

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: P1444733

Luminaire Tested: EHBR1-24-UNV-TA-L935-UPL24

Issue Date: 5/1/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1444733  
REPORT IS A COMBINATION OF REPORTS P1444329 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-UPL24  
Description: Elevate Round Highbay at, 24000 lumens, 3500K 90CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

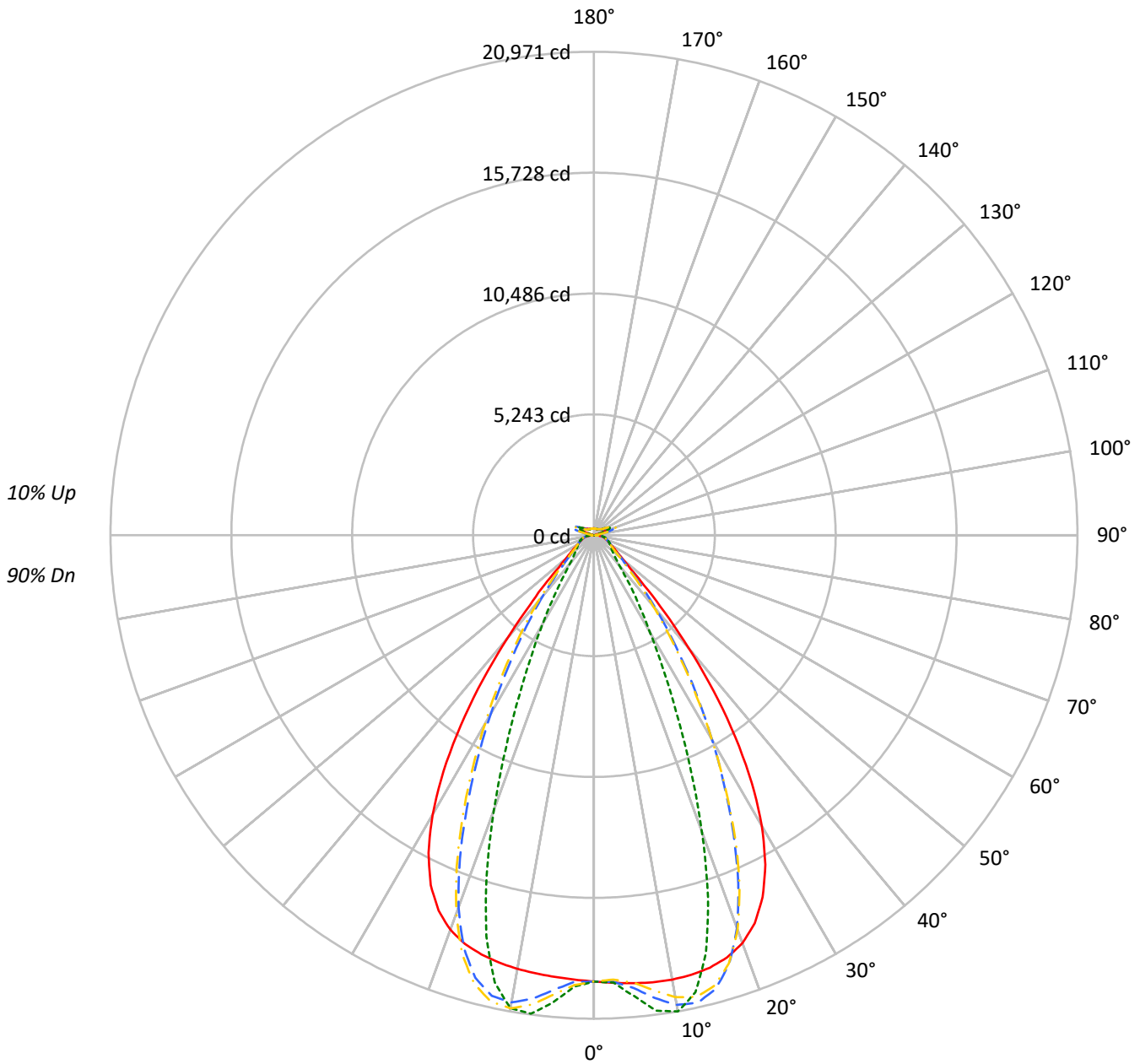
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 24616.8 lumens  
Efficiency: N/A  
Efficacy: 170.0 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): 144.8  
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: P1444733  
CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL24

### Luminous Intensity Polar Plot



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



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	117	117	117	117	113	113	113	113	106	106	106	99	99	99	93	93	93	93	93	93	90
1	110	106	103	100	106	103	100	98	97	95	93	92	90	88	87	86	84	84	84	84	82
2	103	97	92	88	100	94	90	86	89	86	83	85	82	79	81	78	76	76	76	76	74
3	96	89	83	78	93	87	81	77	83	78	74	79	75	72	75	72	70	70	70	70	68
4	91	82	75	70	88	80	74	69	76	71	68	73	69	66	70	67	64	64	64	64	62
5	85	76	69	64	83	74	68	63	71	66	62	68	64	60	66	62	59	59	59	59	57
6	80	70	63	59	78	69	63	58	66	61	57	64	59	56	62	58	55	55	55	55	53
7	76	65	59	54	74	64	58	53	62	57	52	60	55	52	58	54	51	51	51	51	49
8	72	61	54	50	70	60	54	50	58	53	49	56	52	48	55	50	47	47	47	47	46
9	68	57	51	46	66	56	50	46	55	49	45	53	48	45	52	47	44	44	44	44	43
10	65	54	48	43	63	53	47	43	52	46	42	50	45	42	49	45	41	41	41	41	40

**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	7.7
10°-20°	5366.7	21.8
20°-30°	6112.3	24.8
30°-40°	4393.2	17.8
40°-50°	2026.2	8.2
50°-60°	969.6	3.9
60°-70°	707.5	2.9
70°-80°	537.5	2.2
80°-90°	248.4	1.0
90°-100°	66.0	0.3
100°-110°	390.1	1.6
110°-120°	720.9	2.9
120°-130°	438.2	1.8
130°-140°	278.0	1.1
140°-150°	203.2	0.8
150°-160°	139.7	0.6
160°-170°	83.3	0.3
170°-180°	28.3	0.1
0°-30°	13386.8	54.4
0°-40°	17780.0	72.2
0°-60°	20775.8	84.4
0°-90°	22269.1	90.5
90°-120°	1177.0	4.8
90°-150°	2096.3	8.5
90°-180°	2348.0	9.5
0°-180°	24616.8	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°	70	87	24	28	70	43
95°	30	34	30	34	30	29
105°	140	181	93	181	140	185
115°	628	763	658	764	628	579
125°	468	495	530	496	468	426
135°	363	325	391	327	363	283
145°	318	312	339	314	318	201
155°	294	296	313	298	294	137
165°	290	290	300	292	290	82
175°	295	298	300	298	295	28
180°	298	298	298	298	298	



TEST NUMBER: P1444733  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL24

**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°	69.7	73.6	75.2	79.7	81.3	85.3	86.6	91.2	92.8	97.4	100.1
92.5°	26.6	28.4	30.0	32.0	33.7	36.0	37.9	39.9	41.7	43.9	47.4
95°	30.2	32.3	34.3	36.3	38.3	40.4	42.4	44.5	46.5	48.6	54.6
97.5°	38.0	39.8	41.5	43.3	45.0	46.9	48.6	50.4	52.1	53.8	60.9
100°	49.6	51.1	52.6	54.1	55.6	57.1	58.5	60.1	61.5	63.1	76.2
102.5°	82.1	87.5	92.7	98.1	103.4	108.7	114.0	119.4	124.6	130.0	157.8
105°	139.5	153.8	168.3	182.7	197.1	211.5	225.9	240.3	254.7	269.1	314.6
107.5°	238.5	265.2	291.9	318.6	345.3	371.9	398.6	425.2	451.8	478.4	524.5
110°	441.1	462.4	483.9	505.4	526.8	548.3	569.7	591.0	612.5	633.9	667.5



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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°	594.8	604.5	614.2	623.9	633.6	643.3	653.0	662.7	672.4	681.9	706.0
115°	627.6	631.1	634.5	637.8	641.3	644.6	648.0	651.3	654.7	657.9	674.3
117.5°	609.4	608.8	608.2	607.7	607.0	606.4	605.7	605.1	604.3	603.7	612.9
120°	568.2	565.2	562.4	559.3	556.3	553.1	550.2	547.2	544.1	540.9	545.0
122.5°	516.1	512.5	509.2	505.5	501.9	498.2	494.7	490.8	487.2	483.5	485.1
125°	468.1	464.5	461.0	457.3	453.6	449.9	446.2	442.4	438.8	434.9	435.8
127.5°	426.2	423.8	421.4	418.6	416.1	413.3	410.7	407.8	405.3	402.4	402.7
130°	399.3	397.2	394.9	392.4	390.1	387.5	385.1	382.5	380.1	377.5	377.9
132.5°	377.3	375.8	374.2	372.4	370.8	368.8	367.1	365.0	363.3	361.4	361.8
135°	362.6	361.1	359.7	358.2	356.5	354.7	353.0	351.2	349.5	347.6	348.3
137.5°	350.2	348.9	347.6	346.1	344.6	342.9	341.3	339.6	338.0	336.2	336.8
140°	338.9	337.7	336.4	335.1	333.7	332.3	330.7	329.2	327.7	326.1	326.8
142.5°	326.2	325.2	324.3	323.2	322.1	320.7	319.6	318.2	317.0	315.8	316.8
145°	317.8	317.0	316.3	315.3	314.4	313.2	312.3	311.1	310.1	309.0	310.1
147.5°	310.6	310.0	309.3	308.6	307.9	306.9	306.1	305.1	304.3	303.3	304.4
150°	304.2	303.6	303.1	302.4	301.6	300.7	299.9	299.1	298.2	297.3	298.5
152.5°	297.5	296.9	296.4	295.7	295.0	294.1	293.5	292.6	291.7	290.9	291.8
155°	293.6	292.9	292.3	291.7	291.0	290.2	289.5	288.7	287.9	287.1	287.9
157.5°	291.1	290.5	290.1	289.5	289.1	288.4	287.9	287.2	286.7	286.0	286.6
160°	290.0	289.6	289.1	288.6	287.9	287.4	286.9	286.2	285.8	285.1	285.6
162.5°	289.2	288.7	288.2	287.6	287.1	286.4	285.9	285.4	284.9	284.3	284.9
165°	289.5	289.1	288.8	288.5	288.1	287.8	287.4	286.9	286.6	286.1	286.5
167.5°	292.1	291.6	291.3	290.8	290.3	289.8	289.4	288.8	288.5	287.9	288.3
170°	293.0	292.7	292.4	292.2	291.9	291.7	291.4	291.1	290.8	290.6	290.8
172.5°	294.6	294.3	294.1	294.0	293.7	293.6	293.4	293.1	293.0	292.7	293.2
175°	294.6	294.4	294.3	294.2	294.0	293.9	293.8	293.7	293.7	293.5	293.7
177.5°	296.6	296.5	296.5	296.5	296.5	296.4	296.3	296.1	296.1	296.1	296.3
180°	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4



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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°	105.4	108.4	113.6	115.0	118.8	119.8	101.1	100.1	97.2	97.0	93.4
92.5°	51.3	54.8	58.5	62.2	65.9	69.6	71.0	74.0	70.3	66.3	62.9
95°	60.5	66.5	72.5	78.6	84.6	90.5	96.5	102.5	96.9	91.3	85.6
97.5°	68.0	75.0	82.1	89.3	96.3	103.4	110.5	117.6	111.6	105.4	99.4
100°	89.4	102.6	115.7	128.9	142.0	155.3	168.4	181.6	170.0	158.4	146.8
102.5°	185.8	213.8	241.7	269.8	297.7	325.7	353.9	381.9	355.3	328.5	301.9
105°	359.9	405.3	450.6	495.9	541.3	586.7	632.3	677.7	635.1	592.6	550.1
107.5°	570.4	616.5	662.4	708.4	754.4	800.5	846.8	892.8	851.4	809.8	768.4
110°	701.1	734.7	768.4	801.8	835.5	869.0	903.1	936.7	911.8	886.8	861.8



TEST NUMBER: P1444733  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL24

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	730.0	754.1	778.1	802.1	825.9	850.0	874.7	898.8	886.3	873.7	861.2
115°	690.4	706.7	722.8	739.0	755.2	771.3	788.3	804.7	800.7	796.7	792.7
117.5°	621.8	630.9	640.0	649.0	657.9	667.1	677.0	686.3	686.9	687.6	688.4
120°	548.7	552.6	556.3	560.2	563.9	567.7	572.7	576.8	580.1	583.5	586.8
122.5°	486.5	488.0	489.4	490.9	492.2	493.7	496.5	498.3	500.6	502.9	505.3
125°	436.4	437.2	437.8	438.6	439.1	439.9	442.2	443.2	443.5	443.5	443.7
127.5°	402.8	403.0	403.0	403.2	403.1	403.4	405.1	405.7	404.3	402.9	401.4
130°	378.2	378.7	378.9	379.4	379.7	380.1	382.2	383.1	380.6	378.0	375.5
132.5°	362.3	362.7	363.2	363.7	364.2	364.6	367.1	368.0	365.3	362.2	359.3
135°	348.8	349.5	350.0	350.6	351.1	351.9	354.6	355.7	353.0	350.1	347.4
137.5°	337.3	338.0	338.6	339.2	339.9	340.5	343.6	344.7	342.5	340.1	338.1
140°	327.5	328.3	329.1	329.9	330.6	331.5	334.8	336.2	334.5	332.7	331.0
142.5°	317.7	318.8	319.9	321.2	322.2	323.5	327.2	328.9	327.6	326.3	325.0
145°	311.2	312.6	313.8	315.1	316.3	317.8	321.9	324.0	323.3	322.3	321.5
147.5°	305.3	306.5	307.7	308.9	310.1	311.5	315.9	317.8	317.3	316.8	316.2
150°	299.5	300.6	301.8	303.1	304.4	305.8	310.6	312.8	312.4	311.9	311.4
152.5°	292.9	293.9	295.0	296.1	297.3	298.5	304.3	306.4	306.1	305.5	305.3
155°	288.7	289.6	290.3	291.3	292.1	293.2	299.1	301.3	301.1	300.8	300.5
157.5°	287.1	287.7	288.1	288.8	289.5	290.2	296.3	298.4	298.1	297.9	297.6
160°	286.0	286.5	286.9	287.4	287.9	288.4	294.6	296.6	296.4	296.1	295.8
162.5°	285.4	286.2	286.7	287.3	287.9	288.7	294.9	297.2	296.6	296.4	296.0
165°	286.9	287.1	287.5	287.9	288.3	288.7	294.6	296.3	296.2	295.9	295.6
167.5°	288.6	289.1	289.4	289.9	290.2	290.8	296.3	298.0	297.8	297.5	297.5
170°	291.1	291.6	291.7	292.2	292.6	293.0	297.6	299.0	298.9	298.4	298.2
172.5°	293.5	294.0	294.4	294.7	295.2	295.6	299.5	300.9	300.7	300.4	300.1
175°	294.0	294.3	294.6	295.0	295.4	295.7	298.8	299.7	299.6	299.5	299.4
177.5°	296.6	296.7	297.0	297.3	297.5	297.8	299.7	300.3	300.3	300.3	300.2
180°	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4



TEST NUMBER: P1444733  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL24

**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°	92.4	88.7	89.0	87.0	88.4	86.4	87.7	85.6	87.6	86.9	89.5
92.5°	58.7	55.1	51.0	47.4	43.4	40.0	37.9	36.3	34.3	32.9	30.8
95°	80.1	74.5	69.0	63.4	57.8	52.2	50.1	48.1	46.0	44.0	42.0
97.5°	93.4	87.4	81.4	75.3	69.3	63.4	62.0	60.6	59.3	57.9	56.6
100°	135.1	123.6	112.0	100.3	88.8	77.2	76.1	75.0	74.0	72.9	71.8
102.5°	275.3	248.9	222.3	195.7	169.1	142.5	137.9	133.2	128.6	124.0	119.4
105°	507.5	464.9	422.3	379.8	337.4	294.8	282.1	269.4	256.7	244.0	231.4
107.5°	726.8	685.4	643.9	602.4	560.9	519.5	499.5	479.4	459.3	439.3	419.3
110°	836.8	811.9	787.1	762.0	737.3	712.5	693.3	674.1	655.0	635.9	616.8



TEST NUMBER: P1444733  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL24

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	848.7	836.3	823.8	811.3	798.8	786.4	777.1	767.8	758.5	749.2	739.7
115°	788.7	784.7	780.7	776.8	773.0	769.0	768.3	767.7	766.9	766.3	765.7
117.5°	689.1	689.8	690.4	691.3	692.1	692.8	697.8	702.7	707.7	712.8	718.0
120°	590.2	593.6	596.9	600.4	603.8	607.2	613.9	620.5	627.2	634.0	640.9
122.5°	507.5	509.9	512.2	514.6	517.0	519.4	525.9	532.6	539.2	545.9	552.7
125°	443.6	443.8	443.8	443.9	444.0	444.3	449.7	455.1	460.6	466.1	471.7
127.5°	400.0	398.4	397.0	395.6	394.1	392.7	395.9	399.1	402.3	405.6	408.9
130°	372.9	370.3	367.6	365.2	362.4	360.0	361.3	362.4	363.8	365.1	366.4
132.5°	356.2	353.3	350.2	347.3	344.2	341.2	341.1	341.1	341.1	341.1	341.2
135°	344.5	341.7	338.7	335.9	332.9	330.2	329.5	328.6	327.9	327.3	326.6
137.5°	335.8	333.5	331.3	329.0	326.6	324.4	323.2	322.3	321.2	320.4	319.5
140°	329.1	327.4	325.4	323.7	321.7	320.0	319.0	318.3	317.4	316.7	315.9
142.5°	323.6	322.3	320.8	319.6	318.2	316.9	315.9	315.1	314.3	313.6	312.9
145°	320.6	319.8	318.8	317.9	316.9	316.2	315.4	314.9	314.1	313.7	313.1
147.5°	315.8	315.1	314.6	314.0	313.4	312.8	312.2	312.0	311.4	311.1	310.7
150°	310.9	310.4	309.8	309.4	308.7	308.2	308.0	307.8	307.4	307.4	307.1
152.5°	304.6	304.3	303.7	303.3	302.7	302.3	302.0	301.9	301.6	301.5	301.2
155°	300.2	299.9	299.5	299.3	298.8	298.6	298.3	297.9	297.6	297.3	296.9
157.5°	297.4	297.1	296.7	296.6	296.1	295.8	295.6	295.3	294.9	294.6	294.3
160°	295.6	295.4	295.0	294.7	294.5	294.2	293.7	293.3	292.7	292.5	291.9
162.5°	295.6	295.1	294.8	294.4	293.9	293.6	293.2	292.8	292.6	292.3	291.9
165°	295.4	295.1	294.8	294.6	294.3	294.0	293.6	293.2	292.7	292.3	291.8
167.5°	297.1	296.9	296.6	296.5	296.1	295.7	295.4	295.0	294.6	294.2	293.7
170°	297.8	297.5	297.1	296.7	296.4	296.0	295.6	295.2	294.7	294.5	293.9
172.5°	299.8	299.6	299.2	299.0	298.5	298.3	297.9	297.6	297.3	296.9	296.6
175°	299.3	299.3	299.2	298.9	298.9	298.7	298.5	298.5	298.4	298.3	298.1
177.5°	300.2	300.1	300.1	300.0	299.9	299.9	299.7	299.5	299.4	299.1	299.0
180°	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4



TEST NUMBER: P1444733  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL24

**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°	88.2	89.7	87.0	86.8	85.5	86.8	83.7	83.7	78.9	77.9	73.7
92.5°	29.2	27.3	25.5	23.7	25.8	27.3	29.4	30.8	32.8	34.3	36.3
95°	40.0	37.9	35.9	33.8	35.4	37.1	38.7	40.3	42.0	43.6	45.2
97.5°	55.2	53.8	52.5	51.1	52.1	53.0	54.0	54.9	55.9	56.8	57.9
100°	70.7	69.6	68.5	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
102.5°	114.7	110.1	105.5	100.9	104.0	107.1	110.3	113.4	116.6	119.6	122.9
105°	218.7	206.0	193.4	180.7	193.0	205.2	217.5	229.8	242.0	254.4	266.7
107.5°	399.1	379.2	359.2	339.1	361.5	383.8	406.2	428.5	450.8	473.1	495.7
110°	597.7	578.7	559.6	540.5	564.2	587.9	611.6	635.2	659.1	682.7	706.5



TEST NUMBER: P1444733  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL24

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	730.4	721.2	711.9	702.7	717.9	733.1	748.4	763.9	779.1	794.4	809.7
115°	765.0	764.5	763.9	763.4	770.7	777.8	785.1	792.3	799.7	806.8	814.2
117.5°	723.0	728.1	733.2	738.4	740.7	743.0	745.5	747.7	750.3	752.6	755.1
120°	647.7	654.5	661.3	668.3	667.3	666.4	665.4	664.5	663.8	663.0	662.3
122.5°	559.4	566.3	573.2	580.1	578.1	576.0	574.1	572.1	570.3	568.4	566.5
125°	477.5	483.1	488.9	494.7	492.6	490.6	488.6	486.8	484.8	483.0	481.3
127.5°	412.4	415.9	419.4	423.0	422.0	421.1	420.4	419.4	418.7	418.1	417.5
130°	367.9	369.5	371.1	372.7	373.0	373.2	373.8	374.1	374.8	375.2	375.9
132.5°	341.6	341.8	342.1	342.5	343.6	344.7	345.9	347.2	348.7	349.9	351.7
135°	326.2	325.8	325.4	325.2	326.8	328.4	330.2	331.9	333.9	335.9	338.0
137.5°	318.8	318.0	317.4	316.8	318.4	320.0	321.7	323.6	325.5	327.5	329.6
140°	315.2	314.6	314.2	313.7	315.3	316.9	318.6	320.4	322.3	324.3	326.4
142.5°	312.3	311.6	311.1	310.8	312.0	313.6	315.2	316.9	318.6	320.4	322.2
145°	312.7	312.1	311.9	311.5	312.5	313.6	314.8	315.9	317.3	318.5	320.0
147.5°	310.4	310.1	310.0	309.8	310.6	311.3	312.2	313.0	314.1	315.1	316.2
150°	307.1	306.8	306.8	306.7	307.2	307.7	308.2	308.8	309.4	310.1	310.9
152.5°	301.3	301.0	301.1	301.0	301.4	301.8	302.4	302.8	303.4	304.0	304.8
155°	296.8	296.6	296.4	296.2	296.3	296.5	296.7	296.8	297.2	297.4	297.7
157.5°	294.2	293.9	293.7	293.5	293.5	293.4	293.5	293.4	293.6	293.5	293.7
160°	291.7	291.1	290.8	290.5	290.6	290.6	290.8	290.8	290.9	291.1	291.3
162.5°	291.7	291.5	291.2	290.9	290.8	290.5	290.4	290.1	289.9	289.8	289.8
165°	291.4	291.0	290.7	290.2	290.1	290.1	289.9	289.9	289.8	289.8	289.8
167.5°	293.4	292.8	292.6	292.1	291.8	291.4	291.2	290.8	290.6	290.2	290.1
170°	293.7	293.3	293.0	292.7	292.5	292.3	292.2	292.0	291.9	291.8	291.8
172.5°	296.4	296.0	295.7	295.5	295.3	295.1	295.1	295.0	294.8	294.8	294.8
175°	298.0	297.9	297.8	297.6	297.5	297.3	297.2	297.0	296.9	296.6	296.6
177.5°	298.7	298.5	298.4	298.3	298.2	298.2	298.2	298.2	298.2	298.1	298.1
180°	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4



TEST NUMBER: P1444733  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL24

**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°	73.7	70.1	70.9	68.9	70.2	68.8	71.0	70.4	72.9	72.2	75.0
92.5°	37.9	39.6	42.9	46.3	49.4	52.7	56.0	59.5	62.5	66.0	69.1
95°	46.9	48.5	52.8	57.2	61.5	65.9	70.4	74.8	79.1	83.5	87.8
97.5°	58.8	59.8	64.2	68.5	72.9	77.2	81.6	86.1	90.5	94.8	99.2
100°	67.4	67.5	79.9	92.3	104.7	117.2	129.5	141.9	154.4	166.8	179.2
102.5°	126.0	129.2	160.4	191.9	223.1	254.4	285.8	317.1	348.4	379.9	411.3
105°	279.0	291.3	339.1	386.8	434.6	482.4	530.4	578.3	626.1	673.9	721.8
107.5°	518.0	540.3	583.5	626.7	669.9	713.2	756.5	799.7	843.0	886.2	929.6
110°	730.2	754.0	782.9	811.9	840.9	869.8	898.8	927.8	956.8	985.9	1015.0



TEST NUMBER: P1444733  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL24

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	824.9	840.3	857.2	874.2	891.0	908.0	924.9	941.9	958.8	975.8	992.9
115°	821.5	828.9	835.5	842.1	848.6	855.2	861.9	868.6	875.4	882.0	888.8
117.5°	757.4	760.0	761.0	762.1	763.1	764.4	765.5	766.8	768.0	769.2	770.4
120°	661.4	660.7	659.6	658.6	657.5	656.6	655.7	654.7	653.9	653.0	652.1
122.5°	564.6	563.0	562.0	561.0	560.1	559.3	558.3	557.6	556.8	555.9	555.1
125°	479.5	477.9	478.9	479.9	481.0	482.1	483.2	484.4	485.5	486.7	487.9
127.5°	416.8	416.4	418.9	421.5	424.2	426.8	429.5	432.2	434.9	437.7	440.3
130°	376.6	377.4	380.7	384.0	387.4	390.8	394.3	397.7	401.1	404.5	407.8
132.5°	353.1	354.8	357.9	361.2	364.4	367.7	371.1	374.3	377.7	381.0	384.2
135°	340.1	342.3	345.2	348.2	351.2	354.3	357.3	360.4	363.3	366.3	369.2
137.5°	331.6	333.9	336.3	338.7	341.1	343.6	346.0	348.5	350.8	353.3	355.7
140°	328.5	330.6	331.9	333.4	334.9	336.3	337.6	339.1	340.5	342.0	343.3
142.5°	324.1	326.2	327.0	327.9	328.9	330.0	330.9	331.8	332.7	333.6	334.4
145°	321.4	323.0	323.1	323.3	323.5	323.7	323.7	324.0	324.0	324.2	324.3
147.5°	317.3	318.5	318.2	318.3	318.2	318.1	318.0	318.0	317.8	317.8	317.7
150°	311.6	312.4	312.0	311.9	311.4	311.1	310.8	310.5	310.1	309.9	309.4
152.5°	305.3	306.1	305.5	305.3	304.8	304.4	303.9	303.6	303.1	302.7	302.4
155°	297.9	298.3	298.0	297.8	297.5	297.3	297.0	297.0	296.8	296.6	296.5
157.5°	293.7	293.7	293.6	293.5	293.3	293.2	293.0	293.0	292.9	293.0	293.0
160°	291.3	291.6	291.4	291.2	291.1	290.9	290.8	290.8	290.8	290.8	290.9
162.5°	289.5	289.4	289.3	289.1	289.0	288.8	288.8	288.9	288.8	288.9	289.0
165°	289.9	290.0	289.7	289.5	289.2	289.0	288.8	288.8	288.7	288.6	288.6
167.5°	289.9	289.8	289.8	289.8	289.8	289.9	290.0	290.3	290.4	290.7	290.8
170°	291.7	291.8	291.7	291.6	291.5	291.4	291.4	291.2	291.3	291.3	291.2
172.5°	294.8	294.8	294.6	294.3	294.0	293.7	293.5	293.4	293.1	292.9	292.7
175°	296.3	296.2	296.0	295.9	295.7	295.6	295.4	295.2	295.0	294.9	294.7
177.5°	298.0	297.8	297.7	297.7	297.7	297.6	297.6	297.5	297.5	297.5	297.4
180°	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4



TEST NUMBER: P1444733  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL24

**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°	69.7	67.7	62.7	60.8	55.7	52.7	47.2	44.7	39.5	38.3	35.2
92.5°	65.3	61.7	58.2	54.4	50.8	47.2	43.5	39.9	36.2	34.7	33.7
95°	82.5	77.2	71.9	66.5	61.3	55.9	50.7	45.4	40.1	39.0	37.9
97.5°	92.9	86.6	80.4	74.2	68.0	61.7	55.6	49.3	43.1	42.3	41.7
100°	164.9	150.5	136.0	121.6	107.3	92.9	78.4	64.0	49.7	48.9	48.0
102.5°	376.3	341.3	306.4	271.5	236.8	201.8	166.9	131.9	97.0	91.9	86.9
105°	669.0	616.1	563.3	510.4	457.6	404.7	351.8	298.9	246.1	229.0	212.1
107.5°	879.9	830.2	780.5	730.9	681.2	631.5	581.8	532.1	482.3	452.4	422.5
110°	975.6	936.1	896.7	857.3	817.9	778.4	738.9	699.5	660.1	634.2	608.6



TEST NUMBER: P1444733  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL24

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	964.1	935.1	906.3	877.3	848.5	819.5	790.7	761.6	732.7	717.1	701.5
115°	871.5	854.1	836.7	819.3	801.9	784.5	767.1	749.5	732.1	723.9	715.6
117.5°	761.6	752.7	743.9	735.0	726.1	717.1	708.2	699.2	690.3	687.4	684.6
120°	649.6	646.9	644.1	641.5	638.7	636.1	633.3	630.5	627.6	628.0	628.4
122.5°	556.2	557.3	558.4	559.3	560.4	561.3	562.4	563.3	564.2	566.5	568.6
125°	490.5	493.0	495.7	498.2	500.7	503.3	505.9	508.3	511.0	513.1	515.4
127.5°	443.4	446.2	449.2	452.0	455.0	457.7	460.7	463.3	466.3	468.2	470.4
130°	410.5	412.8	415.5	417.9	420.4	422.9	425.3	427.9	430.3	432.0	433.5
132.5°	386.5	388.7	391.0	393.2	395.5	397.6	400.0	402.1	404.5	405.6	406.9
135°	371.1	372.7	374.4	375.9	377.8	379.4	381.1	382.8	384.6	385.4	386.3
137.5°	357.1	358.5	359.9	361.2	362.6	364.0	365.5	366.9	368.5	368.8	369.4
140°	344.9	346.2	347.8	349.1	350.7	352.1	353.8	355.4	357.0	357.5	357.9
142.5°	335.6	336.7	337.8	339.0	340.2	341.3	342.6	344.0	345.3	345.8	346.2
145°	325.7	327.0	328.4	329.6	331.1	332.5	334.2	335.6	337.2	337.4	337.8
147.5°	318.8	319.8	321.1	322.3	323.5	324.6	326.2	327.5	328.9	329.2	329.4
150°	310.8	312.0	313.2	314.4	315.9	317.2	318.7	320.1	321.8	322.2	322.7
152.5°	303.7	305.0	306.3	307.8	309.2	310.8	312.4	314.0	315.6	316.0	316.5
155°	297.8	299.1	300.5	302.0	303.4	304.9	306.4	308.0	309.5	310.1	310.6
157.5°	294.3	295.4	296.7	298.0	299.4	300.6	302.1	303.3	304.9	305.3	305.7
160°	292.0	293.0	294.2	295.4	296.6	297.7	299.0	300.2	301.4	301.8	302.3
162.5°	290.1	291.2	292.4	293.5	294.7	295.8	297.1	298.2	299.5	299.8	300.3
165°	289.4	290.2	291.1	291.8	292.7	293.6	294.5	295.4	296.3	296.7	297.3
167.5°	291.5	292.0	292.7	293.3	294.0	294.7	295.5	296.1	296.8	297.3	297.6
170°	291.8	292.4	292.9	293.6	294.2	294.8	295.4	296.0	296.7	297.1	297.5
172.5°	293.0	293.3	293.8	294.1	294.6	294.9	295.4	295.8	296.2	296.7	297.1
175°	295.0	295.1	295.4	295.5	295.7	295.9	296.2	296.5	296.7	297.0	297.4
177.5°	297.5	297.6	297.7	297.9	298.2	298.4	298.5	298.7	298.9	299.4	299.7
180°	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4



TEST NUMBER: P1444733  
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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°	34.3	31.4	30.5	27.8	26.8	24.7	23.9	24.3	25.2	25.6	26.6
92.5°	32.4	31.3	30.0	28.8	27.6	26.4	25.1	26.4	27.6	28.8	30.0
95°	36.8	35.7	34.6	33.5	32.4	31.4	30.3	31.4	32.4	33.6	34.7
97.5°	41.0	40.3	39.6	39.0	38.2	37.6	36.9	37.7	38.3	39.1	39.7
100°	47.2	46.4	45.6	44.8	44.0	43.1	42.3	43.3	44.1	45.0	45.8
102.5°	81.9	76.9	71.9	66.9	61.8	56.8	51.8	56.8	61.8	67.0	72.0
105°	195.0	178.1	161.1	144.1	127.1	110.1	93.1	110.2	127.2	144.2	161.3
107.5°	392.6	362.9	332.9	303.1	273.1	243.2	213.3	243.2	273.2	303.1	333.0
110°	582.8	557.0	531.1	505.4	479.5	453.7	427.9	453.8	479.7	505.6	531.4



TEST NUMBER: P1444733  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL24

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	685.7	670.0	654.4	638.8	622.9	607.2	591.5	607.4	623.2	639.1	654.8
115°	707.5	699.1	690.9	682.6	674.2	666.0	657.5	666.2	674.6	683.0	691.4
117.5°	681.6	678.7	675.8	672.9	670.0	667.1	664.0	667.2	670.3	673.6	676.6
120°	628.6	629.0	629.3	629.5	629.8	630.0	630.2	630.4	630.4	630.4	630.3
122.5°	570.8	573.0	575.1	577.2	579.2	581.2	583.2	581.5	579.8	578.1	576.2
125°	517.5	519.9	522.0	524.2	526.2	528.5	530.3	528.8	527.0	525.3	523.3
127.5°	472.4	474.4	476.3	478.4	480.2	482.1	483.7	482.4	480.9	479.4	477.8
130°	435.0	436.7	438.1	439.6	440.9	442.2	443.4	442.6	441.7	440.8	439.8
132.5°	407.9	409.2	410.4	411.5	412.4	413.4	414.1	413.8	413.3	412.8	412.1
135°	387.1	387.9	388.5	389.4	390.0	390.6	390.9	391.1	390.9	390.8	390.4
137.5°	369.8	370.2	370.6	370.9	371.1	371.2	371.3	371.8	372.0	372.5	372.5
140°	358.3	358.8	359.1	359.5	359.7	359.9	359.9	360.4	360.7	361.0	361.1
142.5°	346.6	347.0	347.4	347.8	347.9	348.2	348.2	348.7	348.9	349.2	349.4
145°	338.1	338.3	338.5	338.8	338.8	338.9	338.6	339.4	339.8	340.2	340.5
147.5°	329.7	330.0	330.1	330.2	330.3	330.3	330.2	330.7	331.2	331.5	332.0
150°	323.1	323.7	323.9	324.4	324.6	324.8	324.8	325.3	325.5	325.7	325.7
152.5°	316.9	317.2	317.7	317.8	318.2	318.3	318.5	318.8	319.2	319.4	319.6
155°	311.1	311.6	312.0	312.4	312.7	313.0	313.3	313.6	313.9	314.0	314.1
157.5°	306.2	306.6	307.0	307.4	307.7	308.2	308.4	308.8	309.1	309.3	309.4
160°	302.6	303.2	303.4	303.9	304.3	304.6	304.9	305.3	305.5	305.7	306.0
162.5°	300.6	301.1	301.3	301.7	302.1	302.4	302.7	303.1	303.3	303.6	303.8
165°	297.7	298.2	298.7	299.2	299.7	300.1	300.5	300.7	300.8	300.9	301.1
167.5°	298.1	298.5	299.0	299.5	299.8	300.3	300.7	300.8	301.0	301.0	301.1
170°	297.9	298.3	298.7	299.1	299.5	299.9	300.3	300.3	300.4	300.4	300.5
172.5°	297.5	298.1	298.5	299.1	299.5	300.0	300.4	300.4	300.3	300.2	299.9
175°	297.7	298.2	298.5	299.0	299.3	299.7	300.2	299.9	299.9	299.7	299.5
177.5°	300.3	300.8	301.4	301.7	302.2	302.5	303.1	302.6	302.4	302.0	301.6
180°	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4



TEST NUMBER: P1444733  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL24

**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°	27.2	28.0	28.6	29.5	30.6	32.9	35.3	37.5	40.2	42.5	45.0
92.5°	31.3	32.5	33.8	35.0	36.3	40.0	43.6	47.3	51.0	54.7	58.3
95°	35.8	36.9	38.0	39.2	40.3	45.7	50.9	56.3	61.6	66.9	72.2
97.5°	40.5	41.1	41.9	42.5	43.3	49.6	55.8	62.1	68.3	74.6	80.8
100°	46.7	47.5	48.3	49.1	49.9	64.3	78.8	93.3	107.7	122.1	136.5
102.5°	77.1	82.1	87.2	92.3	97.3	132.3	167.3	202.3	237.2	272.1	307.0
105°	178.3	195.3	212.4	229.4	246.4	299.4	352.3	405.3	458.1	511.0	563.9
107.5°	363.1	393.0	423.0	453.0	482.9	532.7	582.4	632.2	682.0	731.8	781.3
110°	557.4	583.1	609.1	635.0	660.8	700.3	739.9	779.4	818.9	858.4	897.8



TEST NUMBER: P1444733  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL24

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	670.7	686.4	702.2	717.8	733.6	762.6	791.8	820.7	849.8	878.6	907.7
115°	700.0	708.2	716.6	724.9	733.3	750.8	768.3	786.0	803.5	820.9	838.4
117.5°	679.7	682.6	685.7	688.5	691.6	700.7	709.7	718.7	727.8	736.8	745.8
120°	630.2	630.0	629.8	629.5	629.4	632.2	635.2	638.0	640.8	643.6	646.3
122.5°	574.3	572.3	570.4	568.4	566.3	565.4	564.5	563.6	562.7	561.8	560.9
125°	521.5	519.3	517.4	515.2	513.2	510.7	508.4	505.8	503.5	500.9	498.5
127.5°	476.3	474.4	472.7	470.7	468.9	466.0	463.4	460.5	457.9	455.0	452.3
130°	438.6	437.3	436.1	434.6	433.3	430.8	428.5	426.1	423.6	421.3	418.8
132.5°	411.4	410.5	409.7	408.6	407.7	405.4	403.4	401.1	399.1	396.8	394.8
135°	390.2	389.6	389.3	388.6	388.1	386.4	384.8	383.2	381.6	380.0	378.4
137.5°	372.7	372.5	372.4	372.2	372.0	370.7	369.4	368.1	366.8	365.4	364.2
140°	361.3	361.2	361.2	361.0	360.8	359.4	358.0	356.5	355.2	353.6	352.4
142.5°	349.4	349.4	349.4	349.2	349.1	348.0	347.0	345.9	344.8	343.7	342.7
145°	340.7	340.8	341.1	341.0	341.2	339.8	338.6	337.2	336.1	334.6	333.4
147.5°	332.3	332.4	332.6	332.8	333.0	331.8	330.9	329.7	328.7	327.5	326.6
150°	325.9	325.9	326.0	325.9	325.9	324.7	323.7	322.6	321.6	320.3	319.3
152.5°	319.7	319.8	319.9	320.0	320.1	319.0	317.8	316.6	315.4	314.2	313.0
155°	314.3	314.3	314.4	314.4	314.4	313.3	312.2	311.1	310.0	308.9	307.8
157.5°	309.6	309.7	309.9	310.0	310.1	309.1	308.2	307.2	306.2	305.2	304.3
160°	306.2	306.3	306.5	306.6	306.7	305.9	305.3	304.3	303.6	302.6	301.7
162.5°	304.1	304.3	304.4	304.5	304.6	303.8	303.2	302.4	301.5	300.5	299.7
165°	301.2	301.2	301.2	301.2	301.1	300.5	300.1	299.5	299.0	298.4	297.8
167.5°	301.2	301.2	301.2	301.2	301.1	300.7	300.5	300.1	299.6	299.3	298.8
170°	300.5	300.5	300.5	300.5	300.4	300.1	299.7	299.4	299.1	298.5	298.1
172.5°	299.9	299.7	299.5	299.5	299.3	299.0	298.7	298.5	298.3	298.0	297.7
175°	299.4	299.2	299.0	298.8	298.6	298.5	298.5	298.4	298.3	298.1	298.0
177.5°	301.3	301.0	300.5	300.3	299.9	299.8	299.7	299.6	299.5	299.5	299.3
180°	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4



TEST NUMBER: P1444733  
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**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°	47.3	55.5	57.7	56.2	52.7	50.9	47.7	46.1	43.2	41.7	38.8
92.5°	62.0	65.6	69.3	66.1	62.8	59.5	56.3	52.8	49.7	46.3	43.1
95°	77.6	82.7	88.0	83.7	79.2	74.9	70.5	66.1	61.7	57.4	53.0
97.5°	87.0	93.2	99.3	95.0	90.6	86.2	81.8	77.5	73.1	68.7	64.3
100°	151.0	165.0	179.5	167.0	154.6	142.2	129.8	117.4	105.0	92.5	80.1
102.5°	341.9	376.7	411.5	380.1	348.7	317.4	286.1	254.7	223.4	192.0	160.6
105°	616.8	669.4	722.2	674.2	626.4	578.5	530.7	482.7	434.9	387.0	339.2
107.5°	831.1	880.3	929.9	886.6	843.3	800.1	756.8	713.5	670.1	626.9	583.7
110°	937.3	976.1	1015.5	986.4	957.3	928.2	899.2	870.1	841.1	812.2	783.2



TEST NUMBER: P1444733  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL24

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	936.5	964.7	993.3	976.2	959.3	942.3	925.4	908.2	891.4	874.4	857.6
115°	855.8	872.3	889.4	882.5	875.9	869.1	862.4	855.8	849.0	842.3	835.8
117.5°	754.8	762.5	771.1	769.8	768.7	767.3	766.1	764.9	763.8	762.6	761.5
120°	649.2	650.6	653.0	653.8	654.7	655.5	656.5	657.4	658.3	659.2	660.2
122.5°	559.9	557.5	556.1	556.8	557.7	558.4	559.2	560.1	561.0	561.8	562.7
125°	495.9	492.0	488.9	487.7	486.6	485.4	484.3	483.0	482.0	480.9	479.8
127.5°	449.4	444.9	441.7	438.9	436.2	433.5	430.8	428.0	425.4	422.6	420.2
130°	416.5	412.2	409.3	405.9	402.5	399.1	395.7	392.3	388.8	385.5	382.1
132.5°	392.5	388.5	385.8	382.5	379.4	375.9	372.9	369.4	366.2	362.8	359.7
135°	376.8	373.0	371.0	367.9	365.2	362.1	359.2	356.1	353.2	350.1	347.3
137.5°	362.8	359.3	357.5	355.0	352.8	350.4	348.1	345.6	343.3	340.7	338.5
140°	350.8	347.1	345.2	343.9	342.7	341.1	339.9	338.5	337.2	335.8	334.3
142.5°	341.6	338.0	336.4	335.5	334.8	333.9	333.2	332.3	331.4	330.4	329.5
145°	332.2	328.2	326.3	326.1	326.2	326.1	326.0	325.9	325.8	325.6	325.6
147.5°	325.5	321.4	319.7	319.8	320.0	320.1	320.4	320.5	320.7	320.7	320.9
150°	318.0	313.5	311.4	311.8	312.1	312.5	313.0	313.2	313.7	314.0	314.4
152.5°	311.8	306.2	304.0	304.3	304.9	305.3	305.7	306.2	306.7	307.2	307.7
155°	306.4	300.5	298.1	298.2	298.4	298.5	298.7	299.0	299.3	299.5	299.9
157.5°	303.1	297.0	294.6	294.6	294.6	294.6	294.7	294.9	295.0	295.2	295.4
160°	300.9	294.8	292.6	292.4	292.5	292.5	292.5	292.5	292.7	292.7	293.0
162.5°	298.8	292.8	290.7	290.5	290.5	290.4	290.5	290.4	290.6	290.6	290.8
165°	297.2	292.0	290.1	290.1	290.2	290.3	290.4	290.6	290.8	290.9	291.2
167.5°	298.3	293.7	292.3	292.0	291.8	291.6	291.6	291.3	291.3	291.2	291.2
170°	297.6	294.0	292.7	292.7	292.8	292.7	292.7	292.8	292.9	292.8	293.0
172.5°	297.4	294.7	293.7	294.0	294.3	294.5	294.7	294.9	295.2	295.5	295.7
175°	297.8	296.3	295.8	295.8	295.9	296.1	296.2	296.4	296.5	296.6	296.9
177.5°	299.3	298.7	298.5	298.5	298.5	298.5	298.5	298.5	298.5	298.5	298.5
180°	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4



TEST NUMBER: P1444733  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL24

**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°	37.5	35.6	35.3	33.2	33.3	31.1	31.7	29.6	30.6	28.2	31.9
92.5°	39.8	38.2	36.3	34.6	32.7	31.1	29.2	27.5	25.6	23.9	25.6
95°	48.7	47.0	45.4	43.7	42.1	40.4	38.8	37.2	35.5	33.9	36.0
97.5°	60.0	59.0	58.1	57.1	56.2	55.2	54.3	53.3	52.4	51.4	52.7
100°	67.7	67.7	67.7	67.7	67.6	67.6	67.6	67.6	67.6	67.6	68.7
102.5°	129.2	126.1	123.0	119.8	116.7	113.6	110.5	107.3	104.2	101.1	105.7
105°	291.4	279.1	266.8	254.5	242.3	230.0	217.8	205.5	193.2	181.0	193.7
107.5°	540.5	518.1	495.8	473.4	451.0	428.7	406.4	384.0	361.7	339.4	359.5
110°	754.2	730.5	706.7	683.0	659.3	635.4	611.8	588.1	564.4	540.7	559.7



TEST NUMBER: P1444733  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL24

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	840.6	825.2	809.9	794.5	779.2	763.9	748.7	733.4	718.2	702.9	712.2
115°	829.1	821.8	814.5	807.2	799.9	792.6	785.3	778.1	770.9	763.7	764.2
117.5°	760.4	757.9	755.4	752.9	750.5	748.1	745.7	743.4	741.1	738.7	733.6
120°	661.3	662.0	662.6	663.4	664.2	665.2	665.8	666.8	667.7	668.7	661.7
122.5°	563.6	565.4	567.1	568.9	570.8	572.6	574.5	576.5	578.6	580.6	573.6
125°	478.7	480.4	482.1	483.9	485.5	487.5	489.3	491.4	493.3	495.5	489.6
127.5°	417.5	418.1	418.5	419.2	419.7	420.5	421.4	422.3	423.2	424.3	420.5
130°	378.8	378.0	377.3	376.7	375.9	375.5	375.1	374.7	374.3	374.1	372.5
132.5°	356.4	354.8	353.2	351.7	350.2	348.9	347.6	346.5	345.3	344.3	343.9
135°	344.1	342.0	339.9	337.9	335.8	334.0	332.1	330.4	328.7	327.2	327.5
137.5°	336.1	334.0	331.7	329.7	327.7	325.9	324.0	322.3	320.7	319.1	319.7
140°	333.0	330.8	328.7	326.7	324.8	322.9	321.1	319.5	317.7	316.3	316.7
142.5°	328.6	326.9	324.8	323.1	321.2	319.6	317.9	316.5	314.8	313.5	314.0
145°	325.5	324.0	322.6	321.2	319.9	318.8	317.4	316.4	315.3	314.4	314.7
147.5°	321.0	320.0	318.8	317.9	316.8	315.9	314.9	314.2	313.4	312.7	312.8
150°	314.8	314.1	313.4	312.8	312.1	311.6	311.0	310.5	310.0	309.5	309.5
152.5°	308.2	307.6	306.9	306.3	305.8	305.3	304.7	304.3	303.9	303.4	303.4
155°	300.2	299.9	299.6	299.5	299.2	299.1	298.8	298.8	298.6	298.5	298.6
157.5°	295.6	295.6	295.5	295.5	295.5	295.5	295.4	295.6	295.5	295.6	295.7
160°	293.3	293.1	292.9	292.8	292.7	292.6	292.6	292.5	292.5	292.4	292.7
162.5°	290.9	291.1	291.2	291.4	291.6	291.7	291.9	292.2	292.4	292.7	292.8
165°	291.5	291.5	291.4	291.4	291.4	291.5	291.4	291.6	291.6	291.7	292.0
167.5°	291.1	291.3	291.4	291.6	291.7	292.0	292.3	292.6	292.9	293.3	293.7
170°	293.0	293.0	293.0	293.0	293.0	293.1	293.2	293.3	293.4	293.6	293.8
172.5°	295.9	295.9	295.8	295.9	295.8	295.9	295.9	296.0	296.0	296.1	296.3
175°	296.9	297.2	297.4	297.5	297.6	297.7	297.9	298.0	298.2	298.3	298.3
177.5°	298.5	298.6	298.6	298.6	298.6	298.7	298.7	298.7	298.7	298.6	298.7
180°	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4



TEST NUMBER: P1444733  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL24

**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°	31.9	35.1	35.3	38.2	38.7	42.1	42.7	46.0	46.4	49.8	50.7
92.5°	27.5	29.2	31.0	32.7	34.5	36.3	38.1	39.8	43.6	47.2	51.2
95°	38.0	40.1	42.1	44.1	46.1	48.2	50.2	52.3	57.9	63.4	69.1
97.5°	54.1	55.5	56.8	58.2	59.5	60.9	62.3	63.6	69.6	75.6	81.6
100°	69.8	70.9	72.0	73.1	74.1	75.2	76.3	77.4	89.1	100.6	112.2
102.5°	110.3	114.9	119.5	124.2	128.8	133.4	138.0	142.7	169.3	195.9	222.4
105°	206.3	219.0	231.7	244.3	256.9	269.6	282.3	295.0	337.6	380.0	422.7
107.5°	379.5	399.4	419.4	439.6	459.6	479.6	499.7	519.8	561.2	602.7	644.1
110°	578.9	598.0	617.0	636.2	655.3	674.4	693.5	712.7	737.6	762.4	787.4



TEST NUMBER: P1444733  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL24

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	721.4	730.7	740.0	749.4	758.8	768.1	777.4	786.9	799.3	811.7	824.2
115°	764.9	765.4	766.0	766.7	767.4	767.9	768.8	769.5	773.5	777.4	781.3
117.5°	728.5	723.4	718.4	713.2	708.2	703.3	698.3	693.5	692.7	691.9	691.3
120°	655.1	648.2	641.4	634.5	627.9	621.1	614.6	608.0	604.6	601.3	597.9
122.5°	566.9	560.1	553.4	546.6	540.1	533.4	526.9	520.4	518.1	515.7	513.3
125°	484.0	478.3	472.7	467.1	461.7	456.2	451.0	445.6	445.5	445.3	445.3
127.5°	417.1	413.6	410.3	406.9	403.8	400.5	397.4	394.3	395.8	397.2	398.8
130°	371.0	369.4	368.2	366.6	365.5	364.3	363.1	361.9	364.5	367.1	369.7
132.5°	343.7	343.4	343.3	343.1	343.2	343.2	343.4	343.4	346.4	349.4	352.4
135°	327.9	328.3	329.0	329.5	330.3	330.9	331.8	332.4	335.4	338.2	341.1
137.5°	320.5	321.1	321.9	322.7	323.8	324.7	325.9	326.8	329.1	331.4	333.6
140°	317.3	317.8	318.5	319.2	320.0	320.7	321.7	322.6	324.5	326.2	328.0
142.5°	314.6	315.0	315.7	316.4	317.2	317.8	318.8	319.4	320.8	322.1	323.6
145°	315.0	315.4	315.9	316.4	316.9	317.6	318.1	318.8	319.7	320.5	321.3
147.5°	313.0	313.3	313.7	314.0	314.4	314.8	315.1	315.5	316.2	316.7	317.2
150°	309.6	309.7	309.9	310.0	310.2	310.5	310.7	311.0	311.4	311.9	312.4
152.5°	303.6	303.7	303.8	303.9	304.1	304.3	304.3	304.6	305.1	305.5	306.0
155°	298.8	299.1	299.4	299.6	300.0	300.1	300.4	300.7	301.1	301.4	301.7
157.5°	296.0	296.2	296.6	296.6	297.0	297.3	297.5	297.7	298.1	298.4	298.6
160°	293.1	293.6	293.8	294.3	294.7	295.1	295.5	295.9	296.2	296.5	296.7
162.5°	293.2	293.5	293.7	293.9	294.2	294.6	294.7	295.0	295.6	295.8	296.4
165°	292.6	292.8	293.4	293.7	294.2	294.6	294.9	295.3	295.6	295.8	296.0
167.5°	294.0	294.3	294.7	295.2	295.6	295.9	296.3	296.7	297.0	297.1	297.5
170°	294.1	294.6	294.8	295.2	295.6	295.8	296.2	296.6	296.9	297.3	297.6
172.5°	296.5	296.8	297.1	297.3	297.5	297.9	298.2	298.5	298.7	299.1	299.3
175°	298.3	298.3	298.4	298.5	298.5	298.5	298.5	298.7	298.8	298.9	298.9
177.5°	298.9	299.0	299.2	299.3	299.5	299.5	299.7	299.8	299.8	299.8	299.8
180°	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4



TEST NUMBER: P1444733  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL24

**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°	54.7	56.0	60.3	61.7	66.6	68.5	69.8	67.6	68.8	66.7	67.8
92.5°	54.8	58.9	62.7	66.5	70.3	74.2	70.6	67.1	63.5	60.1	56.5
95°	74.6	80.2	85.7	91.4	96.9	102.5	96.5	90.6	84.7	78.7	72.6
97.5°	87.6	93.6	99.6	105.6	111.7	117.6	110.6	103.5	96.4	89.5	82.3
100°	123.8	135.4	147.0	158.6	170.2	181.8	168.7	155.5	142.3	129.1	115.9
102.5°	249.1	275.6	302.3	328.8	355.4	382.0	354.1	326.2	298.2	270.2	242.1
105°	465.1	507.7	550.2	592.8	635.3	678.0	632.6	587.3	541.8	496.6	451.1
107.5°	685.7	727.1	768.7	810.1	851.7	893.2	847.2	801.2	755.2	709.2	663.2
110°	812.3	837.3	862.2	887.3	912.1	937.1	903.6	870.0	836.5	802.7	769.2



TEST NUMBER: P1444733  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL24

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	836.7	849.2	861.6	874.3	886.8	899.4	875.3	851.3	827.3	803.4	779.2
115°	785.3	789.3	793.3	797.4	801.3	805.4	789.1	772.9	756.8	740.7	724.2
117.5°	690.5	689.9	689.1	688.6	687.8	687.2	678.1	669.1	660.0	650.9	641.8
120°	594.6	591.2	587.8	584.6	581.2	577.8	574.0	570.3	566.3	562.5	558.5
122.5°	511.1	508.8	506.5	504.2	501.8	499.4	497.9	496.6	494.9	493.5	491.9
125°	445.2	445.1	445.0	444.9	444.8	444.6	443.8	443.1	442.3	441.7	440.7
127.5°	400.1	401.7	403.0	404.5	405.9	407.3	407.0	406.9	406.7	406.6	406.2
130°	372.2	374.9	377.4	379.8	382.3	384.9	384.3	384.0	383.5	383.1	382.6
132.5°	355.4	358.3	361.3	364.3	367.1	370.0	369.3	368.9	368.2	367.7	367.2
135°	343.9	346.8	349.5	352.4	355.0	357.7	356.9	356.4	355.6	355.0	354.2
137.5°	335.8	338.2	340.2	342.5	344.6	346.8	346.0	345.3	344.6	344.0	343.2
140°	329.7	331.4	333.2	335.0	336.6	338.3	337.4	336.5	335.6	334.7	333.7
142.5°	324.8	326.2	327.4	328.7	329.9	331.3	329.9	328.6	327.5	326.3	324.9
145°	322.2	323.1	323.8	324.6	325.4	326.2	324.6	323.4	321.7	320.5	318.9
147.5°	317.7	318.3	318.6	319.2	319.5	320.1	318.7	317.3	315.9	314.6	313.1
150°	312.8	313.3	313.7	314.0	314.5	314.9	313.4	312.0	310.5	309.1	307.7
152.5°	306.4	306.8	307.2	307.5	307.9	308.2	306.8	305.6	304.2	302.7	301.4
155°	301.8	302.2	302.4	302.6	302.7	302.9	301.6	300.7	299.5	298.4	297.1
157.5°	298.8	299.1	299.4	299.5	299.6	299.8	298.9	298.2	297.2	296.4	295.4
160°	296.9	297.2	297.4	297.5	297.7	297.8	297.1	296.5	295.7	294.9	294.1
162.5°	296.6	297.0	297.3	297.6	297.9	298.3	297.3	296.6	295.6	294.7	293.7
165°	296.3	296.5	296.6	296.9	296.9	297.2	296.6	296.0	295.4	294.8	294.2
167.5°	297.5	297.8	298.0	298.2	298.3	298.5	297.8	297.4	296.6	296.1	295.4
170°	297.9	298.1	298.5	298.7	299.0	299.2	298.7	298.3	297.7	297.3	296.7
172.5°	299.6	299.8	300.0	300.3	300.4	300.7	300.2	299.6	299.2	298.6	298.1
175°	298.9	299.0	299.2	299.2	299.2	299.3	298.9	298.5	298.1	297.6	297.3
177.5°	299.8	299.8	299.8	299.7	299.7	299.7	299.5	299.2	298.9	298.6	298.3
180°	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4



TEST NUMBER: P1444733  
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**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°	65.8	67.2	65.1	66.5	65.6	68.0	67.5	69.9	69.1	71.1	69.6
92.5°	52.9	49.4	46.0	42.3	40.5	38.6	37.2	35.1	33.4	31.5	29.7
95°	66.6	60.6	54.7	48.7	46.6	44.5	42.4	40.4	38.3	36.3	34.3
97.5°	75.2	68.2	61.1	54.0	52.2	50.5	48.6	46.9	45.0	43.3	41.5
100°	102.7	89.5	76.4	63.1	61.5	60.1	58.5	57.1	55.6	54.1	52.6
102.5°	214.2	186.2	158.1	130.1	124.7	119.5	114.1	108.7	103.4	98.1	92.7
105°	405.8	360.3	314.9	269.4	255.0	240.5	226.0	211.6	197.2	182.8	168.3
107.5°	617.1	571.0	524.9	478.7	452.2	425.4	398.8	372.0	345.4	318.6	291.9
110°	735.6	701.9	668.1	634.4	613.1	591.7	570.1	548.6	527.2	505.6	484.1



TEST NUMBER: P1444733  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL24

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	755.2	731.1	706.9	682.7	673.1	663.3	653.6	643.9	634.1	624.2	614.5
115°	708.0	691.8	675.5	659.0	655.7	652.3	648.8	645.3	642.0	638.4	634.9
117.5°	632.7	623.6	614.4	605.2	605.7	606.2	606.9	607.4	607.8	608.2	608.7
120°	554.6	550.6	546.8	542.8	545.8	548.7	551.7	554.4	557.4	560.1	562.9
122.5°	490.4	488.8	487.3	485.6	489.2	492.9	496.3	499.7	503.2	506.5	509.8
125°	440.0	439.1	438.4	437.4	441.1	444.6	448.2	451.6	455.2	458.4	461.8
127.5°	406.1	405.9	405.7	405.3	408.0	410.4	412.9	415.3	417.8	420.0	422.2
130°	382.2	381.7	381.3	380.7	383.0	385.3	387.6	389.7	392.0	393.9	395.9
132.5°	366.6	366.0	365.4	364.8	366.6	368.1	369.8	371.1	372.7	373.9	375.2
135°	353.6	352.7	352.2	351.3	352.9	354.5	355.9	357.2	358.5	359.6	360.8
137.5°	342.5	341.8	341.0	340.2	341.6	343.0	344.2	345.5	346.6	347.8	348.7
140°	333.0	332.0	331.2	330.2	331.4	332.6	333.8	334.8	335.9	336.7	337.6
142.5°	323.7	322.4	321.3	319.9	320.8	321.7	322.6	323.3	324.1	324.7	325.3
145°	317.6	316.0	314.7	313.2	314.0	314.5	315.2	315.9	316.3	316.7	317.2
147.5°	311.9	310.4	309.0	307.5	308.2	308.6	309.0	309.3	309.9	310.1	310.4
150°	306.2	304.6	303.2	301.6	302.1	302.4	302.8	303.2	303.5	303.7	304.0
152.5°	299.9	298.5	297.1	295.6	296.0	296.3	296.6	296.7	297.0	297.2	297.4
155°	296.0	294.7	293.6	292.2	292.6	292.7	292.9	293.2	293.3	293.4	293.6
157.5°	294.5	293.4	292.6	291.5	291.6	291.6	291.7	291.5	291.6	291.5	291.5
160°	293.4	292.5	291.7	290.8	290.7	290.8	290.8	290.7	290.6	290.5	290.4
162.5°	292.8	291.8	290.9	289.8	289.8	289.9	289.9	289.8	289.8	289.6	289.6
165°	293.6	292.8	292.1	291.3	291.2	291.1	291.0	290.8	290.6	290.3	290.1
167.5°	294.7	294.0	293.3	292.4	292.6	292.6	292.6	292.5	292.5	292.3	292.3
170°	296.2	295.6	295.0	294.4	294.3	294.2	294.1	293.9	293.7	293.6	293.4
172.5°	297.5	296.9	296.4	295.6	295.6	295.6	295.5	295.4	295.1	295.0	294.9
175°	296.7	296.4	295.7	295.4	295.3	295.3	295.2	295.1	294.9	294.9	294.7
177.5°	298.0	297.7	297.4	297.1	297.0	297.0	296.9	296.8	296.8	296.8	296.7
180°	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4



TEST NUMBER: P1444733  
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL24

**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°	71.4	69.7
92.5°	28.2	26.6
95°	32.3	30.2
97.5°	39.8	38.0
100°	51.1	49.6
102.5°	87.5	82.1
105°	153.9	139.5
107.5°	265.2	238.5
110°	462.6	441.1



TEST NUMBER: P1444733  
CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL24

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	604.6	594.8
115°	631.2	627.6
117.5°	609.1	609.4
120°	565.5	568.2
122.5°	512.9	516.1
125°	464.9	468.1
127.5°	424.3	426.2
130°	397.4	399.3
132.5°	376.2	377.3
135°	361.7	362.6
137.5°	349.4	350.2
140°	338.2	338.9
142.5°	325.7	326.2
145°	317.5	317.8
147.5°	310.3	310.6
150°	304.1	304.2
152.5°	297.4	297.5
155°	293.6	293.6
157.5°	291.2	291.1
160°	290.2	290.0
162.5°	289.3	289.2
165°	289.8	289.5
167.5°	292.0	292.1
170°	293.1	293.0
172.5°	294.7	294.6
175°	294.6	294.6
177.5°	296.7	296.6
180°	298.4	298.4

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**

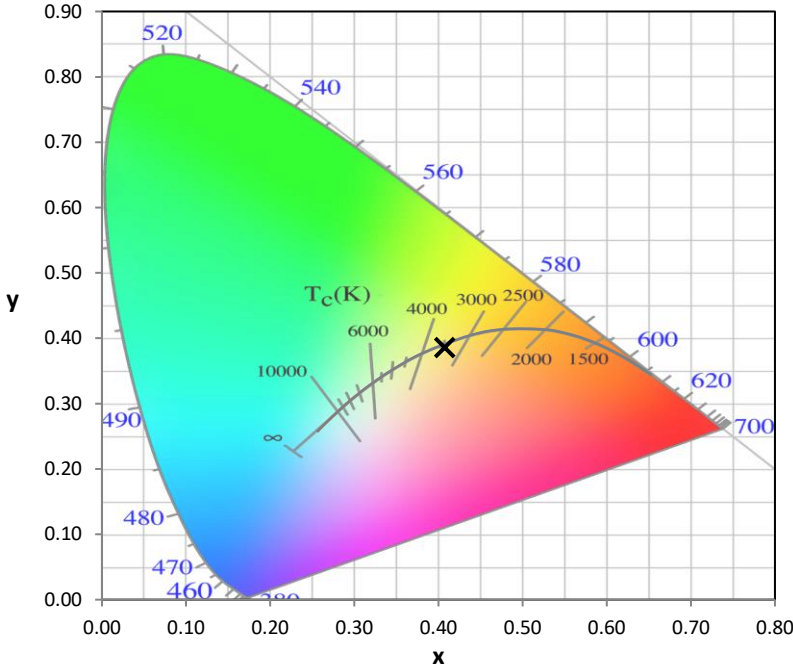
Stabilization Time: 35M  
 Operation Time: 1H 35M  
 Sphere Temperature (°C): 25.0

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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 <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /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**

$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /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

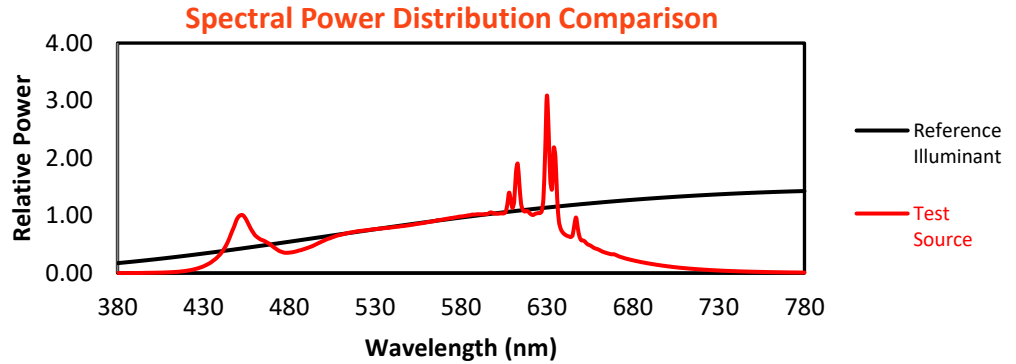


Melanopic Lumens: NR M/P: 3.3

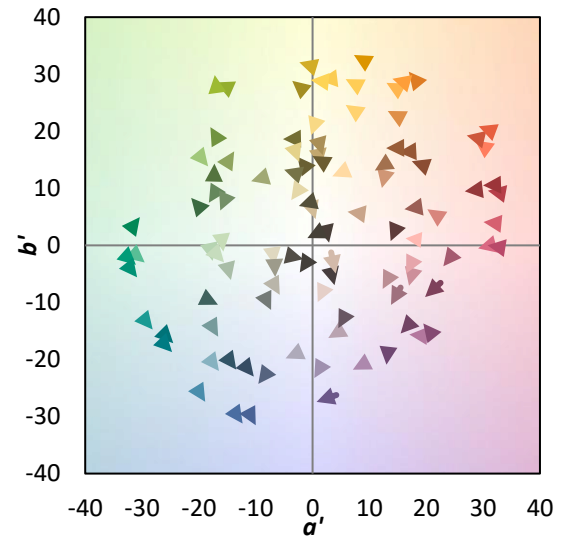
λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	140	NR	620	338	NR	750	8	NR	880	0	NR
365	0	NR	495	159	NR	625	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**

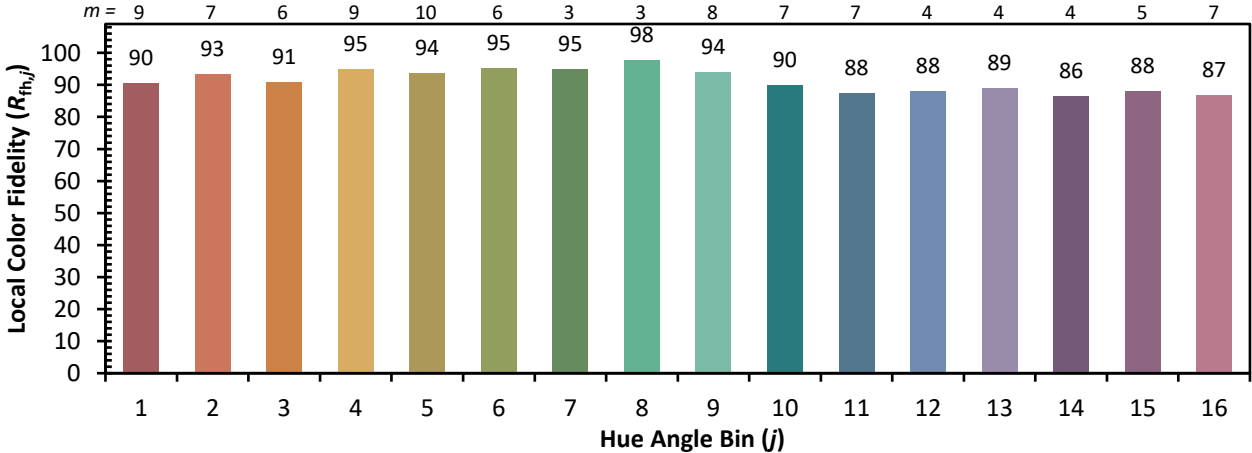


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

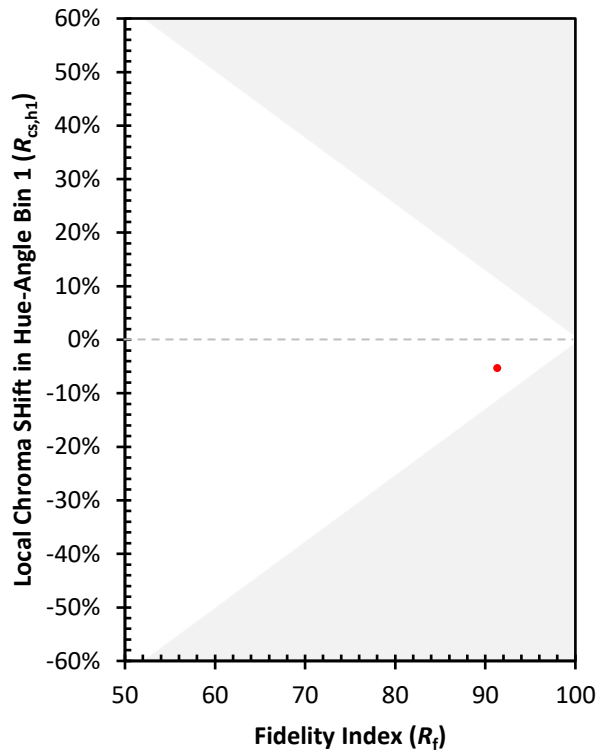
CES01 = 86	CES26 = 94	CES51 = 97	CES76 = 90
CES02 = 63	CES27 = 92	CES52 = 98	CES77 = 86
CES03 = 31	CES28 = 97	CES53 = 98	CES78 = 86
CES04 = 70	CES29 = 97	CES54 = 93	CES79 = 90
CES05 = 50	CES30 = 92	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 97	CES56 = 96	CES81 = 74
CES07 = 43	CES32 = 89	CES57 = 94	CES82 = 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)