

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: P1444387

Luminaire Tested: EHBR1-30-UNV-TA-L840-UPL24

Issue Date: 5/1/2026

**Test Information**

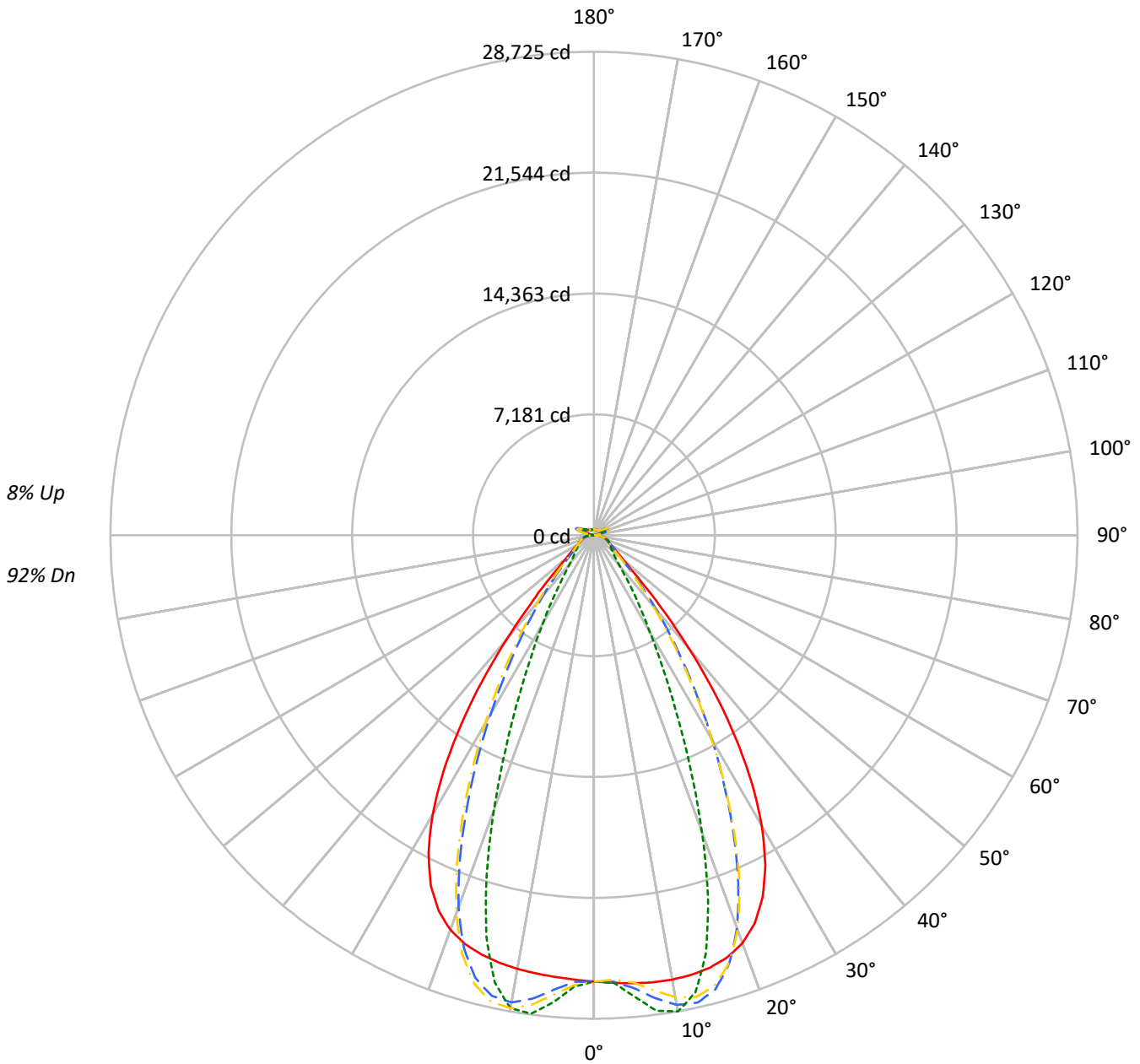
Test Method: LM-79-2019  
Report Number: P1444387  
REPORT IS A COMBINATION OF REPORTS P1444330 AND P1431635  
Test Lab: INNOVATION CENTER  
Issue Date: 5/1/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: EHBR1-30-UNV-TA-L840-UPL24  
Description: Elevate Round Highbay at, 30000 lumens, 4000K 80CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 33153.7 lumens  
Efficiency: N/A  
Efficacy: 188.1 lumens/watt  
Spacing Criteria (0/90/45): 1.13 / 0.77 / 0.88  
Luminous Opening: Vertical Cylinder (Dia: 1.71' x H: 0.1')  
CIE Type: Direct  
  
Input Watts (W): 176.3  
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: P1444387  
CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

### Luminous Intensity Polar Plot



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



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**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	113	113	113	113	107	107	107	100	100	100	95	95	95	95	95	95	92
1	110	107	103	101	107	104	101	98	98	96	94	93	91	90	88	87	86	86	86	86	83
2	103	97	92	88	100	95	90	87	90	87	83	86	83	80	82	80	78	78	78	78	75
3	97	89	83	79	94	87	82	77	83	79	75	80	76	73	76	73	71	71	71	71	69
4	91	82	76	71	88	80	75	70	77	72	68	74	70	67	71	68	65	65	65	65	63
5	86	76	69	64	83	75	68	64	72	66	62	69	65	61	67	63	60	60	60	60	58
6	81	71	64	59	79	69	63	58	67	62	57	65	60	56	63	59	55	55	55	55	54
7	76	66	59	54	74	65	58	54	63	57	53	61	56	52	59	55	51	51	51	51	50
8	72	62	55	50	70	61	54	50	59	53	49	57	52	49	56	51	48	48	48	48	46
9	68	58	51	47	67	57	51	47	55	50	46	54	49	45	52	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°	124521	124521	124521	124521
5°	125124	128772	123373	130459
10°	126168	135201	123143	134307
15°	126787	122558	122927	117624
20°	125476	91302	121370	84476
25°	118769	57743	114843	52392
30°	103753	34699	99734	31712
35°	79849	21773	75256	19288
40°	50512	13658	46214	12834
45°	26035	10641	25604	10466
50°	15264	9465	14796	9317
55°	11694	8954	11261	8874
60°	9895	9147	9474	9029
65°	9294	9553	8938	9227
70°	9080	10002	8627	9626
75°	9708	10608	9183	10140
80°	10046	11746	9109	10721
85°	9462	11336	7643	9706

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 25°  
 Vertical Angle: 45°  
 Luminance: 39843 cd/sqm



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	2613.2	7.9
10°-20°	7351.2	22.2
20°-30°	8372.4	25.3
30°-40°	6017.7	18.2
40°-50°	2775.4	8.4
50°-60°	1328.1	4.0
60°-70°	969.1	2.9
70°-80°	736.2	2.2
80°-90°	339.2	1.0
90°-100°	75.5	0.2
100°-110°	435.8	1.3
110°-120°	805.1	2.4
120°-130°	492.0	1.5
130°-140°	315.6	1.0
140°-150°	233.6	0.7
150°-160°	162.4	0.5
160°-170°	97.8	0.3
170°-180°	33.4	0.1
0°-30°	18336.8	55.3
0°-40°	24354.5	73.5
0°-60°	28458.0	85.8
0°-90°	30502.5	92.0
90°-120°	1316.3	4.0
90°-150°	2357.6	7.1
90°-180°	2651.0	8.0
0°-180°	33153.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	26516	26516	26516	26516	26516	
5°	26716	27495	26342	27855	26716	2553
15°	26599	25712	25790	24677	26599	7494
25°	23718	11531	22934	10463	23718	10752
35°	14655	3996	13812	3540	14655	8994
45°	4212	1722	4143	1693	4212	3583
55°	1580	1210	1522	1199	1580	1459
65°	970	997	933	963	970	969
75°	684	747	647	714	684	711
85°	325	390	263	334	325	306
90°	91	115	29	34	91	56
95°	34	38	35	39	34	33
105°	157	202	105	203	157	208
115°	702	852	735	852	702	648
125°	527	553	597	555	527	480
135°	414	368	446	370	414	323
145°	367	357	391	361	367	232
155°	342	344	365	347	342	159
165°	340	340	353	342	340	97
175°	348	352	355	352	348	33
180°	353	353	353	353	353	



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8
2.5°	26617.1	26615.0	26614.6	26612.7	26612.3	26612.3	26611.4	26609.1	26607.8	26604.8	26601.3
5°	26715.9	26714.7	26715.4	26715.6	26713.8	26709.6	26703.1	26695.2	26685.1	26675.7	26667.3
7.5°	26792.3	26794.1	26796.5	26796.0	26790.2	26780.5	26767.2	26759.7	26764.1	26778.6	26811.7
10°	26806.2	26817.6	26822.0	26820.6	26809.0	26800.8	26804.0	26832.0	26887.9	26962.6	27064.6
12.5°	26751.9	26765.8	26765.3	26760.7	26749.5	26760.9	26801.6	26885.2	27005.1	27152.2	27324.8
15°	26599.3	26617.3	26612.3	26606.2	26598.8	26636.2	26717.5	26862.7	27047.9	27255.3	27467.7
17.5°	26303.0	26324.8	26314.2	26307.4	26301.1	26371.2	26510.9	26723.6	26956.7	27191.4	27392.7
20°	25789.0	25803.7	25778.4	25766.5	25776.5	25914.0	26119.7	26391.3	26637.1	26859.0	26996.6
22.5°	24950.2	24968.4	24921.0	24915.4	24974.1	25185.2	25445.5	25749.1	25980.0	26156.0	26209.0
25°	23718.0	23735.8	23679.4	23713.1	23812.8	24100.5	24410.3	24735.1	24932.2	25062.5	25026.5
27.5°	22054.6	22071.0	22017.5	22086.3	22243.8	22621.8	22986.5	23338.9	23514.4	23605.8	23490.0
30°	19956.8	19990.7	19927.5	20023.6	20264.0	20754.7	21172.7	21567.7	21742.8	21812.3	21632.3
32.5°	17465.3	17513.5	17443.9	17586.8	17922.3	18511.6	18986.5	19427.9	19621.5	19700.8	19497.5
35°	14655.1	14724.3	14644.4	14858.8	15272.6	15929.0	16454.8	16947.6	17176.9	17289.4	17084.5
37.5°	11678.0	11743.9	11700.6	11986.7	12441.1	13121.4	13658.0	14189.7	14448.8	14617.5	14455.9
40°	8755.0	8815.3	8848.0	9175.1	9602.6	10243.8	10759.2	11285.3	11575.0	11786.8	11687.1
42.5°	6179.3	6240.1	6351.4	6667.0	7023.4	7554.2	7995.7	8468.0	8744.8	8970.7	8932.4
45°	4212.3	4282.9	4422.2	4680.8	4938.6	5319.3	5643.5	6010.8	6236.9	6443.9	6446.4
47.5°	2951.7	3001.4	3125.9	3302.4	3470.5	3947.1	3966.7	4147.2	4299.2	4453.9	4474.0
50°	2274.9	2304.8	2370.7	2469.1	2564.4	2688.1	2801.4	2932.3	3025.8	3110.5	3130.8
52.5°	1869.8	1888.7	1922.3	1975.6	2030.9	2098.2	2158.9	2230.7	2281.6	2327.0	2336.4
55°	1580.3	1596.0	1646.1	1656.2	1719.3	1731.5	1758.5	1802.2	1831.7	1859.0	1865.7
57.5°	1361.8	1373.2	1383.8	1406.5	1426.0	1454.3	1477.1	1508.5	1527.1	1546.8	1548.4
60°	1189.5	1197.7	1205.3	1221.0	1234.3	1254.0	1269.6	1291.0	1304.3	1319.1	1320.8
62.5°	1061.3	1067.1	1072.2	1082.6	1091.9	1107.1	1119.6	1137.3	1149.9	1161.3	1163.8
65°	970.1	974.4	977.6	985.5	993.8	1006.6	1017.9	1032.4	1041.6	1050.3	1052.2
67.5°	889.2	893.4	896.7	903.9	909.6	919.2	926.8	937.7	944.6	951.6	951.8
70°	796.7	800.5	803.1	809.7	814.4	822.6	828.7	838.6	845.6	853.4	855.3
72.5°	732.6	734.9	738.3	744.4	750.8	759.7	767.7	778.0	786.5	794.6	798.0
75°	683.9	686.5	688.7	694.0	698.4	705.9	712.0	721.3	728.8	737.4	741.6
77.5°	613.5	616.6	618.5	623.8	627.6	634.8	639.2	647.6	653.7	661.6	665.4
80°	528.5	531.3	532.8	537.6	540.7	547.3	551.7	559.8	564.8	572.7	577.3
82.5°	434.3	437.0	437.8	442.4	444.1	449.5	452.7	461.0	467.3	477.5	484.6
85°	325.2	326.2	327.7	326.5	333.2	333.6	341.0	342.4	352.2	354.8	366.0
87.5°	198.8	201.8	203.2	207.8	209.7	214.2	215.6	220.5	223.1	228.5	231.2
90°	91.3	96.4	98.4	104.2	106.1	111.4	113.0	118.8	120.8	126.8	130.0
92.5°	30.4	32.4	34.2	36.5	38.4	41.1	43.3	45.4	47.4	49.9	54.0
95°	34.5	36.8	39.0	41.4	43.6	45.9	48.1	50.4	52.7	55.0	61.5
97.5°	43.3	45.3	47.2	49.2	51.2	53.2	55.1	57.1	59.0	60.9	68.8
100°	56.2	57.9	59.5	61.2	62.9	64.6	66.2	67.9	69.5	71.2	85.9
102.5°	92.7	98.7	104.5	110.5	116.4	122.2	128.2	134.1	139.9	145.9	176.9
105°	156.8	172.7	188.9	204.9	221.0	237.0	253.1	269.0	285.0	301.0	351.6
107.5°	267.4	296.9	326.7	356.4	386.1	415.7	445.5	475.0	504.8	534.3	585.6
110°	493.3	517.0	540.9	564.8	588.7	612.6	636.4	660.1	684.0	707.7	745.1



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	664.9	675.6	686.4	697.2	708.0	718.7	729.5	740.2	751.0	761.7	788.4
115°	702.0	705.7	709.5	713.3	717.1	720.7	724.5	728.1	731.8	735.4	753.5
117.5°	682.3	681.7	681.0	680.4	679.5	678.8	677.9	677.1	676.2	675.4	685.6
120°	637.2	633.9	630.6	627.1	623.8	620.1	616.8	613.3	609.7	606.1	610.5
122.5°	580.0	575.9	572.1	568.0	563.9	559.7	555.7	551.2	547.2	542.9	544.6
125°	527.4	523.3	519.4	515.2	511.1	506.7	502.5	498.1	493.9	489.5	490.4
127.5°	481.8	479.0	476.1	473.0	470.0	466.9	463.7	460.5	457.5	454.0	454.3
130°	452.6	450.2	447.6	444.8	442.0	439.0	436.1	433.2	430.3	427.2	427.5
132.5°	429.1	427.3	425.5	423.5	421.5	419.0	417.0	414.5	412.5	410.2	410.5
135°	413.8	412.0	410.4	408.4	406.5	404.4	402.3	400.1	397.9	395.7	396.3
137.5°	400.8	399.4	397.7	395.9	394.1	392.0	390.2	388.1	386.0	383.9	384.4
140°	389.1	387.7	386.2	384.5	382.9	381.1	379.2	377.4	375.4	373.4	374.1
142.5°	375.8	374.5	373.4	372.1	370.8	369.1	367.6	366.0	364.5	362.7	363.7
145°	367.2	366.2	365.3	364.1	362.9	361.4	360.2	358.7	357.5	356.0	357.1
147.5°	359.7	358.9	358.2	357.3	356.4	355.1	354.0	352.6	351.6	350.4	351.5
150°	353.2	352.4	351.8	350.9	349.9	348.8	347.7	346.7	345.6	344.4	345.5
152.5°	346.3	345.5	344.9	344.0	343.1	341.8	341.1	339.9	338.9	337.8	338.7
155°	342.5	341.6	340.8	340.0	339.1	338.2	337.2	336.2	335.3	334.2	335.1
157.5°	340.3	339.5	339.0	338.1	337.7	336.8	336.1	335.2	334.5	333.7	334.3
160°	339.8	339.2	338.5	337.8	337.1	336.3	335.6	334.8	334.2	333.4	333.9
162.5°	339.6	338.8	338.2	337.4	336.9	336.0	335.4	334.7	334.1	333.2	333.8
165°	340.5	340.1	339.6	339.1	338.7	338.2	337.7	337.1	336.6	336.0	336.3
167.5°	344.2	343.5	343.1	342.4	341.8	341.2	340.6	339.9	339.5	338.7	339.1
170°	345.7	345.2	345.0	344.7	344.3	343.9	343.6	343.2	342.8	342.4	342.7
172.5°	347.9	347.5	347.3	347.1	346.7	346.5	346.2	345.9	345.7	345.3	345.8
175°	348.2	347.9	347.8	347.6	347.5	347.3	347.2	347.0	347.0	346.7	346.9
177.5°	350.6	350.5	350.5	350.4	350.4	350.3	350.2	350.0	349.9	349.9	350.1
180°	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8
2.5°	26598.8	26595.5	26591.1	26585.5	26580.7	26575.0	26561.8	26557.9	26562.3	26565.3	26571.3
5°	26661.9	26663.8	26664.5	26676.5	26687.0	26713.1	26917.1	26998.1	27060.9	27100.6	27161.1
7.5°	26852.5	26913.9	26974.5	27056.0	27126.4	27221.4	27578.3	27730.2	27838.2	27915.9	28011.5
10°	27175.4	27309.3	27434.7	27581.7	27708.1	27852.9	28185.1	28333.1	28426.6	28494.6	28558.1
12.5°	27500.7	27686.4	27854.1	28017.7	28154.5	28279.9	28396.8	28448.7	28453.0	28455.2	28421.5
15°	27670.1	27847.6	27995.4	28103.6	28184.0	28219.5	28018.4	27912.9	27779.5	27669.6	27488.9
17.5°	27563.2	27669.6	27733.5	27727.2	27694.0	27582.7	27012.9	26699.6	26388.5	26108.1	25740.5
20°	27087.8	27079.7	27024.1	26866.8	26677.3	26382.4	25405.6	24842.1	24297.1	23818.6	23238.0
22.5°	26203.5	26064.4	25870.4	25531.1	25154.3	24639.3	23239.4	22410.4	21651.8	20981.8	20231.1
25°	24922.2	24635.9	24278.1	23739.6	23153.9	22402.7	20677.3	19646.2	18735.4	17945.6	17079.3
27.5°	23282.4	22851.1	22326.7	21581.4	20787.9	19825.5	17912.7	16774.7	15797.0	14950.2	14028.2
30°	21340.9	20780.1	20103.0	19177.9	18220.8	17129.3	15189.2	14036.6	13047.0	12175.8	11253.2
32.5°	19146.9	18490.0	17696.6	16658.3	15623.3	14501.0	12627.4	11511.8	10566.3	9728.2	8893.2
35°	16727.1	16022.6	15183.2	14124.2	13095.4	12004.3	10285.1	9279.2	8444.3	7703.4	7029.2
37.5°	14131.3	13439.7	12641.9	11643.8	10689.7	9701.0	8217.6	7374.7	6674.0	6059.1	5538.5
40°	11432.6	10827.3	10136.9	9274.0	8459.9	7636.4	6418.8	5749.6	5196.8	4727.8	4337.7
42.5°	8766.7	8297.7	7768.3	7086.4	6463.4	5836.4	4899.2	4403.4	3993.9	3656.3	3380.6
45°	6360.5	6046.8	5691.8	5217.6	4786.6	4349.3	3682.2	3333.8	3067.2	2849.4	2665.4
47.5°	4446.4	4264.3	4253.2	3815.1	3499.0	3231.6	2801.9	2581.8	2418.5	2286.6	2170.1
50°	3122.6	3034.5	2925.1	2768.8	2622.1	2470.9	2209.1	2076.1	1980.4	1900.5	1826.8
52.5°	2334.3	2288.6	2230.4	2147.5	2067.9	1982.9	1817.2	1732.6	1702.5	1628.0	1569.7
55°	1864.5	1838.3	1805.1	1756.4	1708.0	1688.7	1546.7	1483.8	1444.0	1414.6	1383.2
57.5°	1548.7	1529.2	1509.6	1476.5	1448.5	1414.6	1339.2	1307.0	1283.3	1266.0	1244.3
60°	1321.1	1309.4	1298.4	1279.0	1263.9	1245.6	1197.7	1179.5	1167.2	1156.7	1142.9
62.5°	1166.0	1159.9	1154.3	1144.0	1136.3	1126.3	1093.7	1084.9	1078.7	1073.5	1065.1
65°	1054.1	1049.8	1046.5	1039.7	1035.8	1030.1	1001.9	996.1	992.3	990.3	985.5
67.5°	952.3	947.9	945.7	940.9	939.3	935.6	912.6	909.4	908.1	908.7	907.0
70°	857.2	855.3	856.3	855.5	857.8	858.4	844.4	844.3	845.8	848.8	849.1
72.5°	800.2	800.2	801.3	801.8	803.9	804.9	793.3	792.7	793.4	795.5	795.6
75°	746.0	746.9	749.8	750.8	753.2	753.7	738.4	736.7	736.8	738.8	738.1
77.5°	670.9	674.1	679.8	682.7	687.4	688.2	671.1	669.1	669.2	671.2	669.4
80°	585.7	591.9	600.9	607.0	614.3	617.2	599.5	595.3	591.4	590.8	587.2
82.5°	495.2	502.8	513.5	519.0	526.8	528.6	499.1	493.4	490.1	490.4	487.1
85°	378.1	383.7	393.5	396.6	401.5	401.1	367.3	352.7	356.6	350.6	355.4
87.5°	237.1	240.4	246.6	247.3	249.6	249.1	215.1	208.5	206.4	206.5	204.1
90°	136.7	140.3	146.8	148.2	153.1	153.9	127.6	125.8	122.2	122.5	117.9
92.5°	58.3	62.3	66.5	70.5	74.8	78.9	79.9	83.0	79.1	74.7	70.8
95°	68.2	74.9	81.5	88.3	94.9	101.6	108.3	114.9	108.7	102.4	96.2
97.5°	76.7	84.6	92.3	100.3	108.2	116.0	123.9	131.8	125.1	118.3	111.6
100°	100.5	115.2	130.0	144.6	159.2	174.0	188.6	203.3	190.4	177.4	164.5
102.5°	208.1	239.2	270.3	301.5	332.6	363.7	395.1	426.3	396.6	366.9	337.2
105°	402.1	452.6	503.1	553.4	603.9	654.4	705.2	755.7	708.3	661.0	613.6
107.5°	636.8	688.0	739.1	790.2	841.5	892.7	944.3	995.6	949.4	903.0	856.8
110°	782.6	819.8	857.2	894.5	931.8	969.2	1007.2	1044.5	1016.9	989.0	961.2



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	815.1	841.8	868.4	895.1	921.6	948.3	975.9	1002.7	988.7	974.6	960.7
115°	771.4	789.4	807.3	825.3	843.3	861.1	880.0	898.3	893.8	889.2	884.7
117.5°	695.5	705.6	715.6	725.6	735.4	745.3	756.7	766.9	767.5	768.3	769.0
120°	614.7	618.9	623.0	627.2	631.1	635.3	641.0	645.6	649.2	652.7	656.5
122.5°	546.1	547.6	549.0	550.5	551.9	553.4	556.8	558.7	561.2	563.6	566.1
125°	491.0	491.7	492.3	493.0	493.5	494.2	497.0	498.0	498.2	498.1	498.2
127.5°	454.3	454.4	454.3	454.4	454.2	454.3	456.5	457.0	455.4	453.6	451.8
130°	427.8	428.1	428.2	428.5	428.7	429.1	431.8	432.7	429.7	426.7	423.8
132.5°	410.8	411.3	411.5	412.0	412.3	412.6	415.7	416.7	413.5	409.9	406.6
135°	396.6	397.2	397.7	398.3	398.7	399.4	402.8	404.0	400.9	397.4	394.2
137.5°	384.8	385.3	385.8	386.5	387.1	387.6	391.4	392.6	390.2	387.4	384.8
140°	374.8	375.4	376.2	377.0	377.7	378.6	382.6	384.1	382.2	380.0	378.0
142.5°	364.7	365.8	366.8	368.1	369.1	370.3	375.1	377.1	375.5	373.8	372.3
145°	358.1	359.6	360.7	362.1	363.3	364.9	370.1	372.4	371.5	370.4	369.4
147.5°	352.3	353.7	354.8	356.0	357.2	358.7	364.2	366.5	365.9	365.2	364.5
150°	346.5	347.8	348.9	350.2	351.6	353.0	359.3	361.8	361.3	360.7	360.1
152.5°	339.8	340.8	342.0	343.1	344.3	345.6	353.0	355.6	355.3	354.6	354.2
155°	335.8	336.6	337.3	338.3	339.1	340.3	348.2	350.7	350.4	350.1	349.8
157.5°	334.7	335.2	335.6	336.3	336.9	337.6	345.7	348.4	348.0	347.7	347.4
160°	334.2	334.6	334.9	335.4	335.8	336.3	344.7	347.1	346.9	346.5	346.2
162.5°	334.3	335.1	335.5	336.1	336.6	337.4	345.8	348.6	348.0	347.6	347.1
165°	336.7	336.9	337.2	337.6	337.9	338.3	346.2	348.4	348.2	347.8	347.5
167.5°	339.3	339.8	340.1	340.6	340.9	341.5	348.8	351.0	350.8	350.4	350.2
170°	342.9	343.3	343.6	344.0	344.4	344.9	350.9	352.7	352.5	351.9	351.6
172.5°	346.2	346.7	347.1	347.5	347.9	348.4	353.7	355.3	355.1	354.7	354.3
175°	347.3	347.5	347.9	348.3	348.7	349.0	353.2	354.4	354.3	354.1	353.9
177.5°	350.4	350.6	350.9	351.2	351.5	351.8	354.4	355.2	355.1	355.1	355.0
180°	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8
2.5°	26572.7	26582.1	26583.4	26594.3	26593.5	26606.4	26604.4	26615.0	26608.7	26617.5	26610.2
5°	27196.9	27253.5	27283.1	27338.2	27355.7	27405.1	27419.2	27464.3	27466.1	27501.9	27493.7
7.5°	28079.3	28162.6	28212.1	28280.5	28315.1	28372.0	28397.0	28439.1	28452.7	28486.1	28488.6
10°	28606.2	28646.6	28675.0	28694.0	28711.4	28719.6	28729.1	28726.5	28729.1	28725.3	28733.5
12.5°	28398.9	28339.8	28300.6	28226.6	28183.6	28101.8	28061.5	27982.8	27954.2	27886.6	27876.9
15°	27349.2	27143.1	26997.4	26785.6	26652.4	26444.0	26322.1	26134.0	26048.1	25898.7	25859.5
17.5°	25436.1	25053.5	24757.2	24377.3	24113.7	23758.6	23535.3	23241.4	23080.5	22843.5	22761.4
20°	22754.1	22187.8	21743.5	21214.3	20835.5	20363.6	20061.6	19680.6	19459.4	19168.3	19050.3
22.5°	19605.2	18900.1	18345.3	17720.1	17263.2	16737.3	16375.4	15963.1	15722.4	15406.2	15266.2
25°	16359.5	15582.1	14965.3	14306.6	13823.8	13296.6	12934.6	12529.7	12280.6	11980.4	11841.2
27.5°	13255.4	12468.5	11872.4	11259.9	10817.1	10341.4	10014.8	9661.2	9440.2	9183.9	9053.1
30°	10516.2	9822.1	9314.8	8806.6	8438.2	8051.8	7780.4	7487.4	7293.5	7074.0	6949.3
32.5°	8284.4	7748.5	7351.4	6948.1	6646.6	6323.7	6089.1	5830.6	5655.5	5459.6	5346.7
35°	6561.1	6144.8	5828.0	5496.0	5236.9	4962.0	4755.3	4532.1	4375.1	4206.4	4108.8
37.5°	5183.9	4852.9	4592.2	4316.4	4103.7	3875.9	3799.2	3543.1	3380.4	3245.7	3152.4
40°	4068.4	3805.1	3589.4	3378.5	3205.0	3032.2	2893.6	2756.8	2651.8	2555.4	2488.8
42.5°	3177.1	2986.3	2828.8	2674.4	2547.7	2421.9	2321.4	2227.2	2156.4	2093.5	2050.5
45°	2525.6	2394.5	2285.0	2176.2	2086.9	2002.9	1935.3	1875.1	1829.4	1791.6	1764.7
47.5°	2074.9	1985.1	1907.8	1834.5	1773.8	1718.7	1673.4	1658.7	1609.6	1576.5	1563.8
50°	1763.3	1709.1	1650.4	1596.3	1555.8	1515.5	1486.2	1457.4	1438.9	1423.7	1419.2
52.5°	1530.9	1489.4	1456.8	1422.5	1395.7	1367.1	1346.8	1327.6	1317.6	1309.6	1308.6
55°	1358.0	1329.1	1307.4	1284.4	1268.4	1251.6	1241.1	1231.0	1226.5	1222.5	1222.8
57.5°	1227.2	1207.9	1193.7	1178.8	1170.2	1162.2	1159.5	1156.9	1158.3	1158.9	1161.2
60°	1131.9	1119.3	1110.5	1101.9	1098.3	1095.7	1097.7	1099.9	1104.6	1108.3	1111.6
62.5°	1058.8	1051.7	1047.3	1042.8	1042.4	1042.6	1046.5	1050.3	1056.1	1060.5	1063.7
65°	983.7	979.5	978.2	975.2	976.7	977.6	982.4	985.3	991.0	994.5	998.6
67.5°	907.7	906.8	907.6	907.6	910.3	912.5	917.1	920.4	925.4	928.5	931.8
70°	851.6	852.0	854.1	854.4	857.3	858.9	862.8	865.0	869.4	872.1	876.1
72.5°	797.1	796.2	796.7	795.4	796.4	796.0	798.1	799.2	803.0	805.1	809.9
75°	739.0	736.6	736.0	733.3	733.4	731.5	732.4	732.3	734.8	735.8	739.3
77.5°	668.9	664.7	662.7	658.3	658.2	656.6	658.3	659.4	663.7	665.7	669.8
80°	584.9	578.5	575.4	570.4	571.3	571.0	575.2	578.6	583.8	584.8	590.0
82.5°	486.1	479.6	476.4	471.4	472.6	472.7	476.7	477.3	481.9	483.9	489.8
85°	348.1	350.6	343.7	344.2	342.7	345.4	348.1	351.4	355.3	361.6	366.6
87.5°	205.0	204.1	206.5	206.8	210.4	212.3	217.9	221.2	227.6	232.6	241.7
90°	116.9	112.5	113.3	111.0	113.3	111.1	113.3	110.8	113.7	113.2	117.1
92.5°	66.2	62.2	57.6	53.6	49.1	45.3	43.0	41.3	39.0	37.4	35.1
95°	90.0	83.7	77.6	71.3	65.2	58.9	56.6	54.4	52.1	49.8	47.5
97.5°	104.9	98.2	91.5	84.8	78.1	71.4	69.9	68.4	66.9	65.4	63.9
100°	151.5	138.6	125.7	112.7	99.9	87.0	85.8	84.6	83.3	82.1	80.9
102.5°	307.6	278.1	248.5	218.9	189.3	159.7	154.6	149.4	144.3	139.1	134.0
105°	566.1	518.7	471.4	424.0	376.8	329.3	315.2	301.0	286.9	272.7	258.7
107.5°	810.5	764.3	718.1	672.0	625.8	579.7	557.3	535.0	512.6	490.3	468.0
110°	933.2	905.5	877.8	849.9	822.2	794.6	773.2	751.9	730.5	709.2	687.9



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	946.6	932.7	918.8	904.9	891.0	877.1	866.7	856.3	845.9	835.6	825.0
115°	880.2	875.6	871.2	866.7	862.4	857.9	857.0	856.4	855.5	854.8	854.1
117.5°	769.6	770.4	771.0	771.8	772.6	773.4	778.8	784.2	789.7	795.4	801.1
120°	660.0	663.7	667.3	671.0	674.6	678.5	685.7	693.1	700.4	708.0	715.6
122.5°	568.5	571.0	573.3	576.0	578.5	581.1	588.2	595.5	602.8	610.1	617.8
125°	497.9	497.9	497.9	497.8	497.7	497.9	503.8	509.7	515.8	522.0	528.0
127.5°	450.0	448.2	446.4	444.7	442.7	441.1	444.6	448.0	451.4	455.0	458.6
130°	420.7	417.6	414.5	411.6	408.3	405.4	406.7	407.9	409.3	410.6	412.0
132.5°	403.0	399.6	395.9	392.5	388.9	385.4	385.1	385.0	384.7	384.7	384.7
135°	390.9	387.6	384.0	380.7	377.3	374.0	373.0	371.9	371.1	370.2	369.4
137.5°	382.1	379.4	376.8	374.1	371.2	368.6	367.2	366.0	364.6	363.5	362.3
140°	375.7	373.6	371.2	369.1	366.9	364.9	363.5	362.5	361.4	360.5	359.5
142.5°	370.5	369.0	367.3	365.7	363.9	362.3	361.2	360.2	359.1	358.2	357.2
145°	368.2	367.2	366.0	364.9	363.7	362.7	361.6	360.9	360.0	359.4	358.7
147.5°	363.8	363.0	362.3	361.5	360.7	359.9	359.3	358.9	358.1	357.7	357.1
150°	359.3	358.7	357.9	357.5	356.6	356.0	355.5	355.2	354.7	354.6	354.2
152.5°	353.4	352.8	352.1	351.6	350.8	350.3	349.9	349.7	349.3	349.1	348.6
155°	349.3	348.9	348.4	348.0	347.4	347.1	346.6	346.1	345.8	345.4	344.9
157.5°	347.0	346.7	346.2	345.9	345.3	344.9	344.5	344.1	343.6	343.3	342.9
160°	345.8	345.5	345.0	344.7	344.3	343.9	343.2	342.8	342.1	341.6	340.9
162.5°	346.6	346.0	345.6	345.0	344.5	344.0	343.5	343.1	342.7	342.3	341.7
165°	347.1	346.7	346.3	345.9	345.7	345.3	344.7	344.2	343.6	343.1	342.5
167.5°	349.8	349.5	349.1	348.8	348.3	348.0	347.5	347.0	346.4	345.9	345.2
170°	351.2	350.7	350.3	349.8	349.3	348.9	348.4	347.9	347.3	347.0	346.3
172.5°	353.9	353.7	353.3	352.9	352.3	352.0	351.6	351.2	350.7	350.3	349.9
175°	353.8	353.7	353.6	353.3	353.2	352.9	352.7	352.6	352.4	352.3	352.0
177.5°	355.0	354.9	354.9	354.7	354.6	354.6	354.4	354.2	354.0	353.7	353.6
180°	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8
2.5°	26617.8	26611.1	26614.3	26601.8	26604.8	26589.8	26588.4	26571.3	26569.7	26553.7	26547.7
5°	27519.1	27504.2	27521.0	27494.9	27500.0	27466.1	27463.3	27419.5	27404.3	27349.4	27325.7
7.5°	28509.5	28503.9	28514.1	28492.3	28491.6	28461.4	28449.0	28409.6	28385.2	28327.7	28290.8
10°	28726.5	28731.7	28723.3	28725.3	28713.5	28710.3	28698.2	28690.5	28670.8	28655.9	28633.9
12.5°	27825.5	27830.8	27796.5	27818.3	27801.1	27841.3	27838.1	27885.4	27892.7	27952.6	27975.3
15°	25743.0	25736.6	25670.6	25712.1	25689.8	25778.1	25797.8	25916.6	25980.0	26132.5	26226.1
17.5°	22597.2	22580.2	22487.3	22537.9	22512.2	22642.3	22686.0	22875.7	22994.2	23239.8	23414.8
20°	18847.2	18814.6	18706.0	18765.2	18738.6	18886.5	18948.8	19178.3	19330.9	19656.2	19887.7
22.5°	15050.5	14999.2	14892.7	14948.0	14923.0	15076.1	15157.2	15387.5	15562.4	15896.3	16166.4
25°	11641.2	11595.4	11492.6	11531.3	11522.0	11651.5	11723.6	11941.4	12113.2	12431.4	12689.2
27.5°	8879.1	8831.4	8738.4	8765.9	8756.4	8866.8	8934.8	9116.7	9264.5	9532.3	9758.7
30°	6795.6	6738.1	6659.3	6674.4	6668.0	6757.4	6820.8	6974.1	7100.8	7327.2	7522.2
32.5°	5208.9	5151.0	5078.6	5085.7	5076.2	5146.3	5198.7	5331.9	5442.3	5634.8	5804.6
35°	3985.4	4053.0	3898.3	3996.2	3894.2	4044.1	3990.2	4073.4	4168.5	4330.6	4472.2
37.5°	3063.9	3016.8	2977.1	2972.8	2972.6	3007.3	3048.3	3128.4	3212.2	3332.9	3457.7
40°	2428.0	2395.0	2369.2	2367.3	2369.2	2393.9	2424.1	2479.6	2540.9	2627.6	2719.4
42.5°	2013.8	1991.9	1976.3	1975.2	1980.2	1997.6	2018.7	2051.6	2091.5	2147.8	2210.6
45°	1742.9	1730.7	1722.1	1721.7	1723.9	1733.0	1745.1	1765.6	1790.9	1826.0	1865.7
47.5°	1552.9	1549.9	1544.5	1544.7	1542.3	1546.0	1547.4	1558.9	1572.3	1598.8	1650.7
50°	1414.5	1414.5	1410.8	1410.6	1407.1	1406.8	1403.9	1408.5	1414.7	1431.2	1447.7
52.5°	1305.1	1304.7	1300.7	1299.9	1296.2	1296.0	1293.4	1295.3	1296.1	1304.3	1314.3
55°	1219.7	1217.1	1211.8	1210.1	1208.7	1210.8	1209.8	1209.9	1208.8	1212.3	1215.2
57.5°	1158.3	1155.0	1150.0	1148.4	1148.1	1150.7	1150.8	1149.9	1145.2	1142.1	1137.6
60°	1109.8	1106.5	1101.0	1099.6	1100.4	1103.9	1103.7	1100.8	1094.0	1088.0	1080.9
62.5°	1062.1	1060.8	1057.9	1057.6	1056.9	1057.5	1055.0	1051.9	1045.1	1038.8	1031.2
65°	998.1	998.8	996.8	997.1	994.6	994.2	990.4	987.4	980.5	974.8	967.0
67.5°	931.7	932.2	930.5	930.5	929.3	929.5	927.2	924.3	918.5	913.9	907.8
70°	876.9	878.3	877.3	877.6	876.1	875.5	872.0	869.3	863.2	859.3	853.9
72.5°	811.4	814.4	814.3	815.0	812.6	811.4	807.2	803.8	798.3	795.2	790.9
75°	740.7	744.5	745.6	747.3	743.9	742.1	737.5	734.8	730.3	728.5	725.7
77.5°	671.6	675.8	679.9	683.6	678.1	673.3	667.6	663.1	656.9	654.3	650.0
80°	594.0	601.6	610.4	617.9	608.2	598.3	588.9	581.8	573.4	570.0	564.4
82.5°	492.8	500.5	505.6	510.5	503.6	496.4	487.2	481.0	472.0	468.7	462.2
85°	374.4	383.9	387.0	389.6	385.2	381.4	372.7	361.0	355.4	346.4	341.7
87.5°	246.3	251.9	253.1	254.0	251.2	249.4	243.8	238.3	228.5	221.5	212.9
90°	115.6	118.2	114.7	114.8	112.6	114.2	109.8	109.2	102.3	100.6	94.6
92.5°	33.3	31.1	29.2	27.1	29.6	31.2	33.5	35.1	37.3	39.0	41.3
95°	45.3	43.0	40.8	38.4	40.3	42.1	43.9	45.7	47.5	49.3	51.2
97.5°	62.4	60.8	59.3	57.8	58.9	59.9	61.0	62.1	63.2	64.2	65.4
100°	79.7	78.5	77.3	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
102.5°	128.8	123.7	118.6	113.4	116.9	120.4	123.9	127.3	130.9	134.3	137.8
105°	244.6	230.5	216.4	202.3	215.9	229.5	243.3	256.9	270.5	284.3	298.1
107.5°	445.6	423.4	401.1	378.8	403.7	428.5	453.4	478.3	503.1	527.9	553.0
110°	666.7	645.6	624.3	603.1	629.4	655.8	682.2	708.5	735.1	761.4	787.9



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	814.7	804.4	794.1	783.8	800.7	817.7	834.7	851.9	868.8	885.9	903.0
115°	853.4	852.8	852.2	851.6	859.7	867.6	875.7	883.8	892.0	899.9	908.2
117.5°	806.7	812.3	818.1	823.8	826.5	829.0	831.7	834.2	837.1	839.7	842.5
120°	723.2	730.6	738.3	746.1	744.9	743.9	742.9	741.9	741.1	740.2	739.5
122.5°	625.3	632.8	640.5	648.2	646.0	643.6	641.5	639.3	637.4	635.2	633.2
125°	534.4	540.6	547.0	553.4	551.1	548.9	546.7	544.8	542.6	540.6	538.8
127.5°	462.4	466.4	470.1	474.1	473.0	472.0	471.2	470.3	469.5	468.9	468.3
130°	413.5	415.2	417.0	418.8	419.1	419.4	419.9	420.5	421.2	421.8	422.7
132.5°	385.0	385.1	385.5	385.9	387.2	388.4	389.8	391.2	392.9	394.4	396.4
135°	368.8	368.3	367.8	367.5	369.3	371.0	373.0	375.0	377.4	379.7	382.1
137.5°	361.5	360.6	359.9	359.1	360.9	362.7	364.8	366.8	369.0	371.3	373.7
140°	358.7	357.9	357.4	356.7	358.5	360.2	362.2	364.2	366.5	368.8	371.2
142.5°	356.5	355.7	355.2	354.7	356.1	357.8	359.7	361.5	363.5	365.5	367.7
145°	358.1	357.4	357.1	356.6	357.7	358.9	360.2	361.6	363.1	364.6	366.4
147.5°	356.7	356.3	356.1	355.8	356.7	357.5	358.5	359.4	360.7	361.8	363.1
150°	354.2	353.8	353.7	353.6	354.1	354.6	355.3	355.8	356.6	357.3	358.3
152.5°	348.6	348.2	348.3	348.1	348.5	349.1	349.7	350.2	350.9	351.5	352.3
155°	344.7	344.4	344.1	343.8	343.9	344.0	344.3	344.4	344.8	345.0	345.4
157.5°	342.7	342.3	342.1	341.6	341.6	341.4	341.5	341.4	341.6	341.4	341.6
160°	340.6	340.0	339.6	339.1	339.2	339.1	339.3	339.2	339.4	339.5	339.7
162.5°	341.4	341.0	340.8	340.4	340.2	339.8	339.6	339.2	339.0	338.8	338.7
165°	341.8	341.3	340.8	340.3	340.2	340.1	339.9	339.8	339.7	339.6	339.6
167.5°	344.9	344.2	343.8	343.2	342.9	342.4	342.2	341.6	341.3	340.9	340.8
170°	346.0	345.4	345.1	344.6	344.4	344.1	344.0	343.8	343.7	343.6	343.6
172.5°	349.6	349.1	348.8	348.4	348.2	348.0	347.9	347.8	347.7	347.7	347.6
175°	351.9	351.7	351.6	351.5	351.3	351.1	350.9	350.7	350.6	350.3	350.2
177.5°	353.2	352.9	352.7	352.6	352.5	352.5	352.5	352.5	352.5	352.4	352.3
180°	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8
2.5°	26530.4	26523.5	26505.1	26496.0	26479.1	26470.5	26457.3	26448.7	26438.0	26430.0	26425.9
5°	27265.5	27231.6	27163.6	27121.7	27048.4	27000.0	26927.1	26873.6	26798.3	26742.8	26671.7
7.5°	28221.9	28169.9	28082.8	28016.7	27914.0	27835.5	27720.3	27628.0	27500.7	27395.0	27264.9
10°	28611.3	28580.9	28541.8	28499.3	28442.4	28386.6	28307.9	28227.7	28120.8	28014.5	27875.5
12.5°	28035.8	28064.4	28120.8	28147.2	28190.2	28204.9	28224.7	28215.4	28197.9	28154.5	28091.5
15°	26405.9	26525.4	26714.1	26844.5	27027.4	27155.8	27325.7	27435.1	27561.1	27636.4	27707.9
17.5°	23724.9	23955.9	24288.8	24554.4	24911.1	25201.0	25556.3	25835.3	26157.5	26404.8	26668.0
20°	20291.0	20614.4	21074.0	21464.4	21981.1	22419.2	22980.6	23450.8	23999.3	24456.5	24950.0
22.5°	16595.1	16975.5	17502.1	17972.9	18590.0	19141.1	19844.4	20466.2	21207.8	21872.0	22606.9
25°	13108.4	13481.2	14017.7	14505.3	15171.3	15778.4	16546.8	17260.1	18120.6	18923.1	19844.4
27.5°	10118.5	10449.6	10921.2	11360.0	11970.1	12566.1	13345.8	14106.5	15024.7	15887.1	16880.0
30°	7814.3	8083.0	8460.9	8813.8	9303.6	9791.0	10485.6	11189.0	12102.8	12996.4	14014.3
32.5°	6055.8	6285.0	6600.4	6886.9	7264.3	7631.8	8143.3	8705.5	9506.9	10362.9	11347.1
35°	4687.9	4883.9	5152.4	5399.2	5709.5	6001.3	6383.0	6784.2	7395.9	8115.9	8996.6
37.5°	3737.4	3817.3	4009.0	4211.2	4469.0	4708.7	5007.3	5304.0	5741.6	6309.7	7029.2
40°	2842.3	2969.2	3125.1	3284.4	3479.5	3671.9	3999.5	4157.2	4445.3	4853.1	5411.6
42.5°	2293.4	2382.6	2492.3	2603.1	2739.1	2873.0	3038.7	3207.5	3422.8	3699.1	4096.3
45°	1919.1	1977.3	2048.1	2121.8	2211.2	2302.5	2413.5	2529.4	2675.4	2845.2	3086.4
47.5°	1669.1	1701.3	1747.5	1797.8	1859.1	1922.3	1994.5	2068.3	2159.1	2259.8	2397.1
50°	1473.9	1500.8	1536.7	1570.4	1612.6	1677.5	1706.1	1746.9	1801.4	1860.7	1937.5
52.5°	1332.8	1350.6	1373.1	1392.5	1419.3	1443.5	1475.4	1503.4	1541.1	1576.8	1626.4
55°	1222.8	1229.3	1242.1	1254.5	1273.0	1289.6	1311.4	1329.8	1353.9	1375.2	1406.4
57.5°	1137.8	1138.5	1144.4	1150.9	1162.8	1173.2	1188.2	1200.3	1217.0	1230.6	1249.3
60°	1076.8	1073.6	1074.8	1077.0	1083.8	1090.5	1100.1	1108.0	1118.5	1126.1	1136.7
62.5°	1026.1	1020.9	1019.8	1019.2	1022.5	1024.9	1030.2	1034.0	1040.0	1043.3	1049.0
65°	961.9	955.9	953.5	950.8	951.8	951.0	952.9	953.0	956.0	956.7	960.0
67.5°	903.7	898.7	895.7	892.0	890.2	887.6	886.4	883.9	883.5	881.3	880.8
70°	850.6	845.7	843.1	839.7	838.0	834.4	832.2	827.9	825.4	821.3	819.1
72.5°	789.2	786.4	785.7	783.3	782.7	780.8	779.9	776.8	775.0	771.6	769.7
75°	725.1	722.7	722.5	720.2	720.0	717.7	717.1	713.9	712.2	708.7	707.2
77.5°	648.6	645.3	644.2	641.5	642.2	641.0	642.0	639.5	638.5	635.1	634.0
80°	562.5	558.2	556.4	552.7	553.7	552.1	553.7	553.5	554.8	552.1	551.6
82.5°	460.5	455.8	454.9	452.3	454.0	454.3	457.9	455.9	456.7	454.2	455.2
85°	335.1	331.6	326.6	326.0	322.8	326.1	321.9	324.7	320.1	323.3	318.9
87.5°	207.8	200.5	196.7	191.4	189.5	184.4	182.4	178.8	179.8	178.2	179.1
90°	94.3	89.1	89.6	86.3	87.7	85.1	87.5	86.2	89.0	87.6	90.7
92.5°	43.0	44.9	48.4	52.4	55.8	59.4	63.1	67.0	70.4	74.3	77.7
95°	53.0	54.8	59.6	64.5	69.3	74.2	79.2	84.0	88.9	93.7	98.6
97.5°	66.4	67.5	72.3	77.2	82.0	86.9	91.7	96.8	101.6	106.4	111.3
100°	76.1	76.2	90.0	103.7	117.5	131.5	145.2	159.0	173.0	186.8	200.6
102.5°	141.3	144.8	179.6	214.6	249.4	284.2	319.2	354.2	389.0	424.1	459.0
105°	311.7	325.4	378.6	431.9	485.0	538.3	591.7	645.1	698.3	751.6	804.9
107.5°	577.9	602.8	650.9	699.0	747.1	795.3	843.6	891.8	939.9	988.1	1036.4
110°	814.4	840.8	873.0	905.4	937.7	969.9	1002.2	1034.5	1066.9	1099.3	1131.7



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	920.0	937.2	955.9	974.9	993.7	1012.6	1031.4	1050.4	1069.3	1088.4	1107.4
115°	916.4	924.5	931.8	939.3	946.6	954.1	961.6	969.1	976.8	984.3	991.9
117.5°	845.1	848.2	849.3	850.6	851.8	853.3	854.6	856.0	857.5	859.1	860.4
120°	738.7	737.9	736.8	735.7	734.6	733.6	732.7	731.8	731.0	730.2	729.2
122.5°	631.2	629.5	628.4	627.5	626.6	625.8	624.8	624.2	623.4	622.7	621.8
125°	537.0	535.2	536.4	537.7	539.0	540.4	541.7	543.2	544.7	546.2	547.7
127.5°	467.7	467.3	470.3	473.2	476.3	479.5	482.7	485.8	489.0	492.3	495.4
130°	423.6	424.6	428.3	432.3	436.1	440.1	444.2	448.2	452.0	456.1	460.0
132.5°	398.2	400.3	403.8	407.6	411.5	415.3	419.1	423.0	426.9	430.8	434.5
135°	384.6	387.2	390.6	394.1	397.6	401.2	404.7	408.3	411.8	415.3	418.7
137.5°	376.2	378.8	381.7	384.4	387.3	390.3	393.2	396.1	398.9	401.8	404.6
140°	373.6	376.2	377.8	379.7	381.4	383.2	384.7	386.6	388.3	390.2	391.8
142.5°	369.9	372.3	373.3	374.5	375.7	377.1	378.3	379.5	380.6	381.6	382.7
145°	368.0	369.8	370.0	370.4	370.7	371.1	371.3	371.6	371.7	372.0	372.2
147.5°	364.5	365.9	365.7	365.9	365.9	365.9	365.8	365.9	365.7	365.8	365.7
150°	359.1	360.1	359.7	359.5	359.1	358.9	358.5	358.3	357.9	357.7	357.3
152.5°	353.0	353.9	353.3	353.0	352.5	352.1	351.6	351.3	350.8	350.4	350.1
155°	345.6	346.0	345.7	345.5	345.2	345.0	344.7	344.7	344.5	344.3	344.2
157.5°	341.6	341.7	341.5	341.4	341.1	341.1	340.9	340.9	340.8	341.0	341.0
160°	339.7	339.9	339.7	339.5	339.4	339.2	339.1	339.1	339.1	339.3	339.4
162.5°	338.4	338.3	338.1	337.9	337.8	337.7	337.7	337.8	337.8	337.9	338.1
165°	339.7	339.8	339.3	339.2	338.9	338.7	338.5	338.4	338.4	338.4	338.4
167.5°	340.5	340.4	340.4	340.5	340.5	340.6	340.7	341.1	341.2	341.6	341.6
170°	343.5	343.6	343.4	343.3	343.2	343.1	343.1	343.0	343.0	343.0	343.0
172.5°	347.6	347.6	347.3	347.0	346.7	346.5	346.2	346.0	345.7	345.5	345.2
175°	349.9	349.8	349.6	349.5	349.3	349.1	348.9	348.6	348.4	348.3	348.1
177.5°	352.2	352.0	351.9	351.9	351.8	351.7	351.7	351.6	351.6	351.6	351.4
180°	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8
2.5°	26420.6	26420.3	26417.7	26418.9	26419.5	26421.3	26423.6	26425.9	26426.4	26428.2	26428.6
5°	26618.3	26552.9	26504.6	26451.4	26411.5	26375.5	26351.5	26332.5	26325.1	26326.9	26331.4
7.5°	27154.5	27019.6	26908.2	26781.7	26676.1	26564.3	26471.7	26383.6	26319.5	26271.6	26244.9
10°	27742.9	27578.5	27421.3	27238.2	27064.4	26879.0	26711.0	26541.8	26400.9	26278.4	26188.5
12.5°	28004.0	27887.8	27751.8	27579.0	27393.1	27179.1	26963.1	26731.4	26516.0	26316.0	26154.8
15°	27727.5	27727.7	27678.2	27595.2	27466.1	27295.1	27089.2	26847.8	26593.6	26334.3	26097.4
17.5°	26850.0	27015.6	27107.6	27165.9	27148.0	27085.0	26954.0	26768.6	26531.7	26255.4	25966.3
20°	25343.0	25733.5	26011.9	26262.3	26402.6	26495.8	26486.6	26411.1	26242.4	26007.5	25706.4
22.5°	23231.9	23887.4	24404.6	24886.9	25225.1	25500.3	25631.1	25686.6	25610.1	25446.6	25163.9
25°	20667.9	21559.0	22319.6	23057.7	23611.3	24087.2	24373.1	24574.6	24590.6	24505.1	24252.8
27.5°	17818.6	18870.6	19833.2	20814.2	21592.8	22276.8	22725.6	23054.1	23158.5	23144.7	22915.7
30°	14973.2	16077.5	17138.6	18282.4	19245.9	20119.8	20712.7	21156.9	21328.1	21360.9	21140.6
32.5°	12285.8	13374.9	14432.9	15628.8	16689.1	17690.6	18391.0	18918.9	19117.9	19164.7	18923.1
35°	9846.9	10851.7	11857.2	13016.2	14070.3	15107.5	15845.5	16398.1	16584.0	16615.3	16335.6
37.5°	7732.0	8588.0	9464.2	10504.1	11472.1	12446.2	13147.5	13666.7	13802.1	13793.7	13477.1
40°	5951.2	6616.7	7320.7	8176.8	8981.6	9805.1	10397.2	10826.5	10897.6	10844.9	10512.4
42.5°	4474.9	4955.6	5466.1	6105.1	6702.3	7318.5	7749.3	8068.1	8078.2	7994.8	7696.2
45°	3333.8	3802.8	4016.8	4403.2	4787.8	5197.7	5460.7	5657.6	5627.1	5553.7	5326.9
47.5°	2541.5	2721.7	2912.9	3152.4	3376.5	3841.5	3807.1	4123.2	3895.4	4050.7	3709.0
50°	2018.2	2118.9	2221.9	2349.1	2466.1	2587.7	2663.7	2720.4	2713.0	2688.6	2623.1
52.5°	1717.0	1748.1	1798.8	1871.2	1936.6	2002.3	2045.5	2080.7	2081.4	2071.6	2038.4
55°	1435.0	1474.6	1511.0	1558.3	1638.7	1651.1	1713.2	1700.6	1705.5	1688.3	1705.9
57.5°	1265.3	1288.2	1308.8	1336.9	1360.1	1387.3	1403.3	1418.8	1417.2	1413.9	1397.1
60°	1144.9	1157.6	1169.0	1185.5	1198.2	1213.5	1220.9	1228.8	1226.2	1220.5	1205.5
62.5°	1052.2	1060.2	1066.6	1077.2	1085.0	1094.6	1098.4	1101.7	1098.4	1092.9	1079.7
65°	960.7	965.8	970.0	977.9	983.4	991.5	994.8	997.9	994.9	990.6	980.5
67.5°	878.1	878.6	878.2	881.5	883.2	888.1	889.5	891.9	888.2	884.6	876.1
70°	815.6	814.3	812.7	814.0	814.3	816.6	817.0	816.6	812.4	806.1	796.8
72.5°	766.6	765.9	764.7	765.8	765.8	767.9	767.3	766.2	761.0	754.9	745.7
75°	703.7	703.3	700.9	701.0	699.0	699.6	697.1	695.7	689.9	684.7	676.5
77.5°	630.1	628.9	625.5	624.2	620.4	618.9	614.1	611.8	605.8	601.7	594.6
80°	548.0	546.7	542.2	539.8	533.9	530.1	523.1	519.0	512.3	508.2	501.4
82.5°	452.9	453.4	449.0	446.0	437.5	431.0	421.6	416.5	409.0	405.1	397.9
85°	322.2	317.5	320.0	319.8	314.5	308.9	301.2	295.8	289.5	285.7	280.8
87.5°	176.7	177.8	176.5	175.4	171.6	168.8	162.9	159.7	155.1	152.8	149.0
90°	84.2	82.1	75.8	73.9	67.6	64.1	57.2	54.4	47.9	46.5	42.4
92.5°	73.6	69.5	65.6	61.3	57.4	53.4	49.2	45.2	41.1	39.5	38.3
95°	92.6	86.9	80.9	75.0	69.1	63.2	57.3	51.5	45.5	44.3	43.1
97.5°	104.4	97.5	90.5	83.6	76.7	69.7	62.9	55.9	48.9	48.1	47.4
100°	184.6	168.6	152.5	136.4	120.5	104.4	88.4	72.3	56.4	55.5	54.6
102.5°	420.0	381.2	342.4	303.5	264.9	225.9	187.1	148.1	109.3	103.6	98.1
105°	746.1	687.2	628.5	569.7	510.9	452.0	393.2	334.3	275.5	256.6	237.7
107.5°	981.2	925.9	870.7	815.4	760.1	704.9	649.4	594.1	538.7	505.5	472.2
110°	1087.8	1043.9	1000.2	956.3	912.5	868.6	824.8	780.9	737.0	708.3	679.8



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	1075.4	1043.2	1011.3	979.0	947.0	914.8	882.7	850.4	818.2	800.9	783.6
115°	972.7	953.4	934.1	914.9	895.6	876.3	856.9	837.5	818.1	809.0	799.9
117.5°	850.8	841.0	831.3	821.4	811.5	801.7	791.9	782.0	772.1	769.0	765.8
120°	726.6	723.8	720.7	717.9	715.0	712.1	709.0	706.1	703.0	703.5	704.0
122.5°	623.2	624.5	625.9	627.0	628.4	629.5	630.8	631.8	633.0	635.7	638.2
125°	550.7	553.6	556.8	559.7	562.7	565.5	568.7	571.4	574.5	576.9	579.8
127.5°	499.0	502.2	505.7	508.9	512.5	515.6	519.0	522.2	525.6	527.9	530.4
130°	463.0	465.9	469.0	471.8	474.7	477.7	480.6	483.5	486.4	488.4	490.3
132.5°	437.2	439.9	442.6	445.1	447.9	450.4	453.1	455.8	458.5	459.9	461.5
135°	421.0	422.9	424.9	426.8	429.0	430.9	433.1	435.1	437.3	438.3	439.5
137.5°	406.3	407.8	409.7	411.3	413.1	414.7	416.5	418.2	420.2	420.8	421.6
140°	393.5	395.2	397.0	398.8	400.7	402.3	404.4	406.2	408.3	408.8	409.7
142.5°	384.1	385.4	386.9	388.3	389.7	391.1	392.7	394.4	396.0	396.6	397.3
145°	373.9	375.4	377.2	378.7	380.3	382.0	384.0	385.8	387.9	388.2	388.8
147.5°	367.0	368.3	369.8	371.1	372.6	374.0	375.9	377.5	379.3	379.7	380.1
150°	358.9	360.2	361.7	363.0	364.8	366.4	368.2	369.9	372.0	372.5	373.2
152.5°	351.6	353.2	354.8	356.5	358.1	359.9	361.8	363.7	365.8	366.3	367.0
155°	345.8	347.2	348.9	350.6	352.3	354.0	355.9	357.7	359.6	360.4	361.0
157.5°	342.6	343.8	345.4	346.9	348.4	349.9	351.7	353.3	355.1	355.7	356.3
160°	340.7	342.0	343.4	344.8	346.1	347.5	349.0	350.4	351.9	352.5	353.2
162.5°	339.4	340.7	342.2	343.3	344.8	346.2	347.7	349.0	350.5	351.0	351.5
165°	339.4	340.4	341.4	342.4	343.5	344.4	345.6	346.6	347.8	348.3	348.9
167.5°	342.6	343.3	344.0	344.8	345.7	346.5	347.4	348.2	349.1	349.6	350.1
170°	343.7	344.4	345.0	345.8	346.5	347.3	348.0	348.7	349.6	350.1	350.6
172.5°	345.7	346.0	346.6	347.0	347.5	347.9	348.5	349.0	349.5	350.1	350.6
175°	348.5	348.6	348.9	349.0	349.3	349.5	349.9	350.1	350.4	350.8	351.2
177.5°	351.5	351.7	351.8	352.0	352.3	352.5	352.7	352.9	353.2	353.7	354.2
180°	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8
2.5°	26427.7	26427.5	26426.6	26425.4	26424.2	26424.9	26426.1	26429.1	26434.5	26442.2	26452.1
5°	26335.0	26340.4	26343.5	26343.9	26341.1	26339.4	26342.0	26349.2	26363.9	26388.5	26421.7
7.5°	26237.7	26244.4	26254.6	26262.3	26263.8	26261.8	26262.3	26273.7	26300.7	26348.5	26415.7
10°	26133.8	26114.1	26124.5	26143.6	26158.7	26161.5	26163.4	26176.8	26216.3	26288.6	26396.4
12.5°	26038.0	25975.4	25963.4	25980.5	26003.5	26010.9	26008.9	26014.6	26061.0	26156.6	26307.0
15°	25911.7	25794.1	25753.9	25758.4	25786.7	25797.0	25789.5	25778.1	25823.2	25940.1	26134.5
17.5°	25707.5	25517.9	25444.0	25440.7	25473.9	25482.8	25464.5	25429.1	25473.5	25619.4	25860.9
20°	25397.1	25117.1	24978.0	24955.9	24991.9	24981.4	24945.0	24891.5	24949.8	25127.1	25414.3
22.5°	24839.1	24484.3	24246.6	24169.9	24213.1	24184.2	24131.0	24062.8	24140.3	24341.8	24661.6
25°	23927.1	23517.2	23191.8	23009.1	23043.5	22992.0	22934.1	22851.3	22943.8	23175.0	23527.1
27.5°	22586.7	22113.2	21709.8	21407.7	21418.7	21351.1	21284.5	21177.4	21292.8	21566.5	21963.5
30°	20804.3	20256.4	19765.2	19354.4	19317.7	19252.1	19183.8	19043.4	19187.7	19515.4	19979.3
32.5°	18565.8	17957.5	17390.0	16870.7	16772.7	16708.7	16647.9	16486.2	16675.2	17057.2	17590.3
35°	15948.1	15300.1	14684.8	14091.6	13929.3	13865.4	13812.2	13657.2	13893.2	14308.9	14884.6
37.5°	13074.7	12412.8	11802.0	11193.6	10964.3	10877.5	10838.9	10737.4	11009.7	11420.9	11998.8
40°	10124.9	9509.4	8961.8	8424.5	8163.1	8030.3	8010.0	7991.6	8254.8	8611.6	9136.2
42.5°	7365.5	6869.0	6446.7	6036.0	5799.0	5617.7	5617.6	5672.7	5909.7	6176.9	6581.5
45°	5094.9	4761.7	4492.7	4218.2	4291.6	3930.2	4142.6	4033.5	4150.6	4323.0	4586.0
47.5°	3502.2	3320.4	3172.6	3019.2	2907.5	2800.8	2810.2	2879.0	2989.3	3091.5	3228.4
50°	2552.6	2459.9	2384.7	2305.1	2249.5	2202.3	2205.1	2234.8	2292.9	2346.7	2418.4
52.5°	2000.1	1949.0	1908.1	1864.1	1834.9	1811.6	1812.8	1827.2	1858.6	1889.4	1930.4
55°	1648.6	1642.5	1589.3	1549.7	1534.7	1518.9	1521.8	1527.5	1548.8	1566.9	1594.0
57.5°	1381.5	1357.6	1341.7	1320.9	1311.3	1300.3	1302.8	1304.9	1319.2	1331.3	1350.8
60°	1192.9	1176.0	1164.7	1150.6	1144.3	1137.2	1138.9	1140.2	1149.3	1157.1	1171.1
62.5°	1067.6	1052.5	1042.7	1031.7	1027.4	1022.6	1023.7	1024.0	1029.8	1035.5	1046.2
65°	971.5	959.6	951.4	941.9	937.3	932.4	932.9	932.9	937.7	941.9	949.9
67.5°	869.9	860.9	855.5	848.1	844.9	839.9	839.8	838.3	841.4	843.0	848.5
70°	788.3	779.1	772.4	765.2	761.3	756.9	757.0	757.1	760.7	764.5	771.5
72.5°	737.9	729.2	723.2	716.9	713.2	709.4	708.7	708.3	710.9	713.1	717.7
75°	671.2	664.2	660.7	654.7	651.8	647.6	646.9	645.0	646.3	646.7	650.1
77.5°	590.3	583.6	580.8	574.8	572.3	567.6	567.2	564.9	565.9	565.2	567.9
80°	497.9	492.0	490.4	485.4	484.3	479.9	479.2	476.6	477.3	475.2	476.2
82.5°	394.9	389.5	388.3	383.7	383.7	379.7	379.5	375.4	375.4	372.0	366.6
85°	278.2	274.1	272.5	268.8	267.7	264.5	262.7	258.9	257.6	255.1	254.4
87.5°	146.8	144.3	142.0	140.3	137.0	131.2	130.7	126.6	126.9	124.1	124.3
90°	41.4	37.6	36.7	33.3	32.2	29.6	28.7	29.0	29.9	30.3	31.4
92.5°	36.9	35.6	34.2	32.9	31.5	30.2	28.8	30.2	31.5	32.9	34.2
95°	41.9	40.7	39.5	38.2	37.0	35.8	34.6	35.8	37.0	38.3	39.6
97.5°	46.6	45.9	45.1	44.4	43.6	42.9	42.1	43.0	43.7	44.5	45.2
100°	53.7	52.8	51.9	51.0	50.0	49.1	48.2	49.3	50.2	51.2	52.1
102.5°	92.5	87.0	81.3	75.8	70.1	64.6	58.9	64.6	70.1	75.9	81.4
105°	218.8	199.9	181.0	162.0	143.1	124.2	105.2	124.3	143.2	162.1	181.2
107.5°	438.9	405.8	372.4	339.2	305.8	272.5	239.2	272.6	306.0	339.3	372.6
110°	651.0	622.4	593.6	564.9	536.2	507.4	478.7	507.5	536.4	565.1	593.9



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	766.0	748.7	731.2	713.9	696.2	678.9	661.3	679.1	696.6	714.4	731.8
115°	790.8	781.6	772.4	763.2	753.9	744.7	735.4	745.0	754.4	763.8	773.2
117.5°	762.6	759.6	756.2	753.1	749.8	746.7	743.2	746.9	750.3	754.0	757.3
120°	704.3	704.9	705.2	705.5	705.9	706.2	706.4	706.6	706.6	706.6	706.5
122.5°	640.7	643.1	645.6	648.0	650.4	652.7	654.9	653.1	651.2	649.3	647.2
125°	582.1	584.9	587.3	590.0	592.3	594.9	596.9	595.4	593.4	591.5	589.3
127.5°	532.8	535.2	537.4	539.9	541.9	544.1	546.0	544.7	542.9	541.3	539.4
130°	492.1	494.1	495.8	497.5	499.2	500.7	502.1	501.3	500.3	499.4	498.0
132.5°	462.9	464.4	465.9	467.3	468.4	469.7	470.5	470.3	469.7	469.2	468.3
135°	440.5	441.6	442.5	443.8	444.4	445.2	445.6	445.9	445.7	445.6	445.1
137.5°	422.2	423.0	423.5	423.9	424.3	424.6	424.7	425.3	425.6	426.1	426.1
140°	410.3	411.1	411.5	412.0	412.5	412.9	412.9	413.6	413.9	414.2	414.2
142.5°	398.1	398.8	399.3	399.9	400.2	400.6	400.7	401.3	401.6	401.9	402.0
145°	389.3	389.8	390.1	390.6	390.7	390.9	390.7	391.6	392.0	392.5	392.8
147.5°	380.6	381.1	381.3	381.6	381.8	381.9	381.9	382.5	383.1	383.5	383.9
150°	373.9	374.6	375.1	375.7	376.1	376.5	376.5	377.1	377.3	377.6	377.6
152.5°	367.6	368.1	368.7	369.1	369.5	369.7	369.9	370.3	370.8	371.1	371.3
155°	361.6	362.3	362.9	363.5	363.9	364.5	364.8	365.2	365.5	365.7	365.9
157.5°	356.8	357.5	358.0	358.6	359.0	359.6	360.0	360.4	360.7	361.1	361.3
160°	353.6	354.3	354.7	355.3	355.8	356.3	356.7	357.1	357.5	357.8	358.2
162.5°	352.0	352.6	352.9	353.6	354.1	354.6	355.0	355.4	355.8	356.2	356.5
165°	349.6	350.2	350.8	351.4	352.1	352.7	353.3	353.5	353.7	353.9	354.1
167.5°	350.7	351.3	351.8	352.4	352.9	353.6	354.2	354.4	354.5	354.6	354.8
170°	351.0	351.5	352.1	352.5	353.2	353.7	354.1	354.2	354.4	354.5	354.7
172.5°	351.1	351.8	352.3	353.0	353.6	354.1	354.6	354.7	354.6	354.5	354.3
175°	351.6	352.2	352.6	353.2	353.6	354.1	354.6	354.4	354.4	354.2	354.1
177.5°	354.8	355.4	356.0	356.4	357.0	357.4	358.0	357.5	357.2	356.8	356.4
180°	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8
2.5°	26466.3	26479.6	26499.8	26518.1	26545.8	26567.6	26600.4	26625.2	26662.1	26686.1	26726.3
5°	26468.7	26520.5	26588.6	26655.0	26734.9	26807.4	26897.5	26974.3	27064.9	27138.8	27231.4
7.5°	26506.1	26605.9	26725.6	26846.3	26982.6	27110.2	27253.9	27384.1	27526.2	27646.6	27778.1
10°	26533.7	26687.7	26864.1	27041.6	27228.4	27401.9	27577.2	27728.6	27870.1	27986.5	28089.5
12.5°	26496.2	26708.4	26934.8	27153.3	27361.1	27540.7	27691.4	27807.9	27888.3	27942.8	27955.6
15°	26369.0	26624.3	26870.4	27088.0	27260.5	27393.3	27462.2	27494.4	27459.8	27402.4	27276.2
17.5°	26131.3	26400.6	26620.5	26792.3	26883.4	26919.4	26862.4	26763.3	26569.5	26354.4	26043.7
20°	25695.5	25946.3	26106.0	26199.6	26175.2	26085.1	25869.9	25608.3	25221.4	24809.1	24264.9
22.5°	24931.0	25150.3	25235.4	25242.4	25093.6	24868.0	24479.9	24031.2	23420.8	22786.2	22005.9
25°	23783.5	23975.7	23989.1	23913.6	23641.5	23275.8	22705.8	22071.2	21241.8	20396.2	19418.3
27.5°	22227.3	22411.5	22366.4	22225.6	21847.9	21358.6	20628.8	19808.9	18786.4	17787.7	16705.9
30°	20271.0	20468.1	20415.1	20234.5	19785.2	19206.8	18348.2	17395.5	16260.2	15193.6	14097.4
32.5°	17929.9	18179.1	18142.4	17970.8	17501.9	16883.0	15951.3	14940.9	13779.4	12728.3	11662.0
35°	15268.9	15571.4	15587.0	15474.8	15039.5	14427.8	13507.8	12529.9	11417.3	10425.6	9440.5
37.5°	12402.0	12752.8	12824.7	12794.4	12433.7	11893.7	11055.5	10178.1	9192.6	8323.3	7480.8
40°	9519.3	9874.3	9997.4	10033.9	9767.7	9349.5	8661.5	7953.3	7149.9	6445.6	5776.6
42.5°	6890.4	7205.1	7324.0	7398.9	7232.7	6953.8	6451.9	5937.8	5349.1	4841.1	4354.0
45°	4785.5	5008.1	5098.6	5174.0	5083.4	4926.1	4609.2	4287.5	3899.0	3567.0	3252.8
47.5°	3345.8	3468.5	3528.3	3564.9	3529.8	3447.8	3275.3	3089.0	2869.6	2675.7	2489.1
50°	2479.9	2545.3	2576.6	2597.7	2572.1	2526.5	2433.2	2331.8	2211.3	2101.4	1994.0
52.5°	1965.3	2002.8	2021.3	2032.7	2018.1	1990.2	1935.9	1875.7	1803.5	1735.6	1699.9
55°	1655.7	1653.8	1696.6	1675.9	1696.6	1650.3	1640.6	1574.5	1514.5	1472.3	1426.6
57.5°	1365.4	1384.9	1393.1	1402.3	1396.4	1387.9	1364.8	1341.1	1309.5	1283.0	1254.8
60°	1181.9	1197.9	1207.0	1216.1	1215.5	1212.4	1199.0	1184.9	1165.1	1149.3	1132.2
62.5°	1055.5	1069.3	1078.3	1087.1	1087.9	1086.6	1076.5	1066.6	1053.2	1043.2	1031.5
65°	956.0	965.8	971.9	978.8	978.5	976.6	967.4	959.4	948.3	941.3	932.7
67.5°	852.0	859.4	864.1	870.7	872.0	872.4	867.3	863.5	858.1	856.1	853.2
70°	778.0	786.9	794.5	802.9	807.4	809.5	807.4	805.4	802.3	800.9	798.6
72.5°	722.0	729.6	735.5	743.0	747.3	750.3	748.6	747.6	744.8	744.4	742.8
75°	652.4	657.7	661.0	666.6	669.0	671.8	670.5	671.2	670.3	672.5	672.4
77.5°	568.8	572.6	574.2	578.4	578.8	582.2	582.9	586.9	589.9	596.1	599.4
80°	474.6	477.1	477.1	481.3	483.2	489.0	491.8	498.3	501.4	507.0	507.4
82.5°	368.7	365.9	368.7	367.0	372.3	378.9	379.7	385.3	386.5	390.2	387.4
85°	252.0	251.8	249.6	250.0	248.3	249.1	248.1	249.2	248.2	248.3	245.8
87.5°	120.8	121.9	119.2	120.1	117.5	118.8	116.4	118.3	115.5	115.9	112.0
90°	32.0	32.9	33.5	34.5	35.7	38.1	40.8	43.3	46.2	48.7	51.5
92.5°	35.6	37.0	38.4	39.8	41.2	45.3	49.3	53.5	57.6	61.6	65.7
95°	40.8	42.0	43.2	44.6	45.8	51.8	57.6	63.6	69.5	75.4	81.3
97.5°	46.2	46.9	47.7	48.4	49.3	56.3	63.3	70.2	77.2	84.2	91.0
100°	53.1	54.0	54.9	55.9	56.8	72.8	88.9	105.0	121.1	137.0	153.1
102.5°	87.2	92.7	98.4	104.1	109.8	148.7	187.7	226.6	265.4	304.2	343.1
105°	200.1	219.1	238.2	257.1	276.1	335.0	393.9	452.9	511.7	570.5	629.4
107.5°	406.1	439.4	472.8	506.2	539.5	595.0	650.3	705.7	761.2	816.5	871.7
110°	623.0	651.5	680.5	709.3	738.1	782.0	826.1	870.0	914.0	957.8	1001.7



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	749.5	766.9	784.6	802.0	819.5	851.7	884.2	916.4	948.8	980.7	1013.0
115°	782.7	791.8	801.1	810.3	819.7	839.2	858.6	878.1	897.6	917.0	936.5
117.5°	760.7	764.0	767.4	770.5	773.9	783.9	794.0	804.0	814.0	824.1	833.9
120°	706.4	706.1	705.9	705.5	705.3	708.4	711.6	714.7	717.8	720.8	723.8
122.5°	645.1	642.7	640.5	638.2	635.9	634.7	633.8	632.5	631.6	630.4	629.3
125°	587.1	584.7	582.5	580.0	577.6	574.7	572.0	569.2	566.4	563.4	560.6
127.5°	537.7	535.5	533.7	531.3	529.2	525.9	522.8	519.4	516.5	513.1	509.9
130°	496.7	495.2	493.8	492.0	490.6	487.5	484.9	482.0	479.2	476.3	473.6
132.5°	467.5	466.4	465.4	463.9	462.8	460.2	458.0	455.3	452.7	450.1	447.7
135°	444.8	444.1	443.7	442.7	442.0	439.9	438.1	436.1	434.3	432.4	430.4
137.5°	426.2	425.9	425.7	425.4	425.2	423.5	422.0	420.2	418.7	417.0	415.6
140°	414.4	414.2	414.1	413.8	413.5	411.7	410.2	408.3	406.7	404.9	403.3
142.5°	402.0	401.9	401.8	401.5	401.3	399.9	398.7	397.4	396.0	394.7	393.4
145°	393.0	393.0	393.2	393.0	393.2	391.5	390.1	388.4	387.2	385.4	384.0
147.5°	384.2	384.3	384.5	384.6	384.8	383.4	382.3	380.9	379.8	378.5	377.4
150°	377.8	377.8	377.9	377.7	377.7	376.3	375.1	373.7	372.6	371.1	370.0
152.5°	371.4	371.6	371.7	371.8	371.9	370.6	369.3	367.9	366.6	365.2	363.8
155°	366.1	366.2	366.3	366.3	366.3	365.1	363.8	362.5	361.3	360.0	358.8
157.5°	361.5	361.7	361.9	362.0	362.1	361.0	360.0	358.9	357.9	356.7	355.7
160°	358.4	358.7	358.9	359.0	359.2	358.3	357.6	356.5	355.8	354.7	353.7
162.5°	356.8	357.1	357.3	357.4	357.6	356.7	356.0	355.1	354.2	353.0	352.1
165°	354.3	354.3	354.4	354.4	354.4	353.8	353.3	352.6	352.0	351.3	350.7
167.5°	354.9	354.9	355.0	355.0	355.0	354.6	354.4	353.9	353.4	352.9	352.4
170°	354.7	354.8	354.7	354.7	354.7	354.3	353.9	353.5	353.2	352.5	352.0
172.5°	354.3	354.1	354.0	353.9	353.7	353.4	353.2	352.8	352.6	352.3	352.0
175°	353.9	353.7	353.6	353.4	353.2	353.0	352.9	352.8	352.7	352.5	352.4
177.5°	356.1	355.8	355.3	355.0	354.6	354.5	354.4	354.3	354.3	354.2	354.0
180°	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8
2.5°	26751.2	26586.0	26564.1	26575.7	26603.4	26613.6	26643.4	26651.5	26681.5	26688.9	26717.7
5°	27303.1	27084.8	27095.7	27148.2	27227.7	27275.1	27353.2	27394.0	27468.6	27502.5	27570.0
7.5°	27885.2	27713.7	27767.2	27855.8	27964.4	28039.7	28133.5	28194.7	28275.6	28325.8	28390.5
10°	28171.0	28124.1	28182.9	28252.6	28314.6	28363.1	28402.9	28434.7	28455.6	28475.2	28483.7
12.5°	27953.5	28026.3	28036.3	28029.5	27988.4	27957.1	27886.6	27838.7	27753.8	27702.0	27600.8
15°	27147.3	27307.2	27218.7	27084.6	26888.4	26725.0	26494.0	26322.1	26081.5	25918.5	25677.1
17.5°	25732.4	25934.2	25703.6	25393.4	24998.8	24661.3	24240.9	23907.3	23489.4	23185.4	22795.4
20°	23740.6	23929.1	23517.7	23003.5	22393.1	21879.5	21273.8	20790.4	20227.6	19808.9	19303.6
22.5°	21260.5	21394.8	20815.2	20122.0	19344.4	18702.7	17978.5	17399.1	16756.7	16278.0	15739.2
25°	18516.8	18553.1	17857.7	17059.2	16192.4	15471.3	14698.1	14088.9	13433.7	12948.6	12419.8
27.5°	15747.5	15694.4	14942.8	14096.0	13184.4	12434.8	11680.7	11109.8	10536.0	10099.0	9643.4
30°	13133.6	13005.0	12224.6	11354.3	10469.4	9797.5	9171.4	8713.0	8256.5	7909.9	7544.2
32.5°	10736.8	10555.1	9795.6	8980.2	8234.5	7716.0	7251.8	6904.9	6536.3	6243.5	5936.6
35°	8613.7	8420.2	7747.3	7056.0	6491.7	6109.5	5744.6	5460.0	5147.0	4900.0	4633.4
37.5°	6791.7	6633.1	6069.4	5525.5	5098.6	4802.4	4503.5	4270.9	4012.2	3903.5	3618.7
40°	5243.2	5132.3	4691.5	4290.6	3970.0	3830.9	3527.5	3310.1	3116.9	2957.5	2803.1
42.5°	4089.8	4050.5	3621.6	3308.9	3083.1	2907.8	2738.7	2601.4	2467.8	2357.9	2254.1
45°	3001.3	2970.2	2779.8	2599.3	2445.5	2322.9	2208.6	2114.2	2026.9	1954.4	1888.5
47.5°	2337.0	2327.2	2217.5	2105.6	2008.6	1929.9	1855.8	1793.1	1735.1	1686.7	1671.0
50°	1900.9	1899.5	1835.2	1766.2	1697.1	1651.6	1604.3	1567.2	1529.9	1501.0	1470.3
52.5°	1615.1	1608.1	1564.7	1522.0	1481.0	1451.1	1420.9	1397.3	1372.5	1354.7	1335.6
55°	1390.4	1397.8	1372.6	1347.2	1321.6	1303.0	1281.7	1266.1	1249.2	1237.9	1226.4
57.5°	1234.4	1244.1	1231.0	1216.5	1200.9	1188.7	1174.1	1163.3	1152.0	1144.7	1138.1
60°	1120.9	1131.5	1126.1	1118.9	1109.3	1102.0	1092.6	1086.7	1079.4	1075.4	1071.7
62.5°	1024.5	1037.9	1035.9	1032.5	1026.4	1022.3	1017.2	1014.5	1009.7	1008.0	1006.2
65°	928.5	943.4	943.1	941.4	938.0	936.9	933.6	933.1	930.6	931.6	931.4
67.5°	852.9	865.8	868.7	870.8	870.7	871.5	871.2	872.5	872.5	874.3	875.5
70°	798.3	807.4	809.5	811.7	812.3	814.1	814.1	815.2	814.9	816.5	816.6
72.5°	743.2	755.1	757.3	759.1	759.1	760.7	759.9	759.6	757.2	756.6	755.0
75°	674.6	689.9	693.2	695.4	695.7	697.1	695.1	693.8	689.9	688.2	685.5
77.5°	603.0	618.8	621.1	621.9	620.6	620.9	616.6	613.7	608.7	606.6	604.0
80°	509.7	533.1	534.9	533.5	529.8	529.2	525.0	522.3	516.2	514.2	511.9
82.5°	387.9	415.2	419.0	420.7	417.7	418.4	414.4	412.9	407.3	406.3	402.7
85°	244.9	272.2	276.8	276.1	273.1	272.4	270.0	270.8	270.3	271.8	272.6
87.5°	112.5	138.9	145.3	143.3	143.0	141.2	136.9	138.4	141.1	142.7	142.8
90°	54.1	64.7	67.1	65.6	61.4	59.5	55.6	54.1	50.6	49.0	45.6
92.5°	69.8	73.9	78.0	74.4	70.7	67.1	63.5	59.6	56.1	52.4	48.8
95°	87.3	92.9	98.9	94.0	89.1	84.3	79.4	74.5	69.6	64.8	59.9
97.5°	98.0	104.7	111.6	106.8	101.9	97.0	92.1	87.3	82.4	77.5	72.6
100°	169.2	184.8	200.8	187.0	173.1	159.3	145.5	131.8	118.0	104.1	90.3
102.5°	381.9	420.6	459.3	424.4	389.4	354.5	319.7	284.6	249.8	214.8	179.9
105°	688.2	746.7	805.4	751.9	698.6	645.4	592.1	538.7	485.4	432.1	378.9
107.5°	927.1	981.8	1036.8	988.6	940.4	892.3	843.9	795.7	747.5	699.2	651.1
110°	1045.6	1088.6	1132.3	1099.8	1067.4	1035.0	1002.7	970.3	938.0	905.8	873.4



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	1045.1	1076.3	1108.1	1088.9	1069.9	1051.0	1032.0	1012.9	994.1	975.2	956.4
115°	955.7	973.7	992.7	985.0	977.5	969.9	962.3	954.8	947.2	939.7	932.4
117.5°	843.8	852.1	861.5	859.9	858.5	856.8	855.4	854.0	852.7	851.3	850.0
120°	726.8	728.0	730.5	731.2	732.1	732.9	733.8	734.7	735.6	736.5	737.5
122.5°	628.1	625.0	623.2	623.9	624.7	625.3	626.1	626.9	627.7	628.6	629.5
125°	557.7	552.6	549.0	547.6	546.2	544.7	543.1	541.6	540.4	539.0	537.7
127.5°	506.6	501.1	497.1	493.9	490.9	487.5	484.4	481.1	478.2	474.8	471.9
130°	470.8	465.5	461.9	457.9	454.2	450.0	446.2	442.1	438.2	434.3	430.3
132.5°	445.2	439.8	436.7	432.9	429.2	425.3	421.7	417.6	413.9	410.0	406.3
135°	428.4	423.7	421.2	417.5	414.3	410.7	407.2	403.7	400.4	396.6	393.4
137.5°	413.9	409.3	407.0	404.1	401.6	398.7	396.0	393.0	390.3	387.3	384.6
140°	401.5	396.7	394.3	392.7	391.2	389.4	387.9	386.1	384.5	382.8	381.1
142.5°	392.1	387.4	385.4	384.3	383.4	382.2	381.4	380.2	379.3	377.9	376.9
145°	382.5	377.3	374.9	374.7	374.7	374.5	374.3	374.1	373.9	373.6	373.4
147.5°	376.0	370.6	368.4	368.6	368.7	368.8	369.0	369.0	369.2	369.2	369.3
150°	368.5	362.5	359.9	360.3	360.6	361.0	361.4	361.8	362.3	362.6	363.0
152.5°	362.3	355.2	352.2	352.6	353.3	353.6	354.2	354.7	355.3	355.8	356.3
155°	357.3	349.5	346.4	346.4	346.6	346.9	347.1	347.4	347.7	348.0	348.4
157.5°	354.4	346.3	343.3	343.2	343.2	343.3	343.3	343.5	343.6	343.8	344.1
160°	352.6	344.6	341.6	341.3	341.5	341.4	341.4	341.4	341.6	341.7	342.1
162.5°	351.0	343.2	340.3	340.0	339.9	339.9	340.0	339.8	340.0	340.0	340.3
165°	349.9	343.1	340.5	340.4	340.5	340.5	340.6	340.7	341.0	341.2	341.5
167.5°	351.8	345.7	343.8	343.5	343.2	342.9	342.9	342.5	342.5	342.3	342.3
170°	351.5	346.7	345.0	344.9	345.1	345.0	345.0	345.0	345.1	345.0	345.2
172.5°	351.6	348.1	346.8	347.0	347.3	347.5	347.8	348.0	348.3	348.6	348.9
175°	352.2	350.1	349.5	349.5	349.6	349.8	349.9	350.1	350.2	350.4	350.7
177.5°	354.0	353.3	352.9	352.9	352.9	352.9	352.9	352.9	352.9	353.0	353.0
180°	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8
2.5°	26723.1	26754.2	26751.9	26781.0	26779.5	26806.9	26801.4	26825.1	26819.7	26839.9	26828.0
5°	27599.7	27658.9	27678.5	27732.0	27743.1	27790.9	27791.9	27829.9	27825.3	27855.1	27839.2
7.5°	28428.9	28484.2	28510.4	28552.0	28572.8	28607.2	28620.6	28648.9	28655.7	28672.3	28671.8
10°	28498.8	28498.6	28511.6	28505.8	28517.4	28510.7	28524.8	28519.8	28540.7	28535.3	28551.1
12.5°	27557.2	27463.8	27429.7	27345.7	27327.4	27255.3	27260.5	27214.2	27236.5	27208.2	27256.5
15°	25533.6	25316.7	25209.6	25021.1	24962.0	24813.0	24800.9	24701.9	24728.7	24676.9	24752.6
17.5°	22543.1	22201.7	22014.5	21739.2	21629.9	21419.3	21377.0	21249.6	21269.3	21205.1	21296.6
20°	18977.6	18565.1	18328.9	18010.5	17868.6	17617.4	17550.7	17408.3	17426.1	17362.3	17465.7
22.5°	15371.4	14939.8	14673.0	14339.4	14158.1	13921.9	13850.9	13707.8	13715.9	13656.0	13755.5
25°	12057.6	11643.7	11384.7	11081.7	10924.3	10707.8	10633.2	10504.8	10512.1	10462.6	10551.8
27.5°	9327.4	8987.8	8771.1	8517.2	8376.1	8198.0	8125.4	8017.3	8017.0	7980.8	8055.4
30°	7288.8	7005.4	6811.0	6589.8	6457.3	6296.6	6226.4	6129.8	6125.5	6099.8	6159.0
32.5°	5707.0	5455.0	5277.6	5082.8	4964.0	4826.0	4759.7	4682.0	4674.8	4651.6	4700.2
35°	4436.5	4224.2	4071.6	3907.8	3919.9	3716.4	3750.3	3592.2	3549.4	3540.0	3576.2
37.5°	3428.9	3264.4	3140.5	3017.8	2934.7	2848.7	2802.4	2760.8	2756.1	2752.0	2777.5
40°	2683.8	2568.8	2478.7	2394.5	2337.2	2284.8	2255.8	2233.0	2227.6	2224.5	2239.9
42.5°	2172.2	2094.6	2036.5	1985.1	1950.3	1921.7	1905.9	1893.2	1888.9	1889.0	1898.1
45°	1835.2	1788.1	1750.7	1718.7	1696.5	1706.3	1677.6	1692.6	1672.7	1693.3	1679.8
47.5°	1616.1	1576.1	1552.9	1530.2	1516.8	1506.0	1506.4	1506.6	1510.8	1511.5	1515.9
50°	1447.1	1423.9	1407.9	1393.4	1386.4	1380.7	1382.6	1384.1	1388.3	1388.6	1391.8
52.5°	1322.0	1306.8	1297.1	1288.1	1285.0	1281.7	1283.1	1282.5	1284.4	1283.4	1286.1
55°	1220.2	1213.0	1210.0	1206.7	1207.2	1206.3	1206.9	1203.6	1201.6	1199.2	1201.4
57.5°	1136.7	1135.7	1137.7	1139.2	1143.0	1144.4	1145.2	1141.5	1138.0	1134.7	1136.6
60°	1072.4	1073.9	1079.0	1083.2	1088.6	1091.2	1092.7	1090.6	1088.0	1085.4	1087.0
62.5°	1008.8	1011.3	1017.4	1022.0	1028.7	1032.1	1035.9	1036.1	1037.2	1036.1	1037.3
65°	935.1	938.2	943.7	947.6	953.7	956.7	960.7	961.4	963.6	963.1	964.9
67.5°	879.1	881.9	886.5	890.1	895.7	898.8	902.2	902.4	903.3	903.1	904.8
70°	819.4	820.7	824.9	827.9	833.4	836.7	840.6	841.8	844.2	844.6	846.7
72.5°	755.7	755.1	757.6	759.0	763.1	765.6	770.7	773.4	777.5	778.6	780.1
75°	686.3	685.7	688.6	689.9	693.4	695.9	701.6	705.2	711.5	714.3	713.6
77.5°	606.0	607.4	612.9	616.0	620.6	624.0	631.2	637.0	648.7	653.8	648.6
80°	516.2	517.7	523.4	526.2	532.4	536.4	544.6	551.3	561.8	564.0	561.1
82.5°	405.8	406.2	411.4	413.5	421.6	427.4	437.7	443.2	449.6	448.6	447.8
85°	276.8	280.5	286.9	293.2	303.1	312.5	322.3	330.2	324.6	333.6	323.5
87.5°	147.9	147.5	156.2	154.8	168.5	176.5	184.9	189.0	193.5	192.6	192.7
90°	44.5	42.2	42.0	39.5	40.0	37.2	38.4	35.9	37.5	34.5	39.3
92.5°	45.1	43.3	41.2	39.4	37.2	35.4	33.3	31.4	29.4	27.4	29.4
95°	55.1	53.3	51.5	49.5	47.7	45.9	44.1	42.3	40.5	38.6	41.0
97.5°	67.8	66.7	65.7	64.6	63.6	62.5	61.4	60.3	59.2	58.1	59.6
100°	76.5	76.5	76.5	76.5	76.3	76.3	76.3	76.3	76.3	76.3	77.5
102.5°	145.0	141.5	138.0	134.4	131.0	127.4	124.0	120.5	117.0	113.5	118.7
105°	325.6	312.0	298.3	284.5	270.8	257.2	243.6	229.9	216.2	202.6	216.7
107.5°	603.1	578.2	553.2	528.3	503.4	478.6	453.7	428.8	404.0	379.2	401.5
110°	841.1	814.7	788.1	761.8	735.4	708.8	682.5	656.2	629.7	603.4	624.6



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	937.6	920.3	903.3	886.1	869.1	852.1	835.0	818.0	801.0	784.1	794.4
115°	924.8	916.7	908.5	900.3	892.4	884.1	876.0	867.9	860.0	851.9	852.5
117.5°	848.7	845.7	843.0	840.2	837.5	834.7	832.1	829.5	826.9	824.4	818.6
120°	738.7	739.4	740.0	740.9	741.7	742.7	743.4	744.5	745.6	746.7	738.9
122.5°	630.4	632.1	634.1	636.0	638.0	640.0	642.1	644.3	646.7	648.9	641.1
125°	536.3	538.1	539.8	541.8	543.5	545.8	547.8	550.1	552.2	554.6	548.1
127.5°	468.8	469.3	469.7	470.4	470.9	471.8	472.6	473.6	474.6	475.8	471.7
130°	426.4	425.5	424.6	423.8	422.9	422.4	421.9	421.4	421.0	420.8	418.9
132.5°	402.4	400.5	398.6	396.8	395.1	393.6	392.0	390.8	389.5	388.4	387.9
135°	389.8	387.3	384.7	382.3	379.9	377.9	375.8	373.9	372.0	370.3	370.6
137.5°	381.7	379.3	376.8	374.4	372.0	370.0	367.8	365.9	364.0	362.3	363.0
140°	379.5	377.0	374.4	372.1	369.9	367.8	365.7	363.8	361.8	360.3	360.7
142.5°	375.7	373.6	371.2	369.2	367.1	365.3	363.3	361.7	359.8	358.5	359.0
145°	373.2	371.6	369.9	368.3	366.8	365.5	363.8	362.7	361.5	360.6	360.9
147.5°	369.3	368.2	366.8	365.7	364.3	363.3	362.2	361.4	360.5	359.8	359.9
150°	363.3	362.6	361.7	361.0	360.2	359.6	358.9	358.4	357.8	357.4	357.4
152.5°	356.8	356.2	355.4	354.8	354.1	353.6	352.9	352.5	352.0	351.6	351.6
155°	348.7	348.4	348.1	347.8	347.5	347.5	347.2	347.2	347.0	347.0	347.1
157.5°	344.3	344.2	344.1	344.2	344.2	344.2	344.2	344.4	344.4	344.6	344.8
160°	342.4	342.3	342.0	342.0	341.8	341.7	341.7	341.7	341.7	341.7	342.2
162.5°	340.4	340.7	340.8	340.9	341.2	341.4	341.7	342.2	342.4	342.8	343.1
165°	341.8	341.8	341.6	341.6	341.7	341.8	341.8	342.2	342.2	342.5	342.9
167.5°	342.2	342.4	342.5	342.7	343.0	343.3	343.6	344.0	344.4	344.9	345.3
170°	345.1	345.1	345.1	345.1	345.1	345.3	345.4	345.5	345.6	345.9	346.2
172.5°	349.1	349.1	348.9	349.1	348.9	349.1	349.1	349.2	349.2	349.3	349.5
175°	350.7	351.0	351.2	351.4	351.5	351.6	351.8	351.9	352.1	352.3	352.3
177.5°	353.0	353.2	353.2	353.2	353.2	353.3	353.3	353.3	353.3	353.2	353.3
180°	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8
2.5°	26847.8	26834.4	26848.1	26834.2	26848.1	26831.3	26842.6	26824.6	26829.2	26810.4	26815.3
5°	27862.9	27841.5	27852.9	27825.1	27828.0	27790.9	27790.2	27747.0	27735.6	27686.4	27664.7
7.5°	28683.8	28676.8	28680.7	28662.9	28660.7	28635.4	28623.3	28587.6	28565.1	28519.8	28488.8
10°	28553.9	28574.8	28580.2	28601.5	28606.0	28627.0	28631.5	28652.7	28657.0	28672.7	28672.9
12.5°	27254.2	27325.2	27342.3	27430.1	27467.0	27567.4	27621.3	27732.0	27797.6	27908.0	27975.8
15°	24750.5	24873.5	24922.5	25093.8	25188.7	25388.8	25514.5	25744.2	25906.4	26150.4	26324.4
17.5°	21304.6	21476.4	21554.0	21786.3	21938.0	22233.3	22446.1	22796.4	23064.6	23454.0	23762.6
20°	17483.3	17674.4	17779.6	18044.7	18223.6	18568.6	18834.4	19264.9	19623.9	20117.2	20539.1
22.5°	13786.6	13968.3	14085.1	14354.9	14556.3	14916.2	15213.2	15667.7	16069.8	16625.8	17131.5
25°	10585.5	10752.0	10857.6	11101.6	11290.8	11621.5	11905.1	12342.1	12735.7	13293.3	13812.0
27.5°	8092.5	8231.9	8333.7	8541.8	8708.7	8989.1	9232.8	9593.9	9933.0	10415.4	10877.3
30°	6195.5	6319.1	6418.1	6599.4	6754.0	6997.2	7211.4	7514.7	7795.4	8179.3	8546.7
32.5°	4734.4	4840.8	4929.1	5087.7	5228.0	5447.0	5640.0	5905.9	6146.7	6472.3	6774.6
35°	3609.8	3819.2	3804.3	4023.1	4058.3	4215.4	4387.6	4620.1	4833.4	5110.3	5367.6
37.5°	2801.8	2860.6	2923.8	3020.4	3122.0	3265.0	3410.5	3694.6	3798.8	4007.9	4220.9
40°	2259.4	2299.1	2340.8	2406.2	2477.3	2578.0	2683.9	2819.4	2958.4	3128.0	3301.2
42.5°	1910.1	1932.6	1959.2	1997.5	2041.4	2105.3	2176.1	2268.0	2364.6	2484.0	2605.8
45°	1706.5	1695.8	1703.7	1724.4	1750.8	1789.6	1834.4	1891.3	1954.1	2031.4	2113.9
47.5°	1516.8	1521.2	1523.5	1534.7	1548.8	1574.8	1602.0	1640.6	1715.2	1737.9	1782.8
50°	1391.5	1393.5	1392.9	1398.6	1405.7	1422.7	1440.2	1466.4	1492.5	1527.1	1560.1
52.5°	1286.5	1289.4	1289.0	1292.7	1296.6	1307.3	1318.4	1336.9	1354.0	1376.0	1394.9
55°	1203.5	1207.6	1209.1	1212.3	1214.1	1219.8	1224.1	1233.0	1240.3	1252.8	1264.3
57.5°	1139.8	1145.2	1147.8	1148.8	1146.6	1146.3	1144.8	1146.7	1148.2	1154.9	1161.4
60°	1089.5	1094.0	1094.7	1094.0	1089.8	1086.9	1082.2	1080.6	1079.9	1083.2	1086.7
62.5°	1036.9	1038.6	1037.5	1036.1	1031.5	1028.6	1023.7	1021.9	1020.2	1022.5	1024.3
65°	964.2	965.6	964.2	963.5	959.3	956.9	952.8	951.5	949.1	949.7	949.3
67.5°	905.2	906.6	905.5	904.4	901.4	900.0	897.0	895.1	892.2	891.1	889.1
70°	846.3	847.4	845.7	844.6	841.3	840.0	837.2	836.6	834.3	833.8	831.6
72.5°	778.6	778.7	776.3	775.6	773.2	773.1	771.9	773.0	772.9	774.1	773.6
75°	709.3	708.3	705.4	704.9	703.1	703.9	702.7	704.3	704.5	707.1	707.3
77.5°	639.9	636.3	630.7	628.0	624.3	623.9	621.6	623.2	622.7	625.6	626.8
80°	552.3	547.9	540.7	537.3	532.9	532.1	530.1	532.1	531.1	534.6	537.1
82.5°	440.9	437.1	429.6	426.9	421.8	422.3	420.1	422.3	422.0	427.1	430.0
85°	326.2	323.6	315.9	309.2	301.6	297.2	292.8	292.1	290.8	292.8	294.6
87.5°	188.4	186.1	180.0	176.1	162.9	163.5	158.2	157.9	156.6	155.5	158.2
90°	38.8	43.0	42.8	46.5	46.8	51.1	51.6	55.7	55.9	59.9	60.8
92.5°	31.4	33.3	35.3	37.2	39.3	41.2	43.2	45.1	49.3	53.4	57.8
95°	43.2	45.5	47.7	50.0	52.3	54.6	56.8	59.1	65.4	71.5	77.8
97.5°	61.2	62.7	64.2	65.7	67.2	68.7	70.2	71.7	78.5	85.2	91.8
100°	78.7	79.9	81.1	82.3	83.5	84.8	86.0	87.2	100.3	113.1	126.0
102.5°	123.8	129.0	134.1	139.2	144.5	149.6	154.8	159.9	189.6	219.2	248.7
105°	230.8	244.9	259.1	273.1	287.3	301.4	315.5	329.6	377.1	424.3	471.8
107.5°	423.8	446.0	468.3	490.7	513.0	535.3	557.6	580.0	626.1	672.4	718.5
110°	645.9	667.2	688.3	709.7	730.9	752.2	773.6	795.0	822.7	850.4	878.2



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	804.8	815.1	825.5	836.0	846.3	856.8	867.2	877.7	891.7	905.4	919.4
115°	853.2	853.8	854.6	855.2	856.0	856.7	857.8	858.6	863.1	867.4	872.0
117.5°	813.0	807.3	801.8	796.0	790.5	785.1	779.7	774.3	773.5	772.7	772.0
120°	731.5	723.9	716.4	708.7	701.5	694.0	686.7	679.5	675.8	672.2	668.7
122.5°	633.7	626.1	618.7	611.3	604.0	596.7	589.7	582.5	579.9	577.5	575.0
125°	541.8	535.6	529.4	523.2	517.3	511.4	505.6	499.8	499.8	499.7	499.9
127.5°	468.0	464.1	460.5	456.9	453.4	449.9	446.7	443.3	445.2	446.9	448.8
130°	417.3	415.7	414.4	412.8	411.7	410.4	409.3	408.0	411.2	414.1	417.3
132.5°	387.8	387.6	387.5	387.5	387.7	387.9	388.3	388.4	391.9	395.4	399.0
135°	371.1	371.6	372.5	373.2	374.3	375.0	376.3	377.2	380.7	383.9	387.4
137.5°	363.9	364.8	365.9	366.8	368.2	369.3	370.8	372.0	374.6	377.4	380.1
140°	361.5	362.1	363.1	364.0	365.1	366.0	367.3	368.3	370.6	372.7	374.7
142.5°	359.8	360.2	361.1	362.0	363.0	363.9	365.1	365.9	367.6	369.1	371.0
145°	361.4	361.9	362.6	363.2	363.8	364.7	365.5	366.3	367.4	368.4	369.4
147.5°	360.3	360.6	361.1	361.6	362.2	362.7	363.2	363.6	364.6	365.2	366.0
150°	357.6	357.8	358.0	358.1	358.5	358.9	359.3	359.6	360.2	360.8	361.5
152.5°	351.8	351.9	352.1	352.3	352.6	352.9	353.2	353.6	354.2	354.6	355.2
155°	347.4	347.8	348.2	348.5	349.0	349.2	349.7	349.9	350.4	350.8	351.3
157.5°	345.2	345.4	345.9	346.1	346.6	346.8	347.2	347.5	348.0	348.3	348.7
160°	342.7	343.3	343.7	344.3	344.7	345.2	345.7	346.3	346.7	347.0	347.4
162.5°	343.5	343.9	344.3	344.6	344.9	345.3	345.6	346.0	346.7	347.0	347.7
165°	343.5	343.9	344.6	344.9	345.5	346.0	346.5	347.0	347.3	347.7	348.0
167.5°	345.8	346.2	346.8	347.3	347.7	348.2	348.7	349.2	349.6	349.8	350.2
170°	346.6	347.1	347.5	348.0	348.4	348.8	349.2	349.6	350.1	350.5	351.0
172.5°	349.8	350.2	350.5	350.8	351.1	351.6	351.9	352.2	352.6	353.0	353.4
175°	352.3	352.3	352.4	352.5	352.6	352.6	352.7	352.9	353.0	353.2	353.3
177.5°	353.5	353.6	353.8	353.9	354.1	354.2	354.4	354.5	354.5	354.5	354.5
180°	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8
2.5°	26796.5	26797.6	26776.0	26774.8	26754.6	26752.0	26732.3	26726.3	26710.3	26704.5	26688.2
5°	27609.5	27583.1	27522.3	27486.6	27426.4	27386.6	27321.5	27279.1	27216.3	27168.9	27105.8
7.5°	28431.7	28390.8	28322.5	28267.2	28183.8	28117.2	28019.5	27939.6	27833.9	27742.4	27631.3
10°	28672.9	28666.6	28649.1	28623.8	28585.0	28541.4	28475.0	28405.7	28313.0	28212.3	28088.9
12.5°	28079.6	28143.6	28230.9	28282.8	28345.7	28373.4	28399.2	28392.7	28375.7	28324.7	28253.4
15°	26576.5	26756.5	26994.9	27179.6	27392.2	27546.7	27717.3	27823.6	27929.6	27978.6	28008.5
17.5°	24185.4	24526.4	24953.8	25308.0	25716.8	26045.1	26405.0	26675.9	26954.5	27154.1	27334.6
20°	21114.1	21608.0	22212.6	22746.8	23367.8	23907.5	24498.9	24984.5	25485.1	25876.7	26247.2
22.5°	17782.9	18369.5	19100.4	19777.5	20578.2	21297.7	22109.5	22816.0	23553.8	24170.1	24766.0
25°	14507.1	15150.4	15949.7	16705.1	17611.8	18448.8	19411.5	20292.1	21245.7	22073.5	22891.3
27.5°	11515.8	12147.5	12963.4	13767.5	14726.4	15618.2	16649.7	17620.0	18705.6	19706.9	20731.0
30°	9057.3	9593.0	10324.6	11103.5	12049.2	12956.7	13999.5	14997.3	16126.7	17219.9	18373.5
32.5°	7175.8	7583.9	8159.2	8817.8	9690.3	10554.1	11547.1	12510.4	13622.6	14726.9	15926.7
35°	5698.9	6017.2	6455.8	6969.8	7708.7	8453.4	9331.6	10207.5	11245.2	12293.1	13459.3
37.5°	4493.9	4752.2	5095.7	5481.7	6074.4	6685.5	7405.7	8131.9	9033.6	9962.4	11019.3
40°	3509.2	3718.4	3985.8	4273.7	4721.2	5192.1	5749.1	6312.2	7036.6	7795.7	8670.4
42.5°	2756.8	2911.1	3100.0	3310.3	3728.0	3977.9	4355.6	4762.9	5295.4	5846.5	6504.1
45°	2213.9	2319.2	2450.2	2591.3	2785.1	2997.1	3255.8	3527.1	4033.0	4281.1	4681.1
47.5°	1848.9	1919.5	2002.9	2091.8	2206.1	2329.4	2482.8	2639.6	2842.5	3052.7	3299.1
50°	1603.0	1674.8	1703.4	1749.5	1815.7	1886.1	1972.6	2059.1	2167.8	2278.1	2405.0
52.5°	1420.5	1443.9	1475.1	1504.3	1545.3	1625.5	1651.4	1696.6	1757.7	1817.3	1883.9
55°	1281.1	1296.4	1316.6	1334.3	1359.1	1382.7	1416.9	1447.0	1487.8	1523.7	1567.9
57.5°	1172.7	1182.3	1196.5	1208.1	1224.0	1237.4	1257.5	1273.8	1297.2	1317.6	1344.4
60°	1093.9	1100.3	1109.8	1117.4	1127.6	1134.5	1144.5	1152.2	1164.5	1174.8	1189.8
62.5°	1029.5	1032.8	1039.0	1043.4	1050.0	1053.5	1058.7	1062.1	1068.9	1074.1	1082.5
65°	952.3	953.0	957.1	959.1	964.1	966.0	970.4	971.9	977.5	981.4	988.7
67.5°	888.9	887.2	887.3	885.8	886.5	885.0	885.4	883.9	886.1	887.3	892.9
70°	831.2	828.7	827.9	825.3	824.5	821.7	820.9	818.5	818.2	817.4	819.4
72.5°	774.9	774.2	774.4	772.5	772.3	770.5	770.6	769.4	770.7	771.3	773.8
75°	710.1	710.3	711.5	709.9	710.4	708.8	709.4	707.9	708.7	708.4	710.9
77.5°	631.3	633.1	636.6	635.9	637.0	635.3	636.0	634.0	634.6	633.1	634.2
80°	542.6	546.6	551.2	551.0	552.9	551.7	553.4	551.5	552.3	549.9	549.3
82.5°	437.4	440.7	445.7	445.9	450.2	450.9	455.8	455.6	458.6	456.7	455.3
85°	299.1	301.3	305.6	307.9	312.4	315.1	319.8	321.7	318.3	324.4	319.6
87.5°	156.2	161.9	158.7	166.3	164.5	172.1	170.5	177.6	176.2	182.3	181.5
90°	66.0	67.2	72.5	74.1	80.4	82.5	84.9	82.3	84.5	82.1	84.3
92.5°	61.9	66.4	70.6	74.9	79.1	83.4	79.4	75.5	71.5	67.7	63.7
95°	83.9	90.2	96.4	102.6	108.8	115.0	108.4	101.8	95.1	88.5	81.7
97.5°	98.5	105.2	111.9	118.6	125.3	132.0	124.1	116.2	108.4	100.6	92.6
100°	138.9	151.9	164.8	177.7	190.5	203.4	188.8	174.2	159.5	144.8	130.2
102.5°	278.5	307.9	337.6	367.3	396.8	426.5	395.4	364.3	333.2	302.1	270.8
105°	519.1	566.6	613.9	661.3	708.6	756.2	705.7	655.2	604.7	554.3	503.7
107.5°	764.8	810.9	857.3	903.5	949.8	996.1	944.9	893.7	842.6	791.3	740.0
110°	906.1	933.8	961.7	989.5	1017.3	1045.2	1007.9	970.6	933.2	895.8	858.5



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	933.3	947.5	961.3	975.5	989.4	1003.5	976.8	950.2	923.4	896.8	870.0
115°	876.5	881.1	885.6	890.1	894.6	899.2	881.3	863.3	845.4	827.5	809.3
117.5°	771.3	770.8	770.0	769.6	768.8	768.2	758.1	748.2	738.1	728.1	718.0
120°	665.0	661.3	657.8	654.2	650.6	647.0	642.8	638.7	634.4	630.2	625.9
122.5°	572.6	570.3	567.8	565.3	562.8	560.3	558.8	557.4	555.7	554.1	552.4
125°	500.0	500.0	500.1	500.1	500.1	500.1	499.3	498.6	497.7	497.1	496.2
127.5°	450.5	452.4	454.0	455.9	457.5	459.3	459.1	459.1	458.9	458.9	458.7
130°	420.2	423.4	426.3	429.2	432.1	435.2	434.6	434.4	434.0	433.7	433.3
132.5°	402.4	405.8	409.3	412.8	416.1	419.3	418.8	418.5	417.8	417.5	416.9
135°	390.6	394.0	397.1	400.5	403.5	406.7	406.0	405.5	404.6	404.2	403.5
137.5°	382.6	385.3	387.9	390.5	392.9	395.5	394.7	394.1	393.4	392.9	392.2
140°	376.9	379.0	381.0	383.1	385.0	387.1	386.1	385.3	384.4	383.6	382.5
142.5°	372.5	374.0	375.4	377.2	378.6	380.2	378.8	377.6	376.3	375.0	373.6
145°	370.5	371.6	372.6	373.6	374.4	375.5	373.8	372.5	370.8	369.5	367.9
147.5°	366.6	367.4	367.8	368.5	368.8	369.6	368.1	366.7	365.3	363.7	362.2
150°	361.9	362.6	363.1	363.6	364.1	364.8	363.1	361.6	360.0	358.5	357.0
152.5°	355.8	356.3	356.8	357.2	357.7	358.1	356.6	355.3	353.8	352.1	350.7
155°	351.5	352.0	352.2	352.6	352.7	353.0	351.6	350.6	349.3	348.1	346.7
157.5°	349.0	349.4	349.7	349.9	350.1	350.4	349.3	348.5	347.4	346.6	345.5
160°	347.7	348.0	348.3	348.5	348.8	348.8	348.0	347.4	346.6	345.7	344.8
162.5°	348.0	348.6	348.9	349.3	349.6	350.0	349.0	348.2	347.2	346.3	345.2
165°	348.3	348.6	348.9	349.2	349.3	349.5	348.9	348.3	347.6	347.0	346.3
167.5°	350.4	350.8	351.0	351.3	351.4	351.6	350.9	350.4	349.6	349.0	348.2
170°	351.3	351.6	352.1	352.4	352.7	352.9	352.5	352.0	351.4	350.9	350.3
172.5°	353.7	354.0	354.2	354.5	354.7	355.0	354.5	353.9	353.4	352.7	352.1
175°	353.3	353.4	353.6	353.6	353.6	353.7	353.3	352.7	352.3	351.8	351.4
177.5°	354.5	354.5	354.5	354.4	354.4	354.4	354.1	353.8	353.5	353.2	352.7
180°	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8	26515.8
2.5°	26682.4	26670.8	26663.3	26653.8	26648.0	26640.6	26635.2	26630.6	26626.9	26623.5	26620.9
5°	27057.5	26997.9	26951.7	26901.6	26860.4	26819.3	26787.6	26761.4	26743.3	26729.7	26721.8
7.5°	27535.3	27426.1	27329.0	27226.9	27135.2	27045.1	26967.4	26900.5	26850.3	26817.8	26798.0
10°	27961.9	27815.7	27671.2	27519.1	27374.8	27234.8	27105.8	26992.2	26902.3	26842.5	26807.6
12.5°	28153.1	28028.6	27881.0	27715.8	27539.0	27360.1	27185.8	27028.6	26896.6	26808.1	26757.0
15°	27984.7	27933.6	27833.5	27705.2	27537.4	27352.5	27147.9	26955.4	26778.4	26663.6	26597.1
17.5°	27436.8	27508.2	27500.5	27451.5	27330.9	27175.2	26966.6	26750.5	26529.1	26375.7	26291.9
20°	26512.3	26736.6	26850.3	26908.7	26861.4	26760.4	26571.5	26352.3	26094.2	25893.9	25771.6
22.5°	25213.1	25609.0	25855.7	26036.2	26074.6	26040.2	25873.4	25664.8	25377.2	25136.4	24955.9
25°	23540.5	24120.5	24510.5	24816.3	24934.9	24965.6	24823.7	24616.3	24295.6	24015.1	23767.2
27.5°	21570.4	22324.2	22844.9	23255.6	23441.0	23521.4	23390.8	23179.2	22799.8	22465.0	22141.1
30°	19352.6	20246.8	20873.7	21366.3	21592.3	21698.4	21559.7	21323.5	20882.1	20479.2	20071.1
32.5°	16978.7	17957.3	18640.4	19175.3	19399.2	19499.2	19317.7	19052.3	18542.1	18067.5	17591.6
35°	14493.4	15481.1	16169.9	16690.6	16878.4	16938.6	16706.4	16399.7	15834.4	15313.5	14794.7
37.5°	11957.4	12876.4	13502.4	13969.7	14085.8	14096.2	13816.5	13477.8	12883.7	12370.0	11853.5
40°	9443.3	10218.3	10723.9	11097.8	11138.1	11102.1	10798.1	10457.2	9901.4	9441.2	8987.8
42.5°	7075.2	7660.2	8020.8	8277.1	8261.9	8190.9	7912.1	7619.1	7160.5	6809.9	6453.2
45°	5046.4	5432.2	5643.0	5793.0	5744.8	5677.1	5460.1	5254.8	4943.1	4716.7	4476.9
47.5°	3505.8	3966.4	3886.3	4179.5	3926.8	4093.7	3746.2	3554.6	3389.2	3269.0	3133.4
50°	2509.8	2615.4	2666.4	2701.2	2682.7	2657.0	2594.6	2538.8	2463.3	2408.2	2344.0
52.5°	1938.3	1991.1	2019.9	2040.9	2036.8	2027.4	2000.2	1975.3	1940.0	1916.7	1888.5
55°	1641.8	1642.6	1695.7	1672.9	1706.6	1667.2	1682.7	1638.9	1646.1	1608.4	1583.2
57.5°	1364.3	1386.0	1395.6	1405.0	1402.4	1400.8	1390.2	1385.0	1373.0	1369.4	1360.9
60°	1200.1	1211.4	1213.7	1218.1	1214.4	1213.0	1204.8	1201.8	1193.8	1192.4	1186.8
62.5°	1087.5	1093.3	1093.3	1093.3	1088.5	1084.1	1074.9	1070.0	1063.3	1061.8	1058.5
65°	993.6	999.5	1000.5	1001.7	998.3	994.8	986.7	981.6	974.6	971.9	968.1
67.5°	896.5	903.0	905.1	908.3	906.4	905.7	900.1	898.1	893.5	892.4	888.9
70°	820.3	823.0	822.8	822.7	818.4	814.6	808.2	805.2	800.3	799.3	796.2
72.5°	775.0	776.9	775.7	774.1	768.5	762.8	755.3	749.8	743.5	739.6	735.2
75°	711.2	713.8	712.2	711.0	706.1	702.4	696.3	693.3	688.8	687.6	684.5
77.5°	632.9	634.2	631.6	631.3	627.5	625.1	620.5	619.8	616.6	616.6	613.7
80°	545.8	545.1	541.0	540.2	536.4	535.4	531.8	532.0	529.5	530.5	528.5
82.5°	449.1	446.7	441.2	439.6	435.3	434.9	432.5	434.5	432.9	435.3	433.9
85°	321.9	322.5	320.2	320.2	318.8	319.2	319.0	320.6	320.8	322.9	322.8
87.5°	179.4	182.0	181.5	183.8	183.7	186.5	187.3	191.2	191.7	195.3	195.3
90°	81.9	84.4	81.9	84.6	83.5	87.1	86.8	90.2	89.4	92.3	90.7
92.5°	59.7	55.8	52.0	47.9	45.9	43.8	42.2	39.9	38.0	35.9	33.9
95°	75.1	68.4	61.8	55.1	52.8	50.4	48.1	45.9	43.6	41.4	39.0
97.5°	84.8	76.9	69.0	61.1	59.1	57.2	55.1	53.2	51.2	49.2	47.2
100°	115.4	100.7	86.2	71.3	69.6	68.0	66.3	64.7	63.0	61.2	59.5
102.5°	239.7	208.6	177.3	146.1	140.2	134.3	128.3	122.3	116.4	110.5	104.5
105°	453.2	402.6	352.1	301.5	285.4	269.4	253.3	237.1	221.1	205.0	188.9
107.5°	688.7	637.4	586.1	534.8	505.2	475.4	445.8	415.9	386.3	356.5	326.8
110°	821.0	783.6	746.1	708.5	684.8	660.9	636.9	613.0	589.2	565.1	541.1



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	843.2	816.5	789.6	762.7	752.0	741.1	730.4	719.5	708.6	697.6	686.8
115°	791.3	773.3	755.1	736.9	733.1	729.3	725.6	721.6	717.9	714.0	710.0
117.5°	708.0	697.8	687.7	677.5	678.1	678.9	679.5	680.1	680.6	681.1	681.6
120°	621.6	617.3	613.2	608.7	612.2	615.4	618.7	621.8	625.2	628.2	631.3
122.5°	550.9	549.2	547.7	545.9	550.0	553.9	557.9	561.8	565.6	569.3	573.0
125°	495.6	494.7	494.0	493.0	497.1	501.2	505.2	509.0	513.1	516.7	520.4
127.5°	458.7	458.5	458.4	458.1	461.2	463.9	466.9	469.5	472.4	474.8	477.4
130°	432.9	432.4	432.2	431.7	434.4	437.0	439.7	441.9	444.6	446.7	448.9
132.5°	416.5	415.9	415.5	414.9	416.9	418.7	420.8	422.3	424.1	425.4	426.9
135°	403.0	402.2	401.6	400.8	402.7	404.5	406.2	407.7	409.4	410.6	411.9
137.5°	391.5	390.8	390.1	389.4	391.1	392.7	394.2	395.5	396.8	398.2	399.2
140°	381.8	380.8	380.1	379.1	380.6	381.9	383.3	384.5	385.8	386.7	387.8
142.5°	372.4	371.0	370.0	368.6	369.6	370.6	371.6	372.5	373.5	374.2	374.8
145°	366.5	364.8	363.4	361.7	362.6	363.3	364.2	365.0	365.6	366.0	366.6
147.5°	360.9	359.3	357.7	356.2	357.0	357.5	358.0	358.4	359.0	359.3	359.6
150°	355.4	353.7	351.9	350.3	350.8	351.2	351.6	352.1	352.5	352.7	353.0
152.5°	349.1	347.6	346.0	344.4	344.7	345.0	345.3	345.6	345.9	346.1	346.3
155°	345.4	344.0	342.7	341.2	341.5	341.8	342.1	342.3	342.4	342.5	342.6
157.5°	344.5	343.2	342.4	341.0	341.1	341.1	341.3	341.0	341.1	340.9	340.8
160°	344.0	343.0	342.1	341.0	340.9	340.9	341.0	340.8	340.7	340.5	340.3
162.5°	344.2	343.1	342.0	340.7	340.7	340.7	340.7	340.5	340.5	340.2	340.1
165°	345.6	344.8	344.0	343.1	343.0	342.8	342.7	342.4	342.2	341.7	341.4
167.5°	347.5	346.7	345.9	345.0	345.1	345.1	345.1	344.9	344.9	344.6	344.6
170°	349.7	349.0	348.4	347.7	347.5	347.4	347.2	347.0	346.7	346.5	346.2
172.5°	351.4	350.8	350.1	349.3	349.3	349.2	349.0	348.9	348.7	348.5	348.4
175°	350.8	350.4	349.7	349.3	349.2	349.1	349.0	348.9	348.7	348.6	348.4
177.5°	352.4	352.1	351.6	351.3	351.2	351.2	351.1	351.0	351.0	350.9	350.8
180°	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	26515.8	26515.8
2.5°	26618.5	26617.1
5°	26717.5	26715.9
7.5°	26792.8	26792.3
10°	26801.6	26806.2
12.5°	26748.2	26751.9
15°	26592.0	26599.3
17.5°	26293.4	26303.0
20°	25779.0	25789.0
22.5°	24946.1	24950.2
25°	23735.1	23718.0
27.5°	22084.2	22054.6
30°	19985.5	19956.8
32.5°	17483.1	17465.3
35°	14666.4	14655.1
37.5°	11700.9	11678.0
40°	8822.0	8755.0
42.5°	6296.9	6179.3
45°	4351.7	4212.3
47.5°	3037.9	2951.7
50°	2302.6	2274.9
52.5°	1876.2	1869.8
55°	1583.1	1580.3
57.5°	1362.9	1361.8
60°	1189.8	1189.5
62.5°	1060.8	1061.3
65°	969.9	970.1
67.5°	889.8	889.2
70°	797.4	796.7
72.5°	733.6	732.6
75°	684.5	683.9
77.5°	614.6	613.5
80°	529.8	528.5
82.5°	435.8	434.3
85°	325.1	325.2
87.5°	198.9	198.8
90°	93.4	91.3
92.5°	32.2	30.4
95°	36.8	34.5
97.5°	45.3	43.3
100°	57.9	56.2
102.5°	98.7	92.7
105°	172.8	156.8
107.5°	297.0	267.4
110°	517.2	493.3



TEST NUMBER: P1444387  
CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	675.8	664.9
115°	705.9	702.0
117.5°	682.0	682.3
120°	634.2	637.2
122.5°	576.4	580.0
125°	523.9	527.4
127.5°	479.6	481.8
130°	450.6	452.6
132.5°	428.0	429.1
135°	412.8	413.8
137.5°	400.0	400.8
140°	388.4	389.1
142.5°	375.3	375.8
145°	366.9	367.2
147.5°	359.5	359.7
150°	353.0	353.2
152.5°	346.2	346.3
155°	342.5	342.5
157.5°	340.4	340.3
160°	340.0	339.8
162.5°	339.7	339.6
165°	340.9	340.5
167.5°	344.2	344.2
170°	345.9	345.7
172.5°	348.1	347.9
175°	348.3	348.2
177.5°	350.8	350.6
180°	352.7	352.7



TEST NUMBER: P1444387  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL24

**CIE UGR TABLE:**

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	16.14	17.20	16.64	17.68	18.19	14.52	15.58	15.02	16.06	16.57
	3H	17.69	18.63	18.21	19.13	19.69	16.95	17.89	17.47	18.39	18.95
	4H	18.48	19.36	19.02	19.87	20.45	18.06	18.94	18.60	19.45	20.03
	6H	19.25	20.06	19.80	20.58	21.17	19.10	19.91	19.66	20.44	21.03
	8H	19.56	20.33	20.13	20.87	21.47	19.54	20.31	20.11	20.85	21.45
	12H	19.81	20.54	20.38	21.08	21.70	19.89	20.63	20.47	21.16	21.78
4H	2H	16.52	17.40	17.06	17.91	18.48	15.23	16.11	15.77	16.62	17.20
	3H	18.39	19.12	18.94	19.67	20.27	17.85	18.58	18.40	19.14	19.73
	4H	19.39	20.05	19.96	20.61	21.24	19.11	19.76	19.68	20.33	20.96
	6H	20.35	20.91	20.94	21.50	22.15	20.29	20.86	20.89	21.45	22.10
	8H	20.73	21.26	21.33	21.85	22.50	20.79	21.32	21.39	21.90	22.56
	12H	21.04	21.51	21.66	22.13	22.79	21.20	21.67	21.82	22.29	22.94
8H	4H	19.77	20.29	20.37	20.88	21.54	19.52	20.05	20.12	20.64	21.29
	6H	20.92	21.35	21.56	21.99	22.65	20.87	21.30	21.50	21.94	22.60
	8H	21.43	21.82	22.08	22.46	23.14	21.47	21.86	22.12	22.50	23.18
	12H	21.86	22.20	22.51	22.83	23.57	22.00	22.34	22.64	22.96	23.71
12H	4H	19.81	20.28	20.43	20.90	21.56	19.58	20.04	20.20	20.66	21.32
	6H	21.03	21.42	21.69	22.07	22.74	20.98	21.37	21.64	22.02	22.69
	8H	21.62	21.96	22.27	22.59	23.34	21.65	21.99	22.30	22.62	23.37

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-1

Test Date: 07/30/2025

Luminaire Tested: EHBR-60-L840-N

Data in this report applies to families of products including EHBR-60-L840-N

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2506-472-1  
 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-L840-N**  
 Description: Elevate Round Highbay at, 60000 lumens, 4000K 80CRI LEDs with N lens

**Spectral Parameters**

CCT (K): 3898  
 CIE u': 0.2263  
 CIE v': 0.5052  
 Duv: 0.0013  
 CIE x: 0.3861  
 CIE y: 0.3831  
 CIE z: 0.2308  
 Peak Wavelength (nm): 630  
 Dominant Wavelength (nm): 578  
 Purity: 30.85729  
 Rf: 80.7  
 Rg: 102.1

CRI (Ra):	82.1		
R1:	84.4	R9:	38.5
R2:	83.5	R10:	58.9
R3:	80.8	R11:	83.6
R4:	83.9	R12:	54.2
R5:	82.1	R13:	82.8
R6:	77.3	R14:	88.2
R7:	86.4	R15:	81.2
R8:	78.3		



**Test Conditions**

Stabilization Time: 42M  
 Operation Time: 1H 42M  
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2506-472-1

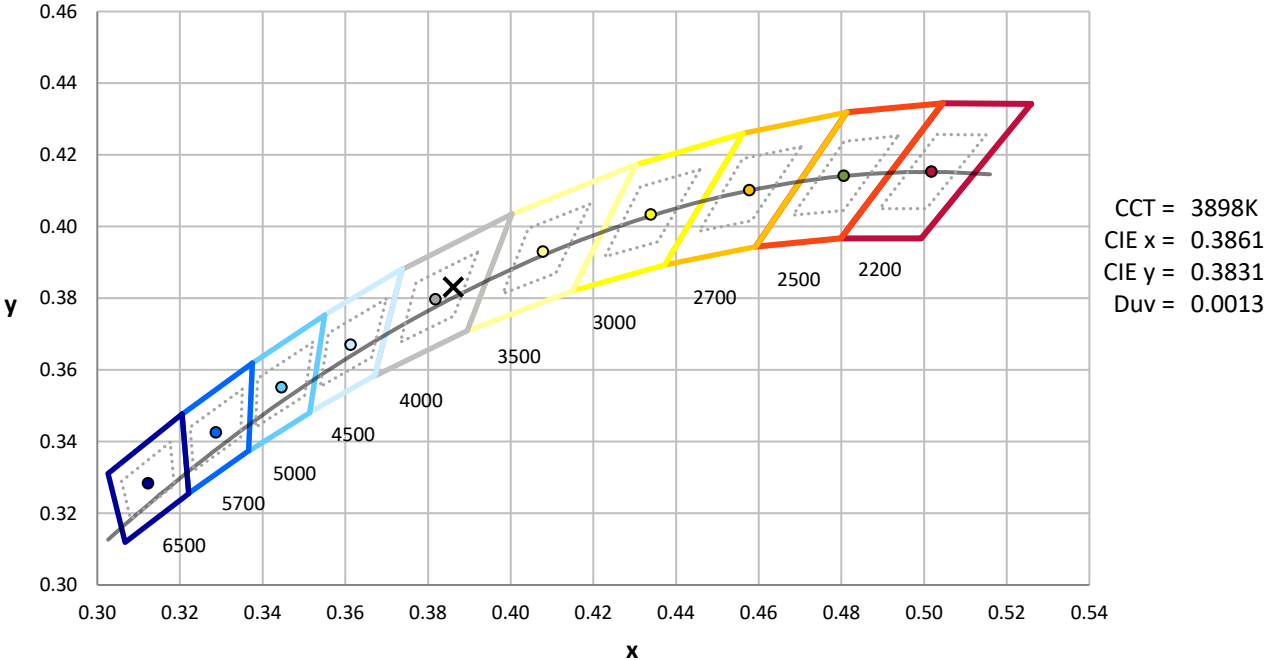
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208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

REPORT NUMBER: SP1-2506-472-1

**CIE 1931 Chromaticity Diagram**



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



CCT = 3898K  
 CIE x = 0.3861  
 CIE y = 0.3831  
 Duv = 0.0013

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-1

**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	60	NR	620	277	NR	750	6	NR	880	0	NR
365	0	NR	495	87	NR	625	278	NR	755	5	NR	885	0	NR
370	0	NR	500	124	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	168	NR	635	623	NR	765	4	NR	895	0	NR
380	1	NR	510	209	NR	640	162	NR	770	3	NR	900	0	NR
385	1	NR	515	246	NR	645	158	NR	775	3	NR	905	0	NR
390	2	NR	520	273	NR	650	134	NR	780	2	NR	910	0	NR
395	4	NR	525	292	NR	655	109	NR	785	2	NR	915	0	NR
400	5	NR	530	305	NR	660	91	NR	790	2	NR	920	0	NR
405	7	NR	535	313	NR	665	75	NR	795	2	NR	925	0	NR
410	11	NR	540	319	NR	670	70	NR	800	1	NR	930	0	NR
415	21	NR	545	323	NR	675	56	NR	805	1	NR	935	0	NR
420	42	NR	550	326	NR	680	47	NR	810	1	NR	940	0	NR
425	76	NR	555	330	NR	685	41	NR	815	1	NR	945	0	NR
430	125	NR	560	333	NR	690	35	NR	820	1	NR	950	0	NR
435	193	NR	565	336	NR	695	30	NR	825	1	NR	955	0	NR
440	302	NR	570	336	NR	700	26	NR	830	1	NR	960	0	NR
445	432	NR	575	335	NR	705	22	NR	835	1	NR	965	0	NR
450	380	NR	580	332	NR	710	19	NR	840	0	NR	970	0	NR
455	213	NR	585	326	NR	715	16	NR	845	0	NR	975	0	NR
460	147	NR	590	319	NR	720	14	NR	850	0	NR	980	0	NR
465	104	NR	595	307	NR	725	12	NR	855	0	NR	985	0	NR
470	65	NR	600	299	NR	730	10	NR	860	0	NR	990	0	NR
475	50	NR	605	291	NR	735	9	NR	865	0	NR	995	0	NR
480	46	NR	610	317	NR	740	8	NR	870	0	NR	1000	0	NR
485	47	NR	615	336	NR	745	7	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-1

**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.55**

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	60	NR	620	277	NR	750	6	NR	880	0	NR
365	0	NR	495	87	NR	625	278	NR	755	5	NR	885	0	NR
370	0	NR	500	124	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	168	NR	635	623	NR	765	4	NR	895	0	NR
380	1	NR	510	209	NR	640	162	NR	770	3	NR	900	0	NR
385	1	NR	515	246	NR	645	158	NR	775	3	NR	905	0	NR
390	2	NR	520	273	NR	650	134	NR	780	2	NR	910	0	NR
395	4	NR	525	292	NR	655	109	NR	785	2	NR	915	0	NR
400	5	NR	530	305	NR	660	91	NR	790	2	NR	920	0	NR
405	7	NR	535	313	NR	665	75	NR	795	2	NR	925	0	NR
410	11	NR	540	319	NR	670	70	NR	800	1	NR	930	0	NR
415	21	NR	545	323	NR	675	56	NR	805	1	NR	935	0	NR
420	42	NR	550	326	NR	680	47	NR	810	1	NR	940	0	NR
425	76	NR	555	330	NR	685	41	NR	815	1	NR	945	0	NR
430	125	NR	560	333	NR	690	35	NR	820	1	NR	950	0	NR
435	193	NR	565	336	NR	695	30	NR	825	1	NR	955	0	NR
440	302	NR	570	336	NR	700	26	NR	830	1	NR	960	0	NR
445	432	NR	575	335	NR	705	22	NR	835	1	NR	965	0	NR
450	380	NR	580	332	NR	710	19	NR	840	0	NR	970	0	NR
455	213	NR	585	326	NR	715	16	NR	845	0	NR	975	0	NR
460	147	NR	590	319	NR	720	14	NR	850	0	NR	980	0	NR
465	104	NR	595	307	NR	725	12	NR	855	0	NR	985	0	NR
470	65	NR	600	299	NR	730	10	NR	860	0	NR	990	0	NR
475	50	NR	605	291	NR	735	9	NR	865	0	NR	995	0	NR
480	46	NR	610	317	NR	740	8	NR	870	0	NR	1000	0	NR
485	47	NR	615	336	NR	745	7	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-1

**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: NR**

**M/P: 2.99**

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	60	NR	620	277	NR	750	6	NR	880	0	NR
365	0	NR	495	87	NR	625	278	NR	755	5	NR	885	0	NR
370	0	NR	500	124	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	168	NR	635	623	NR	765	4	NR	895	0	NR
380	1	NR	510	209	NR	640	162	NR	770	3	NR	900	0	NR
385	1	NR	515	246	NR	645	158	NR	775	3	NR	905	0	NR
390	2	NR	520	273	NR	650	134	NR	780	2	NR	910	0	NR
395	4	NR	525	292	NR	655	109	NR	785	2	NR	915	0	NR
400	5	NR	530	305	NR	660	91	NR	790	2	NR	920	0	NR
405	7	NR	535	313	NR	665	75	NR	795	2	NR	925	0	NR
410	11	NR	540	319	NR	670	70	NR	800	1	NR	930	0	NR
415	21	NR	545	323	NR	675	56	NR	805	1	NR	935	0	NR
420	42	NR	550	326	NR	680	47	NR	810	1	NR	940	0	NR
425	76	NR	555	330	NR	685	41	NR	815	1	NR	945	0	NR
430	125	NR	560	333	NR	690	35	NR	820	1	NR	950	0	NR
435	193	NR	565	336	NR	695	30	NR	825	1	NR	955	0	NR
440	302	NR	570	336	NR	700	26	NR	830	1	NR	960	0	NR
445	432	NR	575	335	NR	705	22	NR	835	1	NR	965	0	NR
450	380	NR	580	332	NR	710	19	NR	840	0	NR	970	0	NR
455	213	NR	585	326	NR	715	16	NR	845	0	NR	975	0	NR
460	147	NR	590	319	NR	720	14	NR	850	0	NR	980	0	NR
465	104	NR	595	307	NR	725	12	NR	855	0	NR	985	0	NR
470	65	NR	600	299	NR	730	10	NR	860	0	NR	990	0	NR
475	50	NR	605	291	NR	735	9	NR	865	0	NR	995	0	NR
480	46	NR	610	317	NR	740	8	NR	870	0	NR	1000	0	NR
485	47	NR	615	336	NR	745	7	NR	875	0	NR			

**Summary**

$R_f = 80.7$   
 $R_g = 102.1$   
 CIE  $R_a = 82.1$   
 $R_9 = 38.5$



**Color Vector Graphics**



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

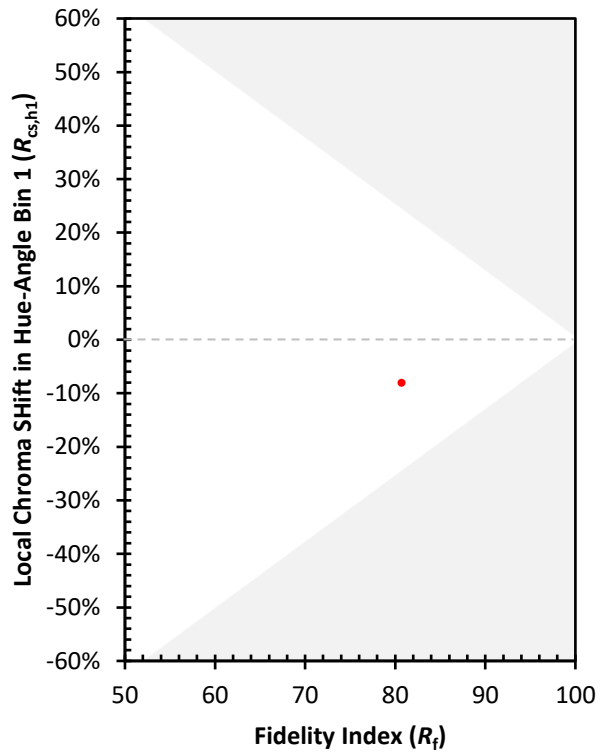
CES01 = 85	CES26 = 69	CES51 = 90	CES76 = 58
CES02 = 61	CES27 = 89	CES52 = 90	CES77 = 76
CES03 = 31	CES28 = 83	CES53 = 80	CES78 = 60
CES04 = 69	CES29 = 66	CES54 = 91	CES79 = 85
CES05 = 48	CES30 = 76	CES55 = 89	CES80 = 79
CES06 = 50	CES31 = 69	CES56 = 79	CES81 = 81
CES07 = 41	CES32 = 62	CES57 = 77	CES82 = 91
CES08 = 40	CES33 = 74	CES58 = 79	CES83 = 88
CES09 = 29	CES34 = 72	CES59 = 93	CES84 = 89
CES10 = 74	CES35 = 84	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 92	CES86 = 82
CES12 = 63	CES37 = 77	CES62 = 89	CES87 = 81
CES13 = 43	CES38 = 83	CES63 = 80	CES88 = 86
CES14 = 74	CES39 = 94	CES64 = 80	CES89 = 79
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 85
CES16 = 47	CES41 = 89	CES66 = 74	CES91 = 83
CES17 = 49	CES42 = 74	CES67 = 72	CES92 = 77
CES18 = 56	CES43 = 73	CES68 = 78	CES93 = 86
CES19 = 71	CES44 = 98	CES69 = 83	CES94 = 69
CES20 = 65	CES45 = 82	CES70 = 69	CES95 = 80
CES21 = 86	CES46 = 82	CES71 = 64	CES96 = 86
CES22 = 78	CES47 = 80	CES72 = 88	CES97 = 83
CES23 = 91	CES48 = 79	CES73 = 60	CES98 = 81
CES24 = 90	CES49 = 80	CES74 = 98	CES99 = 83
CES25 = 71	CES50 = 89	CES75 = 62	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)