

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: P1444390

Luminaire Tested: EHBR1-30-UNV-TA-L840-UPL40

Issue Date: 5/1/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1444390  
REPORT IS A COMBINATION OF REPORTS P1444357 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-UPL40  
Description: Elevate Round Highbay at, 30000 lumens, 4000K 80CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

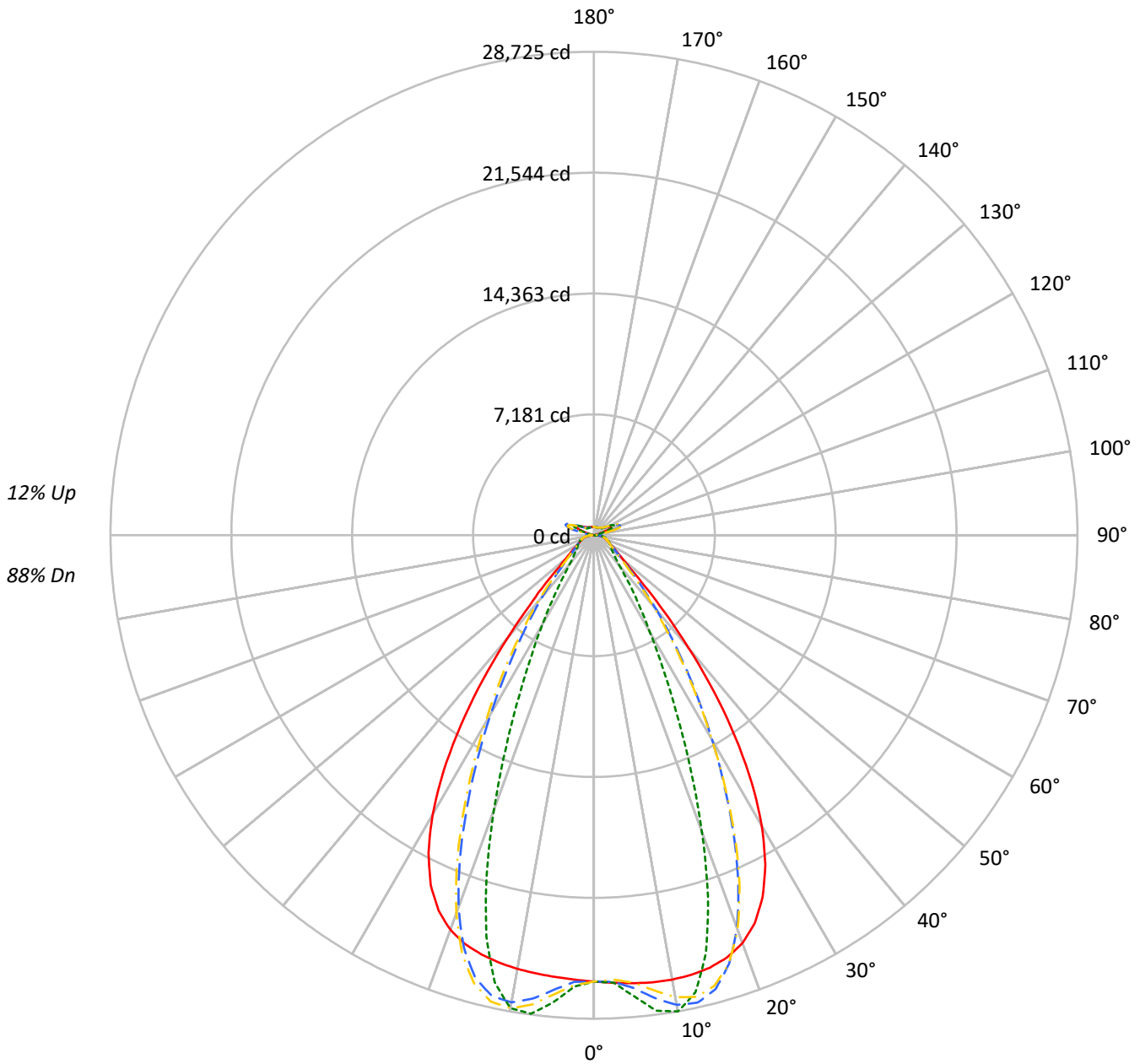
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 34612.7 lumens  
Efficiency: N/A  
Efficacy: 181.8 lumens/watt  
Spacing Criteria (0/90/45): 1.13 / 0.77 / 0.88  
Luminous Opening: Vertical Cylinder (Dia: 1.71' x H: 0.1')  
CIE Type: Semi-Direct

Input Watts (W): 190.4  
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: P1444390  
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### Luminous Intensity Polar Plot



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



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

RF	20				20				20				20				20				
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	116	116	116	116	112	112	112	112	105	105	105	98	98	98	91	91	91	88			88
1	109	106	102	100	105	102	99	97	96	94	92	90	88	87	85	84	82				80
2	102	96	91	87	99	93	89	85	88	85	82	83	80	78	79	77	75				72
3	96	88	82	77	93	86	80	76	81	77	73	77	74	71	73	71	68				66
4	90	81	75	70	87	79	73	69	75	70	66	72	68	64	69	65	62				60
5	85	75	68	63	82	73	67	62	70	65	61	67	63	59	64	61	58				56
6	80	70	63	58	77	68	62	57	65	60	56	63	58	54	60	56	53				51
7	75	65	58	53	73	63	57	53	61	56	52	59	54	50	57	53	49				48
8	71	61	54	49	69	59	53	49	57	52	48	55	50	47	53	49	46				44
9	67	57	50	46	66	56	50	45	54	48	45	52	47	44	50	46	43				41
10	64	53	47	43	62	52	46	42	51	45	42	49	44	41	48	43	40				39

**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



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	2613.2	7.5
10°-20°	7351.2	21.2
20°-30°	8372.4	24.2
30°-40°	6017.7	17.4
40°-50°	2775.4	8.0
50°-60°	1328.1	3.8
60°-70°	969.1	2.8
70°-80°	736.2	2.1
80°-90°	341.8	1.0
90°-100°	113.9	0.3
100°-110°	690.1	2.0
110°-120°	1275.6	3.7
120°-130°	771.1	2.2
130°-140°	483.6	1.4
140°-150°	349.1	1.0
150°-160°	237.1	0.7
160°-170°	139.9	0.4
170°-180°	47.3	0.1
0°-30°	18336.8	53.0
0°-40°	24354.5	70.4
0°-60°	28458.0	82.2
0°-90°	30505.1	88.1
90°-120°	2079.5	6.0
90°-150°	3683.4	10.6
90°-180°	4108.0	11.9
0°-180°	34612.7	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°	102	125	39	45	102	61
95°	52	59	52	59	52	50
105°	245	319	163	319	245	326
115°	1109	1352	1162	1353	1109	1023
125°	821	874	931	875	821	748
135°	628	568	677	571	628	490
145°	543	537	580	541	543	343
155°	496	503	531	507	496	231
165°	485	488	504	490	485	138
175°	491	497	500	497	491	47
180°	497	497	497	497	497	



TEST NUMBER: P1444390  
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**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°	101.8	107.6	110.3	116.9	119.6	125.5	127.8	134.4	137.1	143.9	148.3
92.5°	45.7	48.8	51.9	55.4	58.5	62.3	65.7	69.0	72.2	75.9	82.2
95°	52.4	56.0	59.6	63.3	66.9	70.4	74.1	77.7	81.3	85.0	95.5
97.5°	66.0	69.1	72.2	75.4	78.5	81.7	84.9	88.0	91.1	94.1	106.8
100°	86.2	88.8	91.5	94.1	96.8	99.5	102.1	104.7	107.5	110.1	133.4
102.5°	143.9	153.3	162.8	172.1	181.5	190.9	200.4	209.7	219.2	228.5	278.1
105°	245.2	270.7	296.4	321.9	347.5	373.1	398.8	424.1	449.7	475.2	556.0
107.5°	420.7	467.9	515.2	562.6	609.9	657.2	704.5	751.8	799.1	846.2	928.2
110°	779.5	817.4	855.5	893.7	931.7	969.9	1007.9	1045.8	1084.0	1121.9	1181.7



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**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	1051.6	1068.7	1086.1	1103.3	1120.6	1137.7	1155.0	1172.2	1189.5	1206.7	1249.4
115°	1108.8	1114.8	1121.1	1127.2	1133.3	1139.4	1145.4	1151.4	1157.5	1163.4	1192.4
117.5°	1075.4	1074.5	1073.6	1072.6	1071.5	1070.4	1069.4	1068.2	1067.1	1066.0	1082.4
120°	1001.0	995.9	990.8	985.5	980.3	975.1	970.0	964.6	959.3	953.8	961.0
122.5°	907.5	901.2	895.3	888.9	882.8	876.3	870.2	863.5	857.3	850.9	853.8
125°	820.7	814.5	808.4	802.1	795.7	789.3	782.9	776.4	770.0	763.4	765.1
127.5°	745.1	740.9	736.6	732.0	727.6	723.0	718.5	713.9	709.3	704.5	705.1
130°	695.8	692.1	688.2	684.1	680.2	675.9	671.8	667.6	663.5	659.1	660.0
132.5°	655.2	652.6	650.0	647.2	644.3	641.1	638.3	635.0	632.1	629.0	630.0
135°	627.8	625.3	623.0	620.2	617.6	614.8	612.0	608.9	606.1	603.2	604.6
137.5°	604.3	602.2	600.0	597.5	595.1	592.3	589.9	587.1	584.5	581.7	583.1
140°	582.8	580.9	578.9	576.6	574.5	572.1	569.7	567.4	564.8	562.3	563.9
142.5°	558.9	557.3	555.9	554.1	552.5	550.5	548.7	546.7	544.9	542.7	544.9
145°	543.0	541.8	540.6	539.2	537.7	536.0	534.5	532.7	531.1	529.4	531.6
147.5°	529.1	528.1	527.2	526.2	525.1	523.6	522.3	520.8	519.6	518.2	520.4
150°	516.9	516.0	515.2	514.2	513.0	511.7	510.4	509.2	507.9	506.5	508.7
152.5°	504.3	503.3	502.5	501.5	500.4	499.0	498.0	496.7	495.5	494.2	496.1
155°	496.4	495.4	494.4	493.5	492.4	491.3	490.1	489.0	487.9	486.5	488.3
157.5°	491.1	490.3	489.6	488.7	488.1	487.1	486.2	485.3	484.4	483.6	484.8
160°	488.2	487.4	486.6	485.8	485.1	484.1	483.4	482.5	481.8	480.9	481.9
162.5°	485.5	484.7	483.9	483.1	482.4	481.5	480.7	480.0	479.2	478.3	479.5
165°	484.8	484.4	483.9	483.4	483.0	482.5	482.0	481.4	480.9	480.3	481.1
167.5°	488.5	487.8	487.1	486.4	485.7	485.1	484.3	483.6	483.0	482.2	483.0
170°	489.2	488.7	488.5	488.2	487.8	487.3	487.0	486.6	486.2	485.8	486.5
172.5°	491.4	491.0	490.8	490.6	490.2	490.0	489.7	489.4	489.2	488.8	489.7
175°	490.9	490.6	490.5	490.3	490.2	490.0	489.9	489.7	489.7	489.4	489.9
177.5°	494.1	494.0	494.0	493.9	493.9	493.8	493.7	493.5	493.4	493.4	493.8
180°	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0



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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	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°	156.5	161.3	169.3	171.9	178.2	180.3	155.5	155.0	150.2	149.3	143.6
92.5°	88.9	95.2	101.8	108.2	114.7	121.3	124.6	130.1	123.6	116.6	110.3
95°	106.1	116.7	127.3	138.0	148.6	159.2	169.9	180.5	170.6	160.6	150.7
97.5°	119.3	131.9	144.3	156.9	169.4	182.0	194.5	207.1	196.6	185.7	175.1
100°	156.9	180.3	203.7	227.2	250.5	273.9	297.5	320.9	300.3	279.6	259.0
102.5°	327.7	377.6	427.2	476.9	526.5	576.3	626.2	675.9	628.7	581.4	534.2
105°	636.5	717.1	797.7	878.0	958.7	1039.3	1120.1	1200.7	1125.2	1049.8	974.3
107.5°	1009.8	1091.6	1173.3	1254.9	1336.7	1418.5	1500.6	1582.4	1508.8	1435.0	1361.4
110°	1241.5	1301.0	1360.7	1420.4	1480.0	1539.7	1600.0	1659.7	1615.6	1571.3	1527.2



TEST NUMBER: P1444390  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL40

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	1292.0	1334.9	1377.6	1420.2	1462.7	1505.5	1549.1	1592.0	1569.8	1547.6	1525.6
115°	1221.1	1250.2	1278.9	1307.7	1336.6	1365.4	1395.1	1424.3	1417.3	1410.4	1403.4
117.5°	1098.5	1114.8	1131.1	1147.2	1163.3	1179.5	1197.2	1213.5	1214.8	1216.2	1217.8
120°	967.9	975.0	981.9	988.8	995.6	1002.5	1011.1	1018.4	1024.5	1030.6	1036.8
122.5°	856.5	859.4	862.0	864.8	867.4	870.3	874.8	878.0	882.4	886.8	891.1
125°	766.5	768.1	769.5	771.0	772.3	773.8	777.4	779.3	779.9	780.3	780.8
127.5°	705.6	706.1	706.5	707.0	707.3	707.8	710.5	711.4	709.3	707.0	704.7
130°	661.0	661.8	662.6	663.5	664.4	665.3	668.7	670.2	665.9	661.7	657.5
132.5°	631.0	632.2	633.1	634.5	635.5	636.5	640.3	642.0	637.2	632.1	627.3
135°	605.7	607.1	608.4	609.7	610.9	612.5	616.7	618.7	614.2	609.3	604.6
137.5°	584.2	585.6	586.8	588.4	589.7	591.1	595.6	597.7	594.2	590.3	586.7
140°	565.5	567.1	568.7	570.3	571.9	573.7	578.7	581.1	578.3	575.3	572.4
142.5°	546.8	549.0	551.1	553.3	555.5	557.8	563.6	566.7	564.6	562.3	560.3
145°	533.9	536.5	538.8	541.4	543.9	546.5	552.9	556.4	555.2	553.8	552.5
147.5°	522.3	524.7	526.9	529.1	531.4	534.1	540.6	544.0	543.3	542.4	541.7
150°	510.8	513.2	515.4	517.7	520.2	522.8	530.0	533.7	533.1	532.3	531.6
152.5°	498.2	500.3	502.3	504.5	506.6	508.9	517.4	520.9	520.5	519.7	519.2
155°	489.8	491.4	492.9	494.7	496.3	498.3	507.0	510.4	510.0	509.7	509.4
157.5°	485.9	486.9	488.1	489.4	490.7	491.9	500.7	504.0	503.6	503.3	503.0
160°	482.8	483.7	484.5	485.6	486.5	487.5	496.5	499.5	499.3	498.8	498.5
162.5°	480.7	482.0	483.1	484.3	485.5	486.8	495.9	499.4	498.7	498.1	497.6
165°	481.9	482.6	483.3	484.1	484.8	485.7	494.0	496.7	496.5	496.1	495.8
167.5°	483.7	484.6	485.4	486.3	487.1	488.2	495.9	498.5	498.3	497.9	497.7
170°	487.0	487.9	488.5	489.3	490.0	490.9	497.2	499.5	499.2	498.4	498.0
172.5°	490.4	491.3	492.0	492.8	493.5	494.4	500.0	502.0	501.7	501.2	500.7
175°	490.5	491.0	491.6	492.4	493.0	493.6	497.9	499.5	499.4	499.2	499.0
177.5°	494.3	494.6	495.1	495.6	496.1	496.5	499.3	500.3	500.2	500.2	500.1
180°	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0



TEST NUMBER: P1444390  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL40

**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°	141.5	135.8	135.4	132.0	133.1	129.8	131.1	127.6	129.7	128.2	131.3
92.5°	103.1	96.6	89.5	82.9	76.0	69.6	66.1	63.3	59.8	57.1	53.5
95°	140.9	130.9	121.0	111.1	101.2	91.3	87.7	84.0	80.4	76.8	73.3
97.5°	164.5	153.8	143.2	132.5	121.8	111.2	108.8	106.3	103.9	101.5	99.1
100°	238.4	217.8	197.4	176.7	156.2	135.6	133.7	131.8	129.9	127.9	125.9
102.5°	487.0	439.9	392.8	345.6	298.5	251.3	243.2	234.9	226.7	218.4	210.3
105°	898.7	823.2	747.8	672.3	596.9	521.5	499.0	476.3	453.8	431.3	408.9
107.5°	1287.8	1214.2	1140.7	1067.1	993.6	920.0	884.4	848.9	813.2	777.6	742.2
110°	1482.8	1438.6	1394.5	1350.3	1306.3	1262.2	1228.2	1194.4	1160.4	1126.4	1092.5



TEST NUMBER: P1444390  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL40

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	1503.5	1481.4	1459.4	1437.4	1415.5	1393.4	1376.9	1360.3	1343.9	1327.3	1310.7
115°	1396.4	1389.5	1382.5	1375.7	1368.9	1361.9	1360.7	1359.8	1358.5	1357.5	1356.4
117.5°	1219.1	1220.6	1221.9	1223.5	1225.0	1226.5	1235.4	1244.2	1253.2	1262.3	1271.2
120°	1042.9	1049.2	1055.2	1061.5	1067.6	1074.0	1085.8	1097.8	1109.7	1121.9	1134.1
122.5°	895.4	899.8	904.1	908.6	913.0	917.5	929.2	941.1	952.9	964.9	977.2
125°	781.0	781.4	781.9	782.2	782.6	783.2	792.9	802.8	812.6	822.7	832.6
127.5°	702.4	699.9	697.6	695.4	692.9	690.8	696.6	702.5	708.3	714.4	720.3
130°	653.1	648.8	644.4	640.2	635.8	631.5	634.0	636.4	638.8	641.3	643.9
132.5°	622.1	617.2	612.1	607.0	602.0	596.9	597.0	597.2	597.3	597.6	598.0
135°	599.9	595.2	590.3	585.4	580.6	575.9	574.8	573.6	572.7	571.7	570.8
137.5°	582.9	579.1	575.3	571.7	567.7	563.9	562.2	560.8	559.1	557.9	556.3
140°	569.4	566.5	563.3	560.3	557.4	554.4	552.9	551.7	550.5	549.4	548.2
142.5°	558.0	555.9	553.6	551.5	549.2	547.1	545.8	544.6	543.3	542.2	541.0
145°	551.1	549.7	548.3	546.9	545.6	544.3	543.1	542.2	541.3	540.5	539.8
147.5°	541.0	540.1	539.3	538.5	537.5	536.7	536.1	535.7	534.9	534.5	533.9
150°	530.8	530.0	529.2	528.7	527.7	527.0	526.6	526.4	526.0	525.9	525.7
152.5°	518.3	517.7	516.9	516.3	515.4	514.8	514.5	514.4	514.1	514.0	513.6
155°	508.9	508.5	508.0	507.6	507.0	506.7	506.2	505.7	505.4	505.0	504.5
157.5°	502.6	502.3	501.8	501.5	500.9	500.5	500.1	499.7	499.2	498.8	498.4
160°	498.1	497.8	497.3	497.0	496.6	496.2	495.5	494.9	494.2	493.7	492.9
162.5°	496.9	496.3	495.7	495.1	494.4	493.9	493.4	493.0	492.6	492.2	491.7
165°	495.4	495.0	494.6	494.2	494.0	493.6	492.9	492.3	491.6	491.1	490.3
167.5°	497.3	497.0	496.6	496.3	495.8	495.5	495.0	494.3	493.7	493.0	492.3
170°	497.6	496.9	496.5	495.9	495.3	494.8	494.3	493.6	493.0	492.5	491.8
172.5°	500.3	499.9	499.5	499.1	498.3	497.9	497.5	496.9	496.4	495.8	495.4
175°	498.8	498.7	498.6	498.3	498.2	498.0	497.8	497.7	497.5	497.4	497.1
177.5°	500.1	500.0	500.0	499.8	499.7	499.7	499.4	499.1	498.7	498.4	498.1
180°	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0



TEST NUMBER: P1444390  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL40

**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°	128.8	130.5	126.1	125.3	124.0	126.3	122.8	122.9	116.9	115.9	110.9
92.5°	50.6	47.1	44.1	40.9	44.5	47.2	50.8	53.5	57.0	59.8	63.3
95°	69.6	66.0	62.4	58.7	61.6	64.5	67.4	70.3	73.2	76.1	79.0
97.5°	96.7	94.2	91.8	89.4	91.1	92.8	94.4	96.2	97.9	99.6	101.3
100°	124.0	122.1	120.2	118.3	118.3	118.3	118.3	118.3	118.3	118.3	118.3
102.5°	202.0	193.8	185.6	177.4	182.9	188.5	194.0	199.6	205.2	210.8	216.3
105°	386.4	363.9	341.5	319.0	340.7	362.5	384.2	406.0	427.7	449.7	471.4
107.5°	706.6	671.1	635.6	600.1	639.8	679.4	719.0	758.7	798.2	837.9	877.7
110°	1058.7	1024.9	991.1	957.3	999.4	1041.4	1083.5	1125.4	1167.6	1209.6	1251.9



TEST NUMBER: P1444390  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL40

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	1294.2	1277.9	1261.5	1245.0	1272.0	1299.1	1326.1	1353.4	1380.5	1407.7	1434.7
115°	1355.4	1354.4	1353.5	1352.5	1365.3	1378.1	1390.9	1403.8	1416.6	1429.5	1442.5
117.5°	1280.2	1289.3	1298.5	1307.7	1311.8	1315.9	1320.1	1324.2	1328.6	1332.8	1337.0
120°	1146.3	1158.3	1170.6	1183.0	1181.2	1179.5	1178.0	1176.3	1174.9	1173.3	1172.1
122.5°	989.3	1001.4	1013.7	1026.0	1022.3	1018.7	1015.2	1011.6	1008.3	1004.8	1001.4
125°	842.9	853.0	863.3	873.6	870.0	866.3	862.8	859.5	856.0	852.6	849.5
127.5°	726.7	733.0	739.2	745.7	743.9	742.2	740.9	739.3	737.9	736.6	735.5
130°	646.7	649.5	652.5	655.4	656.0	656.5	657.1	657.8	658.7	659.5	660.5
132.5°	598.6	599.1	599.9	600.7	602.6	604.5	606.7	608.8	611.3	613.5	616.3
135°	570.1	569.5	568.9	568.5	571.4	574.2	577.2	580.4	583.8	587.2	590.7
137.5°	555.3	554.0	553.1	552.0	554.9	557.8	560.9	564.0	567.3	570.7	574.2
140°	547.2	546.3	545.6	544.7	547.6	550.4	553.4	556.6	559.9	563.3	566.8
142.5°	540.1	539.2	538.5	537.8	540.2	542.9	545.9	548.6	551.7	554.5	557.8
145°	539.0	538.3	537.8	537.3	539.1	541.0	543.1	545.3	547.5	549.6	552.2
147.5°	533.5	533.1	532.9	532.6	534.0	535.4	536.9	538.3	540.1	541.7	543.5
150°	525.7	525.4	525.4	525.4	526.3	527.1	528.2	529.0	530.2	531.2	532.7
152.5°	513.7	513.4	513.6	513.5	514.3	515.2	516.2	517.0	518.1	519.0	520.2
155°	504.3	504.0	503.7	503.4	503.7	504.0	504.4	504.7	505.3	505.7	506.2
157.5°	498.2	497.8	497.6	497.2	497.2	497.2	497.3	497.4	497.6	497.6	497.8
160°	492.5	491.9	491.3	490.8	491.1	491.2	491.5	491.6	492.0	492.3	492.6
162.5°	491.4	491.0	490.8	490.4	490.2	489.8	489.6	489.2	489.0	488.8	488.7
165°	489.7	489.1	488.5	487.9	487.9	487.9	487.8	487.6	487.8	487.6	487.8
167.5°	491.8	491.1	490.5	489.9	489.5	488.9	488.6	488.1	487.5	487.1	486.9
170°	491.3	490.7	490.2	489.7	489.5	489.2	489.1	488.9	488.8	488.7	488.7
172.5°	494.9	494.4	493.9	493.5	493.3	493.1	493.0	492.9	492.8	492.8	492.7
175°	497.0	496.8	496.7	496.6	496.3	496.0	495.7	495.5	495.2	494.9	494.7
177.5°	497.7	497.4	497.1	496.9	496.8	496.8	496.8	496.8	496.8	496.7	496.6
180°	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0



TEST NUMBER: P1444390  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL40

**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°	111.3	107.0	108.9	107.1	109.9	108.7	112.5	112.6	116.8	116.9	121.5
92.5°	66.1	69.2	75.0	81.0	86.7	92.4	98.2	104.2	109.9	115.8	121.5
95°	81.8	84.8	92.5	100.2	108.0	115.7	123.5	131.3	139.0	146.7	154.5
97.5°	103.0	104.7	112.5	120.2	127.9	135.7	143.4	151.4	159.1	166.8	174.6
100°	118.3	118.4	140.4	162.3	184.2	206.3	228.3	250.3	272.4	294.4	316.4
102.5°	221.9	227.4	283.0	338.6	394.2	449.8	505.4	561.1	616.7	672.4	728.1
105°	493.2	515.0	599.7	684.7	769.5	854.4	939.3	1024.3	1109.2	1194.2	1279.0
107.5°	917.3	957.0	1033.7	1110.4	1187.0	1263.8	1340.5	1417.1	1493.8	1570.6	1647.5
110°	1293.8	1336.0	1387.4	1438.7	1490.2	1541.4	1592.9	1644.3	1695.8	1747.2	1798.7



TEST NUMBER: P1444390  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL40

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	1461.8	1489.1	1518.9	1548.9	1578.9	1608.9	1638.7	1668.7	1698.9	1728.9	1759.0
115°	1455.5	1468.4	1479.9	1491.6	1503.2	1514.9	1526.6	1538.4	1550.3	1562.0	1573.9
117.5°	1341.3	1345.8	1347.4	1349.3	1351.1	1353.1	1355.0	1356.9	1358.9	1361.0	1362.9
120°	1170.5	1169.1	1167.1	1165.1	1163.1	1161.3	1159.4	1157.6	1155.9	1154.2	1152.3
122.5°	998.1	995.0	993.0	991.1	989.3	987.6	985.9	984.4	982.7	981.1	979.3
125°	846.2	843.1	844.7	846.3	848.1	849.9	851.5	853.4	855.2	857.0	859.0
127.5°	734.1	733.1	737.5	741.8	746.3	750.8	755.2	759.8	764.2	769.0	773.4
130°	661.6	662.8	668.4	674.1	679.8	685.6	691.4	697.2	702.9	708.7	714.5
132.5°	618.7	621.5	626.7	632.3	637.8	643.4	648.9	654.5	660.1	665.8	671.1
135°	594.3	597.9	602.9	607.9	613.0	618.1	623.1	628.3	633.2	638.3	643.2
137.5°	577.7	581.4	585.4	589.4	593.3	597.5	601.7	605.8	609.6	613.8	617.7
140°	570.3	573.9	576.0	578.6	580.8	583.1	585.2	587.6	589.8	592.3	594.4
142.5°	561.0	564.4	565.6	567.2	568.6	570.3	571.7	573.2	574.6	575.9	577.2
145°	554.5	557.1	557.1	557.3	557.5	557.7	557.7	557.8	557.8	557.9	557.9
147.5°	545.5	547.4	547.0	546.9	546.6	546.3	546.0	545.8	545.3	545.1	544.8
150°	533.8	535.2	534.4	533.9	533.1	532.6	531.7	531.2	530.4	529.9	529.1
152.5°	521.2	522.5	521.5	520.9	520.0	519.3	518.4	517.8	516.9	516.2	515.5
155°	506.6	507.2	506.7	506.3	505.9	505.5	505.0	504.8	504.5	504.1	503.8
157.5°	498.0	498.1	497.9	497.6	497.3	497.1	496.9	496.7	496.6	496.6	496.6
160°	492.8	493.2	492.9	492.6	492.4	492.1	491.9	491.8	491.7	491.8	491.8
162.5°	488.4	488.3	488.0	487.6	487.4	487.3	487.1	487.2	487.1	487.1	487.2
165°	488.0	488.2	487.4	487.1	486.7	486.3	485.9	485.6	485.5	485.3	485.1
167.5°	486.5	486.3	486.3	486.4	486.4	486.5	486.6	487.0	487.1	487.5	487.5
170°	488.6	488.7	488.4	488.2	488.0	487.9	487.6	487.5	487.4	487.3	487.2
172.5°	492.7	492.7	492.2	491.7	491.3	490.9	490.4	490.0	489.6	489.2	488.7
175°	494.3	494.1	493.9	493.6	493.4	493.0	492.8	492.3	492.1	491.8	491.6
177.5°	496.5	496.3	496.2	496.2	496.1	496.0	496.0	495.9	495.9	495.9	495.7
180°	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0



TEST NUMBER: P1444390  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL40

**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°	113.3	109.7	101.7	98.2	90.3	85.2	76.7	72.2	64.2	62.1	57.3
92.5°	114.9	108.5	102.1	95.4	89.1	82.5	76.0	69.5	63.0	60.5	58.6
95°	145.1	135.7	126.3	116.8	107.5	98.0	88.7	79.2	69.8	67.9	66.0
97.5°	163.6	152.5	141.4	130.4	119.2	108.1	97.1	86.0	74.9	73.7	72.4
100°	290.9	265.3	239.7	214.1	188.6	163.0	137.5	111.9	86.4	85.0	83.4
102.5°	666.0	604.0	542.0	480.1	418.1	356.1	294.1	232.0	170.0	161.0	152.2
105°	1185.2	1091.2	997.6	903.7	809.8	715.9	622.1	528.1	434.3	404.2	374.0
107.5°	1559.3	1471.0	1382.8	1294.6	1206.4	1118.3	1029.8	941.5	853.2	800.1	747.1
110°	1728.6	1658.6	1588.7	1518.5	1448.6	1378.5	1308.4	1238.3	1168.2	1122.4	1076.8



TEST NUMBER: P1444390  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL40

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	1707.7	1656.3	1605.1	1553.7	1502.3	1450.8	1399.5	1347.9	1296.5	1268.7	1240.9
115°	1543.0	1511.9	1481.0	1450.0	1419.0	1388.0	1357.0	1325.7	1294.6	1280.0	1265.3
117.5°	1347.1	1331.2	1315.4	1299.4	1283.4	1267.4	1251.6	1235.5	1219.5	1214.3	1209.1
120°	1147.6	1142.7	1137.6	1132.7	1127.8	1122.7	1117.7	1112.6	1107.5	1108.0	1108.5
122.5°	981.1	982.7	984.5	985.9	987.7	989.1	990.8	992.1	993.8	997.5	1001.2
125°	863.3	867.6	872.1	876.4	880.7	884.9	889.3	893.5	897.9	901.5	905.5
127.5°	778.4	783.2	788.2	793.1	798.0	802.8	807.7	812.3	817.3	820.6	824.2
130°	718.8	722.8	727.3	731.3	735.6	739.7	743.9	748.1	752.3	754.8	757.5
132.5°	674.9	678.8	682.5	686.0	690.0	693.6	697.3	701.1	704.9	706.7	708.6
135°	646.2	648.8	651.5	654.1	657.2	659.8	662.6	665.3	668.3	669.4	670.7
137.5°	619.9	622.0	624.4	626.6	628.9	631.1	633.5	635.8	638.3	638.6	639.2
140°	596.7	599.1	601.5	603.9	606.4	608.7	611.4	613.9	616.6	616.9	617.5
142.5°	579.2	580.9	582.8	584.6	586.4	588.2	590.4	592.5	594.6	595.0	595.5
145°	560.2	562.3	564.6	566.9	569.0	571.4	574.0	576.4	579.1	579.2	579.5
147.5°	546.6	548.5	550.5	552.3	554.4	556.4	558.7	560.9	563.2	563.3	563.5
150°	531.3	533.4	535.4	537.4	539.7	542.0	544.4	546.8	549.5	550.0	550.5
152.5°	517.7	519.9	522.3	524.7	527.1	529.6	532.2	534.9	537.6	538.0	538.6
155°	506.1	508.2	510.7	513.1	515.6	517.9	520.5	523.1	525.7	526.5	527.1
157.5°	498.7	500.7	502.8	505.0	507.1	509.3	511.7	513.9	516.3	516.9	517.5
160°	493.6	495.4	497.3	499.3	501.2	503.1	505.1	507.1	509.1	509.7	510.4
162.5°	489.1	491.0	492.9	494.5	496.6	498.5	500.6	502.5	504.5	505.0	505.5
165°	486.5	487.9	489.3	490.5	492.0	493.2	494.8	496.1	497.7	498.2	499.1
167.5°	488.8	489.7	490.7	491.7	493.0	494.0	495.2	496.2	497.4	497.9	498.6
170°	488.3	489.2	490.1	491.1	492.2	493.2	494.2	495.1	496.3	496.8	497.5
172.5°	489.4	489.9	490.6	491.2	491.9	492.5	493.2	493.9	494.6	495.4	496.1
175°	492.0	492.3	492.6	492.9	493.2	493.6	494.0	494.4	494.7	495.3	495.9
177.5°	495.9	496.2	496.4	496.6	497.1	497.3	497.6	497.9	498.2	499.0	499.8
180°	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0



TEST NUMBER: P1444390  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL40

**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°	55.7	51.4	49.7	45.7	44.0	40.8	39.1	40.2	41.7	42.7	44.4
92.5°	56.4	54.3	52.1	49.9	47.7	45.6	43.4	45.6	47.7	49.9	52.1
95°	64.1	62.2	60.1	58.2	56.3	54.4	52.5	54.4	56.3	58.3	60.2
97.5°	71.2	70.0	68.8	67.6	66.4	65.2	64.0	65.3	66.5	67.7	68.9
100°	82.0	80.6	79.1	77.7	76.3	74.8	73.4	75.0	76.5	77.9	79.3
102.5°	143.3	134.4	125.4	116.5	107.6	98.7	89.7	98.7	107.6	116.6	125.5
105°	343.8	313.7	283.5	253.4	223.1	192.9	162.8	193.0	223.2	253.5	283.7
107.5°	694.0	641.0	587.8	534.8	481.6	428.5	375.3	428.6	481.8	534.9	588.0
110°	1030.9	985.1	939.4	893.6	847.7	801.9	755.9	802.0	847.9	893.8	939.7



TEST NUMBER: P1444390  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL40

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	1213.0	1185.2	1157.2	1129.4	1101.4	1073.6	1045.5	1073.8	1101.8	1129.9	1157.8
115°	1250.6	1235.7	1221.1	1206.3	1191.4	1176.6	1161.7	1176.9	1191.9	1206.9	1221.9
117.5°	1203.8	1198.7	1193.2	1188.0	1182.6	1177.4	1172.0	1177.6	1183.2	1188.9	1194.3
120°	1108.8	1109.4	1109.7	1110.0	1110.4	1110.7	1110.9	1111.1	1111.1	1111.1	1111.0
122.5°	1004.9	1008.5	1012.1	1015.8	1019.3	1022.8	1026.2	1023.2	1020.1	1017.1	1013.7
125°	909.0	912.9	916.7	920.4	923.9	927.7	930.9	928.2	925.1	921.9	918.6
127.5°	827.5	830.8	834.1	837.6	840.6	843.7	846.7	844.3	841.6	839.0	836.2
130°	759.8	762.5	764.8	767.2	769.4	771.6	773.6	772.2	770.5	769.1	767.0
132.5°	710.4	712.3	714.1	715.8	717.3	718.9	720.1	719.5	718.6	717.7	716.5
135°	671.8	673.0	674.0	675.3	676.0	676.9	677.4	677.6	677.3	677.1	676.5
137.5°	639.6	640.2	640.6	640.8	641.0	641.1	641.0	641.8	642.3	643.0	643.2
140°	618.0	618.6	618.9	619.2	619.6	619.8	619.6	620.5	621.0	621.4	621.6
142.5°	596.1	596.6	596.9	597.3	597.5	597.7	597.6	598.4	598.9	599.3	599.6
145°	579.8	580.0	580.0	580.2	580.1	580.0	579.6	580.7	581.4	582.1	582.7
147.5°	563.7	564.0	563.8	563.9	563.8	563.7	563.4	564.3	565.1	565.8	566.5
150°	551.2	551.8	552.2	552.6	553.0	553.2	553.2	553.8	554.2	554.5	554.6
152.5°	539.1	539.6	540.0	540.4	540.7	540.8	540.9	541.4	542.0	542.4	542.6
155°	527.7	528.4	529.0	529.6	530.0	530.5	530.8	531.2	531.5	531.7	531.9
157.5°	518.0	518.7	519.2	519.8	520.2	520.8	521.2	521.7	522.0	522.4	522.6
160°	510.8	511.5	511.9	512.5	513.0	513.5	513.9	514.3	514.7	515.0	515.4
162.5°	506.0	506.6	506.9	507.5	508.0	508.5	508.9	509.3	509.7	510.2	510.5
165°	499.8	500.6	501.2	502.0	502.7	503.5	504.0	504.2	504.2	504.4	504.4
167.5°	499.3	500.1	500.6	501.4	501.9	502.7	503.3	503.5	503.4	503.5	503.5
170°	497.9	498.6	499.3	499.9	500.5	501.2	501.6	501.7	501.7	501.8	501.8
172.5°	496.7	497.6	498.3	499.3	499.9	500.6	501.3	501.2	500.9	500.7	500.3
175°	496.4	497.2	497.8	498.5	499.1	499.8	500.5	500.1	499.9	499.6	499.3
177.5°	500.7	501.6	502.4	503.1	504.0	504.7	505.5	504.8	504.2	503.5	502.8
180°	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0



TEST NUMBER: P1444390  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL40

**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°	45.7	47.2	48.4	50.0	52.0	56.0	60.2	64.4	68.9	73.1	77.4
92.5°	54.3	56.5	58.7	60.8	63.1	69.6	76.1	82.6	89.3	95.7	102.2
95°	62.3	64.2	66.1	68.2	70.1	79.5	89.0	98.4	107.9	117.2	126.7
97.5°	70.3	71.5	72.7	74.0	75.3	86.4	97.5	108.6	119.7	130.9	141.9
100°	80.9	82.3	83.7	85.4	86.8	112.4	138.0	163.6	189.2	214.7	240.3
102.5°	134.6	143.5	152.5	161.5	170.5	232.6	294.7	356.8	418.6	480.8	542.7
105°	313.9	344.1	374.5	404.7	434.9	528.8	622.9	716.8	810.6	904.5	998.5
107.5°	641.3	694.5	747.7	800.8	854.0	942.4	1030.7	1119.1	1207.5	1295.8	1383.8
110°	985.7	1031.4	1077.5	1123.4	1169.3	1239.5	1309.7	1379.8	1450.0	1520.1	1590.2



TEST NUMBER: P1444390  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL40

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	1186.0	1213.9	1241.9	1269.7	1297.8	1349.2	1401.0	1452.5	1504.0	1555.4	1606.8
115°	1236.8	1251.6	1266.5	1281.3	1296.3	1327.4	1358.6	1389.8	1421.0	1452.2	1483.3
117.5°	1199.8	1205.3	1210.7	1215.8	1221.3	1237.4	1253.7	1269.7	1285.9	1302.0	1318.1
120°	1110.9	1110.6	1110.4	1110.0	1109.8	1114.9	1120.3	1125.3	1130.6	1135.6	1140.7
122.5°	1010.4	1006.9	1003.6	1000.0	996.6	995.0	993.8	992.1	990.9	989.3	987.9
125°	915.2	911.6	908.2	904.6	900.9	896.8	892.7	888.5	884.3	880.2	875.9
127.5°	833.3	830.2	827.4	824.1	820.9	816.1	811.4	806.6	802.1	797.2	792.5
130°	765.1	762.9	761.0	758.5	756.4	752.1	748.3	744.0	740.0	735.9	731.9
132.5°	715.3	713.9	712.5	710.7	709.2	705.5	702.2	698.4	694.8	691.1	687.5
135°	676.1	675.3	674.8	673.8	673.0	670.2	667.7	664.9	662.4	659.7	657.1
137.5°	643.4	643.3	643.3	643.2	643.2	641.0	638.9	636.7	634.6	632.3	630.3
140°	621.9	621.9	621.9	621.8	621.7	619.3	617.1	614.8	612.5	610.0	607.7
142.5°	599.9	600.0	600.0	599.9	599.9	597.9	596.3	594.6	592.8	591.1	589.4
145°	583.2	583.5	583.9	584.0	584.4	582.1	580.1	577.8	575.8	573.6	571.5
147.5°	567.2	567.5	568.0	568.3	568.8	566.9	565.1	563.2	561.6	559.7	558.1
150°	554.9	555.1	555.2	555.2	555.2	553.1	551.3	549.4	547.6	545.5	543.6
152.5°	542.9	543.1	543.3	543.5	543.8	541.7	539.7	537.6	535.6	533.4	531.3
155°	532.1	532.2	532.3	532.3	532.3	530.4	528.5	526.5	524.6	522.5	520.5
157.5°	522.8	523.0	523.2	523.3	523.4	521.7	519.9	518.3	516.6	514.8	513.1
160°	515.6	515.9	516.1	516.2	516.4	515.0	513.7	512.1	510.9	509.1	507.6
162.5°	510.8	511.1	511.3	511.4	511.6	510.2	508.8	507.4	506.0	504.3	502.9
165°	504.6	504.4	504.5	504.3	504.3	503.3	502.5	501.5	500.6	499.5	498.5
167.5°	503.6	503.4	503.5	503.3	503.3	502.6	502.2	501.4	500.7	499.9	499.2
170°	501.8	501.7	501.6	501.4	501.4	500.7	500.1	499.4	498.8	497.8	497.1
172.5°	500.1	499.7	499.5	499.2	498.7	498.2	497.8	497.4	497.0	496.5	496.0
175°	498.8	498.4	498.2	497.8	497.4	497.3	497.0	496.9	496.6	496.4	496.1
177.5°	502.3	501.7	500.9	500.3	499.7	499.5	499.3	499.1	499.1	498.7	498.5
180°	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0



TEST NUMBER: P1444390  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL40

**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°	81.6	93.8	97.9	94.9	89.3	86.0	80.6	77.7	72.7	69.8	64.9
92.5°	108.8	115.2	121.8	115.9	110.2	104.3	98.6	92.6	87.0	81.0	75.4
95°	136.1	145.4	154.8	147.0	139.2	131.5	123.7	116.0	108.3	100.5	92.8
97.5°	153.0	163.9	174.9	167.1	159.4	151.6	143.8	136.1	128.3	120.5	112.8
100°	265.9	291.1	316.6	294.6	272.5	250.6	228.6	206.6	184.6	162.8	140.7
102.5°	604.7	666.5	728.4	672.7	617.1	561.4	505.8	450.2	394.6	338.8	283.3
105°	1092.2	1185.8	1279.5	1194.5	1109.5	1024.6	939.7	854.8	769.9	684.9	600.1
107.5°	1472.2	1559.9	1647.9	1571.1	1494.3	1417.6	1340.8	1264.2	1187.4	1110.6	1033.9
110°	1660.3	1729.4	1799.3	1747.7	1696.3	1644.8	1593.4	1541.9	1490.5	1439.1	1387.8



TEST NUMBER: P1444390  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL40

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	1658.2	1708.6	1759.7	1729.4	1699.5	1669.3	1639.3	1609.2	1579.3	1549.2	1519.5
115°	1514.2	1544.0	1574.6	1562.7	1551.0	1539.1	1527.3	1515.6	1503.8	1492.0	1480.5
117.5°	1334.0	1348.4	1364.0	1361.8	1359.8	1357.7	1355.8	1353.8	1352.0	1350.0	1348.1
120°	1145.7	1149.0	1153.6	1155.2	1157.0	1158.7	1160.6	1162.3	1164.1	1165.9	1167.8
122.5°	986.3	982.9	980.6	982.3	984.0	985.5	987.2	988.7	990.4	992.3	994.1
125°	871.7	865.2	860.3	858.5	856.7	854.8	852.9	851.1	849.5	847.7	846.0
127.5°	787.6	780.6	775.1	770.6	766.1	761.5	757.0	752.4	748.1	743.4	739.1
130°	727.8	721.2	716.4	710.5	705.0	699.0	693.4	687.6	681.9	676.1	670.4
132.5°	684.0	677.5	673.3	667.9	662.4	656.9	651.4	645.8	640.2	634.7	629.2
135°	654.3	648.9	645.7	640.5	635.8	630.6	625.6	620.6	615.7	610.4	605.7
137.5°	628.1	622.9	620.1	616.1	612.4	608.3	604.5	600.3	596.3	592.2	588.3
140°	605.4	600.0	596.9	594.8	592.7	590.4	588.3	586.0	583.9	581.7	579.4
142.5°	587.5	582.4	580.0	578.7	577.5	575.9	574.8	573.4	572.2	570.5	569.2
145°	569.4	563.5	560.6	560.6	560.8	560.7	560.7	560.7	560.7	560.5	560.5
147.5°	556.2	550.2	547.5	547.9	548.3	548.7	549.2	549.4	549.9	550.2	550.6
150°	541.6	535.0	531.7	532.6	533.2	534.0	534.7	535.5	536.3	537.0	537.7
152.5°	529.1	521.2	517.6	518.4	519.3	520.0	520.9	521.9	522.8	523.7	524.5
155°	518.3	509.8	506.0	506.2	506.6	507.0	507.4	507.9	508.4	508.8	509.4
157.5°	511.3	502.5	498.8	498.7	499.0	499.1	499.3	499.5	499.8	500.0	500.5
160°	506.1	497.4	494.0	493.8	494.1	494.1	494.2	494.3	494.6	494.8	495.2
162.5°	501.3	492.8	489.5	489.3	489.3	489.4	489.5	489.5	489.7	489.8	490.2
165°	497.3	490.2	487.2	487.3	487.6	487.8	488.1	488.4	488.9	489.2	489.7
167.5°	498.2	491.9	489.7	489.4	489.1	488.8	488.8	488.4	488.4	488.2	488.2
170°	496.3	491.3	489.3	489.3	489.6	489.6	489.6	489.8	489.9	489.9	490.2
172.5°	495.5	491.8	490.3	490.7	491.2	491.5	492.0	492.4	492.9	493.3	493.8
175°	495.9	493.6	493.0	493.0	493.3	493.5	493.8	494.0	494.3	494.5	495.0
177.5°	498.4	497.6	497.2	497.2	497.2	497.2	497.2	497.2	497.2	497.3	497.3
180°	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0



TEST NUMBER: P1444390  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL40

**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°	62.4	59.1	58.2	54.8	54.6	51.0	51.5	48.0	48.9	45.0	50.7
92.5°	69.4	66.4	63.2	60.1	56.9	53.8	50.6	47.4	44.3	41.2	44.3
95°	85.1	82.1	79.3	76.3	73.4	70.5	67.6	64.7	61.9	58.9	62.6
97.5°	105.0	103.3	101.6	100.0	98.3	96.6	94.8	93.2	91.4	89.7	92.1
100°	118.7	118.7	118.7	118.7	118.5	118.5	118.5	118.5	118.5	118.5	120.4
102.5°	227.6	222.1	216.5	210.9	205.3	199.7	194.1	188.6	183.0	177.5	185.7
105°	515.2	493.5	471.6	449.9	428.0	406.3	384.5	362.8	341.0	319.3	341.8
107.5°	957.3	917.6	877.9	838.3	798.5	759.0	719.3	679.7	640.1	600.5	636.0
110°	1336.3	1294.1	1252.1	1210.0	1167.9	1125.7	1083.8	1041.7	999.7	957.6	991.4



TEST NUMBER: P1444390  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL40

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	1489.5	1462.1	1435.0	1407.9	1380.7	1353.6	1326.4	1299.4	1272.3	1245.3	1261.8
115°	1468.7	1455.8	1442.8	1429.9	1417.0	1404.1	1391.2	1378.4	1365.6	1352.8	1353.8
117.5°	1346.3	1341.9	1337.5	1333.3	1329.0	1324.7	1320.5	1316.4	1312.2	1308.2	1299.0
120°	1169.9	1171.2	1172.6	1174.0	1175.5	1177.1	1178.5	1180.1	1181.8	1183.6	1171.2
122.5°	995.9	999.0	1002.2	1005.6	1008.9	1012.3	1015.8	1019.4	1023.0	1026.7	1014.3
125°	844.2	847.4	850.5	853.8	856.9	860.5	863.9	867.5	871.1	874.8	864.4
127.5°	734.7	735.8	736.9	738.1	739.3	740.8	742.3	743.8	745.6	747.4	740.8
130°	664.6	663.5	662.4	661.5	660.4	659.7	659.0	658.4	657.8	657.4	654.4
132.5°	623.7	621.0	618.4	615.9	613.5	611.3	608.9	606.9	604.9	603.1	602.2
135°	600.6	596.9	593.3	589.9	586.3	583.2	580.0	577.1	574.1	571.3	571.7
137.5°	584.3	580.8	577.2	573.8	570.3	567.3	563.9	560.9	558.1	555.3	556.3
140°	577.2	573.6	570.0	566.7	563.3	560.1	556.9	554.0	550.9	548.3	548.9
142.5°	567.8	564.7	561.3	558.3	555.3	552.3	549.5	546.9	544.0	541.6	542.3
145°	560.5	558.2	555.8	553.3	551.1	549.1	546.8	544.9	542.9	541.3	541.6
147.5°	550.8	549.2	547.2	545.6	543.8	542.2	540.6	539.3	537.8	536.6	536.7
150°	538.4	537.3	536.1	535.0	533.9	532.9	531.8	530.9	530.0	529.2	529.1
152.5°	525.4	524.4	523.3	522.3	521.2	520.3	519.4	518.6	517.8	517.0	516.9
155°	509.9	509.4	508.9	508.5	508.0	507.8	507.3	507.2	506.8	506.6	506.7
157.5°	500.7	500.6	500.3	500.4	500.2	500.2	500.0	500.2	500.0	500.2	500.4
160°	495.6	495.3	494.8	494.7	494.4	494.1	493.9	493.8	493.6	493.4	493.8
162.5°	490.4	490.7	490.8	490.9	491.2	491.4	491.7	492.1	492.3	492.7	493.0
165°	490.2	490.1	489.8	489.7	489.8	489.7	489.7	489.9	489.8	490.0	490.5
167.5°	488.1	488.4	488.6	488.9	489.2	489.7	490.0	490.5	491.0	491.6	492.0
170°	490.2	490.2	490.2	490.2	490.2	490.4	490.5	490.6	490.7	491.0	491.3
172.5°	494.2	494.2	494.0	494.2	494.0	494.2	494.2	494.3	494.3	494.4	494.6
175°	495.0	495.4	495.7	496.0	496.1	496.4	496.6	496.8	497.1	497.4	497.4
177.5°	497.3	497.4	497.4	497.4	497.4	497.5	497.5	497.5	497.5	497.4	497.6
180°	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0



TEST NUMBER: P1444390  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL40

**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°	51.2	56.2	56.9	61.5	62.8	67.9	69.3	74.4	75.7	80.9	82.9
92.5°	47.4	50.6	53.7	56.9	60.0	63.2	66.3	69.4	76.2	82.7	89.7
95°	66.2	69.8	73.5	77.0	80.6	84.3	87.9	91.5	101.4	111.3	121.2
97.5°	94.6	97.0	99.4	101.8	104.2	106.7	109.1	111.5	122.2	132.9	143.5
100°	122.3	124.2	126.1	128.1	130.1	132.0	133.9	135.8	156.6	177.1	197.7
102.5°	193.9	202.1	210.4	218.5	226.9	235.1	243.4	251.5	298.8	345.9	393.0
105°	364.2	386.7	409.4	431.8	454.3	476.8	499.3	521.8	597.2	672.6	748.2
107.5°	671.5	707.0	742.5	778.0	813.6	849.2	884.7	920.3	993.9	1067.5	1141.1
110°	1025.2	1059.1	1092.9	1127.0	1160.8	1194.7	1228.6	1262.6	1306.8	1350.8	1394.9



TEST NUMBER: P1444390  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL40

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	1278.3	1294.6	1311.2	1327.7	1344.3	1360.8	1377.4	1394.0	1416.1	1437.9	1460.0
115°	1354.8	1355.8	1356.9	1357.9	1359.0	1360.1	1361.4	1362.7	1369.6	1376.4	1383.3
117.5°	1289.9	1280.8	1271.8	1262.9	1253.9	1245.1	1236.2	1227.4	1225.9	1224.4	1222.9
120°	1159.2	1147.0	1134.9	1122.6	1110.7	1098.7	1086.8	1075.0	1068.8	1062.7	1056.6
122.5°	1002.2	990.1	978.1	966.0	954.1	942.3	930.6	918.9	914.5	910.0	905.8
125°	854.2	844.1	834.0	823.9	814.2	804.4	794.7	785.0	784.6	784.0	783.8
127.5°	734.7	728.4	722.2	716.3	710.3	704.4	698.7	692.9	695.3	697.6	700.0
130°	651.6	648.9	646.4	643.5	641.2	638.8	636.5	634.2	638.6	642.7	647.3
132.5°	601.8	601.2	600.8	600.4	600.3	600.1	600.2	599.9	605.0	609.9	615.1
135°	572.3	572.9	573.9	574.7	575.9	576.7	578.1	579.1	584.0	588.7	593.6
137.5°	557.4	558.5	559.8	561.1	562.7	564.1	565.8	567.4	571.1	574.9	578.7
140°	549.9	550.6	551.8	552.9	554.1	555.2	556.7	557.9	561.1	563.9	566.9
142.5°	543.3	543.9	545.0	546.1	547.3	548.3	549.6	550.6	552.8	554.9	557.4
145°	542.3	542.8	543.8	544.4	545.2	546.0	547.0	547.8	549.2	550.4	551.7
147.5°	537.1	537.4	537.9	538.4	539.0	539.5	540.0	540.4	541.3	542.1	542.9
150°	529.2	529.3	529.5	529.4	529.8	530.1	530.4	530.6	531.3	532.0	532.9
152.5°	517.0	517.0	517.1	517.2	517.4	517.6	517.7	518.0	518.7	519.2	519.9
155°	507.0	507.4	507.8	508.1	508.6	508.8	509.3	509.5	510.0	510.5	511.0
157.5°	500.8	501.0	501.5	501.7	502.2	502.4	502.8	503.1	503.6	503.9	504.3
160°	494.5	495.1	495.6	496.3	496.8	497.3	498.0	498.6	499.1	499.4	499.8
162.5°	493.4	493.8	494.2	494.5	494.8	495.2	495.5	495.9	496.6	497.1	497.8
165°	491.2	491.7	492.4	492.9	493.5	494.1	494.7	495.3	495.6	496.0	496.3
167.5°	492.7	493.1	493.9	494.4	495.0	495.5	496.2	496.7	497.1	497.3	497.7
170°	491.9	492.4	493.0	493.5	494.1	494.5	495.1	495.5	496.1	496.6	497.2
172.5°	495.1	495.5	496.0	496.3	496.8	497.3	497.8	498.1	498.6	499.2	499.6
175°	497.4	497.4	497.5	497.6	497.7	497.7	497.8	498.0	498.1	498.2	498.3
177.5°	497.9	498.1	498.3	498.6	498.8	499.1	499.4	499.6	499.6	499.6	499.6
180°	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0



TEST NUMBER: P1444390  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL40

**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°	89.3	91.7	98.3	100.9	108.5	111.7	112.7	108.8	109.6	105.8	106.8
92.5°	96.3	103.3	110.1	116.8	123.6	130.5	124.1	117.9	111.5	105.3	99.0
95°	131.1	141.1	150.9	160.8	170.7	180.6	170.0	159.4	148.8	138.2	127.5
97.5°	154.1	164.8	175.4	186.0	196.8	207.3	194.7	182.2	169.6	157.2	144.6
100°	218.1	238.8	259.3	279.9	300.4	321.0	297.7	274.1	250.8	227.4	203.9
102.5°	440.3	487.3	534.6	581.8	628.9	676.1	626.5	576.9	527.1	477.5	427.7
105°	823.6	899.1	974.6	1050.1	1125.5	1201.2	1120.6	1040.1	959.5	878.9	798.3
107.5°	1214.7	1288.2	1361.9	1435.5	1509.2	1582.9	1501.2	1419.5	1337.8	1255.9	1174.2
110°	1439.2	1483.4	1527.7	1571.8	1616.0	1660.4	1600.7	1541.0	1481.4	1421.7	1361.9



TEST NUMBER: P1444390  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL40

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	1482.0	1504.3	1526.2	1548.5	1570.5	1592.7	1550.0	1507.4	1464.6	1421.9	1379.1
115°	1390.4	1397.3	1404.3	1411.3	1418.1	1425.2	1396.4	1367.6	1338.7	1309.9	1280.9
117.5°	1221.5	1220.3	1218.8	1217.6	1216.0	1214.7	1198.5	1182.3	1166.0	1149.8	1133.5
120°	1050.5	1044.2	1038.2	1032.1	1026.0	1019.8	1012.9	1006.0	998.8	991.8	984.8
122.5°	901.4	897.2	892.8	888.5	884.0	879.6	876.8	874.2	871.2	868.4	865.4
125°	783.4	783.0	782.6	782.2	781.7	781.3	779.7	778.2	776.5	775.1	773.4
127.5°	702.3	704.8	706.9	709.2	711.4	713.8	713.2	712.7	712.1	711.5	710.9
130°	651.4	655.8	660.0	664.2	668.3	672.7	671.5	670.6	669.7	668.7	667.7
132.5°	620.0	625.0	629.9	635.1	639.8	644.7	643.4	642.4	641.0	640.0	638.6
135°	598.2	603.0	607.5	612.4	616.8	621.4	619.9	618.6	616.9	615.7	614.2
137.5°	582.3	586.1	589.8	593.4	596.9	600.7	598.9	597.6	596.0	594.8	593.2
140°	569.7	572.7	575.4	578.5	581.1	584.0	582.2	580.5	578.7	576.9	575.0
142.5°	559.4	561.5	563.4	565.6	567.7	569.8	567.3	565.0	562.6	560.3	558.0
145°	553.0	554.5	555.8	557.1	558.1	559.5	556.7	554.1	551.3	548.8	546.0
147.5°	543.6	544.6	545.1	545.8	546.3	547.1	544.5	542.0	539.5	536.9	534.4
150°	533.3	534.2	534.7	535.3	535.9	536.6	533.9	531.3	528.6	526.0	523.5
152.5°	520.6	521.2	521.9	522.4	523.0	523.5	520.9	518.6	516.1	513.6	511.1
155°	511.2	511.7	511.9	512.3	512.4	512.7	510.5	508.6	506.5	504.5	502.3
157.5°	504.6	505.0	505.3	505.5	505.7	506.0	504.3	502.8	501.2	499.7	497.9
160°	500.1	500.4	500.7	500.9	501.2	501.2	499.9	498.6	497.3	495.9	494.4
162.5°	498.3	499.0	499.5	499.9	500.4	500.8	499.2	497.6	496.1	494.5	492.8
165°	496.6	496.9	497.2	497.5	497.6	497.8	496.7	495.7	494.5	493.5	492.4
167.5°	497.9	498.3	498.5	498.8	499.0	499.2	498.0	497.0	495.8	494.7	493.5
170°	497.5	498.0	498.5	499.0	499.4	499.7	498.8	498.0	497.0	496.2	495.2
172.5°	499.9	500.4	500.6	501.0	501.3	501.7	500.8	499.9	499.0	498.0	497.0
175°	498.3	498.4	498.6	498.6	498.6	498.7	498.0	497.3	496.6	495.9	495.1
177.5°	499.6	499.6	499.6	499.5	499.5	499.5	499.0	498.4	498.0	497.5	496.9
180°	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0



TEST NUMBER: P1444390  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL40

**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°	103.0	104.1	100.3	101.6	99.9	102.7	101.6	104.3	102.8	105.0	102.6
92.5°	92.7	86.4	80.2	73.9	70.7	67.4	64.6	61.0	58.1	54.8	51.6
95°	116.9	106.3	95.7	85.1	81.4	77.7	74.1	70.4	66.9	63.3	59.6
97.5°	132.1	119.5	107.0	94.3	91.2	88.1	84.9	81.7	78.5	75.4	72.2
100°	180.5	157.1	133.7	110.2	107.6	104.8	102.2	99.6	96.9	94.1	91.5
102.5°	378.1	328.2	278.5	228.7	219.4	209.9	200.5	191.0	181.5	172.1	162.8
105°	717.7	637.0	556.5	475.7	450.1	424.5	399.0	373.2	347.6	322.0	296.4
107.5°	1092.3	1010.4	928.7	846.8	799.5	752.2	704.8	657.4	610.1	562.7	515.3
110°	1302.2	1242.5	1182.6	1122.7	1084.8	1046.6	1008.4	970.3	932.2	894.0	855.7



TEST NUMBER: P1444390  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL40

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1336.3	1293.4	1250.7	1207.7	1190.5	1173.1	1155.9	1138.6	1121.2	1103.7	1086.5
115°	1252.0	1223.0	1194.1	1164.9	1158.8	1152.6	1146.5	1140.3	1134.1	1127.9	1121.6
117.5°	1117.3	1100.8	1084.5	1068.1	1069.0	1069.9	1071.0	1071.8	1072.6	1073.3	1074.2
120°	977.7	970.6	963.6	956.4	961.7	966.7	971.9	976.8	981.8	986.6	991.5
122.5°	862.7	859.7	856.9	853.8	860.2	866.2	872.4	878.4	884.5	890.2	896.2
125°	772.0	770.3	768.8	766.9	773.2	779.5	785.6	791.7	797.7	803.6	809.4
127.5°	710.4	709.8	709.2	708.5	713.1	717.3	721.6	725.7	730.0	733.8	737.8
130°	666.5	665.5	664.6	663.5	667.6	671.4	675.4	678.9	682.7	686.0	689.6
132.5°	637.5	636.2	635.1	633.8	636.6	639.2	642.0	644.3	647.0	649.1	651.4
135°	612.9	611.3	609.8	608.2	610.8	613.4	615.9	618.1	620.4	622.4	624.5
137.5°	591.8	590.2	588.8	587.1	589.6	591.8	593.9	595.8	597.8	599.7	601.4
140°	573.4	571.5	569.9	568.0	570.0	571.9	573.8	575.5	577.5	578.9	580.4
142.5°	555.7	553.1	551.1	548.6	550.0	551.3	552.7	553.9	555.3	556.3	557.3
145°	543.3	540.5	538.0	535.2	536.3	537.3	538.5	539.5	540.3	541.0	541.9
147.5°	531.9	529.2	526.6	524.0	525.0	525.7	526.3	526.9	527.7	528.2	528.6
150°	520.7	517.9	515.2	512.5	513.2	513.8	514.3	515.0	515.6	516.0	516.4
152.5°	508.5	506.0	503.4	500.8	501.3	501.8	502.2	502.7	503.2	503.6	503.9
155°	500.2	497.9	495.8	493.6	494.1	494.6	494.9	495.3	495.6	495.9	496.1
157.5°	496.2	494.4	492.9	491.0	491.1	491.3	491.5	491.4	491.5	491.5	491.4
160°	493.1	491.6	490.1	488.6	488.6	488.7	488.9	488.7	488.8	488.6	488.5
162.5°	491.1	489.5	487.6	485.8	485.8	486.0	486.0	486.0	486.0	485.9	485.8
165°	491.3	490.0	488.8	487.3	487.2	487.0	486.9	486.6	486.4	486.0	485.7
167.5°	492.3	491.1	489.8	488.5	488.6	488.8	488.8	488.8	488.8	488.7	488.7
170°	494.3	493.2	492.3	491.2	491.0	490.9	490.7	490.5	490.2	490.0	489.7
172.5°	496.0	495.0	494.0	492.8	492.8	492.7	492.5	492.4	492.2	492.0	491.9
175°	494.3	493.6	492.7	492.0	491.9	491.8	491.7	491.6	491.4	491.3	491.1
177.5°	496.4	496.0	495.3	494.8	494.7	494.7	494.6	494.5	494.5	494.4	494.3
180°	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0	497.0



TEST NUMBER: P1444390  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL40

**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°	104.6	101.8
92.5°	48.6	45.7
95°	56.0	52.4
97.5°	69.1	66.0
100°	88.8	86.2
102.5°	153.3	143.9
105°	270.8	245.2
107.5°	468.0	420.7
110°	817.6	779.5



TEST NUMBER: P1444390  
CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL40

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	1068.9	1051.6
115°	1115.0	1108.8
117.5°	1074.8	1075.4
120°	996.2	1001.0
122.5°	901.7	907.5
125°	815.1	820.7
127.5°	741.5	745.1
130°	692.5	695.8
132.5°	653.3	655.2
135°	626.1	627.8
137.5°	602.8	604.3
140°	581.6	582.8
142.5°	558.1	558.9
145°	542.5	543.0
147.5°	528.7	529.1
150°	516.6	516.9
152.5°	504.0	504.3
155°	496.2	496.4
157.5°	491.2	491.1
160°	488.3	488.2
162.5°	485.6	485.5
165°	485.2	484.8
167.5°	488.5	488.5
170°	489.4	489.2
172.5°	491.6	491.4
175°	491.0	490.9
177.5°	494.3	494.1
180°	497.0	497.0



TEST NUMBER: P1444390  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L840-UPL40

**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	15.83	16.84	16.40	17.39	17.99	14.21	15.22	14.77	15.77	16.37
	3H	17.38	18.28	17.96	18.84	19.49	16.64	17.54	17.22	18.10	18.75
	4H	18.17	19.01	18.77	19.59	20.25	17.75	18.59	18.35	19.17	19.83
	6H	18.93	19.71	19.55	20.30	20.97	18.79	19.56	19.40	20.15	20.83
	8H	19.25	19.98	19.87	20.59	21.27	19.23	19.96	19.85	20.57	21.25
	12H	19.49	20.19	20.12	20.79	21.49	19.58	20.28	20.21	20.88	21.58
4H	2H	16.20	17.05	16.81	17.62	18.28	14.91	15.76	15.52	16.33	17.00
	3H	18.07	18.77	18.69	19.39	20.07	17.54	18.23	18.15	18.85	19.53
	4H	19.08	19.71	19.71	20.33	21.04	18.79	19.42	19.42	20.05	20.76
	6H	20.03	20.57	20.68	21.22	21.95	19.97	20.51	20.63	21.16	21.89
	8H	20.41	20.92	21.07	21.57	22.30	20.47	20.98	21.13	21.62	22.36
	12H	20.72	21.17	21.40	21.85	22.59	20.88	21.33	21.56	22.01	22.75
8H	4H	19.45	19.96	20.11	20.60	21.34	19.20	19.71	19.86	20.36	21.09
	6H	20.61	21.02	21.29	21.71	22.45	20.55	20.97	21.24	21.66	22.40
	8H	21.11	21.48	21.82	22.18	22.94	21.16	21.52	21.86	22.23	22.98
	12H	21.54	21.86	22.24	22.55	23.37	21.68	22.00	22.38	22.69	23.51
12H	4H	19.49	19.94	20.17	20.62	21.36	19.26	19.71	19.93	20.38	21.12
	6H	20.72	21.09	21.42	21.79	22.54	20.67	21.04	21.37	21.74	22.49
	8H	21.30	21.63	22.00	22.31	23.14	21.34	21.66	22.04	22.34	23.17

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



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 ( $R_{f,i}$ )**

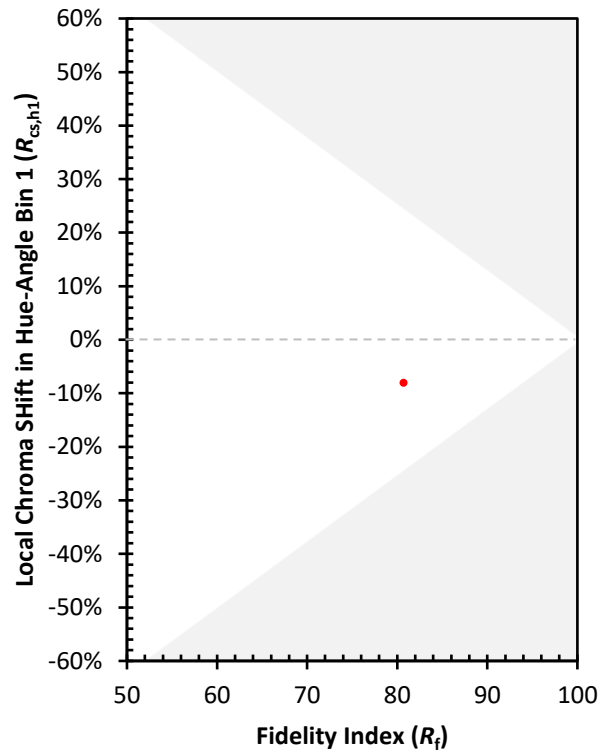
CES01 = 85	CES26 = 69	CES51 = 90	CES76 = 58
CES02 = 61	CES27 = 89	CES52 = 90	CES77 = 76
CES03 = 31	CES28 = 83	CES53 = 80	CES78 = 60
CES04 = 69	CES29 = 66	CES54 = 91	CES79 = 85
CES05 = 48	CES30 = 76	CES55 = 89	CES80 = 79
CES06 = 50	CES31 = 69	CES56 = 79	CES81 = 81
CES07 = 41	CES32 = 62	CES57 = 77	CES82 = 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)