

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: P1444630

Luminaire Tested: EHBR1-54-UNV-TA-L850-UPL30

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444630
REPORT IS A COMBINATION OF REPORTS P1444343 AND P1431635
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-54-UNV-TA-L850-UPL30
Description: Elevate Round Highbay at, 54000 lumens, 5000K 80CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

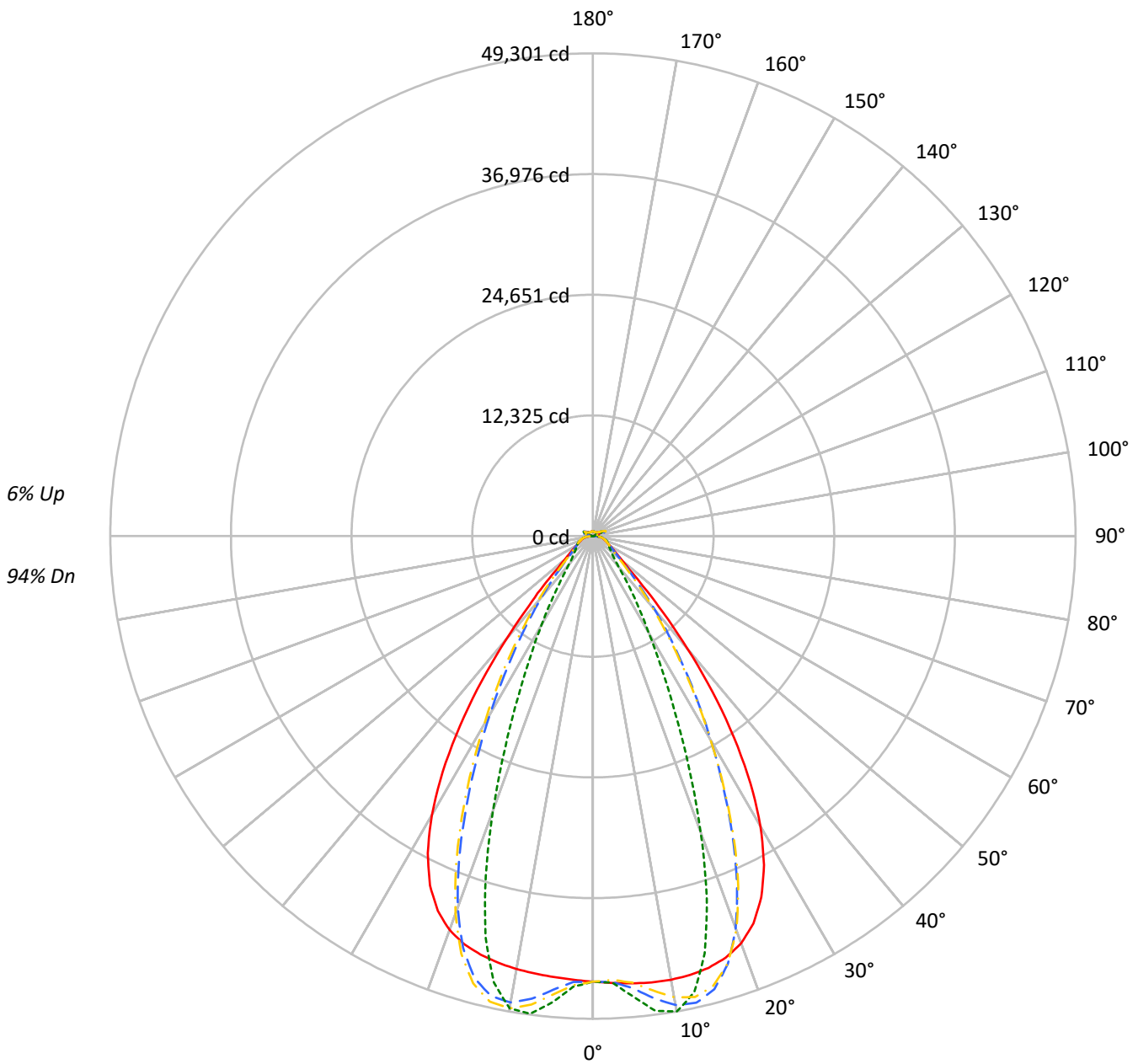
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 55684.4 lumens
Efficiency: N/A
Efficacy: 175.1 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): 318
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: P1444630
CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL30

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	114	114	114	114	108	108	108	102	102	102	97	97	97	97	97	97	94
1	110	107	104	101	107	104	102	99	99	97	95	94	93	91	90	89	87	87	87	87	85
2	104	98	93	89	101	96	91	87	91	88	84	87	84	82	84	81	79	79	79	79	77
3	97	90	84	79	95	88	82	78	84	80	76	81	77	74	78	75	72	72	72	72	70
4	92	83	76	71	89	81	75	71	78	73	69	75	71	68	73	69	66	66	66	66	64
5	86	77	70	65	84	75	69	64	73	67	63	70	66	62	68	64	61	61	61	61	59
6	81	71	64	60	79	70	64	59	68	62	58	66	61	57	64	60	57	57	57	57	55
7	77	66	60	55	75	65	59	55	64	58	54	62	57	53	60	56	52	52	52	52	51
8	73	62	56	51	71	61	55	51	60	54	50	58	53	49	57	52	49	49	49	49	47
9	69	58	52	47	67	58	51	47	56	51	47	55	50	46	54	49	46	46	46	46	44
10	66	55	49	44	64	54	48	44	53	47	44	52	47	43	51	46	43	43	43	43	41

AVERAGE LUMINANCE (cd/sqm):

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

MAXIMUM LUMINANCE 45°-90°:

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



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4485.0	8.1
10°-20°	12616.8	22.7
20°-30°	14369.6	25.8
30°-40°	10328.2	18.5
40°-50°	4763.4	8.6
50°-60°	2279.5	4.1
60°-70°	1663.2	3.0
70°-80°	1263.6	2.3
80°-90°	580.0	1.0
90°-100°	97.5	0.2
100°-110°	535.7	1.0
110°-120°	989.1	1.8
120°-130°	611.6	1.1
130°-140°	401.5	0.7
140°-150°	304.5	0.5
150°-160°	216.5	0.4
160°-170°	132.7	0.2
170°-180°	45.9	0.1
0°-30°	31471.5	56.5
0°-40°	41799.7	75.1
0°-60°	48842.5	87.7
0°-90°	52349.3	94.0
90°-120°	1622.3	2.9
90°-150°	2939.9	5.3
90°-180°	3335.0	6.0
0°-180°	55684.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	45509	45509	45509	45509	45509	
5°	45853	47190	45211	47808	45853	4382
15°	45652	44130	44262	42353	45652	12863
25°	40707	19791	39362	17957	40707	18453
35°	25153	6859	23706	6076	25153	15437
45°	7230	2955	7110	2906	7230	6149
55°	2712	2077	2612	2058	2712	2504
65°	1665	1711	1601	1653	1665	1663
75°	1174	1282	1110	1226	1174	1221
85°	558	668	451	572	558	524
90°	148	188	40	50	148	93
95°	44	49	45	49	44	42
105°	196	250	132	250	196	258
115°	865	1044	906	1044	865	800
125°	660	683	746	685	660	601
135°	532	463	572	468	532	415
145°	484	461	513	468	484	305
155°	459	457	487	462	459	214
165°	464	461	480	465	464	132
175°	479	482	487	484	479	46
180°	485	485	485	485	485	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2
2.5°	45683.0	45679.3	45678.7	45675.5	45674.6	45674.6	45673.1	45669.4	45667.0	45661.8	45655.9
5°	45852.6	45850.5	45851.7	45852.1	45848.8	45841.8	45830.7	45817.0	45799.7	45783.6	45769.1
7.5°	45983.6	45986.8	45990.9	45990.0	45980.1	45963.4	45940.6	45927.8	45935.4	45960.1	46016.8
10°	46007.6	46027.1	46034.7	46032.3	46012.5	45998.1	46003.6	46051.9	46147.8	46275.9	46451.0
12.5°	45914.3	45938.2	45937.3	45929.5	45910.2	45929.8	45999.6	46143.1	46348.9	46601.5	46897.6
15°	45652.4	45683.4	45674.6	45664.4	45651.5	45715.7	45855.2	46104.5	46422.3	46778.4	47142.8
17.5°	45143.8	45181.3	45163.1	45151.4	45140.6	45261.0	45500.7	45865.7	46265.9	46668.7	47014.1
20°	44261.8	44286.8	44243.5	44223.1	44240.3	44476.3	44829.2	45295.4	45717.3	46098.1	46334.3
22.5°	42822.2	42853.4	42771.9	42762.5	42863.0	43225.5	43672.1	44193.2	44589.6	44891.5	44982.5
25°	40707.2	40737.8	40641.1	40698.9	40870.0	41363.6	41895.6	42453.0	42791.2	43014.8	42953.1
27.5°	37852.4	37880.4	37788.6	37906.7	38177.0	38825.7	39451.8	40056.4	40357.9	40514.6	40316.0
30°	34252.0	34310.1	34201.7	34366.5	34779.1	35621.3	36338.6	37016.7	37317.3	37436.5	37127.5
32.5°	29975.7	30058.5	29939.0	30184.1	30760.0	31771.6	32586.4	33344.0	33676.4	33812.6	33463.6
35°	25152.6	25271.4	25134.2	25502.2	26212.5	27339.0	28241.3	29087.1	29480.8	29673.7	29322.1
37.5°	20042.8	20156.0	20081.8	20572.7	21352.7	22520.3	23441.4	24353.8	24798.4	25088.0	24810.8
40°	15026.1	15129.6	15185.8	15747.3	16480.9	17581.4	18466.0	19368.9	19866.2	20229.7	20058.7
42.5°	10605.5	10709.9	10900.8	11442.6	12054.3	12965.3	13723.0	14533.6	15008.7	15396.5	15330.5
45°	7229.6	7350.8	7590.0	8033.6	8476.0	9129.5	9686.0	10316.4	10704.5	11059.7	11063.9
47.5°	5066.1	5151.3	5365.0	5667.9	5956.3	6774.5	6808.1	7117.9	7378.8	7644.3	7678.7
50°	3904.4	3955.6	4069.0	4237.8	4401.2	4613.6	4808.1	5032.5	5193.1	5338.7	5373.5
52.5°	3209.1	3241.7	3299.4	3390.8	3485.6	3601.1	3705.2	3828.4	3915.9	3993.7	4010.2
55°	2712.3	2739.3	2825.1	2842.4	2951.0	2971.8	3018.1	3093.1	3143.9	3190.5	3202.2
57.5°	2337.3	2356.9	2375.1	2414.0	2447.4	2496.1	2535.2	2589.0	2621.0	2654.7	2657.7
60°	2041.5	2055.6	2068.7	2095.6	2118.4	2152.2	2179.1	2215.7	2238.6	2264.0	2266.8
62.5°	1821.3	1831.5	1840.1	1858.0	1874.2	1900.1	1921.5	1952.1	1973.5	1993.0	1997.5
65°	1664.9	1672.3	1677.8	1691.4	1705.5	1727.6	1747.0	1771.9	1787.6	1802.7	1805.8
67.5°	1526.3	1533.3	1539.0	1551.3	1561.1	1577.6	1590.7	1609.4	1621.2	1633.1	1633.5
70°	1367.3	1373.9	1378.3	1389.8	1397.7	1411.8	1422.3	1439.2	1451.3	1464.7	1468.0
72.5°	1257.4	1261.2	1267.1	1277.6	1288.6	1303.8	1317.7	1335.3	1349.9	1363.8	1369.7
75°	1173.7	1178.2	1182.2	1191.1	1198.7	1211.5	1222.0	1238.0	1250.8	1265.7	1272.9
77.5°	1053.0	1058.2	1061.5	1070.5	1077.1	1089.3	1097.1	1111.4	1122.0	1135.4	1142.0
80°	907.0	911.9	914.3	922.8	928.0	939.3	946.9	960.7	969.5	983.0	990.9
82.5°	745.4	750.1	751.3	759.3	762.1	771.5	777.0	791.2	802.0	819.5	831.7
85°	558.1	559.8	562.5	560.5	571.8	572.5	585.2	587.6	604.5	608.9	628.1
87.5°	341.2	346.3	348.8	356.6	359.9	367.7	370.0	378.3	382.9	392.3	396.7
90°	147.9	156.0	158.8	168.2	170.8	179.4	181.5	190.9	193.7	203.4	207.6
92.5°	39.2	41.6	43.9	46.8	49.2	52.6	55.5	58.2	60.8	64.0	69.1
95°	44.4	47.1	49.9	52.7	55.5	58.2	61.0	63.8	66.6	69.3	77.3
97.5°	55.3	57.8	60.1	62.6	64.9	67.4	69.7	72.2	74.6	76.9	86.5
100°	71.5	73.6	75.5	77.6	79.7	81.6	83.7	85.8	87.7	89.8	107.7
102.5°	116.6	123.8	131.0	138.2	145.5	152.4	159.9	166.9	174.2	181.3	219.1
105°	195.5	214.9	234.7	254.1	273.7	293.3	312.9	332.1	351.7	371.2	433.0
107.5°	331.2	367.3	403.5	439.8	476.0	512.2	548.4	584.5	620.5	656.5	719.1
110°	607.9	636.7	666.0	695.1	724.1	753.3	782.4	811.1	840.3	869.2	914.9



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	818.6	831.7	844.8	858.0	871.1	884.0	897.0	910.1	923.1	936.0	968.5
115°	865.3	869.7	874.4	878.7	883.4	887.7	892.1	896.4	900.9	905.1	927.1
117.5°	843.1	842.0	841.1	840.2	839.1	838.0	837.0	835.7	834.5	833.3	845.5
120°	789.9	785.5	781.5	777.0	772.8	768.2	764.1	759.5	755.0	750.3	755.5
122.5°	722.3	717.2	712.4	706.9	701.8	696.3	691.3	685.4	680.3	674.9	676.4
125°	660.3	655.0	650.3	644.9	639.4	633.9	628.5	622.9	617.4	611.7	612.3
127.5°	607.0	603.4	599.8	595.6	591.6	587.5	583.4	579.0	575.0	570.4	570.2
130°	574.0	570.8	567.3	563.5	560.0	556.0	552.0	548.0	544.2	540.0	539.9
132.5°	547.8	545.5	542.9	540.1	537.2	534.0	531.1	527.6	524.6	521.4	521.4
135°	531.6	529.2	527.0	524.3	521.7	518.4	515.4	512.3	509.3	506.0	506.3
137.5°	518.3	516.2	514.0	511.3	508.8	505.8	503.1	499.9	497.0	494.0	494.1
140°	506.2	504.2	502.1	499.6	497.3	494.8	492.0	489.2	486.3	483.5	484.0
142.5°	492.0	490.2	488.7	486.5	484.7	482.2	479.9	477.3	475.1	472.5	473.4
145°	483.5	482.0	480.7	479.0	477.0	474.8	472.9	470.4	468.5	466.3	467.2
147.5°	476.0	474.7	473.8	472.2	470.8	468.7	467.0	465.0	463.2	461.4	462.5
150°	469.6	468.5	467.5	466.2	464.6	462.8	461.2	459.5	457.7	455.9	457.0
152.5°	462.4	461.1	460.2	458.9	457.4	455.6	454.3	452.5	451.0	449.2	450.1
155°	459.2	457.9	456.8	455.6	454.2	452.6	451.1	449.6	448.2	446.4	447.1
157.5°	458.2	457.1	456.2	454.8	453.9	452.6	451.5	450.1	448.9	447.6	447.9
160°	459.6	458.5	457.5	456.3	455.1	453.8	452.8	451.5	450.6	449.2	449.4
162.5°	461.2	460.0	458.9	457.7	456.7	455.4	454.4	453.3	452.2	450.9	451.4
165°	464.0	463.4	462.6	461.7	460.9	460.0	459.2	458.1	457.3	456.3	456.6
167.5°	470.3	469.2	468.5	467.6	466.5	465.7	464.7	463.6	462.9	461.8	462.0
170°	473.8	472.9	472.4	471.9	471.2	470.5	470.0	469.3	468.6	468.0	468.3
172.5°	477.4	476.7	476.4	476.1	475.4	475.0	474.5	474.0	473.8	473.1	473.7
175°	478.6	478.1	478.0	477.6	477.3	476.9	476.8	476.4	476.4	475.9	476.2
177.5°	482.1	482.0	482.0	481.8	481.8	481.6	481.4	481.1	480.9	480.9	481.2
180°	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2
2.5°	45651.5	45645.9	45638.3	45628.7	45620.5	45610.8	45588.0	45581.4	45588.9	45594.0	45604.4
5°	45759.9	45763.2	45764.4	45785.1	45803.0	45847.7	46197.8	46336.9	46444.6	46512.9	46616.6
7.5°	46087.0	46192.2	46296.3	46436.3	46557.1	46720.1	47332.8	47593.5	47778.8	47912.1	48076.0
10°	46641.2	46870.9	47086.3	47338.7	47555.5	47804.0	48374.2	48628.2	48788.6	48905.3	49014.3
12.5°	47199.5	47518.1	47806.0	48086.9	48321.6	48536.9	48737.5	48826.4	48834.0	48837.7	48779.9
15°	47490.2	47794.8	48048.5	48234.2	48372.2	48433.2	48088.0	47906.9	47677.9	47489.4	47179.2
17.5°	47306.7	47489.4	47599.1	47588.2	47531.3	47340.3	46362.4	45824.6	45290.6	44809.4	44178.4
20°	46490.9	46476.9	46381.6	46111.6	45786.3	45280.3	43603.7	42636.5	41701.3	40879.9	39883.5
22.5°	44973.1	44734.3	44401.3	43819.1	43172.3	42288.4	39885.8	38463.0	37161.1	36010.9	34722.6
25°	42773.9	42282.7	41668.5	40744.2	39739.1	38449.8	35488.5	33718.8	32155.7	30799.9	29313.4
27.5°	39959.5	39219.4	38319.4	37040.1	35678.3	34026.6	30743.6	28790.5	27112.5	25659.0	24076.7
30°	36627.4	35664.9	34502.7	32915.0	31272.4	29399.0	26069.3	24091.1	22392.6	20897.3	19313.9
32.5°	32861.8	31734.5	30372.7	28590.6	26814.2	24888.2	21672.4	19757.6	18135.1	16696.6	15263.4
35°	28708.7	27499.7	26059.0	24241.4	22475.6	20603.0	17652.3	15925.8	14493.0	13221.5	12064.2
37.5°	24253.6	23066.6	21697.3	19984.2	18346.8	16649.8	14103.8	12657.1	11454.7	10399.4	9505.8
40°	19621.7	18582.8	17398.0	15917.0	14519.6	13106.4	11016.5	9868.1	8919.2	8114.3	7444.8
42.5°	15046.3	14241.4	13332.8	12162.4	11093.1	10017.0	8408.5	7557.6	6854.7	6275.4	5802.0
45°	10916.7	10378.2	9768.8	8955.1	8215.2	7464.6	6319.8	5721.9	5264.1	4890.6	4574.7
47.5°	7631.3	7319.0	7299.9	6548.0	6005.4	5546.4	4808.9	4431.3	4150.8	3924.4	3724.4
50°	5359.2	5208.1	5020.4	4752.1	4500.2	4240.9	3791.5	3563.1	3398.9	3261.8	3135.2
52.5°	4006.4	3927.9	3827.9	3685.6	3549.2	3403.3	3118.9	2973.6	2921.9	2794.2	2694.0
55°	3200.1	3155.0	3098.2	3014.5	2931.5	2898.3	2654.6	2546.7	2478.3	2427.9	2374.1
57.5°	2658.1	2624.5	2590.9	2534.2	2486.0	2427.9	2298.5	2243.2	2202.6	2172.9	2135.6
60°	2267.3	2247.3	2228.4	2195.1	2169.2	2137.8	2055.6	2024.5	2003.2	1985.3	1961.5
62.5°	2001.2	1990.9	1981.1	1963.4	1950.2	1933.2	1877.0	1862.0	1851.4	1842.5	1827.9
65°	1809.1	1801.7	1796.3	1784.4	1777.8	1767.9	1719.7	1709.6	1703.0	1699.7	1691.4
67.5°	1634.5	1626.8	1623.2	1614.8	1612.1	1605.8	1566.3	1560.8	1558.6	1559.7	1556.6
70°	1471.3	1468.0	1469.7	1468.4	1472.0	1473.2	1449.4	1449.2	1451.7	1456.7	1457.2
72.5°	1373.4	1373.4	1375.3	1376.1	1379.6	1381.4	1361.4	1360.5	1361.6	1365.4	1365.5
75°	1280.3	1281.9	1286.9	1288.6	1292.8	1293.7	1267.3	1264.3	1264.5	1268.0	1266.8
77.5°	1151.4	1157.0	1166.7	1171.7	1179.8	1181.3	1151.8	1148.3	1148.4	1151.9	1149.0
80°	1005.3	1015.9	1031.2	1041.8	1054.3	1059.4	1029.0	1021.8	1015.0	1014.0	1007.9
82.5°	849.9	862.8	881.3	890.8	904.2	907.2	856.4	846.8	841.1	841.6	836.0
85°	648.8	658.6	675.3	680.7	689.0	688.3	630.3	605.5	612.1	601.7	609.9
87.5°	407.0	412.8	423.2	424.5	428.4	427.6	369.2	357.7	354.4	354.5	350.3
90°	218.1	223.1	233.3	234.5	241.6	241.9	195.8	191.4	186.4	187.7	180.9
92.5°	74.5	79.3	84.7	89.6	94.9	100.1	99.8	103.3	98.6	93.0	88.6
95°	85.5	93.5	101.7	109.8	118.0	126.0	134.2	142.3	134.8	127.1	119.5
97.5°	96.2	105.8	115.2	124.7	134.4	144.0	153.6	163.3	155.1	146.6	138.4
100°	125.5	143.5	161.3	179.2	196.9	214.9	232.8	250.8	235.1	219.0	203.3
102.5°	257.1	295.1	333.1	371.0	408.9	446.9	485.2	523.4	487.1	450.8	414.5
105°	494.6	556.1	617.7	679.0	740.6	802.1	864.2	925.9	868.0	810.1	752.2
107.5°	781.4	844.1	906.2	968.5	1031.0	1093.5	1156.6	1219.1	1162.6	1105.8	1049.5
110°	960.4	1005.8	1051.3	1096.6	1142.0	1187.5	1234.0	1279.6	1245.5	1211.4	1177.5



TEST NUMBER: P1444630
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL30

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	1000.7	1033.4	1065.8	1098.1	1130.3	1162.7	1196.6	1229.3	1212.1	1194.5	1177.7
115°	948.7	970.6	992.2	1013.9	1035.6	1057.0	1080.7	1102.9	1097.0	1091.2	1085.6
117.5°	857.4	869.4	881.5	893.3	905.1	917.0	931.4	943.7	944.2	944.8	945.4
120°	760.3	765.1	769.8	774.7	779.2	784.0	791.6	796.9	801.1	805.1	809.3
122.5°	678.1	679.6	681.1	682.6	684.1	685.4	690.3	692.5	695.1	697.8	700.5
125°	612.7	613.2	613.7	614.1	614.3	614.8	619.1	620.1	619.8	619.5	619.2
127.5°	569.9	569.6	569.2	568.9	568.2	568.0	571.6	572.0	569.5	567.1	564.4
130°	539.8	539.8	539.5	539.5	539.5	539.4	543.5	544.5	540.5	536.2	532.3
132.5°	521.3	521.5	521.2	521.5	521.5	521.4	526.1	527.3	523.0	518.1	513.6
135°	506.3	506.6	506.8	506.9	507.1	507.5	512.7	514.0	509.9	505.3	501.1
137.5°	494.1	494.4	494.6	495.1	495.2	495.6	501.4	502.9	499.5	495.7	492.2
140°	484.3	484.6	485.0	485.7	486.1	486.8	493.1	495.0	492.3	489.3	486.2
142.5°	473.9	474.9	475.8	477.0	477.9	479.2	486.4	488.8	486.7	484.2	482.1
145°	468.1	469.4	470.5	471.9	473.2	474.6	482.9	485.7	484.3	482.6	481.0
147.5°	462.9	464.1	465.2	466.4	467.7	469.4	478.0	480.9	480.0	478.9	477.8
150°	457.7	459.0	460.0	461.4	462.8	464.4	474.2	477.7	476.8	475.9	474.8
152.5°	450.9	451.9	453.0	454.1	455.3	456.9	468.6	472.4	471.7	470.6	469.9
155°	447.7	448.4	449.1	450.1	450.9	452.2	465.0	468.7	468.3	467.7	467.1
157.5°	448.2	448.6	448.8	449.4	450.0	450.8	464.1	468.2	467.5	467.0	466.5
160°	449.5	449.8	449.9	450.3	450.5	451.1	464.9	468.5	468.2	467.6	467.0
162.5°	451.6	452.3	452.6	453.1	453.6	454.4	468.3	472.5	471.6	470.9	470.2
165°	456.7	456.7	456.9	457.3	457.3	457.7	470.9	474.2	473.9	473.3	472.8
167.5°	462.1	462.5	462.6	462.9	463.2	463.8	476.1	479.4	479.1	478.4	478.0
170°	468.3	468.7	468.7	469.1	469.5	470.1	480.2	483.1	482.7	481.8	481.3
172.5°	473.9	474.4	474.8	475.2	475.6	476.2	484.9	487.5	487.1	486.5	485.8
175°	476.5	476.7	477.2	477.7	478.1	478.5	485.2	487.2	487.0	486.6	486.3
177.5°	481.6	481.7	482.1	482.5	482.9	483.2	487.3	488.5	488.4	488.4	488.2
180°	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0



TEST NUMBER: P1444630
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL30

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2
2.5°	45606.8	45622.8	45625.2	45643.9	45642.4	45664.7	45661.1	45679.3	45668.7	45683.7	45671.0
5°	46678.0	46775.1	46825.9	46920.7	46950.8	47035.5	47059.5	47136.9	47140.1	47201.5	47187.5
7.5°	48192.4	48335.6	48420.6	48537.8	48597.1	48694.9	48737.8	48810.0	48833.3	48890.7	48895.1
10°	49096.7	49166.3	49214.8	49247.5	49277.4	49291.4	49307.7	49303.4	49307.7	49301.3	49315.4
12.5°	48741.1	48639.5	48572.4	48445.2	48371.5	48231.1	48162.0	48026.9	47977.8	47861.8	47845.1
15°	46939.6	46585.7	46335.7	45972.1	45743.6	45385.9	45176.6	44853.9	44706.4	44450.0	44382.7
17.5°	43656.1	42999.2	42490.9	41838.9	41386.3	40777.0	40393.7	39889.3	39613.0	39206.3	39065.4
20°	39052.7	38080.9	37318.4	36410.1	35760.1	34950.3	34431.7	33777.8	33398.2	32898.6	32696.0
22.5°	33648.3	32438.4	31486.1	30413.0	29628.8	28726.2	28105.1	27397.5	26984.5	26441.7	26201.4
25°	28077.9	26743.6	25684.9	24554.4	23725.8	22821.0	22199.7	21504.6	21077.2	20561.9	20323.1
27.5°	22750.4	21399.7	20376.6	19325.5	18565.4	17749.0	17188.4	16581.5	16202.2	15762.3	15537.7
30°	18048.9	16857.7	15987.0	15114.7	14482.3	13819.4	13353.5	12850.6	12517.8	12141.2	11927.1
32.5°	14218.6	13298.9	12617.2	11925.0	11407.5	10853.4	10450.9	10007.1	9706.7	9370.3	9176.5
35°	11260.9	10546.3	10002.5	9432.8	8988.1	8516.3	8161.6	7778.6	7509.0	7219.5	7052.1
37.5°	8897.3	8329.0	7881.6	7408.3	7043.1	6652.2	6520.5	6081.0	5801.6	5570.6	5410.5
40°	6982.6	6530.8	6160.6	5798.6	5500.8	5204.2	4966.3	4731.4	4551.2	4385.9	4271.5
42.5°	5452.8	5125.5	4855.1	4590.0	4372.7	4156.7	3984.3	3822.5	3701.1	3593.0	3519.3
45°	4334.8	4109.7	3921.7	3735.0	3581.7	3437.5	3321.5	3218.2	3139.9	3074.9	3028.9
47.5°	3561.2	3406.9	3274.4	3148.4	3044.4	2949.9	2872.2	2846.8	2762.6	2705.7	2684.1
50°	3026.5	2933.4	2832.7	2739.8	2670.2	2601.1	2550.7	2501.3	2469.7	2443.6	2435.7
52.5°	2627.4	2556.3	2500.3	2441.4	2395.5	2346.3	2311.5	2278.6	2261.3	2247.6	2245.9
55°	2330.8	2280.9	2243.9	2204.4	2176.9	2148.0	2130.1	2112.7	2105.1	2098.1	2098.6
57.5°	2106.3	2073.0	2048.9	2023.3	2008.5	1994.6	1990.0	1985.7	1988.0	1989.0	1992.9
60°	1942.7	1921.0	1905.9	1891.2	1885.0	1880.6	1883.9	1887.8	1895.8	1902.2	1907.9
62.5°	1817.3	1805.0	1797.6	1789.7	1789.0	1789.3	1796.1	1802.7	1812.6	1820.1	1825.6
65°	1688.3	1681.3	1678.9	1673.8	1676.4	1677.8	1686.0	1691.0	1700.9	1706.9	1714.0
67.5°	1557.9	1556.2	1557.8	1557.8	1562.3	1566.2	1574.0	1579.7	1588.1	1593.6	1599.2
70°	1461.6	1462.3	1465.9	1466.5	1471.5	1474.1	1480.9	1484.5	1492.2	1496.7	1503.7
72.5°	1368.0	1366.5	1367.3	1365.2	1366.8	1366.2	1369.9	1371.8	1378.1	1381.7	1390.1
75°	1268.3	1264.1	1263.1	1258.6	1258.7	1255.5	1257.0	1256.8	1261.0	1262.8	1268.8
77.5°	1147.9	1140.8	1137.5	1129.9	1129.7	1126.9	1129.9	1131.7	1139.1	1142.7	1149.6
80°	1003.9	992.8	987.7	978.9	980.4	979.9	987.4	992.9	1002.0	1003.7	1012.4
82.5°	834.3	823.1	817.6	809.1	811.1	811.3	818.0	819.2	827.1	830.5	840.6
85°	597.4	601.7	589.9	590.6	588.1	592.8	597.4	603.1	609.7	620.7	629.1
87.5°	351.9	350.3	354.5	355.0	361.1	364.3	374.1	379.7	390.7	399.2	414.7
90°	180.1	173.6	175.8	173.0	177.8	175.1	179.7	176.1	181.8	181.6	189.3
92.5°	82.7	78.1	72.3	67.6	62.0	57.5	54.4	52.6	49.6	47.8	44.8
95°	112.0	104.3	96.8	89.2	81.6	74.1	71.3	68.6	65.7	63.0	60.2
97.5°	130.3	122.2	114.0	105.8	97.6	89.5	87.6	85.8	84.0	82.1	80.3
100°	187.4	171.7	156.0	140.1	124.4	108.6	107.2	105.7	104.2	102.7	101.2
102.5°	378.5	342.2	306.2	270.0	234.0	197.7	191.4	185.2	178.9	172.6	166.3
105°	694.3	636.3	578.6	520.7	462.9	405.1	387.9	370.4	353.2	336.0	318.7
107.5°	992.9	936.3	879.9	823.6	767.2	710.8	683.4	656.2	628.8	601.5	574.3
110°	1143.1	1109.1	1075.3	1041.0	1007.3	973.4	947.1	921.3	895.1	869.0	843.1



TEST NUMBER: P1444630
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL30

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	1160.3	1143.2	1125.8	1108.8	1091.8	1074.7	1061.9	1049.2	1036.5	1023.7	1010.8
115°	1079.7	1074.0	1068.3	1062.9	1057.4	1051.7	1050.6	1049.8	1048.5	1047.6	1046.7
117.5°	945.9	946.5	947.0	947.8	948.6	949.4	956.0	962.2	969.0	975.8	982.7
120°	813.3	817.4	821.4	825.8	829.9	834.2	842.8	851.7	860.5	869.8	878.8
122.5°	703.0	705.7	708.2	711.1	713.8	716.6	725.0	733.8	742.4	751.3	760.5
125°	618.4	618.0	617.7	617.1	616.7	616.6	623.3	630.2	637.4	644.8	651.9
127.5°	561.9	559.0	556.4	553.9	551.1	548.8	552.4	556.5	560.3	564.5	568.5
130°	528.1	523.8	519.4	515.6	511.1	507.2	508.1	509.4	510.6	512.1	513.4
132.5°	508.8	504.1	499.3	494.5	489.7	485.0	484.3	483.6	482.8	482.5	482.3
135°	496.3	492.0	487.2	482.7	477.9	473.7	471.9	470.2	468.6	467.3	466.0
137.5°	488.4	484.8	480.9	477.3	473.4	469.7	467.3	465.6	463.3	461.9	460.0
140°	483.1	480.3	477.0	473.9	470.7	467.9	465.8	464.2	462.5	461.0	459.4
142.5°	479.5	477.2	474.7	472.5	469.9	467.7	465.8	464.2	462.6	461.2	459.5
145°	479.3	477.8	476.0	474.2	472.6	470.9	469.2	468.1	466.7	465.4	464.5
147.5°	476.6	475.4	474.2	473.1	471.7	470.4	469.2	468.6	467.3	466.6	465.6
150°	473.7	472.7	471.5	470.6	469.2	468.3	467.4	466.8	465.9	465.6	464.7
152.5°	468.7	468.0	466.9	466.1	464.8	463.8	463.1	462.7	462.1	461.6	460.6
155°	466.2	465.5	464.7	464.0	462.9	462.5	461.7	460.8	460.1	459.4	458.6
157.5°	465.8	465.1	464.2	463.7	462.8	462.1	461.4	460.7	459.9	459.3	458.5
160°	466.4	465.8	465.0	464.3	463.6	462.9	462.0	461.2	460.2	459.5	458.5
162.5°	469.3	468.5	467.9	467.0	465.9	465.2	464.3	463.7	463.0	462.4	461.5
165°	472.1	471.4	470.7	470.0	469.5	468.8	467.9	467.2	466.1	465.4	464.4
167.5°	477.3	476.8	476.1	475.6	474.8	474.1	473.5	472.6	471.7	470.8	469.8
170°	480.8	480.0	479.5	478.6	477.9	477.0	476.3	475.4	474.5	474.0	473.1
172.5°	485.3	485.0	484.4	483.9	483.0	482.4	481.9	481.2	480.5	479.7	479.4
175°	486.1	486.0	485.8	485.3	485.1	484.8	484.5	484.3	484.0	483.8	483.3
177.5°	488.2	488.0	488.0	487.7	487.5	487.5	487.1	486.9	486.6	486.2	486.1
180°	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0



TEST NUMBER: P1444630
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL30

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2
2.5°	45684.2	45672.6	45678.1	45656.7	45661.8	45636.0	45633.6	45604.4	45601.6	45574.1	45563.8
5°	47231.0	47205.6	47234.2	47189.5	47198.3	47140.1	47135.2	47060.0	47034.0	46939.9	46899.3
7.5°	48930.9	48921.4	48938.9	48901.5	48900.3	48848.3	48826.9	48759.4	48717.6	48618.8	48555.7
10°	49303.4	49312.1	49297.8	49301.3	49281.1	49275.5	49254.8	49241.6	49207.7	49182.1	49144.4
12.5°	47756.9	47766.1	47707.2	47744.6	47715.1	47784.1	47778.5	47859.8	47872.3	47975.2	48014.2
15°	44182.8	44171.7	44058.5	44129.8	44091.5	44243.0	44276.9	44480.6	44589.6	44851.2	45011.9
17.5°	38783.6	38754.4	38595.0	38681.8	38637.6	38861.0	38935.8	39261.8	39465.0	39886.5	40186.9
20°	32347.4	32291.6	32105.1	32206.8	32161.2	32414.9	32521.8	32915.7	33177.7	33736.1	34133.2
22.5°	25831.3	25743.1	25560.5	25655.4	25612.4	25875.2	26014.3	26409.4	26709.7	27282.8	27746.5
25°	19979.9	19901.4	19724.7	19791.1	19775.1	19997.4	20121.3	20495.0	20790.0	21336.0	21778.5
27.5°	15239.2	15157.3	14997.8	15044.9	15028.7	15218.0	15334.7	15647.0	15900.8	16360.4	16749.0
30°	11663.4	11564.7	11429.4	11455.3	11444.2	11597.8	11706.7	11969.7	12187.2	12575.6	12910.4
32.5°	8939.9	8840.8	8716.4	8728.6	8712.2	8832.6	8922.4	9151.1	9340.7	9670.9	9962.4
35°	6840.3	6956.1	6690.7	6858.9	6683.7	6940.8	6848.3	6991.3	7154.3	7432.6	7675.6
37.5°	5258.5	5177.8	5109.4	5102.2	5101.9	5161.4	5231.7	5369.3	5513.0	5720.4	5934.5
40°	4167.1	4110.4	4066.2	4063.1	4066.2	4108.6	4160.5	4255.7	4360.9	4509.8	4667.2
42.5°	3456.2	3418.6	3392.0	3390.1	3398.6	3428.5	3464.7	3521.2	3589.6	3686.1	3794.1
45°	2991.4	2970.5	2955.7	2954.8	2958.7	2974.3	2995.1	3030.3	3073.7	3134.0	3202.2
47.5°	2665.2	2660.1	2650.9	2651.2	2646.9	2653.4	2655.8	2675.5	2698.6	2744.0	2833.2
50°	2427.7	2427.7	2421.3	2421.0	2414.9	2414.5	2409.5	2417.3	2428.1	2456.2	2484.8
52.5°	2240.0	2239.3	2232.4	2231.0	2224.7	2224.3	2219.9	2223.0	2224.5	2238.6	2255.7
55°	2093.2	2088.9	2079.8	2076.9	2074.4	2078.1	2076.4	2076.5	2074.7	2080.7	2085.7
57.5°	1988.0	1982.3	1973.7	1971.1	1970.5	1974.9	1975.1	1973.5	1965.6	1960.2	1952.6
60°	1904.7	1898.9	1889.7	1887.3	1888.7	1894.7	1894.4	1889.3	1877.5	1867.2	1855.3
62.5°	1822.9	1820.6	1815.8	1815.2	1814.0	1815.0	1810.7	1805.3	1793.7	1782.7	1769.8
65°	1713.1	1714.3	1710.7	1711.2	1707.0	1706.3	1699.9	1694.7	1682.9	1672.9	1659.7
67.5°	1599.1	1599.9	1597.1	1597.1	1594.8	1595.2	1591.3	1586.5	1576.5	1568.4	1558.1
70°	1505.1	1507.5	1505.8	1506.3	1503.7	1502.6	1496.5	1491.8	1481.6	1474.8	1465.5
72.5°	1392.7	1397.7	1397.5	1398.8	1394.6	1392.7	1385.4	1379.5	1370.2	1364.8	1357.4
75°	1271.2	1277.7	1279.6	1282.5	1276.8	1273.7	1265.8	1261.0	1253.5	1250.3	1245.4
77.5°	1152.6	1159.9	1166.8	1173.2	1163.9	1155.7	1145.7	1138.2	1127.4	1123.1	1115.6
80°	1019.6	1032.4	1047.7	1060.6	1043.9	1027.0	1010.7	998.5	984.1	978.3	968.8
82.5°	845.8	859.0	867.7	876.0	864.4	852.1	836.2	825.6	810.1	804.4	793.4
85°	642.6	659.0	664.2	668.5	661.2	654.6	639.8	619.6	609.9	594.6	586.6
87.5°	422.7	432.5	434.3	435.8	431.3	428.1	418.5	409.0	392.3	380.1	365.3
90°	187.4	192.5	187.2	188.2	183.9	185.8	177.6	175.8	163.5	159.8	149.0
92.5°	42.7	39.9	37.5	35.1	38.2	40.0	43.0	44.8	47.7	49.6	52.6
95°	57.5	54.6	51.9	49.1	51.4	53.5	55.8	58.0	60.2	62.4	64.6
97.5°	78.4	76.6	74.8	72.9	74.2	75.4	76.7	78.0	79.4	80.6	82.0
100°	99.7	98.2	96.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
102.5°	160.0	153.7	147.4	141.2	145.4	149.6	153.9	158.1	162.4	166.6	171.1
105°	301.6	284.4	267.2	250.0	266.6	283.3	299.9	316.6	333.2	350.2	366.8
107.5°	546.9	519.8	492.6	465.4	496.0	526.3	556.6	586.9	617.3	647.6	678.2
110°	817.3	791.3	765.5	739.6	771.8	803.9	836.1	868.2	900.7	932.8	965.3



TEST NUMBER: P1444630
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL30

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	998.2	985.6	973.0	960.5	981.2	1001.9	1022.6	1043.7	1064.4	1085.3	1105.9
115°	1045.8	1045.0	1044.4	1043.6	1053.4	1063.2	1072.9	1083.0	1092.9	1102.7	1112.8
117.5°	989.4	996.2	1003.2	1010.3	1013.4	1016.6	1019.9	1023.0	1026.5	1029.8	1033.3
120°	888.1	897.0	906.4	915.9	914.6	913.3	912.2	911.0	910.1	909.0	908.4
122.5°	769.6	778.7	788.1	797.3	794.6	791.7	789.2	786.6	784.3	781.9	779.6
125°	659.7	667.2	674.9	682.8	680.0	677.2	674.5	672.3	669.8	667.4	665.5
127.5°	573.3	577.9	582.4	587.2	585.9	584.7	583.8	582.7	581.9	581.3	580.8
130°	515.2	517.1	519.3	521.2	521.6	522.0	522.8	523.5	524.5	525.4	526.8
132.5°	482.5	482.4	482.8	483.1	484.6	486.0	488.0	489.8	492.1	494.1	496.9
135°	465.1	464.2	463.5	463.0	465.3	467.3	469.8	472.4	475.4	478.5	481.7
137.5°	458.8	457.3	456.6	455.3	457.5	459.7	462.3	464.9	467.7	470.8	474.2
140°	458.2	457.1	456.4	455.3	457.5	459.5	462.2	464.6	467.6	470.6	473.9
142.5°	458.5	457.2	456.5	455.7	457.4	459.5	462.0	464.2	467.0	469.5	472.5
145°	463.4	462.4	461.9	461.2	462.5	463.9	465.6	467.4	469.4	471.3	473.8
147.5°	464.9	464.2	463.9	463.3	464.4	465.4	466.7	467.8	469.4	470.8	472.7
150°	464.6	463.9	463.6	463.4	464.1	464.6	465.6	466.1	467.2	468.1	469.5
152.5°	460.5	459.8	459.9	459.6	460.0	460.5	461.3	461.9	462.8	463.4	464.8
155°	458.2	457.7	457.3	456.8	456.8	456.9	457.2	457.3	457.7	458.0	458.4
157.5°	458.1	457.5	457.2	456.5	456.4	456.1	456.1	456.0	456.1	455.7	455.9
160°	458.0	457.0	456.3	455.6	455.6	455.3	455.5	455.2	455.4	455.5	455.6
162.5°	461.0	460.3	459.8	459.1	458.8	458.1	457.7	457.2	456.8	456.5	456.3
165°	463.5	462.8	462.0	461.0	460.8	460.5	460.2	459.9	459.7	459.3	459.4
167.5°	469.3	468.3	467.6	466.7	466.2	465.3	464.9	464.2	463.8	463.2	463.0
170°	472.6	471.7	471.2	470.5	470.1	469.6	469.4	468.9	468.7	468.6	468.6
172.5°	478.9	478.1	477.6	477.1	476.7	476.4	476.2	476.0	475.7	475.7	475.5
175°	483.1	482.8	482.6	482.3	481.9	481.7	481.3	481.1	481.0	480.7	480.5
177.5°	485.5	485.2	485.0	484.9	484.7	484.7	484.7	484.7	484.7	484.5	484.4
180°	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0



TEST NUMBER: P1444630
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL30

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2
2.5°	45534.3	45522.3	45490.8	45475.3	45446.1	45431.4	45408.7	45393.9	45375.6	45361.9	45354.8
5°	46795.8	46737.7	46621.0	46549.1	46423.2	46340.2	46215.0	46123.3	45994.0	45898.7	45776.6
7.5°	48437.3	48347.9	48198.4	48085.1	47908.9	47774.1	47576.3	47418.0	47199.5	47018.0	46794.7
10°	49105.6	49053.4	48986.3	48913.4	48815.8	48719.9	48584.9	48447.3	48263.8	48081.3	47842.8
12.5°	48117.9	48166.9	48263.8	48308.9	48383.0	48408.2	48442.0	48426.1	48396.2	48321.6	48213.5
15°	45320.6	45525.5	45849.3	46073.3	46387.2	46607.6	46899.3	47087.0	47303.2	47432.4	47555.1
17.5°	40719.2	41115.5	41686.9	42142.8	42754.8	43252.5	43862.2	44341.1	44894.3	45318.6	45770.2
20°	34825.4	35380.5	36169.3	36839.3	37726.1	38478.1	39441.5	40248.6	41190.1	41974.8	42821.8
22.5°	28482.1	29135.1	30039.0	30847.0	31906.0	32851.9	34059.0	35126.1	36398.8	37539.0	38800.3
25°	22498.0	23138.0	24058.7	24895.4	26038.6	27080.6	28399.3	29623.6	31100.5	32477.8	34059.0
27.5°	17366.3	17934.7	18744.1	19497.2	20544.3	21567.2	22905.6	24211.0	25787.0	27267.2	28971.1
30°	13411.7	13872.8	14521.3	15127.2	15967.7	16804.3	17996.4	19203.7	20771.9	22305.8	24052.8
32.5°	10393.7	10786.8	11328.2	11820.1	12467.7	13098.5	13976.3	14941.1	16316.7	17785.9	19475.1
35°	8045.8	8382.2	8843.0	9266.6	9799.3	10300.1	10955.2	11643.7	12693.5	13929.3	15441.0
37.5°	6414.6	6551.7	6880.6	7227.7	7670.1	8081.6	8594.1	9103.2	9854.2	10829.3	12064.2
40°	4878.2	5096.0	5363.6	5637.0	5972.0	6302.1	6864.3	7134.9	7629.5	8329.4	9287.9
42.5°	3936.1	4089.2	4277.6	4467.7	4701.1	4931.0	5215.4	5505.0	5874.7	6348.8	7030.6
45°	3293.8	3393.7	3515.1	3641.8	3795.0	3951.9	4142.4	4341.2	4591.7	4883.1	5297.1
47.5°	2864.7	2919.9	2999.2	3085.6	3190.7	3299.4	3423.1	3549.9	3705.5	3878.4	4114.2
50°	2529.8	2575.8	2637.4	2695.2	2767.8	2879.1	2928.2	2998.1	3091.7	3193.5	3325.3
52.5°	2287.4	2318.1	2356.7	2390.0	2435.9	2477.5	2532.1	2580.3	2645.2	2706.2	2791.3
55°	2098.6	2109.8	2131.7	2153.2	2184.9	2213.4	2250.8	2282.3	2323.7	2360.2	2413.9
57.5°	1953.0	1953.9	1964.1	1975.2	1995.6	2013.5	2039.3	2060.0	2088.7	2112.0	2144.2
60°	1848.2	1842.7	1844.6	1848.5	1860.0	1871.6	1888.1	1901.7	1919.7	1932.8	1950.9
62.5°	1761.0	1752.2	1750.2	1749.2	1754.9	1759.2	1768.1	1774.7	1785.0	1790.7	1800.3
65°	1650.9	1640.6	1636.6	1631.8	1633.5	1632.2	1635.5	1635.7	1640.9	1642.1	1647.7
67.5°	1551.0	1542.4	1537.2	1530.8	1527.9	1523.3	1521.4	1516.9	1516.2	1512.6	1511.7
70°	1460.0	1451.5	1447.1	1441.2	1438.2	1432.1	1428.4	1421.0	1416.6	1409.7	1405.8
72.5°	1354.6	1349.8	1348.5	1344.4	1343.4	1340.0	1338.6	1333.2	1330.2	1324.3	1321.0
75°	1244.4	1240.5	1240.1	1236.1	1235.8	1231.8	1230.7	1225.2	1222.2	1216.4	1213.9
77.5°	1113.2	1107.4	1105.8	1101.0	1102.2	1100.2	1101.9	1097.7	1095.8	1089.9	1088.1
80°	965.4	958.0	955.0	948.7	950.5	947.5	950.5	950.1	952.2	947.5	946.7
82.5°	790.3	782.3	780.7	776.4	779.2	779.5	785.8	782.4	783.8	779.3	781.2
85°	575.1	569.0	560.6	559.4	554.1	559.6	552.3	557.2	549.3	554.9	547.5
87.5°	356.6	344.1	337.5	328.6	325.1	316.6	313.1	306.8	308.6	305.8	307.5
90°	147.6	138.2	137.7	130.9	132.0	126.3	129.3	125.7	129.4	125.7	129.9
92.5°	54.4	56.8	61.1	66.0	70.1	74.6	78.9	83.8	87.9	92.7	96.8
95°	66.8	69.1	74.9	80.8	86.8	92.7	98.7	104.6	110.6	116.5	122.4
97.5°	83.3	84.6	90.5	96.5	102.4	108.2	114.2	120.5	126.4	132.4	138.3
100°	95.3	95.5	112.3	129.2	146.0	163.0	179.9	196.7	213.7	230.6	247.4
102.5°	175.3	179.6	222.1	264.7	307.3	349.8	392.5	435.2	477.8	520.6	563.3
105°	383.5	400.3	465.2	530.3	595.2	660.2	725.3	790.5	855.6	920.7	985.8
107.5°	708.5	739.1	797.9	856.7	915.3	974.2	1033.2	1092.0	1150.7	1209.7	1268.9
110°	997.4	1029.8	1069.2	1108.7	1148.3	1187.7	1227.3	1266.7	1306.5	1346.0	1385.9



TEST NUMBER: P1444630
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL30

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	1126.8	1147.9	1170.8	1194.1	1217.1	1240.3	1263.5	1286.7	1310.2	1333.4	1356.8
115°	1122.9	1133.2	1141.9	1151.3	1160.4	1169.7	1178.9	1188.5	1198.0	1207.4	1216.8
117.5°	1036.6	1040.4	1041.8	1043.7	1045.2	1047.4	1049.2	1051.3	1053.4	1055.6	1057.3
120°	907.4	906.6	905.5	904.5	903.3	902.4	901.6	900.8	900.2	899.5	898.6
122.5°	777.3	775.3	774.1	773.3	772.6	771.9	771.2	770.8	770.2	769.7	769.0
125°	663.3	661.6	663.3	665.2	667.2	669.2	671.2	673.5	675.7	678.0	680.2
127.5°	580.2	580.1	584.1	588.1	592.3	596.6	600.9	605.3	609.5	614.1	618.1
130°	528.2	529.7	534.7	540.0	545.1	550.5	555.8	561.4	566.5	571.8	577.1
132.5°	499.2	502.2	507.0	512.2	517.1	522.3	527.6	532.8	537.9	543.3	548.2
135°	485.0	488.7	493.2	498.0	502.6	507.6	512.4	517.4	521.8	526.8	531.3
137.5°	477.4	481.0	485.0	488.9	492.6	496.9	500.8	504.9	508.6	512.7	516.5
140°	477.0	480.6	482.9	485.7	488.2	490.7	493.1	496.0	498.2	501.1	503.3
142.5°	475.4	478.9	480.2	482.1	483.9	486.0	487.8	489.7	491.2	492.9	494.5
145°	475.9	478.6	479.1	479.8	480.5	481.3	481.8	482.6	483.0	483.6	484.0
147.5°	474.4	476.3	476.2	476.8	477.0	477.1	477.5	477.7	477.6	478.0	478.1
150°	470.5	472.0	471.6	471.7	471.3	471.3	470.8	470.8	470.3	470.3	469.9
152.5°	465.6	466.8	466.0	466.0	465.3	465.0	464.3	464.2	463.5	463.2	462.9
155°	458.7	459.2	458.8	458.6	458.3	458.1	457.7	457.8	457.7	457.4	457.4
157.5°	456.0	456.0	455.8	455.6	455.2	455.2	455.1	455.1	455.0	455.4	455.5
160°	455.5	455.7	455.3	455.1	454.9	454.7	454.6	454.8	454.8	455.2	455.4
162.5°	455.8	455.6	455.2	455.0	454.9	454.9	454.9	455.2	455.3	455.6	455.9
165°	459.4	459.6	458.9	458.8	458.5	458.3	458.0	458.0	458.2	458.3	458.4
167.5°	462.8	462.6	462.6	462.7	462.7	462.8	463.0	463.7	463.8	464.5	464.7
170°	468.4	468.6	468.3	468.3	468.1	468.0	468.1	468.1	468.2	468.4	468.3
172.5°	475.5	475.5	475.1	474.7	474.4	474.2	473.9	473.8	473.5	473.3	472.9
175°	480.1	479.9	479.7	479.5	479.4	479.0	478.9	478.4	478.2	478.0	477.8
177.5°	484.2	483.8	483.7	483.7	483.5	483.3	483.3	483.1	483.1	483.1	482.8
180°	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0



TEST NUMBER: P1444630
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL30

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2
2.5°	45345.7	45345.2	45340.8	45342.9	45343.6	45346.9	45350.8	45354.8	45355.6	45358.9	45359.6
5°	45685.1	45572.9	45489.9	45398.7	45330.0	45268.3	45227.1	45194.4	45181.8	45185.0	45192.6
7.5°	46605.3	46373.8	46182.6	45965.4	45784.2	45592.5	45433.4	45282.3	45172.1	45090.0	45044.1
10°	47615.1	47333.1	47063.2	46748.8	46450.6	46132.3	45844.1	45553.9	45311.8	45101.7	44947.3
12.5°	48063.2	47863.9	47630.6	47333.9	47014.8	46647.6	46276.7	45879.2	45509.5	45166.2	44889.4
15°	47588.7	47589.1	47504.1	47361.7	47140.1	46846.6	46493.3	46078.9	45642.7	45197.7	44791.0
17.5°	46082.6	46366.8	46524.8	46624.8	46594.2	46486.0	46261.2	45942.9	45536.3	45062.2	44566.0
20°	43496.2	44166.4	44644.3	45074.0	45314.9	45474.9	45458.9	45329.4	45039.7	44636.7	44119.9
22.5°	39872.9	40997.9	41885.6	42713.4	43293.9	43766.2	43990.7	44085.9	43954.8	43674.0	43188.7
25°	35472.2	37001.8	38307.1	39573.9	40524.2	41340.9	41831.6	42177.4	42204.9	42058.1	41625.2
27.5°	30582.2	32387.7	34039.8	35723.4	37059.7	38233.7	39004.0	39567.8	39747.0	39723.3	39330.2
30°	25698.4	27593.9	29414.9	31378.1	33031.7	34531.6	35549.1	36311.7	36605.5	36661.8	36283.7
32.5°	21086.2	22955.3	24771.3	26823.8	28643.4	30362.4	31564.6	32470.4	32812.0	32892.6	32477.8
35°	16900.3	18624.7	20350.5	22339.7	24148.9	25929.0	27195.8	28144.0	28463.1	28516.9	28036.8
37.5°	13270.4	14739.6	16243.3	18028.1	19689.7	21361.4	22565.0	23456.2	23688.6	23674.3	23130.9
40°	10214.0	11356.2	12564.5	14033.9	15415.2	16828.5	17844.9	18581.6	18703.7	18613.2	18042.3
42.5°	7680.3	8505.4	9381.3	10478.2	11503.1	12560.8	13300.2	13847.2	13864.6	13721.5	13209.1
45°	5721.9	6526.7	6894.1	7557.3	8217.4	8920.8	9372.2	9710.0	9657.8	9531.9	9142.6
47.5°	4361.9	4671.2	4999.3	5410.5	5795.1	6593.2	6534.0	7076.5	6685.8	6952.3	6365.7
50°	3463.8	3636.7	3813.5	4031.7	4232.5	4441.2	4571.6	4668.9	4656.3	4614.4	4502.1
52.5°	2946.8	3000.4	3087.4	3211.5	3323.6	3436.5	3510.7	3571.1	3572.3	3555.4	3498.6
55°	2463.0	2530.7	2593.3	2674.4	2812.7	2833.9	2940.3	2918.7	2927.1	2897.6	2927.8
57.5°	2171.5	2211.0	2246.3	2294.5	2334.5	2381.0	2408.5	2435.0	2432.4	2426.7	2397.7
60°	1965.0	1986.9	2006.4	2034.6	2056.5	2082.8	2095.5	2109.0	2104.5	2094.8	2069.0
62.5°	1805.8	1819.6	1830.7	1848.8	1862.2	1878.6	1885.1	1890.9	1885.1	1875.9	1853.1
65°	1648.9	1657.6	1664.7	1678.3	1687.8	1701.8	1707.4	1712.8	1707.5	1700.3	1682.9
67.5°	1507.2	1508.0	1507.3	1512.9	1515.8	1524.2	1526.8	1530.6	1524.5	1518.3	1503.7
70°	1399.7	1397.5	1394.8	1397.0	1397.5	1401.6	1402.3	1401.6	1394.3	1383.5	1367.5
72.5°	1315.8	1314.6	1312.5	1314.4	1314.4	1318.1	1316.9	1315.1	1306.1	1295.6	1279.8
75°	1207.8	1206.9	1202.9	1203.1	1199.7	1200.8	1196.5	1194.0	1184.0	1175.2	1161.1
77.5°	1081.5	1079.4	1073.5	1071.4	1064.9	1062.2	1054.0	1050.0	1039.8	1032.8	1020.6
80°	940.4	938.3	930.7	926.5	916.4	909.9	897.8	890.8	879.2	872.4	860.5
82.5°	777.4	778.2	770.6	765.4	750.9	739.8	723.5	714.8	701.9	695.3	683.1
85°	552.8	545.0	549.2	548.8	539.8	530.1	517.0	507.6	496.8	490.5	481.9
87.5°	303.2	305.1	302.9	301.1	294.7	289.8	279.5	274.1	266.2	262.3	255.9
90°	119.9	117.8	108.3	106.4	97.2	92.5	82.0	78.5	68.8	66.8	60.4
92.5°	91.7	86.7	82.1	76.7	72.2	67.2	62.2	57.2	52.2	50.1	48.8
95°	115.2	108.1	101.0	93.7	86.5	79.3	72.3	65.0	57.9	56.4	54.9
97.5°	130.0	121.5	113.0	104.5	96.1	87.5	79.2	70.7	62.2	61.3	60.3
100°	228.0	208.6	189.0	169.4	149.9	130.3	110.9	91.4	71.9	70.8	69.6
102.5°	515.8	468.4	421.1	373.8	326.5	279.0	231.7	184.2	136.8	130.0	123.2
105°	914.0	842.2	770.8	699.1	627.3	555.5	484.0	412.0	340.3	317.3	294.1
107.5°	1201.5	1134.0	1066.9	999.5	932.0	864.8	797.3	729.8	662.3	621.8	581.3
110°	1332.4	1278.9	1225.9	1172.3	1119.0	1065.6	1012.1	958.6	905.2	870.2	835.6



TEST NUMBER: P1444630
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL30

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	1317.8	1278.8	1240.0	1200.8	1161.9	1122.7	1083.8	1044.6	1005.4	984.4	963.2
115°	1193.7	1170.4	1147.1	1123.7	1100.4	1077.1	1053.7	1030.0	1006.4	995.4	984.5
117.5°	1045.9	1034.2	1022.7	1011.0	999.2	987.3	975.6	963.7	951.8	948.2	944.5
120°	895.8	892.7	889.2	886.0	882.8	879.5	876.1	872.7	869.1	870.0	870.8
122.5°	771.2	773.1	775.2	776.7	778.8	780.4	782.5	783.9	785.6	789.1	792.5
125°	684.4	688.3	692.4	696.3	700.3	704.3	708.4	712.1	716.2	719.4	723.2
127.5°	623.1	627.4	632.0	636.3	641.1	645.5	649.9	654.1	658.5	661.8	665.3
130°	581.3	585.1	589.4	593.1	597.2	601.2	605.1	609.1	612.9	615.8	618.5
132.5°	551.9	555.6	559.4	562.8	566.7	570.1	573.9	577.4	581.4	583.4	585.8
135°	534.5	537.1	540.2	542.8	546.0	548.7	551.6	554.7	557.8	559.5	561.5
137.5°	518.9	521.3	523.8	526.1	528.9	531.1	533.9	536.3	539.3	540.3	541.9
140°	505.8	508.2	510.7	513.1	515.9	518.3	521.3	523.8	526.9	528.0	529.5
142.5°	496.5	498.4	500.5	502.4	504.7	506.7	509.1	511.6	514.0	515.3	516.6
145°	486.3	488.4	490.8	492.9	495.2	497.6	500.6	503.2	506.0	507.0	508.1
147.5°	479.8	481.7	483.8	485.7	487.9	489.8	492.4	494.8	497.3	498.3	499.3
150°	472.0	473.8	475.8	477.8	480.0	482.4	485.0	487.4	490.4	491.5	492.6
152.5°	464.9	466.9	469.0	471.4	473.8	476.3	479.0	481.6	484.4	485.3	486.7
155°	459.6	461.4	463.7	466.0	468.4	470.6	473.3	475.8	478.5	479.7	480.9
157.5°	457.4	459.0	461.3	463.3	465.5	467.7	470.2	472.3	474.7	475.8	476.8
160°	457.2	458.8	460.8	462.7	464.7	466.6	468.7	470.7	472.8	473.9	474.8
162.5°	457.6	459.4	461.4	462.9	465.1	467.0	469.2	471.0	473.1	473.9	474.9
165°	459.8	461.3	462.8	464.1	465.6	467.0	468.6	470.1	471.8	472.5	473.7
167.5°	466.2	467.0	468.1	469.1	470.5	471.6	473.1	474.0	475.4	476.3	477.2
170°	469.4	470.2	471.1	472.3	473.3	474.3	475.4	476.2	477.7	478.4	479.3
172.5°	473.6	473.9	474.8	475.3	476.1	476.6	477.5	478.2	478.9	479.8	480.5
175°	478.3	478.5	478.9	479.1	479.4	479.6	480.2	480.7	481.1	481.7	482.2
177.5°	483.0	483.2	483.4	483.6	484.0	484.2	484.6	484.8	485.1	485.7	486.4
180°	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0



TEST NUMBER: P1444630
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL30

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2
2.5°	45358.0	45357.5	45356.0	45354.0	45352.0	45353.2	45355.1	45360.3	45369.5	45382.6	45399.8
5°	45198.9	45208.1	45213.3	45214.0	45209.3	45206.4	45210.7	45223.2	45248.4	45290.6	45347.6
7.5°	45031.9	45043.3	45060.8	45074.0	45076.6	45073.3	45074.0	45093.6	45139.9	45222.0	45337.3
10°	44853.6	44819.7	44837.6	44870.3	44896.2	44900.9	44904.2	44927.3	44995.0	45119.2	45304.3
12.5°	44689.0	44581.7	44561.0	44590.4	44629.9	44642.6	44639.1	44649.0	44728.4	44892.7	45150.5
15°	44472.4	44270.5	44201.5	44209.1	44257.8	44275.4	44262.5	44243.0	44320.4	44521.0	44854.8
17.5°	44121.9	43796.4	43669.5	43663.9	43721.0	43736.1	43704.8	43644.1	43720.3	43970.6	44385.0
20°	43589.1	43108.6	42869.8	42831.8	42893.7	42875.7	42813.1	42721.4	42821.5	43125.8	43618.6
22.5°	42631.3	42022.4	41614.4	41482.8	41556.9	41507.5	41416.2	41299.0	41432.1	41777.9	42326.7
25°	41066.1	40362.6	39804.0	39490.6	39549.7	39461.1	39361.8	39219.7	39378.5	39775.3	40379.4
27.5°	38765.5	37952.9	37260.7	36741.9	36761.0	36645.0	36530.5	36346.8	36544.9	37014.6	37696.0
30°	35706.3	34766.1	33923.1	33218.0	33154.9	33042.5	32925.3	32684.0	32932.0	33494.3	34290.6
32.5°	31864.5	30820.6	29846.5	28955.1	28786.9	28677.1	28572.7	28295.1	28619.8	29275.4	30190.2
35°	27371.7	26259.5	25203.6	24185.5	23906.9	23797.1	23705.8	23439.8	23845.0	24558.4	25546.4
37.5°	22440.2	21304.0	20255.7	19211.7	18818.0	18669.1	18602.8	18428.5	18895.9	19601.6	20593.7
40°	17377.5	16321.1	15381.2	14459.0	14010.2	13782.4	13747.7	13715.9	14167.8	14780.0	15680.5
42.5°	12641.4	11789.2	11064.4	10359.6	9952.9	9641.8	9641.6	9736.0	10142.8	10601.4	11295.8
45°	8744.4	8172.6	7710.7	7239.8	7365.6	6745.3	7109.8	6922.7	7123.8	7419.4	7871.0
47.5°	6011.0	5698.8	5445.1	5182.0	4990.2	4807.1	4823.1	4941.2	5130.5	5306.0	5540.9
50°	4381.0	4221.9	4092.8	3956.1	3860.6	3779.9	3784.6	3835.7	3935.2	4027.6	4150.6
52.5°	3432.8	3345.1	3274.9	3199.4	3149.3	3109.1	3111.3	3136.1	3189.9	3242.7	3313.2
55°	2829.5	2818.8	2727.6	2659.8	2634.0	2607.0	2611.9	2621.7	2658.2	2689.2	2735.8
57.5°	2371.0	2330.1	2302.8	2267.0	2250.6	2231.7	2236.0	2239.7	2264.2	2284.9	2318.5
60°	2047.4	2018.4	1999.0	1974.7	1963.9	1951.9	1954.6	1956.8	1972.5	1986.0	2010.1
62.5°	1832.3	1806.4	1789.5	1770.8	1763.2	1755.1	1757.0	1757.6	1767.4	1777.3	1795.6
65°	1667.4	1646.8	1632.8	1616.6	1608.7	1600.2	1601.1	1601.1	1609.4	1616.6	1630.3
67.5°	1493.0	1477.4	1468.4	1455.5	1450.1	1441.6	1441.4	1438.6	1444.0	1447.0	1456.2
70°	1353.0	1337.4	1325.7	1313.4	1306.6	1299.1	1299.2	1299.4	1305.6	1312.2	1324.2
72.5°	1266.5	1251.5	1241.2	1230.4	1224.0	1217.5	1216.4	1215.8	1220.3	1223.8	1231.8
75°	1151.9	1140.0	1133.9	1123.8	1118.7	1111.4	1110.3	1106.9	1109.1	1109.8	1115.7
77.5°	1013.0	1001.7	996.8	986.5	982.3	974.0	973.3	969.6	971.4	970.1	974.7
80°	854.6	844.4	841.6	833.2	831.2	823.5	822.4	817.8	819.2	815.7	817.4
82.5°	677.9	668.4	666.4	658.6	658.6	651.7	651.3	644.5	644.5	638.6	629.1
85°	477.5	470.6	467.7	461.3	459.4	453.9	451.0	444.4	442.0	437.8	436.5
87.5°	252.0	247.6	243.7	240.7	235.2	225.1	224.4	217.4	217.9	213.1	213.4
90°	59.0	53.2	52.2	46.8	45.3	41.5	40.4	40.5	41.4	41.7	42.8
92.5°	47.1	45.5	43.9	42.2	40.6	38.9	37.2	38.9	40.6	42.2	43.9
95°	53.4	52.0	50.5	49.0	47.5	46.1	44.6	46.1	47.5	49.1	50.6
97.5°	59.4	58.4	57.6	56.6	55.7	54.7	53.8	54.9	55.9	56.8	57.8
100°	68.6	67.5	66.3	65.2	64.1	63.0	61.9	63.3	64.4	65.5	66.6
102.5°	116.5	109.6	102.8	96.0	89.1	82.3	75.4	82.3	89.1	96.1	102.9
105°	271.0	248.1	224.9	201.9	178.8	155.6	132.5	155.8	179.0	202.1	225.2
107.5°	540.5	500.2	459.5	419.0	378.1	337.6	296.9	337.8	378.5	419.2	459.9
110°	800.5	765.4	730.5	695.6	660.4	625.5	590.3	625.6	660.7	695.8	731.0



TEST NUMBER: P1444630
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL30

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	942.0	920.9	899.6	878.5	857.1	835.9	814.5	836.2	857.7	879.3	900.6
115°	973.6	962.4	951.4	940.3	929.1	917.9	906.4	918.4	929.9	941.3	952.8
117.5°	940.7	937.2	933.4	929.6	925.7	921.9	917.8	922.3	926.6	931.1	935.0
120°	871.4	872.4	873.0	873.5	874.2	874.7	875.0	875.4	875.4	875.4	875.2
122.5°	795.7	799.2	802.2	805.5	808.5	811.7	814.4	812.3	809.9	807.7	804.9
125°	726.4	730.1	733.5	736.8	740.0	743.3	745.9	744.2	741.8	739.4	736.6
127.5°	668.5	671.8	674.7	678.2	680.9	683.7	686.3	684.7	682.8	680.7	678.3
130°	621.1	624.0	626.4	629.1	631.2	633.4	635.1	634.4	633.1	632.0	630.2
132.5°	587.9	590.3	592.4	594.6	596.0	598.0	599.1	599.1	598.3	597.7	596.4
135°	563.3	565.0	566.5	568.3	569.5	570.8	571.5	572.0	571.8	571.6	570.9
137.5°	543.1	544.6	545.6	546.5	547.4	548.0	548.3	549.2	549.6	550.2	550.1
140°	530.6	532.1	533.4	534.3	535.2	536.1	536.2	537.3	537.6	538.0	537.9
142.5°	518.0	519.2	520.4	521.5	522.3	523.1	523.4	524.2	524.6	524.9	524.9
145°	509.2	510.1	511.2	512.1	512.6	513.0	512.9	514.2	514.7	515.3	515.7
147.5°	500.3	501.4	502.0	502.8	503.2	503.7	503.8	504.8	505.4	506.0	506.5
150°	494.0	495.2	496.2	497.2	498.0	498.7	498.8	499.7	500.1	500.4	500.5
152.5°	487.7	488.7	489.8	490.5	491.3	491.8	492.1	492.9	493.6	494.1	494.3
155°	482.0	483.2	484.2	485.1	485.8	486.7	487.4	488.1	488.6	488.9	489.3
157.5°	477.8	479.0	479.8	480.8	481.5	482.5	483.2	484.1	484.6	485.2	485.5
160°	475.7	476.9	477.6	478.6	479.4	480.2	480.9	481.7	482.4	482.9	483.6
162.5°	475.7	476.8	477.3	478.3	479.2	479.9	480.6	481.5	482.2	482.8	483.4
165°	474.7	475.8	476.5	477.6	478.7	479.6	480.3	481.0	481.3	481.8	482.1
167.5°	478.1	479.2	479.7	480.7	481.4	482.5	483.4	483.9	484.2	484.5	484.8
170°	479.9	480.8	481.6	482.3	483.2	484.1	484.6	484.9	485.2	485.5	485.8
172.5°	481.1	482.2	483.0	484.1	484.7	485.5	486.3	486.5	486.5	486.5	486.3
175°	482.7	483.6	484.2	484.9	485.3	486.0	486.8	486.6	486.7	486.6	486.5
177.5°	487.1	488.1	488.8	489.4	490.1	490.5	491.3	490.7	490.5	490.0	489.4
180°	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0



TEST NUMBER: P1444630
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL30

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2
2.5°	45424.2	45446.9	45481.7	45513.2	45560.6	45598.1	45654.2	45696.9	45760.3	45801.5	45870.4
5°	45428.2	45517.1	45634.0	45748.0	45885.1	46009.5	46164.2	46296.0	46451.5	46578.3	46737.3
7.5°	45492.5	45663.8	45869.3	46076.2	46310.3	46529.3	46776.0	46999.3	47243.4	47449.9	47675.6
10°	45539.8	45804.1	46106.9	46411.5	46732.1	47030.0	47330.7	47590.6	47833.5	48033.3	48209.9
12.5°	45475.6	45839.7	46228.2	46603.2	46959.8	47268.1	47526.9	47726.8	47864.7	47958.3	47980.2
15°	45257.2	45695.4	46117.7	46491.2	46787.1	47015.3	47133.4	47188.7	47129.3	47030.8	46814.2
17.5°	44849.2	45311.3	45688.9	45983.6	46140.0	46201.9	46104.0	45933.8	45601.2	45232.1	44698.9
20°	44101.2	44531.8	44805.7	44966.4	44924.6	44769.9	44400.6	43951.6	43287.5	42579.8	41646.0
22.5°	42789.1	43165.5	43311.5	43323.5	43068.3	42681.0	42014.8	41244.7	40197.1	39108.0	37768.7
25°	40819.7	41149.4	41172.5	41042.9	40576.0	39948.4	38970.1	37880.7	36457.2	35006.0	33327.7
27.5°	38148.7	38464.9	38387.5	38145.9	37497.5	36657.7	35405.2	33997.9	32243.0	30529.0	28672.4
30°	34791.1	35129.3	35038.5	34728.5	33957.3	32964.7	31491.0	29856.0	27907.5	26076.8	24195.5
32.5°	30773.1	31200.7	31137.9	30843.2	30038.6	28976.3	27377.3	25643.1	23649.6	21845.7	20015.5
35°	26206.1	26725.2	26752.1	26559.4	25812.4	24762.5	23183.4	21504.9	19595.6	17893.4	16202.7
37.5°	21285.7	21887.5	22011.1	21959.1	21340.0	20413.2	18974.5	17468.7	15777.2	14285.4	12839.5
40°	16337.9	16947.2	17158.5	17221.3	16764.4	16046.5	14865.7	13650.3	12271.4	11062.5	9914.4
42.5°	11825.9	12366.0	12570.2	12698.8	12413.5	11934.9	11073.5	10190.9	9180.7	8308.8	7472.9
45°	8213.3	8595.3	8750.7	8880.1	8724.7	8454.7	7910.8	7358.7	6691.9	6122.1	5582.7
47.5°	5742.4	5953.1	6055.6	6118.4	6058.2	5917.3	5621.4	5301.6	4925.1	4592.2	4272.0
50°	4256.4	4368.5	4422.1	4458.5	4414.6	4336.3	4176.1	4002.0	3795.2	3606.6	3422.4
52.5°	3373.0	3437.4	3469.2	3488.8	3463.6	3415.8	3322.5	3219.2	3095.3	2978.8	2917.6
55°	2841.6	2838.3	2912.0	2876.4	2912.0	2832.5	2815.8	2702.3	2599.4	2526.9	2448.4
57.5°	2343.4	2376.8	2391.0	2406.8	2396.6	2382.0	2342.3	2301.8	2247.5	2202.1	2153.6
60°	2028.5	2056.0	2071.5	2087.2	2086.2	2080.8	2057.9	2033.5	1999.6	1972.5	1943.1
62.5°	1811.6	1835.4	1850.7	1865.7	1867.1	1864.9	1847.6	1830.7	1807.6	1790.5	1770.3
65°	1640.9	1657.6	1668.1	1680.1	1679.4	1676.2	1660.4	1646.5	1627.4	1615.7	1600.8
67.5°	1462.3	1475.0	1483.0	1494.3	1496.5	1497.2	1488.6	1482.1	1472.7	1469.4	1464.3
70°	1335.3	1350.6	1363.6	1377.9	1385.7	1389.4	1385.7	1382.4	1377.0	1374.6	1370.7
72.5°	1239.1	1252.1	1262.2	1275.3	1282.5	1287.8	1284.9	1283.1	1278.3	1277.6	1274.9
75°	1119.8	1128.7	1134.4	1144.2	1148.1	1153.0	1150.7	1151.9	1150.4	1154.2	1154.0
77.5°	976.2	982.8	985.5	992.6	993.3	999.2	1000.5	1007.4	1012.3	1023.1	1028.8
80°	814.6	818.8	818.8	826.1	829.3	839.3	844.0	855.3	860.5	870.1	871.0
82.5°	632.8	628.0	632.8	629.7	639.1	650.2	651.7	661.4	663.5	669.6	664.9
85°	432.6	432.3	428.4	429.1	426.2	427.6	425.9	427.7	426.0	426.2	421.8
87.5°	207.3	209.1	204.6	206.1	201.8	203.7	199.9	202.9	198.3	199.0	192.2
90°	43.4	44.4	45.1	46.2	47.8	50.7	53.8	56.8	60.5	63.3	66.6
92.5°	45.5	47.3	49.0	50.7	52.4	57.4	62.4	67.4	72.5	77.3	82.3
95°	52.1	53.5	55.0	56.9	58.3	65.5	72.8	80.0	87.2	94.4	101.7
97.5°	58.9	59.9	60.8	61.8	62.9	71.4	79.9	88.4	97.0	105.4	113.7
100°	68.0	69.1	70.1	71.5	72.6	92.2	111.8	131.4	151.0	170.4	190.0
102.5°	109.9	116.8	123.7	130.7	137.6	185.2	232.7	280.1	327.4	374.9	422.3
105°	248.4	271.5	295.0	318.2	341.2	413.1	485.1	557.1	628.6	700.5	772.4
107.5°	500.7	541.3	582.3	623.0	663.6	731.3	798.8	866.4	934.0	1001.5	1068.7
110°	766.5	801.2	836.8	871.9	907.0	960.5	1014.3	1067.7	1121.4	1174.9	1228.3



TEST NUMBER: P1444630
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL30

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	922.3	943.5	964.9	986.1	1007.5	1046.8	1086.4	1125.6	1165.0	1203.9	1243.1
115°	964.3	975.3	986.7	997.9	1009.4	1033.1	1056.5	1080.2	1104.0	1127.3	1151.0
117.5°	939.2	943.2	947.3	950.9	955.0	967.1	979.1	991.2	1003.3	1015.3	1027.3
120°	875.0	874.5	874.2	873.5	873.1	876.6	880.4	884.0	887.7	891.0	894.4
122.5°	802.4	799.3	796.5	793.4	790.5	788.8	787.4	785.6	784.4	782.6	781.1
125°	733.9	730.8	727.9	724.6	721.4	717.8	714.2	710.3	706.6	702.8	699.0
127.5°	676.2	673.3	670.7	667.8	664.8	660.5	656.4	652.0	648.0	643.4	639.3
130°	628.7	626.5	624.6	622.0	620.1	616.0	612.5	608.6	604.9	601.1	597.3
132.5°	595.5	593.8	592.4	590.3	588.8	585.1	582.2	578.4	574.9	571.5	568.1
135°	570.4	569.4	568.5	567.2	565.9	562.9	560.5	557.6	555.0	552.2	549.6
137.5°	550.2	549.5	549.0	548.4	547.7	545.3	543.1	540.6	538.6	536.0	534.0
140°	537.9	537.4	537.1	536.4	535.8	533.4	531.0	528.6	526.3	523.8	521.5
142.5°	524.8	524.5	524.1	523.6	523.1	521.0	519.4	517.5	515.5	513.6	511.8
145°	515.7	515.6	515.7	515.2	515.3	512.9	511.0	508.6	506.9	504.6	502.6
147.5°	506.8	506.7	507.0	506.8	507.0	505.1	503.5	501.6	500.2	498.2	496.7
150°	500.6	500.6	500.6	500.3	500.2	498.3	496.9	495.0	493.6	491.6	490.2
152.5°	494.4	494.6	494.8	494.8	495.0	493.4	491.7	490.0	488.3	486.3	484.8
155°	489.6	489.8	489.9	489.9	489.9	488.4	486.9	485.3	483.9	482.2	480.7
157.5°	485.9	486.2	486.5	486.7	486.9	485.6	484.4	483.0	481.7	480.2	479.0
160°	484.0	484.5	484.8	485.0	485.3	484.3	483.4	482.0	481.2	479.7	478.5
162.5°	483.9	484.4	484.7	484.9	485.1	484.1	483.4	482.2	481.1	479.6	478.6
165°	482.7	482.7	483.0	483.0	483.1	482.4	481.8	481.1	480.3	479.5	478.7
167.5°	485.1	485.1	485.4	485.4	485.5	485.0	485.0	484.3	483.7	483.2	482.6
170°	486.0	486.2	486.3	486.3	486.4	485.8	485.5	485.0	484.7	483.9	483.3
172.5°	486.4	486.2	486.2	486.2	486.0	485.6	485.3	485.0	484.9	484.5	484.1
175°	486.3	486.0	486.1	485.9	485.6	485.6	485.4	485.4	485.2	485.1	485.0
177.5°	489.3	488.9	488.3	487.9	487.5	487.3	487.3	487.1	487.2	487.1	486.9
180°	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0



TEST NUMBER: P1444630
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL30

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2
2.5°	45913.1	45629.6	45592.2	45612.0	45659.4	45676.9	45728.1	45742.1	45793.5	45806.2	45855.6
5°	46860.5	46485.7	46504.4	46594.5	46730.9	46812.2	46946.3	47016.5	47144.5	47202.7	47318.4
7.5°	47859.5	47565.2	47656.9	47808.9	47995.4	48124.6	48285.7	48390.6	48529.4	48615.6	48726.7
10°	48349.9	48269.3	48370.3	48489.9	48596.4	48679.7	48747.9	48802.6	48838.4	48871.9	48886.6
12.5°	47976.6	48101.5	48118.7	48107.1	48036.6	47982.7	47861.8	47779.7	47633.8	47544.9	47371.4
15°	46593.0	46867.4	46715.4	46485.3	46148.7	45868.1	45471.7	45176.6	44763.8	44483.9	44069.6
17.5°	44164.6	44511.0	44115.0	43582.7	42905.5	42326.2	41604.8	41032.1	40314.9	39793.2	39123.8
20°	40746.0	41069.7	40363.4	39481.0	38433.4	37551.8	36512.2	35682.7	34716.6	33997.9	33130.7
22.5°	36489.4	36720.0	35725.1	34535.4	33200.8	32099.5	30856.4	29862.1	28759.4	27937.9	27013.1
25°	31780.3	31842.6	30649.2	29278.6	27791.2	26553.3	25226.3	24180.7	23056.3	22223.7	21316.0
27.5°	27027.5	26936.2	25646.3	24193.1	22628.5	21341.9	20047.5	19067.8	18083.0	17332.9	16551.0
30°	22541.4	22320.4	20981.1	19487.4	17968.6	16815.4	15740.9	14954.1	14170.6	13575.7	12948.0
32.5°	18427.5	18115.9	16812.1	15412.7	14132.9	13243.1	12446.3	11850.9	11218.2	10715.6	10188.9
35°	14783.8	14451.7	13296.7	12110.3	11141.7	10485.7	9859.5	9371.0	8833.8	8409.9	7952.4
37.5°	11656.6	11384.4	10417.0	9483.4	8750.7	8242.4	7729.3	7330.1	6886.2	6699.6	6210.8
40°	8998.8	8808.6	8052.1	7363.9	6813.8	6575.0	6054.2	5681.2	5349.5	5075.9	4810.9
42.5°	7019.3	6951.9	6215.8	5679.0	5291.6	4990.8	4700.5	4464.8	4235.5	4046.9	3868.8
45°	5151.1	5097.8	4770.9	4461.1	4197.2	3986.9	3790.7	3628.6	3478.6	3354.4	3241.3
47.5°	4011.1	3994.1	3805.8	3613.8	3447.5	3312.3	3185.0	3077.4	2977.9	2894.9	2868.0
50°	3262.4	3260.3	3149.8	3031.2	2912.8	2834.7	2753.4	2689.9	2625.9	2576.1	2523.6
52.5°	2772.0	2760.0	2685.5	2612.3	2541.9	2490.7	2438.7	2398.0	2355.7	2325.1	2292.2
55°	2386.4	2399.0	2355.9	2312.2	2268.2	2236.3	2199.9	2173.1	2144.0	2124.7	2104.9
57.5°	2118.6	2135.3	2112.7	2087.8	2061.0	2040.1	2015.0	1996.5	1977.0	1964.8	1953.3
60°	1923.8	1942.0	1932.8	1920.4	1903.9	1891.4	1875.4	1865.1	1852.6	1845.7	1839.2
62.5°	1758.5	1781.3	1778.0	1772.1	1761.5	1754.5	1745.8	1741.3	1733.0	1730.0	1726.9
65°	1593.6	1619.2	1618.7	1615.7	1609.9	1607.9	1602.5	1601.4	1597.2	1599.0	1598.6
67.5°	1463.8	1486.1	1491.0	1494.5	1494.3	1495.7	1495.2	1497.4	1497.4	1500.6	1502.6
70°	1370.2	1385.7	1389.4	1393.2	1394.1	1397.2	1397.2	1399.1	1398.6	1401.2	1401.6
72.5°	1275.6	1296.0	1299.8	1302.8	1302.8	1305.6	1304.1	1303.6	1299.6	1298.7	1295.8
75°	1157.9	1184.0	1189.7	1193.5	1194.0	1196.5	1193.0	1190.7	1184.0	1181.3	1176.6
77.5°	1034.9	1062.0	1066.1	1067.4	1065.3	1065.8	1058.4	1053.3	1044.7	1041.1	1036.6
80°	874.8	914.8	918.0	915.5	909.3	908.2	900.9	896.2	886.0	882.5	878.5
82.5°	665.7	712.6	719.2	722.1	717.0	718.1	711.3	708.5	699.1	697.4	691.1
85°	420.3	467.2	474.9	473.8	468.7	467.6	463.4	464.8	464.0	466.5	467.9
87.5°	193.1	238.5	249.5	245.9	245.4	242.2	235.0	237.6	242.0	244.9	245.1
90°	69.7	86.5	89.4	88.0	82.1	80.1	74.6	73.2	68.5	67.0	62.4
92.5°	87.3	92.3	97.3	92.9	88.5	84.0	79.6	74.9	70.7	66.0	61.8
95°	108.8	115.7	122.9	117.0	111.0	105.0	99.1	93.2	87.3	81.3	75.4
97.5°	122.3	130.4	138.8	132.9	126.9	120.8	114.9	108.9	103.0	97.0	91.1
100°	209.6	228.5	247.9	231.1	214.1	197.3	180.5	163.5	146.7	129.9	112.8
102.5°	469.6	516.6	563.8	521.1	478.5	435.7	393.2	350.5	307.9	265.1	222.6
105°	843.9	915.1	986.6	921.2	856.1	791.1	726.0	660.9	595.8	530.6	465.7
107.5°	1136.2	1202.5	1269.5	1210.6	1151.6	1092.9	1033.7	974.9	915.9	857.0	798.2
110°	1281.8	1333.7	1386.9	1347.0	1307.5	1267.6	1228.1	1188.3	1148.8	1109.4	1069.9



TEST NUMBER: P1444630
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL30

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	1282.2	1319.4	1358.0	1334.3	1311.1	1287.7	1264.5	1241.0	1218.0	1194.5	1171.7
115°	1174.2	1195.3	1218.2	1208.6	1199.2	1189.6	1180.1	1170.9	1161.3	1152.0	1143.0
117.5°	1039.2	1048.2	1059.2	1056.9	1055.0	1052.7	1050.7	1048.6	1046.8	1044.8	1043.0
120°	897.9	898.2	900.7	901.3	902.1	902.6	903.5	904.1	905.0	905.9	906.8
122.5°	779.2	774.2	771.4	771.9	772.5	772.7	773.3	773.9	774.5	775.1	776.0
125°	695.2	687.5	682.6	680.3	678.3	675.9	673.7	671.4	669.5	667.5	665.6
127.5°	634.9	626.6	621.2	617.0	612.6	608.1	603.9	599.5	595.4	590.8	586.9
130°	593.6	585.3	580.4	575.0	570.0	564.4	559.3	554.0	548.6	543.4	538.2
132.5°	564.6	556.5	551.8	546.8	541.9	536.6	531.8	526.4	521.3	516.0	511.2
135°	546.7	539.2	535.3	530.5	526.2	521.4	516.7	511.9	507.3	502.4	498.1
137.5°	531.5	523.9	520.7	516.8	513.1	509.3	505.7	501.6	497.8	493.6	490.0
140°	519.0	511.2	507.6	505.4	503.2	500.7	498.4	495.9	493.6	491.1	488.6
142.5°	509.9	502.1	499.1	497.4	496.1	494.4	493.2	491.4	490.0	487.8	486.3
145°	500.6	492.0	488.7	488.1	488.0	487.4	487.0	486.5	486.1	485.3	485.0
147.5°	494.9	486.0	482.8	482.9	482.9	482.6	482.9	482.5	482.8	482.5	482.5
150°	488.1	478.3	474.4	474.9	475.0	475.5	475.9	476.1	476.7	477.0	477.3
152.5°	482.8	471.0	466.7	467.1	467.8	468.1	468.5	469.2	469.9	470.5	471.0
155°	478.8	466.0	461.3	461.2	461.4	461.6	461.8	462.2	462.6	462.8	463.4
157.5°	477.3	463.8	459.3	458.9	458.9	458.9	458.9	459.0	459.2	459.4	460.0
160°	477.2	463.7	459.2	458.8	458.8	458.6	458.5	458.4	458.6	458.8	459.2
162.5°	477.1	464.0	459.8	459.3	458.9	458.7	458.7	458.4	458.6	458.5	458.9
165°	477.7	466.1	462.2	461.9	462.0	461.8	461.8	461.9	462.1	462.2	462.6
167.5°	481.6	471.4	468.3	467.8	467.3	466.8	466.8	466.1	466.1	465.7	465.7
170°	482.5	474.4	471.7	471.5	471.7	471.6	471.4	471.4	471.4	471.3	471.5
172.5°	483.6	477.7	475.5	475.8	476.2	476.3	476.7	476.9	477.3	477.6	478.0
175°	484.8	481.1	480.2	480.1	480.3	480.5	480.7	480.8	481.0	481.2	481.7
177.5°	486.9	485.8	485.3	485.3	485.3	485.3	485.3	485.3	485.3	485.5	485.5
180°	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0



TEST NUMBER: P1444630
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL30

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2
2.5°	45864.8	45918.3	45914.3	45964.2	45961.7	46008.7	45999.3	46039.9	46030.7	46065.4	46045.0
5°	47369.3	47471.1	47504.6	47596.3	47615.4	47697.6	47699.2	47764.5	47756.6	47807.7	47780.5
7.5°	48792.5	48887.4	48932.5	49003.8	49039.5	49098.4	49121.6	49170.1	49181.8	49210.5	49209.6
10°	48912.6	48912.3	48934.6	48924.5	48944.5	48933.0	48957.3	48948.5	48984.5	48975.1	49002.3
12.5°	47296.5	47136.1	47077.6	46933.5	46901.9	46778.4	46787.1	46707.8	46746.1	46697.4	46780.3
15°	43823.2	43451.1	43267.3	42943.8	42842.3	42586.6	42565.9	42396.0	42441.9	42353.0	42482.9
17.5°	38690.7	38104.8	37783.4	37311.0	37123.4	36761.8	36689.3	36470.7	36504.6	36394.5	36551.4
20°	32571.3	31863.3	31457.9	30911.6	30667.9	30236.8	30122.5	29877.9	29908.5	29798.9	29976.4
22.5°	26382.0	25641.1	25183.4	24610.7	24299.5	23894.0	23772.4	23526.7	23540.7	23437.9	23608.5
25°	20694.3	19984.0	19539.7	19019.6	18749.5	18377.7	18249.9	18029.3	18041.8	17956.9	18110.1
27.5°	16008.6	15425.7	15053.9	14618.0	14375.9	14070.4	13945.7	13760.1	13759.7	13697.4	13825.4
30°	12509.8	12023.5	11689.6	11310.0	11082.7	10806.8	10686.4	10520.5	10513.2	10469.0	10570.8
32.5°	9794.9	9362.3	9057.9	8723.7	8519.6	8283.0	8169.0	8035.6	8023.4	7983.5	8067.0
35°	7614.2	7249.9	6988.2	6706.9	6727.6	6378.4	6436.5	6165.3	6091.7	6075.7	6137.8
37.5°	5884.9	5602.8	5390.2	5179.5	5036.7	4889.2	4809.7	4738.4	4730.3	4723.4	4766.9
40°	4606.3	4408.9	4254.1	4109.7	4011.4	3921.4	3871.7	3832.6	3823.2	3818.0	3844.3
42.5°	3728.1	3594.8	3495.1	3406.9	3347.3	3298.4	3271.1	3249.3	3242.0	3242.2	3257.7
45°	3149.8	3068.9	3004.7	2949.9	2911.8	2928.5	2879.3	2905.1	2871.0	2906.3	2883.0
47.5°	2773.9	2705.0	2665.2	2626.4	2603.3	2584.8	2585.5	2585.7	2593.0	2594.2	2601.8
50°	2483.7	2443.9	2416.2	2391.5	2379.5	2369.7	2373.1	2375.6	2382.7	2383.2	2388.8
52.5°	2269.1	2242.8	2226.1	2210.8	2205.4	2199.9	2202.3	2201.2	2204.4	2202.8	2207.3
55°	2094.3	2081.9	2076.7	2071.0	2071.8	2070.3	2071.3	2065.7	2062.4	2058.2	2062.1
57.5°	1950.9	1949.2	1952.8	1955.1	1961.7	1964.1	1965.6	1959.2	1953.1	1947.6	1950.7
60°	1840.4	1843.1	1851.9	1859.0	1868.5	1872.8	1875.6	1871.8	1867.4	1862.9	1865.5
62.5°	1731.5	1735.7	1746.2	1754.1	1765.5	1771.4	1778.0	1778.4	1780.1	1778.4	1780.2
65°	1604.9	1610.2	1619.7	1626.3	1636.9	1642.1	1648.9	1650.0	1653.8	1652.9	1656.1
67.5°	1508.9	1513.6	1521.5	1527.7	1537.2	1542.6	1548.5	1548.9	1550.1	1549.8	1552.9
70°	1406.3	1408.7	1415.8	1421.0	1430.4	1436.0	1442.8	1444.7	1449.0	1449.6	1453.0
72.5°	1297.0	1296.0	1300.2	1302.6	1309.7	1314.1	1322.6	1327.4	1334.4	1336.3	1338.8
75°	1177.9	1177.0	1182.0	1184.0	1190.1	1194.5	1204.1	1210.4	1221.3	1225.9	1224.7
77.5°	1040.1	1042.5	1051.9	1057.1	1065.3	1070.9	1083.4	1093.3	1113.3	1122.2	1113.2
80°	886.0	888.5	898.3	903.2	913.8	920.6	934.5	946.2	964.2	968.1	963.0
82.5°	696.5	697.2	706.1	709.7	723.5	733.5	751.2	760.5	771.7	769.9	768.6
85°	474.9	481.3	492.3	503.3	520.1	536.3	553.0	566.9	557.1	572.5	555.3
87.5°	253.8	253.1	268.0	265.6	289.3	302.9	317.4	324.3	332.1	330.5	330.7
90°	61.6	58.2	58.6	54.9	56.5	52.5	55.1	51.5	55.0	50.3	57.8
92.5°	57.2	55.0	52.4	50.2	47.5	45.4	42.7	40.4	37.9	35.6	37.9
95°	69.5	67.3	65.1	62.7	60.5	58.2	56.1	53.8	51.7	49.4	52.2
97.5°	85.2	83.9	82.6	81.3	80.1	78.7	77.4	76.1	74.7	73.4	75.2
100°	96.0	96.0	96.0	96.0	95.7	95.7	95.7	95.7	95.7	95.7	97.1
102.5°	179.9	175.6	171.4	166.9	162.7	158.4	154.2	149.9	145.7	141.4	147.7
105°	400.6	384.0	367.2	350.6	333.7	317.1	300.4	283.8	267.1	250.5	267.7
107.5°	739.6	709.1	678.6	648.3	617.8	587.4	557.1	526.8	496.4	466.1	493.3
110°	1030.3	998.0	965.7	933.5	901.1	868.7	836.6	804.4	772.3	740.0	766.0



TEST NUMBER: P1444630
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL30

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	1148.6	1127.3	1106.4	1085.6	1064.7	1044.0	1023.1	1002.5	981.8	961.1	973.6
115°	1133.6	1123.6	1113.5	1103.6	1093.6	1083.5	1073.4	1063.7	1053.9	1044.1	1044.8
117.5°	1041.2	1037.6	1034.1	1030.6	1027.2	1023.8	1020.6	1017.4	1014.1	1011.2	1004.1
120°	908.0	908.6	909.2	910.2	911.1	912.3	913.1	914.4	915.7	917.0	907.5
122.5°	776.9	778.8	780.9	783.2	785.4	788.0	790.3	793.1	795.9	798.7	789.3
125°	663.4	665.3	667.4	669.4	671.3	674.0	676.4	679.1	681.8	684.7	676.8
127.5°	582.8	583.1	583.2	583.9	584.3	585.2	586.1	587.4	588.7	590.1	585.0
130°	533.0	531.5	529.9	528.9	527.5	526.7	526.0	525.3	524.7	524.5	522.6
132.5°	505.9	503.2	500.6	498.1	495.8	493.8	491.6	490.2	488.6	487.2	486.6
135°	493.1	489.7	486.3	483.0	479.8	477.3	474.4	472.2	469.8	467.8	468.4
137.5°	486.1	482.8	479.4	476.2	473.0	470.4	467.5	465.1	462.9	460.8	461.9
140°	486.2	482.8	479.5	476.3	473.5	470.7	468.1	465.8	463.2	461.6	462.1
142.5°	484.6	481.8	478.6	475.9	473.1	470.6	468.3	466.3	463.8	462.3	463.0
145°	484.3	482.2	479.8	477.7	475.7	473.9	471.8	470.5	469.0	468.1	468.4
147.5°	482.2	480.8	478.9	477.4	475.6	474.5	473.2	472.1	471.0	470.3	470.4
150°	477.6	476.6	475.4	474.4	473.5	472.7	471.8	471.2	470.5	470.0	470.0
152.5°	471.6	470.8	469.8	469.0	468.2	467.6	466.9	466.4	465.9	465.5	465.4
155°	463.8	463.4	463.0	462.8	462.5	462.6	462.2	462.5	462.2	462.3	462.5
157.5°	460.2	460.3	460.1	460.4	460.4	460.7	460.6	461.1	461.1	461.6	461.9
160°	459.7	459.7	459.5	459.7	459.6	459.6	459.7	459.9	460.0	460.1	460.7
162.5°	459.1	459.6	459.8	460.1	460.7	461.0	461.5	462.2	462.6	463.1	463.7
165°	462.9	462.9	462.9	462.8	463.2	463.4	463.5	464.0	464.2	464.7	465.4
167.5°	465.6	465.9	466.0	466.3	466.7	467.1	467.5	468.2	468.7	469.6	470.1
170°	471.3	471.3	471.3	471.3	471.3	471.7	471.8	472.0	472.2	472.7	473.1
172.5°	478.3	478.3	477.9	478.3	477.9	478.3	478.3	478.4	478.4	478.6	478.8
175°	481.6	482.1	482.3	482.7	482.7	482.8	483.0	483.2	483.4	483.8	483.8
177.5°	485.5	485.6	485.6	485.6	485.6	485.8	485.8	485.8	485.8	485.6	485.8
180°	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0



TEST NUMBER: P1444630
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL30

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2
2.5°	46078.9	46055.8	46079.4	46055.4	46079.4	46050.7	46070.1	46039.1	46047.1	46014.8	46023.1
5°	47821.1	47784.4	47804.0	47756.2	47761.3	47697.6	47696.4	47622.1	47602.6	47518.1	47481.0
7.5°	49230.0	49218.0	49224.8	49194.1	49190.5	49147.0	49126.3	49064.9	49026.3	48948.5	48895.4
10°	49007.1	49043.0	49052.2	49088.9	49096.4	49132.7	49140.2	49176.5	49184.2	49211.0	49211.3
12.5°	46776.5	46898.4	46927.6	47078.3	47141.6	47314.0	47406.4	47596.3	47709.2	47898.6	48015.0
15°	42479.3	42690.3	42774.5	43068.6	43231.4	43574.8	43790.5	44184.9	44463.1	44881.9	45180.6
17.5°	36565.1	36860.0	36993.1	37391.9	37652.2	38159.0	38524.4	39125.6	39585.9	40254.2	40783.7
20°	30006.7	30334.4	30515.1	30970.2	31277.2	31869.4	32325.5	33064.4	33680.6	34527.2	35251.3
22.5°	23662.0	23973.9	24174.4	24637.3	24983.1	25600.7	26110.4	26890.4	27580.7	28534.8	29402.9
25°	18167.9	18453.7	18635.0	19053.7	19378.5	19946.0	20432.8	21182.8	21858.3	22815.3	23705.5
27.5°	13889.2	14128.5	14303.3	14660.3	14946.6	15428.1	15846.1	16466.0	17048.0	17876.0	18668.7
30°	10633.4	10845.5	11015.5	11326.6	11592.0	12009.2	12376.9	12897.6	13379.3	14038.1	14668.8
32.5°	8125.6	8308.3	8459.8	8732.0	8972.8	9348.6	9679.9	10136.2	10549.7	11108.4	11627.2
35°	6195.4	6554.9	6529.4	6904.8	6965.2	7235.0	7530.4	7929.4	8295.6	8770.8	9212.3
37.5°	4808.7	4909.7	5018.1	5184.0	5358.4	5603.8	5853.4	6341.0	6519.8	6878.9	7244.4
40°	3877.7	3946.0	4017.5	4129.7	4251.8	4424.7	4606.5	4839.1	5077.4	5368.5	5665.9
42.5°	3278.3	3317.0	3362.4	3428.4	3503.6	3613.2	3734.8	3892.6	4058.4	4263.3	4472.4
45°	2929.0	2910.6	2924.1	2959.5	3004.9	3071.5	3148.2	3245.9	3353.9	3486.6	3627.9
47.5°	2603.3	2610.7	2614.7	2634.0	2658.2	2702.9	2749.5	2815.8	2943.8	2982.8	3059.9
50°	2388.2	2391.8	2390.6	2400.4	2412.7	2441.7	2471.9	2516.8	2561.7	2621.0	2677.7
52.5°	2208.0	2213.0	2212.4	2218.8	2225.4	2243.7	2262.8	2294.5	2323.9	2361.6	2394.2
55°	2065.6	2072.5	2075.3	2080.7	2083.8	2093.4	2101.0	2116.2	2128.7	2150.1	2169.9
57.5°	1956.1	1965.6	1970.0	1971.8	1968.0	1967.4	1964.9	1968.1	1970.6	1982.1	1993.2
60°	1870.0	1877.5	1878.7	1877.5	1870.5	1865.4	1857.3	1854.7	1853.5	1859.0	1865.1
62.5°	1779.7	1782.4	1780.6	1778.4	1770.3	1765.4	1757.0	1754.0	1751.0	1754.9	1758.2
65°	1654.9	1657.3	1654.9	1653.6	1646.3	1642.5	1635.4	1632.9	1628.9	1630.0	1629.3
67.5°	1553.6	1555.9	1554.1	1552.2	1547.2	1544.7	1539.5	1536.2	1531.3	1529.4	1526.1
70°	1452.5	1454.4	1451.5	1449.6	1443.9	1441.7	1436.9	1435.8	1432.0	1431.1	1427.3
72.5°	1336.3	1336.5	1332.5	1331.3	1327.1	1326.9	1324.8	1326.7	1326.6	1328.5	1327.7
75°	1217.4	1215.8	1210.7	1209.8	1206.6	1208.1	1205.9	1208.8	1209.2	1213.5	1214.0
77.5°	1098.3	1092.1	1082.5	1078.0	1071.5	1070.7	1067.0	1069.5	1068.6	1073.7	1075.7
80°	947.9	940.3	928.0	922.1	914.5	913.3	909.9	913.3	911.7	917.5	921.8
82.5°	756.7	750.2	737.4	732.7	723.9	724.7	721.0	724.7	724.2	733.0	738.1
85°	559.8	555.4	542.2	530.6	517.7	510.0	502.6	501.3	499.1	502.6	505.7
87.5°	323.4	319.2	309.0	302.2	279.5	280.4	271.5	271.0	268.8	266.8	271.5
90°	56.4	62.7	61.6	67.3	67.0	73.6	73.7	80.0	79.3	85.5	85.8
92.5°	40.4	42.7	45.2	47.5	50.0	52.4	54.8	57.2	62.4	67.2	72.7
95°	54.9	57.8	60.5	63.3	66.0	68.9	71.6	74.4	81.9	89.5	97.0
97.5°	77.3	78.9	80.7	82.6	84.5	86.2	88.1	90.0	98.3	106.5	114.6
100°	98.6	100.1	101.6	103.1	104.6	106.1	107.6	109.0	125.0	140.8	156.5
102.5°	154.0	160.3	166.6	172.9	179.4	185.7	191.9	198.2	234.5	270.5	306.6
105°	284.9	302.1	319.4	336.7	353.9	371.1	388.4	405.6	463.4	521.2	579.2
107.5°	520.5	547.6	574.8	602.2	629.4	656.8	684.0	711.3	767.7	824.2	880.6
110°	791.8	817.9	843.8	869.9	895.7	921.9	947.8	974.1	1008.1	1041.9	1075.9



TEST NUMBER: P1444630
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL30

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	986.3	998.9	1011.6	1024.4	1037.1	1050.1	1062.8	1075.7	1092.8	1109.9	1127.0
115°	1045.7	1046.5	1047.5	1048.5	1049.5	1050.4	1051.8	1052.9	1058.6	1064.1	1069.7
117.5°	997.2	990.3	983.7	976.8	970.2	963.7	957.3	950.8	950.1	949.3	948.9
120°	898.6	889.3	880.2	871.0	862.1	853.3	844.7	836.1	831.9	827.8	823.7
122.5°	780.2	771.1	762.1	753.1	744.4	735.8	727.4	718.9	716.3	713.6	711.1
125°	669.2	661.8	654.3	647.0	640.1	633.1	626.3	619.5	620.0	620.2	621.0
127.5°	580.6	576.1	571.8	567.7	563.8	559.8	556.2	552.3	555.1	557.8	560.6
130°	520.6	518.9	517.5	515.8	514.8	513.6	512.6	511.6	516.0	519.9	524.3
132.5°	486.8	486.7	487.0	487.2	487.9	488.5	489.5	490.1	494.9	499.5	504.3
135°	469.1	470.0	471.4	472.5	474.2	475.6	477.5	479.1	483.9	488.1	492.9
137.5°	463.0	464.3	466.0	467.5	469.5	471.3	473.5	475.4	479.3	482.9	486.7
140°	463.3	464.1	465.7	467.1	468.6	470.1	472.3	473.9	477.2	480.0	483.0
142.5°	464.2	464.9	466.3	467.7	469.2	470.6	472.4	473.8	476.2	478.4	481.1
145°	469.3	470.0	471.2	472.0	473.3	474.4	475.8	477.0	478.8	480.1	481.9
147.5°	471.1	471.6	472.5	473.4	474.3	475.2	476.0	476.9	478.3	479.3	480.5
150°	470.5	470.8	471.3	471.7	472.5	473.2	473.9	474.4	475.5	476.4	477.6
152.5°	466.1	466.2	466.7	467.1	467.8	468.3	468.7	469.3	470.4	471.1	472.2
155°	462.9	463.6	464.3	464.8	465.7	466.0	466.9	467.4	468.3	468.8	469.7
157.5°	462.6	462.8	463.7	464.1	464.9	465.4	466.1	466.6	467.5	468.0	468.6
160°	461.5	462.4	463.0	463.8	464.7	465.4	466.3	467.2	467.9	468.4	469.0
162.5°	464.3	465.0	465.7	466.2	466.9	467.6	468.1	468.7	469.8	470.3	471.4
165°	466.3	467.0	468.0	468.4	469.4	470.3	471.0	471.9	472.4	473.1	473.6
167.5°	471.0	471.5	472.6	473.2	474.0	474.7	475.6	476.3	477.0	477.3	478.0
170°	473.8	474.4	475.1	475.7	476.4	477.0	477.9	478.4	479.3	479.7	480.6
172.5°	479.3	479.8	480.3	480.6	481.1	481.9	482.4	482.8	483.5	484.0	484.6
175°	483.8	483.8	484.0	484.2	484.3	484.3	484.5	484.8	485.0	485.1	485.3
177.5°	486.0	486.2	486.4	486.5	486.7	486.9	487.1	487.3	487.3	487.3	487.3
180°	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0



TEST NUMBER: P1444630
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL30

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2
2.5°	45990.9	45992.8	45955.8	45953.7	45919.0	45914.6	45880.8	45870.4	45842.9	45833.0	45805.0
5°	47386.2	47341.0	47236.6	47175.2	47072.0	47003.7	46892.0	46819.1	46711.4	46630.0	46521.6
7.5°	48797.4	48727.2	48610.0	48515.0	48371.8	48257.5	48090.0	47952.8	47771.2	47614.2	47423.6
10°	49211.3	49200.5	49170.6	49127.1	49060.5	48985.6	48871.6	48752.7	48593.6	48420.9	48209.0
12.5°	48192.9	48302.9	48452.9	48541.7	48649.8	48697.2	48741.5	48730.4	48701.3	48613.8	48491.5
15°	45613.2	45922.2	46331.4	46648.5	47013.3	47278.4	47571.3	47753.7	47935.7	48019.7	48071.1
17.5°	41509.5	42094.6	42828.2	43436.3	44137.8	44701.2	45318.9	45783.9	46262.1	46604.6	46914.4
20°	36238.3	37086.0	38123.6	39040.3	40106.2	41032.5	42047.5	42880.9	43740.2	44412.1	45048.2
22.5°	30520.8	31527.5	32782.1	33944.1	35318.2	36553.1	37946.5	39159.2	40425.4	41483.2	42505.9
25°	24898.6	26002.7	27374.4	28670.9	30227.2	31663.6	33316.0	34827.5	36463.9	37884.8	39288.4
27.5°	19764.7	20848.7	22249.1	23629.3	25274.9	26805.5	28576.0	30241.1	32104.5	33822.9	35580.7
30°	15545.1	16464.5	17720.2	19057.0	20680.0	22237.6	24027.3	25739.9	27678.3	29554.5	31534.5
32.5°	12315.9	13016.4	14003.6	15133.9	16631.4	18114.2	19818.4	21471.5	23380.5	25275.7	27334.9
35°	9781.0	10327.4	11080.1	11962.2	13230.4	14508.5	16015.9	17519.3	19300.2	21098.7	23100.1
37.5°	7712.9	8156.2	8745.6	9408.4	10425.5	11474.4	12710.4	13956.8	15504.3	17098.5	18912.5
40°	6022.9	6381.9	6840.8	7335.0	8103.0	8911.2	9867.1	10833.6	12076.9	13379.8	14881.1
42.5°	4731.4	4996.3	5320.4	5681.6	6398.2	6827.3	7475.4	8174.5	9088.5	10034.4	11163.1
45°	3799.7	3980.4	4205.2	4447.5	4780.1	5144.0	5588.0	6053.5	6921.7	7347.6	8034.1
47.5°	3173.3	3294.5	3437.5	3590.1	3786.3	3998.0	4261.2	4530.5	4878.6	5239.4	5662.3
50°	2751.3	2874.5	2923.6	3002.7	3116.2	3237.1	3385.5	3533.9	3720.7	3910.0	4127.6
52.5°	2438.0	2478.2	2531.6	2581.9	2652.3	2789.9	2834.4	2912.0	3016.7	3119.0	3233.5
55°	2198.8	2225.0	2259.7	2290.1	2332.6	2373.3	2431.9	2483.6	2553.3	2615.1	2691.1
57.5°	2012.7	2029.4	2053.5	2073.4	2100.9	2123.8	2158.2	2186.2	2226.3	2261.3	2307.3
60°	1877.4	1888.5	1904.7	1917.7	1935.2	1947.2	1964.3	1977.4	1998.6	2016.3	2042.0
62.5°	1766.9	1772.6	1783.2	1790.9	1802.0	1808.1	1817.2	1822.9	1834.5	1843.4	1857.8
65°	1634.3	1635.7	1642.8	1646.0	1654.7	1658.0	1665.4	1668.1	1677.7	1684.2	1696.9
67.5°	1525.7	1522.7	1522.8	1520.4	1521.5	1519.0	1519.7	1516.9	1520.9	1522.8	1532.5
70°	1426.6	1422.3	1421.0	1416.4	1415.1	1410.4	1409.0	1404.8	1404.3	1402.9	1406.3
72.5°	1329.9	1328.7	1329.0	1325.9	1325.5	1322.3	1322.4	1320.5	1322.6	1323.6	1328.0
75°	1218.7	1219.1	1221.3	1218.4	1219.3	1216.6	1217.5	1215.1	1216.4	1215.9	1220.3
77.5°	1083.5	1086.7	1092.6	1091.4	1093.3	1090.2	1091.6	1088.1	1089.1	1086.7	1088.4
80°	931.4	938.1	946.0	945.7	949.1	946.9	949.9	946.5	947.9	943.9	942.8
82.5°	750.8	756.5	764.9	765.2	772.7	774.0	782.3	781.9	787.1	783.8	781.4
85°	513.2	517.1	524.5	528.6	536.2	540.9	548.8	552.0	546.3	556.8	548.5
87.5°	268.0	278.0	272.4	285.4	282.3	295.5	292.6	304.8	302.4	312.9	311.5
90°	93.8	94.8	103.1	104.7	114.7	117.3	122.4	119.2	124.0	121.0	125.8
92.5°	77.5	83.1	88.3	93.4	98.6	104.0	99.0	94.2	89.4	84.8	79.8
95°	104.6	112.3	119.8	127.4	135.0	142.5	134.4	126.4	118.4	110.2	102.1
97.5°	122.8	130.8	139.0	147.1	155.4	163.5	153.9	144.3	134.7	125.2	115.7
100°	172.2	188.1	203.8	219.5	235.5	251.2	233.3	215.4	197.6	179.7	161.8
102.5°	342.9	379.0	415.2	451.5	487.5	523.7	485.7	447.9	409.9	372.0	333.9
105°	637.0	695.0	752.8	810.6	868.5	926.7	865.1	803.5	741.9	680.5	618.7
107.5°	937.2	993.6	1050.4	1106.6	1163.3	1220.0	1157.6	1095.1	1032.9	970.4	907.9
110°	1110.2	1144.1	1178.2	1212.4	1246.4	1280.8	1235.2	1189.8	1144.4	1098.8	1053.3



TEST NUMBER: P1444630
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL30

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	1144.2	1161.5	1178.6	1196.0	1213.3	1230.5	1198.2	1165.9	1133.4	1101.1	1068.4
115°	1075.6	1081.3	1087.1	1092.9	1098.6	1104.4	1082.7	1061.0	1039.3	1017.6	995.5
117.5°	948.2	947.9	947.1	947.0	946.2	945.7	933.8	921.9	909.8	897.7	885.7
120°	819.6	815.7	811.7	807.6	803.5	799.3	794.7	789.9	784.8	779.9	774.8
122.5°	708.3	706.1	703.3	700.8	697.9	695.3	693.7	692.2	690.5	688.9	687.0
125°	621.4	621.9	622.3	622.9	623.1	623.6	622.9	622.4	621.7	621.2	620.5
127.5°	563.0	565.9	568.3	570.9	573.3	575.9	576.0	576.4	576.5	576.7	576.8
130°	528.3	532.8	536.7	540.5	544.4	548.7	548.4	548.5	548.4	548.3	548.1
132.5°	509.0	513.6	518.2	523.0	527.3	531.8	531.5	531.5	530.9	531.0	530.7
135°	497.2	501.7	505.9	510.6	514.5	518.8	518.3	518.0	517.4	517.2	516.7
137.5°	490.2	494.0	497.4	501.1	504.2	507.8	507.2	506.9	506.2	506.0	505.4
140°	485.8	488.8	491.5	494.5	497.2	500.1	499.2	498.5	497.7	497.0	496.1
142.5°	483.2	485.5	487.5	490.0	491.9	494.2	492.6	491.4	490.3	489.0	487.7
145°	483.5	485.1	486.6	488.2	489.2	490.9	489.3	487.8	485.9	484.6	482.9
147.5°	481.5	482.7	483.4	484.6	485.0	486.3	484.6	483.1	481.5	479.7	478.1
150°	478.3	479.4	480.1	480.9	481.7	482.7	480.8	479.2	477.2	475.5	473.8
152.5°	473.0	473.8	474.5	475.2	475.9	476.6	474.7	473.5	471.5	469.6	468.0
155°	470.0	470.9	471.2	471.9	472.1	472.6	470.9	469.7	468.3	466.8	465.1
157.5°	469.1	469.8	470.3	470.6	471.0	471.5	470.4	469.4	468.1	467.2	465.9
160°	469.5	470.0	470.5	470.9	471.4	471.6	470.6	470.1	469.0	468.0	466.9
162.5°	471.9	472.7	473.2	473.8	474.4	474.9	473.9	473.0	471.8	470.7	469.3
165°	474.1	474.6	475.1	475.6	475.8	476.3	475.6	474.9	474.0	473.5	472.6
167.5°	478.4	479.1	479.4	479.8	480.0	480.3	479.6	479.2	478.3	477.5	476.6
170°	481.0	481.4	482.2	482.7	483.1	483.4	483.0	482.5	481.7	481.1	480.3
172.5°	485.0	485.5	485.7	486.2	486.4	486.9	486.3	485.6	485.0	484.4	483.6
175°	485.3	485.4	485.8	485.8	485.8	486.0	485.4	485.0	484.4	483.8	483.3
177.5°	487.3	487.3	487.3	487.2	487.2	487.2	486.8	486.4	486.1	485.7	485.1
180°	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0



TEST NUMBER: P1444630
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL30

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2	45509.2
2.5°	45795.0	45775.2	45762.3	45746.0	45736.0	45723.4	45714.1	45706.1	45699.7	45693.8	45689.4
5°	46439.0	46336.6	46257.2	46171.1	46100.5	46030.0	45975.6	45930.7	45899.6	45876.3	45862.5
7.5°	47258.9	47071.5	46904.9	46729.4	46572.2	46417.6	46284.3	46169.4	46083.3	46027.4	45993.5
10°	47991.0	47740.2	47492.1	47231.0	46983.5	46743.3	46521.6	46326.6	46172.3	46069.7	46009.9
12.5°	48319.3	48105.5	47852.2	47568.7	47265.3	46958.3	46659.1	46389.2	46162.7	46010.7	45923.1
15°	48030.2	47942.5	47770.6	47550.4	47262.5	46945.2	46593.8	46263.5	45959.8	45762.8	45648.6
17.5°	47089.8	47212.3	47199.2	47115.0	46908.0	46640.8	46282.8	45911.9	45531.9	45268.6	45124.8
20°	45503.1	45887.9	46083.3	46183.5	46102.2	45929.0	45604.7	45228.3	44785.4	44441.7	44231.9
22.5°	43273.2	43952.7	44376.2	44686.1	44751.8	44692.8	44406.6	44048.5	43554.8	43141.7	42831.8
25°	40402.6	41398.1	42067.5	42592.1	42795.9	42848.5	42605.0	42248.9	41698.6	41217.2	40791.7
27.5°	37021.4	38315.0	39208.6	39913.6	40231.9	40369.9	40145.7	39782.4	39131.3	38556.7	38000.8
30°	33214.9	34749.7	35825.6	36670.9	37058.8	37241.1	37003.0	36597.5	35839.9	35148.4	34448.1
32.5°	29140.7	30820.2	31992.5	32910.6	33294.9	33466.5	33154.9	32699.6	31823.9	31009.3	30192.6
35°	24875.0	26570.2	27752.5	28646.1	28968.3	29071.6	28673.3	28146.9	27176.7	26282.6	25392.1
37.5°	20522.4	22099.7	23174.2	23976.2	24175.5	24193.4	23713.4	23132.1	22112.3	21230.7	20344.3
40°	16207.6	17537.7	18405.2	19047.2	19116.3	19054.6	18532.7	17947.7	16993.7	16203.9	15425.7
42.5°	12143.2	13147.2	13766.2	14206.1	14180.0	14058.0	13579.5	13076.6	12289.6	11687.9	11075.6
45°	8661.1	9323.1	9685.1	9942.5	9859.8	9743.6	9371.2	9018.7	8483.8	8095.3	7683.8
47.5°	6017.0	6807.6	6670.0	7173.2	6739.6	7025.9	6429.6	6100.8	5817.0	5610.6	5378.0
50°	4307.7	4488.8	4576.3	4636.1	4604.3	4560.3	4453.2	4357.4	4227.7	4133.2	4023.1
52.5°	3326.7	3417.2	3466.9	3502.8	3495.7	3479.7	3433.0	3390.2	3329.5	3289.6	3241.3
55°	2817.9	2819.2	2910.4	2871.3	2929.2	2861.4	2888.0	2813.0	2825.1	2760.7	2717.3
57.5°	2341.6	2378.7	2395.4	2411.5	2407.0	2404.1	2386.1	2376.9	2356.6	2350.3	2335.8
60°	2059.7	2079.1	2083.1	2090.6	2084.3	2081.9	2067.8	2062.8	2049.0	2046.6	2037.0
62.5°	1866.4	1876.3	1876.3	1876.3	1868.3	1860.5	1844.8	1836.6	1825.0	1822.4	1816.8
65°	1705.1	1715.5	1717.1	1719.4	1713.5	1707.4	1693.5	1684.6	1672.6	1668.1	1661.6
67.5°	1538.7	1549.6	1553.4	1559.0	1555.5	1554.4	1544.9	1541.4	1533.4	1531.7	1525.7
70°	1408.0	1412.5	1412.2	1412.0	1404.7	1398.1	1387.1	1381.9	1373.6	1371.9	1366.5
72.5°	1330.2	1333.4	1331.4	1328.5	1318.9	1309.2	1296.3	1286.9	1276.1	1269.4	1261.7
75°	1220.8	1225.0	1222.2	1220.5	1211.8	1205.5	1195.1	1189.9	1182.4	1180.1	1174.9
77.5°	1086.4	1088.4	1083.9	1083.5	1076.9	1072.8	1065.1	1063.7	1058.2	1058.4	1053.3
80°	936.8	935.5	928.4	927.2	920.6	918.9	912.8	913.1	908.7	910.6	907.0
82.5°	770.8	766.6	757.3	754.6	747.0	746.3	742.3	745.6	743.0	747.0	744.7
85°	552.3	553.5	549.5	549.5	547.3	548.0	547.6	550.2	550.5	554.2	554.1
87.5°	307.9	312.4	311.5	315.6	315.4	319.9	321.5	328.2	329.1	335.3	335.3
90°	122.9	128.4	125.2	130.9	129.8	136.4	136.4	143.1	142.2	147.8	145.7
92.5°	74.9	70.1	65.5	60.5	58.2	55.3	53.6	50.5	48.5	45.7	43.3
95°	93.9	85.9	77.7	69.5	66.8	63.8	61.0	58.2	55.5	52.7	49.9
97.5°	106.1	96.5	86.8	77.2	74.8	72.4	69.7	67.4	64.9	62.6	60.1
100°	143.8	125.8	108.1	90.0	87.9	85.9	83.9	81.8	79.9	77.6	75.5
102.5°	296.0	257.9	219.8	181.7	174.6	167.3	160.1	152.6	145.5	138.2	131.0
105°	557.1	495.5	433.8	372.0	352.3	332.8	313.2	293.5	273.9	254.3	234.7
107.5°	845.3	782.6	720.1	657.4	621.4	585.1	548.9	512.5	476.4	440.0	403.7
110°	1007.8	962.1	916.4	870.5	841.7	812.4	783.3	754.0	724.9	695.6	666.4



TEST NUMBER: P1444630
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL30

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1035.9	1003.3	970.8	937.9	924.8	911.6	898.5	885.2	872.1	858.6	845.4
115°	973.6	951.8	929.8	907.6	903.3	898.6	894.2	889.4	884.8	880.0	875.2
117.5°	873.6	861.4	849.1	836.8	837.7	838.6	839.7	840.3	841.0	841.5	842.3
120°	769.8	764.8	759.9	754.7	759.1	763.0	767.5	771.3	775.3	778.9	782.9
122.5°	685.3	683.5	681.8	679.7	685.0	690.1	695.2	700.1	704.9	709.3	713.9
125°	620.0	619.2	618.5	617.6	623.0	628.1	633.2	637.9	642.9	647.3	651.9
127.5°	577.0	577.2	577.4	577.3	581.4	584.8	588.8	592.0	595.7	598.6	601.8
130°	548.0	547.7	547.8	547.5	551.1	554.6	558.1	561.1	564.4	567.0	569.6
132.5°	530.5	530.1	529.9	529.5	532.4	534.9	537.6	539.6	541.8	543.5	545.4
135°	516.4	515.7	515.4	514.7	517.4	519.8	522.2	524.1	526.4	527.9	529.5
137.5°	505.0	504.4	503.9	503.2	505.7	507.8	510.0	511.8	513.6	515.2	516.6
140°	495.6	494.6	494.1	493.0	495.2	497.0	499.1	500.7	502.4	503.5	504.9
142.5°	486.4	484.9	484.1	482.4	484.1	485.4	486.9	488.1	489.4	490.3	491.0
145°	481.2	479.4	478.0	476.3	477.5	478.6	479.7	480.9	481.5	482.1	482.9
147.5°	476.6	474.7	473.1	471.3	472.6	473.3	473.9	474.4	475.4	475.8	476.1
150°	472.0	469.9	468.1	466.1	466.9	467.5	467.9	468.6	469.1	469.4	469.7
152.5°	466.1	464.2	462.5	460.4	460.9	461.3	461.6	461.9	462.3	462.5	462.6
155°	463.6	462.0	460.3	458.4	459.0	459.2	459.3	459.5	459.6	459.7	459.6
157.5°	464.6	462.8	462.0	460.3	460.3	460.4	460.4	459.9	459.8	459.5	459.2
160°	466.0	464.6	463.5	462.4	462.2	462.1	462.1	461.6	461.4	460.9	460.6
162.5°	468.1	466.8	465.3	463.9	463.7	463.7	463.6	463.1	462.9	462.5	462.2
165°	471.7	470.7	469.7	468.4	468.3	468.0	467.8	467.1	466.8	466.1	465.6
167.5°	475.6	474.7	473.6	472.4	472.4	472.4	472.3	472.0	471.7	471.2	471.1
170°	479.6	478.8	478.1	477.1	476.7	476.6	476.2	475.9	475.4	475.0	474.5
172.5°	482.7	481.9	481.0	479.9	479.9	479.7	479.5	479.3	478.8	478.5	478.3
175°	482.5	481.9	481.0	480.4	480.3	480.1	479.9	479.7	479.5	479.3	479.0
177.5°	484.8	484.5	483.7	483.3	483.2	483.2	483.0	482.8	482.8	482.7	482.5
180°	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0	485.0



TEST NUMBER: P1444630
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL30

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	45509.2	45509.2
2.5°	45685.4	45683.0
5°	45855.2	45852.6
7.5°	45984.5	45983.6
10°	45999.6	46007.6
12.5°	45907.9	45914.3
15°	45639.9	45652.4
17.5°	45127.4	45143.8
20°	44244.7	44261.8
22.5°	42815.1	42822.2
25°	40736.7	40707.2
27.5°	37903.2	37852.4
30°	34301.1	34252.0
32.5°	30006.3	29975.7
35°	25172.0	25152.6
37.5°	20082.3	20042.8
40°	15141.1	15026.1
42.5°	10807.4	10605.5
45°	7468.9	7229.6
47.5°	5214.0	5066.1
50°	3952.1	3904.4
52.5°	3220.3	3209.1
55°	2717.2	2712.3
57.5°	2339.0	2337.3
60°	2042.0	2041.5
62.5°	1820.6	1821.3
65°	1664.6	1664.9
67.5°	1527.2	1526.3
70°	1368.5	1367.3
72.5°	1259.3	1257.4
75°	1174.9	1173.7
77.5°	1054.8	1053.0
80°	909.4	907.0
82.5°	748.0	745.4
85°	557.9	558.1
87.5°	341.3	341.2
90°	151.0	147.9
92.5°	41.3	39.2
95°	47.1	44.4
97.5°	57.8	55.3
100°	73.6	71.5
102.5°	123.8	116.6
105°	215.1	195.5
107.5°	367.5	331.2
110°	637.1	607.9



TEST NUMBER: P1444630
CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL30

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	832.0	818.6
115°	870.1	865.3
117.5°	842.6	843.1
120°	786.1	789.9
122.5°	718.0	722.3
125°	656.1	660.3
127.5°	604.5	607.0
130°	571.6	574.0
132.5°	546.6	547.8
135°	530.5	531.6
137.5°	517.4	518.3
140°	505.4	506.2
142.5°	491.5	492.0
145°	483.2	483.5
147.5°	475.8	476.0
150°	469.6	469.6
152.5°	462.3	462.4
155°	459.3	459.2
157.5°	458.6	458.2
160°	459.9	459.6
162.5°	461.5	461.2
165°	464.7	464.0
167.5°	470.4	470.3
170°	474.0	473.8
172.5°	477.8	477.4
175°	478.8	478.6
177.5°	482.5	482.1
180°	485.0	485.0

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-4

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L850-N

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

Test Information

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

Spectral Parameters

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

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



Test Conditions

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

REPORT NUMBER: SP1-2506-472-4

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

REPORT NUMBER: SP1-2506-472-4

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-4

Photopic Flux vs. Wavelength



Photopic Lumens: NR

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

REPORT NUMBER: SP1-2506-472-4

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.82

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

REPORT NUMBER: SP1-2506-472-4

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.71

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

Summary

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

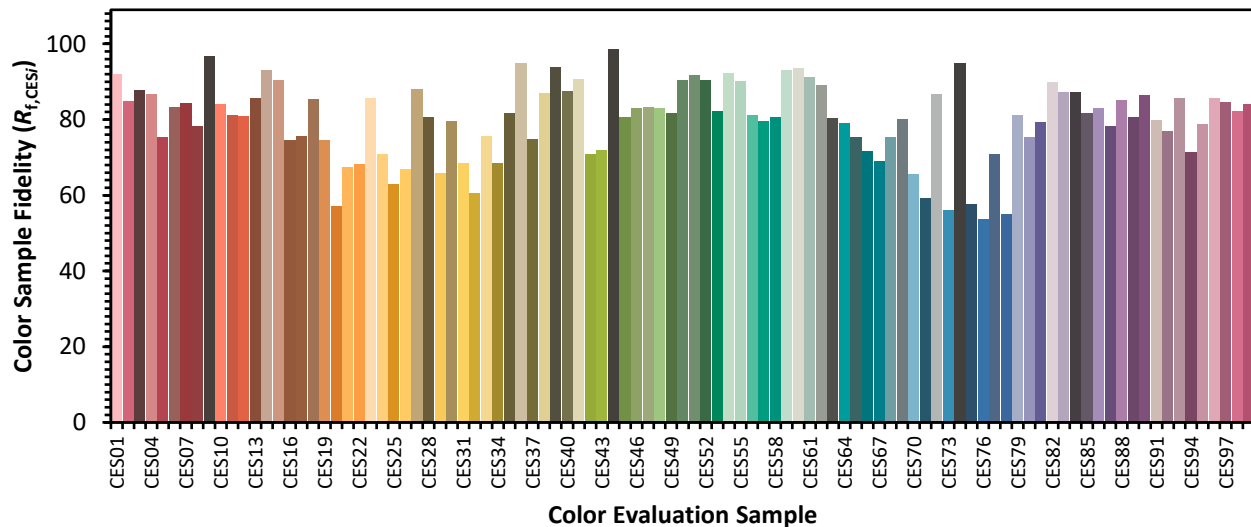


Color Vector Graphics

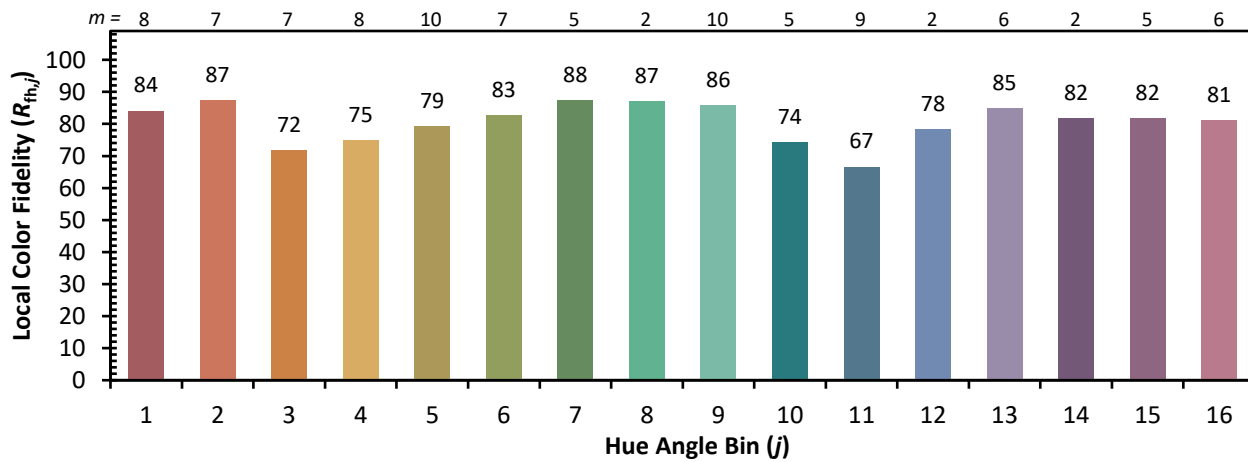
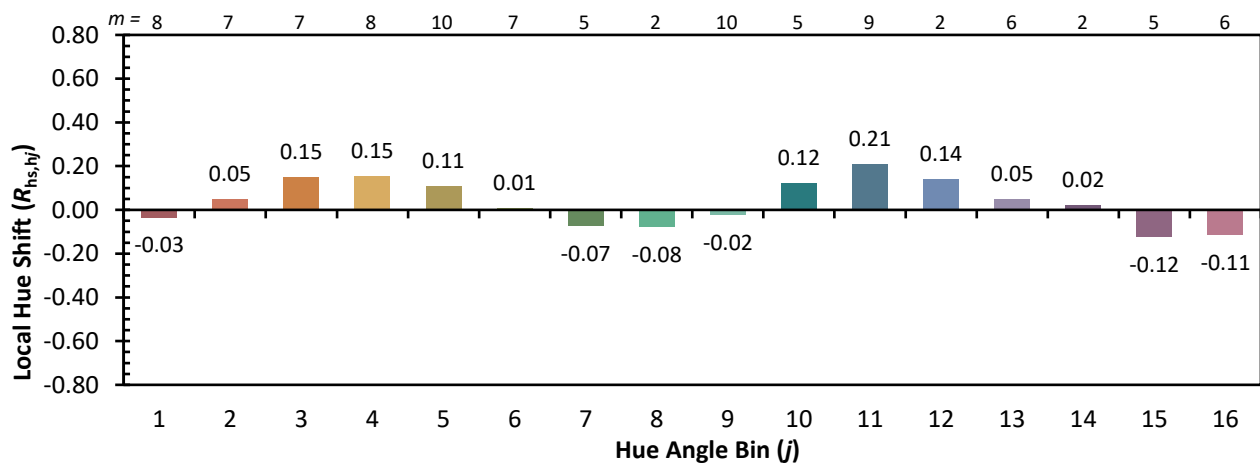
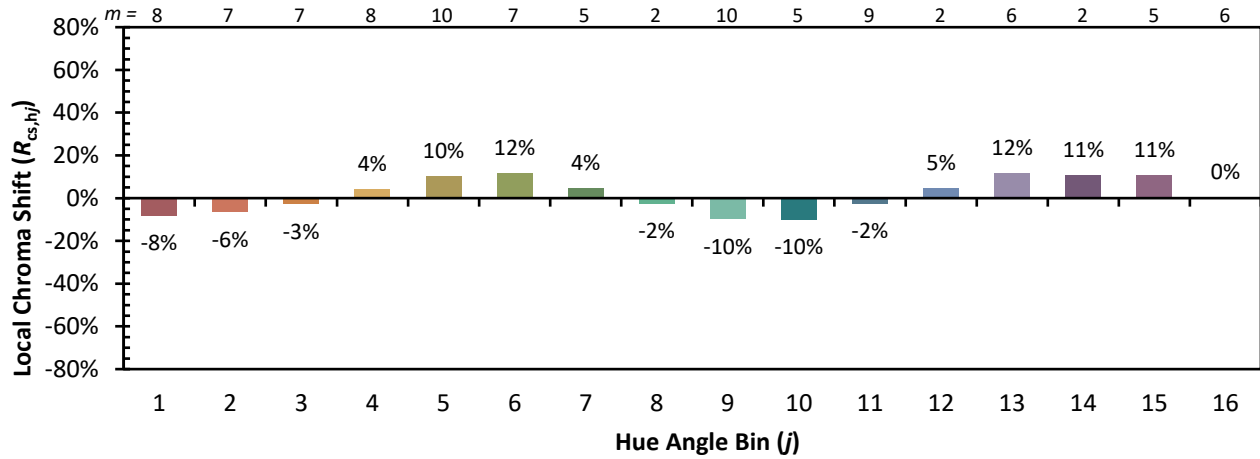


Individual Sample Fidelity Index ($R_{f,i}$)

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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)