

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: P1444732

Luminaire Tested: EHBR1-24-UNV-TA-L935-UPL18

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444732
REPORT IS A COMBINATION OF REPORTS P1444320 AND P1431635
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-24-UNV-TA-L935-UPL18
Description: Elevate Round Highbay at, 24000 lumens, 3500K 90CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

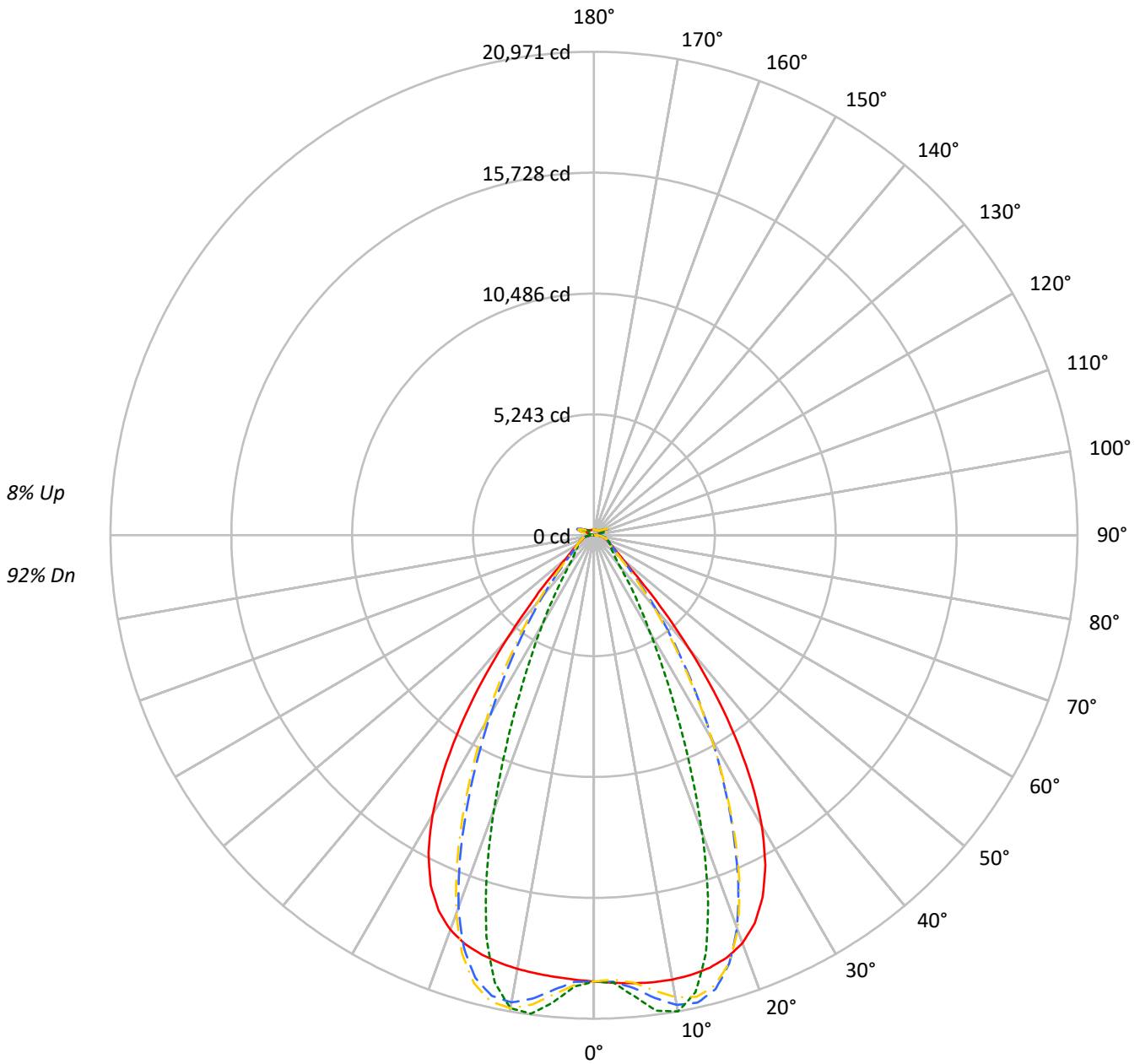
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24083.9 lumens
Efficiency: N/A
Efficacy: 171.8 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): 140.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				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	117	117	117	117	114	114	114	114	107	107	107	101	101	101	95	95	95	95	95	95	92
1	110	107	104	101	107	104	101	98	98	96	94	93	91	90	89	87	86	86	86	86	84
2	103	97	92	88	100	95	91	87	90	87	84	86	83	81	82	80	78	78	78	78	76
3	97	89	83	79	94	87	82	78	84	79	75	80	76	73	77	74	71	71	71	71	69
4	91	82	76	71	89	81	75	70	77	72	68	74	70	67	72	68	65	65	65	65	63
5	86	76	69	65	84	75	69	64	72	67	63	70	65	61	67	63	60	60	60	60	58
6	81	71	64	59	79	70	63	59	67	62	58	65	60	57	63	59	56	56	56	56	54
7	76	66	59	55	75	65	59	54	63	57	53	61	56	52	59	55	52	52	52	52	50
8	72	62	55	50	71	61	55	50	59	53	49	57	52	49	56	51	48	48	48	48	47
9	69	58	51	47	67	57	51	47	56	50	46	54	49	46	53	48	45	45	45	45	43
10	65	54	48	44	64	54	48	44	52	47	43	51	46	43	50	45	42	42	42	42	41

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	90907	90907	90907	90907
5°	91346	94010	90068	95242
10°	92109	98704	89900	98051
15°	92561	89474	89743	85872
20°	91604	66655	88606	61672
25°	86707	42155	83842	38249
30°	75745	25333	72811	23152
35°	58294	15896	54940	14081
40°	36876	9971	33738	9370
45°	19007	7768	18691	7640
50°	11144	6910	10801	6802
55°	8537	6537	8221	6478
60°	7224	6678	6917	6591
65°	6785	6974	6524	6735
70°	6628	7303	6298	7028
75°	7088	7744	6705	7402
80°	7334	8575	6649	7828
85°	6907	8275	5583	7085

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 29087 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1907.8	7.9
10°-20°	5366.7	22.3
20°-30°	6112.3	25.4
30°-40°	4393.2	18.2
40°-50°	2026.2	8.4
50°-60°	969.6	4.0
60°-70°	707.5	2.9
70°-80°	537.5	2.2
80°-90°	247.4	1.0
90°-100°	51.9	0.2
100°-110°	297.2	1.2
110°-120°	549.0	2.3
120°-130°	336.2	1.4
130°-140°	216.6	0.9
140°-150°	161.0	0.7
150°-160°	112.5	0.5
160°-170°	67.9	0.3
170°-180°	23.3	0.1
0°-30°	13386.8	55.6
0°-40°	17780.0	73.8
0°-60°	20775.8	86.3
0°-90°	22268.2	92.5
90°-120°	898.2	3.7
90°-150°	1612.0	6.7
90°-180°	1816.0	7.5
0°-180°	24083.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	19358	19358	19358	19358	19358	
5°	19504	20073	19231	20336	19504	1864
15°	19419	18771	18828	18015	19419	5471
25°	17315	8418	16743	7638	17315	7849
35°	10699	2918	10084	2584	10699	6566
45°	3075	1257	3024	1236	3075	2615
55°	1154	883	1111	876	1154	1065
65°	708	728	681	703	708	707
75°	499	546	472	521	499	519
85°	237	284	192	244	237	223
90°	66	83	20	24	66	41
95°	24	26	24	26	24	23
105°	107	138	72	138	107	142
115°	479	580	502	581	479	442
125°	361	378	408	378	361	329
135°	284	252	306	254	284	222
145°	254	246	270	248	254	160
155°	237	238	253	240	237	110
165°	237	236	245	238	237	67
175°	242	245	247	245	242	23
180°	246	246	246	246	246	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19431.9	19430.3	19430.0	19428.6	19428.3	19428.3	19427.6	19426.1	19425.1	19422.8	19420.3
5°	19503.9	19503.1	19503.7	19503.7	19502.4	19499.4	19494.7	19488.8	19481.5	19474.7	19468.5
7.5°	19559.8	19561.1	19562.8	19562.5	19558.2	19551.2	19541.5	19536.0	19539.2	19549.7	19573.8
10°	19569.9	19578.2	19581.4	19580.4	19572.0	19565.9	19568.3	19588.8	19629.6	19684.0	19758.5
12.5°	19530.2	19540.5	19540.1	19536.6	19528.5	19536.8	19566.6	19627.6	19715.1	19822.5	19948.5
15°	19418.8	19432.1	19428.3	19423.9	19418.5	19445.7	19505.1	19611.1	19746.3	19897.7	20052.8
17.5°	19202.5	19218.4	19210.7	19205.7	19201.1	19252.3	19354.3	19509.5	19679.8	19851.1	19998.1
20°	18827.3	18838.0	18819.6	18810.9	18818.2	18918.5	19068.7	19267.0	19446.5	19608.4	19708.9
22.5°	18214.9	18228.3	18193.6	18189.6	18232.4	18386.5	18576.5	18798.2	18966.7	19095.2	19133.9
25°	17315.3	17328.4	17287.2	17311.8	17384.6	17594.6	17820.8	18057.9	18201.8	18296.9	18270.7
27.5°	16101.0	16112.9	16073.8	16124.1	16239.1	16515.0	16781.3	17038.5	17166.8	17233.4	17148.9
30°	14569.5	14594.3	14548.1	14618.2	14793.7	15152.0	15457.1	15745.5	15873.4	15924.1	15792.7
32.5°	12750.5	12785.8	12734.9	12839.2	13084.1	13514.5	13861.0	14183.3	14324.7	14382.6	14234.2
35°	10699.0	10749.5	10691.1	10847.7	11149.8	11629.0	12012.8	12372.6	12540.1	12622.1	12472.5
37.5°	8525.5	8573.6	8542.1	8750.9	9082.6	9579.3	9971.1	10359.3	10548.3	10671.5	10553.6
40°	6391.5	6435.6	6459.5	6698.3	7010.4	7478.5	7854.8	8238.8	8450.3	8605.0	8532.2
42.5°	4511.2	4555.6	4636.8	4867.3	5127.5	5514.9	5837.3	6182.1	6384.2	6549.1	6521.0
45°	3075.2	3126.7	3228.5	3417.1	3605.4	3883.3	4120.1	4388.2	4553.3	4704.4	4706.2
47.5°	2155.0	2191.1	2282.0	2410.9	2533.6	2881.6	2895.9	3027.7	3138.7	3251.6	3266.2
50°	1660.8	1682.6	1730.8	1802.6	1872.1	1962.5	2045.1	2140.7	2209.0	2270.9	2285.7
52.5°	1365.0	1378.9	1403.5	1442.3	1482.7	1531.8	1576.0	1628.5	1665.7	1698.8	1705.7
55°	1153.7	1165.2	1201.7	1209.0	1255.2	1264.1	1283.7	1315.7	1337.3	1357.1	1362.1
57.5°	994.2	1002.5	1010.3	1026.9	1041.1	1061.8	1078.4	1101.3	1114.9	1129.2	1130.5
60°	868.4	874.4	880.0	891.4	901.1	915.4	926.9	942.5	952.3	963.0	964.2
62.5°	774.7	779.1	782.7	790.3	797.2	808.3	817.3	830.4	839.4	847.8	849.7
65°	708.2	711.3	713.7	719.4	725.4	734.9	743.1	753.7	760.4	766.8	768.1
67.5°	649.2	652.2	654.6	659.9	664.1	671.0	676.6	684.6	689.6	694.7	694.8
70°	581.6	584.4	586.3	591.2	594.6	600.5	605.0	612.2	617.3	623.0	624.5
72.5°	534.8	536.5	539.0	543.4	548.1	554.6	560.6	568.0	574.3	580.1	582.6
75°	499.3	501.2	502.8	506.6	509.9	515.3	519.8	526.6	532.0	538.4	541.4
77.5°	447.9	450.1	451.5	455.3	458.1	463.4	466.7	472.7	477.3	483.0	485.8
80°	385.8	387.9	388.9	392.5	394.7	399.5	402.8	408.7	412.4	418.1	421.5
82.5°	317.0	319.0	319.6	323.0	324.2	328.2	330.5	336.5	341.1	348.6	353.7
85°	237.4	238.1	239.3	238.4	243.2	243.5	249.0	250.0	257.1	259.0	267.2
87.5°	145.1	147.3	148.4	151.6	153.1	156.4	157.4	161.0	162.9	166.9	168.8
90°	65.8	69.4	70.8	75.0	76.3	80.1	81.2	85.5	86.8	91.2	93.3
92.5°	20.9	22.3	23.6	25.0	26.4	28.2	29.7	31.2	32.6	34.3	37.1
95°	23.7	25.2	26.7	28.3	29.8	31.4	33.0	34.5	36.1	37.6	42.1
97.5°	29.7	31.1	32.4	33.7	35.1	36.4	37.8	39.1	40.4	41.7	47.0
100°	38.6	39.8	40.9	42.1	43.1	44.3	45.4	46.6	47.7	48.9	58.7
102.5°	63.5	67.5	71.6	75.6	79.6	83.7	87.6	91.6	95.7	99.7	120.8
105°	107.2	118.1	129.2	139.9	150.9	161.9	172.8	183.5	194.5	205.5	239.9
107.5°	182.6	202.8	223.0	243.3	263.6	283.7	303.9	324.1	344.2	364.3	399.3
110°	336.6	352.7	369.1	385.3	401.6	417.8	434.0	450.1	466.4	482.6	508.1



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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°	453.6	461.0	468.3	475.6	483.0	490.2	497.6	504.9	512.3	519.4	537.7
115°	479.0	481.6	484.2	486.6	489.3	491.7	494.3	496.8	499.3	501.7	514.1
117.5°	465.9	465.3	464.9	464.4	463.8	463.3	462.7	462.1	461.5	461.0	467.8
120°	435.2	432.9	430.7	428.3	426.0	423.5	421.3	418.9	416.5	413.9	416.9
122.5°	396.5	393.8	391.2	388.3	385.6	382.6	379.8	376.8	374.0	371.1	372.1
125°	360.9	358.1	355.4	352.5	349.6	346.7	343.8	340.8	337.9	334.8	335.3
127.5°	330.0	328.1	326.2	323.9	321.9	319.8	317.7	315.3	313.3	311.0	311.1
130°	310.5	308.8	307.0	305.0	303.1	301.1	299.1	296.9	295.0	292.8	293.0
132.5°	294.7	293.6	292.2	290.8	289.4	287.7	286.2	284.5	283.0	281.4	281.6
135°	284.5	283.2	282.1	280.9	279.5	277.9	276.4	274.9	273.4	271.8	272.2
137.5°	276.0	274.9	273.8	272.5	271.3	269.7	268.5	266.9	265.6	264.0	264.3
140°	268.2	267.2	266.1	264.9	263.7	262.6	261.2	259.8	258.6	257.1	257.5
142.5°	259.2	258.3	257.6	256.6	255.7	254.5	253.5	252.2	251.2	250.1	250.7
145°	253.6	253.0	252.2	251.4	250.5	249.5	248.6	247.5	246.6	245.6	246.3
147.5°	248.7	248.2	247.6	246.9	246.2	245.3	244.6	243.6	242.9	242.1	242.8
150°	244.3	243.9	243.4	242.7	242.1	241.3	240.5	239.7	238.9	238.1	238.9
152.5°	239.8	239.3	238.7	238.2	237.5	236.6	236.1	235.3	234.5	233.7	234.4
155°	237.3	236.7	236.2	235.6	235.0	234.3	233.7	232.8	232.2	231.5	231.9
157.5°	236.0	235.5	235.1	234.6	234.2	233.5	232.9	232.4	231.8	231.3	231.6
160°	235.9	235.5	235.1	234.5	233.9	233.4	232.9	232.2	231.8	231.2	231.5
162.5°	235.9	235.5	235.0	234.5	234.0	233.3	232.8	232.4	231.9	231.4	231.7
165°	236.7	236.4	236.0	235.7	235.4	235.0	234.6	234.2	233.8	233.4	233.7
167.5°	239.4	238.9	238.6	238.2	237.7	237.2	236.8	236.4	236.0	235.5	235.7
170°	240.6	240.3	240.0	239.8	239.5	239.3	239.0	238.7	238.5	238.2	238.4
172.5°	242.2	241.9	241.7	241.6	241.4	241.2	241.0	240.7	240.6	240.3	240.7
175°	242.5	242.3	242.2	242.1	241.9	241.8	241.7	241.5	241.5	241.4	241.4
177.5°	244.2	244.1	244.1	244.1	244.1	244.0	243.9	243.7	243.7	243.7	243.8
180°	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6



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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°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19418.5	19416.1	19412.8	19408.8	19405.2	19401.2	19391.5	19388.6	19391.8	19394.0	19398.4
5°	19464.6	19466.0	19466.4	19475.3	19482.9	19501.9	19650.8	19710.0	19755.8	19784.8	19828.9
7.5°	19603.7	19648.5	19692.7	19752.3	19803.7	19873.0	20133.6	20244.5	20323.3	20380.0	20449.8
10°	19839.5	19937.2	20028.8	20136.1	20228.4	20334.0	20576.6	20684.6	20752.9	20802.5	20848.8
12.5°	20076.9	20212.4	20334.9	20454.3	20554.2	20645.8	20731.1	20769.0	20772.2	20773.8	20749.1
15°	20200.6	20330.1	20438.1	20517.0	20575.8	20601.7	20454.9	20377.8	20280.5	20200.3	20068.3
17.5°	20122.5	20200.3	20246.8	20242.3	20218.0	20136.8	19720.8	19492.1	19264.9	19060.3	18791.8
20°	19775.6	19769.6	19729.1	19614.1	19475.7	19260.6	18547.4	18136.0	17738.1	17388.7	16964.9
22.5°	19129.9	19028.3	18886.7	18639.0	18363.9	17987.9	16965.9	16360.7	15806.9	15317.7	14769.6
25°	18194.5	17985.5	17724.3	17331.1	16903.5	16355.1	15095.5	14342.7	13677.8	13101.2	12468.8
27.5°	16997.3	16682.4	16299.7	15755.4	15176.2	14473.6	13077.2	12246.4	11532.7	10914.4	10241.3
30°	15579.9	15170.5	14676.2	14000.8	13302.1	12505.3	11088.9	10247.4	9525.0	8888.9	8215.4
32.5°	13978.2	13498.7	12919.4	12161.4	11405.8	10586.5	9218.6	8404.1	7713.9	7102.1	6492.5
35°	12211.6	11697.4	11084.5	10311.4	9560.3	8763.7	7508.7	6774.3	6164.8	5624.0	5131.7
37.5°	10316.6	9811.6	9229.2	8500.6	7804.0	7082.2	5999.3	5383.9	4872.4	4423.5	4043.4
40°	8346.3	7904.5	7400.4	6770.5	6176.1	5575.0	4686.0	4197.5	3793.9	3451.6	3166.7
42.5°	6400.1	6057.7	5671.3	5173.4	4718.6	4260.8	3576.6	3214.7	2915.8	2669.3	2467.9
45°	4643.6	4414.5	4155.2	3809.2	3494.4	3175.2	2688.2	2433.9	2239.2	2080.2	1945.9
47.5°	3246.1	3113.2	3105.1	2785.2	2554.5	2359.3	2045.5	1884.9	1765.6	1669.3	1584.3
50°	2279.6	2215.3	2135.5	2021.4	1914.3	1803.9	1612.8	1515.7	1445.8	1387.4	1333.7
52.5°	1704.2	1670.8	1628.3	1567.7	1509.7	1447.6	1326.7	1264.8	1242.8	1188.6	1146.0
55°	1361.2	1342.0	1317.8	1282.3	1246.9	1232.8	1129.2	1083.2	1054.2	1032.8	1009.8
57.5°	1130.6	1116.4	1102.0	1077.9	1057.5	1032.8	977.7	954.2	936.9	924.3	908.4
60°	964.4	955.9	947.8	933.7	922.6	909.3	874.4	861.1	852.1	844.5	834.4
62.5°	851.2	846.9	842.7	835.2	829.6	822.3	798.4	792.0	787.5	783.7	777.5
65°	769.5	766.4	764.0	759.1	756.2	752.0	731.5	727.1	724.4	723.0	719.4
67.5°	695.2	692.0	690.4	686.9	685.7	683.1	666.2	663.9	663.0	663.4	662.1
70°	625.8	624.5	625.2	624.6	626.2	626.6	616.5	616.4	617.5	619.7	619.8
72.5°	584.2	584.2	584.9	585.3	586.8	587.6	579.1	578.7	579.1	580.8	580.9
75°	544.6	545.2	547.4	548.1	549.9	550.2	539.1	537.8	537.8	539.4	538.9
77.5°	489.8	492.1	496.2	498.4	501.8	502.5	490.0	488.4	488.5	490.0	488.7
80°	427.6	432.1	438.7	443.2	448.5	450.6	437.7	434.6	431.8	431.3	428.7
82.5°	361.5	367.1	374.9	378.9	384.6	385.9	364.3	360.2	357.8	358.0	355.6
85°	276.0	280.1	287.2	289.6	293.1	292.7	268.1	257.6	260.4	255.9	259.4
87.5°	173.1	175.6	180.0	180.5	182.3	181.9	157.1	152.2	150.7	150.8	149.0
90°	98.2	100.6	105.3	106.3	109.7	110.1	90.9	89.4	86.9	87.1	84.0
92.5°	40.1	42.8	45.6	48.4	51.2	54.1	54.6	56.7	54.0	50.9	48.4
95°	46.7	51.2	55.7	60.4	64.9	69.4	74.0	78.5	74.2	70.0	65.7
97.5°	52.4	57.8	63.2	68.5	73.9	79.3	84.7	90.0	85.5	80.8	76.2
100°	68.8	78.8	88.7	98.7	108.7	118.6	128.7	138.7	129.9	121.0	112.3
102.5°	141.9	163.2	184.4	205.6	226.9	248.2	269.5	290.8	270.5	250.2	230.0
105°	274.3	308.7	343.0	377.4	411.7	446.1	480.8	515.2	482.9	450.5	418.4
107.5°	434.1	469.0	503.8	538.6	573.5	608.4	643.6	678.5	647.0	615.5	584.0
110°	533.6	558.9	584.5	609.8	635.2	660.6	686.5	712.0	693.1	674.1	655.1



TEST NUMBER: P1444732
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL18

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	555.8	574.0	592.2	610.2	628.3	646.5	665.2	683.6	674.0	664.3	654.9
115°	526.2	538.5	550.6	562.8	575.1	587.1	600.2	612.6	609.4	606.2	603.3
117.5°	474.6	481.4	488.1	494.9	501.6	508.5	516.2	523.1	523.5	523.9	524.4
120°	419.7	422.5	425.2	428.1	430.9	433.6	437.7	440.7	443.1	445.6	448.0
122.5°	373.1	374.1	375.1	376.0	376.9	377.9	380.3	381.7	383.2	384.9	386.5
125°	335.7	336.2	336.6	337.0	337.2	337.8	339.8	340.4	340.5	340.4	340.4
127.5°	311.0	311.0	311.0	310.9	310.7	310.8	312.3	312.7	311.5	310.2	309.1
130°	293.1	293.3	293.4	293.6	293.7	293.8	295.7	296.4	294.3	292.2	290.1
132.5°	281.8	282.0	282.1	282.5	282.7	282.9	285.0	285.7	283.5	281.0	278.6
135°	272.4	272.8	273.1	273.3	273.5	274.1	276.4	277.2	275.1	272.7	270.4
137.5°	264.5	264.9	265.2	265.6	265.8	266.3	269.0	269.8	268.0	266.1	264.4
140°	257.9	258.3	258.8	259.3	259.8	260.3	263.3	264.3	262.9	261.4	259.9
142.5°	251.1	252.0	252.7	253.4	254.0	255.0	258.2	259.6	258.5	257.3	256.3
145°	247.1	248.0	248.8	249.6	250.4	251.4	255.2	256.9	256.2	255.3	254.6
147.5°	243.3	244.1	244.9	245.6	246.4	247.5	251.4	253.0	252.6	252.1	251.5
150°	239.5	240.3	241.1	241.9	242.9	243.9	248.2	250.1	249.7	249.2	248.8
152.5°	235.0	235.7	236.4	237.2	237.9	238.9	244.2	246.1	245.7	245.3	245.0
155°	232.4	233.0	233.5	234.1	234.6	235.5	241.1	242.9	242.7	242.4	242.2
157.5°	231.9	232.2	232.5	232.9	233.4	233.8	239.7	241.5	241.3	241.1	240.8
160°	231.7	232.0	232.2	232.5	232.7	233.1	239.2	240.9	240.7	240.4	240.2
162.5°	232.0	232.6	232.8	233.1	233.5	234.0	240.1	242.1	241.6	241.4	241.1
165°	233.8	233.9	234.1	234.5	234.6	234.8	240.5	242.2	242.1	241.8	241.5
167.5°	235.8	236.2	236.4	236.6	236.8	237.3	242.5	244.1	243.9	243.6	243.5
170°	238.5	238.8	238.8	239.2	239.4	239.7	244.2	245.4	245.3	244.9	244.7
172.5°	240.8	241.3	241.4	241.7	242.0	242.4	246.1	247.3	247.2	247.0	246.6
175°	241.7	241.9	242.2	242.4	242.7	243.0	246.0	246.8	246.7	246.6	246.4
177.5°	244.1	244.2	244.3	244.6	244.8	245.0	246.9	247.3	247.3	247.3	247.2
180°	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6



TEST NUMBER: P1444732
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL18

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19399.4	19406.2	19407.2	19415.2	19414.6	19424.1	19422.5	19430.3	19425.8	19432.1	19426.8
5°	19855.0	19896.4	19918.0	19958.4	19971.1	20007.2	20017.4	20050.3	20051.6	20077.7	20071.8
7.5°	20499.3	20560.2	20596.3	20646.2	20671.5	20713.0	20731.3	20762.0	20771.9	20796.3	20798.2
10°	20883.9	20913.5	20934.1	20948.1	20960.8	20966.7	20973.7	20971.8	20973.7	20971.0	20976.9
12.5°	20732.6	20689.4	20660.9	20606.8	20575.5	20515.7	20486.3	20428.8	20408.0	20358.6	20351.5
15°	19966.3	19815.8	19709.5	19554.9	19457.6	19305.4	19216.4	19079.2	19016.5	18907.4	18878.7
17.5°	18569.7	18290.3	18074.1	17796.7	17604.3	17345.1	17182.0	16967.5	16849.9	16676.9	16617.0
20°	16611.6	16198.2	15873.9	15487.5	15211.0	14866.5	14646.0	14367.9	14206.3	13993.8	13907.7
22.5°	14312.7	13798.0	13393.0	12936.6	12603.0	12219.0	11954.8	11653.9	11478.2	11247.4	11145.1
25°	11943.3	11375.7	10925.4	10444.5	10092.1	9707.2	9443.0	9147.3	8965.5	8746.3	8644.7
27.5°	9677.1	9102.6	8667.4	8220.3	7897.0	7549.8	7311.3	7053.1	6891.8	6704.8	6609.1
30°	7677.3	7170.6	6800.3	6429.2	6160.2	5878.3	5680.1	5466.2	5324.6	5164.4	5073.4
32.5°	6048.0	5656.9	5366.8	5072.5	4852.3	4616.7	4445.4	4256.7	4128.9	3985.9	3903.4
35°	4789.9	4486.0	4254.7	4012.3	3823.3	3622.5	3471.6	3308.7	3194.1	3070.9	2999.7
37.5°	3784.6	3542.8	3352.5	3151.2	2995.9	2829.6	2773.5	2586.6	2467.8	2369.5	2301.4
40°	2970.1	2778.0	2620.5	2466.5	2339.8	2213.7	2112.5	2012.6	1935.9	1865.6	1816.9
42.5°	2319.5	2180.2	2065.2	1952.4	1860.0	1768.1	1694.7	1626.0	1574.3	1528.3	1497.0
45°	1843.8	1748.1	1668.2	1588.7	1523.5	1462.2	1412.8	1368.9	1335.6	1307.9	1288.3
47.5°	1514.7	1449.2	1392.8	1339.2	1295.0	1254.8	1221.7	1210.9	1175.1	1150.9	1141.7
50°	1287.3	1247.7	1204.9	1165.4	1135.8	1106.4	1085.0	1063.9	1050.5	1039.4	1036.0
52.5°	1117.6	1087.3	1063.5	1038.5	1019.0	998.0	983.3	969.2	961.9	956.1	955.4
55°	991.4	970.2	954.5	937.7	926.0	913.7	906.1	898.6	895.5	892.5	892.7
57.5°	895.9	881.8	871.5	860.7	854.3	848.4	846.5	844.6	845.6	846.1	847.7
60°	826.3	817.1	810.7	804.5	801.8	799.9	801.4	803.0	806.4	809.1	811.5
62.5°	773.0	767.8	764.7	761.2	761.0	761.1	763.9	766.8	771.0	774.2	776.5
65°	718.2	715.1	714.1	712.0	713.0	713.7	717.2	719.3	723.5	726.1	729.1
67.5°	662.7	662.0	662.6	662.6	664.5	666.2	669.5	672.0	675.5	677.8	680.3
70°	621.7	622.0	623.6	623.8	625.9	627.0	629.9	631.4	634.7	636.6	639.6
72.5°	581.9	581.2	581.6	580.7	581.4	581.1	582.7	583.5	586.2	587.8	591.3
75°	539.5	537.7	537.3	535.4	535.5	534.0	534.7	534.6	536.5	537.2	539.7
77.5°	488.2	485.2	483.8	480.6	480.5	479.4	480.6	481.4	484.5	486.1	489.0
80°	427.0	422.3	420.1	416.4	417.0	416.8	420.0	422.3	426.2	427.0	430.7
82.5°	354.9	350.1	347.8	344.1	345.0	345.0	347.9	348.5	351.8	353.3	357.5
85°	254.1	255.9	250.9	251.2	250.1	252.1	254.1	256.6	259.4	264.0	267.6
87.5°	149.6	149.0	150.8	151.0	153.6	155.0	159.2	161.5	166.1	169.8	176.4
90°	83.4	80.2	80.8	79.4	81.1	79.6	81.3	79.5	81.8	81.4	84.4
92.5°	45.1	42.6	39.4	36.7	33.6	31.1	29.4	28.3	26.7	25.7	24.0
95°	61.4	57.3	53.0	48.8	44.6	40.3	38.8	37.3	35.7	34.2	32.5
97.5°	71.7	67.1	62.5	57.9	53.4	48.9	47.9	46.8	45.8	44.8	43.7
100°	103.4	94.6	85.8	77.0	68.2	59.5	58.6	57.8	57.0	56.2	55.3
102.5°	209.9	189.7	169.6	149.4	129.2	109.0	105.5	102.1	98.5	95.0	91.5
105°	386.0	353.6	321.4	289.2	256.9	224.7	215.1	205.3	195.7	186.1	176.6
107.5°	552.5	521.0	489.5	458.1	426.6	395.2	380.0	364.8	349.5	334.3	319.1
110°	636.1	617.1	598.4	579.2	560.5	541.6	527.0	512.5	498.0	483.4	469.0



TEST NUMBER: P1444732
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL18

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	645.3	635.9	626.3	616.8	607.3	597.9	590.8	583.7	576.7	569.5	562.4
115°	600.1	597.0	593.8	590.9	587.9	584.9	584.2	583.8	583.1	582.7	582.1
117.5°	524.9	525.4	525.8	526.3	526.8	527.3	531.0	534.7	538.5	542.3	546.2
120°	450.4	452.8	455.2	457.7	460.2	462.8	467.7	472.7	477.6	482.8	488.0
122.5°	388.2	389.7	391.4	393.1	394.8	396.5	401.3	406.3	411.2	416.3	421.4
125°	340.2	340.2	340.1	340.0	340.0	340.1	344.0	348.0	352.1	356.3	360.3
127.5°	307.8	306.4	305.2	304.1	302.7	301.5	303.8	306.1	308.4	310.9	313.2
130°	287.9	285.9	283.7	281.7	279.4	277.4	278.2	279.1	279.9	280.8	281.7
132.5°	276.2	273.7	271.3	268.9	266.4	263.9	263.7	263.6	263.4	263.3	263.3
135°	268.1	265.9	263.5	261.1	258.7	256.5	255.8	255.0	254.3	253.8	253.0
137.5°	262.5	260.7	258.8	256.9	255.0	253.0	252.0	251.1	250.1	249.4	248.6
140°	258.4	256.9	255.2	253.8	252.1	250.7	249.8	249.1	248.2	247.6	246.9
142.5°	255.0	254.0	252.7	251.7	250.5	249.3	248.5	247.7	247.0	246.3	245.6
145°	253.8	253.0	252.2	251.4	250.5	249.9	249.1	248.6	248.0	247.5	247.0
147.5°	251.1	250.5	250.0	249.3	248.8	248.2	247.7	247.4	246.9	246.6	246.2
150°	248.3	247.8	247.2	246.9	246.2	245.8	245.5	245.3	244.9	244.8	244.5
152.5°	244.4	244.0	243.5	243.2	242.6	242.2	241.9	241.7	241.4	241.3	241.0
155°	241.8	241.5	241.2	240.9	240.4	240.3	239.9	239.5	239.3	238.9	238.5
157.5°	240.5	240.3	239.9	239.7	239.3	239.0	238.7	238.5	238.1	237.8	237.5
160°	239.9	239.7	239.4	239.1	238.8	238.5	238.1	237.7	237.3	237.0	236.5
162.5°	240.7	240.2	239.9	239.5	239.1	238.8	238.5	238.1	237.8	237.5	237.2
165°	241.3	241.0	240.7	240.4	240.2	239.9	239.5	239.2	238.6	238.3	237.8
167.5°	243.2	243.0	242.7	242.5	242.2	241.8	241.5	241.2	240.8	240.4	239.9
170°	244.4	244.0	243.7	243.3	243.1	242.7	242.4	242.0	241.6	241.4	240.8
172.5°	246.4	246.2	245.8	245.6	245.3	245.0	244.7	244.4	244.2	243.8	243.5
175°	246.3	246.3	246.2	246.0	246.0	245.8	245.6	245.6	245.4	245.3	245.2
177.5°	247.2	247.2	247.2	247.1	247.0	247.0	246.8	246.7	246.4	246.2	246.2
180°	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6



TEST NUMBER: P1444732
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL18

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19432.3	19427.4	19429.8	19420.6	19422.8	19411.8	19410.9	19398.4	19397.3	19385.6	19381.1
5°	20090.3	20079.4	20091.7	20072.7	20076.4	20051.6	20049.5	20017.5	20006.5	19966.5	19949.2
7.5°	20813.4	20809.3	20816.7	20800.9	20800.3	20778.2	20769.2	20740.4	20722.7	20680.6	20653.8
10°	20971.8	20975.5	20969.5	20971.0	20962.4	20959.9	20951.2	20945.5	20931.1	20920.3	20904.2
12.5°	20314.0	20318.0	20292.9	20308.8	20296.2	20325.6	20323.2	20357.8	20363.1	20406.8	20423.4
15°	18793.7	18789.0	18740.8	18771.2	18754.9	18819.3	18833.8	18920.4	18966.7	19078.0	19146.4
17.5°	16497.1	16484.7	16416.9	16453.9	16435.0	16530.0	16561.9	16700.5	16786.9	16966.2	17094.0
20°	13759.4	13735.6	13656.3	13699.5	13680.2	13788.1	13833.6	14001.1	14112.5	14350.1	14519.0
22.5°	10987.7	10950.2	10872.5	10912.8	10894.5	11006.4	11065.6	11233.6	11361.3	11605.1	11802.3
25°	8498.7	8465.3	8390.2	8418.4	8411.6	8506.2	8558.8	8717.8	8843.3	9075.5	9263.8
27.5°	6482.2	6447.4	6379.5	6399.5	6392.6	6473.2	6522.9	6655.6	6763.6	6959.2	7124.4
30°	4961.2	4919.2	4861.6	4872.7	4868.0	4933.2	4979.6	5091.4	5184.0	5349.2	5491.6
32.5°	3802.7	3760.5	3707.7	3712.9	3705.9	3757.1	3795.3	3892.5	3973.2	4113.6	4237.6
35°	2909.6	2958.9	2846.0	2917.5	2843.1	2952.4	2913.0	2973.8	3043.2	3161.5	3265.0
37.5°	2236.8	2202.5	2173.4	2170.3	2170.1	2195.5	2225.4	2283.9	2345.0	2433.2	2524.3
40°	1772.5	1748.4	1729.6	1728.3	1729.6	1747.7	1769.8	1810.2	1855.0	1918.3	1985.2
42.5°	1470.2	1454.1	1442.8	1442.1	1445.6	1458.4	1473.8	1497.8	1526.9	1567.9	1613.8
45°	1272.4	1263.5	1257.3	1256.9	1258.5	1265.1	1274.0	1289.0	1307.5	1333.0	1362.1
47.5°	1133.6	1131.6	1127.6	1127.7	1125.9	1128.7	1129.6	1138.1	1147.9	1167.2	1205.1
50°	1032.7	1032.7	1030.0	1029.8	1027.2	1027.1	1024.9	1028.2	1032.9	1044.8	1056.9
52.5°	952.8	952.6	949.6	949.0	946.3	946.1	944.3	945.6	946.2	952.3	959.5
55°	890.4	888.6	884.7	883.4	882.4	883.9	883.2	883.3	882.5	885.0	887.2
57.5°	845.6	843.2	839.5	838.4	838.2	840.1	840.1	839.4	836.1	833.8	830.6
60°	810.2	807.7	803.8	802.8	803.4	806.0	805.8	803.6	798.7	794.3	789.1
62.5°	775.4	774.4	772.4	772.1	771.6	772.0	770.2	767.9	762.9	758.3	752.8
65°	728.7	729.2	727.7	727.9	726.2	725.8	723.1	720.9	715.8	711.6	705.9
67.5°	680.2	680.6	679.3	679.3	678.4	678.6	676.9	674.9	670.6	667.1	662.8
70°	640.2	641.2	640.5	640.8	639.6	639.1	636.6	634.5	630.2	627.4	623.4
72.5°	592.4	594.6	594.5	595.0	593.3	592.4	589.3	586.8	582.9	580.5	577.4
75°	540.7	543.5	544.3	545.5	543.1	541.8	538.5	536.5	533.2	531.8	529.7
77.5°	490.3	493.4	496.3	499.0	495.1	491.6	487.3	484.2	479.5	477.7	474.5
80°	433.7	439.1	445.6	451.1	444.0	436.9	429.9	424.7	418.6	416.1	412.1
82.5°	359.8	365.3	369.1	372.6	367.7	362.4	355.7	351.2	344.6	342.1	337.5
85°	273.3	280.3	282.5	284.4	281.2	278.4	272.1	263.6	259.4	252.9	249.5
87.5°	179.8	184.0	184.7	185.3	183.4	182.1	178.0	174.0	166.9	161.7	155.4
90°	83.3	85.2	82.7	82.9	81.3	82.3	79.0	78.6	73.5	72.1	67.8
92.5°	22.8	21.4	20.0	18.7	20.4	21.4	23.0	24.0	25.6	26.7	28.3
95°	31.0	29.5	27.9	26.4	27.6	28.8	30.1	31.4	32.5	33.8	35.1
97.5°	42.7	41.7	40.6	39.6	40.3	41.1	41.8	42.5	43.1	43.9	44.7
100°	54.5	53.7	52.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
102.5°	88.0	84.5	81.0	77.5	79.8	82.2	84.6	86.9	89.4	91.7	94.2
105°	166.9	157.3	147.7	138.1	147.4	156.7	165.9	175.3	184.5	194.0	203.3
107.5°	303.8	288.7	273.4	258.3	275.3	292.3	309.1	326.1	343.0	360.0	377.0
110°	454.5	440.1	425.6	411.2	429.1	447.1	465.0	483.0	501.1	519.1	537.1



TEST NUMBER: P1444732
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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	555.3	548.3	541.3	534.3	545.9	557.4	569.0	580.7	592.3	603.9	615.5
115°	581.7	581.2	580.9	580.4	585.9	591.4	596.8	602.3	608.0	613.4	619.0
117.5°	550.0	553.8	557.8	561.7	563.4	565.2	567.0	568.7	570.7	572.5	574.3
120°	493.1	498.2	503.5	508.7	508.0	507.3	506.5	505.8	505.5	504.8	504.4
122.5°	426.5	431.7	436.9	442.1	440.6	439.0	437.6	436.1	434.7	433.3	432.0
125°	364.7	368.9	373.3	377.7	376.1	374.6	373.1	371.8	370.3	369.0	367.8
127.5°	315.9	318.5	321.0	323.7	323.0	322.3	321.8	321.1	320.7	320.3	319.9
130°	282.8	283.9	285.1	286.2	286.4	286.6	287.1	287.4	287.9	288.3	289.0
132.5°	263.5	263.6	263.7	264.0	264.8	265.6	266.6	267.6	268.9	269.9	271.4
135°	252.7	252.3	252.0	251.8	253.0	254.1	255.6	256.9	258.5	260.1	261.8
137.5°	248.0	247.3	246.8	246.2	247.5	248.7	250.1	251.5	253.0	254.6	256.4
140°	246.3	245.7	245.4	245.0	246.2	247.3	248.7	250.1	251.6	253.2	255.0
142.5°	245.2	244.5	244.1	243.8	244.8	245.9	247.2	248.4	249.9	251.2	252.8
145°	246.5	246.1	245.8	245.5	246.2	247.1	248.0	248.9	250.1	251.0	252.2
147.5°	245.9	245.6	245.4	245.3	245.9	246.4	247.2	247.8	248.5	249.3	250.2
150°	244.4	244.2	244.1	244.0	244.3	244.7	245.2	245.5	246.1	246.5	247.2
152.5°	241.0	240.7	240.7	240.6	240.9	241.2	241.6	241.9	242.4	242.8	243.5
155°	238.5	238.3	238.0	237.8	237.8	238.0	238.2	238.2	238.5	238.6	238.9
157.5°	237.4	237.1	236.9	236.6	236.6	236.5	236.5	236.4	236.6	236.5	236.6
160°	236.2	235.7	235.5	235.2	235.2	235.1	235.3	235.2	235.3	235.4	235.6
162.5°	237.0	236.7	236.5	236.2	236.0	235.7	235.6	235.4	235.2	235.0	235.0
165°	237.5	237.0	236.7	236.3	236.2	236.1	236.0	235.9	235.8	235.7	235.8
167.5°	239.6	239.2	238.9	238.5	238.3	237.9	237.7	237.5	237.1	236.8	236.7
170°	240.6	240.3	240.0	239.7	239.5	239.4	239.3	239.1	239.0	238.9	238.9
172.5°	243.3	243.0	242.7	242.5	242.4	242.2	242.2	242.1	241.9	241.9	241.9
175°	245.1	245.0	244.9	244.7	244.5	244.4	244.3	244.2	244.1	243.9	243.7
177.5°	246.0	245.7	245.6	245.5	245.4	245.4	245.4	245.4	245.4	245.3	245.3
180°	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6



TEST NUMBER: P1444732
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CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19368.6	19363.5	19350.1	19343.5	19331.1	19324.8	19315.1	19308.9	19301.1	19295.3	19292.3
5°	19905.3	19880.5	19830.8	19800.3	19746.6	19711.4	19658.2	19619.1	19564.2	19523.6	19471.7
7.5°	20603.4	20565.4	20501.8	20453.7	20378.6	20321.3	20237.2	20169.9	20076.9	19999.7	19904.7
10°	20887.7	20865.5	20837.0	20806.0	20764.5	20723.7	20666.2	20607.7	20529.6	20452.0	20350.5
12.5°	20467.5	20488.4	20529.6	20548.8	20580.3	20591.0	20605.5	20598.7	20585.9	20554.2	20508.2
15°	19277.7	19364.9	19502.6	19597.9	19731.4	19825.1	19949.2	20029.1	20121.1	20176.0	20228.2
17.5°	17320.4	17489.0	17732.1	17926.0	18186.3	18398.0	18657.3	18861.1	19096.4	19276.8	19468.9
20°	14813.4	15049.5	15385.1	15670.1	16047.3	16367.1	16777.0	17120.3	17520.7	17854.5	18214.9
22.5°	12115.3	12393.0	12777.4	13121.2	13571.6	13974.0	14487.4	14941.4	15482.7	15967.7	16504.2
25°	9569.8	9842.0	10233.6	10589.5	11075.9	11519.1	12080.0	12600.8	13229.0	13814.8	14487.4
27.5°	7386.9	7628.8	7973.1	8293.4	8738.7	9173.9	9743.1	10298.4	10968.8	11598.4	12323.3
30°	5704.8	5901.0	6176.8	6434.6	6792.1	7147.9	7655.0	8168.6	8835.6	9488.1	10231.2
32.5°	4421.1	4588.3	4818.6	5027.8	5303.3	5571.6	5945.1	6355.4	6940.6	7565.5	8284.0
35°	3422.4	3565.5	3761.4	3941.7	4168.2	4381.3	4659.9	4952.8	5399.4	5925.0	6568.1
37.5°	2728.5	2786.9	2926.7	3074.4	3262.6	3437.6	3655.6	3872.2	4191.7	4606.4	5131.7
40°	2075.0	2167.7	2281.5	2397.8	2540.3	2680.6	2919.8	3034.9	3245.3	3543.0	3950.7
42.5°	1674.3	1739.4	1819.5	1900.4	1999.7	2097.4	2218.4	2341.6	2498.8	2700.5	2990.5
45°	1401.1	1443.5	1495.2	1549.1	1614.3	1681.0	1762.0	1846.6	1953.1	2077.1	2253.2
47.5°	1218.6	1242.0	1275.7	1312.5	1357.2	1403.5	1456.1	1509.9	1576.2	1649.7	1750.0
50°	1076.1	1095.7	1121.9	1146.4	1177.3	1224.6	1245.6	1275.3	1315.1	1358.4	1414.5
52.5°	972.9	986.0	1002.5	1016.6	1036.1	1053.8	1077.1	1097.6	1125.1	1151.1	1187.4
55°	892.7	897.4	906.8	915.8	929.3	941.5	957.4	970.9	988.4	1003.9	1026.8
57.5°	830.7	831.1	835.5	840.2	848.9	856.5	867.4	876.2	888.5	898.4	912.0
60°	786.1	783.8	784.6	786.3	791.1	796.1	803.2	808.9	816.6	822.1	829.8
62.5°	749.1	745.4	744.5	744.0	746.5	748.3	752.1	754.9	759.2	761.7	765.8
65°	702.2	697.9	696.2	694.1	694.8	694.2	695.7	695.8	698.0	698.5	700.9
67.5°	659.7	656.1	653.8	651.1	649.9	648.0	647.1	645.2	644.9	643.4	643.0
70°	621.0	617.4	615.6	613.0	611.8	609.1	607.6	604.4	602.5	599.6	598.0
72.5°	576.2	574.2	573.6	571.9	571.4	570.0	569.4	567.1	565.8	563.3	561.9
75°	529.3	527.7	527.5	525.8	525.7	523.9	523.5	521.1	520.0	517.4	516.3
77.5°	473.5	471.0	470.4	468.3	468.8	467.9	468.7	466.9	466.1	463.6	462.8
80°	410.7	407.5	406.2	403.6	404.3	403.0	404.3	404.1	405.0	403.0	402.7
82.5°	336.2	332.7	332.1	330.3	331.4	331.6	334.3	332.8	333.3	331.5	332.4
85°	244.6	242.1	238.5	238.0	235.6	238.0	234.9	237.0	233.7	236.0	232.8
87.5°	151.6	146.4	143.6	139.8	138.3	134.7	133.1	130.5	131.3	130.1	130.8
90°	67.4	63.6	63.8	61.3	62.2	60.2	61.7	60.6	62.6	61.4	63.6
92.5°	29.4	30.7	33.2	35.9	38.2	40.6	43.1	45.8	48.0	50.8	53.0
95°	36.3	37.5	40.8	44.1	47.4	50.8	54.1	57.5	60.7	64.1	67.3
97.5°	45.4	46.1	49.4	52.7	56.0	59.4	62.6	66.2	69.4	72.8	76.0
100°	52.0	52.1	61.5	70.9	80.3	89.8	99.2	108.6	118.1	127.4	136.9
102.5°	96.5	98.9	122.6	146.5	170.2	194.0	217.7	241.5	265.3	289.2	313.0
105°	212.6	222.0	258.2	294.5	330.6	367.0	403.3	439.8	475.9	512.3	548.6
107.5°	394.0	410.9	443.7	476.5	509.3	542.2	575.0	607.8	640.6	673.4	706.4
110°	555.0	573.1	595.0	617.0	639.1	661.1	683.0	705.1	727.1	749.3	771.4



TEST NUMBER: P1444732
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL18

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	627.0	638.8	651.6	664.4	677.3	690.2	703.0	715.9	728.9	741.8	754.8
115°	624.6	630.3	635.2	640.3	645.3	650.4	655.5	660.7	666.0	671.0	676.3
117.5°	576.2	578.2	579.1	580.0	580.8	581.9	582.7	583.8	584.9	585.9	586.8
120°	503.7	503.3	502.6	501.8	501.1	500.5	499.9	499.2	498.8	498.1	497.6
122.5°	430.6	429.4	428.8	428.1	427.5	427.1	426.4	426.1	425.6	425.1	424.6
125°	366.5	365.4	366.3	367.2	368.2	369.1	370.1	371.1	372.1	373.1	374.2
127.5°	319.5	319.3	321.3	323.5	325.6	327.7	329.9	332.2	334.3	336.6	338.7
130°	289.6	290.3	292.9	295.6	298.3	301.1	303.9	306.7	309.3	312.1	314.9
132.5°	272.5	274.0	276.4	279.1	281.7	284.4	287.0	289.8	292.5	295.2	297.7
135°	263.5	265.4	267.6	270.2	272.5	275.1	277.5	280.1	282.3	284.9	287.2
137.5°	257.9	259.8	261.8	263.8	265.7	267.9	269.8	271.9	273.8	275.9	277.9
140°	256.6	258.4	259.5	260.8	262.0	263.3	264.4	265.7	266.8	268.2	269.3
142.5°	254.2	256.0	256.7	257.6	258.4	259.5	260.2	261.1	261.8	262.7	263.4
145°	253.3	254.7	254.9	255.0	255.3	255.6	255.7	256.0	256.1	256.3	256.5
147.5°	251.1	252.1	252.1	252.1	252.2	252.1	252.2	252.2	252.2	252.2	252.2
150°	247.8	248.5	248.2	248.2	247.9	247.8	247.5	247.4	247.2	247.1	246.7
152.5°	243.9	244.5	244.1	244.0	243.6	243.4	243.0	242.9	242.4	242.3	242.0
155°	239.1	239.4	239.2	239.0	238.8	238.6	238.4	238.5	238.4	238.1	238.1
157.5°	236.6	236.6	236.5	236.4	236.3	236.2	236.0	236.0	236.0	236.1	236.2
160°	235.5	235.6	235.5	235.4	235.3	235.2	235.0	235.0	235.0	235.2	235.3
162.5°	234.7	234.6	234.6	234.5	234.4	234.3	234.2	234.4	234.3	234.5	234.6
165°	235.8	235.9	235.6	235.5	235.3	235.2	235.0	235.0	235.0	234.9	235.0
167.5°	236.6	236.6	236.6	236.6	236.6	236.6	236.7	237.0	237.1	237.4	237.5
170°	238.8	238.9	238.7	238.7	238.5	238.5	238.5	238.5	238.5	238.5	238.5
172.5°	241.9	241.9	241.7	241.4	241.3	241.1	240.8	240.8	240.6	240.4	240.3
175°	243.5	243.4	243.3	243.3	243.2	243.0	242.8	242.6	242.5	242.4	242.4
177.5°	245.3	245.1	245.0	245.0	245.0	244.9	244.9	244.8	244.8	244.8	244.6
180°	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6



TEST NUMBER: P1444732
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL18

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19288.4	19288.1	19286.3	19287.1	19287.5	19288.9	19290.6	19292.3	19292.6	19294.0	19294.3
5°	19432.7	19385.0	19349.8	19310.9	19281.7	19255.4	19237.9	19224.1	19218.6	19220.0	19223.2
7.5°	19824.1	19725.6	19644.4	19552.0	19474.9	19393.4	19325.7	19261.4	19214.5	19179.6	19160.1
10°	20253.6	20133.7	20018.9	19885.2	19758.3	19623.0	19500.4	19377.0	19274.0	19184.5	19118.9
12.5°	20444.3	20359.5	20260.3	20134.1	19998.3	19842.2	19684.4	19515.4	19358.0	19212.1	19094.4
15°	20242.5	20242.7	20206.5	20145.9	20051.6	19926.8	19776.6	19600.3	19414.7	19225.4	19052.4
17.5°	19601.8	19722.7	19790.0	19832.5	19819.4	19773.5	19677.8	19542.4	19369.4	19167.8	18956.7
20°	18501.6	18786.8	18990.0	19172.8	19275.3	19343.3	19336.5	19281.4	19158.3	18986.8	18767.0
22.5°	16960.5	17439.0	17816.6	18168.7	18415.6	18616.5	18712.0	18752.6	18696.8	18577.3	18370.8
25°	15088.6	15739.2	16294.4	16833.3	17237.5	17584.9	17793.6	17940.7	17952.4	17889.9	17705.8
27.5°	13008.5	13776.6	14479.2	15195.4	15763.8	16263.2	16590.9	16830.7	16906.8	16896.9	16729.6
30°	10931.1	11737.4	12512.0	13347.1	14050.5	14688.4	15121.3	15445.7	15570.6	15594.6	15433.7
32.5°	8969.3	9764.3	10536.8	11409.8	12183.9	12915.0	13426.5	13811.7	13957.0	13991.3	13814.8
35°	7188.7	7922.2	8656.3	9502.5	10272.1	11029.2	11568.1	11971.4	12107.2	12130.0	11925.8
37.5°	5644.7	6269.6	6909.3	7668.5	8375.2	9086.4	9598.3	9977.4	10076.3	10070.1	9839.0
40°	4344.7	4830.6	5344.4	5969.5	6557.1	7158.2	7590.5	7903.9	7955.8	7917.4	7674.5
42.5°	3267.0	3617.9	3990.5	4457.1	4893.0	5342.9	5657.4	5890.1	5897.5	5836.7	5618.7
45°	2433.9	2776.3	2932.5	3214.6	3495.3	3794.5	3986.6	4130.3	4108.0	4054.6	3888.9
47.5°	1855.4	1986.9	2126.5	2301.4	2465.0	2804.5	2779.3	3010.1	2843.9	2957.3	2707.7
50°	1473.4	1546.9	1622.1	1715.0	1800.4	1889.2	1944.6	1985.9	1980.6	1962.8	1915.0
52.5°	1253.5	1276.2	1313.3	1366.0	1413.8	1461.7	1493.4	1519.0	1519.6	1512.3	1488.2
55°	1047.6	1076.5	1103.1	1137.6	1196.4	1205.4	1250.7	1241.5	1245.1	1232.5	1245.4
57.5°	923.7	940.5	955.5	976.0	993.0	1012.8	1024.5	1035.8	1034.7	1032.2	1019.9
60°	835.9	845.2	853.5	865.5	874.8	885.9	891.4	897.1	895.2	891.0	880.0
62.5°	768.1	774.0	778.7	786.4	792.1	799.1	801.8	804.3	801.8	797.9	788.2
65°	701.3	705.1	708.1	713.9	717.9	723.9	726.2	728.5	726.3	723.3	715.8
67.5°	641.1	641.4	641.1	643.5	644.8	648.3	649.4	651.1	648.5	645.9	639.6
70°	595.4	594.5	593.3	594.3	594.5	596.2	596.5	596.2	593.1	588.5	581.7
72.5°	559.7	559.2	558.3	559.1	559.1	560.7	560.2	559.4	555.6	551.1	544.3
75°	513.7	513.4	511.7	511.7	510.3	510.8	508.9	507.9	503.6	499.9	493.9
77.5°	460.1	459.1	456.6	455.7	453.0	451.8	448.4	446.6	442.3	439.3	434.1
80°	400.1	399.1	395.9	394.1	389.8	387.1	381.9	378.9	374.0	371.1	366.1
82.5°	330.6	331.0	327.8	325.6	319.4	314.7	307.8	304.1	298.6	295.7	290.6
85°	235.2	231.8	233.6	233.5	229.6	225.5	219.9	216.0	211.4	208.6	205.0
87.5°	129.0	129.8	128.9	128.1	125.3	123.3	118.9	116.6	113.2	111.6	108.9
90°	59.0	57.6	53.2	51.8	47.5	45.0	40.2	38.2	33.6	32.6	29.7
92.5°	50.2	47.5	44.9	41.9	39.3	36.5	33.7	31.0	28.2	27.1	26.3
95°	63.4	59.3	55.3	51.2	47.2	43.1	39.2	35.2	31.2	30.4	29.5
97.5°	71.3	66.5	61.8	57.2	52.4	47.7	43.1	38.2	33.5	33.0	32.5
100°	126.0	115.1	104.2	93.3	82.4	71.4	60.5	49.6	38.7	38.1	37.4
102.5°	286.5	260.0	233.6	207.1	180.8	154.3	127.7	101.2	74.8	71.0	67.2
105°	508.5	468.5	428.5	388.5	348.4	308.2	268.3	228.1	188.1	175.2	162.2
107.5°	668.7	631.0	593.5	555.9	518.1	480.5	442.9	405.2	367.5	344.8	322.2
110°	741.6	711.6	681.8	652.0	622.1	592.3	562.4	532.5	502.7	483.1	463.7



TEST NUMBER: P1444732
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL18

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	732.9	711.1	689.4	667.4	645.7	623.7	601.9	580.0	558.0	546.2	534.5
115°	663.3	650.1	637.1	623.9	610.8	597.6	584.6	571.3	558.1	551.9	545.7
117.5°	580.3	573.6	567.1	560.4	553.8	547.0	540.4	533.6	526.8	524.8	522.7
120°	495.9	493.9	491.9	490.0	488.0	486.1	484.0	482.0	479.9	480.3	480.6
122.5°	425.6	426.5	427.5	428.2	429.2	430.0	431.0	431.7	432.5	434.3	436.1
125°	376.3	378.4	380.5	382.6	384.6	386.6	388.7	390.6	392.8	394.5	396.4
127.5°	341.1	343.5	345.9	348.2	350.6	352.8	355.2	357.4	359.7	361.3	363.1
130°	317.0	318.9	321.1	323.1	325.2	327.2	329.2	331.3	333.3	334.6	336.0
132.5°	299.6	301.4	303.3	305.2	307.1	308.8	310.8	312.5	314.5	315.5	316.6
135°	288.8	290.1	291.6	292.8	294.5	295.8	297.3	298.7	300.3	301.0	301.8
137.5°	279.1	280.2	281.4	282.5	283.8	284.9	286.2	287.4	288.8	289.2	289.9
140°	270.5	271.7	273.0	274.2	275.5	276.7	278.2	279.5	280.9	281.4	282.0
142.5°	264.5	265.3	266.3	267.3	268.4	269.3	270.4	271.6	272.8	273.3	273.9
145°	257.7	258.8	259.8	260.9	262.1	263.4	264.7	266.0	267.4	267.7	268.1
147.5°	253.1	254.0	255.1	256.1	257.0	258.0	259.4	260.5	261.7	262.1	262.4
150°	247.8	248.8	249.8	250.8	252.0	253.1	254.3	255.6	257.0	257.5	257.9
152.5°	243.1	244.1	245.2	246.3	247.6	248.9	250.2	251.5	252.9	253.3	253.9
155°	239.2	240.2	241.4	242.5	243.8	245.0	246.2	247.5	248.8	249.4	249.9
157.5°	237.2	238.1	239.2	240.3	241.4	242.4	243.6	244.7	246.0	246.3	246.8
160°	236.2	237.0	237.9	238.9	239.9	240.9	241.9	242.9	244.0	244.3	244.8
162.5°	235.5	236.4	237.3	238.2	239.3	240.2	241.2	242.1	243.2	243.5	244.0
165°	235.7	236.4	237.2	237.7	238.5	239.2	240.0	240.7	241.5	241.9	242.4
167.5°	238.1	238.5	239.1	239.6	240.3	240.9	241.5	242.1	242.7	243.1	243.4
170°	239.0	239.5	239.9	240.4	241.0	241.5	242.0	242.5	243.2	243.4	243.9
172.5°	240.5	240.8	241.3	241.4	241.9	242.2	242.5	243.0	243.3	243.7	244.0
175°	242.5	242.6	242.8	242.9	243.2	243.3	243.5	243.8	244.0	244.2	244.5
177.5°	244.7	244.8	245.0	245.1	245.3	245.4	245.7	245.8	246.0	246.2	246.6
180°	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6



TEST NUMBER: P1444732
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CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19293.7	19293.4	19292.8	19291.9	19291.0	19291.6	19292.4	19294.7	19298.5	19304.1	19311.4
5°	19225.9	19229.9	19232.0	19232.4	19230.3	19229.1	19231.0	19236.3	19247.0	19264.9	19289.1
7.5°	19154.9	19159.7	19167.2	19172.8	19173.8	19172.5	19172.8	19181.1	19200.9	19235.8	19284.8
10°	19079.0	19064.6	19072.2	19086.1	19097.2	19099.2	19100.5	19110.4	19139.2	19192.1	19270.7
12.5°	19009.0	18963.4	18954.6	18967.1	18983.9	18989.3	18987.8	18992.0	19025.8	19095.7	19205.4
15°	18916.9	18831.0	18801.7	18804.9	18825.6	18833.1	18827.6	18819.3	18852.3	18937.6	19079.6
17.5°	18767.8	18629.3	18575.4	18573.0	18597.3	18603.8	18590.4	18564.6	18597.0	18703.5	18879.7
20°	18541.2	18336.8	18235.2	18219.0	18245.4	18237.7	18211.1	18172.1	18214.7	18344.1	18553.7
22.5°	18133.7	17874.8	17701.2	17645.2	17676.8	17655.7	17617.0	17567.1	17623.7	17770.8	18004.2
25°	17468.0	17168.8	16931.1	16797.8	16822.9	16785.3	16743.1	16682.6	16750.1	16918.9	17175.9
27.5°	16489.4	16143.7	15849.3	15628.6	15636.7	15587.4	15538.7	15460.5	15544.8	15744.7	16034.5
30°	15188.2	14788.2	14429.6	14129.8	14102.9	14055.1	14005.1	13902.5	14008.0	14247.2	14585.9
32.5°	13554.0	13109.9	12695.6	12316.5	12244.9	12198.2	12153.8	12035.7	12173.8	12452.7	12841.8
35°	11642.9	11169.9	10720.7	10287.7	10169.1	10122.4	10083.5	9970.4	10142.7	10446.3	10866.5
37.5°	9545.2	9061.9	8616.0	8171.9	8004.5	7941.2	7913.0	7838.8	8037.6	8337.8	8759.8
40°	7391.7	6942.4	6542.6	6150.3	5959.5	5862.5	5847.7	5834.2	6026.5	6286.8	6669.9
42.5°	5377.2	5014.6	4706.4	4406.6	4233.6	4101.2	4101.1	4141.4	4314.4	4509.4	4804.8
45°	3719.6	3476.3	3279.8	3079.5	3133.1	2869.2	3024.2	2944.7	3030.2	3155.9	3348.0
47.5°	2556.8	2424.1	2316.1	2204.2	2122.6	2044.8	2051.6	2101.8	2182.3	2256.9	2356.9
50°	1863.5	1795.9	1740.9	1682.8	1642.2	1607.8	1609.8	1631.6	1673.9	1713.2	1765.5
52.5°	1460.2	1422.8	1393.0	1360.9	1339.6	1322.5	1323.4	1334.0	1356.9	1379.3	1409.3
55°	1203.5	1199.1	1160.2	1131.4	1120.4	1108.9	1111.0	1115.1	1130.7	1143.9	1163.7
57.5°	1008.6	991.2	979.5	964.3	957.4	949.3	951.1	952.6	963.1	971.9	986.2
60°	870.9	858.6	850.3	840.0	835.4	830.3	831.5	832.4	839.0	844.8	855.0
62.5°	779.4	768.4	761.2	753.3	750.0	746.5	747.4	747.6	751.8	756.1	763.8
65°	709.3	700.5	694.5	687.6	684.3	680.7	681.0	681.0	684.6	687.6	693.4
67.5°	635.1	628.4	624.6	619.1	616.8	613.2	613.1	612.0	614.2	615.5	619.4
70°	575.5	568.8	563.9	558.7	555.8	552.6	552.6	552.7	555.4	558.1	563.3
72.5°	538.7	532.3	527.9	523.4	520.6	517.9	517.4	517.2	519.1	520.6	523.9
75°	490.0	484.9	482.3	478.0	475.9	472.7	472.3	470.8	471.7	472.1	474.6
77.5°	430.9	426.1	424.0	419.6	417.8	414.3	414.0	412.5	413.2	412.7	414.6
80°	363.5	359.2	358.0	354.4	353.6	350.3	349.8	347.8	348.5	346.9	347.7
82.5°	288.3	284.3	283.5	280.1	280.1	277.2	277.1	274.2	274.2	271.6	267.6
85°	203.1	200.1	198.9	196.2	195.4	193.0	191.9	189.1	188.1	186.3	185.7
87.5°	107.2	105.3	103.7	102.4	100.0	95.8	95.4	92.4	92.7	90.6	90.7
90°	29.0	26.4	25.7	23.3	22.5	20.7	20.0	20.2	20.8	21.1	21.8
92.5°	25.4	24.5	23.5	22.6	21.7	20.7	19.8	20.7	21.7	22.6	23.5
95°	28.7	27.9	27.0	26.2	25.4	24.6	23.7	24.6	25.4	26.3	27.1
97.5°	32.0	31.4	31.0	30.5	29.9	29.5	28.9	29.5	30.0	30.5	31.1
100°	36.9	36.3	35.6	35.0	34.4	33.8	33.2	34.0	34.6	35.2	35.8
102.5°	63.4	59.5	55.7	51.9	48.0	44.2	40.4	44.2	48.0	52.0	55.8
105°	149.4	136.6	123.6	110.8	97.9	84.9	72.1	85.0	98.0	110.8	123.8
107.5°	299.5	277.0	254.2	231.7	208.8	186.3	163.5	186.3	208.9	231.7	254.3
110°	444.1	424.5	404.9	385.4	365.8	346.2	326.6	346.3	366.0	385.6	405.2



TEST NUMBER: P1444732
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL18

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	522.6	510.7	498.8	487.0	475.0	463.1	451.2	463.3	475.3	487.3	499.2
115°	539.5	533.2	527.1	520.8	514.4	508.3	501.8	508.5	514.8	521.2	527.7
117.5°	520.4	518.3	516.2	514.1	511.8	509.6	507.4	509.8	512.2	514.7	517.0
120°	480.9	481.3	481.5	481.8	482.1	482.3	482.4	482.6	482.6	482.6	482.5
122.5°	437.8	439.6	441.2	442.9	444.5	446.1	447.6	446.4	445.0	443.8	442.3
125°	398.2	400.1	401.7	403.5	405.1	406.9	408.4	407.3	405.9	404.6	403.0
127.5°	364.7	366.3	367.9	369.6	371.1	372.6	373.9	373.0	371.8	370.7	369.4
130°	337.2	338.7	339.8	341.1	342.1	343.2	344.1	343.6	342.9	342.3	341.4
132.5°	317.6	318.7	319.8	320.7	321.5	322.3	322.9	322.7	322.4	322.0	321.5
135°	302.6	303.3	304.1	304.9	305.4	306.0	306.2	306.4	306.3	306.2	306.0
137.5°	290.3	290.8	291.3	291.7	291.9	292.1	292.3	292.7	292.8	293.3	293.2
140°	282.3	283.0	283.4	283.9	284.1	284.4	284.5	284.9	285.1	285.4	285.4
142.5°	274.3	274.8	275.3	275.8	275.9	276.2	276.3	276.7	276.9	277.2	277.2
145°	268.5	268.8	269.2	269.5	269.6	269.7	269.6	270.3	270.6	270.9	271.2
147.5°	262.8	263.2	263.4	263.6	263.7	263.8	263.8	264.3	264.6	264.9	265.3
150°	258.4	258.9	259.3	259.8	259.9	260.2	260.3	260.7	260.8	261.1	261.1
152.5°	254.3	254.7	255.0	255.3	255.7	255.9	256.0	256.3	256.7	256.9	256.9
155°	250.3	250.9	251.2	251.7	252.0	252.3	252.6	252.9	253.1	253.2	253.4
157.5°	247.2	247.7	248.1	248.5	248.8	249.2	249.5	249.9	250.1	250.4	250.5
160°	245.2	245.7	246.0	246.4	246.8	247.2	247.4	247.8	248.1	248.2	248.5
162.5°	244.3	244.8	245.0	245.4	245.8	246.2	246.4	246.8	247.1	247.3	247.5
165°	242.8	243.3	243.8	244.3	244.7	245.1	245.4	245.7	245.8	246.0	246.2
167.5°	243.8	244.3	244.7	245.2	245.4	245.9	246.2	246.4	246.6	246.7	246.8
170°	244.2	244.5	245.0	245.3	245.7	246.1	246.3	246.4	246.5	246.7	246.8
172.5°	244.4	244.9	245.3	245.7	246.1	246.5	246.8	247.0	246.9	246.8	246.6
175°	244.8	245.2	245.5	245.9	246.1	246.5	246.9	246.7	246.7	246.6	246.5
177.5°	247.0	247.4	247.9	248.2	248.4	248.8	249.1	248.9	248.6	248.4	248.2
180°	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6



TEST NUMBER: P1444732
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL18

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19321.8	19331.5	19346.2	19359.6	19379.8	19395.7	19419.6	19437.8	19464.7	19482.3	19511.5
5°	19323.5	19361.3	19411.0	19459.5	19517.8	19570.7	19636.5	19692.6	19758.7	19812.7	19880.3
7.5°	19350.8	19423.7	19511.1	19599.1	19698.7	19791.8	19896.7	19991.7	20095.6	20183.4	20279.5
10°	19371.0	19483.4	19612.1	19741.8	19878.2	20004.8	20132.7	20243.3	20346.6	20431.6	20506.7
12.5°	19343.6	19498.5	19663.7	19823.3	19974.9	20106.1	20216.1	20301.1	20359.9	20399.7	20409.0
15°	19250.7	19437.1	19616.8	19775.6	19901.5	19998.6	20048.8	20072.3	20047.1	20005.1	19913.0
17.5°	19077.1	19273.7	19434.4	19559.8	19626.2	19652.6	19611.0	19538.6	19397.1	19240.0	19013.2
20°	18759.0	18942.2	19058.7	19127.1	19109.2	19043.4	18886.4	18695.4	18412.9	18111.9	17714.7
22.5°	18200.9	18361.0	18423.1	18428.2	18319.6	18155.0	17871.5	17544.0	17098.4	16635.1	16065.4
25°	17363.2	17503.4	17513.3	17458.2	17259.5	16992.6	16576.4	16113.1	15507.6	14890.3	14176.3
27.5°	16227.0	16361.6	16328.6	16225.8	15950.0	15592.8	15060.1	14461.5	13715.0	12986.0	12196.2
30°	14798.9	14942.7	14904.0	14772.2	14444.2	14022.0	13395.1	12699.6	11870.8	11092.1	10291.8
32.5°	13089.7	13271.6	13244.9	13119.6	12777.3	12325.4	11645.2	10907.6	10059.7	9292.3	8513.9
35°	11147.1	11367.9	11379.3	11297.4	10979.6	10533.1	9861.4	9147.4	8335.2	7611.2	6892.0
37.5°	9054.1	9310.1	9362.7	9340.6	9077.2	8683.0	8071.0	7430.5	6711.0	6076.5	5461.4
40°	6949.6	7208.7	7298.6	7325.3	7130.9	6825.6	6323.4	5806.4	5219.8	4705.6	4217.2
42.5°	5030.3	5260.1	5346.9	5401.5	5280.3	5076.6	4710.3	4334.9	3905.1	3534.2	3178.7
45°	3493.6	3656.1	3722.2	3777.2	3711.1	3596.3	3364.9	3130.1	2846.5	2604.2	2374.7
47.5°	2442.6	2532.2	2575.9	2602.5	2577.0	2517.1	2391.1	2255.1	2095.0	1953.3	1817.2
50°	1810.5	1858.2	1881.0	1896.4	1877.8	1844.5	1776.3	1702.3	1614.4	1534.1	1455.7
52.5°	1434.8	1462.1	1475.7	1484.0	1473.3	1452.9	1413.2	1369.4	1316.6	1267.0	1241.0
55°	1208.7	1207.3	1238.7	1223.5	1238.7	1204.9	1197.7	1149.5	1105.7	1074.8	1041.5
57.5°	996.8	1011.0	1017.0	1023.8	1019.3	1013.2	996.3	979.1	956.0	936.7	916.1
60°	862.8	874.5	881.1	887.8	887.4	885.1	875.3	865.0	850.6	839.0	826.6
62.5°	770.6	780.7	787.2	793.6	794.2	793.2	785.9	778.7	768.8	761.6	753.0
65°	698.0	705.1	709.6	714.6	714.4	713.0	706.3	700.3	692.3	687.2	680.9
67.5°	622.0	627.4	630.8	635.6	636.6	636.9	633.2	630.4	626.5	625.0	622.8
70°	568.0	574.5	580.1	586.1	589.5	591.0	589.5	588.0	585.7	584.7	583.0
72.5°	527.1	532.6	536.9	542.4	545.5	547.8	546.5	545.8	543.7	543.4	542.3
75°	476.3	480.1	482.5	486.7	488.3	490.4	489.5	490.0	489.3	491.0	490.9
77.5°	415.3	418.1	419.2	422.2	422.5	425.0	425.6	428.5	430.6	435.2	437.7
80°	346.5	348.3	348.3	351.4	352.7	357.0	359.0	363.8	366.1	370.1	370.5
82.5°	269.2	267.1	269.2	267.9	271.8	276.6	277.2	281.3	282.2	284.9	282.8
85°	184.0	183.9	182.3	182.5	181.3	181.9	181.2	181.9	181.3	181.3	179.5
87.5°	88.2	89.0	87.0	87.6	85.8	86.6	85.0	86.3	84.4	84.7	81.8
90°	22.2	22.7	23.2	23.8	24.7	26.4	28.2	29.8	31.9	33.5	35.4
92.5°	24.5	25.5	26.4	27.4	28.3	31.1	33.8	36.6	39.5	42.1	45.0
95°	28.0	28.8	29.6	30.6	31.4	35.4	39.5	43.5	47.6	51.6	55.6
97.5°	31.6	32.2	32.7	33.2	33.8	38.5	43.3	48.0	52.7	57.6	62.2
100°	36.5	37.2	37.7	38.3	39.0	49.9	60.9	71.8	82.7	93.7	104.7
102.5°	59.7	63.5	67.4	71.3	75.1	101.7	128.2	154.7	181.2	207.6	234.1
105°	136.8	149.6	162.6	175.6	188.4	228.6	268.7	308.9	348.9	389.0	429.1
107.5°	277.2	299.8	322.7	345.3	368.1	405.9	443.6	481.2	519.0	556.8	594.3
110°	424.9	444.5	464.1	483.8	503.4	533.3	563.4	593.2	623.1	653.1	682.9



TEST NUMBER: P1444732
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL18

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	511.4	523.2	535.2	547.0	558.9	581.0	603.0	624.9	646.9	668.7	690.7
115°	534.0	540.3	546.7	552.9	559.3	572.5	585.8	599.1	612.3	625.5	638.7
117.5°	519.2	521.5	523.9	525.9	528.2	535.0	541.8	548.6	555.5	562.2	569.0
120°	482.4	482.3	482.1	481.8	481.6	483.6	485.9	488.0	490.1	492.0	494.0
122.5°	440.9	439.2	437.8	436.2	434.6	433.8	433.0	432.2	431.6	430.8	430.1
125°	401.7	400.0	398.4	396.7	395.0	393.1	391.2	389.2	387.3	385.3	383.3
127.5°	368.2	366.7	365.4	363.8	362.4	360.1	357.9	355.6	353.5	351.2	348.9
130°	340.6	339.5	338.6	337.2	336.2	334.2	332.4	330.4	328.4	326.5	324.5
132.5°	320.8	320.1	319.4	318.5	317.7	315.8	314.2	312.3	310.6	308.8	307.2
135°	305.6	305.2	304.8	304.3	303.7	302.3	301.0	299.6	298.3	296.9	295.6
137.5°	293.3	293.0	292.9	292.7	292.4	291.2	290.1	289.0	287.9	286.8	285.7
140°	285.4	285.2	285.2	284.9	284.7	283.5	282.3	281.1	280.0	278.7	277.6
142.5°	277.2	277.1	277.1	276.8	276.6	275.6	274.9	273.9	272.9	272.0	271.2
145°	271.2	271.3	271.4	271.3	271.4	270.2	269.2	268.0	267.1	265.9	264.9
147.5°	265.5	265.6	265.6	265.7	265.8	264.8	264.1	263.1	262.3	261.4	260.7
150°	261.2	261.2	261.3	261.2	261.1	260.2	259.4	258.5	257.7	256.7	255.9
152.5°	257.1	257.2	257.3	257.3	257.4	256.6	255.7	254.7	253.8	252.8	251.9
155°	253.6	253.6	253.7	253.7	253.7	252.9	252.1	251.1	250.3	249.4	248.6
157.5°	250.7	250.8	251.0	251.1	251.1	250.4	249.7	249.0	248.2	247.4	246.7
160°	248.7	248.9	249.1	249.1	249.2	248.6	248.2	247.4	247.0	246.2	245.4
162.5°	247.8	248.0	248.2	248.2	248.3	247.7	247.2	246.7	246.1	245.3	244.6
165°	246.2	246.2	246.3	246.3	246.3	245.9	245.6	245.2	244.8	244.3	243.9
167.5°	246.9	246.9	247.0	247.0	247.0	246.7	246.6	246.2	245.9	245.6	245.3
170°	246.8	246.8	246.9	246.9	246.9	246.6	246.3	246.1	245.9	245.4	245.1
172.5°	246.7	246.6	246.4	246.4	246.3	246.2	245.9	245.7	245.6	245.3	245.2
175°	246.3	246.2	246.2	246.0	245.9	245.9	245.8	245.8	245.7	245.5	245.4
177.5°	247.9	247.7	247.4	247.2	247.0	246.9	246.9	246.7	246.7	246.6	246.5
180°	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6



TEST NUMBER: P1444732
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL18

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19529.8	19409.1	19393.2	19401.7	19421.8	19429.2	19451.0	19457.0	19478.8	19484.3	19505.3
5°	19932.7	19773.3	19781.3	19819.6	19877.6	19912.2	19969.2	19999.1	20053.5	20078.3	20127.5
7.5°	20357.6	20232.4	20271.5	20336.1	20415.4	20470.4	20539.0	20583.5	20642.6	20679.3	20726.6
10°	20566.2	20532.0	20574.9	20625.8	20671.1	20706.5	20735.5	20758.8	20774.1	20788.3	20794.5
12.5°	20407.5	20460.6	20467.9	20462.9	20433.0	20410.1	20358.6	20323.7	20261.6	20223.8	20150.1
15°	19818.9	19935.6	19871.0	19773.1	19629.9	19510.5	19342.0	19216.4	19040.9	18921.8	18745.6
17.5°	18785.9	18933.3	18764.9	18538.4	18250.4	18004.0	17697.2	17453.5	17148.5	16926.5	16641.8
20°	17331.8	17469.5	17169.1	16793.7	16348.2	15973.1	15530.9	15178.1	14767.2	14461.5	14092.6
22.5°	15521.2	15619.3	15196.1	14690.1	14122.4	13653.9	13125.2	12702.2	12233.2	11883.8	11490.3
25°	13518.2	13544.6	13037.0	12454.0	11821.3	11294.9	10730.3	10285.6	9807.3	9453.1	9067.1
27.5°	11496.5	11457.6	10908.9	10290.8	9625.3	9078.1	8527.5	8110.7	7691.8	7372.8	7040.2
30°	9588.2	9494.3	8924.5	8289.2	7643.2	7152.7	6695.6	6360.9	6027.7	5774.6	5507.6
32.5°	7838.4	7705.8	7151.2	6556.0	6011.6	5633.1	5294.1	5040.9	4771.8	4558.0	4334.0
35°	6288.5	6147.2	5655.9	5151.3	4739.3	4460.2	4193.9	3986.1	3757.6	3577.2	3382.7
37.5°	4958.3	4842.5	4431.0	4033.9	3722.2	3506.0	3287.7	3118.0	2929.1	2849.8	2641.9
40°	3827.8	3746.9	3425.1	3132.4	2898.3	2796.8	2575.2	2416.5	2275.4	2159.1	2046.4
42.5°	2985.7	2957.1	2643.9	2415.6	2250.9	2122.9	1999.4	1899.2	1801.6	1721.4	1645.6
45°	2191.1	2168.4	2029.4	1897.6	1785.3	1695.8	1612.5	1543.5	1479.7	1426.8	1378.7
47.5°	1706.2	1698.9	1618.9	1537.1	1466.4	1409.0	1354.8	1309.0	1266.7	1231.4	1219.9
50°	1387.7	1386.8	1339.8	1289.3	1239.0	1205.8	1171.2	1144.1	1117.0	1095.8	1073.5
52.5°	1179.1	1174.0	1142.2	1111.2	1081.3	1059.4	1037.3	1020.1	1002.0	989.0	975.0
55°	1015.1	1020.4	1002.1	983.5	964.8	951.2	935.8	924.4	911.9	903.7	895.4
57.5°	901.2	908.2	898.6	888.1	876.7	867.8	857.1	849.2	841.0	835.7	830.8
60°	818.3	826.0	822.1	816.9	809.8	804.5	797.8	793.3	788.1	785.1	782.3
62.5°	748.0	757.7	756.3	753.8	749.3	746.4	742.6	740.7	737.1	735.8	734.6
65°	677.8	688.7	688.5	687.3	684.8	683.9	681.7	681.2	679.4	680.1	680.0
67.5°	622.6	632.2	634.2	635.7	635.6	636.2	636.0	637.0	637.0	638.3	639.1
70°	582.9	589.5	591.0	592.6	593.0	594.3	594.3	595.1	594.9	596.0	596.2
72.5°	542.6	551.2	552.9	554.1	554.1	555.4	554.7	554.5	552.8	552.4	551.2
75°	492.5	503.6	506.1	507.6	507.9	508.9	507.5	506.5	503.6	502.5	500.5
77.5°	440.2	451.8	453.5	454.1	453.2	453.3	450.2	448.0	444.4	442.8	440.9
80°	372.1	389.2	390.5	389.4	386.7	386.4	383.3	381.2	376.9	375.4	373.7
82.5°	283.1	303.1	305.9	307.2	305.0	305.5	302.5	301.4	297.4	296.6	294.0
85°	178.8	198.8	202.0	201.6	199.4	198.8	197.1	197.8	197.4	198.4	199.0
87.5°	82.1	101.4	106.1	104.6	104.4	103.0	100.0	101.1	103.0	104.1	104.2
90°	37.2	44.8	46.4	45.4	42.5	41.1	38.4	37.5	35.2	34.1	31.7
92.5°	47.8	50.5	53.3	50.8	48.3	45.9	43.4	40.8	38.4	35.9	33.4
95°	59.6	63.5	67.5	64.3	60.8	57.6	54.2	50.9	47.6	44.3	41.0
97.5°	66.9	71.6	76.2	73.0	69.6	66.3	62.9	59.6	56.3	52.9	49.6
100°	115.6	126.2	137.1	127.7	118.3	108.9	99.4	90.0	80.6	71.1	61.7
102.5°	260.6	286.9	313.2	289.4	265.6	241.8	218.1	194.2	170.5	146.6	122.8
105°	469.1	509.0	549.0	512.5	476.2	439.9	403.6	367.2	331.0	294.6	258.4
107.5°	631.9	669.1	706.7	673.8	641.0	608.1	575.2	542.4	509.5	476.7	443.9
110°	712.8	742.1	771.8	749.7	727.6	705.5	683.4	661.3	639.2	617.3	595.3



TEST NUMBER: P1444732
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL18

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	712.6	733.6	755.2	742.2	729.3	716.4	703.5	690.4	677.7	664.7	651.9
115°	651.7	664.0	676.8	671.5	666.4	661.2	656.0	650.9	645.8	640.6	635.6
117.5°	575.7	581.2	587.6	586.5	585.5	584.3	583.3	582.3	581.4	580.4	579.5
120°	496.2	496.8	498.5	498.9	499.6	500.0	500.7	501.2	501.8	502.4	503.1
122.5°	429.1	426.9	425.6	426.0	426.5	426.9	427.3	427.9	428.4	428.9	429.5
125°	381.3	377.8	375.2	374.1	373.2	372.1	371.1	370.0	369.1	368.2	367.2
127.5°	346.8	342.7	340.1	337.9	335.6	333.4	331.2	328.9	326.8	324.6	322.6
130°	322.6	318.8	316.3	313.5	310.8	308.1	305.3	302.5	299.7	297.1	294.4
132.5°	305.3	301.6	299.4	296.6	294.2	291.4	288.8	286.1	283.5	280.7	278.2
135°	294.2	290.8	288.9	286.5	284.2	281.8	279.4	276.9	274.5	272.1	269.7
137.5°	284.6	281.2	279.6	277.6	275.8	273.8	271.9	269.9	268.0	265.8	264.0
140°	276.3	272.8	271.2	270.0	269.0	267.7	266.6	265.5	264.3	263.2	261.9
142.5°	270.2	266.8	265.4	264.6	263.9	263.2	262.5	261.7	260.9	260.0	259.2
145°	263.9	260.1	258.5	258.2	258.3	258.1	257.9	257.9	257.7	257.4	257.3
147.5°	259.7	255.8	254.2	254.2	254.4	254.3	254.6	254.5	254.7	254.6	254.8
150°	254.9	250.5	248.7	249.0	249.1	249.4	249.7	249.9	250.1	250.4	250.6
152.5°	250.9	245.6	243.6	243.9	244.3	244.5	244.8	245.2	245.5	246.0	246.2
155°	247.5	241.9	239.7	239.7	239.9	240.0	240.1	240.4	240.5	240.7	241.1
157.5°	245.8	239.9	237.8	237.6	237.6	237.6	237.7	237.9	238.0	238.1	238.3
160°	244.9	239.0	236.9	236.7	236.7	236.7	236.6	236.7	236.8	236.9	237.1
162.5°	244.0	238.2	236.2	236.0	235.9	235.8	235.8	235.8	235.9	235.9	236.1
165°	243.3	238.4	236.6	236.5	236.6	236.6	236.6	236.7	236.8	236.9	237.2
167.5°	244.8	240.3	239.0	238.7	238.5	238.3	238.3	238.0	238.0	237.9	237.9
170°	244.7	241.2	239.9	239.9	240.0	240.0	239.9	240.0	240.0	240.0	240.1
172.5°	244.9	242.3	241.4	241.5	241.8	241.9	242.1	242.3	242.4	242.6	242.9
175°	245.3	243.8	243.4	243.3	243.4	243.5	243.6	243.8	243.9	244.0	244.3
177.5°	246.4	246.0	245.7	245.7	245.7	245.7	245.7	245.7	245.7	245.8	245.8
180°	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6



TEST NUMBER: P1444732
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL18

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19509.2	19531.9	19530.2	19551.4	19550.4	19570.4	19566.4	19583.7	19579.7	19594.5	19585.9
5°	20149.1	20192.4	20206.7	20245.8	20253.8	20288.7	20289.4	20317.3	20313.9	20335.6	20324.1
7.5°	20754.5	20794.9	20814.0	20844.4	20859.5	20884.6	20894.5	20915.2	20920.1	20932.3	20931.9
10°	20805.6	20805.4	20814.9	20810.7	20819.2	20814.3	20824.6	20820.9	20836.1	20832.2	20843.8
12.5°	20118.1	20049.9	20025.1	19963.8	19950.4	19897.7	19901.5	19867.8	19884.0	19863.3	19898.6
15°	18640.7	18482.5	18404.3	18266.7	18223.5	18114.7	18105.9	18033.7	18053.2	18015.4	18070.7
17.5°	16457.6	16208.4	16071.7	15870.7	15791.0	15637.1	15606.3	15513.3	15527.7	15480.8	15547.5
20°	13854.6	13553.5	13381.0	13148.7	13045.0	12861.6	12813.0	12708.9	12722.0	12675.4	12750.9
22.5°	11221.9	10906.8	10712.1	10468.5	10336.1	10163.7	10111.9	10007.4	10013.3	9969.6	10042.2
25°	8802.6	8500.5	8311.5	8090.2	7975.3	7817.3	7762.9	7669.0	7674.3	7638.3	7703.3
27.5°	6809.4	6561.6	6403.4	6218.0	6115.0	5985.0	5932.0	5853.1	5852.8	5826.3	5880.8
30°	5321.2	5114.3	4972.3	4810.9	4714.2	4596.8	4545.6	4475.0	4471.9	4453.2	4496.4
32.5°	4166.4	3982.4	3852.9	3710.8	3624.0	3523.3	3474.8	3418.0	3412.9	3395.8	3431.4
35°	3238.9	3083.9	2972.5	2852.9	2861.6	2713.2	2737.8	2622.5	2591.2	2584.4	2610.8
37.5°	2503.3	2383.2	2292.7	2203.1	2142.5	2079.7	2045.9	2015.5	2012.1	2009.2	2027.6
40°	1959.4	1875.4	1809.6	1748.1	1706.3	1668.0	1646.9	1630.2	1626.2	1624.1	1635.2
42.5°	1585.8	1529.2	1486.7	1449.2	1423.8	1403.0	1391.4	1382.2	1379.1	1379.1	1385.7
45°	1339.8	1305.4	1278.1	1254.8	1238.6	1245.7	1224.7	1235.7	1221.2	1236.2	1226.3
47.5°	1179.9	1150.6	1133.6	1117.1	1107.4	1099.5	1099.7	1099.9	1103.0	1103.5	1106.7
50°	1056.5	1039.6	1027.8	1017.3	1012.2	1008.0	1009.4	1010.5	1013.5	1013.7	1016.1
52.5°	965.1	954.0	946.9	940.4	938.1	935.8	936.8	936.3	937.7	937.0	938.9
55°	890.8	885.6	883.4	881.0	881.3	880.7	881.0	878.7	877.2	875.5	877.1
57.5°	829.8	829.1	830.7	831.6	834.5	835.5	836.1	833.4	830.7	828.4	829.7
60°	782.9	784.0	787.7	790.8	794.8	796.7	797.8	796.2	794.3	792.4	793.6
62.5°	736.5	738.3	742.7	746.1	751.0	753.5	756.3	756.4	757.1	756.4	757.2
65°	682.7	684.9	688.9	691.7	696.2	698.5	701.3	701.9	703.4	703.0	704.4
67.5°	641.8	643.9	647.2	649.8	653.8	656.2	658.6	658.8	659.4	659.3	660.5
70°	598.2	599.2	602.2	604.4	608.4	610.8	613.7	614.6	616.3	616.7	618.0
72.5°	551.7	551.2	553.0	554.0	557.1	558.9	562.6	564.6	567.6	568.4	569.5
75°	501.0	500.7	502.7	503.6	506.2	508.1	512.2	514.8	519.5	521.4	521.0
77.5°	442.5	443.5	447.5	449.7	453.2	455.5	460.8	465.0	473.6	477.3	473.5
80°	376.9	377.9	382.1	384.2	388.7	391.5	397.5	402.5	410.1	411.8	409.7
82.5°	296.3	296.6	300.4	301.9	307.8	312.0	319.6	323.5	328.2	327.5	326.9
85°	202.0	204.7	209.5	214.1	221.2	228.1	235.3	241.1	237.0	243.5	236.2
87.5°	107.9	107.7	114.0	113.0	123.1	128.9	135.0	137.9	141.3	140.6	140.7
90°	31.0	29.4	29.4	27.5	27.9	26.0	27.0	25.1	26.5	24.3	27.6
92.5°	30.9	29.6	28.2	27.0	25.6	24.3	22.8	21.6	20.2	18.9	20.2
95°	37.7	36.4	35.3	33.9	32.6	31.4	30.2	28.9	27.7	26.5	28.0
97.5°	46.3	45.6	44.9	44.1	43.4	42.8	42.1	41.3	40.6	39.9	40.9
100°	52.3	52.3	52.3	52.3	52.2	52.2	52.2	52.2	52.2	52.2	53.0
102.5°	99.0	96.6	94.3	91.9	89.5	87.1	84.7	82.4	80.0	77.7	81.2
105°	222.1	212.8	203.4	194.1	184.8	175.6	166.2	157.0	147.6	138.4	148.0
107.5°	411.2	394.2	377.1	360.3	343.2	326.3	309.3	292.5	275.5	258.6	273.7
110°	573.3	555.3	537.3	519.3	501.3	483.2	465.2	447.3	429.3	411.4	425.8



TEST NUMBER: P1444732
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL18

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	639.1	627.3	615.7	604.0	592.4	580.8	569.3	557.7	546.2	534.6	541.5
115°	630.4	624.9	619.3	613.8	608.2	602.6	597.1	591.7	586.1	580.7	581.1
117.5°	578.6	576.7	574.7	572.8	571.0	569.1	567.3	565.5	563.7	562.0	558.1
120°	503.8	504.3	504.7	505.3	505.9	506.5	506.9	507.6	508.4	509.1	503.8
122.5°	430.1	431.3	432.5	433.9	435.2	436.7	438.0	439.6	441.1	442.7	437.4
125°	366.2	367.4	368.6	369.9	371.1	372.5	373.9	375.4	376.9	378.5	374.0
127.5°	320.4	320.7	320.9	321.4	321.7	322.2	322.8	323.5	324.2	325.0	322.2
130°	291.7	291.0	290.4	289.8	289.1	288.8	288.5	288.0	287.8	287.7	286.5
132.5°	275.5	274.3	272.9	271.6	270.4	269.4	268.3	267.5	266.6	265.8	265.5
135°	267.2	265.5	263.7	262.1	260.4	259.0	257.5	256.2	255.0	253.8	254.0
137.5°	262.0	260.3	258.5	256.9	255.2	253.9	252.3	251.0	249.8	248.6	249.1
140°	260.8	258.9	257.3	255.7	254.1	252.7	251.2	250.0	248.6	247.6	247.9
142.5°	258.5	257.0	255.4	254.0	252.5	251.1	250.0	248.8	247.5	246.5	246.9
145°	257.1	255.9	254.8	253.7	252.7	251.7	250.6	249.9	249.1	248.4	248.6
147.5°	254.7	253.9	252.9	252.1	251.1	250.6	249.9	249.3	248.7	248.2	248.2
150°	250.9	250.3	249.8	249.2	248.8	248.3	247.9	247.5	247.2	246.8	246.8
152.5°	246.6	246.2	245.6	245.2	244.8	244.3	244.0	243.7	243.4	243.1	243.1
155°	241.3	241.1	240.8	240.7	240.5	240.4	240.3	240.4	240.2	240.2	240.3
157.5°	238.4	238.5	238.4	238.5	238.5	238.5	238.4	238.6	238.5	238.8	238.9
160°	237.4	237.3	237.2	237.1	237.1	237.0	237.1	237.0	237.1	237.1	237.4
162.5°	236.2	236.4	236.5	236.6	236.8	237.0	237.2	237.5	237.6	237.9	238.1
165°	237.4	237.4	237.4	237.3	237.4	237.5	237.5	237.5	237.6	237.8	238.1
167.5°	237.8	238.0	238.0	238.2	238.3	238.6	238.8	239.1	239.4	239.7	240.0
170°	240.1	240.1	240.1	240.1	240.1	240.2	240.3	240.4	240.4	240.6	240.8
172.5°	243.0	243.0	242.9	243.0	242.9	243.0	243.0	243.1	243.1	243.2	243.3
175°	244.2	244.4	244.5	244.7	244.8	244.9	245.0	245.2	245.3	245.3	245.3
177.5°	245.8	245.9	245.9	245.9	245.9	246.0	246.0	246.0	246.0	245.9	246.0
180°	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6



TEST NUMBER: P1444732
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL18

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19600.3	19590.4	19600.5	19590.3	19600.5	19588.3	19596.6	19583.3	19586.7	19573.0	19576.5
5°	20341.4	20325.7	20334.0	20313.7	20315.9	20288.7	20288.3	20256.7	20248.4	20212.4	20196.6
7.5°	20940.6	20935.6	20938.4	20925.3	20923.9	20905.3	20896.5	20870.4	20854.0	20820.9	20798.3
10°	20845.8	20861.1	20865.0	20880.6	20883.8	20899.2	20902.5	20917.9	20921.1	20932.5	20932.7
12.5°	19897.0	19948.8	19961.3	20025.3	20052.3	20125.6	20164.9	20245.8	20293.7	20374.3	20423.8
15°	18069.1	18158.8	18194.6	18319.8	18389.1	18535.1	18626.9	18794.5	18912.9	19091.1	19218.2
17.5°	15553.4	15678.9	15735.5	15905.2	16015.8	16231.4	16386.8	16642.6	16838.4	17122.6	17347.9
20°	12763.7	12903.1	12980.0	13173.6	13304.2	13556.1	13750.1	14064.3	14326.4	14686.6	14994.6
22.5°	10065.0	10197.6	10282.8	10479.8	10626.9	10889.6	11106.4	11438.1	11731.8	12137.7	12506.9
25°	7728.0	7849.5	7926.7	8104.8	8242.9	8484.3	8691.3	9010.4	9297.7	9704.8	10083.5
27.5°	5907.9	6009.8	6084.1	6235.9	6357.8	6562.5	6740.4	7004.0	7251.6	7603.8	7941.0
30°	4523.0	4613.3	4685.6	4817.9	4930.8	5108.3	5264.7	5486.2	5691.0	5971.3	6239.5
32.5°	3456.4	3534.0	3598.5	3714.2	3816.7	3976.5	4117.5	4311.6	4487.4	4725.1	4945.8
35°	2635.3	2788.2	2777.4	2937.1	2962.8	3077.4	3203.1	3372.9	3528.7	3730.7	3918.6
37.5°	2045.5	2088.5	2134.5	2205.1	2279.2	2383.6	2489.9	2697.2	2773.3	2926.0	3081.5
40°	1649.4	1678.5	1708.9	1756.6	1808.6	1882.1	1959.4	2058.4	2159.8	2283.6	2410.0
42.5°	1394.5	1410.9	1430.3	1458.3	1490.3	1537.0	1588.7	1655.8	1726.3	1813.5	1902.4
45°	1245.8	1238.0	1243.8	1258.9	1278.2	1306.5	1339.2	1380.7	1426.6	1483.0	1543.2
47.5°	1107.4	1110.5	1112.2	1120.4	1130.7	1149.8	1169.5	1197.7	1252.2	1268.8	1301.6
50°	1015.9	1017.4	1016.9	1021.1	1026.2	1038.7	1051.4	1070.6	1089.6	1114.9	1139.0
52.5°	939.2	941.3	941.0	943.8	946.6	954.4	962.5	976.0	988.4	1004.6	1018.4
55°	878.6	881.6	882.8	885.0	886.4	890.5	893.7	900.2	905.4	914.6	923.0
57.5°	832.1	836.1	838.0	838.7	837.1	836.9	835.8	837.2	838.3	843.2	847.9
60°	795.4	798.7	799.1	798.7	795.7	793.5	790.0	789.0	788.4	790.8	793.3
62.5°	757.1	758.1	757.4	756.4	753.0	750.9	747.4	746.1	744.8	746.5	747.8
65°	703.9	704.9	703.9	703.4	700.3	698.6	695.6	694.6	692.9	693.3	693.1
67.5°	660.8	661.8	661.1	660.3	658.1	657.1	654.8	653.5	651.4	650.6	649.1
70°	617.8	618.7	617.4	616.7	614.2	613.2	611.1	610.8	609.1	608.8	607.1
72.5°	568.4	568.4	566.7	566.3	564.5	564.4	563.6	564.4	564.3	565.1	564.7
75°	517.9	517.2	515.0	514.6	513.3	513.9	513.0	514.2	514.3	516.2	516.4
77.5°	467.2	464.5	460.4	458.5	455.8	455.4	453.9	454.9	454.5	456.7	457.6
80°	403.2	400.0	394.7	392.3	389.0	388.5	387.1	388.5	387.7	390.3	392.1
82.5°	321.9	319.1	313.7	311.7	307.9	308.2	306.7	308.2	308.1	311.8	314.0
85°	238.1	236.3	230.7	225.7	220.1	217.0	213.8	213.3	212.3	213.8	215.1
87.5°	137.5	135.8	131.4	128.6	118.9	119.3	115.5	115.3	114.4	113.5	115.5
90°	27.4	30.2	30.1	32.7	32.9	35.9	36.3	39.2	39.2	42.1	42.5
92.5°	21.6	22.8	24.2	25.6	26.9	28.2	29.5	30.9	33.8	36.5	39.6
95°	29.5	31.1	32.6	34.3	35.8	37.3	38.9	40.4	44.7	48.9	53.1
97.5°	42.0	43.0	44.0	45.0	46.0	47.0	48.1	49.1	53.7	58.2	62.7
100°	53.8	54.7	55.5	56.4	57.2	58.0	58.8	59.6	68.5	77.3	86.0
102.5°	84.7	88.2	91.7	95.2	98.7	102.2	105.7	109.2	129.4	149.5	169.7
105°	157.6	167.2	176.8	186.3	195.9	205.6	215.3	224.9	257.1	289.4	321.7
107.5°	288.9	304.1	319.3	334.5	349.8	365.0	380.2	395.4	426.9	458.3	489.8
110°	440.3	454.8	469.3	483.8	498.3	512.8	527.3	541.9	560.7	579.6	598.6



TEST NUMBER: P1444732
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL18

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	548.6	555.6	562.7	569.8	577.0	584.0	591.2	598.4	607.8	617.3	626.7
115°	581.6	582.0	582.5	583.0	583.6	584.0	584.8	585.3	588.4	591.5	594.5
117.5°	554.2	550.4	546.6	542.7	539.0	535.4	531.6	528.0	527.5	526.9	526.6
120°	498.8	493.7	488.5	483.3	478.4	473.3	468.4	463.5	461.0	458.6	456.2
122.5°	432.3	427.2	422.2	417.0	412.1	407.1	402.3	397.5	395.9	394.2	392.5
125°	369.8	365.5	361.4	357.3	353.2	349.2	345.3	341.3	341.4	341.3	341.6
127.5°	319.7	317.1	314.6	312.2	309.9	307.5	305.3	303.1	304.4	305.7	307.0
130°	285.3	284.3	283.4	282.3	281.6	280.9	280.1	279.3	281.5	283.6	285.8
132.5°	265.5	265.3	265.4	265.3	265.6	265.6	266.0	266.1	268.5	271.0	273.4
135°	254.4	254.8	255.4	255.9	256.7	257.3	258.1	258.8	261.2	263.4	265.9
137.5°	249.8	250.3	251.1	251.8	252.8	253.6	254.7	255.5	257.4	259.2	261.1
140°	248.4	248.9	249.5	250.1	250.9	251.6	252.5	253.2	254.9	256.3	257.9
142.5°	247.5	247.9	248.4	249.1	249.9	250.4	251.3	251.9	253.1	254.2	255.4
145°	249.0	249.2	249.8	250.2	250.8	251.3	251.9	252.4	253.2	254.0	254.7
147.5°	248.5	248.8	249.1	249.4	249.9	250.2	250.6	251.0	251.6	252.1	252.6
150°	247.0	247.1	247.3	247.3	247.7	248.0	248.2	248.5	249.0	249.3	249.9
152.5°	243.3	243.4	243.6	243.6	243.9	244.1	244.3	244.5	245.0	245.3	245.8
155°	240.4	240.7	241.0	241.3	241.6	241.7	242.1	242.4	242.7	243.0	243.3
157.5°	239.2	239.4	239.7	239.8	240.2	240.4	240.7	240.9	241.3	241.5	241.8
160°	237.7	238.1	238.4	238.8	239.3	239.5	239.9	240.3	240.5	240.8	241.1
162.5°	238.5	238.7	239.0	239.2	239.5	239.8	240.0	240.3	240.7	241.0	241.4
165°	238.5	238.9	239.4	239.6	240.1	240.5	240.8	241.2	241.4	241.7	241.9
167.5°	240.4	240.5	241.0	241.4	241.8	242.1	242.4	242.8	243.1	243.2	243.5
170°	241.1	241.4	241.7	242.1	242.4	242.6	243.0	243.3	243.6	243.9	244.3
172.5°	243.4	243.7	244.0	244.2	244.4	244.7	245.0	245.2	245.4	245.7	245.9
175°	245.3	245.3	245.4	245.5	245.6	245.6	245.6	245.8	245.9	246.0	246.0
177.5°	246.1	246.2	246.3	246.4	246.5	246.7	246.8	246.9	246.9	246.9	246.9
180°	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6



TEST NUMBER: P1444732
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL18

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19562.8	19563.7	19547.9	19547.0	19532.2	19530.4	19516.0	19511.5	19499.9	19495.7	19483.7
5°	20156.3	20137.1	20092.7	20066.6	20022.7	19993.6	19946.1	19915.1	19869.3	19834.7	19788.6
7.5°	20756.6	20726.7	20676.9	20636.5	20575.6	20527.0	20455.7	20397.3	20320.1	20253.3	20172.3
10°	20932.7	20928.0	20915.4	20896.9	20868.5	20836.7	20788.2	20737.6	20669.9	20596.5	20506.3
12.5°	20499.4	20546.2	20610.0	20647.8	20693.9	20714.0	20732.8	20728.1	20715.7	20678.5	20626.4
15°	19402.1	19533.6	19707.7	19842.5	19997.7	20110.4	20235.1	20312.6	20390.0	20425.8	20447.7
17.5°	17656.6	17905.4	18217.6	18476.2	18774.6	19014.2	19277.0	19474.7	19678.1	19823.9	19955.6
20°	15414.4	15775.0	16216.4	16606.3	17059.7	17453.7	17885.5	18240.0	18605.5	18891.3	19161.8
22.5°	12982.4	13410.7	13944.2	14438.5	15023.0	15548.3	16141.0	16656.9	17195.4	17645.4	18080.5
25°	10590.9	11060.6	11644.1	12195.6	12857.5	13468.5	14171.5	14814.3	15510.4	16114.8	16711.8
27.5°	8407.2	8868.2	9464.0	10051.0	10751.0	11402.1	12155.1	12863.4	13656.1	14387.0	15134.7
30°	6612.3	7003.4	7537.5	8106.1	8796.6	9459.1	10220.3	10948.8	11773.3	12571.4	13413.6
32.5°	5238.8	5536.7	5956.6	6437.4	7074.4	7705.1	8429.9	9133.2	9945.1	10751.3	11627.3
35°	4160.5	4392.9	4713.1	5088.3	5627.7	6171.4	6812.5	7452.0	8209.6	8974.6	9826.0
37.5°	3280.8	3469.3	3720.1	4002.0	4434.7	4880.8	5406.5	5936.7	6594.9	7273.0	8044.7
40°	2561.9	2714.6	2909.8	3120.0	3446.8	3790.5	4197.1	4608.2	5137.1	5691.3	6329.9
42.5°	2012.6	2125.3	2263.1	2416.7	2721.5	2904.1	3179.8	3477.1	3865.9	4268.3	4748.3
45°	1616.3	1693.1	1788.7	1891.8	2033.3	2188.1	2376.9	2574.9	2944.2	3125.4	3417.4
47.5°	1349.8	1401.4	1462.2	1527.1	1610.5	1700.5	1812.6	1927.0	2075.1	2228.6	2408.6
50°	1170.3	1222.7	1243.6	1277.2	1325.5	1377.0	1440.1	1503.2	1582.6	1663.1	1755.7
52.5°	1037.0	1054.2	1076.9	1098.2	1128.2	1186.7	1205.6	1238.7	1283.2	1326.8	1375.4
55°	935.3	946.4	961.3	974.1	992.2	1009.5	1034.5	1056.4	1086.1	1112.3	1144.7
57.5°	856.1	863.2	873.4	881.9	893.6	903.4	918.0	929.9	947.0	961.9	981.5
60°	798.6	803.3	810.2	815.7	823.2	828.3	835.5	841.1	850.1	857.7	868.6
62.5°	751.6	754.0	758.5	761.8	766.5	769.1	772.9	775.4	780.3	784.2	790.2
65°	695.2	695.8	698.8	700.1	703.9	705.2	708.4	709.6	713.6	716.5	721.8
67.5°	649.0	647.7	647.8	646.7	647.2	646.1	646.4	645.2	646.9	647.8	651.8
70°	606.8	605.0	604.4	602.5	601.9	599.9	599.4	597.5	597.4	596.7	598.2
72.5°	565.7	565.2	565.4	564.0	563.8	562.5	562.6	561.7	562.6	563.0	564.9
75°	518.4	518.6	519.5	518.2	518.6	517.5	517.9	516.9	517.4	517.2	519.1
77.5°	460.9	462.2	464.8	464.2	465.0	463.8	464.3	462.8	463.2	462.2	463.0
80°	396.2	399.1	402.4	402.2	403.7	402.8	404.0	402.6	403.2	401.5	401.1
82.5°	319.3	321.7	325.4	325.5	328.6	329.3	332.7	332.6	334.8	333.3	332.4
85°	218.3	220.0	223.1	224.9	228.0	230.1	233.5	234.8	232.4	236.8	233.3
87.5°	114.0	118.3	115.8	121.4	120.1	125.7	124.4	129.6	128.6	133.0	132.5
90°	46.2	47.0	50.9	51.8	56.4	57.8	59.6	57.9	59.6	58.0	59.5
92.5°	42.3	45.3	48.2	51.1	54.0	57.0	54.2	51.6	48.9	46.3	43.5
95°	57.4	61.5	65.8	70.1	74.2	78.5	74.0	69.5	65.0	60.5	55.8
97.5°	67.2	71.9	76.4	80.9	85.6	90.1	84.7	79.4	74.0	68.7	63.4
100°	94.8	103.7	112.5	121.2	130.1	138.8	129.0	118.9	108.9	98.9	88.9
102.5°	190.0	210.2	230.4	250.5	270.6	290.8	269.6	248.6	227.3	206.0	184.8
105°	353.9	386.3	418.5	450.8	483.2	515.5	481.2	446.7	412.3	378.0	343.5
107.5°	521.3	552.8	584.4	615.8	647.3	678.8	644.0	609.1	574.3	539.4	504.6
110°	617.6	636.5	655.5	674.6	693.4	712.5	687.1	661.6	636.2	610.7	585.3



TEST NUMBER: P1444732
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL18

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	636.3	645.9	655.4	665.0	674.5	684.1	665.9	647.8	629.6	611.5	593.3
115°	597.6	600.7	603.9	607.0	610.1	613.2	601.0	588.8	576.6	564.5	552.0
117.5°	526.1	525.7	525.1	524.9	524.4	524.0	517.2	510.4	503.6	496.8	490.0
120°	453.7	451.4	449.0	446.6	444.2	441.7	438.9	436.1	433.2	430.4	427.4
122.5°	390.9	389.4	387.8	386.2	384.5	382.7	381.7	380.8	379.7	378.7	377.6
125°	341.6	341.7	341.7	341.9	341.9	341.9	341.4	341.0	340.4	340.1	339.5
127.5°	308.2	309.5	310.7	311.9	313.0	314.3	314.2	314.3	314.2	314.2	314.1
130°	287.9	289.9	292.0	294.0	296.0	298.2	297.8	297.7	297.5	297.3	297.0
132.5°	275.8	278.2	280.6	283.0	285.3	287.7	287.3	287.1	286.7	286.5	286.1
135°	268.1	270.4	272.5	275.0	277.1	279.2	278.8	278.5	278.0	277.7	277.2
137.5°	262.9	264.8	266.6	268.5	270.1	271.9	271.4	271.1	270.5	270.3	269.8
140°	259.2	260.8	262.1	263.7	265.0	266.5	265.9	265.3	264.7	264.1	263.5
142.5°	256.5	257.7	258.7	259.8	260.8	261.9	260.9	260.1	259.3	258.5	257.7
145°	255.5	256.3	256.9	257.7	258.3	259.0	257.9	257.0	255.9	255.0	254.0
147.5°	253.0	253.6	253.9	254.5	254.8	255.3	254.2	253.3	252.3	251.3	250.3
150°	250.1	250.8	251.1	251.4	251.8	252.2	251.1	250.1	249.0	247.9	247.0
152.5°	246.2	246.6	246.9	247.2	247.5	247.9	246.7	246.0	244.8	243.8	242.8
155°	243.4	243.8	244.0	244.3	244.3	244.5	243.6	243.0	242.0	241.2	240.3
157.5°	242.0	242.3	242.5	242.6	242.8	243.0	242.4	241.8	241.1	240.4	239.7
160°	241.3	241.5	241.7	241.9	242.1	242.2	241.6	241.2	240.6	240.0	239.5
162.5°	241.6	242.1	242.4	242.6	242.9	243.2	242.4	241.9	241.3	240.5	239.9
165°	242.2	242.4	242.5	242.8	242.8	243.1	242.6	242.2	241.7	241.4	240.8
167.5°	243.6	243.9	244.1	244.3	244.3	244.5	244.1	243.8	243.3	242.8	242.4
170°	244.4	244.7	245.1	245.3	245.4	245.6	245.3	245.0	244.5	244.3	243.8
172.5°	246.2	246.4	246.5	246.8	246.9	247.2	246.7	246.3	246.0	245.6	245.2
175°	246.0	246.1	246.2	246.2	246.2	246.3	246.1	245.7	245.4	245.1	244.8
177.5°	246.9	246.9	246.9	246.8	246.8	246.8	246.6	246.3	246.2	246.0	245.6
180°	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6



TEST NUMBER: P1444732
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL18

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19479.6	19471.0	19465.6	19458.6	19454.4	19449.0	19445.1	19441.7	19438.9	19436.5	19434.6
5°	19753.4	19709.8	19676.0	19639.5	19609.4	19579.4	19556.3	19537.2	19524.0	19514.1	19508.2
7.5°	20102.2	20022.4	19951.6	19877.0	19810.1	19744.3	19687.6	19638.8	19602.1	19578.3	19563.9
10°	20413.6	20306.9	20201.4	20090.3	19985.0	19882.9	19788.6	19705.7	19640.0	19596.4	19570.9
12.5°	20553.2	20462.3	20354.5	20234.0	20104.9	19974.3	19847.1	19732.2	19635.9	19571.3	19533.9
15°	20430.2	20392.9	20319.8	20226.2	20103.7	19968.7	19819.2	19678.9	19549.6	19465.8	19417.2
17.5°	20030.2	20082.3	20076.7	20040.9	19952.9	19839.3	19687.0	19529.2	19367.6	19255.6	19194.4
20°	19355.3	19519.1	19602.1	19644.8	19610.2	19536.5	19398.6	19238.5	19050.0	18903.9	18814.6
22.5°	18406.8	18695.8	18876.0	19007.8	19035.8	19010.7	18888.9	18736.6	18526.6	18350.8	18219.0
25°	17185.7	17609.2	17893.9	18117.2	18203.8	18226.2	18122.6	17971.1	17737.0	17532.3	17351.2
27.5°	15747.6	16297.8	16677.9	16977.8	17113.1	17171.9	17076.5	16922.0	16645.0	16400.6	16164.1
30°	14128.4	14781.2	15238.8	15598.5	15763.4	15841.0	15739.7	15567.2	15245.0	14950.8	14653.0
32.5°	12395.3	13109.8	13608.4	13999.0	14162.5	14235.4	14102.9	13909.2	13536.7	13190.2	12842.8
35°	10580.9	11302.0	11804.9	12185.0	12322.0	12366.0	12196.6	11972.6	11560.0	11179.7	10800.9
37.5°	8729.5	9400.4	9857.4	10198.6	10283.4	10291.0	10086.8	9839.5	9405.8	9030.8	8653.7
40°	6894.1	7459.9	7829.0	8101.9	8131.4	8105.1	7883.2	7634.3	7228.5	6892.5	6561.6
42.5°	5165.3	5592.3	5855.6	6042.8	6031.6	5979.8	5776.2	5562.3	5227.5	4971.7	4711.1
45°	3684.1	3965.7	4119.7	4229.2	4194.0	4144.6	3986.1	3836.2	3608.7	3443.4	3268.4
47.5°	2559.4	2895.7	2837.2	3051.2	2866.8	2988.6	2734.9	2595.1	2474.4	2386.5	2287.6
50°	1832.3	1909.4	1946.6	1972.0	1958.5	1939.8	1894.2	1853.4	1798.3	1758.1	1711.2
52.5°	1415.1	1453.6	1474.7	1489.9	1486.9	1480.1	1460.3	1442.1	1416.2	1399.3	1378.7
55°	1198.6	1199.2	1238.0	1221.4	1245.9	1217.1	1228.4	1196.5	1201.7	1174.2	1155.8
57.5°	996.0	1011.8	1018.9	1025.8	1023.9	1022.6	1014.9	1011.1	1002.4	999.8	993.6
60°	876.1	884.4	886.1	889.3	886.6	885.6	879.6	877.4	871.6	870.5	866.5
62.5°	793.9	798.1	798.1	798.1	794.7	791.4	784.7	781.2	776.3	775.2	772.8
65°	725.3	729.7	730.4	731.3	728.9	726.2	720.4	716.5	711.5	709.6	706.8
67.5°	654.6	659.2	660.7	663.2	661.7	661.2	657.2	655.6	652.3	651.5	649.0
70°	598.9	600.8	600.7	600.6	597.5	594.6	590.0	587.8	584.3	583.6	581.2
72.5°	565.8	567.2	566.4	565.1	561.0	556.8	551.4	547.4	542.8	539.9	536.7
75°	519.2	521.0	520.0	519.1	515.4	512.7	508.4	506.2	502.9	502.0	499.7
77.5°	462.1	463.0	461.0	460.9	458.1	456.3	453.1	452.4	450.1	450.2	448.0
80°	398.4	398.0	395.0	394.3	391.5	390.8	388.3	388.5	386.5	387.4	385.8
82.5°	327.8	326.1	322.1	321.0	317.8	317.5	315.8	317.2	316.0	317.8	316.8
85°	234.9	235.5	233.7	233.7	232.8	233.1	232.9	234.0	234.2	235.7	235.6
87.5°	131.0	132.9	132.5	134.2	134.1	136.1	136.8	139.6	139.9	142.7	142.7
90°	58.0	59.9	58.3	60.3	59.6	62.3	62.1	64.7	64.1	66.3	65.2
92.5°	40.9	38.2	35.6	32.8	31.4	29.9	29.0	27.3	26.1	24.6	23.3
95°	51.3	46.8	42.2	37.7	36.2	34.5	33.0	31.4	29.8	28.3	26.7
97.5°	58.0	52.6	47.2	41.9	40.5	39.2	37.8	36.4	35.1	33.7	32.4
100°	78.9	68.9	58.9	48.9	47.7	46.6	45.4	44.3	43.1	42.1	40.9
102.5°	163.6	142.3	121.1	99.8	95.8	91.7	87.7	83.7	79.6	75.6	71.6
105°	309.1	274.7	240.2	205.7	194.8	183.8	172.9	162.0	151.0	140.0	129.2
107.5°	469.7	434.7	399.7	364.7	344.6	324.4	304.1	283.8	263.7	243.3	223.0
110°	559.8	534.3	508.7	483.2	467.0	450.7	434.4	418.1	402.0	385.6	369.2



TEST NUMBER: P1444732
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL18

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	575.1	556.8	538.6	520.2	513.0	505.6	498.2	490.8	483.4	475.9	468.6
115°	539.8	527.6	515.2	502.7	500.3	497.8	495.1	492.4	490.0	487.2	484.5
117.5°	483.2	476.3	469.4	462.4	462.9	463.3	463.9	464.3	464.6	464.9	465.3
120°	424.5	421.6	418.7	415.8	418.2	420.4	422.7	424.8	427.1	429.1	431.2
122.5°	376.6	375.4	374.4	373.1	375.9	378.8	381.5	384.1	386.8	389.3	391.8
125°	339.1	338.4	338.0	337.3	340.2	343.0	345.8	348.4	351.1	353.6	356.1
127.5°	314.1	314.0	314.0	313.9	316.0	317.8	319.9	321.7	323.7	325.3	327.0
130°	296.8	296.6	296.4	296.1	297.9	299.7	301.6	303.3	305.0	306.4	308.0
132.5°	285.9	285.5	285.2	284.9	286.3	287.6	288.9	290.0	291.3	292.2	293.2
135°	277.0	276.3	276.1	275.5	276.9	278.2	279.3	280.3	281.5	282.3	283.2
137.5°	269.5	268.9	268.5	268.0	269.2	270.3	271.4	272.4	273.3	274.2	274.9
140°	263.0	262.4	261.8	261.2	262.3	263.3	264.3	265.1	265.9	266.6	267.3
142.5°	256.9	255.9	255.2	254.2	255.0	255.7	256.5	257.0	257.7	258.1	258.6
145°	253.0	251.9	250.9	249.9	250.4	251.0	251.5	252.1	252.4	252.8	253.1
147.5°	249.4	248.3	247.3	246.2	246.8	247.2	247.5	247.8	248.2	248.4	248.7
150°	245.8	244.6	243.6	242.4	242.8	243.1	243.4	243.7	244.0	244.1	244.3
152.5°	241.7	240.6	239.6	238.5	238.7	239.0	239.2	239.3	239.5	239.6	239.7
155°	239.5	238.5	237.5	236.6	236.8	236.9	237.1	237.3	237.3	237.3	237.5
157.5°	239.0	238.2	237.5	236.7	236.7	236.7	236.7	236.6	236.6	236.6	236.5
160°	238.9	238.2	237.5	236.8	236.7	236.7	236.8	236.6	236.6	236.4	236.4
162.5°	239.2	238.5	237.7	236.9	236.8	236.9	236.8	236.6	236.6	236.5	236.4
165°	240.4	239.8	239.3	238.5	238.5	238.4	238.3	238.0	237.8	237.5	237.4
167.5°	241.8	241.3	240.7	240.0	240.1	240.1	240.0	239.9	239.9	239.7	239.6
170°	243.4	242.9	242.5	242.0	241.9	241.8	241.7	241.5	241.4	241.2	241.0
172.5°	244.7	244.3	243.9	243.3	243.3	243.2	243.1	243.0	242.7	242.6	242.5
175°	244.3	244.1	243.5	243.3	243.2	243.2	243.1	243.0	242.8	242.8	242.6
177.5°	245.4	245.3	244.9	244.7	244.6	244.6	244.5	244.4	244.4	244.4	244.3
180°	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6	245.6



TEST NUMBER: P1444732
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL18

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	19357.9	19357.9
2.5°	19432.9	19431.9
5°	19505.1	19503.9
7.5°	19560.0	19559.8
10°	19566.6	19569.9
12.5°	19527.5	19530.2
15°	19413.5	19418.8
17.5°	19195.5	19202.5
20°	18820.0	18827.3
22.5°	18212.0	18214.9
25°	17327.8	17315.3
27.5°	16122.6	16101.0
30°	14590.4	14569.5
32.5°	12763.6	12750.5
35°	10707.3	10699.0
37.5°	8542.2	8525.5
40°	6440.5	6391.5
42.5°	4597.1	4511.2
45°	3177.0	3075.2
47.5°	2217.9	2155.0
50°	1681.1	1660.8
52.5°	1369.8	1365.0
55°	1155.8	1153.7
57.5°	995.0	994.2
60°	868.6	868.4
62.5°	774.4	774.7
65°	708.0	708.2
67.5°	649.7	649.2
70°	582.1	581.6
72.5°	535.6	534.8
75°	499.7	499.3
77.5°	448.7	447.9
80°	386.8	385.8
82.5°	318.2	317.0
85°	237.4	237.4
87.5°	145.2	145.1
90°	67.2	65.8
92.5°	22.1	20.9
95°	25.2	23.7
97.5°	31.1	29.7
100°	39.8	38.6
102.5°	67.5	63.5
105°	118.2	107.2
107.5°	202.8	182.6
110°	352.9	336.6



TEST NUMBER: P1444732
CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL18

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	461.0	453.6
115°	481.7	479.0
117.5°	465.6	465.9
120°	433.1	435.2
122.5°	394.2	396.5
125°	358.5	360.9
127.5°	328.5	330.0
130°	309.1	310.5
132.5°	294.0	294.7
135°	283.9	284.5
137.5°	275.3	276.0
140°	267.7	268.2
142.5°	258.8	259.2
145°	253.4	253.6
147.5°	248.5	248.7
150°	244.3	244.3
152.5°	239.7	239.8
155°	237.4	237.3
157.5°	236.2	236.0
160°	236.1	235.9
162.5°	236.1	235.9
165°	237.0	236.7
167.5°	239.4	239.4
170°	240.7	240.6
172.5°	242.4	242.2
175°	242.5	242.5
177.5°	244.3	244.2
180°	245.6	245.6

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-6

Test Date: 08/01/2025

Luminaire Tested: EHBR-60-L935-N

Data in this report applies to families of products including EHBR-60-L935-N

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-472-6
 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-L935-N**
 Description: Elevate Round Highbay at, 60000 lumens, 3500K 90CRI LEDs with N lens

Spectral Parameters

CCT (K): 3406
 CIE u': 0.2394
 CIE v': 0.5094
 Duv: -0.0028
 CIE x: 0.4076
 CIE y: 0.3856
 CIE z: 0.2068
 Peak Wavelength (nm): 630
 Dominant Wavelength (nm): 582
 Purity: 38.0517
 Rf: 91.3
 Rg: 100

CRI (Ra):	94.6		
R1:	96.6	R9:	63.8
R2:	98.4	R10:	94.7
R3:	98.1	R11:	96.6
R4:	95.8	R12:	80.9
R5:	96.2	R13:	97.4
R6:	95.4	R14:	98.3
R7:	91.8	R15:	93.1
R8:	84.4		



Test Conditions

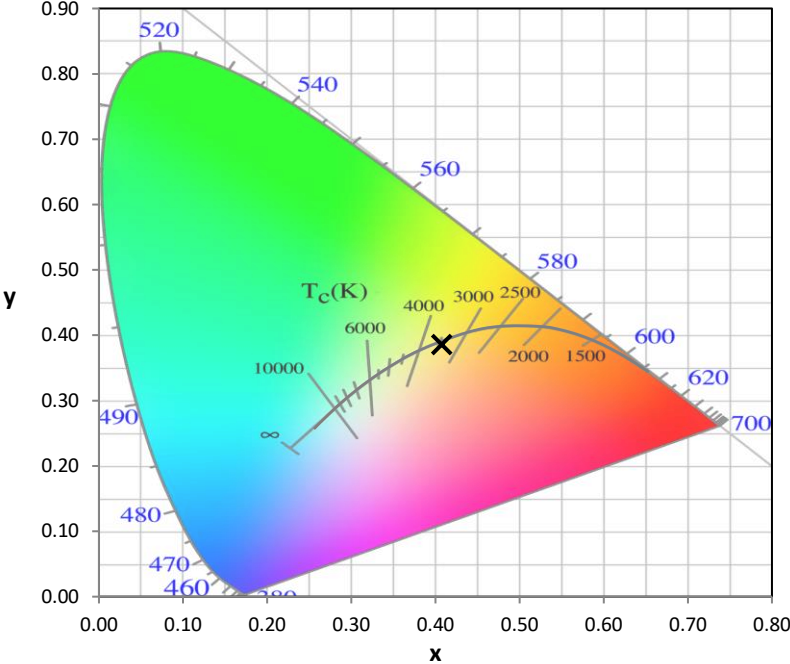
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.0

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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

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CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

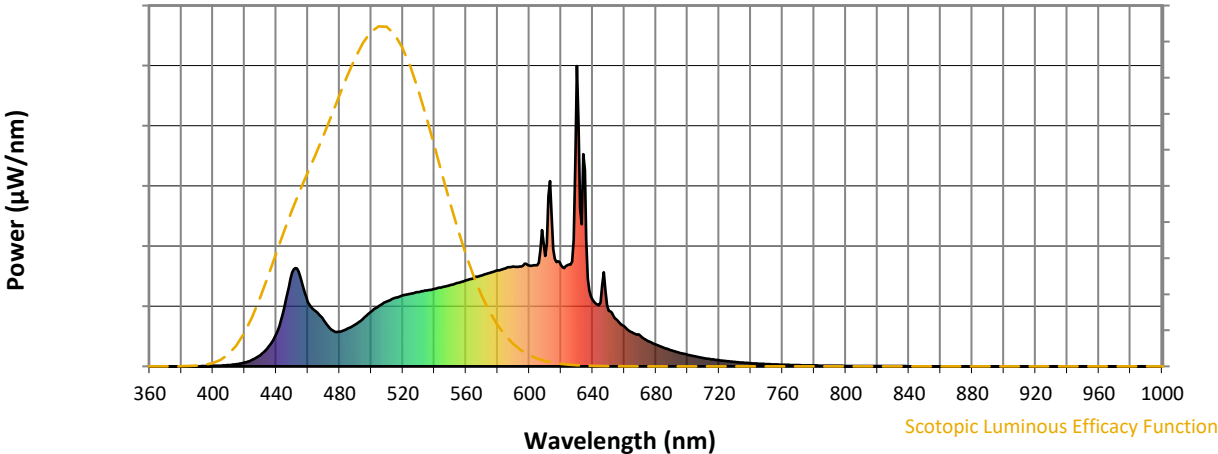


Photopic Lumens: NR

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	140	NR	620	338	NR	750	8	NR	880	0	NR
365	0	NR	495	159	NR	625	339	NR	755	7	NR	885	0	NR
370	0	NR	500	182	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	202	NR	635	653	NR	765	5	NR	895	0	NR
380	0	NR	510	216	NR	640	222	NR	770	4	NR	900	0	NR
385	0	NR	515	228	NR	645	214	NR	775	3	NR	905	0	NR
390	0	NR	520	236	NR	650	185	NR	780	3	NR	910	0	NR
395	1	NR	525	242	NR	655	157	NR	785	3	NR	915	0	NR
400	2	NR	530	248	NR	660	133	NR	790	2	NR	920	0	NR
405	3	NR	535	253	NR	665	113	NR	795	2	NR	925	0	NR
410	4	NR	540	258	NR	670	103	NR	800	2	NR	930	0	NR
415	7	NR	545	264	NR	675	85	NR	805	1	NR	935	0	NR
420	13	NR	550	270	NR	680	72	NR	810	1	NR	940	0	NR
425	22	NR	555	278	NR	685	62	NR	815	1	NR	945	0	NR
430	38	NR	560	286	NR	690	53	NR	820	1	NR	950	0	NR
435	65	NR	565	295	NR	695	45	NR	825	1	NR	955	0	NR
440	108	NR	570	303	NR	700	39	NR	830	1	NR	960	0	NR
445	193	NR	575	311	NR	705	33	NR	835	1	NR	965	0	NR
450	312	NR	580	319	NR	710	28	NR	840	1	NR	970	0	NR
455	300	NR	585	326	NR	715	24	NR	845	0	NR	975	0	NR
460	214	NR	590	332	NR	720	20	NR	850	0	NR	980	0	NR
465	184	NR	595	333	NR	725	17	NR	855	0	NR	985	0	NR
470	153	NR	600	336	NR	730	15	NR	860	0	NR	990	0	NR
475	122	NR	605	337	NR	735	12	NR	865	0	NR	995	0	NR
480	115	NR	610	367	NR	740	10	NR	870	0	NR	1000	0	NR
485	125	NR	615	390	NR	745	9	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



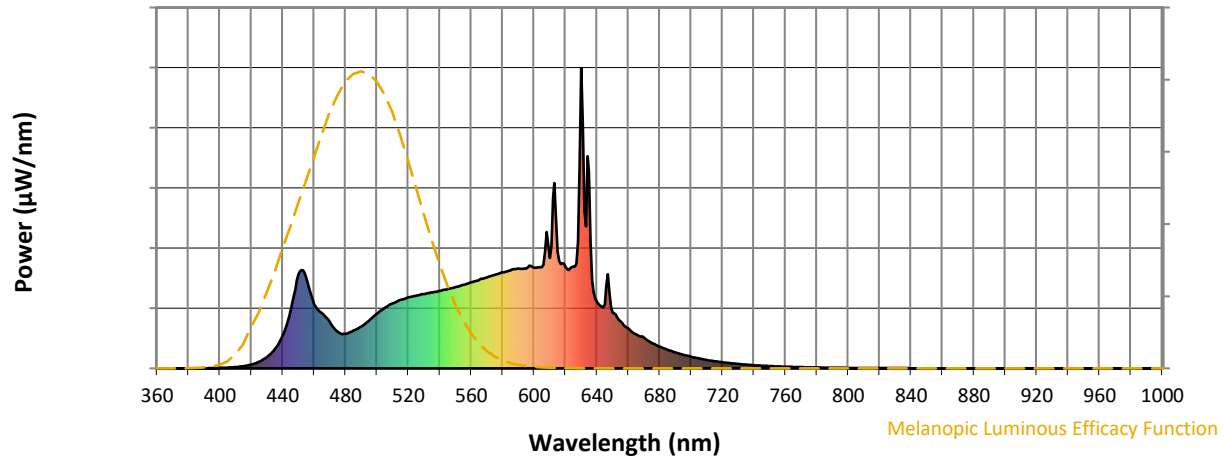
Scotopic Lumens: NR

S/P: 1.62

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	140	NR	620	338	NR	750	8	NR	880	0	NR
365	0	NR	495	159	NR	625	339	NR	755	7	NR	885	0	NR
370	0	NR	500	182	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	202	NR	635	653	NR	765	5	NR	895	0	NR
380	0	NR	510	216	NR	640	222	NR	770	4	NR	900	0	NR
385	0	NR	515	228	NR	645	214	NR	775	3	NR	905	0	NR
390	0	NR	520	236	NR	650	185	NR	780	3	NR	910	0	NR
395	1	NR	525	242	NR	655	157	NR	785	3	NR	915	0	NR
400	2	NR	530	248	NR	660	133	NR	790	2	NR	920	0	NR
405	3	NR	535	253	NR	665	113	NR	795	2	NR	925	0	NR
410	4	NR	540	258	NR	670	103	NR	800	2	NR	930	0	NR
415	7	NR	545	264	NR	675	85	NR	805	1	NR	935	0	NR
420	13	NR	550	270	NR	680	72	NR	810	1	NR	940	0	NR
425	22	NR	555	278	NR	685	62	NR	815	1	NR	945	0	NR
430	38	NR	560	286	NR	690	53	NR	820	1	NR	950	0	NR
435	65	NR	565	295	NR	695	45	NR	825	1	NR	955	0	NR
440	108	NR	570	303	NR	700	39	NR	830	1	NR	960	0	NR
445	193	NR	575	311	NR	705	33	NR	835	1	NR	965	0	NR
450	312	NR	580	319	NR	710	28	NR	840	1	NR	970	0	NR
455	300	NR	585	326	NR	715	24	NR	845	0	NR	975	0	NR
460	214	NR	590	332	NR	720	20	NR	850	0	NR	980	0	NR
465	184	NR	595	333	NR	725	17	NR	855	0	NR	985	0	NR
470	153	NR	600	336	NR	730	15	NR	860	0	NR	990	0	NR
475	122	NR	605	337	NR	735	12	NR	865	0	NR	995	0	NR
480	115	NR	610	367	NR	740	10	NR	870	0	NR	1000	0	NR
485	125	NR	615	390	NR	745	9	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.3

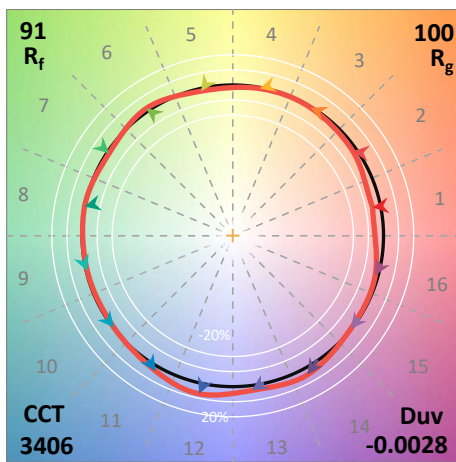
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	140	NR	620	338	NR	750	8	NR	880	0	NR
365	0	NR	495	159	NR	625	339	NR	755	7	NR	885	0	NR
370	0	NR	500	182	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	202	NR	635	653	NR	765	5	NR	895	0	NR
380	0	NR	510	216	NR	640	222	NR	770	4	NR	900	0	NR
385	0	NR	515	228	NR	645	214	NR	775	3	NR	905	0	NR
390	0	NR	520	236	NR	650	185	NR	780	3	NR	910	0	NR
395	1	NR	525	242	NR	655	157	NR	785	3	NR	915	0	NR
400	2	NR	530	248	NR	660	133	NR	790	2	NR	920	0	NR
405	3	NR	535	253	NR	665	113	NR	795	2	NR	925	0	NR
410	4	NR	540	258	NR	670	103	NR	800	2	NR	930	0	NR
415	7	NR	545	264	NR	675	85	NR	805	1	NR	935	0	NR
420	13	NR	550	270	NR	680	72	NR	810	1	NR	940	0	NR
425	22	NR	555	278	NR	685	62	NR	815	1	NR	945	0	NR
430	38	NR	560	286	NR	690	53	NR	820	1	NR	950	0	NR
435	65	NR	565	295	NR	695	45	NR	825	1	NR	955	0	NR
440	108	NR	570	303	NR	700	39	NR	830	1	NR	960	0	NR
445	193	NR	575	311	NR	705	33	NR	835	1	NR	965	0	NR
450	312	NR	580	319	NR	710	28	NR	840	1	NR	970	0	NR
455	300	NR	585	326	NR	715	24	NR	845	0	NR	975	0	NR
460	214	NR	590	332	NR	720	20	NR	850	0	NR	980	0	NR
465	184	NR	595	333	NR	725	17	NR	855	0	NR	985	0	NR
470	153	NR	600	336	NR	730	15	NR	860	0	NR	990	0	NR
475	122	NR	605	337	NR	735	12	NR	865	0	NR	995	0	NR
480	115	NR	610	367	NR	740	10	NR	870	0	NR	1000	0	NR
485	125	NR	615	390	NR	745	9	NR	875	0	NR			

Summary

$R_f = 91.3$
 $R_g = 100$
 $CIE R_a = 94.6$
 $R_9 = 63.8$



Color Vector Graphics

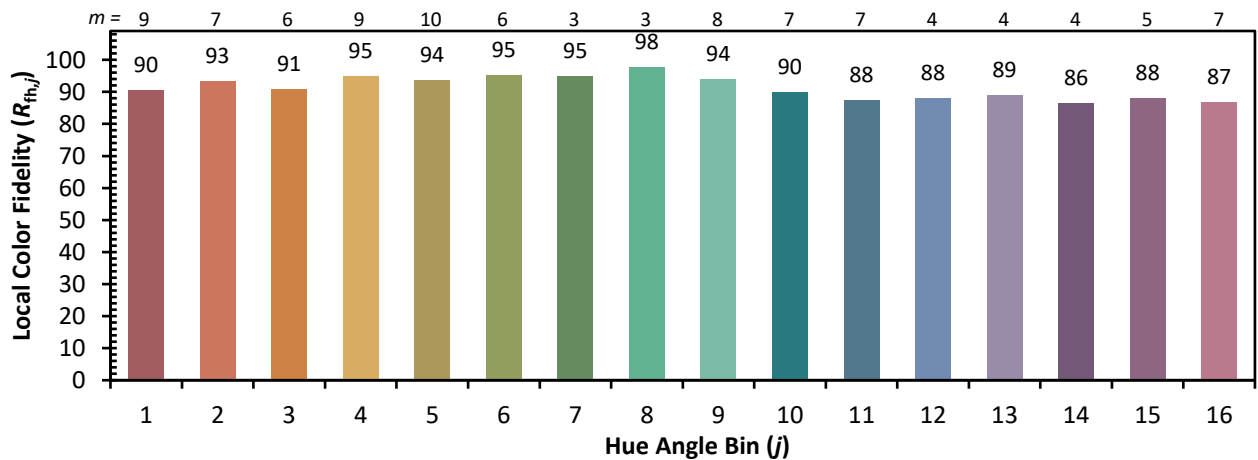
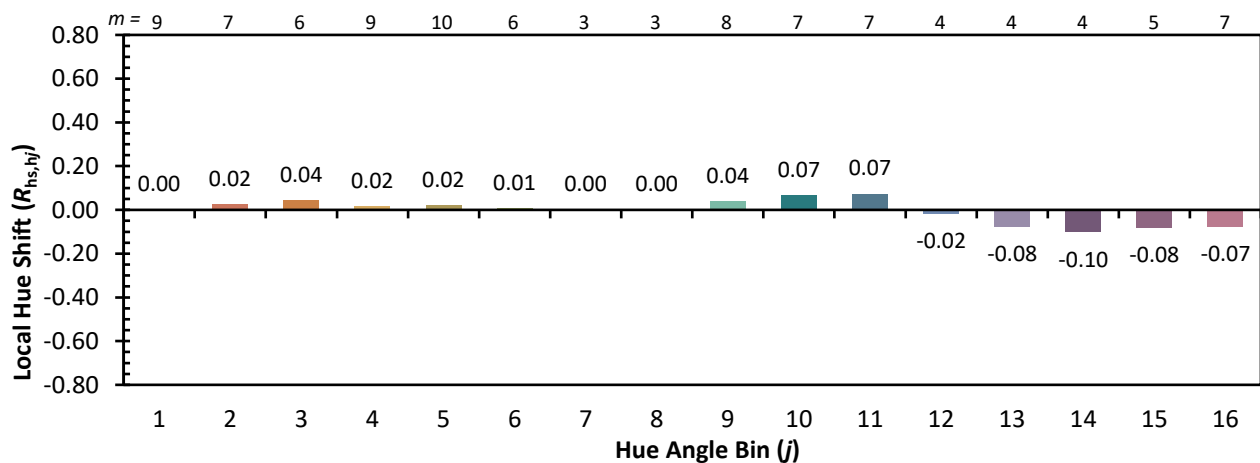
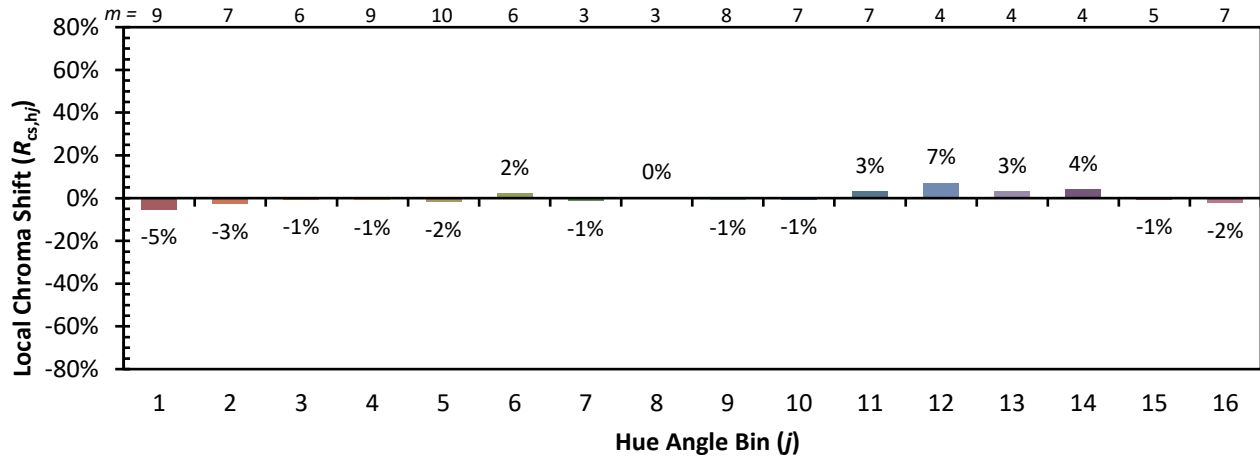


Individual Sample Fidelity Index ($R_{f,i}$)

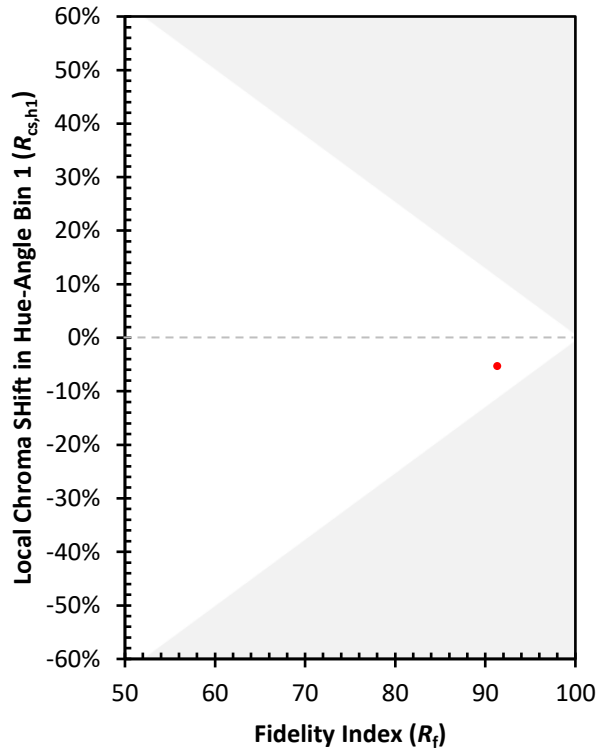
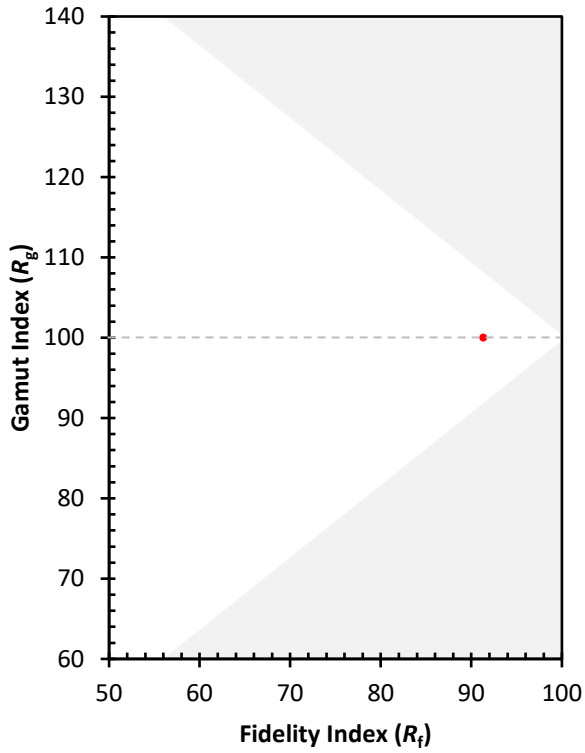
CES01 = 86	CES26 = 94	CES51 = 97	CES76 = 90
CES02 = 63	CES27 = 92	CES52 = 98	CES77 = 86
CES03 = 31	CES28 = 97	CES53 = 98	CES78 = 86
CES04 = 70	CES29 = 97	CES54 = 93	CES79 = 90
CES05 = 50	CES30 = 92	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 97	CES56 = 96	CES81 = 74
CES07 = 43	CES32 = 89	CES57 = 94	CES82 = 96
CES08 = 41	CES33 = 99	CES58 = 95	CES83 = 94
CES09 = 29	CES34 = 94	CES59 = 98	CES84 = 95
CES10 = 75	CES35 = 97	CES60 = 92	CES85 = 79
CES11 = 58	CES36 = 81	CES61 = 93	CES86 = 79
CES12 = 64	CES37 = 96	CES62 = 86	CES87 = 92
CES13 = 44	CES38 = 87	CES63 = 94	CES88 = 98
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 84
CES15 = 72	CES40 = 97	CES65 = 90	CES90 = 96
CES16 = 48	CES41 = 96	CES66 = 89	CES91 = 75
CES17 = 49	CES42 = 94	CES67 = 88	CES92 = 76
CES18 = 56	CES43 = 93	CES68 = 89	CES93 = 86
CES19 = 71	CES44 = 99	CES69 = 90	CES94 = 74
CES20 = 67	CES45 = 97	CES70 = 88	CES95 = 83
CES21 = 86	CES46 = 97	CES71 = 83	CES96 = 92
CES22 = 78	CES47 = 91	CES72 = 94	CES97 = 96
CES23 = 91	CES48 = 91	CES73 = 83	CES98 = 95
CES24 = 90	CES49 = 96	CES74 = 90	CES99 = 92
CES25 = 71	CES50 = 98	CES75 = 85	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)