.2	20768.1
27.5°	14532.2	14454.2	14302.0	14346.9	14331.5	14512.1	14623.3	14921.1	15163.2	15601.4	15972.0
30°	11122.3	11028.2	10899.2	10923.9	10913.3	11059.7	11163.6	11414.4	11621.8	11992.2	12311.4
32.5°	8525.2	8430.7	8312.1	8323.7	8308.0	8422.9	8508.5	8726.6	8907.4	9222.3	9500.2
35°	6523.0	6633.4	6380.3	6540.7	6373.6	6618.8	6530.6	6666.9	6822.4	7087.8	7319.5
37.5°	5014.6	4937.6	4872.4	4865.5	4865.2	4921.9	4989.0	5120.2	5257.3	5455.0	5659.2
40°	3973.8	3919.8	3877.6	3874.6	3877.6	3918.0	3967.5	4058.3	4158.6	4300.6	4450.7
42.5°	3295.9	3260.0	3234.6	3232.9	3240.9	3269.5	3304.0	3357.8	3423.1	3515.1	3618.0
45°	2852.7	2832.7	2818.6	2817.7	2821.5	2836.4	2856.1	2889.7	2931.1	2988.6	3053.7
47.5°	2541.6	2536.7	2527.9	2528.2	2524.1	2530.3	2532.6	2551.4	2573.4	2616.7	2701.7
50°	2315.1	2315.1	2309.0	2308.7	2302.9	2302.5	2297.7	2305.1	2315.5	2342.2	2369.5
52.5°	2136.1	2135.4	2128.9	2127.5	2121.5	2121.1	2117.0	2119.9	2121.3	2134.8	2151.1
55°	1996.1	1992.0	1983.3	1980.6	1978.1	1981.7	1980.1	1980.2	1978.4	1984.1	1988.9
57.5°	1895.8	1890.4	1882.1	1879.7	1879.0	1883.3	1883.4	1881.9	1874.4	1869.3	1862.0
60°	1816.4	1810.8	1802.0	1799.8	1801.1	1806.8	1806.5	1801.7	1790.4	1780.6	1769.3
62.5°	1738.3	1736.1	1731.6	1730.9	1729.8	1730.8	1726.7	1721.6	1710.5	1700.0	1687.7
65°	1633.6	1634.7	1631.4	1631.8	1627.8	1627.2	1621.1	1616.1	1604.9	1595.3	1582.7
67.5°	1524.9	1525.7	1523.0	1523.0	1520.8	1521.2	1517.5	1512.9	1503.3	1495.6	1485.8
70°	1435.3	1437.6	1436.0	1436.4	1433.9	1432.9	1427.1	1422.6	1412.8	1406.4	1397.5
72.5°	1328.1	1332.8	1332.7	1333.9	1329.9	1328.1	1321.1	1315.5	1306.6	1301.5	1294.4
75°	1212.2	1218.5	1220.3	1223.0	1217.5	1214.6	1207.0	1202.5	1195.3	1192.3	1187.7
77.5°	1099.1	1106.1	1112.7	1118.8	1109.9	1102.0	1092.6	1085.4	1075.1	1071.0	1063.8
80°	972.3	984.5	999.1	1011.4	995.4	979.3	963.8	952.2	938.5	932.9	923.9
82.5°	806.6	819.2	827.5	835.4	824.3	812.6	797.4	787.3	772.5	767.1	756.6
85°	612.8	628.4	633.4	637.5	630.5	624.2	610.1	590.9	581.6	567.0	559.4
87.5°	403.1	412.4	414.1	415.6	411.3	408.2	399.0	390.0	374.1	362.5	348.4
90°	173.5	178.7	174.0	175.4	170.9	172.4	164.2	162.2	150.2	146.3	135.6
92.5°	33.9	31.7	29.9	28.0	30.5	31.8	34.2	35.4	37.7	39.1	41.4
95°	45.1	43.0	40.9	38.8	40.5	42.2	43.8	45.5	47.2	48.9	50.6
97.5°	61.2	59.8	58.4	57.0	58.0	58.9	59.9	60.9	61.9	62.9	64.0
100°	77.6	76.4	75.3	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
102.5°	123.6	118.8	114.0	109.2	112.5	115.7	119.0	122.1	125.4	128.6	132.1
105°	231.4	218.3	205.2	192.1	204.8	217.4	230.1	242.8	255.4	268.4	281.1
107.5°	418.2	397.6	376.9	356.2	379.5	402.5	425.6	448.7	471.7	494.8	518.2
110°	624.0	604.4	584.6	564.9	589.4	613.9	638.4	662.8	687.5	712.0	736.7



TEST NUMBER: P1444485
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	761.8	752.3	742.7	733.2	748.9	764.6	780.5	796.6	812.3	828.2	844.1
115°	798.5	797.9	797.3	796.8	804.3	811.7	819.2	826.7	834.3	841.7	849.6
117.5°	755.9	761.1	766.4	771.8	774.2	776.5	779.2	781.5	784.2	786.7	789.5
120°	679.3	686.0	693.2	700.4	699.3	698.4	697.6	696.6	696.1	695.3	694.9
122.5°	589.7	596.5	603.6	610.6	608.6	606.4	604.6	602.6	601.0	599.2	597.6
125°	506.9	512.5	518.3	524.3	522.1	520.1	518.0	516.4	514.6	512.8	511.5
127.5°	442.0	445.5	448.8	452.4	451.4	450.5	449.9	449.2	448.6	448.3	448.1
130°	398.9	400.3	401.9	403.3	403.6	403.9	404.7	405.2	406.2	406.9	408.2
132.5°	375.5	375.2	375.5	375.6	376.7	377.9	379.5	380.9	382.8	384.4	386.9
135°	363.7	363.0	362.3	361.9	363.6	365.1	367.1	369.2	371.6	374.1	376.7
137.5°	360.8	359.6	358.9	357.8	359.5	361.2	363.2	365.2	367.5	370.0	372.8
140°	362.3	361.2	360.6	359.7	361.4	362.9	364.9	366.9	369.3	371.8	374.4
142.5°	364.6	363.3	362.7	362.0	363.3	364.8	366.8	368.6	370.7	372.8	375.2
145°	370.3	369.3	368.9	368.2	369.2	370.3	371.6	373.0	374.6	376.1	378.1
147.5°	373.3	372.6	372.3	371.8	372.6	373.4	374.3	375.2	376.7	377.8	379.3
150°	375.2	374.4	374.1	373.8	374.3	374.7	375.4	375.8	376.7	377.4	378.6
152.5°	373.8	373.1	373.2	372.8	373.0	373.4	373.9	374.4	375.1	375.6	376.7
155°	373.7	373.3	372.8	372.3	372.2	372.2	372.5	372.5	372.9	373.1	373.5
157.5°	375.2	374.7	374.3	373.7	373.6	373.2	373.2	373.0	373.2	372.7	372.9
160°	376.7	375.6	375.1	374.4	374.3	373.9	374.1	373.7	373.8	373.8	373.9
162.5°	380.2	379.6	379.1	378.4	378.1	377.5	377.1	376.6	376.2	375.9	375.7
165°	383.4	382.7	382.0	381.1	380.9	380.6	380.2	379.9	379.7	379.4	379.4
167.5°	389.3	388.3	387.7	386.9	386.5	385.6	385.4	384.7	384.3	383.8	383.7
170°	393.0	392.2	391.8	391.2	390.8	390.3	390.1	389.7	389.5	389.4	389.4
172.5°	399.0	398.3	397.9	397.4	397.1	396.8	396.6	396.4	396.1	396.1	395.9
175°	403.2	402.9	402.7	402.4	402.1	401.9	401.7	401.5	401.4	401.1	401.0
177.5°	405.7	405.5	405.3	405.2	405.0	405.0	405.0	405.0	405.0	404.8	404.8
180°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3



TEST NUMBER: P1444485
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9
2.5°	43421.9	43410.5	43380.4	43365.6	43337.8	43323.7	43302.1	43288.0	43270.5	43257.5	43250.8
5°	44624.9	44569.5	44458.2	44389.6	44269.5	44190.4	44071.0	43983.5	43860.3	43769.4	43653.0
7.5°	46190.2	46105.0	45962.4	45854.3	45686.3	45557.8	45369.1	45218.2	45009.8	44836.8	44623.8
10°	46827.5	46777.7	46713.8	46644.3	46551.2	46459.7	46330.9	46199.7	46024.7	45850.7	45623.2
12.5°	45885.6	45932.4	46024.7	46067.8	46138.4	46162.4	46194.7	46179.6	46151.0	46079.9	45976.8
15°	43218.1	43413.5	43722.3	43935.9	44235.2	44445.4	44723.5	44902.5	45108.7	45231.9	45349.0
17.5°	38830.1	39208.1	39753.0	40187.7	40771.4	41245.9	41827.3	42284.1	42811.5	43216.2	43646.9
20°	33209.8	33739.1	34491.3	35130.2	35975.9	36693.0	37611.8	38381.4	39279.2	40027.5	40835.3
22.5°	27160.8	27783.4	28645.4	29415.9	30425.8	31327.9	32479.0	33496.5	34710.2	35797.5	37000.3
25°	21454.3	22064.6	22942.5	23740.4	24830.7	25824.3	27081.8	28249.3	29657.7	30971.1	32479.0
27.5°	16560.6	17102.7	17874.6	18592.7	19591.2	20566.7	21842.9	23087.8	24590.7	26002.2	27627.1
30°	12789.5	13229.2	13847.6	14425.4	15227.0	16024.7	17161.5	18312.8	19808.3	21271.0	22936.9
32.5°	9911.5	10286.4	10802.7	11271.7	11889.3	12490.8	13328.0	14248.0	15559.8	16960.8	18571.7
35°	7672.6	7993.3	8432.7	8836.7	9344.7	9822.2	10446.9	11103.6	12104.6	13283.1	14724.7
37.5°	6117.0	6247.8	6561.4	6892.4	7314.3	7706.7	8195.4	8680.9	9397.1	10326.9	11504.6
40°	4651.9	4859.6	5114.8	5375.5	5694.9	6009.7	6545.8	6803.9	7275.5	7943.0	8857.1
42.5°	3753.5	3899.5	4079.2	4260.4	4483.0	4702.3	4973.5	5249.6	5602.2	6054.2	6704.4
45°	3141.0	3236.2	3352.0	3472.8	3619.0	3768.6	3950.2	4139.8	4378.6	4656.6	5051.4
47.5°	2731.8	2784.5	2860.1	2942.5	3042.7	3146.3	3264.3	3385.2	3533.6	3698.5	3923.3
50°	2412.4	2456.3	2515.1	2570.1	2639.4	2745.5	2792.3	2859.0	2948.3	3045.3	3171.0
52.5°	2181.3	2210.5	2247.4	2279.1	2322.9	2362.6	2414.6	2460.6	2522.5	2580.6	2661.8
55°	2001.3	2012.0	2032.8	2053.3	2083.5	2110.7	2146.4	2176.4	2215.9	2250.7	2301.9
57.5°	1862.4	1863.3	1872.9	1883.5	1903.0	1920.1	1944.7	1964.5	1991.8	2014.0	2044.7
60°	1762.4	1757.2	1759.0	1762.8	1773.8	1784.8	1800.5	1813.5	1830.6	1843.2	1860.4
62.5°	1679.3	1670.9	1669.0	1668.1	1673.5	1677.6	1686.1	1692.4	1702.2	1707.6	1716.8
65°	1574.3	1564.5	1560.7	1556.1	1557.7	1556.4	1559.6	1559.8	1564.8	1565.9	1571.2
67.5°	1479.1	1470.8	1465.9	1459.8	1457.1	1452.6	1450.8	1446.6	1445.9	1442.4	1441.6
70°	1392.2	1384.2	1380.0	1374.3	1371.4	1365.6	1362.2	1355.0	1350.9	1344.3	1340.6
72.5°	1291.7	1287.2	1285.9	1282.1	1281.0	1277.9	1276.5	1271.4	1268.5	1262.9	1259.7
75°	1186.6	1183.0	1182.6	1178.8	1178.5	1174.6	1173.6	1168.4	1165.5	1159.9	1157.6
77.5°	1061.6	1056.0	1054.5	1050.0	1051.1	1049.1	1050.8	1046.8	1045.0	1039.4	1037.6
80°	920.6	913.6	910.7	904.7	906.4	903.5	906.4	906.0	908.0	903.5	902.8
82.5°	753.7	746.0	744.5	740.4	743.1	743.4	749.4	746.1	747.4	743.2	745.0
85°	548.4	542.6	534.6	533.5	528.4	533.6	526.7	531.4	523.8	529.1	522.1
87.5°	340.0	328.1	321.9	313.3	310.1	301.9	298.5	292.5	294.3	291.6	293.2
90°	134.0	124.7	123.6	116.6	117.1	111.1	113.3	109.4	112.3	108.3	111.7
92.5°	42.7	44.5	47.8	51.6	54.6	58.0	61.4	65.2	68.2	71.9	74.9
95°	52.3	54.0	58.5	62.9	67.4	71.9	76.6	81.1	85.6	90.1	94.6
97.5°	64.9	65.9	70.4	74.9	79.4	83.9	88.4	93.3	97.8	102.3	106.8
100°	74.2	74.4	87.2	99.9	112.8	125.8	138.5	151.4	164.5	177.2	190.1
102.5°	135.3	138.5	170.9	203.4	235.7	268.0	300.6	333.1	365.4	398.1	430.6
105°	293.8	306.6	355.9	405.5	454.9	504.3	554.0	603.6	653.2	702.7	752.3
107.5°	541.2	564.5	609.2	654.0	698.6	743.5	788.4	833.2	878.0	922.8	968.0
110°	761.3	785.9	815.9	846.0	876.2	906.2	936.3	966.4	996.8	1026.9	1057.4



TEST NUMBER: P1444485
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	859.9	876.0	893.4	911.3	928.8	946.6	964.3	982.1	1000.0	1017.9	1035.8
115°	857.3	865.1	871.9	879.1	886.1	893.2	900.5	907.8	915.3	922.5	929.9
117.5°	792.0	795.1	796.2	797.7	799.0	800.9	802.3	804.2	805.9	807.7	809.2
120°	694.3	693.7	693.0	692.4	691.7	691.2	690.7	690.4	690.1	689.8	689.3
122.5°	595.9	594.6	593.9	593.5	593.0	592.7	592.4	592.4	592.1	592.0	591.7
125°	510.1	508.9	510.4	512.1	513.8	515.7	517.3	519.5	521.4	523.4	525.4
127.5°	447.8	447.9	451.2	454.5	458.0	461.5	465.1	468.7	472.2	476.0	479.4
130°	409.4	410.8	414.8	419.2	423.3	427.7	432.1	436.7	440.8	445.2	449.5
132.5°	388.7	391.4	395.2	399.4	403.5	407.7	412.2	416.4	420.7	425.1	429.1
135°	379.6	382.6	386.3	390.2	394.1	398.2	402.1	406.3	409.9	414.0	417.8
137.5°	375.4	378.4	381.8	385.0	388.2	391.7	395.0	398.4	401.6	404.9	408.1
140°	377.0	380.0	382.0	384.4	386.6	388.8	390.8	393.3	395.3	397.7	399.7
142.5°	377.7	380.5	381.7	383.4	385.0	387.0	388.5	390.2	391.6	393.1	394.5
145°	379.9	382.2	382.7	383.6	384.2	385.1	385.6	386.5	386.9	387.5	388.0
147.5°	380.8	382.4	382.4	383.0	383.3	383.6	384.0	384.3	384.3	384.8	385.0
150°	379.5	380.7	380.5	380.7	380.5	380.6	380.3	380.4	380.1	380.2	380.0
152.5°	377.4	378.3	377.8	377.9	377.4	377.2	376.7	376.7	376.3	376.1	376.0
155°	373.7	374.0	373.7	373.7	373.4	373.3	373.0	373.2	373.1	372.9	373.0
157.5°	372.9	372.9	372.7	372.6	372.2	372.3	372.2	372.2	372.2	372.6	372.7
160°	373.7	373.8	373.6	373.4	373.3	373.1	373.0	373.2	373.3	373.7	373.9
162.5°	375.2	375.1	374.8	374.6	374.5	374.5	374.6	374.9	375.0	375.2	375.6
165°	379.4	379.5	378.9	378.9	378.6	378.5	378.3	378.4	378.6	378.8	379.0
167.5°	383.4	383.3	383.3	383.4	383.4	383.6	383.8	384.4	384.5	385.2	385.4
170°	389.2	389.4	389.1	389.1	389.0	388.9	389.0	389.0	389.2	389.4	389.4
172.5°	395.9	395.9	395.7	395.4	395.1	395.0	394.7	394.7	394.4	394.4	394.1
175°	400.6	400.5	400.3	400.3	400.1	399.8	399.6	399.2	399.0	398.9	398.8
177.5°	404.6	404.2	404.1	404.1	403.9	403.7	403.7	403.5	403.5	403.5	403.3
180°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3



TEST NUMBER: P1444485
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9
2.5°	43242.0	43241.6	43237.4	43239.3	43240.1	43243.2	43246.9	43250.8	43251.5	43254.6	43255.2
5°	43565.7	43458.7	43379.5	43292.5	43227.1	43168.2	43129.0	43097.8	43085.7	43088.8	43096.0
7.5°	44443.2	44222.4	44040.1	43833.0	43660.2	43477.3	43325.7	43181.5	43076.5	42998.2	42954.5
10°	45406.1	45137.2	44879.9	44580.0	44295.7	43992.2	43717.3	43440.5	43209.7	43009.4	42862.1
12.5°	45833.4	45643.4	45420.9	45138.0	44833.7	44483.6	44129.9	43750.8	43398.2	43070.9	42806.9
15°	45381.0	45381.4	45300.3	45164.5	44953.2	44673.3	44336.4	43941.2	43525.3	43100.9	42713.1
17.5°	43944.8	44215.7	44366.5	44461.8	44432.6	44329.5	44115.1	43811.6	43423.8	42971.7	42498.5
20°	41478.3	42117.4	42573.1	42982.9	43212.6	43365.2	43349.9	43226.5	42950.3	42565.9	42073.1
22.5°	38023.2	39096.0	39942.5	40731.8	41285.4	41735.8	41949.9	42040.7	41915.7	41647.9	41185.1
25°	33826.6	35285.3	36530.0	37738.0	38644.2	39423.0	39891.0	40220.7	40246.9	40107.0	39694.2
27.5°	29163.4	30885.2	32460.6	34066.1	35340.4	36460.0	37194.6	37732.2	37903.1	37880.5	37505.6
30°	24506.2	26313.7	28050.3	29922.4	31499.3	32929.6	33900.0	34627.1	34907.3	34961.0	34600.4
32.5°	20108.0	21890.3	23622.1	25579.4	27314.6	28953.9	30100.3	30964.0	31289.8	31366.6	30971.1
35°	16116.3	17760.7	19406.4	21303.3	23028.6	24726.1	25934.1	26838.4	27142.6	27194.0	26736.1
37.5°	12654.7	14055.8	15489.8	17191.8	18776.2	20370.4	21518.2	22368.0	22589.7	22576.0	22057.8
40°	9740.2	10829.4	11981.6	13382.9	14700.1	16047.8	17017.0	17719.5	17836.0	17749.7	17205.3
42.5°	7324.0	8110.8	8946.1	9992.1	10969.4	11978.1	12683.2	13204.8	13221.4	13085.0	12596.3
45°	5456.4	6224.0	6574.3	7206.7	7836.2	8506.9	8937.4	9259.6	9209.7	9089.7	8718.4
47.5°	4159.5	4454.5	4767.4	5159.5	5526.2	6287.3	6230.9	6748.2	6375.6	6629.7	6070.3
50°	3303.1	3468.0	3636.6	3844.6	4036.2	4235.1	4359.5	4452.3	4440.3	4400.4	4293.2
52.5°	2810.1	2861.2	2944.2	3062.5	3169.4	3277.1	3347.8	3405.4	3406.5	3390.4	3336.3
55°	2348.7	2413.3	2473.0	2550.4	2682.2	2702.4	2803.9	2783.3	2791.3	2763.2	2792.0
57.5°	2070.8	2108.4	2142.1	2188.1	2226.2	2270.6	2296.8	2322.0	2319.6	2314.1	2286.5
60°	1873.9	1894.7	1913.3	1940.2	1961.1	1986.2	1998.3	2011.1	2006.9	1997.6	1973.0
62.5°	1722.0	1735.2	1745.7	1763.1	1775.8	1791.5	1797.6	1803.2	1797.6	1788.8	1767.1
65°	1572.4	1580.7	1587.4	1600.5	1609.5	1622.8	1628.2	1633.3	1628.3	1621.4	1604.9
67.5°	1437.3	1438.0	1437.4	1442.7	1445.4	1453.5	1455.9	1459.6	1453.8	1447.9	1433.9
70°	1334.8	1332.7	1330.1	1332.2	1332.7	1336.6	1337.2	1336.6	1329.7	1319.4	1304.1
72.5°	1254.7	1253.6	1251.6	1253.4	1253.4	1257.0	1255.8	1254.1	1245.5	1235.5	1220.4
75°	1151.8	1150.9	1147.1	1147.3	1144.0	1145.1	1141.0	1138.6	1129.1	1120.7	1107.2
77.5°	1031.3	1029.3	1023.7	1021.7	1015.5	1013.0	1005.1	1001.2	991.6	984.9	973.2
80°	896.8	894.7	887.5	883.5	873.9	867.7	856.2	849.5	838.4	831.9	820.6
82.5°	741.3	742.1	734.8	729.9	716.0	705.4	690.0	681.6	669.4	663.0	651.4
85°	527.2	519.7	523.7	523.3	514.7	505.5	493.0	484.1	473.8	467.7	459.5
87.5°	289.2	290.9	288.9	287.1	281.0	276.3	266.5	261.3	253.8	250.1	244.0
90°	102.9	101.4	93.1	91.9	83.6	79.8	70.4	67.7	59.1	57.5	51.6
92.5°	71.1	67.3	63.9	59.8	56.3	52.5	48.7	45.0	41.1	39.4	38.6
95°	89.1	83.8	78.3	72.8	67.3	61.8	56.5	51.1	45.5	44.4	43.3
97.5°	100.5	94.0	87.6	81.2	74.7	68.3	62.0	55.5	49.1	48.3	47.7
100°	175.4	160.6	145.7	130.8	116.0	101.1	86.3	71.4	56.7	55.8	55.0
102.5°	394.4	358.5	322.4	286.4	250.7	214.5	178.5	142.4	106.4	101.2	96.0
105°	697.7	643.1	588.8	534.3	479.8	425.2	370.7	316.0	261.5	244.0	226.5
107.5°	916.8	865.5	814.5	763.2	712.0	660.9	609.6	558.4	506.9	476.2	445.4
110°	1016.7	976.1	935.9	895.2	854.7	814.2	773.5	732.9	692.3	665.8	639.5



TEST NUMBER: P1444485
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	1006.3	976.7	947.4	917.6	888.1	858.3	828.9	799.0	769.3	753.5	737.5
115°	912.4	894.8	877.2	859.6	842.0	824.4	806.7	788.7	770.9	762.7	754.5
117.5°	800.8	792.1	783.5	774.8	765.9	757.0	748.2	739.3	730.4	727.7	725.1
120°	687.5	685.3	682.8	680.6	678.3	676.0	673.6	671.2	668.5	669.4	670.1
122.5°	593.6	595.3	597.2	598.5	600.3	601.7	603.5	604.7	606.2	609.1	611.9
125°	528.9	532.1	535.4	538.6	541.9	545.2	548.5	551.4	554.9	557.4	560.6
127.5°	483.5	487.0	490.8	494.3	498.2	501.7	505.4	508.7	512.4	515.0	518.1
130°	453.1	456.2	459.7	462.8	466.2	469.5	472.8	476.0	479.2	481.7	484.1
132.5°	432.2	435.3	438.5	441.3	444.6	447.4	450.6	453.5	456.8	458.6	460.8
135°	420.5	422.7	425.4	427.6	430.3	432.6	435.1	437.7	440.4	441.9	443.8
137.5°	410.3	412.2	414.5	416.5	418.8	420.8	423.2	425.3	427.9	428.9	430.6
140°	401.8	403.9	406.1	408.1	410.5	412.5	415.1	417.3	420.0	421.1	422.6
142.5°	396.3	397.9	399.7	401.4	403.3	405.0	407.2	409.3	411.5	412.8	414.1
145°	390.0	391.7	393.8	395.5	397.4	399.5	402.0	404.3	406.7	407.7	409.0
147.5°	386.5	388.0	389.8	391.5	393.2	394.8	397.2	399.1	401.4	402.5	403.4
150°	381.8	383.2	384.9	386.5	388.5	390.4	392.6	394.6	397.3	398.4	399.5
152.5°	377.6	379.2	381.0	382.9	384.8	387.0	389.2	391.5	393.8	394.8	396.1
155°	374.8	376.2	378.1	380.0	382.1	383.9	386.1	388.3	390.5	391.7	392.9
157.5°	374.4	375.6	377.5	379.2	381.1	382.8	385.0	386.7	388.8	389.9	390.8
160°	375.4	376.7	378.4	380.0	381.7	383.3	385.2	386.8	388.5	389.6	390.5
162.5°	377.1	378.6	380.2	381.5	383.4	385.0	386.9	388.4	390.1	390.9	391.9
165°	380.2	381.4	382.8	383.9	385.2	386.3	387.8	389.0	390.5	391.2	392.2
167.5°	386.6	387.3	388.2	389.1	390.3	391.3	392.5	393.4	394.5	395.4	396.1
170°	390.3	391.1	391.7	392.8	393.6	394.5	395.4	396.1	397.4	398.0	398.8
172.5°	394.6	394.9	395.8	396.1	396.8	397.2	398.0	398.6	399.1	400.0	400.5
175°	399.2	399.3	399.7	399.8	400.2	400.3	400.9	401.3	401.7	402.1	402.5
177.5°	403.3	403.5	403.6	403.8	404.2	404.4	404.7	404.8	405.1	405.6	406.2
180°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3



TEST NUMBER: P1444485
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9
2.5°	43253.7	43253.3	43251.9	43249.9	43248.0	43249.2	43251.0	43256.0	43264.7	43277.3	43293.7
5°	43102.0	43110.8	43115.8	43116.4	43111.9	43109.2	43113.3	43125.2	43149.2	43189.5	43243.8
7.5°	42942.8	42953.6	42970.4	42982.9	42985.4	42982.3	42982.9	43001.6	43045.8	43124.1	43234.0
10°	42772.7	42740.4	42757.5	42788.7	42813.4	42817.9	42821.0	42843.0	42907.6	43026.0	43202.5
12.5°	42615.8	42513.5	42493.7	42521.8	42559.5	42571.5	42568.2	42577.6	42653.4	42810.0	43055.9
15°	42409.2	42216.7	42151.0	42158.2	42204.6	42221.4	42209.1	42190.5	42264.3	42455.6	42773.9
17.5°	42075.0	41764.6	41643.6	41638.3	41692.7	41707.1	41677.3	41619.4	41692.1	41930.7	42325.9
20°	41566.9	41108.7	40881.0	40844.7	40903.8	40886.6	40826.9	40739.4	40835.0	41125.1	41595.0
22.5°	40653.5	40072.9	39683.9	39558.3	39629.0	39581.9	39494.8	39383.1	39510.0	39839.7	40363.1
25°	39161.0	38490.1	37957.4	37658.6	37714.9	37630.4	37535.7	37400.3	37551.6	37930.1	38506.1
27.5°	36967.1	36192.2	35532.1	35037.4	35055.6	34945.0	34835.8	34660.6	34849.5	35297.4	35947.2
30°	34049.8	33153.2	32349.3	31677.0	31616.8	31509.6	31397.8	31167.8	31404.2	31940.5	32699.8
32.5°	30386.3	29390.7	28461.9	27611.8	27451.5	27346.7	27247.2	26982.5	27292.0	27917.3	28789.7
35°	26101.9	25041.3	24034.4	23063.5	22797.8	22693.1	22606.1	22352.4	22738.8	23419.1	24361.3
37.5°	21399.1	20315.7	19316.0	18320.4	17945.0	17803.0	17739.8	17573.6	18019.3	18692.2	19638.3
40°	16571.3	15564.0	14667.6	13788.3	13360.3	13143.1	13109.9	13079.6	13510.5	14094.4	14953.1
42.5°	12055.0	11242.3	10551.1	9879.0	9491.2	9194.5	9194.3	9284.4	9672.3	10109.6	10771.8
45°	8338.8	7793.4	7353.0	6903.9	7023.9	6432.4	6780.0	6601.5	6793.3	7075.2	7505.8
47.5°	5732.1	5434.4	5192.5	4941.6	4758.7	4584.1	4599.3	4711.9	4892.5	5059.8	5283.9
50°	4177.7	4026.1	3902.9	3772.6	3681.5	3604.5	3609.0	3657.8	3752.6	3840.8	3958.1
52.5°	3273.5	3189.9	3123.0	3051.0	3003.2	2964.9	2966.9	2990.6	3042.0	3092.3	3159.5
55°	2698.2	2688.1	2601.1	2536.4	2511.8	2486.0	2490.7	2500.1	2534.9	2564.4	2608.9
57.5°	2261.0	2222.0	2195.9	2161.8	2146.2	2128.2	2132.2	2135.8	2159.1	2178.9	2210.9
60°	1952.4	1924.7	1906.3	1883.1	1872.8	1861.3	1864.0	1866.0	1881.0	1893.8	1916.9
62.5°	1747.3	1722.6	1706.5	1688.6	1681.4	1673.7	1675.5	1676.1	1685.4	1694.9	1712.3
65°	1590.1	1570.4	1557.1	1541.6	1534.0	1526.0	1526.8	1526.8	1534.7	1541.6	1554.7
67.5°	1423.7	1408.9	1400.3	1388.0	1382.9	1374.7	1374.5	1371.9	1377.1	1379.9	1388.7
70°	1290.2	1275.3	1264.2	1252.5	1246.0	1238.8	1238.9	1239.1	1245.1	1251.3	1262.8
72.5°	1207.7	1193.5	1183.6	1173.3	1167.2	1161.1	1159.9	1159.4	1163.7	1167.0	1174.6
75°	1098.5	1087.1	1081.3	1071.7	1066.8	1059.9	1058.8	1055.6	1057.6	1058.3	1063.9
77.5°	966.0	955.3	950.6	940.7	936.7	928.8	928.2	924.6	926.3	925.1	929.5
80°	814.9	805.2	802.6	794.5	792.6	785.3	784.2	779.9	781.2	777.8	779.4
82.5°	646.4	637.4	635.5	628.1	628.1	621.5	621.1	614.6	614.6	609.0	600.0
85°	455.3	448.8	446.0	439.9	438.1	432.9	430.0	423.8	421.5	417.5	416.3
87.5°	240.3	236.1	232.4	229.5	224.2	214.7	213.9	207.3	207.8	203.2	203.5
90°	50.7	45.3	44.6	39.6	38.6	35.1	34.4	34.2	34.8	34.8	35.7
92.5°	37.3	36.1	34.8	33.5	32.2	31.0	29.7	31.0	32.2	33.5	34.8
95°	42.2	41.0	39.9	38.8	37.7	36.5	35.4	36.5	37.7	38.9	40.0
97.5°	46.9	46.3	45.5	44.9	44.1	43.5	42.7	43.7	44.3	45.1	45.7
100°	54.1	53.3	52.5	51.6	50.8	49.9	49.1	50.2	51.1	51.9	52.7
102.5°	91.0	85.8	80.6	75.4	70.2	65.0	59.8	65.0	70.2	75.5	80.7
105°	208.9	191.5	173.9	156.3	138.7	121.2	103.6	121.4	138.9	156.5	174.2
107.5°	414.5	383.9	352.9	322.1	291.0	260.2	229.3	260.4	291.4	322.3	353.2
110°	612.8	586.2	559.6	533.1	506.4	479.8	453.1	479.9	506.7	533.4	560.1



TEST NUMBER: P1444485
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	721.3	705.2	689.1	673.2	656.8	640.8	624.5	641.1	657.4	674.0	690.1
115°	746.3	737.8	729.5	721.2	712.6	704.2	695.5	704.7	713.4	722.1	730.8
117.5°	722.3	719.8	717.0	714.2	711.2	708.5	705.4	708.9	712.1	715.6	718.5
120°	670.7	671.6	672.3	672.7	673.4	673.9	674.1	674.5	674.5	674.5	674.3
122.5°	614.6	617.3	619.8	622.3	624.9	627.3	629.6	628.0	626.2	624.5	622.3
125°	563.1	566.3	569.0	571.8	574.2	577.0	579.0	577.9	576.0	574.2	572.0
127.5°	520.7	523.4	525.9	528.8	530.9	533.3	535.3	534.3	532.7	531.2	529.2
130°	486.2	488.8	490.8	493.1	494.9	496.6	498.1	497.6	496.6	495.9	494.5
132.5°	462.6	464.8	466.7	468.5	469.9	471.5	472.5	472.6	472.0	471.5	470.5
135°	445.5	447.1	448.5	450.3	451.3	452.5	453.1	453.6	453.5	453.4	452.7
137.5°	431.7	433.2	434.3	435.3	436.1	436.8	437.2	437.9	438.2	438.8	438.6
140°	423.8	425.3	426.4	427.3	428.4	429.2	429.4	430.3	430.6	430.9	430.7
142.5°	415.4	416.7	418.0	419.1	419.8	420.7	421.1	421.8	422.1	422.4	422.3
145°	410.1	411.1	412.2	413.2	413.7	414.3	414.3	415.4	415.8	416.3	416.5
147.5°	404.6	405.7	406.4	407.3	407.8	408.3	408.6	409.3	409.9	410.3	410.7
150°	400.8	402.0	403.0	404.0	404.8	405.5	405.6	406.4	406.7	407.0	407.0
152.5°	397.2	398.1	399.1	399.9	400.7	401.2	401.6	402.2	402.9	403.3	403.4
155°	393.9	395.0	395.9	396.9	397.5	398.4	399.0	399.7	400.2	400.4	400.8
157.5°	391.7	392.9	393.7	394.6	395.3	396.2	396.9	397.7	398.2	398.9	399.1
160°	391.4	392.5	393.1	394.1	394.8	395.7	396.3	397.1	397.7	398.2	398.9
162.5°	392.7	393.7	394.2	395.1	395.9	396.7	397.4	398.2	398.9	399.4	400.0
165°	393.2	394.2	394.9	395.9	396.9	397.7	398.4	399.0	399.4	399.9	400.3
167.5°	397.0	397.9	398.6	399.4	400.1	401.0	401.8	402.3	402.7	403.0	403.3
170°	399.4	400.2	401.0	401.6	402.4	403.2	403.6	403.9	404.4	404.7	405.0
172.5°	401.1	402.0	402.7	403.6	404.2	404.9	405.6	405.9	406.0	406.0	405.9
175°	403.0	403.7	404.2	404.8	405.2	405.8	406.4	406.3	406.5	406.4	406.4
177.5°	406.7	407.5	408.1	408.5	409.1	409.4	410.1	409.6	409.4	409.1	408.7
180°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3



TEST NUMBER: P1444485
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9
2.5°	43316.9	43338.5	43371.7	43401.7	43447.0	43482.7	43536.3	43576.9	43637.4	43676.7	43742.4
5°	43320.7	43405.5	43517.0	43625.6	43756.4	43875.1	44022.6	44148.2	44296.5	44417.4	44569.1
7.5°	43382.0	43545.3	43741.3	43938.7	44161.9	44370.7	44606.0	44818.9	45051.7	45248.7	45463.8
10°	43427.1	43679.2	43967.9	44258.4	44564.1	44848.2	45134.9	45382.8	45614.4	45805.0	45973.4
12.5°	43365.9	43713.1	44083.6	44441.2	44781.2	45075.3	45322.0	45512.6	45644.1	45733.4	45754.3
15°	43157.6	43575.5	43978.2	44334.4	44616.6	44834.2	44946.8	44999.5	44942.9	44849.0	44642.4
17.5°	42768.5	43209.3	43569.3	43850.3	43999.5	44058.5	43965.2	43802.8	43485.7	43133.7	42625.2
20°	42055.2	42465.9	42727.0	42880.3	42840.5	42692.9	42340.7	41912.6	41279.4	40604.5	39713.9
22.5°	40804.1	41163.0	41302.2	41313.6	41070.3	40700.9	40065.7	39331.3	38332.3	37293.8	36016.5
25°	38926.0	39240.4	39262.4	39138.9	38693.6	38095.1	37162.2	36123.3	34765.9	33382.1	31781.6
27.5°	36379.0	36680.5	36606.7	36376.2	35757.9	34957.1	33762.7	32420.7	30747.2	29112.7	27342.3
30°	33177.1	33499.6	33413.0	33117.3	32381.9	31435.4	30030.0	28470.9	26612.8	24867.1	23073.0
32.5°	29345.5	29753.2	29693.4	29412.4	28645.0	27632.1	26107.2	24453.4	22552.5	20832.2	19086.9
35°	24990.4	25485.4	25511.0	25327.3	24614.9	23613.7	22107.9	20507.3	18686.5	17063.3	15451.0
37.5°	20298.2	20872.1	20990.0	20940.4	20350.0	19466.2	18094.2	16658.3	15045.2	13622.7	12243.8
40°	15580.0	16160.9	16362.5	16422.4	15986.6	15302.1	14176.1	13017.1	11702.1	10549.3	9454.5
42.5°	11277.3	11792.3	11987.1	12109.7	11837.7	11381.2	10559.8	9718.2	8754.8	7923.3	7126.2
45°	7832.3	8196.6	8344.8	8468.1	8319.9	8062.4	7543.8	7017.4	6381.4	5838.1	5323.7
47.5°	5476.0	5676.9	5774.7	5834.6	5777.2	5642.8	5360.6	5055.6	4696.7	4379.1	4073.8
50°	4058.9	4165.8	4217.0	4251.6	4209.8	4135.1	3982.3	3816.3	3619.2	3439.3	3263.6
52.5°	3216.6	3277.9	3308.3	3326.9	3302.9	3257.3	3168.3	3069.9	2951.7	2840.6	2782.2
55°	2709.8	2706.6	2776.9	2743.0	2776.9	2701.1	2685.2	2577.0	2478.8	2409.7	2334.8
57.5°	2234.7	2266.6	2280.0	2295.1	2285.4	2271.5	2233.7	2195.0	2143.2	2099.9	2053.7
60°	1934.4	1960.6	1975.4	1990.4	1989.4	1984.2	1962.4	1939.2	1906.9	1881.0	1853.0
62.5°	1727.6	1750.2	1764.9	1779.2	1780.5	1778.3	1761.9	1745.7	1723.7	1707.4	1688.1
65°	1564.8	1580.7	1590.7	1602.1	1601.5	1598.4	1583.4	1570.1	1551.9	1540.7	1526.6
67.5°	1394.5	1406.6	1414.2	1425.0	1427.1	1427.7	1419.6	1413.3	1404.4	1401.2	1396.4
70°	1273.4	1288.0	1300.3	1314.0	1321.4	1325.0	1321.4	1318.2	1313.1	1310.8	1307.1
72.5°	1181.7	1194.0	1203.7	1216.1	1223.0	1228.0	1225.3	1223.5	1219.0	1218.4	1215.8
75°	1067.8	1076.4	1081.8	1091.1	1094.8	1099.5	1097.4	1098.5	1097.1	1100.6	1100.4
77.5°	930.9	937.2	939.8	946.5	947.2	952.8	954.1	960.7	965.4	975.7	981.1
80°	776.8	780.8	780.8	787.8	790.9	800.3	804.8	815.6	820.6	829.7	830.6
82.5°	603.4	598.8	603.4	600.5	609.4	620.0	621.5	630.7	632.7	638.6	634.1
85°	412.5	412.2	408.5	409.2	406.4	407.7	406.2	407.8	406.3	406.4	402.2
87.5°	197.6	199.4	195.1	196.5	192.4	194.3	190.6	193.5	189.1	189.8	183.3
90°	36.0	36.7	37.0	37.8	39.2	41.2	43.6	45.7	48.6	50.8	53.3
92.5°	36.1	37.5	38.8	40.0	41.3	45.1	48.9	52.7	56.6	60.3	64.1
95°	41.1	42.2	43.4	44.9	46.0	51.5	57.0	62.5	68.0	73.4	79.0
97.5°	46.7	47.4	48.1	48.8	49.7	56.2	62.7	69.1	75.6	82.1	88.3
100°	53.8	54.6	55.5	56.5	57.3	72.2	87.1	102.1	117.0	131.7	146.6
102.5°	86.1	91.2	96.5	101.9	107.2	143.3	179.5	215.6	251.5	287.6	323.5
105°	191.7	209.4	227.3	244.9	262.5	317.2	371.9	426.7	481.0	535.6	590.3
107.5°	384.3	415.2	446.3	477.3	508.3	559.8	611.0	662.4	714.0	765.2	816.2
110°	587.2	613.5	640.6	667.4	694.1	734.7	775.6	816.2	857.0	897.6	938.2



TEST NUMBER: P1444485
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	706.6	722.7	739.1	755.1	771.4	801.2	831.3	861.0	891.0	920.5	950.3
115°	739.6	747.9	756.6	765.0	773.7	791.6	809.4	827.4	845.4	863.0	881.0
117.5°	721.6	724.6	727.8	730.4	733.4	742.5	751.6	760.7	769.8	778.9	787.9
120°	674.1	673.7	673.4	672.7	672.4	674.9	677.7	680.2	683.0	685.4	687.7
122.5°	620.4	617.9	615.7	613.3	610.9	609.4	608.2	606.7	605.7	604.1	602.8
125°	569.9	567.4	565.1	562.4	559.9	556.9	554.1	550.9	547.9	544.8	541.7
127.5°	527.6	525.2	523.2	520.7	518.4	514.8	511.5	508.0	504.8	501.0	497.8
130°	493.2	491.4	489.9	487.7	486.1	482.6	479.8	476.6	473.5	470.4	467.3
132.5°	469.7	468.3	467.0	465.3	463.9	460.9	458.4	455.2	452.4	449.5	446.8
135°	452.2	451.3	450.6	449.2	448.1	445.6	443.5	441.1	438.8	436.6	434.4
137.5°	438.6	437.8	437.3	436.7	435.9	433.8	432.0	429.9	428.1	425.9	424.1
140°	430.8	430.2	429.9	429.2	428.5	426.4	424.4	422.3	420.4	418.2	416.4
142.5°	422.1	421.7	421.3	420.7	420.1	418.3	417.0	415.3	413.7	412.1	410.5
145°	416.5	416.2	416.2	415.6	415.6	413.6	412.0	410.0	408.6	406.6	405.0
147.5°	410.8	410.7	410.7	410.6	410.6	409.0	407.7	406.2	404.9	403.3	402.1
150°	407.2	407.1	407.1	406.7	406.6	405.0	404.0	402.4	401.4	399.7	398.6
152.5°	403.5	403.7	403.8	403.8	403.9	402.7	401.4	400.0	398.7	397.2	395.9
155°	401.1	401.3	401.4	401.4	401.4	400.3	399.1	397.9	396.8	395.5	394.4
157.5°	399.5	399.8	400.1	400.3	400.4	399.4	398.5	397.4	396.5	395.3	394.4
160°	399.2	399.7	400.0	400.2	400.5	399.7	399.1	398.0	397.4	396.3	395.3
162.5°	400.4	400.9	401.2	401.4	401.7	400.8	400.3	399.5	398.7	397.4	396.6
165°	400.7	400.8	401.1	401.2	401.3	400.7	400.3	399.8	399.2	398.5	397.9
167.5°	403.6	403.7	404.0	404.1	404.2	403.8	403.9	403.3	402.9	402.5	402.0
170°	405.1	405.4	405.5	405.6	405.7	405.3	405.0	404.7	404.5	403.8	403.3
172.5°	406.1	406.0	406.0	406.1	406.0	405.7	405.5	405.2	405.1	404.8	404.6
175°	406.3	406.2	406.3	406.2	406.0	406.0	405.9	405.9	405.8	405.6	405.5
177.5°	408.6	408.4	407.9	407.7	407.4	407.3	407.3	407.2	407.3	407.2	407.0
180°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3



TEST NUMBER: P1444485
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9
2.5°	43783.1	43512.7	43477.1	43496.0	43541.2	43557.9	43606.7	43620.0	43669.1	43681.2	43728.3
5°	44686.5	44329.2	44347.0	44432.9	44563.0	44640.5	44768.4	44835.3	44957.3	45012.9	45123.2
7.5°	45639.2	45358.5	45446.0	45590.9	45768.8	45892.0	46045.6	46145.7	46278.0	46360.3	46466.2
10°	46106.9	46030.0	46126.4	46240.4	46341.9	46421.3	46486.4	46538.6	46572.7	46604.6	46618.7
12.5°	45750.9	45870.0	45886.4	45875.3	45808.1	45756.7	45641.4	45563.1	45424.0	45339.2	45173.7
15°	44431.5	44693.1	44548.2	44328.8	44007.8	43740.2	43362.2	43080.7	42687.1	42420.2	42025.2
17.5°	42115.7	42446.0	42068.4	41560.8	40915.1	40362.6	39674.7	39128.6	38444.6	37947.1	37308.7
20°	38855.7	39164.4	38490.9	37649.4	36650.4	35809.7	34818.3	34027.4	33106.0	32420.7	31593.7
22.5°	34796.6	35016.5	34067.7	32933.3	31660.6	30610.3	29424.9	28476.7	27425.2	26641.8	25760.0
25°	30306.0	30365.4	29227.3	27920.3	26501.9	25321.5	24056.0	23059.0	21986.7	21192.7	20327.1
27.5°	25773.6	25686.6	24456.5	23070.8	21578.7	20351.8	19117.5	18183.2	17244.1	16528.8	15783.2
30°	21495.7	21284.9	20007.7	18583.4	17135.0	16035.3	15010.7	14260.4	13513.2	12945.9	12347.3
32.5°	17572.7	17275.4	16032.1	14697.7	13477.3	12628.7	11868.9	11301.1	10697.8	10218.5	9716.2
35°	14097.9	13781.2	12679.9	11548.5	10624.8	9999.3	9402.1	8936.3	8424.0	8019.7	7583.5
37.5°	11115.8	10856.3	9933.7	9043.5	8344.8	7860.0	7370.7	6990.0	6566.7	6388.8	5922.7
40°	8581.4	8399.9	7678.6	7022.3	6497.7	6270.0	5773.3	5417.6	5101.3	4840.4	4587.7
42.5°	6693.6	6629.4	5927.4	5415.6	5046.1	4759.2	4482.4	4257.7	4039.0	3859.1	3689.3
45°	4912.1	4861.3	4549.6	4254.2	4002.5	3801.9	3614.9	3460.3	3317.3	3198.8	3091.0
47.5°	3825.1	3808.8	3629.3	3446.2	3287.6	3158.7	3037.3	2934.6	2839.7	2760.6	2734.9
50°	3111.1	3109.0	3003.7	2890.6	2777.6	2703.2	2625.7	2565.1	2504.1	2456.6	2406.5
52.5°	2643.4	2632.0	2560.9	2491.1	2424.0	2375.1	2325.6	2286.8	2246.4	2217.2	2185.9
55°	2275.7	2287.7	2246.6	2204.9	2163.0	2132.5	2097.9	2072.3	2044.6	2026.1	2007.3
57.5°	2020.3	2036.2	2014.7	1991.0	1965.4	1945.5	1921.6	1903.9	1885.3	1873.6	1862.6
60°	1834.5	1851.9	1843.2	1831.3	1815.5	1803.6	1788.4	1778.5	1766.6	1760.1	1753.9
62.5°	1676.9	1698.6	1695.5	1689.9	1679.8	1673.1	1664.8	1660.5	1652.6	1649.7	1646.8
65°	1519.6	1544.1	1543.6	1540.8	1535.2	1533.3	1528.1	1527.1	1523.1	1524.8	1524.4
67.5°	1395.9	1417.1	1421.8	1425.2	1425.0	1426.3	1425.9	1427.9	1427.9	1431.0	1432.9
70°	1306.6	1321.4	1325.0	1328.5	1329.5	1332.4	1332.4	1334.2	1333.7	1336.2	1336.6
72.5°	1216.4	1235.9	1239.5	1242.4	1242.4	1245.1	1243.6	1243.1	1239.3	1238.4	1235.7
75°	1104.2	1129.1	1134.5	1138.1	1138.6	1141.0	1137.6	1135.5	1129.1	1126.5	1122.0
77.5°	986.9	1012.8	1016.6	1017.9	1015.9	1016.3	1009.3	1004.4	996.2	992.8	988.5
80°	834.2	872.4	875.4	873.0	867.1	866.1	859.1	854.7	844.9	841.5	837.8
82.5°	634.8	679.6	685.9	688.6	683.7	684.8	678.3	675.6	666.7	665.1	659.1
85°	400.8	445.5	452.9	451.8	447.0	445.9	441.9	443.3	442.5	444.8	446.2
87.5°	184.2	227.4	237.9	234.5	234.0	231.0	224.1	226.6	230.8	233.5	233.7
90°	55.6	71.0	73.1	72.3	67.3	65.9	61.2	60.4	56.5	55.6	51.8
92.5°	67.9	71.7	75.5	72.1	68.8	65.4	62.0	58.4	55.2	51.6	48.4
95°	84.5	89.5	95.1	90.6	86.0	81.5	77.0	72.4	67.9	63.4	58.9
97.5°	94.8	101.0	107.3	102.8	98.3	93.6	89.1	84.6	80.1	75.5	71.0
100°	161.6	175.8	190.5	177.7	164.9	152.0	139.2	126.3	113.4	100.6	87.7
102.5°	359.6	395.2	431.1	398.6	366.1	333.6	301.2	268.6	236.3	203.7	171.3
105°	644.7	698.7	753.0	703.2	653.6	604.2	554.6	505.0	455.4	405.8	356.4
107.5°	867.6	917.7	968.6	923.7	878.8	834.0	789.0	744.1	699.2	654.3	609.5
110°	978.9	1018.0	1058.3	1027.9	997.7	967.2	937.2	906.7	876.7	846.7	816.5



TEST NUMBER: P1444485
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	979.9	1007.8	1036.9	1018.8	1001.0	983.1	965.3	947.3	929.7	911.8	894.3
115°	898.5	914.0	931.2	923.6	916.4	908.9	901.6	894.4	887.1	879.8	872.9
117.5°	796.8	802.9	811.0	809.0	807.4	805.5	803.8	802.0	800.5	798.8	797.3
120°	690.3	689.7	691.4	691.6	691.9	692.0	692.5	692.8	693.3	693.7	694.3
122.5°	601.2	596.5	594.0	594.1	594.2	594.2	594.4	594.7	594.9	595.2	595.7
125°	538.6	531.9	527.6	525.7	523.8	521.7	519.8	517.7	516.0	514.3	512.6
127.5°	494.2	486.9	482.3	478.8	475.2	471.4	468.0	464.2	460.9	457.1	453.9
130°	464.2	456.9	452.7	448.3	444.2	439.6	435.5	431.1	426.7	422.5	418.1
132.5°	443.9	436.5	432.6	428.5	424.5	420.0	416.2	411.7	407.6	403.1	399.2
135°	431.9	425.0	421.6	417.6	414.1	410.1	406.3	402.2	398.6	394.4	391.0
137.5°	422.0	415.1	412.2	408.8	405.9	402.6	399.7	396.2	393.1	389.5	386.6
140°	414.2	407.0	403.8	401.8	400.1	397.8	395.9	393.7	391.7	389.6	387.4
142.5°	408.9	401.7	398.9	397.4	396.3	394.7	393.7	392.1	390.8	388.8	387.5
145°	403.3	395.5	392.5	391.8	391.6	391.1	390.6	390.0	389.6	388.8	388.4
147.5°	400.5	392.4	389.5	389.5	389.4	389.0	389.1	388.7	388.8	388.5	388.4
150°	396.9	387.8	384.3	384.6	384.6	384.9	385.2	385.2	385.6	385.7	385.9
152.5°	394.4	383.4	379.6	379.7	380.3	380.4	380.8	381.2	381.8	382.2	382.6
155°	392.8	380.9	376.7	376.5	376.6	376.7	376.8	377.1	377.4	377.7	378.1
157.5°	393.0	380.5	376.4	376.0	375.9	375.9	375.8	376.0	376.1	376.3	376.7
160°	394.3	381.7	377.6	377.1	377.1	376.8	376.7	376.7	376.8	376.9	377.3
162.5°	395.5	383.2	379.4	378.8	378.4	378.2	378.2	377.9	378.1	378.0	378.3
165°	397.1	386.2	382.6	382.2	382.2	382.0	381.9	381.9	382.0	382.1	382.4
167.5°	401.3	391.5	388.7	388.3	387.8	387.3	387.3	386.7	386.7	386.3	386.3
170°	402.8	395.1	392.7	392.4	392.6	392.4	392.2	392.2	392.2	392.0	392.2
172.5°	404.1	398.6	396.6	396.8	397.1	397.2	397.4	397.5	397.8	398.1	398.4
175°	405.3	401.9	401.1	401.0	401.1	401.3	401.4	401.6	401.7	401.8	402.2
177.5°	407.1	406.1	405.7	405.7	405.7	405.7	405.7	405.7	405.7	405.9	405.9
180°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3



TEST NUMBER: P1444485
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9
2.5°	43737.1	43788.0	43784.2	43831.9	43829.5	43874.3	43865.3	43904.0	43895.2	43928.4	43908.9
5°	45171.8	45268.8	45300.7	45388.2	45406.4	45484.8	45486.4	45548.6	45541.1	45589.8	45563.9
7.5°	46529.0	46619.4	46662.4	46730.4	46764.4	46820.6	46842.7	46889.0	46900.2	46927.5	46926.7
10°	46643.4	46643.1	46664.4	46654.8	46673.9	46662.9	46686.0	46677.7	46712.0	46703.1	46729.0
12.5°	45102.3	44949.4	44893.6	44756.1	44726.1	44608.2	44616.6	44541.0	44577.5	44531.0	44610.1
15°	41790.1	41435.3	41260.1	40951.6	40854.7	40610.9	40591.2	40429.2	40472.9	40388.2	40512.0
17.5°	36895.7	36337.1	36030.6	35580.0	35401.2	35056.3	34987.2	34778.8	34811.1	34706.1	34855.7
20°	31060.2	30385.1	29998.5	29477.6	29245.2	28834.1	28725.0	28491.8	28521.0	28416.5	28585.7
22.5°	25158.1	24451.6	24015.1	23469.0	23172.2	22785.5	22669.6	22435.3	22448.6	22350.5	22513.2
25°	19734.3	19056.9	18633.2	18137.2	17879.7	17525.2	17403.3	17192.9	17204.8	17123.9	17269.9
27.5°	15265.9	14710.1	14355.5	13939.8	13709.0	13417.6	13298.7	13121.8	13121.3	13061.9	13184.0
30°	11929.5	11465.7	11147.3	10785.3	10568.5	10305.5	10190.6	10032.4	10025.5	9983.3	10080.4
32.5°	9340.5	8928.0	8637.7	8319.0	8124.4	7898.7	7790.0	7662.8	7651.2	7613.1	7692.7
35°	7261.0	6913.6	6664.0	6395.8	6415.5	6082.5	6137.9	5879.3	5809.1	5793.8	5853.0
37.5°	5611.9	5342.9	5140.1	4939.2	4803.1	4662.4	4586.6	4518.6	4510.8	4504.3	4545.8
40°	4392.6	4204.3	4056.8	3919.0	3825.3	3739.4	3692.0	3654.8	3645.9	3640.9	3666.0
42.5°	3555.2	3428.1	3333.0	3248.9	3192.0	3145.4	3119.3	3098.5	3091.6	3091.8	3106.6
45°	3003.7	2926.6	2865.3	2813.0	2776.7	2792.6	2745.7	2770.3	2737.8	2771.4	2749.2
47.5°	2645.2	2579.5	2541.6	2504.6	2482.6	2464.9	2465.5	2465.8	2472.7	2473.8	2481.1
50°	2368.5	2330.5	2304.1	2280.5	2269.1	2259.8	2263.0	2265.4	2272.2	2272.6	2278.0
52.5°	2163.8	2138.8	2122.9	2108.3	2103.1	2097.9	2100.1	2099.1	2102.2	2100.6	2104.9
55°	1997.2	1985.4	1980.4	1975.0	1975.7	1974.3	1975.2	1969.9	1966.7	1962.7	1966.4
57.5°	1860.4	1858.8	1862.2	1864.4	1870.7	1872.9	1874.4	1868.3	1862.5	1857.2	1860.2
60°	1755.0	1757.6	1766.0	1772.7	1781.8	1785.9	1788.6	1785.0	1780.8	1776.5	1779.0
62.5°	1651.1	1655.2	1665.2	1672.7	1683.6	1689.3	1695.5	1695.9	1697.5	1695.9	1697.6
65°	1530.5	1535.5	1544.5	1550.8	1560.9	1565.9	1572.4	1573.5	1577.0	1576.2	1579.3
67.5°	1438.9	1443.4	1451.0	1456.9	1465.9	1471.0	1476.6	1477.0	1478.2	1477.9	1480.8
70°	1341.1	1343.3	1350.1	1355.0	1364.0	1369.4	1375.8	1377.7	1381.7	1382.4	1385.6
72.5°	1236.8	1235.9	1239.9	1242.2	1248.9	1253.1	1261.3	1265.8	1272.5	1274.3	1276.7
75°	1123.3	1122.4	1127.1	1129.1	1134.9	1139.0	1148.2	1154.2	1164.6	1169.0	1167.9
77.5°	991.9	994.1	1003.1	1008.1	1015.9	1021.2	1033.1	1042.6	1061.7	1070.1	1061.6
80°	844.9	847.3	856.6	861.3	871.4	877.9	891.2	902.3	919.5	923.2	918.3
82.5°	664.2	664.9	673.3	676.8	690.0	699.4	716.4	725.2	735.9	734.2	733.0
85°	452.9	459.0	469.5	480.0	496.0	511.4	527.4	540.6	531.2	545.9	529.5
87.5°	242.0	241.4	255.5	253.3	275.9	288.9	302.7	309.3	316.7	315.2	315.4
90°	51.6	48.8	49.5	46.3	48.1	44.6	47.4	44.3	48.0	43.8	50.6
92.5°	44.9	43.3	41.2	39.6	37.6	36.0	33.9	32.1	30.3	28.5	30.3
95°	54.4	52.7	51.1	49.2	47.5	45.8	44.1	42.4	40.7	39.1	41.2
97.5°	66.5	65.5	64.5	63.5	62.6	61.5	60.6	59.6	58.5	57.4	58.8
100°	74.8	74.8	74.8	74.8	74.6	74.6	74.6	74.6	74.6	74.6	75.7
102.5°	138.8	135.5	132.4	128.9	125.7	122.4	119.2	116.0	112.8	109.5	114.3
105°	306.9	294.2	281.5	268.7	255.9	243.3	230.6	217.9	205.2	192.6	205.7
107.5°	564.9	541.8	518.6	495.4	472.2	449.2	426.1	403.0	379.9	356.9	377.6
110°	786.4	761.8	737.1	712.6	688.0	663.3	638.8	614.4	589.8	565.4	585.1



TEST NUMBER: P1444485
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	876.7	860.4	844.5	828.5	812.6	796.9	781.0	765.2	749.5	733.7	743.3
115°	865.6	857.9	850.3	842.6	835.0	827.2	819.6	812.1	804.7	797.2	797.8
117.5°	795.8	792.9	790.3	787.5	784.9	782.2	779.8	777.4	774.8	772.6	767.3
120°	695.0	695.4	695.7	696.4	697.0	697.9	698.4	699.4	700.4	701.4	694.2
122.5°	596.1	597.3	598.8	600.4	602.1	603.9	605.7	607.7	609.9	612.0	604.7
125°	510.7	512.0	513.3	514.8	516.0	518.1	519.8	521.9	523.8	526.1	520.1
127.5°	450.5	450.6	450.4	450.7	450.8	451.6	452.1	453.1	454.0	455.1	451.3
130°	413.9	412.6	411.2	410.2	409.0	408.3	407.7	407.1	406.6	406.5	405.0
132.5°	394.8	392.6	390.3	388.3	386.3	384.7	382.9	381.8	380.6	379.6	379.2
135°	386.8	384.0	381.1	378.4	375.8	373.8	371.5	369.8	367.9	366.4	367.0
137.5°	383.3	380.6	377.7	375.2	372.5	370.5	368.1	366.3	364.7	363.1	363.9
140°	385.4	382.6	379.7	377.2	374.9	372.7	370.6	368.9	366.8	365.7	366.1
142.5°	385.9	383.8	381.1	378.9	376.6	374.7	372.8	371.3	369.3	368.3	369.0
145°	387.6	385.9	384.0	382.2	380.6	379.3	377.5	376.6	375.4	374.8	375.2
147.5°	388.0	386.9	385.2	384.1	382.6	381.6	380.5	379.7	378.9	378.4	378.5
150°	386.0	385.3	384.2	383.5	382.6	382.1	381.3	381.0	380.4	380.1	380.2
152.5°	382.9	382.4	381.5	381.0	380.2	379.8	379.3	379.0	378.6	378.4	378.4
155°	378.4	378.1	377.9	377.7	377.4	377.6	377.3	377.6	377.4	377.6	377.8
157.5°	376.9	377.0	376.9	377.2	377.3	377.5	377.5	378.0	378.1	378.5	378.8
160°	377.7	377.8	377.7	377.9	377.9	378.0	378.1	378.3	378.5	378.7	379.3
162.5°	378.4	378.9	379.1	379.4	379.9	380.2	380.7	381.3	381.7	382.3	382.8
165°	382.6	382.7	382.7	382.7	383.1	383.3	383.4	384.0	384.1	384.7	385.3
167.5°	386.2	386.4	386.5	386.7	387.0	387.4	387.8	388.4	388.9	389.7	390.1
170°	391.9	391.9	391.9	391.9	391.9	392.3	392.4	392.6	392.8	393.2	393.6
172.5°	398.6	398.6	398.2	398.6	398.2	398.6	398.6	398.7	398.7	398.9	399.0
175°	402.1	402.5	402.7	403.0	403.0	403.1	403.3	403.3	403.5	403.8	403.8
177.5°	405.9	406.0	406.0	406.0	406.0	406.2	406.2	406.2	406.2	406.0	406.1
180°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3



TEST NUMBER: P1444485
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9
2.5°	43941.2	43919.2	43941.7	43918.8	43941.7	43914.3	43932.9	43903.3	43910.9	43880.1	43888.0
5°	45602.6	45567.6	45586.2	45540.7	45545.6	45484.8	45483.7	45412.9	45394.2	45313.7	45278.3
7.5°	46946.2	46934.7	46941.2	46911.9	46908.5	46867.0	46847.2	46788.7	46751.9	46677.7	46627.0
10°	46733.5	46767.8	46776.6	46811.6	46818.8	46853.3	46860.5	46895.1	46902.4	46928.0	46928.3
12.5°	44606.5	44722.7	44750.5	44894.2	44954.6	45119.0	45207.2	45388.2	45495.9	45676.5	45787.5
15°	40508.6	40709.8	40790.1	41070.6	41225.8	41553.2	41758.9	42135.0	42400.4	42799.7	43084.6
17.5°	34868.8	35150.0	35276.9	35657.2	35905.5	36388.7	36737.2	37310.5	37749.5	38386.7	38891.7
20°	28614.7	28927.2	29099.4	29533.4	29826.2	30391.0	30825.9	31530.5	32118.1	32925.4	33616.0
22.5°	22564.3	22861.7	23052.9	23494.3	23824.1	24413.1	24899.1	25642.9	26301.2	27211.0	28038.9
25°	17325.1	17597.6	17770.5	18169.8	18479.5	19020.7	19484.9	20200.1	20844.3	21756.8	22605.8
27.5°	13244.9	13473.1	13639.7	13980.2	14253.2	14712.3	15111.0	15702.1	16257.1	17046.7	17802.6
30°	10140.1	10342.4	10504.4	10801.1	11054.2	11452.1	11802.7	12299.3	12758.6	13386.9	13988.2
32.5°	7748.6	7922.9	8067.3	8326.9	8556.6	8914.9	9230.8	9666.0	10060.3	10593.1	11087.8
35°	5908.0	6250.8	6226.5	6584.5	6642.1	6899.3	7181.1	7561.6	7910.8	8363.9	8784.9
37.5°	4585.7	4682.0	4785.3	4943.5	5109.8	5343.8	5581.8	6046.8	6217.3	6559.8	6908.3
40°	3697.8	3762.9	3831.1	3938.1	4054.5	4219.4	4392.8	4614.6	4841.8	5119.5	5403.0
42.5°	3126.2	3163.1	3206.4	3269.4	3341.1	3445.6	3561.6	3712.0	3870.1	4065.5	4264.9
45°	2793.1	2775.6	2788.5	2822.2	2865.5	2929.0	3002.2	3095.4	3198.3	3324.8	3459.6
47.5°	2482.6	2489.6	2493.4	2511.8	2534.9	2577.5	2621.9	2685.2	2807.2	2844.4	2917.9
50°	2277.4	2280.9	2279.7	2289.0	2300.7	2328.5	2357.2	2400.0	2442.8	2499.4	2553.5
52.5°	2105.5	2110.3	2109.7	2115.8	2122.1	2139.6	2157.8	2188.1	2216.1	2252.0	2283.1
55°	1969.8	1976.4	1979.0	1984.1	1987.1	1996.3	2003.5	2018.0	2029.9	2050.4	2069.2
57.5°	1865.4	1874.4	1878.6	1880.3	1876.7	1876.1	1873.8	1876.8	1879.2	1890.2	1900.8
60°	1783.2	1790.4	1791.5	1790.4	1783.7	1778.9	1771.1	1768.7	1767.5	1772.7	1778.5
62.5°	1697.1	1699.8	1698.0	1695.9	1688.1	1683.5	1675.5	1672.6	1669.8	1673.5	1676.6
65°	1578.2	1580.4	1578.2	1576.9	1569.9	1566.3	1559.5	1557.2	1553.3	1554.4	1553.7
67.5°	1481.5	1483.7	1482.0	1480.2	1475.4	1473.1	1468.1	1464.9	1460.2	1458.5	1455.3
70°	1385.1	1386.9	1384.2	1382.4	1377.0	1374.8	1370.2	1369.2	1365.5	1364.7	1361.0
72.5°	1274.3	1274.5	1270.6	1269.5	1265.5	1265.3	1263.3	1265.1	1265.0	1266.9	1266.1
75°	1161.0	1159.4	1154.5	1153.7	1150.7	1152.1	1150.0	1152.7	1153.1	1157.2	1157.7
77.5°	1047.3	1041.4	1032.3	1027.9	1021.8	1021.0	1017.5	1019.9	1019.0	1023.9	1025.8
80°	903.9	896.7	884.9	879.3	872.1	871.0	867.7	871.0	869.4	875.0	879.0
82.5°	721.6	715.4	703.2	698.7	690.4	691.1	687.5	691.1	690.6	699.0	703.8
85°	533.8	529.6	517.1	506.0	493.6	486.3	479.3	478.0	475.9	479.3	482.2
87.5°	308.4	304.4	294.7	288.2	266.5	267.4	258.9	258.4	256.4	254.4	258.9
90°	48.9	54.5	53.1	58.3	57.6	63.5	63.2	68.8	67.8	73.2	73.1
92.5°	32.1	33.9	35.8	37.6	39.4	41.2	43.1	44.9	48.8	52.4	56.7
95°	43.3	45.4	47.5	49.6	51.7	53.9	55.9	58.1	63.9	69.6	75.4
97.5°	60.4	61.6	63.0	64.4	65.9	67.3	68.7	70.1	76.4	82.6	88.8
100°	76.8	77.9	79.1	80.2	81.3	82.4	83.6	84.7	96.9	108.8	120.8
102.5°	119.1	123.8	128.6	133.4	138.4	143.1	147.9	152.7	180.3	207.8	235.2
105°	218.7	231.8	245.1	258.2	271.3	284.4	297.5	310.6	354.7	398.6	442.8
107.5°	398.3	418.9	439.6	460.5	481.2	502.0	522.7	543.5	586.4	629.5	672.4
110°	604.8	624.7	644.4	664.3	684.0	703.8	723.7	743.7	769.6	795.4	821.3



TEST NUMBER: P1444485
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	752.9	762.5	772.2	782.1	791.7	801.6	811.4	821.2	834.3	847.3	860.6
115°	798.5	799.1	799.9	800.7	801.5	802.3	803.5	804.4	808.8	813.1	817.6
117.5°	762.0	756.9	751.8	746.6	741.6	736.8	732.0	727.3	726.8	726.3	726.2
120°	687.5	680.4	673.7	666.7	660.1	653.4	647.1	640.7	637.7	634.7	631.9
122.5°	598.0	591.1	584.4	577.7	571.2	564.8	558.7	552.4	550.5	548.8	547.0
125°	514.4	508.8	503.3	497.9	492.8	487.7	482.8	477.8	478.4	478.8	479.7
127.5°	448.1	444.7	441.7	438.6	435.9	433.0	430.6	427.9	430.3	432.7	435.1
130°	403.7	402.5	401.7	400.4	400.1	399.3	398.9	398.3	402.0	405.2	409.0
132.5°	379.5	379.6	379.9	380.3	381.1	381.8	382.8	383.6	387.5	391.4	395.3
135°	367.7	368.4	369.7	370.7	372.4	373.7	375.4	376.8	380.9	384.3	388.4
137.5°	365.0	366.1	367.6	368.9	370.7	372.2	374.3	376.0	379.2	382.3	385.5
140°	367.2	367.9	369.3	370.6	372.0	373.4	375.3	376.7	379.6	382.0	384.4
142.5°	370.0	370.7	371.9	373.1	374.5	375.8	377.4	378.6	380.8	382.6	385.0
145°	375.9	376.6	377.6	378.4	379.6	380.7	381.9	383.0	384.5	385.8	387.3
147.5°	379.2	379.6	380.5	381.3	382.3	383.1	383.9	384.7	386.0	386.9	388.1
150°	380.7	381.1	381.5	381.9	382.6	383.4	384.1	384.7	385.6	386.5	387.5
152.5°	379.1	379.3	379.7	380.1	380.8	381.3	381.8	382.5	383.4	384.1	385.0
155°	378.2	378.9	379.6	380.0	380.9	381.1	382.0	382.5	383.3	383.9	384.7
157.5°	379.5	379.7	380.6	381.0	381.7	382.2	382.8	383.3	384.1	384.6	385.3
160°	379.9	380.8	381.3	382.2	382.9	383.6	384.3	385.2	385.8	386.3	387.0
162.5°	383.4	384.1	384.7	385.2	385.8	386.5	387.0	387.6	388.6	389.0	390.0
165°	386.1	386.7	387.6	388.1	389.0	389.8	390.4	391.2	391.6	392.3	392.8
167.5°	390.9	391.4	392.3	392.9	393.7	394.4	395.1	395.8	396.4	396.7	397.4
170°	394.2	394.8	395.4	396.0	396.6	397.2	397.9	398.4	399.1	399.6	400.3
172.5°	399.4	400.0	400.3	400.7	401.1	401.8	402.2	402.6	403.2	403.6	404.1
175°	403.8	403.8	404.0	404.2	404.3	404.3	404.5	404.8	404.9	405.1	405.3
177.5°	406.3	406.3	406.5	406.6	406.8	406.9	407.1	407.2	407.2	407.2	407.2
180°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3



TEST NUMBER: P1444485
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9
2.5°	43857.3	43859.1	43823.8	43821.9	43788.7	43784.6	43752.3	43742.4	43716.2	43706.7	43680.0
5°	45187.9	45144.8	45045.2	44986.7	44888.2	44823.1	44716.6	44647.1	44544.3	44466.8	44363.4
7.5°	46533.6	46466.7	46354.9	46264.3	46127.8	46018.7	45859.0	45728.2	45555.1	45405.3	45223.6
10°	46928.3	46918.0	46889.5	46848.0	46784.5	46713.1	46604.4	46491.0	46339.3	46174.6	45972.5
12.5°	45957.2	46062.0	46205.0	46289.8	46392.8	46438.1	46480.3	46469.8	46441.9	46358.6	46241.9
15°	43497.1	43791.8	44182.0	44484.4	44832.3	45085.1	45364.3	45538.3	45711.9	45791.9	45841.0
17.5°	39583.8	40141.7	40841.3	41421.2	42090.2	42627.5	43216.5	43659.9	44115.9	44442.5	44738.0
20°	34557.2	35365.5	36355.0	37229.1	38245.6	39129.0	40096.9	40891.6	41711.0	42351.8	42958.3
22.5°	29104.9	30064.9	31261.3	32369.4	33679.7	34857.4	36186.1	37342.6	38550.0	39558.7	40534.0
25°	23743.5	24796.4	26104.5	27340.8	28824.9	30194.7	31770.4	33211.8	34772.3	36127.3	37465.7
27.5°	18847.8	19881.5	21216.9	22533.1	24102.4	25561.9	27250.3	28838.2	30615.1	32253.8	33930.0
30°	14824.0	15700.6	16898.1	18172.9	19720.6	21206.0	22912.6	24545.8	26394.3	28183.4	30071.5
32.5°	11744.5	12412.5	13353.9	14431.8	15859.9	17273.8	18898.9	20475.4	22295.8	24103.1	26066.8
35°	9327.3	9848.3	10566.1	11407.2	12616.6	13835.5	15272.9	16706.6	18404.8	20119.9	22028.5
37.5°	7355.1	7777.8	8339.9	8971.9	9941.9	10942.1	12120.7	13309.3	14785.0	16305.3	18035.1
40°	5743.5	6085.8	6523.4	6994.7	7727.1	8497.8	9409.3	10331.1	11516.6	12759.1	14190.8
42.5°	4511.9	4764.5	5073.6	5418.0	6101.3	6510.6	7128.6	7795.3	8666.9	9568.9	10645.2
45°	3623.5	3795.7	4010.1	4241.1	4558.3	4905.4	5328.7	5772.7	6600.6	7006.8	7661.3
47.5°	3026.0	3141.6	3278.0	3423.6	3610.6	3812.5	4063.5	4320.3	4652.3	4996.3	5399.7
50°	2623.6	2741.2	2787.9	2863.4	2971.6	3086.9	3228.5	3370.0	3548.1	3728.6	3936.1
52.5°	2324.9	2363.2	2414.2	2462.1	2529.2	2660.4	2702.9	2776.9	2876.7	2974.3	3083.5
55°	2096.8	2121.7	2154.9	2183.8	2224.4	2263.2	2319.1	2368.4	2434.9	2493.8	2566.2
57.5°	1919.3	1935.2	1958.2	1977.2	2003.4	2025.3	2058.0	2084.7	2123.1	2156.4	2200.2
60°	1790.3	1800.9	1816.4	1828.7	1845.4	1856.8	1873.1	1885.7	1905.9	1922.8	1947.2
62.5°	1685.0	1690.4	1700.5	1707.8	1718.4	1724.2	1732.9	1738.3	1749.4	1757.9	1771.6
65°	1558.5	1559.8	1566.6	1569.6	1578.0	1581.1	1588.1	1590.7	1599.9	1606.1	1618.2
67.5°	1454.9	1452.1	1452.2	1449.8	1451.0	1448.5	1449.2	1446.6	1450.3	1452.2	1461.4
70°	1360.4	1356.4	1355.0	1350.7	1349.4	1344.9	1343.6	1339.6	1339.1	1337.8	1341.1
72.5°	1268.2	1267.1	1267.4	1264.4	1264.0	1261.0	1261.1	1259.2	1261.3	1262.2	1266.4
75°	1162.2	1162.5	1164.6	1161.9	1162.7	1160.1	1161.1	1158.7	1159.9	1159.5	1163.7
77.5°	1033.2	1036.3	1041.9	1040.8	1042.6	1039.7	1041.0	1037.6	1038.5	1036.3	1037.9
80°	888.2	894.6	902.1	901.9	905.0	903.0	905.8	902.6	903.9	900.1	899.1
82.5°	715.9	721.4	729.4	729.7	736.8	738.1	746.0	745.6	750.6	747.4	745.2
85°	489.4	493.1	500.2	504.0	511.3	515.8	523.3	526.4	521.0	530.9	523.1
87.5°	255.5	265.1	259.7	272.1	269.2	281.8	279.0	290.7	288.4	298.3	297.0
90°	80.2	80.7	88.1	89.3	98.3	100.3	105.7	103.1	108.3	106.0	111.1
92.5°	60.2	64.6	68.6	72.5	76.4	80.6	76.7	73.1	69.4	65.9	62.1
95°	81.1	86.9	92.6	98.4	104.2	110.0	103.8	97.8	91.6	85.4	79.2
97.5°	95.0	101.3	107.4	113.6	119.9	126.1	118.8	111.5	104.2	97.0	89.6
100°	132.8	144.9	156.9	168.9	181.0	193.0	179.4	165.8	152.3	138.6	125.1
102.5°	262.9	290.3	317.9	345.6	373.0	400.5	371.8	343.0	314.1	285.3	256.3
105°	486.8	530.9	575.0	619.0	663.0	707.4	660.6	613.8	566.9	520.3	473.3
107.5°	715.6	758.4	801.7	844.5	887.7	930.9	883.5	836.0	788.8	741.3	693.8
110°	847.4	873.3	899.3	925.5	951.4	977.6	943.1	908.6	874.1	839.5	804.9



TEST NUMBER: P1444485
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	873.7	887.1	900.1	913.6	926.8	940.0	915.5	891.0	866.4	842.0	817.2
115°	822.1	826.6	831.1	835.8	840.2	844.8	828.4	812.0	795.7	779.3	762.6
117.5°	725.9	725.9	725.4	725.6	725.1	724.9	715.9	707.1	698.0	689.0	680.0
120°	629.0	626.1	623.3	620.5	617.5	614.5	611.1	607.7	604.0	600.4	596.7
122.5°	545.3	543.8	542.0	540.2	538.3	536.5	535.4	534.6	533.5	532.4	531.1
125°	480.3	480.9	481.6	482.2	482.7	483.2	482.9	482.8	482.4	482.3	481.8
127.5°	437.3	439.7	441.8	444.1	446.1	448.4	448.6	449.2	449.4	449.9	450.1
130°	412.2	416.0	419.3	422.5	425.5	429.2	429.1	429.5	429.6	429.8	429.9
132.5°	399.2	403.0	406.7	410.7	414.2	417.9	417.9	418.1	417.9	418.2	418.2
135°	391.9	395.7	399.0	403.0	406.2	409.7	409.5	409.5	409.2	409.4	409.2
137.5°	388.3	391.5	394.4	397.4	400.0	403.0	402.7	402.7	402.4	402.5	402.3
140°	386.9	389.4	391.7	394.2	396.5	398.9	398.4	398.1	397.6	397.4	396.8
142.5°	386.8	388.7	390.4	392.6	394.2	396.1	395.1	394.4	393.7	392.9	392.0
145°	388.7	390.2	391.5	392.9	393.8	395.3	394.1	393.2	391.8	391.1	389.9
147.5°	388.9	390.1	390.7	391.8	392.2	393.4	392.2	391.2	390.1	388.9	387.7
150°	388.2	389.2	390.0	390.6	391.4	392.2	390.9	389.7	388.3	387.0	385.8
152.5°	385.7	386.5	387.2	387.8	388.5	389.0	387.7	386.8	385.4	384.0	382.7
155°	385.0	385.8	386.1	386.8	387.0	387.4	386.1	385.4	384.2	383.2	381.9
157.5°	385.7	386.4	386.9	387.1	387.5	388.0	387.1	386.5	385.5	384.9	383.9
160°	387.4	387.9	388.4	388.7	389.2	389.4	388.6	388.4	387.6	386.8	385.9
162.5°	390.4	391.3	391.6	392.2	392.8	393.2	392.4	391.8	390.9	390.1	389.1
165°	393.3	393.8	394.3	394.7	394.9	395.4	394.9	394.4	393.8	393.4	392.8
167.5°	397.7	398.4	398.7	399.1	399.3	399.6	399.0	398.9	398.1	397.6	396.9
170°	400.7	401.1	401.8	402.2	402.6	402.8	402.6	402.2	401.7	401.2	400.6
172.5°	404.6	405.0	405.2	405.6	405.8	406.2	405.8	405.2	404.8	404.3	403.7
175°	405.3	405.4	405.8	405.8	405.8	406.0	405.6	405.1	404.8	404.3	403.9
177.5°	407.2	407.2	407.2	407.1	407.1	407.1	406.8	406.5	406.3	406.0	405.5
180°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3



TEST NUMBER: P1444485
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9	43397.9
2.5°	43670.5	43651.6	43639.3	43623.7	43614.2	43602.2	43593.3	43585.7	43579.6	43574.0	43569.8
5°	44284.6	44187.0	44111.2	44029.2	43961.8	43894.6	43842.8	43799.9	43770.3	43748.1	43734.8
7.5°	45066.5	44887.7	44728.9	44561.6	44411.6	44264.2	44137.1	44027.6	43945.4	43892.1	43859.8
10°	45764.6	45525.5	45288.8	45039.9	44803.8	44574.8	44363.4	44177.4	44030.3	43932.5	43875.4
12.5°	46077.6	45873.8	45632.2	45361.9	45072.6	44779.8	44494.5	44237.1	44021.1	43876.2	43792.6
15°	45802.0	45718.3	45554.4	45344.5	45069.9	44767.3	44432.2	44117.3	43827.7	43639.8	43530.9
17.5°	44905.3	45022.1	45009.5	44929.2	44731.9	44477.1	44135.7	43782.0	43419.6	43168.5	43031.4
20°	43392.1	43759.1	43945.4	44041.0	43963.4	43798.3	43489.1	43130.1	42707.7	42380.0	42179.9
22.5°	41265.7	41913.7	42317.5	42613.0	42675.7	42619.4	42346.5	42005.0	41534.2	41140.3	40844.7
25°	38528.2	39477.6	40115.9	40616.2	40810.5	40860.6	40628.4	40288.9	39764.1	39305.1	38899.3
27.5°	35303.9	36537.5	37389.7	38061.9	38365.4	38497.0	38283.3	37936.8	37316.0	36768.0	36237.9
30°	31674.0	33137.6	34163.6	34969.7	35339.6	35513.4	35286.4	34899.7	34177.2	33517.8	32850.0
32.5°	27788.8	29390.4	30508.3	31383.8	31750.3	31914.0	31616.8	31182.6	30347.5	29570.7	28791.9
35°	23721.0	25337.6	26465.0	27317.1	27624.4	27722.9	27343.1	26841.1	25915.9	25063.3	24214.1
37.5°	19570.4	21074.5	22099.1	22863.9	23054.0	23071.0	22613.3	22058.9	21086.4	20245.7	19400.5
40°	15455.7	16724.1	17551.4	18163.5	18229.5	18170.7	17673.0	17115.1	16205.3	15452.1	14710.1
42.5°	11579.9	12537.3	13127.6	13547.1	13522.1	13405.8	12949.5	12469.9	11719.4	11145.7	10561.8
45°	8259.3	8890.6	9235.8	9481.3	9402.4	9291.6	8936.5	8600.3	8090.3	7719.7	7327.3
47.5°	5737.9	6491.8	6360.5	6840.4	6426.9	6700.0	6131.3	5817.8	5547.1	5350.3	5128.5
50°	4107.8	4280.6	4364.0	4421.0	4390.7	4348.8	4246.6	4155.2	4031.6	3941.5	3836.5
52.5°	3172.4	3258.7	3306.0	3340.3	3333.6	3318.3	3273.7	3233.0	3175.1	3136.9	3091.0
55°	2687.1	2688.4	2775.4	2738.1	2793.3	2728.6	2754.0	2682.5	2694.1	2632.6	2591.2
57.5°	2232.9	2268.3	2284.3	2299.6	2295.3	2292.6	2275.4	2266.6	2247.3	2241.3	2227.4
60°	1964.2	1982.6	1986.5	1993.6	1987.6	1985.4	1971.9	1967.1	1954.0	1951.6	1942.5
62.5°	1779.8	1789.3	1789.3	1789.3	1781.6	1774.2	1759.2	1751.4	1740.3	1737.9	1732.5
65°	1626.0	1635.9	1637.5	1639.6	1634.0	1628.2	1615.0	1606.5	1595.0	1590.7	1584.5
67.5°	1467.4	1477.8	1481.3	1486.7	1483.4	1482.2	1473.3	1469.9	1462.3	1460.6	1454.9
70°	1342.7	1347.0	1346.7	1346.5	1339.5	1333.2	1322.7	1317.8	1309.9	1308.3	1303.1
72.5°	1268.5	1271.6	1269.6	1266.9	1257.7	1248.4	1236.2	1227.2	1216.9	1210.5	1203.2
75°	1164.1	1168.2	1165.5	1163.9	1155.6	1149.5	1139.7	1134.7	1127.5	1125.4	1120.4
77.5°	1036.0	1037.9	1033.7	1033.2	1026.9	1023.1	1015.7	1014.4	1009.1	1009.3	1004.4
80°	893.3	892.1	885.4	884.2	877.9	876.3	870.5	870.8	866.5	868.3	865.0
82.5°	735.0	731.0	722.2	719.6	712.4	711.7	707.9	711.1	708.5	712.4	710.1
85°	526.7	527.8	524.0	524.0	521.9	522.6	522.2	524.7	524.9	528.5	528.4
87.5°	293.7	297.9	297.0	301.0	300.8	305.1	306.6	313.0	313.8	319.7	319.7
90°	108.8	114.7	112.2	118.1	117.3	123.9	124.2	130.9	130.4	136.0	134.2
92.5°	58.5	54.8	51.3	47.5	45.6	43.5	42.2	39.8	38.3	36.2	34.3
95°	73.0	66.8	60.6	54.4	52.3	50.0	47.9	45.8	43.7	41.6	39.4
97.5°	82.3	75.0	67.7	60.4	58.5	56.8	54.7	52.9	51.1	49.3	47.4
100°	111.4	97.7	84.3	70.4	68.8	67.3	65.8	64.3	62.7	61.0	59.4
102.5°	227.5	198.6	169.5	140.6	135.1	129.6	124.1	118.4	113.0	107.4	101.9
105°	426.6	379.6	332.7	285.7	270.8	255.9	240.9	225.9	211.0	196.1	181.2
107.5°	646.2	598.6	551.1	503.4	476.0	448.4	420.9	393.0	365.7	337.9	310.3
110°	770.3	735.7	700.8	666.0	644.2	622.0	599.7	577.5	555.4	533.1	510.8



TEST NUMBER: P1444485
 CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	792.5	767.8	743.1	718.1	708.2	698.1	688.3	678.2	668.2	657.9	647.9
115°	746.0	729.5	712.8	696.0	692.8	689.2	686.0	682.3	678.9	675.3	671.6
117.5°	671.0	661.7	652.5	643.2	643.9	644.7	645.6	646.2	646.7	647.2	647.7
120°	593.0	589.3	585.8	581.9	585.3	588.4	591.9	594.9	598.1	600.9	603.9
122.5°	530.1	528.8	527.7	526.2	530.5	534.5	538.3	542.2	545.9	549.3	552.8
125°	481.7	481.3	481.0	480.3	484.7	488.7	492.7	496.4	500.3	503.7	507.2
127.5°	450.6	450.8	451.3	451.3	454.7	457.4	460.5	463.0	466.0	468.3	470.7
130°	430.0	429.9	430.3	430.2	433.1	435.9	438.8	441.2	443.9	445.9	447.9
132.5°	418.3	418.2	418.3	418.2	420.7	422.6	425.0	426.5	428.5	429.7	431.2
135°	409.3	409.0	409.1	408.7	410.9	413.0	415.0	416.6	418.3	419.5	420.8
137.5°	402.2	402.0	401.8	401.6	403.6	405.5	407.2	408.7	410.2	411.5	412.4
140°	396.7	396.0	395.9	395.3	397.2	398.8	400.4	401.8	403.3	404.1	405.1
142.5°	391.3	390.2	389.9	388.7	390.1	391.4	392.6	393.6	394.7	395.5	396.0
145°	388.8	387.4	386.7	385.5	386.5	387.4	388.5	389.4	390.0	390.3	391.0
147.5°	386.8	385.5	384.2	383.0	384.1	384.7	385.4	385.7	386.6	386.9	387.1
150°	384.5	383.0	381.6	380.2	380.9	381.3	381.7	382.4	382.7	382.9	383.2
152.5°	381.3	380.0	378.6	377.1	377.5	377.8	378.1	378.2	378.5	378.6	378.7
155°	380.9	379.6	378.3	376.8	377.3	377.4	377.5	377.6	377.6	377.6	377.5
157.5°	382.9	381.5	381.0	379.6	379.6	379.6	379.6	379.0	379.0	378.6	378.3
160°	385.3	384.2	383.4	382.5	382.2	382.1	382.0	381.5	381.3	380.9	380.5
162.5°	388.2	387.1	386.0	384.9	384.7	384.6	384.5	384.0	383.9	383.3	383.0
165°	392.1	391.4	390.6	389.6	389.4	389.1	388.9	388.3	388.0	387.3	386.9
167.5°	396.2	395.5	394.6	393.6	393.6	393.5	393.4	393.0	392.9	392.3	392.2
170°	400.1	399.4	398.9	398.1	397.7	397.6	397.3	397.0	396.5	396.1	395.7
172.5°	403.0	402.4	401.7	400.8	400.8	400.6	400.3	400.2	399.7	399.4	399.2
175°	403.3	402.9	402.0	401.7	401.6	401.4	401.2	401.0	400.7	400.5	400.3
177.5°	405.2	404.9	404.3	404.0	403.9	403.9	403.7	403.5	403.5	403.4	403.3
180°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3



TEST NUMBER: P1444485
CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	43397.9	43397.9
2.5°	43566.0	43563.7
5°	43727.9	43725.4
7.5°	43851.2	43850.3
10°	43865.6	43873.2
12.5°	43778.1	43784.2
15°	43522.6	43534.5
17.5°	43033.9	43049.5
20°	42192.1	42208.4
22.5°	40828.8	40835.6
25°	38846.8	38818.7
27.5°	36144.8	36096.4
30°	32709.8	32662.9
32.5°	28614.3	28585.1
35°	24004.2	23985.7
37.5°	19150.6	19113.0
40°	14438.7	14329.0
42.5°	10306.0	10113.5
45°	7122.4	6894.2
47.5°	4972.1	4831.1
50°	3768.8	3723.2
52.5°	3070.9	3060.2
55°	2591.1	2586.4
57.5°	2230.5	2228.9
60°	1947.2	1946.8
62.5°	1736.1	1736.8
65°	1587.3	1587.6
67.5°	1456.4	1455.5
70°	1305.0	1303.9
72.5°	1200.9	1199.1
75°	1120.4	1119.3
77.5°	1005.8	1004.2
80°	867.2	865.0
82.5°	713.3	710.8
85°	532.1	532.2
87.5°	325.5	325.4
90°	139.6	136.9
92.5°	32.9	31.3
95°	37.4	35.2
97.5°	45.6	43.7
100°	57.9	56.3
102.5°	96.5	91.0
105°	166.3	151.4
107.5°	282.7	255.2
110°	488.6	466.4



TEST NUMBER: P1444485
CATALOG NUMBER: EHBR1-54-UNV-TA-L830-UPL24

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	637.6	627.5
115°	667.7	664.0
117.5°	648.0	648.3
120°	606.3	609.1
122.5°	555.8	559.0
125°	510.3	513.5
127.5°	472.7	474.5
130°	449.2	451.1
132.5°	432.0	432.9
135°	421.4	422.2
137.5°	413.0	413.6
140°	405.4	406.0
142.5°	396.4	396.7
145°	391.2	391.4
147.5°	386.8	386.9
150°	383.0	382.9
152.5°	378.3	378.3
155°	377.1	376.9
157.5°	377.7	377.3
160°	379.8	379.5
162.5°	382.3	382.0
165°	386.0	385.4
167.5°	391.5	391.4
170°	395.2	394.9
172.5°	398.8	398.4
175°	400.1	399.9
177.5°	403.3	402.9
180°	405.3	405.3

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-2

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L830-N

Data in this report applies to families of products including EHBR-60-L830-N

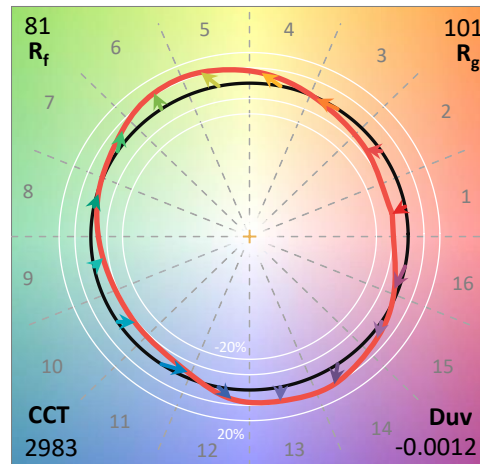
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-472-2
 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-L830-N**
 Description: Elevate Round Highbay at, 60000 lumens, 3000K 80CRI LEDs with N lens

Spectral Parameters

CCT (K): 2983
 CIE u': 0.2516
 CIE v': 0.5201
 Duv: -0.0012
 CIE x: 0.4364
 CIE y: 0.4010
 CIE z: 0.1626
 Peak Wavelength (nm): 630
 Dominant Wavelength (nm): 583
 Purity: 51.34918
 Rf: 81.2
 Rg: 101.5

CRI (Ra):	83.4		
R1:	84.0	R9:	29.4
R2:	87.5	R10:	68.6
R3:	88.9	R11:	82.2
R4:	83.8	R12:	61.6
R5:	81.9	R13:	83.9
R6:	83.1	R14:	92.5
R7:	87.1	R15:	79.8
R8:	70.9		



Test Conditions

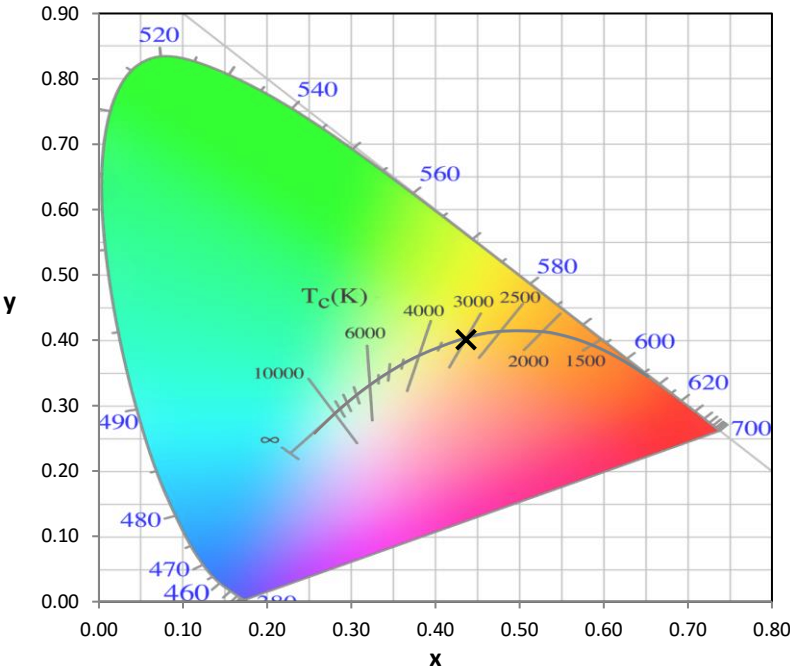
Stabilization Time: 38M
 Operation Time: 1H 38M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2506-472-2

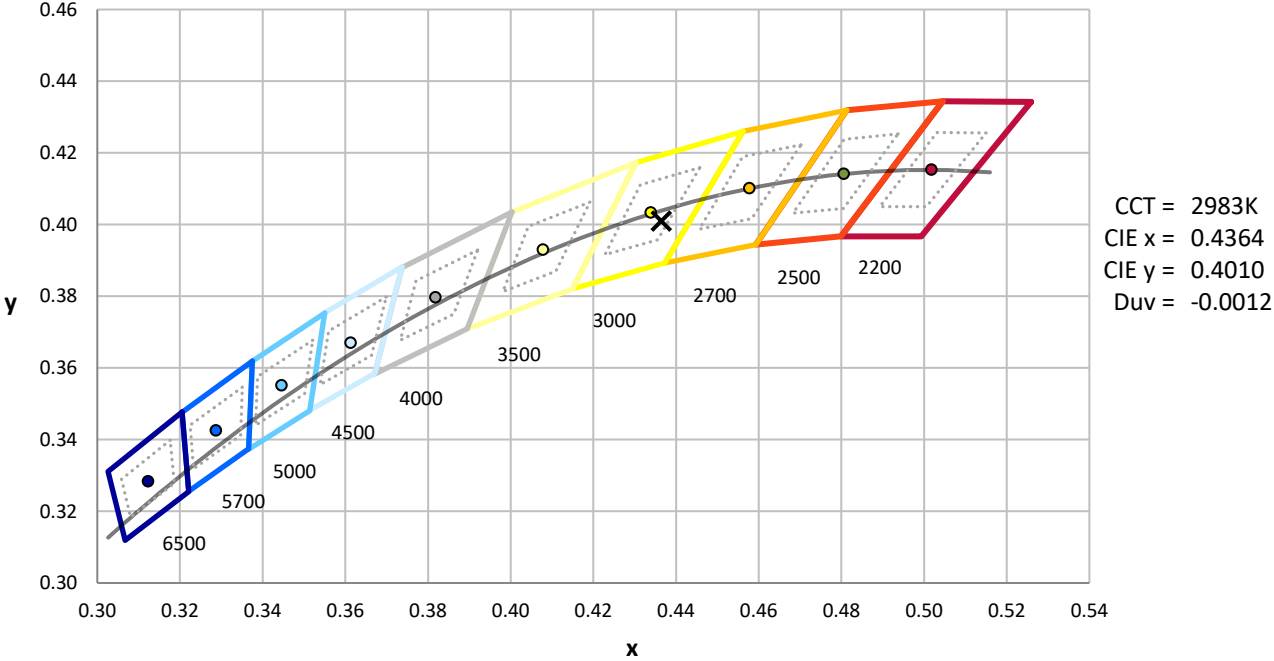
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	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: SP1-2506-472-2

CIE 1931 Chromaticity Diagram



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

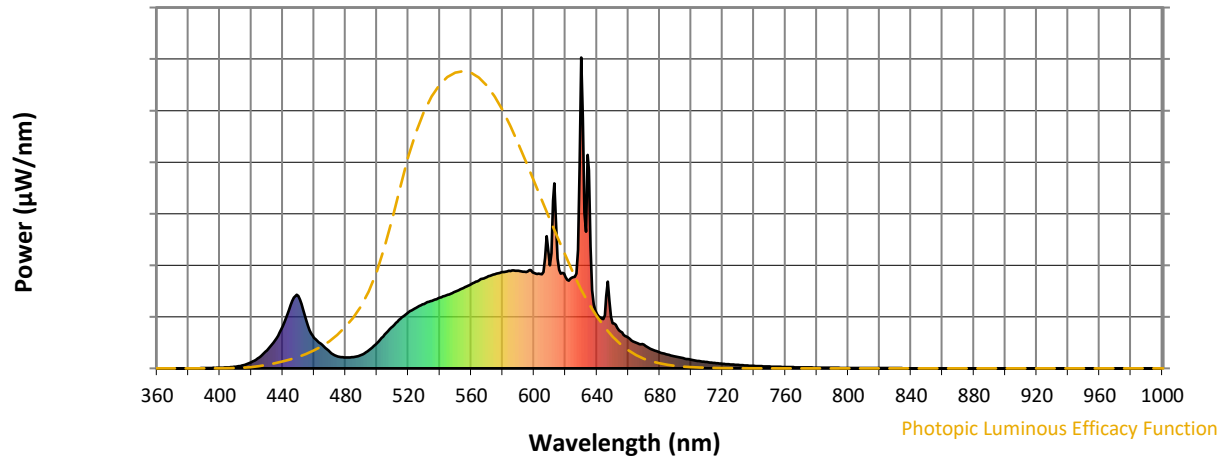


CCT = 2983K
 CIE x = 0.4364
 CIE y = 0.4010
 Duv = -0.0012

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-2

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	43	NR	620	294	NR	750	6	NR	880	0	NR
365	0	NR	495	59	NR	625	294	NR	755	5	NR	885	0	NR
370	0	NR	500	81	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	109	NR	635	637	NR	765	4	NR	895	0	NR
380	0	NR	510	135	NR	640	175	NR	770	3	NR	900	0	NR
385	0	NR	515	160	NR	645	171	NR	775	3	NR	905	0	NR
390	1	NR	520	180	NR	650	146	NR	780	2	NR	910	0	NR
395	1	NR	525	195	NR	655	119	NR	785	2	NR	915	0	NR
400	2	NR	530	207	NR	660	99	NR	790	2	NR	920	0	NR
405	3	NR	535	218	NR	665	82	NR	795	2	NR	925	0	NR
410	5	NR	540	227	NR	670	76	NR	800	1	NR	930	0	NR
415	10	NR	545	237	NR	675	61	NR	805	1	NR	935	0	NR
420	20	NR	550	247	NR	680	52	NR	810	1	NR	940	0	NR
425	35	NR	555	259	NR	685	44	NR	815	1	NR	945	0	NR
430	58	NR	560	271	NR	690	38	NR	820	1	NR	950	0	NR
435	90	NR	565	283	NR	695	33	NR	825	1	NR	955	0	NR
440	135	NR	570	293	NR	700	27	NR	830	1	NR	960	0	NR
445	204	NR	575	303	NR	705	24	NR	835	1	NR	965	0	NR
450	233	NR	580	310	NR	710	20	NR	840	0	NR	970	0	NR
455	153	NR	585	313	NR	715	17	NR	845	0	NR	975	0	NR
460	98	NR	590	314	NR	720	15	NR	850	0	NR	980	0	NR
465	76	NR	595	310	NR	725	13	NR	855	0	NR	985	0	NR
470	53	NR	600	307	NR	730	11	NR	860	0	NR	990	0	NR
475	39	NR	605	303	NR	735	9	NR	865	0	NR	995	0	NR
480	35	NR	610	331	NR	740	8	NR	870	0	NR	1000	0	NR
485	36	NR	615	353	NR	745	7	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-2

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.27

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	43	NR	620	294	NR	750	6	NR	880	0	NR
365	0	NR	495	59	NR	625	294	NR	755	5	NR	885	0	NR
370	0	NR	500	81	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	109	NR	635	637	NR	765	4	NR	895	0	NR
380	0	NR	510	135	NR	640	175	NR	770	3	NR	900	0	NR
385	0	NR	515	160	NR	645	171	NR	775	3	NR	905	0	NR
390	1	NR	520	180	NR	650	146	NR	780	2	NR	910	0	NR
395	1	NR	525	195	NR	655	119	NR	785	2	NR	915	0	NR
400	2	NR	530	207	NR	660	99	NR	790	2	NR	920	0	NR
405	3	NR	535	218	NR	665	82	NR	795	2	NR	925	0	NR
410	5	NR	540	227	NR	670	76	NR	800	1	NR	930	0	NR
415	10	NR	545	237	NR	675	61	NR	805	1	NR	935	0	NR
420	20	NR	550	247	NR	680	52	NR	810	1	NR	940	0	NR
425	35	NR	555	259	NR	685	44	NR	815	1	NR	945	0	NR
430	58	NR	560	271	NR	690	38	NR	820	1	NR	950	0	NR
435	90	NR	565	283	NR	695	33	NR	825	1	NR	955	0	NR
440	135	NR	570	293	NR	700	27	NR	830	1	NR	960	0	NR
445	204	NR	575	303	NR	705	24	NR	835	1	NR	965	0	NR
450	233	NR	580	310	NR	710	20	NR	840	0	NR	970	0	NR
455	153	NR	585	313	NR	715	17	NR	845	0	NR	975	0	NR
460	98	NR	590	314	NR	720	15	NR	850	0	NR	980	0	NR
465	76	NR	595	310	NR	725	13	NR	855	0	NR	985	0	NR
470	53	NR	600	307	NR	730	11	NR	860	0	NR	990	0	NR
475	39	NR	605	303	NR	735	9	NR	865	0	NR	995	0	NR
480	35	NR	610	331	NR	740	8	NR	870	0	NR	1000	0	NR
485	36	NR	615	353	NR	745	7	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-2

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.34

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	43	NR	620	294	NR	750	6	NR	880	0	NR
365	0	NR	495	59	NR	625	294	NR	755	5	NR	885	0	NR
370	0	NR	500	81	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	109	NR	635	637	NR	765	4	NR	895	0	NR
380	0	NR	510	135	NR	640	175	NR	770	3	NR	900	0	NR
385	0	NR	515	160	NR	645	171	NR	775	3	NR	905	0	NR
390	1	NR	520	180	NR	650	146	NR	780	2	NR	910	0	NR
395	1	NR	525	195	NR	655	119	NR	785	2	NR	915	0	NR
400	2	NR	530	207	NR	660	99	NR	790	2	NR	920	0	NR
405	3	NR	535	218	NR	665	82	NR	795	2	NR	925	0	NR
410	5	NR	540	227	NR	670	76	NR	800	1	NR	930	0	NR
415	10	NR	545	237	NR	675	61	NR	805	1	NR	935	0	NR
420	20	NR	550	247	NR	680	52	NR	810	1	NR	940	0	NR
425	35	NR	555	259	NR	685	44	NR	815	1	NR	945	0	NR
430	58	NR	560	271	NR	690	38	NR	820	1	NR	950	0	NR
435	90	NR	565	283	NR	695	33	NR	825	1	NR	955	0	NR
440	135	NR	570	293	NR	700	27	NR	830	1	NR	960	0	NR
445	204	NR	575	303	NR	705	24	NR	835	1	NR	965	0	NR
450	233	NR	580	310	NR	710	20	NR	840	0	NR	970	0	NR
455	153	NR	585	313	NR	715	17	NR	845	0	NR	975	0	NR
460	98	NR	590	314	NR	720	15	NR	850	0	NR	980	0	NR
465	76	NR	595	310	NR	725	13	NR	855	0	NR	985	0	NR
470	53	NR	600	307	NR	730	11	NR	860	0	NR	990	0	NR
475	39	NR	605	303	NR	735	9	NR	865	0	NR	995	0	NR
480	35	NR	610	331	NR	740	8	NR	870	0	NR	1000	0	NR
485	36	NR	615	353	NR	745	7	NR	875	0	NR			

Summary

$R_f = 81.2$
 $R_g = 101.5$
 CIE $R_a = 83.4$
 $R_9 = 29.4$

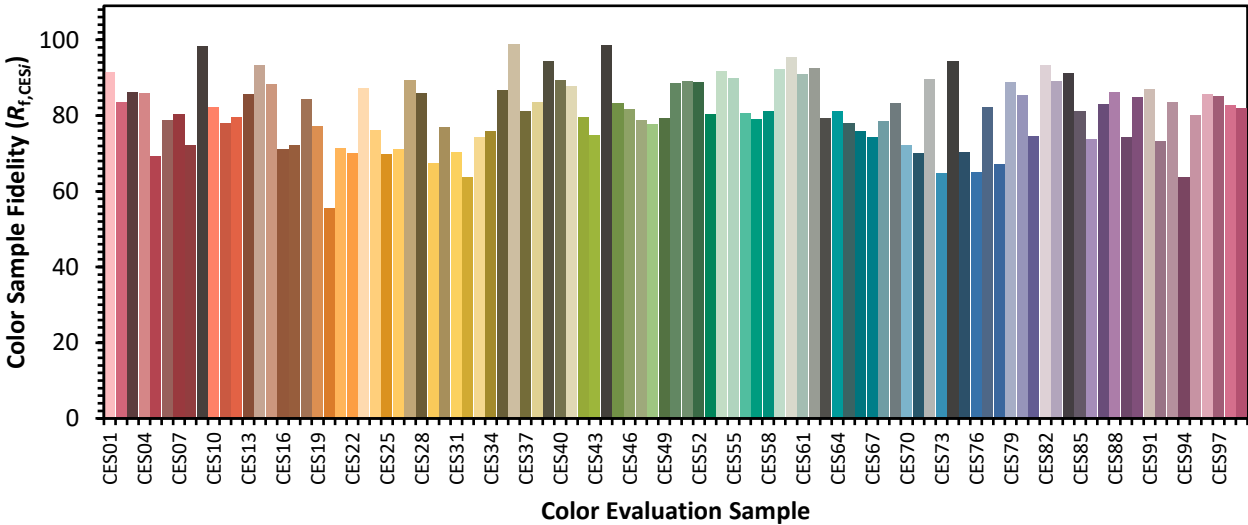


Color Vector Graphics

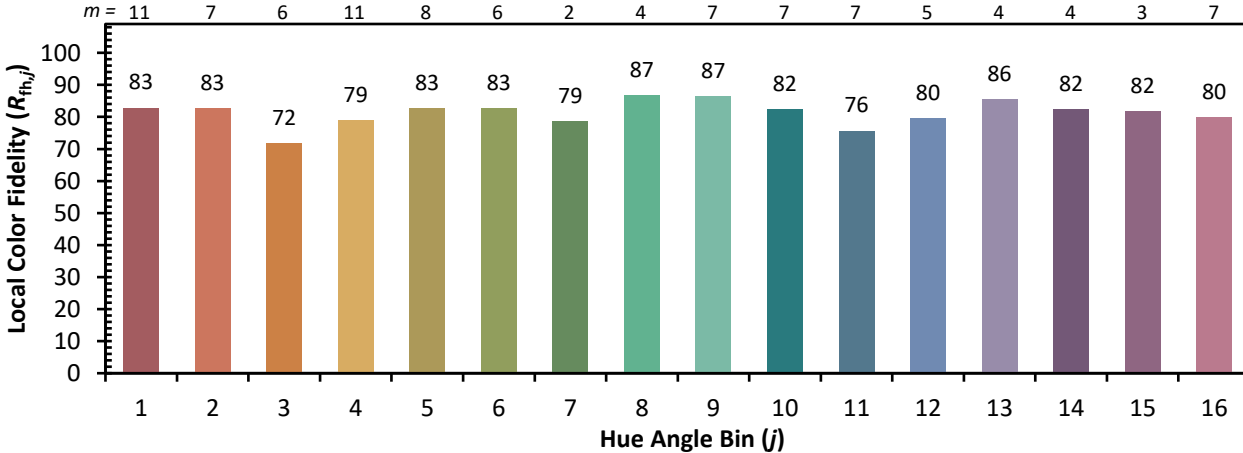


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 71	CES51 = 89	CES76 = 65
CES02 = 63	CES27 = 89	CES52 = 89	CES77 = 82
CES03 = 31	CES28 = 86	CES53 = 80	CES78 = 67
CES04 = 70	CES29 = 68	CES54 = 92	CES79 = 89
CES05 = 50	CES30 = 77	CES55 = 90	CES80 = 85
CES06 = 51	CES31 = 70	CES56 = 81	CES81 = 75
CES07 = 43	CES32 = 64	CES57 = 79	CES82 = 93
CES08 = 41	CES33 = 74	CES58 = 81	CES83 = 89
CES09 = 29	CES34 = 76	CES59 = 92	CES84 = 91
CES10 = 76	CES35 = 87	CES60 = 96	CES85 = 81
CES11 = 59	CES36 = 99	CES61 = 91	CES86 = 74
CES12 = 65	CES37 = 81	CES62 = 93	CES87 = 83
CES13 = 44	CES38 = 83	CES63 = 79	CES88 = 86
CES14 = 74	CES39 = 94	CES64 = 81	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 78	CES90 = 85
CES16 = 48	CES41 = 88	CES66 = 76	CES91 = 87
CES17 = 50	CES42 = 80	CES67 = 74	CES92 = 73
CES18 = 57	CES43 = 75	CES68 = 79	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 83	CES94 = 64
CES20 = 67	CES45 = 83	CES70 = 72	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 70	CES96 = 86
CES22 = 79	CES47 = 79	CES72 = 90	CES97 = 85
CES23 = 92	CES48 = 78	CES73 = 65	CES98 = 83
CES24 = 91	CES49 = 79	CES74 = 94	CES99 = 82
CES25 = 72	CES50 = 88	CES75 = 70	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)