

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: P1444685

Luminaire Tested: EHBR1-42-UNV-TA-L930-UPL24

Issue Date: 5/1/2026

**Test Information**

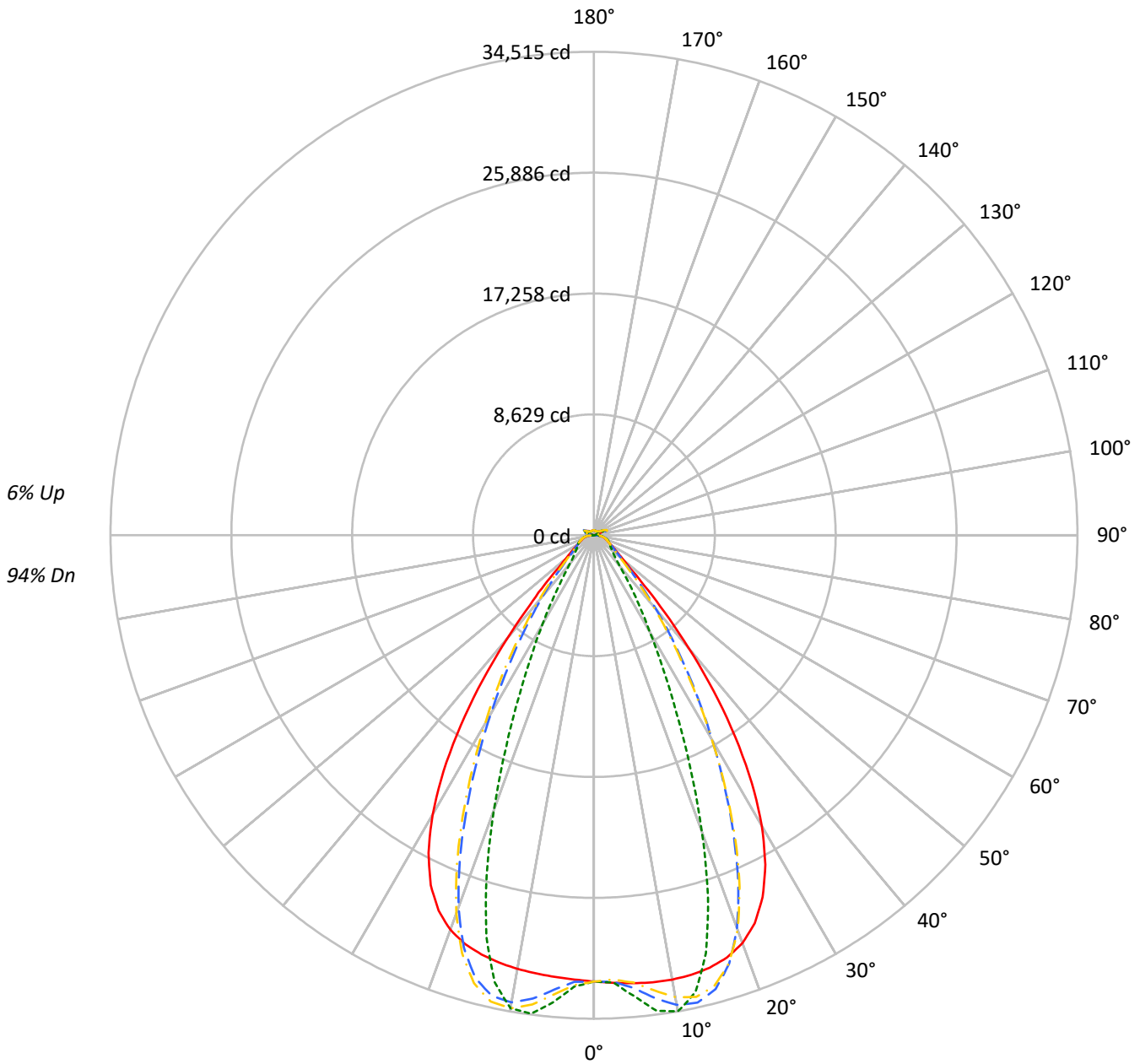
Test Method: LM-79-2019  
Report Number: P1444685  
REPORT IS A COMBINATION OF REPORTS P1444332 AND P1431635  
Test Lab: INNOVATION CENTER  
Issue Date: 5/1/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: EHBR1-42-UNV-TA-L930-UPL24  
Description: Elevate Round Highbay at, 42000 lumens, 3000K 90CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 39054.2 lumens  
Efficiency: N/A  
Efficacy: 162.1 lumens/watt  
Spacing Criteria (0/90/45): 1.13 / 0.77 / 0.88  
Luminous Opening: Vertical Cylinder (Dia: 1.71' x H: 0.1')  
CIE Type: Direct  
  
Input Watts (W): 240.9  
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: P1444685  
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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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	96	96	96	96	96	96	94
1	110	107	104	101	107	104	101	99	99	97	95	94	92	91	90	88	87	87	87	87	85
2	104	98	93	89	101	95	91	87	91	88	84	87	84	82	83	81	79	79	79	79	77
3	97	90	84	79	95	88	82	78	84	80	76	81	77	74	78	75	72	72	72	72	70
4	92	83	76	71	89	81	75	71	78	73	69	75	71	68	73	69	66	66	66	66	64
5	86	77	70	65	84	75	69	64	73	67	63	70	66	62	68	64	61	61	61	61	59
6	81	71	64	60	79	70	64	59	68	62	58	66	61	57	64	60	56	56	56	56	55
7	77	66	60	55	75	65	59	55	64	58	54	62	57	53	60	56	52	52	52	52	51
8	73	62	55	51	71	61	55	51	60	54	50	58	53	49	57	52	49	49	49	49	47
9	69	58	52	47	67	58	51	47	56	51	47	55	50	46	53	49	46	46	46	46	44
10	65	55	49	44	64	54	48	44	53	47	44	52	47	43	51	46	43	43	43	43	41

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	149618	149618	149618	149618
5°	150342	154726	148238	156752
10°	151597	162450	147962	161376
15°	152341	147260	147702	141331
20°	150766	109703	145831	101502
25°	142706	69381	137989	62951
30°	124664	41693	119836	38104
35°	95942	26162	90424	23175
40°	60692	16411	55529	15421
45°	31281	12785	30763	12575
50°	18341	11373	17778	11195
55°	14051	10759	13530	10662
60°	11889	10991	11383	10849
65°	11166	11478	10739	11086
70°	10910	12019	10366	11565
75°	11665	12745	11034	12183
80°	12071	14114	10945	12884
85°	11368	13617	9185	11659

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 25°  
 Vertical Angle: 45°  
 Luminance: 47873 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	3139.9	8.0
10°-20°	8832.8	22.6
20°-30°	10059.9	25.8
30°-40°	7230.6	18.5
40°-50°	3334.7	8.5
50°-60°	1595.8	4.1
60°-70°	1164.4	3.0
70°-80°	884.6	2.3
80°-90°	406.2	1.0
90°-100°	70.1	0.2
100°-110°	387.4	1.0
110°-120°	715.3	1.8
120°-130°	441.7	1.1
130°-140°	289.3	0.7
140°-150°	218.8	0.6
150°-160°	155.2	0.4
160°-170°	95.0	0.2
170°-180°	32.8	0.1
0°-30°	22032.5	56.4
0°-40°	29263.1	74.9
0°-60°	34193.6	87.6
0°-90°	36648.8	93.8
90°-120°	1172.8	3.0
90°-150°	2122.5	5.4
90°-180°	2405.0	6.2
0°-180°	39054.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	31860	31860	31860	31860	31860	
5°	32100	33036	31651	33469	32100	3068
15°	31960	30894	30987	29650	31960	9005
25°	28498	13855	27556	12571	28498	12919
35°	17609	4802	16596	4254	17609	10807
45°	5061	2069	4977	2035	5061	4305
55°	1899	1454	1828	1441	1899	1753
65°	1166	1198	1121	1157	1166	1164
75°	822	898	777	858	822	854
85°	391	468	316	401	391	367
90°	104	132	29	36	104	65
95°	32	35	32	36	32	30
105°	141	181	96	181	141	186
115°	626	755	655	755	626	578
125°	476	494	538	495	476	434
135°	383	334	411	337	383	298
145°	347	332	368	336	347	219
155°	329	328	349	331	329	153
165°	332	330	344	332	332	94
175°	342	345	348	346	342	33
180°	347	347	347	347	347	



TEST NUMBER: P1444685  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L930-UPL24

**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0
2.5°	31981.7	31979.2	31978.6	31976.4	31975.8	31975.8	31974.7	31972.1	31970.5	31966.9	31962.7
5°	32100.4	32098.9	32099.8	32100.0	32097.8	32092.8	32085.0	32075.5	32063.5	32052.1	32041.9
7.5°	32192.1	32194.4	32197.2	32196.6	32189.6	32178.0	32162.0	32153.0	32158.4	32175.7	32215.4
10°	32208.9	32222.6	32227.9	32226.3	32212.3	32202.3	32206.2	32239.9	32307.1	32396.7	32519.3
12.5°	32143.6	32160.3	32159.8	32154.2	32140.7	32154.4	32203.4	32303.8	32447.9	32624.6	32832.0
15°	31960.3	31981.9	31975.8	31968.6	31959.6	32004.6	32102.2	32276.8	32499.2	32748.5	33003.7
17.5°	31604.3	31630.5	31617.7	31609.5	31601.9	31686.2	31854.0	32109.6	32389.8	32671.7	32913.6
20°	30986.7	31004.2	30974.0	30959.6	30971.7	31136.9	31384.0	31710.4	32005.7	32272.3	32437.6
22.5°	29978.9	30000.7	29943.7	29937.1	30007.4	30261.2	30573.9	30938.8	31216.3	31427.5	31491.3
25°	28498.2	28519.7	28451.9	28492.4	28612.2	28957.7	29330.2	29720.4	29957.2	30113.7	30070.5
27.5°	26499.6	26519.2	26455.0	26537.7	26727.0	27181.1	27619.3	28042.6	28253.7	28363.4	28224.4
30°	23979.0	24019.8	23943.8	24059.2	24348.2	24937.7	25439.9	25914.6	26125.0	26208.5	25992.1
32.5°	20985.3	21043.3	20959.6	21131.2	21534.4	22242.6	22813.1	23343.5	23576.2	23671.4	23427.2
35°	17608.8	17692.0	17595.9	17853.6	18350.8	19139.4	19771.2	20363.3	20638.9	20774.0	20527.7
37.5°	14031.5	14110.7	14058.8	14402.5	14948.5	15765.9	16410.8	17049.6	17360.8	17563.6	17369.5
40°	10519.5	10592.0	10631.3	11024.4	11537.8	12308.3	12927.7	13559.8	13907.9	14162.3	14042.7
42.5°	7424.7	7497.8	7631.4	8010.7	8438.9	9076.7	9607.2	10174.7	10507.3	10778.8	10732.6
45°	5061.2	5146.2	5313.6	5624.2	5933.8	6391.3	6780.9	7222.3	7493.9	7742.7	7745.6
47.5°	3546.6	3606.3	3755.9	3968.0	4169.9	4742.6	4766.2	4983.1	5165.8	5351.6	5375.7
50°	2733.4	2769.2	2848.6	2966.8	3081.2	3229.8	3366.0	3523.2	3635.6	3737.5	3761.9
52.5°	2246.7	2269.5	2309.8	2373.8	2440.2	2521.0	2593.9	2680.2	2741.4	2795.9	2807.4
55°	1898.8	1917.6	1977.8	1989.9	2065.8	2080.5	2112.9	2165.4	2200.9	2233.6	2241.8
57.5°	1636.3	1650.0	1662.8	1690.0	1713.4	1747.4	1774.8	1812.5	1834.9	1858.6	1860.5
60°	1429.2	1439.1	1448.2	1467.1	1483.0	1506.6	1525.5	1551.2	1567.2	1585.0	1586.9
62.5°	1275.1	1282.2	1288.2	1300.7	1312.1	1330.3	1345.3	1366.7	1381.6	1395.3	1398.4
65°	1165.5	1170.7	1174.6	1184.1	1194.0	1209.5	1223.0	1240.6	1251.5	1262.0	1264.3
67.5°	1068.5	1073.5	1077.5	1086.0	1092.9	1104.5	1113.6	1126.7	1135.0	1143.3	1143.6
70°	957.3	961.9	964.9	972.9	978.5	988.5	995.8	1007.5	1016.1	1025.3	1027.8
72.5°	880.3	882.9	887.1	894.4	902.1	912.7	922.5	934.8	945.1	954.8	958.9
75°	821.7	824.9	827.6	833.8	839.2	848.2	855.5	866.7	875.6	886.1	891.1
77.5°	737.2	740.8	743.2	749.4	754.1	762.6	768.1	778.1	785.5	794.9	799.5
80°	635.0	638.4	640.1	646.0	649.6	657.6	662.9	672.5	678.7	688.1	693.7
82.5°	521.8	525.1	526.0	531.6	533.6	540.1	544.0	553.9	561.4	573.7	582.3
85°	390.7	391.9	393.8	392.4	400.3	400.7	409.7	411.3	423.2	426.2	439.7
87.5°	238.8	242.4	244.2	249.6	252.0	257.5	259.1	264.8	268.1	274.6	277.7
90°	104.1	109.8	111.8	118.4	120.3	126.3	127.8	134.4	136.4	143.3	146.2
92.5°	28.2	30.0	31.5	33.7	35.4	37.9	39.9	42.0	43.8	46.2	49.7
95°	31.9	34.0	35.9	38.0	39.9	42.0	43.9	46.0	47.9	50.0	55.8
97.5°	39.8	41.6	43.3	45.1	46.8	48.6	50.3	52.0	53.7	55.4	62.4
100°	51.5	53.0	54.4	56.0	57.4	58.9	60.3	61.8	63.3	64.8	77.7
102.5°	84.1	89.4	94.5	99.8	105.1	110.1	115.5	120.6	125.7	131.0	158.4
105°	141.1	155.1	169.4	183.6	197.7	211.9	226.1	240.1	254.2	268.3	313.1
107.5°	239.3	265.4	291.7	317.9	344.2	370.3	396.6	422.6	448.8	474.7	520.1
110°	439.4	460.4	481.5	502.5	523.5	544.7	565.7	586.5	607.7	628.5	661.6



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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°	591.9	601.3	610.8	620.2	629.8	639.1	648.7	658.0	667.6	676.8	700.3
115°	625.6	628.8	632.2	635.3	638.6	641.7	645.0	648.1	651.3	654.4	670.3
117.5°	609.3	608.6	607.9	607.3	606.4	605.7	604.9	604.0	603.1	602.3	611.2
120°	570.7	567.6	564.6	561.4	558.4	555.0	552.0	548.7	545.5	542.1	545.9
122.5°	521.5	517.8	514.4	510.4	506.8	502.9	499.2	495.0	491.4	487.5	488.6
125°	476.5	472.7	469.3	465.4	461.4	457.4	453.5	449.5	445.6	441.5	442.0
127.5°	437.7	435.1	432.6	429.6	426.8	423.6	420.7	417.6	414.7	411.4	411.4
130°	413.7	411.3	408.9	406.2	403.6	400.7	397.9	395.0	392.2	389.2	389.2
132.5°	394.5	392.8	391.0	389.0	386.9	384.5	382.6	380.0	377.9	375.6	375.6
135°	382.6	380.8	379.3	377.3	375.4	373.2	371.1	368.8	366.7	364.3	364.6
137.5°	372.7	371.2	369.6	367.8	366.0	363.8	361.8	359.7	357.6	355.4	355.5
140°	363.8	362.3	360.8	359.1	357.5	355.7	353.6	351.6	349.7	347.5	348.0
142.5°	353.3	352.1	351.0	349.5	348.2	346.4	344.8	342.9	341.3	339.5	340.1
145°	347.0	345.9	345.0	343.7	342.5	340.8	339.5	337.7	336.4	334.8	335.5
147.5°	341.5	340.6	339.9	338.8	337.8	336.4	335.2	333.7	332.5	331.1	331.9
150°	336.7	336.0	335.2	334.3	333.1	331.9	330.7	329.5	328.3	327.0	327.8
152.5°	331.4	330.5	329.9	328.9	327.9	326.6	325.7	324.5	323.3	322.1	322.7
155°	329.0	328.1	327.2	326.4	325.4	324.4	323.2	322.1	321.2	319.9	320.5
157.5°	328.2	327.3	326.7	325.7	325.2	324.2	323.4	322.3	321.5	320.6	320.9
160°	328.9	328.2	327.4	326.6	325.8	324.8	324.1	323.1	322.5	321.6	321.8
162.5°	329.9	329.0	328.4	327.5	326.8	325.8	325.1	324.4	323.7	322.7	323.0
165°	331.9	331.4	330.8	330.3	329.6	329.1	328.5	327.8	327.1	326.4	326.6
167.5°	336.2	335.5	335.1	334.3	333.6	332.9	332.3	331.5	331.1	330.2	330.4
170°	338.5	338.0	337.7	337.3	336.8	336.3	336.0	335.5	335.0	334.5	334.7
172.5°	341.1	340.7	340.4	340.2	339.7	339.5	339.2	338.8	338.5	338.1	338.5
175°	342.0	341.7	341.6	341.3	341.0	340.9	340.7	340.5	340.5	340.1	340.2
177.5°	344.4	344.3	344.3	344.2	344.2	344.1	344.0	343.7	343.6	343.6	343.8
180°	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6



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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0
2.5°	31959.6	31955.7	31950.5	31943.7	31937.9	31931.2	31915.3	31910.5	31915.8	31919.4	31926.7
5°	32035.6	32037.8	32038.6	32053.1	32065.7	32097.0	32342.1	32439.5	32514.8	32562.7	32635.3
7.5°	32264.5	32338.2	32411.0	32509.0	32593.6	32707.8	33136.7	33319.2	33448.9	33542.2	33657.0
10°	32652.5	32813.4	32964.1	33140.8	33292.6	33466.6	33865.8	34043.6	34155.9	34237.6	34313.9
12.5°	33043.4	33266.4	33468.0	33664.6	33828.9	33979.7	34120.1	34182.3	34187.6	34190.3	34149.7
15°	33246.9	33460.1	33637.7	33767.8	33864.4	33907.0	33665.4	33538.6	33378.3	33246.4	33029.2
17.5°	33118.5	33246.4	33323.1	33315.5	33275.6	33141.9	32457.3	32080.7	31706.9	31370.1	30928.3
20°	32547.3	32537.5	32470.8	32281.8	32054.0	31699.8	30526.1	29848.9	29194.2	28619.1	27921.5
22.5°	31484.8	31317.5	31084.5	30676.8	30224.1	29605.2	27923.1	26927.1	26015.7	25210.5	24308.5
25°	29945.1	29601.2	29171.3	28524.2	27820.5	26917.8	24844.8	23605.8	22511.5	21562.4	20521.6
27.5°	27974.7	27456.6	26826.6	25931.0	24977.7	23821.3	21523.0	20155.6	18980.8	17963.2	16855.6
30°	25642.1	24968.2	24154.6	23043.1	21893.1	20581.7	18250.5	16865.6	15676.6	14629.7	13521.3
32.5°	23005.8	22216.6	21263.3	20015.7	18772.1	17423.6	15172.4	13831.9	12696.0	11688.9	10685.6
35°	20098.3	19252.0	18243.3	16970.9	15734.7	14423.7	12358.1	11149.3	10146.2	9256.1	8446.0
37.5°	16979.4	16148.4	15189.7	13990.4	12844.2	11656.2	9873.8	8861.0	8019.2	7280.3	6654.8
40°	13736.7	13009.5	12180.0	11143.2	10164.9	9175.5	7712.5	6908.5	6244.1	5680.7	5211.9
42.5°	10533.6	9970.1	9334.0	8514.7	7766.0	7012.7	5886.6	5290.9	4798.9	4393.3	4061.8
45°	7642.5	7265.5	6838.9	6269.3	5751.3	5225.8	4424.3	4005.8	3685.3	3423.8	3202.6
47.5°	5342.5	5123.8	5110.5	4584.1	4204.2	3883.0	3366.6	3102.2	2905.9	2747.4	2607.4
50°	3751.9	3646.1	3514.7	3326.8	3150.5	2968.9	2654.3	2494.5	2379.5	2283.5	2195.0
52.5°	2804.8	2749.9	2679.8	2580.2	2484.7	2382.5	2183.5	2081.7	2045.5	1956.1	1886.0
55°	2240.2	2208.8	2168.9	2110.4	2052.3	2029.0	1858.4	1782.8	1735.0	1699.8	1662.1
57.5°	1860.9	1837.4	1813.7	1774.1	1740.5	1699.8	1609.1	1570.5	1541.9	1521.2	1495.1
60°	1587.3	1573.2	1560.0	1536.8	1518.6	1496.7	1439.1	1417.3	1402.4	1389.9	1373.2
62.5°	1401.0	1393.7	1387.0	1374.5	1365.3	1353.4	1314.1	1303.6	1296.2	1289.8	1279.7
65°	1266.5	1261.3	1257.5	1249.3	1244.7	1237.7	1203.9	1196.8	1192.3	1189.9	1184.1
67.5°	1144.3	1138.9	1136.4	1130.5	1128.5	1124.2	1096.5	1092.7	1091.1	1091.8	1089.8
70°	1030.0	1027.8	1028.9	1028.0	1030.6	1031.4	1014.7	1014.5	1016.3	1019.8	1020.2
72.5°	961.5	961.5	962.8	963.4	965.9	967.1	953.1	952.4	953.3	955.8	955.9
75°	896.3	897.4	900.9	902.1	905.0	905.7	887.2	885.1	885.3	887.7	886.9
77.5°	806.1	810.0	816.7	820.3	825.9	827.0	806.3	803.9	804.0	806.5	804.3
80°	703.7	711.2	721.9	729.4	738.1	741.6	720.4	715.3	710.6	709.9	705.6
82.5°	595.0	604.1	616.9	623.7	633.0	635.1	599.6	592.9	588.9	589.2	585.3
85°	454.2	461.1	472.7	476.6	482.4	481.8	441.3	423.9	428.5	421.3	426.9
87.5°	284.9	288.9	296.2	297.2	300.0	299.3	258.4	250.4	248.1	248.2	245.2
90°	153.6	157.2	164.4	165.4	170.4	170.7	138.4	135.5	131.8	132.7	127.9
92.5°	53.6	57.1	61.0	64.6	68.4	72.1	72.1	74.6	71.2	67.2	64.0
95°	61.7	67.5	73.4	79.4	85.3	91.2	97.0	102.9	97.4	91.8	86.3
97.5°	69.3	76.3	83.1	90.1	97.0	104.0	110.9	117.9	112.0	106.0	100.1
100°	90.6	103.6	116.6	129.5	142.3	155.3	168.2	181.3	169.9	158.4	146.9
102.5°	185.8	213.3	240.8	268.3	295.7	323.2	351.0	378.6	352.3	326.0	299.8
105°	357.5	402.2	446.7	491.1	535.6	580.2	625.1	669.7	627.8	586.0	544.0
107.5°	565.2	610.4	655.4	700.6	745.8	791.0	836.7	881.9	841.1	800.0	759.2
110°	694.6	727.3	760.3	793.2	826.1	859.0	892.7	925.6	901.0	876.3	851.7



TEST NUMBER: P1444685  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L930-UPL24

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	723.8	747.3	770.7	794.2	817.5	841.0	865.6	889.2	876.7	864.0	851.8
115°	685.9	701.9	717.5	733.2	749.0	764.5	781.5	797.7	793.4	789.3	785.1
117.5°	619.8	628.5	637.2	645.9	654.4	663.0	673.3	682.3	682.6	683.1	683.6
120°	549.3	552.9	556.2	559.9	563.1	566.7	572.0	575.9	579.1	581.9	584.9
122.5°	489.8	490.9	492.0	493.2	494.2	495.2	498.7	500.3	502.2	504.1	506.2
125°	442.3	442.7	443.1	443.5	443.6	444.0	447.1	447.8	447.7	447.4	447.3
127.5°	411.2	411.0	410.7	410.6	410.0	409.9	412.4	412.8	411.1	409.3	407.4
130°	389.2	389.2	389.0	389.1	389.0	389.1	391.9	392.7	389.9	386.8	384.0
132.5°	375.6	375.7	375.6	375.9	375.9	375.9	379.2	380.0	377.0	373.5	370.3
135°	364.6	364.9	365.0	365.2	365.3	365.7	369.3	370.4	367.3	364.0	361.0
137.5°	355.6	355.8	356.0	356.3	356.5	356.7	360.9	362.0	359.5	356.7	354.3
140°	348.3	348.5	348.9	349.4	349.7	350.3	354.8	356.1	354.2	352.0	349.9
142.5°	340.6	341.3	342.0	343.0	343.6	344.5	349.7	351.4	349.9	348.2	346.7
145°	336.1	337.2	338.0	339.1	340.0	341.1	346.8	349.0	348.0	346.7	345.7
147.5°	332.4	333.3	334.0	335.0	335.9	337.1	343.2	345.2	344.6	343.8	343.0
150°	328.4	329.3	330.1	331.1	332.2	333.4	340.2	342.7	342.1	341.5	340.8
152.5°	323.4	324.1	324.9	325.8	326.7	327.8	336.1	338.7	338.3	337.6	337.1
155°	321.0	321.5	322.0	322.7	323.3	324.3	333.2	335.9	335.5	335.2	334.7
157.5°	321.2	321.4	321.6	322.1	322.5	323.0	332.4	335.2	334.8	334.4	334.1
160°	321.9	322.1	322.2	322.5	322.8	323.0	332.8	335.4	335.2	334.7	334.4
162.5°	323.2	323.8	324.0	324.5	324.7	325.4	335.1	338.1	337.5	337.0	336.5
165°	326.8	326.8	326.9	327.1	327.3	327.6	336.8	339.2	338.9	338.5	338.1
167.5°	330.4	330.8	330.9	331.2	331.3	331.9	340.3	342.7	342.5	342.0	341.8
170°	334.8	335.1	335.2	335.4	335.8	336.1	343.3	345.2	345.0	344.4	344.1
172.5°	338.7	339.1	339.4	339.7	340.0	340.4	346.5	348.3	348.1	347.7	347.3
175°	340.6	340.7	341.0	341.4	341.7	341.9	346.7	348.1	347.9	347.7	347.5
177.5°	344.1	344.2	344.4	344.7	345.0	345.2	348.2	349.0	348.9	348.9	348.8
180°	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6



TEST NUMBER: P1444685  
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**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0
2.5°	31928.4	31939.6	31941.2	31954.3	31953.2	31968.8	31966.3	31979.2	31971.7	31982.2	31973.4
5°	32678.3	32746.2	32781.8	32848.2	32869.1	32928.6	32945.3	32999.5	33001.7	33044.8	33035.0
7.5°	33738.4	33838.7	33898.2	33980.3	34021.8	34090.2	34120.3	34170.8	34187.1	34227.3	34230.4
10°	34371.6	34420.3	34454.2	34477.1	34498.0	34507.9	34519.3	34516.2	34519.3	34514.8	34524.6
12.5°	34122.5	34051.5	34004.4	33915.4	33863.8	33765.5	33717.2	33622.6	33588.3	33507.0	33495.3
15°	32861.4	32613.6	32438.6	32184.1	32024.1	31773.7	31627.2	31401.3	31298.1	31118.5	31071.4
17.5°	30562.7	30102.9	29747.0	29290.5	28973.7	28547.1	28278.8	27925.6	27732.3	27447.4	27348.9
20°	27340.0	26659.6	26125.8	25490.0	25034.9	24467.9	24105.0	23647.1	23381.4	23031.6	22889.8
22.5°	23556.5	22709.3	22042.7	21291.5	20742.4	20110.6	19675.7	19180.4	18891.3	18511.3	18343.0
25°	19656.7	18722.7	17981.5	17190.0	16609.9	15976.5	15541.6	15054.9	14755.8	14395.0	14227.8
27.5°	15927.1	14981.5	14265.2	13529.4	12997.2	12425.7	12033.2	11608.3	11342.8	11034.9	10877.6
30°	12635.6	11801.6	11192.2	10581.5	10138.8	9674.7	9348.5	8996.4	8763.5	8499.8	8349.9
32.5°	9954.1	9310.3	8833.0	8348.4	7986.1	7598.2	7316.4	7005.8	6795.5	6560.0	6424.3
35°	7883.6	7383.3	7002.6	6603.7	6292.4	5962.1	5713.7	5445.6	5256.9	5054.2	4937.0
37.5°	6228.8	5831.0	5517.8	5186.4	4930.8	4657.1	4564.9	4257.2	4061.6	3899.8	3787.8
40°	4888.3	4572.1	4312.8	4059.5	3851.0	3643.4	3476.8	3312.5	3186.2	3070.5	2990.4
42.5°	3817.5	3588.3	3399.0	3213.4	3061.2	2910.0	2789.4	2676.1	2591.1	2515.4	2463.8
45°	3034.7	2877.0	2745.5	2614.8	2507.5	2406.5	2325.2	2253.1	2198.1	2152.6	2120.5
47.5°	2493.1	2385.1	2292.4	2204.1	2131.2	2065.1	2010.8	1993.0	1934.0	1894.2	1879.1
50°	2118.8	2053.6	1983.1	1918.0	1869.4	1821.0	1785.7	1751.1	1729.0	1710.7	1705.1
52.5°	1839.4	1789.6	1750.4	1709.2	1677.0	1642.5	1618.2	1595.2	1583.0	1573.5	1572.3
55°	1631.7	1596.8	1570.9	1543.3	1524.0	1503.8	1491.2	1479.0	1473.7	1468.9	1469.2
57.5°	1474.6	1451.3	1434.4	1416.5	1406.0	1396.4	1393.2	1390.1	1391.8	1392.5	1395.2
60°	1360.0	1344.9	1334.3	1324.0	1319.6	1316.6	1318.9	1321.6	1327.2	1331.6	1335.7
62.5°	1272.3	1263.6	1258.5	1252.9	1252.4	1252.7	1257.4	1262.0	1269.0	1274.2	1278.1
65°	1181.9	1177.0	1175.3	1171.8	1173.5	1174.6	1180.3	1183.9	1190.8	1194.9	1199.9
67.5°	1090.7	1089.5	1090.6	1090.6	1093.8	1096.5	1101.9	1105.9	1111.8	1115.6	1119.6
70°	1023.3	1023.7	1026.2	1026.7	1030.1	1032.0	1036.8	1039.3	1044.6	1047.8	1052.6
72.5°	957.7	956.6	957.3	955.7	956.9	956.5	959.0	960.3	964.8	967.2	973.2
75°	887.9	885.0	884.3	881.1	881.2	878.9	880.0	879.9	882.9	884.0	888.3
77.5°	803.6	798.6	796.3	791.0	790.9	788.8	791.0	792.3	797.5	800.0	804.8
80°	702.8	695.0	691.4	685.3	686.4	686.0	691.3	695.1	701.5	702.7	708.8
82.5°	584.1	576.2	572.5	566.4	567.8	567.9	572.6	573.5	579.1	581.4	588.5
85°	418.2	421.3	413.0	413.5	411.7	415.0	418.2	422.2	426.9	434.5	440.4
87.5°	246.3	245.2	248.2	248.5	252.8	255.0	261.9	265.8	273.5	279.5	290.3
90°	127.3	122.6	124.2	122.1	125.5	123.5	126.6	124.1	128.1	128.0	133.2
92.5°	59.7	56.2	52.1	48.7	44.6	41.4	39.2	37.8	35.7	34.5	32.3
95°	80.8	75.3	69.9	64.3	58.9	53.4	51.3	49.4	47.3	45.4	43.3
97.5°	94.2	88.2	82.3	76.3	70.4	64.5	63.2	61.8	60.5	59.2	57.8
100°	135.4	124.0	112.6	101.1	89.8	78.4	77.4	76.3	75.2	74.1	73.1
102.5°	273.7	247.5	221.4	195.2	169.0	142.8	138.3	133.8	129.2	124.7	120.1
105°	502.2	460.2	418.4	376.5	334.8	292.8	280.4	267.8	255.3	242.8	230.4
107.5°	718.3	677.4	636.5	595.7	554.9	514.2	494.3	474.6	454.8	435.1	415.4
110°	826.9	802.3	777.9	753.1	728.7	704.2	685.3	666.5	647.5	628.7	609.9



TEST NUMBER: P1444685  
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**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	839.3	826.9	814.3	802.0	789.7	777.3	768.2	758.9	749.7	740.5	731.1
115°	781.0	776.8	772.8	768.8	764.9	760.8	760.0	759.3	758.4	757.8	757.1
117.5°	683.9	684.5	684.8	685.4	686.0	686.6	691.3	695.9	700.8	705.7	710.8
120°	587.9	591.0	593.9	597.1	600.1	603.3	609.5	616.0	622.4	629.0	635.6
122.5°	507.9	510.0	511.8	513.9	515.9	518.0	524.2	530.5	536.7	543.1	549.8
125°	446.7	446.5	446.2	445.8	445.5	445.5	450.5	455.5	460.6	466.0	471.2
127.5°	405.6	403.6	401.7	399.9	398.0	396.4	399.1	401.9	404.8	407.7	410.8
130°	381.0	378.0	374.8	372.1	368.8	366.1	366.9	367.8	368.7	369.6	370.8
132.5°	366.8	363.5	360.0	356.6	353.1	349.9	349.3	348.9	348.3	348.2	348.0
135°	357.6	354.5	351.0	347.8	344.4	341.3	340.1	338.9	337.9	336.9	336.0
137.5°	351.6	349.0	346.3	343.7	340.9	338.3	336.7	335.3	333.8	332.8	331.5
140°	347.5	345.6	343.2	341.0	338.7	336.8	335.3	334.3	332.9	331.9	330.8
142.5°	344.8	343.2	341.4	339.8	338.0	336.4	335.1	334.0	332.8	331.8	330.7
145°	344.4	343.4	342.1	340.9	339.6	338.5	337.3	336.5	335.5	334.7	333.9
147.5°	342.2	341.3	340.6	339.7	338.7	337.8	337.0	336.6	335.6	335.2	334.4
150°	339.9	339.3	338.4	337.7	336.8	336.1	335.5	335.1	334.4	334.3	333.6
152.5°	336.2	335.6	334.9	334.3	333.4	332.8	332.2	331.9	331.4	331.1	330.5
155°	334.2	333.6	333.1	332.6	331.9	331.5	331.0	330.3	329.9	329.5	328.8
157.5°	333.6	333.1	332.6	332.2	331.5	331.1	330.5	330.1	329.5	329.1	328.6
160°	333.9	333.6	332.9	332.5	332.0	331.5	330.8	330.3	329.5	329.1	328.3
162.5°	335.9	335.2	334.8	334.2	333.5	332.9	332.4	331.9	331.4	331.0	330.3
165°	337.7	337.1	336.7	336.2	335.9	335.4	334.7	334.2	333.5	332.9	332.3
167.5°	341.3	340.9	340.5	340.1	339.5	339.1	338.5	338.0	337.3	336.8	336.0
170°	343.6	343.1	342.6	342.1	341.6	341.0	340.5	340.0	339.3	339.0	338.2
172.5°	346.8	346.7	346.1	345.8	345.1	344.8	344.4	344.0	343.4	343.0	342.6
175°	347.4	347.2	347.1	346.7	346.7	346.4	346.1	346.0	345.8	345.7	345.3
177.5°	348.8	348.6	348.6	348.4	348.3	348.3	348.1	347.9	347.7	347.4	347.3
180°	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6



TEST NUMBER: P1444685  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L930-UPL24

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0
2.5°	31982.5	31974.4	31978.3	31963.3	31966.9	31948.8	31947.1	31926.7	31924.7	31905.5	31898.2
5°	33065.5	33047.6	33067.7	33036.4	33042.6	33001.7	32998.4	32945.7	32927.5	32861.7	32833.1
7.5°	34255.5	34248.8	34261.1	34234.9	34234.0	34197.6	34182.7	34135.4	34106.1	34037.0	33992.8
10°	34516.2	34522.4	34512.3	34514.8	34500.6	34496.7	34482.2	34473.0	34449.3	34431.3	34404.9
12.5°	33433.6	33440.1	33398.7	33424.9	33404.3	33452.6	33448.7	33505.6	33514.3	33586.4	33613.7
15°	30931.4	30923.6	30844.4	30894.4	30867.5	30973.6	30997.3	31140.0	31216.3	31399.4	31511.8
17.5°	27151.5	27131.1	27019.5	27080.3	27049.4	27205.8	27258.2	27486.3	27628.6	27923.7	28134.0
20°	22645.7	22606.6	22476.0	22547.2	22515.3	22692.9	22767.8	23043.5	23227.0	23617.9	23895.9
22.5°	18084.0	18022.2	17894.3	17960.8	17930.7	18114.6	18212.0	18488.7	18698.9	19100.1	19424.7
25°	13987.5	13932.5	13808.8	13855.3	13844.1	13999.8	14086.4	14348.1	14554.6	14936.8	15246.7
27.5°	10668.6	10611.3	10499.7	10532.6	10521.2	10653.8	10735.6	10954.2	11131.8	11453.5	11725.6
30°	8165.2	8096.2	8001.5	8019.6	8011.9	8119.3	8195.6	8379.6	8532.0	8803.9	9038.3
32.5°	6258.6	6189.2	6102.3	6110.7	6099.2	6183.5	6246.4	6406.5	6539.2	6770.4	6974.4
35°	4788.7	4869.8	4684.0	4801.7	4679.2	4859.1	4794.4	4894.4	5008.6	5203.5	5373.6
37.5°	3681.4	3624.8	3577.0	3572.0	3571.7	3613.4	3662.6	3759.0	3859.6	4004.7	4154.7
40°	2917.3	2877.7	2846.7	2844.4	2846.7	2876.3	2912.7	2979.3	3053.0	3157.2	3267.5
42.5°	2419.6	2393.3	2374.6	2373.4	2379.3	2400.3	2425.5	2465.1	2513.0	2580.6	2656.1
45°	2094.2	2079.6	2069.1	2068.6	2071.3	2082.3	2096.9	2121.4	2151.8	2194.0	2241.8
47.5°	1865.9	1862.3	1855.8	1856.1	1853.1	1857.6	1859.3	1873.1	1889.2	1921.0	1983.5
50°	1699.6	1699.6	1695.1	1694.9	1690.6	1690.4	1686.8	1692.3	1699.8	1719.5	1739.5
52.5°	1568.1	1567.7	1562.9	1561.9	1557.4	1557.2	1554.1	1556.3	1557.4	1567.2	1579.2
55°	1465.5	1462.4	1456.0	1454.0	1452.2	1454.8	1453.6	1453.8	1452.5	1456.6	1460.1
57.5°	1391.8	1387.8	1381.7	1379.9	1379.5	1382.6	1382.7	1381.6	1376.1	1372.3	1367.0
60°	1333.4	1329.4	1322.9	1321.3	1322.2	1326.5	1326.3	1322.7	1314.4	1307.2	1298.8
62.5°	1276.2	1274.5	1271.2	1270.8	1269.9	1270.6	1267.6	1263.9	1255.7	1248.0	1239.0
65°	1199.3	1200.1	1197.7	1198.0	1195.0	1194.6	1190.1	1186.5	1178.2	1171.2	1161.9
67.5°	1119.4	1120.1	1118.1	1118.1	1116.5	1116.8	1114.0	1110.6	1103.7	1098.0	1090.8
70°	1053.7	1055.4	1054.2	1054.6	1052.6	1052.0	1047.7	1044.4	1037.2	1032.5	1026.0
72.5°	975.0	978.5	978.4	979.2	976.4	975.0	969.9	965.7	959.2	955.5	950.3
75°	890.0	894.5	895.9	897.8	893.8	891.7	886.1	882.9	877.5	875.3	871.9
77.5°	806.9	812.0	816.8	821.4	814.9	809.1	802.1	796.8	789.2	786.3	781.0
80°	713.8	722.7	733.5	742.5	730.7	719.0	707.5	699.0	688.9	684.8	678.2
82.5°	592.2	601.3	607.5	613.3	605.2	596.5	585.4	578.0	567.1	563.1	555.4
85°	449.8	461.3	465.0	468.0	462.9	458.2	447.9	433.8	426.9	416.3	410.6
87.5°	295.9	302.7	304.1	305.1	301.9	299.7	292.9	286.3	274.6	266.2	255.8
90°	131.9	135.4	131.7	132.3	129.2	130.7	124.9	123.8	115.1	112.6	105.1
92.5°	30.7	28.7	27.0	25.2	27.5	28.8	31.0	32.3	34.3	35.7	37.8
95°	41.3	39.3	37.3	35.3	36.9	38.5	40.1	41.7	43.3	44.9	46.5
97.5°	56.5	55.2	53.8	52.5	53.5	54.4	55.3	56.2	57.2	58.1	59.3
100°	72.0	70.9	69.9	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
102.5°	115.6	111.0	106.5	101.9	105.1	108.1	111.2	114.2	117.4	120.4	123.6
105°	218.0	205.5	193.1	180.6	192.7	204.7	216.8	228.8	240.9	253.1	265.2
107.5°	395.6	376.0	356.3	336.6	358.7	380.6	402.6	424.5	446.5	468.4	490.6
110°	591.2	572.5	553.7	535.0	558.2	581.6	604.8	628.1	651.5	674.8	698.3



TEST NUMBER: P1444685  
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**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	722.0	712.9	703.8	694.7	709.7	724.7	739.7	755.0	769.9	785.0	800.1
115°	756.5	756.0	755.4	754.9	762.0	769.1	776.2	783.3	790.6	797.7	805.0
117.5°	715.7	720.6	725.7	730.7	733.1	735.3	737.8	740.0	742.5	744.8	747.4
120°	642.2	648.7	655.5	662.4	661.4	660.5	659.7	658.8	658.2	657.4	656.9
122.5°	556.3	562.9	569.7	576.5	574.5	572.5	570.6	568.7	567.1	565.2	563.6
125°	476.8	482.2	487.8	493.5	491.5	489.5	487.5	485.9	484.2	482.4	480.9
127.5°	414.1	417.6	420.8	424.3	423.3	422.4	421.8	421.1	420.4	420.0	419.5
130°	372.0	373.4	375.0	376.4	376.7	377.0	377.6	378.1	378.8	379.4	380.4
132.5°	348.2	348.2	348.4	348.6	349.7	350.8	352.2	353.5	355.1	356.5	358.6
135°	335.3	334.7	334.3	333.9	335.5	337.0	338.8	340.7	342.8	345.0	347.4
137.5°	330.6	329.6	328.9	328.1	329.7	331.3	333.2	335.0	337.1	339.3	341.8
140°	330.0	329.1	328.7	327.9	329.5	331.0	332.8	334.6	336.8	338.9	341.2
142.5°	330.0	329.0	328.5	327.9	329.2	330.7	332.5	334.1	336.0	337.8	340.0
145°	333.3	332.5	332.2	331.7	332.6	333.6	334.9	336.1	337.6	338.9	340.7
147.5°	334.0	333.5	333.3	332.9	333.7	334.4	335.3	336.1	337.4	338.4	339.7
150°	333.6	333.1	332.9	332.8	333.2	333.6	334.3	334.7	335.4	336.1	337.1
152.5°	330.4	330.0	330.0	329.7	330.1	330.4	331.0	331.4	332.0	332.6	333.5
155°	328.6	328.2	327.9	327.5	327.6	327.6	327.9	327.9	328.3	328.4	328.8
157.5°	328.3	327.9	327.6	327.1	327.0	326.8	326.9	326.7	326.9	326.6	326.8
160°	328.0	327.2	326.8	326.2	326.3	326.1	326.2	326.1	326.2	326.2	326.3
162.5°	330.0	329.5	329.2	328.7	328.5	328.0	327.8	327.3	327.0	326.8	326.7
165°	331.6	331.1	330.5	329.9	329.7	329.5	329.3	329.1	328.9	328.7	328.7
167.5°	335.7	334.9	334.4	333.8	333.5	332.8	332.7	332.1	331.8	331.3	331.2
170°	337.8	337.2	336.9	336.3	336.1	335.8	335.7	335.3	335.2	335.1	335.1
172.5°	342.2	341.7	341.4	340.9	340.8	340.5	340.4	340.2	340.1	340.1	339.9
175°	345.2	345.0	344.9	344.6	344.4	344.2	344.1	343.9	343.8	343.4	343.4
177.5°	346.9	346.7	346.5	346.4	346.3	346.3	346.3	346.3	346.3	346.2	346.0
180°	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6



TEST NUMBER: P1444685  
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**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0
2.5°	31877.6	31869.2	31847.1	31836.2	31815.8	31805.6	31789.6	31779.4	31766.4	31756.9	31751.9
5°	32760.8	32720.0	32638.3	32588.1	32499.8	32441.7	32354.1	32289.9	32199.4	32132.7	32047.2
7.5°	33909.9	33847.3	33742.7	33663.3	33540.0	33445.6	33307.1	33196.4	33043.4	32916.3	32760.0
10°	34377.7	34341.2	34294.2	34243.3	34174.8	34107.8	34013.2	33916.8	33788.4	33660.6	33493.6
12.5°	33686.3	33720.6	33788.4	33820.1	33871.8	33889.5	33913.2	33902.1	33881.1	33828.9	33753.2
15°	31727.9	31871.4	32098.1	32255.0	32474.7	32629.0	32833.1	32964.6	33116.0	33206.4	33292.3
17.5°	28506.6	28784.1	29184.1	29503.3	29931.8	30280.1	30707.0	31042.3	31429.5	31726.5	32042.8
20°	24380.5	24769.1	25321.4	25790.4	26411.2	26937.7	27612.1	28177.2	28836.3	29385.7	29978.6
22.5°	19939.8	20396.8	21029.6	21595.3	22336.8	22998.9	23843.9	24591.1	25482.0	26280.2	27163.3
25°	15750.4	16198.4	16843.0	17428.7	18229.1	18958.5	19881.8	20738.8	21772.8	22737.0	23843.9
27.5°	12157.8	12555.7	13122.4	13649.6	14382.6	15098.8	16035.7	16949.6	18052.9	19089.1	20282.1
30°	9389.2	9712.1	10166.0	10590.2	11178.7	11764.4	12598.9	13444.1	14542.0	15615.8	16838.8
32.5°	7276.3	7551.6	7930.6	8274.9	8728.4	9170.0	9784.5	10459.9	11423.0	12451.5	13634.1
35°	5632.7	5868.2	6190.7	6487.4	6860.3	7210.8	7669.4	8151.5	8886.4	9751.6	10810.0
37.5°	4490.7	4586.7	4817.0	5060.0	5369.6	5657.8	6016.5	6373.0	6898.8	7581.4	8446.0
40°	3415.1	3567.6	3755.0	3946.3	4180.9	4411.9	4805.5	4995.0	5341.2	5831.3	6502.3
42.5°	2755.6	2862.8	2994.7	3127.7	3291.2	3452.1	3651.2	3853.9	4112.7	4444.6	4921.9
45°	2305.9	2375.9	2460.9	2549.5	2656.8	2766.6	2899.9	3039.1	3214.5	3418.6	3708.5
47.5°	2005.5	2044.2	2099.6	2160.2	2233.8	2309.8	2396.5	2485.1	2594.1	2715.2	2880.3
50°	1771.1	1803.3	1846.4	1886.9	1937.6	2015.6	2050.0	2098.9	2164.5	2235.7	2328.0
52.5°	1601.4	1622.9	1649.9	1673.1	1705.3	1734.4	1772.7	1806.4	1851.8	1894.6	1954.2
55°	1469.2	1477.1	1492.4	1507.4	1529.6	1549.5	1575.7	1597.8	1626.8	1652.4	1690.0
57.5°	1367.2	1367.9	1375.0	1382.8	1397.1	1409.6	1427.7	1442.2	1462.3	1478.6	1501.1
60°	1293.8	1290.0	1291.4	1294.1	1302.1	1310.3	1321.8	1331.3	1343.9	1353.2	1365.8
62.5°	1232.8	1226.7	1225.3	1224.6	1228.6	1231.6	1237.8	1242.4	1249.6	1253.7	1260.3
65°	1155.7	1148.5	1145.7	1142.4	1143.6	1142.6	1145.0	1145.1	1148.8	1149.6	1153.5
67.5°	1085.9	1079.8	1076.1	1071.7	1069.6	1066.4	1065.1	1062.0	1061.5	1058.9	1058.3
70°	1022.0	1016.2	1013.1	1008.9	1006.8	1002.6	1000.0	994.8	991.7	986.8	984.2
72.5°	948.3	945.0	944.0	941.2	940.5	938.1	937.0	933.4	931.2	927.1	924.7
75°	871.2	868.4	868.2	865.4	865.1	862.4	861.6	857.7	855.7	851.6	849.8
77.5°	779.3	775.3	774.1	770.8	771.6	770.2	771.4	768.4	767.2	763.0	761.7
80°	675.8	670.7	668.5	664.2	665.3	663.4	665.3	665.1	666.7	663.4	662.7
82.5°	553.3	547.6	546.5	543.5	545.6	545.7	550.1	547.8	548.7	545.6	546.9
85°	402.6	398.4	392.5	391.7	387.9	391.7	386.7	390.1	384.6	388.4	383.3
87.5°	249.6	240.9	236.2	230.0	227.7	221.6	219.1	214.8	216.1	214.1	215.2
90°	104.2	97.6	97.3	92.6	93.5	89.6	91.7	89.3	92.0	89.5	92.4
92.5°	39.2	40.9	44.0	47.6	50.5	53.7	56.9	60.5	63.4	66.9	69.9
95°	48.1	49.7	54.0	58.3	62.6	66.8	71.4	75.7	79.9	84.2	88.5
97.5°	60.2	61.1	65.4	69.7	74.0	78.2	82.5	87.0	91.3	95.5	99.8
100°	68.8	68.9	81.1	93.2	105.4	117.8	129.9	142.1	154.5	166.6	178.9
102.5°	126.6	129.7	160.5	191.4	222.2	252.9	283.9	314.8	345.5	376.5	407.4
105°	277.2	289.4	336.4	383.5	430.4	477.5	524.7	571.8	619.0	666.0	713.1
107.5°	512.5	534.6	577.1	619.6	662.0	704.7	747.5	790.0	832.5	875.2	918.0
110°	721.6	745.0	773.4	802.1	830.7	859.1	887.8	916.4	945.1	973.7	1002.5



TEST NUMBER: P1444685  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L930-UPL24

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	815.1	830.4	846.9	863.8	880.4	897.3	914.0	930.9	947.7	964.7	981.5
115°	812.3	819.7	826.1	832.8	839.4	846.0	852.7	859.6	866.5	873.2	880.1
117.5°	749.7	752.6	753.5	754.9	756.0	757.6	758.8	760.3	761.8	763.3	764.6
120°	656.2	655.6	654.7	654.0	653.1	652.5	651.9	651.2	650.7	650.3	649.6
122.5°	562.0	560.6	559.7	559.1	558.5	557.9	557.4	557.1	556.6	556.2	555.7
125°	479.4	478.1	479.3	480.7	482.1	483.5	485.0	486.7	488.1	489.7	491.3
127.5°	419.2	419.0	421.9	424.8	427.7	430.8	433.9	437.1	440.0	443.3	446.3
130°	381.4	382.5	386.0	389.9	393.4	397.3	401.2	405.1	408.8	412.6	416.3
132.5°	360.2	362.3	365.8	369.5	373.1	376.8	380.5	384.3	388.0	391.7	395.3
135°	349.8	352.4	355.7	359.0	362.4	365.9	369.3	372.9	376.1	379.6	382.9
137.5°	344.1	346.6	349.4	352.2	354.9	357.9	360.7	363.6	366.3	369.2	372.0
140°	343.5	346.1	347.7	349.7	351.5	353.3	354.9	356.9	358.6	360.6	362.2
142.5°	342.1	344.5	345.5	346.8	348.1	349.6	350.9	352.2	353.3	354.5	355.7
145°	342.2	344.1	344.4	345.0	345.4	345.9	346.3	346.8	347.1	347.5	347.8
147.5°	340.9	342.4	342.3	342.6	342.7	342.8	343.0	343.3	343.2	343.4	343.4
150°	337.8	338.9	338.5	338.6	338.4	338.3	338.0	337.9	337.7	337.6	337.3
152.5°	334.2	334.9	334.4	334.4	333.9	333.6	333.2	333.0	332.6	332.3	332.1
155°	328.9	329.4	329.1	328.9	328.7	328.5	328.2	328.3	328.2	328.0	328.0
157.5°	326.8	326.9	326.7	326.6	326.2	326.3	326.2	326.2	326.1	326.3	326.4
160°	326.2	326.4	326.2	326.1	326.0	325.8	325.7	325.7	325.8	326.1	326.2
162.5°	326.3	326.2	326.0	325.8	325.7	325.7	325.7	325.9	325.9	326.1	326.3
165°	328.8	328.9	328.4	328.4	328.1	327.9	327.8	327.8	327.9	327.9	328.0
167.5°	331.0	330.9	330.9	331.0	331.0	331.1	331.2	331.7	331.9	332.3	332.4
170°	335.0	335.1	334.9	334.8	334.7	334.6	334.7	334.6	334.8	334.8	334.9
172.5°	339.9	339.9	339.6	339.3	339.1	339.0	338.7	338.6	338.4	338.3	338.0
175°	343.1	343.0	342.8	342.7	342.6	342.4	342.2	341.8	341.7	341.6	341.4
177.5°	345.9	345.7	345.6	345.6	345.5	345.3	345.3	345.2	345.2	345.2	345.0
180°	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6



TEST NUMBER: P1444685  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L930-UPL24

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0
2.5°	31745.6	31745.2	31742.1	31743.5	31744.2	31746.4	31749.1	31751.9	31752.5	31754.8	31755.2
5°	31983.2	31904.6	31846.6	31782.7	31734.5	31691.3	31662.5	31639.6	31630.8	31633.0	31638.4
7.5°	32627.4	32465.3	32331.4	32179.4	32052.6	31918.3	31807.0	31701.1	31624.0	31566.6	31534.5
10°	33334.3	33136.8	32947.9	32727.8	32519.1	32296.2	32094.5	31891.3	31721.8	31574.7	31466.7
12.5°	33648.0	33508.4	33345.2	33137.5	32914.0	32657.0	32397.4	32119.1	31860.2	31619.9	31426.1
15°	33315.9	33316.1	33256.6	33156.9	33001.7	32796.3	32548.9	32258.8	31953.5	31641.9	31357.2
17.5°	32261.5	32460.4	32571.1	32641.1	32619.5	32543.9	32386.5	32163.6	31879.0	31547.0	31199.7
20°	30450.8	30919.9	31254.5	31555.3	31723.9	31836.0	31824.8	31734.1	31531.4	31249.1	30887.3
22.5°	27914.2	28701.8	29323.2	29902.7	30309.2	30639.8	30797.0	30863.6	30771.8	30575.2	30235.5
25°	24833.4	25904.2	26817.9	27704.8	28370.1	28941.8	29285.4	29527.5	29546.7	29444.0	29140.9
27.5°	21410.0	22674.0	23830.5	25009.1	25944.7	26766.6	27305.8	27700.6	27826.0	27809.4	27534.2
30°	17990.9	19317.8	20592.7	21967.1	23124.8	24174.8	24887.2	25421.0	25626.7	25666.1	25401.4
32.5°	14762.0	16070.5	17341.8	18778.7	20052.7	21256.1	22097.8	22731.8	22971.0	23027.4	22737.0
35°	11831.6	13038.8	14246.9	15639.5	16906.2	18152.3	19039.2	19703.0	19926.4	19964.1	19627.9
37.5°	9290.3	10318.9	11371.6	12621.1	13784.3	14954.7	15797.2	16421.2	16583.9	16573.9	16193.4
40°	7150.6	7950.2	8796.2	9824.8	10791.9	11781.2	12492.8	13008.5	13094.0	13030.7	12631.0
42.5°	5376.9	5954.4	6567.7	7335.5	8053.0	8793.5	9311.2	9694.1	9706.3	9606.1	9247.4
45°	4005.8	4569.2	4826.4	5290.7	5752.8	6245.2	6561.3	6797.8	6761.2	6673.1	6400.5
47.5°	3053.7	3270.2	3499.9	3787.8	4057.0	4615.7	4574.3	4954.1	4680.5	4867.1	4456.5
50°	2425.0	2546.0	2669.7	2822.5	2963.1	3109.2	3200.4	3268.6	3259.8	3230.5	3151.8
52.5°	2063.1	2100.5	2161.4	2248.3	2326.9	2405.8	2457.8	2500.0	2500.9	2489.0	2449.3
55°	1724.3	1771.8	1815.5	1872.4	1969.1	1983.9	2058.4	2043.3	2049.3	2028.6	2049.7
57.5°	1520.3	1547.9	1572.5	1606.3	1634.3	1666.9	1686.1	1704.7	1702.9	1698.9	1678.5
60°	1375.7	1391.0	1404.6	1424.4	1439.7	1458.2	1467.0	1476.4	1473.3	1466.5	1448.5
62.5°	1264.3	1273.8	1281.6	1294.4	1303.6	1315.1	1319.8	1323.8	1319.8	1313.3	1297.3
65°	1154.3	1160.4	1165.4	1175.0	1181.6	1191.4	1195.3	1199.0	1195.4	1190.3	1178.2
67.5°	1055.1	1055.7	1055.3	1059.1	1061.2	1067.1	1068.8	1071.5	1067.3	1063.0	1052.6
70°	979.9	978.4	976.5	978.0	978.4	981.2	981.7	981.2	976.2	968.6	957.4
72.5°	921.1	920.3	918.9	920.2	920.2	922.8	922.0	920.6	914.4	907.1	896.0
75°	845.5	845.0	842.1	842.2	839.9	840.7	837.7	835.9	828.9	822.8	812.8
77.5°	757.1	755.7	751.6	750.0	745.5	743.7	737.9	735.0	728.0	723.0	714.5
80°	658.4	656.9	651.5	648.6	641.5	637.0	628.5	623.7	615.5	610.7	602.4
82.5°	544.2	544.8	539.5	535.8	525.7	517.8	506.5	500.4	491.5	486.7	478.2
85°	387.0	381.5	384.4	384.3	377.8	371.2	361.9	355.4	347.8	343.4	337.4
87.5°	212.3	213.6	212.1	210.8	206.3	202.8	195.7	191.9	186.3	183.6	179.1
90°	85.5	83.9	77.2	75.7	69.2	65.8	58.3	55.8	48.8	47.5	43.0
92.5°	66.2	62.6	59.3	55.4	52.0	48.5	44.8	41.3	37.6	36.1	35.2
95°	83.2	78.2	72.9	67.6	62.5	57.2	52.0	46.9	41.6	40.5	39.5
97.5°	93.8	87.7	81.5	75.5	69.3	63.2	57.1	51.0	44.8	44.1	43.5
100°	164.9	150.8	136.5	122.4	108.3	94.1	80.0	65.9	51.8	51.0	50.2
102.5°	373.0	338.7	304.4	270.2	236.1	201.7	167.4	133.0	98.7	93.7	88.8
105°	661.2	609.3	557.5	505.5	453.7	401.7	349.9	297.8	245.9	229.2	212.5
107.5°	869.2	820.4	771.7	723.0	674.1	625.5	576.6	527.8	478.9	449.6	420.3
110°	963.9	925.2	886.7	847.9	809.3	770.7	732.0	693.2	654.5	629.2	604.1



TEST NUMBER: P1444685  
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**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	953.3	925.0	897.0	868.6	840.4	812.0	783.8	755.4	727.0	711.8	696.6
115°	863.3	846.4	829.6	812.6	795.7	778.9	761.8	744.7	727.7	719.8	711.8
117.5°	756.3	747.8	739.5	731.0	722.4	713.7	705.2	696.6	688.0	685.4	682.7
120°	647.5	645.2	642.7	640.4	638.0	635.6	633.2	630.7	628.0	628.6	629.2
122.5°	557.1	558.5	560.0	561.2	562.6	563.7	565.2	566.2	567.5	570.0	572.4
125°	494.3	497.1	500.1	502.9	505.7	508.6	511.5	514.1	517.0	519.4	522.1
127.5°	449.8	452.9	456.3	459.3	462.7	465.7	469.0	471.9	475.2	477.5	480.1
130°	419.4	422.1	425.2	427.8	430.8	433.6	436.4	439.2	442.0	444.1	446.0
132.5°	398.0	400.7	403.3	405.7	408.5	411.0	413.6	416.2	418.9	420.4	422.1
135°	385.2	387.0	389.2	391.0	393.3	395.2	397.4	399.5	401.7	402.9	404.2
137.5°	373.7	375.3	377.2	378.8	380.7	382.3	384.3	386.0	388.1	388.8	390.0
140°	363.9	365.7	367.5	369.2	371.2	372.9	375.0	376.9	379.0	379.8	380.9
142.5°	357.2	358.4	359.8	361.3	362.9	364.3	366.0	367.8	369.5	370.4	371.2
145°	349.5	351.0	352.7	354.1	355.8	357.6	359.7	361.4	363.5	364.1	364.9
147.5°	344.7	345.9	347.5	348.9	350.4	351.7	353.6	355.3	357.1	357.8	358.4
150°	338.8	340.1	341.5	342.9	344.6	346.2	348.0	349.7	351.8	352.6	353.5
152.5°	333.6	335.0	336.5	338.2	339.8	341.6	343.5	345.4	347.5	348.2	349.1
155°	329.5	330.9	332.5	334.2	336.0	337.5	339.3	341.1	343.1	344.0	344.8
157.5°	327.9	329.0	330.6	332.0	333.6	335.1	336.9	338.4	340.2	340.9	341.6
160°	327.5	328.7	330.1	331.4	332.8	334.2	335.7	337.1	338.6	339.3	340.1
162.5°	327.7	328.9	330.3	331.4	332.9	334.4	335.9	337.1	338.6	339.3	340.0
165°	329.0	330.1	331.1	332.0	333.2	334.1	335.3	336.3	337.6	338.1	338.9
167.5°	333.4	334.0	334.7	335.5	336.5	337.3	338.3	339.1	340.0	340.7	341.2
170°	335.5	336.2	336.9	337.7	338.4	339.2	339.9	340.5	341.5	342.0	342.6
172.5°	338.5	338.7	339.3	339.7	340.2	340.6	341.2	341.8	342.3	342.9	343.4
175°	341.8	341.9	342.2	342.3	342.6	342.8	343.2	343.5	343.8	344.2	344.6
177.5°	345.0	345.2	345.3	345.5	345.9	346.0	346.2	346.4	346.7	347.1	347.5
180°	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6



TEST NUMBER: P1444685  
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**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0
2.5°	31754.1	31753.8	31752.7	31751.4	31750.0	31750.8	31752.2	31755.8	31762.2	31771.4	31783.5
5°	31642.8	31649.2	31652.9	31653.4	31650.1	31648.0	31651.1	31659.9	31677.4	31706.9	31746.8
7.5°	31525.8	31533.9	31546.2	31555.3	31557.1	31554.9	31555.3	31569.1	31601.5	31659.0	31739.6
10°	31401.0	31377.3	31389.8	31412.7	31430.8	31434.2	31436.5	31452.6	31500.1	31587.0	31716.5
12.5°	31285.8	31210.6	31196.1	31216.8	31244.4	31253.3	31250.8	31257.8	31313.4	31428.4	31609.0
15°	31134.2	30992.8	30944.5	30949.8	30983.9	30996.2	30987.2	30973.6	31027.8	31168.1	31401.9
17.5°	30888.8	30660.9	30572.1	30568.2	30608.1	30618.7	30596.8	30554.3	30607.7	30782.9	31073.0
20°	30515.8	30179.4	30012.1	29985.6	30029.0	30016.3	29972.5	29908.2	29978.5	30191.4	30536.5
22.5°	29845.2	29419.0	29133.3	29041.2	29093.1	29058.4	28994.6	28912.6	29005.7	29247.7	29632.0
25°	28749.5	28257.0	27865.9	27646.5	27687.9	27625.9	27556.3	27456.9	27568.0	27845.9	28268.8
27.5°	27138.9	26570.0	26085.4	25722.2	25735.6	25654.3	25574.3	25445.6	25584.3	25913.2	26390.2
30°	24997.3	24339.0	23748.8	23255.3	23211.1	23132.3	23050.3	22881.4	23055.0	23448.6	24006.1
32.5°	22307.7	21576.8	20894.9	20270.8	20153.1	20076.3	20003.1	19808.8	20036.1	20495.0	21135.5
35°	19162.3	18383.8	17644.5	16931.7	16736.7	16659.8	16596.0	16409.7	16693.4	17192.8	17884.5
37.5°	15709.9	14914.6	14180.5	13449.7	13174.1	13069.8	13023.4	12901.5	13228.6	13722.7	14417.2
40°	12165.6	11426.1	10768.0	10122.5	9808.3	9648.8	9624.5	9602.2	9918.6	10347.2	10977.6
42.5°	8850.0	8253.4	7746.0	7252.5	6967.8	6750.0	6749.8	6816.0	7100.8	7421.9	7908.0
45°	6121.8	5721.4	5398.1	5068.4	5156.6	4722.2	4977.4	4846.5	4987.2	5194.2	5510.3
47.5°	4208.1	3989.5	3812.0	3627.8	3493.5	3365.3	3376.5	3459.2	3591.7	3714.5	3879.0
50°	3067.0	2955.7	2865.3	2769.6	2702.7	2646.2	2649.5	2685.3	2755.0	2819.7	2905.7
52.5°	2403.2	2341.8	2292.7	2239.8	2204.8	2176.6	2178.1	2195.5	2233.2	2270.2	2319.5
55°	1980.8	1973.4	1909.5	1862.0	1844.0	1825.1	1828.5	1835.4	1861.0	1882.6	1915.3
57.5°	1659.9	1631.2	1612.1	1587.0	1575.6	1562.4	1565.4	1568.0	1585.1	1599.6	1623.1
60°	1433.3	1413.0	1399.4	1382.4	1374.8	1366.5	1368.4	1369.9	1380.9	1390.4	1407.2
62.5°	1282.8	1264.6	1252.8	1239.7	1234.4	1228.7	1230.0	1230.5	1237.3	1244.3	1257.0
65°	1167.3	1152.9	1143.1	1131.7	1126.2	1120.3	1120.9	1120.9	1126.7	1131.7	1141.4
67.5°	1045.2	1034.3	1028.0	1019.0	1015.2	1009.2	1009.1	1007.2	1011.0	1013.0	1019.5
70°	947.2	936.2	928.1	919.5	914.8	909.4	909.6	909.7	914.0	918.7	927.1
72.5°	886.7	876.2	868.9	861.4	856.9	852.4	851.6	851.1	854.2	856.7	862.4
75°	806.5	798.1	793.8	786.8	783.2	778.1	777.3	774.9	776.4	777.0	781.1
77.5°	709.2	701.2	697.9	690.6	687.7	681.9	681.5	678.8	680.0	679.1	682.3
80°	598.3	591.1	589.2	583.3	581.9	576.6	575.8	572.6	573.5	571.0	572.2
82.5°	474.5	467.9	466.5	461.1	461.1	456.3	456.0	451.2	451.2	447.0	440.4
85°	334.3	329.5	327.4	322.9	321.6	317.8	315.7	311.1	309.5	306.6	305.6
87.5°	176.4	173.3	170.7	168.5	164.6	157.6	157.0	152.2	152.6	149.1	149.4
90°	42.1	37.9	37.2	33.3	32.3	29.6	28.8	28.9	29.6	29.8	30.7
92.5°	34.0	32.8	31.5	30.4	29.1	28.0	26.7	28.0	29.1	30.4	31.5
95°	38.4	37.3	36.3	35.2	34.1	33.1	32.0	33.1	34.1	35.4	36.4
97.5°	42.8	42.2	41.4	40.8	40.1	39.5	38.8	39.7	40.3	41.0	41.6
100°	49.4	48.6	47.8	47.0	46.2	45.4	44.6	45.5	46.3	47.1	47.9
102.5°	83.9	79.0	74.1	69.2	64.2	59.3	54.3	59.3	64.2	69.3	74.2
105°	195.8	179.2	162.5	145.8	129.0	112.4	95.6	112.5	129.1	145.9	162.7
107.5°	390.9	361.6	332.1	302.8	273.3	243.9	214.5	244.1	273.6	303.0	332.4
110°	578.7	553.5	528.1	502.8	477.4	452.1	426.7	452.2	477.7	503.0	528.4



TEST NUMBER: P1444685  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L930-UPL24

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	681.1	665.9	650.4	635.2	619.6	604.3	588.8	604.5	620.1	635.7	651.2
115°	703.9	695.8	687.8	679.8	671.6	663.5	655.3	663.9	672.2	680.5	688.8
117.5°	679.9	677.4	674.6	671.9	669.1	666.4	663.4	666.6	669.6	673.0	675.8
120°	629.6	630.3	630.7	631.1	631.6	631.9	632.2	632.4	632.4	632.4	632.3
122.5°	574.7	577.1	579.4	581.6	583.9	586.1	588.1	586.5	584.9	583.2	581.3
125°	524.3	527.1	529.4	531.8	534.1	536.6	538.3	537.1	535.3	533.6	531.7
127.5°	482.3	484.6	486.7	489.2	491.1	493.2	495.0	494.0	492.4	491.0	489.2
130°	447.8	449.9	451.6	453.4	455.0	456.5	457.9	457.2	456.3	455.6	454.3
132.5°	423.6	425.3	426.9	428.3	429.4	430.8	431.6	431.5	431.0	430.5	429.6
135°	405.5	406.7	407.8	409.1	409.9	410.8	411.3	411.6	411.4	411.3	410.8
137.5°	390.8	391.7	392.5	393.2	393.7	394.2	394.3	395.0	395.2	395.8	395.7
140°	381.7	382.7	383.4	384.1	384.7	385.3	385.3	386.1	386.4	386.7	386.6
142.5°	372.2	373.1	373.9	374.7	375.2	375.7	375.9	376.5	376.8	377.0	377.0
145°	365.7	366.3	367.0	367.7	368.0	368.3	368.2	369.1	369.5	369.9	370.2
147.5°	359.1	359.8	360.4	360.8	361.2	361.4	361.6	362.2	362.8	363.1	363.4
150°	354.4	355.2	355.8	356.6	357.2	357.6	357.7	358.3	358.6	358.9	358.9
152.5°	349.8	350.4	351.2	351.6	352.3	352.6	352.9	353.3	353.9	354.1	354.3
155°	345.5	346.4	347.1	347.8	348.3	348.8	349.3	349.8	350.1	350.4	350.6
157.5°	342.3	343.2	343.7	344.4	345.0	345.7	346.1	346.7	347.0	347.5	347.7
160°	340.6	341.5	341.9	342.6	343.3	343.8	344.3	344.9	345.3	345.7	346.2
162.5°	340.5	341.2	341.6	342.3	342.9	343.5	344.0	344.6	345.0	345.5	345.9
165°	339.6	340.3	340.9	341.7	342.5	343.1	343.6	344.1	344.3	344.6	344.9
167.5°	341.8	342.6	343.1	343.7	344.2	345.0	345.6	345.9	346.2	346.4	346.6
170°	343.1	343.7	344.3	344.8	345.4	345.9	346.4	346.6	346.8	347.0	347.3
172.5°	343.9	344.6	345.1	345.9	346.4	347.0	347.5	347.7	347.6	347.6	347.5
175°	345.0	345.6	345.9	346.5	346.8	347.4	347.9	347.7	347.8	347.6	347.6
177.5°	348.1	348.7	349.2	349.6	350.2	350.6	351.1	350.7	350.4	350.1	349.8
180°	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6



TEST NUMBER: P1444685  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L930-UPL24

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0
2.5°	31800.5	31816.4	31840.8	31862.8	31896.0	31922.2	31961.5	31991.4	32035.8	32064.6	32112.9
5°	31803.3	31865.5	31947.3	32027.2	32123.2	32210.3	32318.6	32410.8	32519.6	32608.5	32719.8
7.5°	31848.2	31968.3	32112.0	32256.9	32420.8	32574.1	32746.9	32903.2	33074.0	33218.6	33376.6
10°	31881.5	32066.5	32278.4	32491.6	32716.1	32924.7	33135.2	33317.2	33487.2	33627.1	33750.7
12.5°	31836.5	32091.4	32363.3	32625.9	32875.6	33091.4	33272.6	33412.5	33509.1	33574.6	33589.9
15°	31683.6	31990.3	32286.0	32547.5	32754.6	32914.4	32997.0	33035.8	32994.3	32925.3	32773.7
17.5°	31398.0	31721.4	31985.8	32192.1	32301.6	32344.9	32276.4	32157.3	31924.4	31666.0	31292.7
20°	30874.2	31175.7	31367.5	31480.0	31450.7	31342.4	31083.8	30769.5	30304.7	29809.2	29155.4
22.5°	29955.7	30219.3	30321.5	30329.8	30151.2	29880.1	29413.7	28874.5	28141.1	27378.7	26441.1
25°	28577.0	28807.8	28824.0	28733.3	28406.3	27967.0	27282.1	26519.5	25522.9	24507.0	23332.0
27.5°	26707.1	26928.5	26874.3	26705.1	26251.2	25663.3	24786.5	23801.3	22572.6	21372.7	20072.9
30°	24356.5	24593.3	24529.7	24312.6	23772.7	23077.9	22046.2	20901.5	19537.4	18255.9	16938.7
32.5°	21543.6	21842.9	21799.0	21592.7	21029.4	20285.7	19166.3	17952.2	16556.7	15293.6	14012.5
35°	18346.3	18709.7	18728.5	18593.7	18070.7	17335.7	16230.2	15055.2	13718.4	12526.7	11343.1
37.5°	14901.6	15323.0	15409.5	15373.1	14939.7	14290.8	13283.7	12229.5	11045.2	10000.9	8988.6
40°	11437.9	11864.4	12012.3	12056.2	11736.4	11233.8	10407.2	9556.3	8590.9	7744.6	6940.9
42.5°	8279.0	8657.2	8800.2	8890.1	8690.5	8355.3	7752.4	7134.5	6427.2	5816.8	5231.6
45°	5750.0	6017.4	6126.2	6216.8	6108.0	5918.9	5538.2	5151.7	4684.8	4285.9	3908.4
47.5°	4020.2	4167.7	4239.4	4283.3	4241.2	4142.6	3935.4	3711.5	3448.0	3214.9	2990.8
50°	2979.8	3058.3	3095.8	3121.2	3090.6	3035.8	2923.6	2801.7	2656.9	2525.0	2395.9
52.5°	2361.4	2406.4	2428.7	2442.4	2424.8	2391.3	2326.0	2253.7	2167.0	2085.4	2042.5
55°	1989.4	1987.0	2038.6	2013.7	2038.6	1983.0	1971.3	1891.8	1819.8	1769.0	1714.1
57.5°	1640.6	1663.9	1673.8	1685.0	1677.7	1667.6	1639.9	1611.4	1573.4	1541.6	1507.7
60°	1420.1	1439.4	1450.2	1461.2	1460.5	1456.7	1440.6	1423.7	1399.9	1380.9	1360.3
62.5°	1268.3	1284.9	1295.6	1306.1	1307.1	1305.6	1293.4	1281.6	1265.4	1253.5	1239.3
65°	1148.8	1160.4	1167.7	1176.1	1175.7	1173.5	1162.5	1152.7	1139.3	1131.0	1120.7
67.5°	1023.7	1032.6	1038.3	1046.2	1047.7	1048.2	1042.2	1037.6	1031.0	1028.6	1025.2
70°	934.8	945.6	954.7	964.7	970.1	972.7	970.1	967.8	963.9	962.3	959.6
72.5°	867.5	876.6	883.7	892.7	897.8	901.5	899.5	898.2	894.9	894.4	892.6
75°	783.9	790.2	794.2	801.0	803.7	807.2	805.7	806.5	805.4	808.0	807.9
77.5°	683.4	688.0	689.9	694.9	695.4	699.5	700.4	705.2	708.7	716.3	720.3
80°	570.3	573.3	573.3	578.3	580.6	587.5	590.8	598.8	602.4	609.2	609.7
82.5°	443.0	439.6	443.0	440.9	447.4	455.2	456.3	462.9	464.6	468.7	465.4
85°	302.9	302.6	300.0	300.4	298.4	299.3	298.2	299.4	298.3	298.4	295.3
87.5°	145.1	146.4	143.2	144.3	141.2	142.7	139.9	142.0	138.8	139.4	134.7
90°	31.1	31.8	32.3	33.1	34.2	36.3	38.6	40.7	43.4	45.5	47.9
92.5°	32.8	34.0	35.3	36.4	37.7	41.3	44.9	48.6	52.3	55.8	59.3
95°	37.5	38.6	39.7	40.9	42.0	47.2	52.4	57.7	62.9	68.1	73.3
97.5°	42.5	43.1	43.8	44.5	45.4	51.5	57.7	63.8	70.0	76.1	82.1
100°	48.9	49.7	50.5	51.4	52.2	66.4	80.6	94.8	109.0	123.1	137.2
102.5°	79.3	84.2	89.2	94.4	99.4	133.8	168.2	202.6	236.7	271.0	305.3
105°	179.4	196.1	213.2	229.8	246.6	298.6	350.7	402.8	454.6	506.5	558.6
107.5°	362.0	391.4	420.9	450.4	479.8	528.8	577.6	626.6	675.6	724.3	773.1
110°	554.2	579.3	605.0	630.5	655.9	694.6	733.5	772.2	811.0	849.7	888.5



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**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	666.8	682.2	697.8	713.0	728.5	756.9	785.6	814.0	842.6	870.6	899.2
115°	697.1	705.1	713.4	721.4	729.7	746.9	763.9	781.1	798.2	815.1	832.2
117.5°	678.8	681.7	684.8	687.2	690.3	699.0	707.7	716.5	725.2	734.0	742.7
120°	632.2	631.8	631.6	631.1	630.8	633.4	636.2	638.7	641.4	643.9	646.3
122.5°	579.3	577.2	575.1	573.0	570.9	569.6	568.6	567.4	566.5	565.2	564.1
125°	529.7	527.5	525.4	523.0	520.8	518.1	515.5	512.8	510.1	507.3	504.7
127.5°	487.7	485.6	483.8	481.6	479.5	476.4	473.5	470.3	467.5	464.3	461.3
130°	453.1	451.6	450.3	448.4	447.0	444.1	441.6	438.8	436.1	433.4	430.7
132.5°	428.9	427.7	426.8	425.3	424.2	421.6	419.4	416.7	414.3	411.8	409.5
135°	410.5	409.7	409.2	408.1	407.3	405.3	403.5	401.5	399.6	397.6	395.8
137.5°	395.7	395.2	395.0	394.5	394.1	392.3	390.8	389.1	387.6	385.8	384.3
140°	386.7	386.4	386.1	385.7	385.2	383.5	381.9	380.1	378.5	376.7	375.1
142.5°	377.0	376.8	376.6	376.1	375.8	374.4	373.2	371.9	370.4	369.1	367.8
145°	370.3	370.2	370.3	369.9	370.0	368.3	367.0	365.3	364.0	362.3	361.0
147.5°	363.7	363.7	363.8	363.8	363.9	362.4	361.4	360.0	359.0	357.6	356.5
150°	359.0	359.0	359.0	358.8	358.7	357.3	356.4	355.0	354.0	352.5	351.6
152.5°	354.4	354.6	354.7	354.8	354.9	353.7	352.4	351.2	350.0	348.7	347.5
155°	350.8	350.9	351.1	351.1	351.1	350.0	349.0	347.7	346.7	345.5	344.4
157.5°	348.0	348.3	348.4	348.6	348.7	347.7	346.8	345.9	345.0	343.9	343.0
160°	346.4	346.7	347.0	347.1	347.4	346.6	346.0	345.0	344.4	343.4	342.5
162.5°	346.2	346.6	346.8	346.9	347.2	346.4	345.8	345.0	344.2	343.2	342.4
165°	345.1	345.2	345.4	345.4	345.5	345.0	344.5	344.0	343.4	342.8	342.3
167.5°	346.7	346.8	347.0	347.0	347.1	346.7	346.7	346.1	345.7	345.3	344.9
170°	347.4	347.5	347.5	347.5	347.6	347.3	346.9	346.6	346.4	345.8	345.3
172.5°	347.5	347.5	347.4	347.4	347.2	346.9	346.8	346.6	346.4	346.1	345.9
175°	347.5	347.4	347.3	347.2	347.0	346.9	346.8	346.8	346.7	346.6	346.5
177.5°	349.5	349.3	348.9	348.6	348.3	348.2	348.2	348.1	348.1	348.0	347.8
180°	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6



TEST NUMBER: P1444685  
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**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0
2.5°	32142.8	31944.3	31918.0	31932.0	31965.2	31977.5	32013.2	32023.0	32059.1	32067.9	32102.5
5°	32806.0	32543.6	32556.7	32619.8	32715.3	32772.3	32866.1	32915.2	33004.9	33045.6	33126.6
7.5°	33505.4	33299.3	33363.5	33469.9	33600.6	33691.0	33803.8	33877.2	33974.4	34034.7	34112.5
10°	33848.8	33792.3	33863.0	33946.7	34021.3	34079.6	34127.4	34165.7	34190.7	34214.2	34224.5
12.5°	33587.4	33674.8	33686.8	33678.7	33629.4	33591.7	33507.0	33449.5	33347.4	33285.1	33163.7
15°	32618.7	32810.9	32704.5	32543.4	32307.7	32111.2	31833.7	31627.2	31338.2	31142.2	30852.2
17.5°	30918.7	31161.2	30883.9	30511.3	30037.2	29631.6	29126.6	28725.7	28223.5	27858.3	27389.7
20°	28525.4	28752.0	28257.6	27639.8	26906.4	26289.2	25561.4	24980.7	24304.3	23801.3	23194.0
22.5°	25545.5	25706.9	25010.4	24177.5	23243.2	22472.1	21601.9	20905.8	20133.9	19558.7	18911.3
25°	22248.7	22292.3	21456.9	20497.4	19456.0	18589.4	17660.4	16928.4	16141.2	15558.3	14922.9
27.5°	18921.4	18857.5	17954.4	16937.1	15841.7	14940.9	14034.8	13348.9	12659.5	12134.4	11587.0
30°	15780.7	15626.0	14688.4	13642.7	12579.4	11772.1	11019.9	10469.0	9920.6	9504.0	9064.7
32.5°	12900.8	12682.5	11769.8	10790.1	9894.1	9271.1	8713.4	8296.6	7853.6	7501.8	7133.0
35°	10349.8	10117.3	9308.8	8478.1	7800.1	7340.8	6902.4	6560.5	6184.4	5887.6	5567.3
37.5°	8160.5	7970.0	7292.6	6639.1	6126.2	5770.3	5411.1	5131.6	4820.9	4690.2	4348.0
40°	6299.9	6166.7	5637.1	5155.3	4770.2	4603.0	4238.3	3977.3	3745.0	3553.5	3368.1
42.5°	4914.0	4866.9	4351.5	3975.7	3704.6	3493.9	3290.7	3125.8	2965.2	2833.1	2708.4
45°	3606.2	3568.8	3340.1	3123.2	2938.4	2791.1	2653.8	2540.3	2435.3	2348.3	2269.2
47.5°	2808.1	2796.2	2664.4	2529.9	2413.5	2318.9	2229.7	2154.4	2084.7	2026.6	2007.7
50°	2284.0	2282.4	2205.1	2122.1	2039.2	1984.5	1927.6	1883.1	1838.3	1803.5	1766.7
52.5°	1940.6	1932.2	1880.0	1828.8	1779.5	1743.6	1707.2	1678.8	1649.1	1627.7	1604.8
55°	1670.7	1679.5	1649.3	1618.8	1587.9	1565.6	1540.1	1521.3	1501.0	1487.4	1473.6
57.5°	1483.1	1494.9	1479.0	1461.6	1442.9	1428.2	1410.7	1397.7	1384.1	1375.5	1367.5
60°	1346.8	1359.5	1353.2	1344.5	1332.9	1324.1	1312.9	1305.7	1297.0	1292.2	1287.6
62.5°	1231.1	1247.0	1244.7	1240.6	1233.2	1228.3	1222.2	1219.0	1213.2	1211.1	1209.0
65°	1115.6	1133.5	1133.2	1131.2	1127.0	1125.6	1121.9	1121.1	1118.2	1119.4	1119.1
67.5°	1024.8	1040.4	1043.8	1046.3	1046.2	1047.1	1046.7	1048.2	1048.2	1050.6	1052.0
70°	959.2	970.1	972.7	975.4	976.1	978.1	978.1	979.5	979.1	981.0	981.2
72.5°	893.0	907.3	909.9	912.0	912.0	914.0	913.0	912.6	909.8	909.2	907.2
75°	810.6	828.9	832.9	835.5	835.9	837.7	835.2	833.7	828.9	827.0	823.7
77.5°	724.5	743.6	746.3	747.3	745.8	746.2	740.9	737.4	731.4	728.9	725.7
80°	612.5	640.5	642.7	640.9	636.5	635.8	630.7	627.5	620.2	617.7	615.1
82.5°	466.1	498.9	503.5	505.5	502.0	502.8	498.0	496.0	489.4	488.3	483.9
85°	294.3	327.0	332.5	331.7	328.1	327.3	324.5	325.4	324.8	326.6	327.6
87.5°	135.2	167.0	174.7	172.2	171.8	169.6	164.5	166.4	169.4	171.5	171.5
90°	50.2	62.0	64.1	63.0	58.9	57.3	53.5	52.4	48.9	47.9	44.6
92.5°	63.0	66.6	70.2	67.0	63.8	60.6	57.4	54.0	50.9	47.6	44.5
95°	78.6	83.6	88.8	84.6	80.1	75.8	71.6	67.2	62.9	58.6	54.4
97.5°	88.2	94.2	100.2	95.9	91.6	87.2	83.0	78.7	74.4	70.0	65.8
100°	151.5	165.2	179.2	167.0	154.8	142.6	130.4	118.2	106.0	93.7	81.5
102.5°	339.5	373.6	407.8	376.9	345.9	315.1	284.4	253.4	222.6	191.7	160.9
105°	610.4	661.9	713.7	666.4	619.3	572.2	525.1	478.0	430.9	383.7	336.8
107.5°	821.9	869.9	918.4	875.8	833.1	790.6	747.8	705.2	662.6	619.9	577.4
110°	927.1	964.7	1003.2	974.5	945.8	917.0	888.4	859.6	831.1	802.6	774.0



TEST NUMBER: P1444685  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L930-UPL24

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	927.4	954.4	982.3	965.3	948.4	931.5	914.7	897.7	881.1	864.1	847.6
115°	849.2	864.5	881.1	874.0	867.3	860.4	853.5	846.8	840.1	833.2	826.8
117.5°	751.2	757.9	765.9	764.2	762.9	761.2	759.9	758.4	757.1	755.7	754.4
120°	648.8	649.2	651.2	651.5	652.1	652.6	653.2	653.7	654.3	654.9	655.7
122.5°	562.9	559.3	557.3	557.8	558.1	558.4	558.9	559.4	559.9	560.4	561.1
125°	502.0	496.5	493.0	491.4	489.9	488.3	486.7	485.1	483.7	482.3	480.9
127.5°	458.1	452.3	448.4	445.3	442.3	439.1	436.0	432.8	429.9	426.7	423.9
130°	428.0	422.2	418.7	414.8	411.3	407.3	403.6	399.8	395.9	392.2	388.4
132.5°	406.9	401.2	397.9	394.2	390.9	386.9	383.5	379.6	376.1	372.1	368.8
135°	393.8	388.4	385.7	382.2	379.2	375.7	372.4	368.8	365.7	362.1	359.0
137.5°	382.5	377.2	374.9	372.1	369.6	366.7	364.2	361.2	358.6	355.5	353.0
140°	373.2	367.8	365.2	363.6	362.1	360.2	358.6	356.8	355.2	353.5	351.7
142.5°	366.4	361.0	358.9	357.7	356.8	355.5	354.7	353.4	352.4	350.8	349.8
145°	359.5	353.5	351.1	350.7	350.6	350.3	350.0	349.7	349.3	348.9	348.5
147.5°	355.2	349.1	346.7	346.8	346.8	346.7	346.7	346.7	346.7	346.7	346.7
150°	350.1	343.2	340.4	340.8	340.9	341.2	341.5	341.7	342.1	342.3	342.6
152.5°	346.0	337.8	334.7	335.0	335.5	335.7	336.1	336.6	337.1	337.5	337.9
155°	343.0	334.0	330.7	330.6	330.8	330.9	331.1	331.3	331.6	331.9	332.2
157.5°	341.8	332.4	329.1	328.8	328.8	328.8	328.8	329.0	329.1	329.3	329.6
160°	341.5	332.1	328.9	328.6	328.6	328.5	328.4	328.4	328.6	328.7	328.9
162.5°	341.3	332.1	329.1	328.7	328.5	328.4	328.5	328.2	328.4	328.3	328.7
165°	341.5	333.4	330.6	330.4	330.4	330.3	330.3	330.4	330.6	330.7	331.0
167.5°	344.3	337.0	334.9	334.5	334.2	333.8	333.8	333.4	333.4	333.1	333.1
170°	344.9	339.1	337.2	337.0	337.2	337.1	337.0	337.0	337.0	336.9	337.1
172.5°	345.5	341.3	339.9	340.0	340.2	340.4	340.7	340.9	341.1	341.4	341.7
175°	346.3	343.8	343.2	343.1	343.2	343.4	343.4	343.6	343.7	343.9	344.2
177.5°	347.9	347.1	346.7	346.7	346.7	346.7	346.7	346.7	346.7	346.9	346.9
180°	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6



TEST NUMBER: P1444685  
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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0
2.5°	32109.0	32146.4	32143.6	32178.5	32176.8	32209.7	32203.1	32231.5	32225.1	32249.3	32235.1
5°	33162.2	33233.4	33257.0	33321.2	33334.5	33392.1	33393.2	33438.9	33433.3	33469.1	33450.1
7.5°	34158.6	34225.1	34256.6	34306.5	34331.4	34372.8	34389.0	34422.9	34431.1	34451.2	34450.6
10°	34242.6	34242.4	34258.0	34251.0	34264.9	34256.9	34273.9	34267.8	34292.9	34286.5	34305.5
12.5°	33111.3	32999.0	32958.0	32857.1	32835.1	32748.5	32754.6	32699.1	32725.9	32691.8	32749.9
15°	30679.7	30419.2	30290.5	30064.0	29993.0	29814.0	29799.4	29680.6	29712.6	29650.4	29741.3
17.5°	27086.4	26676.4	26451.3	26120.6	25989.3	25736.2	25685.4	25532.4	25556.1	25479.0	25588.8
20°	22802.4	22306.8	22023.0	21640.5	21470.0	21168.1	21088.1	20916.8	20938.3	20861.6	20985.8
22.5°	18469.5	17950.8	17630.3	17229.5	17011.6	16727.8	16642.6	16470.6	16480.4	16408.3	16527.8
25°	14487.7	13990.4	13679.3	13315.1	13126.1	12865.9	12776.4	12621.9	12630.7	12571.3	12678.5
27.5°	11207.2	10799.2	10539.0	10233.8	10064.3	9850.3	9763.1	9633.2	9632.9	9589.3	9678.8
30°	8757.8	8417.3	8183.7	7917.9	7758.7	7565.7	7481.4	7365.2	7360.1	7329.2	7400.4
32.5°	6857.2	6554.3	6341.2	6107.3	5964.4	5798.7	5719.0	5625.5	5617.0	5589.0	5647.5
35°	5330.6	5075.6	4892.3	4695.3	4709.8	4465.4	4506.0	4316.1	4264.7	4253.5	4296.9
37.5°	4119.9	3922.4	3773.5	3626.0	3526.1	3422.8	3367.2	3317.3	3311.6	3306.8	3337.2
40°	3224.8	3086.5	2978.3	2877.0	2808.3	2745.2	2710.5	2683.0	2676.5	2672.9	2691.3
42.5°	2610.0	2516.7	2446.9	2385.1	2343.3	2309.1	2290.0	2274.7	2269.6	2269.8	2280.7
45°	2205.1	2148.5	2103.5	2065.1	2038.5	2050.2	2015.7	2033.8	2009.9	2034.6	2018.3
47.5°	1941.9	1893.8	1865.9	1838.7	1822.6	1809.5	1810.0	1810.3	1815.3	1816.1	1821.5
50°	1738.8	1710.9	1691.6	1674.2	1665.8	1658.9	1661.4	1663.1	1668.0	1668.4	1672.3
52.5°	1588.5	1570.2	1558.5	1547.7	1544.0	1540.1	1541.8	1541.0	1543.3	1542.1	1545.2
55°	1466.2	1457.5	1453.9	1449.9	1450.4	1449.4	1450.1	1446.2	1443.8	1440.9	1443.6
57.5°	1365.8	1364.6	1367.1	1368.8	1373.3	1375.0	1376.1	1371.6	1367.4	1363.4	1365.7
60°	1288.5	1290.4	1296.5	1301.4	1308.0	1311.1	1313.0	1310.4	1307.4	1304.2	1306.1
62.5°	1212.2	1215.2	1222.5	1228.0	1236.0	1240.2	1244.7	1245.0	1246.2	1245.0	1246.3
65°	1123.6	1127.3	1133.9	1138.5	1145.9	1149.6	1154.3	1155.2	1157.8	1157.1	1159.4
67.5°	1056.4	1059.7	1065.2	1069.5	1076.1	1080.0	1084.1	1084.3	1085.2	1085.1	1087.1
70°	984.5	986.1	991.1	994.8	1001.4	1005.3	1010.0	1011.4	1014.4	1014.8	1017.2
72.5°	908.0	907.3	910.3	911.9	916.9	919.9	926.0	929.3	934.2	935.5	937.3
75°	824.7	823.9	827.5	828.9	833.1	836.2	842.9	847.3	855.0	858.2	857.4
77.5°	728.1	729.8	736.4	740.1	745.8	749.6	758.4	765.4	779.4	785.5	779.3
80°	620.2	622.0	628.9	632.3	639.7	644.5	654.3	662.4	675.0	677.8	674.2
82.5°	487.6	488.2	494.2	496.9	506.5	513.5	526.0	532.4	540.2	539.1	538.1
85°	332.5	337.0	344.7	352.4	364.1	375.5	387.2	396.8	390.1	400.7	388.7
87.5°	177.7	177.2	187.6	186.0	202.5	212.1	222.3	227.1	232.5	231.4	231.5
90°	43.9	41.6	41.8	39.2	40.2	37.3	39.2	36.6	39.0	35.7	41.0
92.5°	41.2	39.6	37.7	36.1	34.2	32.6	30.7	29.1	27.3	25.6	27.3
95°	50.1	48.5	46.9	45.2	43.6	42.0	40.4	38.8	37.2	35.6	37.6
97.5°	61.5	60.5	59.6	58.6	57.7	56.8	55.9	54.9	53.8	52.8	54.2
100°	69.2	69.2	69.2	69.2	69.1	69.1	69.1	69.1	69.1	69.1	70.1
102.5°	130.0	126.9	123.9	120.6	117.5	114.4	111.4	108.3	105.2	102.1	106.7
105°	289.6	277.6	265.5	253.4	241.2	229.2	217.2	205.1	193.0	181.0	193.5
107.5°	535.0	512.9	490.8	468.8	446.8	424.9	403.0	381.0	359.0	337.1	356.8
110°	745.3	722.0	698.5	675.2	651.9	628.4	605.2	581.9	558.6	535.3	554.0



TEST NUMBER: P1444685  
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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	830.8	815.5	800.4	785.3	770.1	755.2	740.1	725.0	710.1	695.1	704.2
115°	820.0	812.7	805.5	798.2	791.1	783.7	776.5	769.4	762.4	755.2	755.8
117.5°	753.1	750.4	748.0	745.4	742.9	740.5	738.2	735.9	733.5	731.4	726.3
120°	656.6	657.0	657.5	658.2	658.9	659.7	660.2	661.2	662.1	663.1	656.2
122.5°	561.7	563.0	564.6	566.2	567.9	569.6	571.5	573.4	575.5	577.5	570.6
125°	479.4	480.9	482.3	483.8	485.2	487.1	488.9	490.9	492.7	494.9	489.1
127.5°	420.9	421.2	421.2	421.8	422.0	422.8	423.5	424.3	425.2	426.3	422.7
130°	384.7	383.7	382.7	381.8	380.8	380.3	379.8	379.3	378.9	378.7	377.2
132.5°	364.9	363.1	361.2	359.4	357.7	356.3	354.8	353.7	352.5	351.6	351.1
135°	355.4	353.0	350.6	348.3	345.9	344.1	342.0	340.4	338.7	337.2	337.7
137.5°	350.1	347.8	345.2	343.1	340.8	338.9	336.9	335.1	333.5	332.0	332.8
140°	350.0	347.5	345.1	342.9	340.9	338.9	336.9	335.3	333.5	332.2	332.7
142.5°	348.5	346.6	344.2	342.4	340.2	338.5	336.9	335.4	333.6	332.6	333.1
145°	348.1	346.6	344.9	343.4	341.9	340.8	339.3	338.3	337.2	336.5	336.8
147.5°	346.5	345.4	344.1	343.0	341.8	340.9	339.8	339.1	338.3	337.7	337.8
150°	342.8	342.1	341.2	340.6	339.8	339.3	338.6	338.2	337.7	337.4	337.4
152.5°	338.4	337.8	337.0	336.5	335.9	335.4	334.9	334.6	334.2	333.9	333.9
155°	332.5	332.2	331.9	331.9	331.6	331.7	331.4	331.5	331.3	331.4	331.5
157.5°	329.8	329.8	329.7	329.9	330.0	330.0	330.1	330.3	330.3	330.7	330.9
160°	329.3	329.2	329.1	329.2	329.1	329.1	329.2	329.3	329.4	329.5	329.9
162.5°	328.7	329.1	329.2	329.4	329.7	330.0	330.3	330.8	331.1	331.5	331.9
165°	331.2	331.3	331.2	331.2	331.4	331.6	331.6	332.0	332.0	332.5	332.9
167.5°	333.0	333.2	333.3	333.5	333.7	334.1	334.4	334.8	335.2	335.8	336.2
170°	336.9	336.9	336.9	336.9	336.9	337.2	337.3	337.4	337.6	337.9	338.2
172.5°	341.8	341.8	341.6	341.8	341.6	341.8	341.8	341.9	341.9	342.0	342.2
175°	344.2	344.5	344.7	344.9	345.0	345.0	345.2	345.3	345.5	345.7	345.7
177.5°	346.9	347.0	347.0	347.0	347.0	347.1	347.1	347.1	347.1	347.0	347.1
180°	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6



TEST NUMBER: P1444685  
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**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0
2.5°	32258.8	32242.7	32259.2	32242.4	32259.2	32239.1	32252.7	32231.0	32236.5	32214.0	32219.8
5°	33478.6	33452.8	33466.6	33433.1	33436.6	33392.1	33391.2	33339.2	33325.6	33266.4	33240.4
7.5°	34464.9	34456.5	34461.2	34439.7	34437.3	34406.8	34392.3	34349.2	34322.2	34267.8	34230.6
10°	34308.8	34333.9	34340.4	34366.1	34371.3	34396.7	34402.1	34427.5	34432.7	34451.5	34451.8
12.5°	32747.2	32832.6	32853.0	32958.4	33002.8	33123.6	33188.3	33321.2	33400.2	33532.8	33614.2
15°	29738.8	29886.6	29945.5	30151.4	30265.3	30505.7	30656.8	30932.9	31127.7	31420.9	31629.9
17.5°	25598.5	25804.9	25898.0	26177.3	26359.5	26714.3	26970.1	27391.0	27713.3	28181.0	28551.8
20°	21007.1	21236.5	21362.9	21681.5	21896.5	22311.1	22630.4	23147.7	23579.0	24171.8	24678.7
22.5°	16565.2	16783.5	16924.0	17248.1	17490.1	17922.5	18279.4	18825.3	19308.7	19976.6	20584.3
25°	12719.0	12919.0	13045.9	13339.1	13566.4	13963.8	14304.6	14829.6	15302.6	15972.5	16595.7
27.5°	9723.5	9891.0	10013.4	10263.3	10463.8	10800.9	11093.5	11527.5	11934.9	12514.6	13069.5
30°	7444.1	7592.7	7711.7	7929.4	8115.3	8407.5	8664.8	9029.4	9366.6	9827.8	10269.2
32.5°	5688.6	5816.5	5922.5	6113.0	6281.7	6544.8	6776.7	7096.1	7385.6	7776.8	8140.0
35°	4337.4	4588.9	4571.1	4834.0	4876.2	5065.1	5271.9	5551.3	5807.6	6140.2	6449.4
37.5°	3366.5	3437.2	3513.0	3629.3	3751.3	3923.1	4097.8	4439.2	4564.4	4815.8	5071.7
40°	2714.7	2762.5	2812.6	2891.1	2976.6	3097.6	3224.9	3387.8	3554.6	3758.4	3966.5
42.5°	2295.0	2322.1	2353.9	2400.1	2452.8	2529.6	2614.7	2725.1	2841.1	2984.6	3131.0
45°	2050.5	2037.7	2047.1	2071.9	2103.6	2150.3	2204.1	2272.4	2348.0	2440.9	2539.8
47.5°	1822.6	1827.7	1830.6	1844.0	1861.0	1892.3	1924.9	1971.3	2060.9	2088.2	2142.1
50°	1672.0	1674.5	1673.6	1680.5	1689.1	1709.4	1730.5	1762.0	1793.3	1834.9	1874.6
52.5°	1545.8	1549.2	1548.8	1553.3	1557.9	1570.8	1584.1	1606.3	1626.9	1653.3	1676.1
55°	1446.1	1451.0	1452.8	1456.6	1458.9	1465.6	1470.9	1481.5	1490.3	1505.2	1519.0
57.5°	1369.4	1376.1	1379.1	1380.5	1377.7	1377.3	1375.6	1377.9	1379.6	1387.7	1395.4
60°	1309.1	1314.4	1315.2	1314.4	1309.4	1306.0	1300.3	1298.5	1297.6	1301.4	1305.7
62.5°	1246.0	1247.9	1246.5	1245.0	1239.3	1235.9	1230.0	1227.9	1225.9	1228.6	1230.8
65°	1158.6	1160.3	1158.6	1157.6	1152.5	1149.8	1144.8	1143.2	1140.4	1141.1	1140.7
67.5°	1087.6	1089.2	1088.0	1086.7	1083.1	1081.5	1077.8	1075.4	1072.0	1070.7	1068.4
70°	1016.9	1018.2	1016.2	1014.8	1010.8	1009.3	1005.9	1005.2	1002.4	1001.9	999.1
72.5°	935.5	935.6	932.8	932.0	929.0	928.9	927.5	928.8	928.7	930.1	929.5
75°	852.3	851.1	847.6	846.9	844.7	845.8	844.3	846.2	846.5	849.5	849.9
77.5°	768.9	764.5	757.8	754.6	750.2	749.5	747.0	748.7	748.1	751.7	753.1
80°	663.6	658.3	649.6	645.5	640.2	639.4	637.0	639.4	638.2	642.3	645.3
82.5°	529.8	525.2	516.2	512.9	506.8	507.4	504.7	507.4	507.1	513.1	516.7
85°	391.9	388.8	379.6	371.4	362.3	357.1	351.9	350.9	349.4	351.9	354.0
87.5°	226.3	223.5	216.3	211.6	195.7	196.3	190.1	189.7	188.2	186.8	190.1
90°	40.1	44.5	43.8	47.9	47.7	52.3	52.5	56.9	56.5	60.9	61.2
92.5°	29.1	30.7	32.5	34.2	36.0	37.7	39.5	41.2	44.9	48.4	52.4
95°	39.6	41.6	43.6	45.6	47.6	49.6	51.6	53.6	59.2	64.6	70.1
97.5°	55.7	56.9	58.2	59.5	60.9	62.2	63.5	64.9	70.9	76.8	82.7
100°	71.2	72.3	73.3	74.4	75.5	76.5	77.6	78.7	90.3	101.6	113.0
102.5°	111.2	115.8	120.3	124.8	129.6	134.1	138.7	143.2	169.4	195.5	221.6
105°	205.9	218.3	230.9	243.3	255.8	268.2	280.7	293.2	335.2	376.9	418.8
107.5°	376.5	396.1	415.8	435.6	455.3	475.0	494.7	514.5	555.3	596.3	637.0
110°	572.8	591.6	610.3	629.2	647.9	666.8	685.7	704.7	729.2	753.7	778.3



TEST NUMBER: P1444685  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L930-UPL24

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	713.4	722.4	731.7	741.0	750.2	759.5	768.7	778.1	790.4	802.7	815.2
115°	756.4	756.9	757.7	758.4	759.2	759.8	760.8	761.6	765.7	769.6	773.8
117.5°	721.3	716.3	711.5	706.4	701.6	697.0	692.2	687.7	687.1	686.4	686.1
120°	649.8	643.1	636.5	629.9	623.5	617.0	610.9	604.5	601.5	598.5	595.5
122.5°	564.0	557.4	551.0	544.5	538.2	531.9	525.9	519.7	517.7	515.7	513.8
125°	483.6	478.2	472.8	467.6	462.6	457.4	452.6	447.6	447.9	448.1	448.5
127.5°	419.5	416.2	413.0	410.0	407.3	404.3	401.6	398.9	400.8	402.7	404.7
130°	375.9	374.5	373.6	372.3	371.7	370.7	369.9	369.1	372.3	375.1	378.3
132.5°	351.2	351.1	351.3	351.5	351.9	352.3	353.0	353.3	356.8	360.1	363.6
135°	338.2	338.7	339.7	340.5	341.8	342.7	344.1	345.0	348.5	351.6	355.0
137.5°	333.6	334.4	335.6	336.7	338.2	339.3	341.0	342.3	345.0	347.6	350.3
140°	333.5	334.1	335.2	336.1	337.3	338.4	339.8	340.9	343.3	345.3	347.5
142.5°	333.9	334.4	335.4	336.4	337.5	338.5	339.7	340.7	342.4	343.9	345.9
145°	337.4	337.8	338.6	339.3	340.1	341.0	341.9	342.8	344.0	345.0	346.2
147.5°	338.4	338.7	339.3	339.9	340.6	341.1	341.8	342.4	343.4	344.1	345.0
150°	337.7	337.9	338.3	338.5	339.1	339.5	340.1	340.5	341.1	341.8	342.6
152.5°	334.4	334.4	334.8	335.1	335.4	335.9	336.1	336.7	337.3	337.8	338.5
155°	331.9	332.4	332.8	333.2	333.8	334.0	334.6	335.0	335.5	336.0	336.6
157.5°	331.4	331.6	332.2	332.5	333.0	333.4	333.8	334.2	334.8	335.2	335.6
160°	330.4	331.1	331.5	332.2	332.8	333.3	333.8	334.4	335.0	335.3	335.8
162.5°	332.4	332.8	333.3	333.6	334.1	334.6	335.0	335.4	336.2	336.5	337.3
165°	333.6	334.0	334.8	335.1	335.9	336.4	336.9	337.5	337.8	338.4	338.7
167.5°	336.8	337.2	337.9	338.5	339.0	339.5	340.1	340.6	341.0	341.3	341.8
170°	338.6	339.2	339.6	340.1	340.6	341.0	341.6	342.0	342.6	342.9	343.5
172.5°	342.6	342.9	343.3	343.5	343.9	344.4	344.8	345.0	345.5	345.9	346.2
175°	345.7	345.7	345.8	345.9	346.0	346.0	346.1	346.4	346.5	346.7	346.7
177.5°	347.3	347.4	347.5	347.6	347.8	347.9	348.1	348.2	348.2	348.2	348.2
180°	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6



TEST NUMBER: P1444685  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L930-UPL24

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0
2.5°	32197.2	32198.6	32172.6	32171.2	32146.9	32143.8	32120.1	32112.9	32093.7	32086.7	32067.1
5°	33174.1	33142.4	33069.3	33026.3	32954.1	32906.2	32828.1	32777.1	32701.6	32644.7	32568.8
7.5°	34162.0	34112.9	34030.8	33964.3	33864.1	33784.1	33666.8	33570.6	33443.7	33333.7	33200.3
10°	34451.8	34444.2	34423.3	34392.8	34346.2	34293.8	34214.0	34130.7	34019.3	33898.5	33750.1
12.5°	33738.8	33815.8	33920.8	33983.0	34058.7	34091.9	34122.9	34115.1	34094.7	34033.5	33947.8
15°	31932.8	32149.2	32435.6	32657.6	32913.0	33098.6	33303.6	33431.4	33558.7	33617.5	33653.5
17.5°	29059.9	29469.5	29983.2	30408.8	30899.9	31294.4	31726.8	32052.3	32387.0	32626.9	32843.8
20°	25369.7	25963.1	26689.5	27331.2	28077.5	28726.0	29436.6	30020.0	30621.6	31092.0	31537.2
22.5°	21366.9	22071.7	22950.0	23763.6	24725.5	25590.1	26565.5	27414.5	28300.9	29041.5	29757.5
25°	17431.0	18203.9	19164.2	20071.8	21161.3	22167.0	23323.9	24381.9	25527.7	26522.3	27504.9
27.5°	13836.8	14595.7	15576.1	16542.3	17694.4	18766.0	20005.5	21171.2	22475.7	23678.6	24909.3
30°	10882.8	11526.4	12405.5	13341.4	14477.6	15568.1	16821.0	18019.9	19377.0	20690.5	22076.6
32.5°	8622.1	9112.4	9803.6	10594.9	11643.4	12681.4	13874.4	15031.7	16368.2	17695.0	19136.6
35°	6847.5	7230.0	7756.9	8374.5	9262.3	10157.1	11212.3	12264.8	13511.6	14770.7	16171.9
37.5°	5399.7	5710.0	6122.7	6586.6	7298.7	8033.0	8898.3	9770.9	10854.3	11970.3	13240.2
40°	4216.5	4467.8	4789.1	5135.0	5672.7	6238.6	6907.8	7584.4	8454.8	9366.9	10418.0
42.5°	3312.5	3497.8	3724.7	3977.5	4479.2	4779.6	5233.4	5722.8	6362.7	7024.9	7815.0
45°	2660.1	2786.6	2944.0	3113.6	3346.4	3601.2	3912.0	4237.9	4845.7	5143.9	5624.5
47.5°	2221.5	2306.4	2406.5	2513.4	2650.7	2798.9	2983.2	3171.7	3415.4	3667.9	3964.1
50°	1926.1	2012.4	2046.8	2102.1	2181.6	2266.3	2370.2	2474.1	2604.8	2737.2	2889.7
52.5°	1706.8	1734.9	1772.3	1807.5	1856.8	1953.1	1984.3	2038.6	2111.9	2183.6	2263.7
55°	1539.4	1557.7	1582.0	1603.2	1633.0	1661.4	1702.5	1738.7	1787.5	1830.8	1884.0
57.5°	1409.0	1420.7	1437.6	1451.5	1470.7	1486.9	1510.9	1530.5	1558.6	1583.0	1615.3
60°	1314.3	1322.1	1333.4	1342.5	1354.8	1363.2	1375.1	1384.3	1399.2	1411.6	1429.6
62.5°	1237.0	1241.0	1248.4	1253.7	1261.5	1265.8	1272.2	1276.2	1284.3	1290.5	1300.6
65°	1144.1	1145.1	1150.1	1152.3	1158.5	1160.7	1165.9	1167.7	1174.5	1179.2	1188.0
67.5°	1068.1	1066.0	1066.2	1064.4	1065.2	1063.4	1063.8	1062.0	1064.7	1066.2	1072.8
70°	998.7	995.8	994.8	991.6	990.7	987.4	986.4	983.5	983.1	982.1	984.5
72.5°	931.1	930.2	930.4	928.2	927.9	925.7	925.8	924.5	926.0	926.7	929.7
75°	853.3	853.4	855.0	853.0	853.5	851.7	852.4	850.6	851.6	851.2	854.2
77.5°	758.5	760.8	764.9	764.1	765.4	763.3	764.2	761.7	762.5	760.8	761.9
80°	652.0	656.8	662.3	662.0	664.4	662.9	665.0	662.7	663.6	660.8	660.1
82.5°	525.6	529.6	535.5	535.8	540.9	541.8	547.6	547.4	551.1	548.7	547.1
85°	359.3	362.0	367.2	370.1	375.3	378.6	384.3	386.5	382.5	389.8	384.0
87.5°	187.6	194.6	190.7	199.8	197.7	206.8	204.9	213.3	211.7	219.0	218.1
90°	66.7	67.6	73.4	74.7	81.6	83.6	87.1	84.7	88.0	85.9	89.2
92.5°	55.9	60.0	63.7	67.5	71.2	75.0	71.5	68.0	64.5	61.1	57.6
95°	75.6	81.1	86.5	92.1	97.5	103.0	97.1	91.3	85.5	79.6	73.6
97.5°	88.6	94.5	100.4	106.3	112.3	118.2	111.2	104.3	97.3	90.5	83.4
100°	124.4	135.9	147.3	158.7	170.1	181.5	168.6	155.7	142.8	129.8	116.9
102.5°	247.9	273.9	300.2	326.4	352.5	378.7	351.4	323.9	296.4	269.0	241.4
105°	460.7	502.6	544.4	586.4	628.2	670.3	625.7	581.2	536.6	492.2	447.4
107.5°	678.0	718.7	759.8	800.5	841.5	882.5	837.4	792.1	747.1	701.9	656.7
110°	803.0	827.6	852.3	877.1	901.7	926.4	893.5	860.6	827.7	794.7	761.7



TEST NUMBER: P1444685  
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**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	827.5	840.2	852.5	865.1	877.5	890.1	866.6	843.2	819.7	796.3	772.7
115°	777.9	782.1	786.2	790.4	794.5	798.7	783.0	767.2	751.6	735.8	719.9
117.5°	685.6	685.4	684.8	684.7	684.0	683.7	675.0	666.5	657.7	648.9	640.1
120°	592.5	589.6	586.6	583.7	580.7	577.6	574.2	570.8	567.0	563.6	559.8
122.5°	511.9	510.1	508.1	506.3	504.2	502.2	501.0	499.9	498.7	497.5	496.1
125°	448.9	449.0	449.4	449.8	449.9	450.2	449.7	449.3	448.8	448.4	447.8
127.5°	406.4	408.4	410.2	412.1	413.7	415.5	415.5	415.8	415.8	416.0	416.0
130°	381.1	384.3	387.1	389.9	392.5	395.7	395.4	395.4	395.2	395.2	395.0
132.5°	367.0	370.3	373.5	376.9	380.1	383.2	383.0	382.9	382.5	382.5	382.2
135°	358.1	361.4	364.4	367.7	370.5	373.7	373.2	373.0	372.5	372.4	372.0
137.5°	352.7	355.6	358.0	360.6	362.8	365.4	364.9	364.7	364.2	363.9	363.5
140°	349.5	351.6	353.5	355.7	357.6	359.6	359.0	358.5	357.8	357.3	356.5
142.5°	347.4	349.1	350.4	352.2	353.6	355.2	354.0	353.2	352.3	351.4	350.3
145°	347.4	348.5	349.6	350.7	351.5	352.6	351.3	350.3	348.9	347.9	346.7
147.5°	345.6	346.5	346.9	347.8	348.2	349.1	347.8	346.7	345.5	344.2	343.0
150°	343.1	343.9	344.4	345.0	345.6	346.2	344.9	343.6	342.3	341.0	339.7
152.5°	339.2	339.7	340.2	340.7	341.2	341.7	340.4	339.3	338.0	336.7	335.4
155°	336.9	337.5	337.7	338.2	338.3	338.6	337.4	336.6	335.4	334.4	333.1
157.5°	336.0	336.5	336.9	337.0	337.3	337.7	336.8	336.1	335.2	334.4	333.5
160°	336.1	336.5	336.9	337.1	337.5	337.6	336.9	336.4	335.7	334.9	334.1
162.5°	337.7	338.3	338.6	339.0	339.4	339.9	339.0	338.4	337.5	336.7	335.7
165°	339.1	339.4	339.8	340.1	340.2	340.6	340.1	339.6	339.0	338.5	337.8
167.5°	342.0	342.5	342.7	343.1	343.2	343.4	342.8	342.6	341.8	341.4	340.7
170°	343.8	344.2	344.7	345.0	345.3	345.5	345.2	344.8	344.2	343.8	343.3
172.5°	346.7	347.0	347.2	347.5	347.6	348.0	347.5	347.0	346.6	346.0	345.5
175°	346.7	346.8	347.1	347.1	347.1	347.2	346.8	346.4	346.0	345.6	345.2
177.5°	348.2	348.2	348.2	348.1	348.1	348.1	347.8	347.5	347.3	347.0	346.6
180°	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6



TEST NUMBER: P1444685  
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**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0	31860.0
2.5°	32060.1	32046.2	32037.2	32025.8	32018.8	32009.9	32003.4	31997.9	31993.4	31989.2	31986.2
5°	32510.9	32439.3	32383.6	32323.4	32273.9	32224.6	32186.6	32155.1	32133.3	32117.0	32107.3
7.5°	33084.9	32953.7	32837.1	32714.3	32604.2	32495.9	32402.6	32322.2	32261.9	32222.8	32199.1
10°	33597.5	33421.9	33248.2	33065.5	32892.0	32724.0	32568.8	32432.3	32324.3	32252.5	32210.6
12.5°	33827.3	33677.7	33500.3	33301.8	33089.4	32874.5	32665.0	32476.1	32317.5	32211.1	32149.7
15°	33624.9	33563.4	33443.1	33289.0	33087.5	32865.3	32619.3	32388.1	32175.5	32037.5	31957.6
17.5°	32966.6	33052.4	33043.1	32984.2	32839.3	32652.2	32401.6	32142.0	31875.9	31691.6	31590.9
20°	31855.7	32125.2	32261.9	32332.0	32275.1	32153.9	31926.9	31663.3	31353.3	31112.7	30965.8
22.5°	30294.6	30770.3	31066.8	31283.8	31329.8	31288.5	31088.1	30837.4	30491.8	30202.5	29985.6
25°	28284.9	28982.0	29450.5	29817.9	29960.5	29997.4	29826.8	29577.5	29192.3	28855.3	28557.4
27.5°	25917.9	26823.6	27449.0	27942.7	28165.4	28262.0	28105.1	27850.8	27395.0	26992.7	26603.5
30°	23253.0	24327.5	25080.7	25672.5	25944.1	26071.7	25905.0	25621.1	25090.7	24606.7	24116.4
32.5°	20400.8	21576.5	22397.3	23040.0	23309.1	23429.2	23211.1	22892.3	22279.2	21708.9	21137.2
35°	17414.5	18601.2	19429.0	20054.6	20280.0	20352.5	20073.5	19705.0	19025.8	18399.9	17776.4
37.5°	14367.4	15471.5	16223.7	16785.2	16924.8	16937.3	16601.2	16194.2	15480.3	14863.1	14242.5
40°	11346.6	12277.8	12885.2	13334.6	13383.0	13339.7	12974.4	12564.8	11897.0	11344.0	10799.2
42.5°	8501.2	9204.1	9637.4	9945.4	9927.1	9841.7	9506.8	9154.6	8603.7	8182.5	7753.7
45°	6063.5	6527.0	6780.3	6960.5	6902.7	6821.3	6560.6	6313.8	5939.4	5667.4	5379.2
47.5°	4212.4	4765.8	4669.5	5021.8	4718.2	4918.7	4501.2	4271.1	4072.3	3927.8	3765.0
50°	3015.7	3142.5	3203.8	3245.6	3223.3	3192.6	3117.6	3050.5	2959.7	2893.6	2816.4
52.5°	2329.0	2392.4	2427.1	2452.2	2447.2	2436.0	2403.3	2373.5	2331.0	2303.0	2269.2
55°	1972.7	1973.7	2037.5	2010.1	2050.6	2003.2	2021.8	1969.3	1977.8	1932.7	1902.3
57.5°	1639.3	1665.3	1676.9	1688.3	1685.1	1683.1	1670.4	1664.0	1649.8	1645.4	1635.2
60°	1442.0	1455.5	1458.3	1463.6	1459.2	1457.5	1447.7	1444.1	1434.6	1432.8	1426.0
62.5°	1306.7	1313.6	1313.6	1313.6	1307.9	1302.5	1291.5	1285.7	1277.6	1275.8	1271.9
65°	1193.8	1201.0	1202.1	1203.7	1199.6	1195.3	1185.6	1179.3	1171.0	1167.7	1163.3
67.5°	1077.2	1084.9	1087.5	1091.4	1089.1	1088.2	1081.6	1079.1	1073.6	1072.2	1068.1
70°	985.7	988.9	988.6	988.5	983.4	978.7	971.1	967.4	961.6	960.5	956.6
72.5°	931.2	933.6	932.1	930.1	923.4	916.5	907.5	900.9	893.4	888.6	883.3
75°	854.6	857.6	855.7	854.4	848.4	843.9	836.7	833.0	827.7	826.2	822.5
77.5°	760.5	761.9	758.9	758.5	753.9	751.1	745.6	744.7	740.8	740.9	737.4
80°	655.8	655.0	650.0	649.1	644.5	643.3	639.0	639.3	636.2	637.5	635.0
82.5°	539.6	536.6	530.1	528.3	522.9	522.5	519.6	522.0	520.2	522.9	521.3
85°	386.7	387.6	384.7	384.7	383.2	383.6	383.4	385.2	385.4	388.0	387.9
87.5°	215.6	218.7	218.1	220.9	220.8	224.0	225.0	229.7	230.4	234.7	234.7
90°	87.1	90.8	88.7	92.5	91.7	96.2	96.2	100.9	100.3	104.2	102.6
92.5°	54.1	50.6	47.2	43.7	41.9	39.9	38.7	36.4	34.9	33.0	31.2
95°	67.7	61.8	56.0	50.1	48.0	46.0	43.9	42.0	39.9	38.0	35.9
97.5°	76.5	69.5	62.6	55.6	53.8	52.1	50.3	48.6	46.8	45.1	43.3
100°	103.9	90.9	78.1	65.0	63.4	62.0	60.5	59.1	57.6	56.0	54.4
102.5°	214.0	186.4	158.8	131.3	126.0	120.8	115.6	110.2	105.1	99.8	94.5
105°	402.9	358.1	313.6	268.9	254.7	240.5	226.3	212.0	197.8	183.7	169.4
107.5°	611.4	566.1	520.8	475.4	449.4	423.1	396.9	370.4	344.4	318.0	291.8
110°	728.8	695.7	662.7	629.5	608.6	587.4	566.2	545.1	524.2	502.9	481.7



TEST NUMBER: P1444685  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L930-UPL24

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	749.1	725.6	701.9	678.1	668.7	659.1	649.7	640.1	630.5	620.8	611.2
115°	704.0	688.2	672.2	656.1	653.0	649.6	646.4	643.0	639.7	636.2	632.7
117.5°	631.5	622.5	613.7	604.8	605.4	606.1	606.8	607.3	607.8	608.3	608.7
120°	556.2	552.5	548.9	545.1	548.3	551.2	554.4	557.1	560.2	562.8	565.6
122.5°	494.9	493.5	492.4	490.8	494.7	498.3	501.9	505.5	508.9	512.1	515.4
125°	447.4	446.8	446.4	445.6	449.5	453.1	456.9	460.3	463.9	467.1	470.4
127.5°	416.3	416.3	416.4	416.3	419.3	421.8	424.4	426.9	429.5	431.7	434.0
130°	395.0	394.7	394.8	394.5	397.1	399.5	402.1	404.2	406.6	408.5	410.5
132.5°	382.1	381.8	381.6	381.2	383.4	385.1	387.0	388.4	390.1	391.3	392.7
135°	371.7	371.2	371.0	370.4	372.3	374.1	375.8	377.2	378.7	379.8	381.0
137.5°	363.2	362.8	362.3	361.9	363.6	365.2	366.7	368.0	369.3	370.4	371.3
140°	356.2	355.5	355.0	354.3	355.8	357.2	358.6	359.8	361.0	361.8	362.8
142.5°	349.4	348.3	347.5	346.5	347.5	348.6	349.6	350.5	351.5	352.1	352.6
145°	345.5	344.1	343.1	341.8	342.7	343.4	344.3	345.0	345.6	345.9	346.6
147.5°	342.0	340.6	339.3	338.1	339.0	339.5	340.0	340.4	341.0	341.3	341.6
150°	338.4	336.9	335.5	334.2	334.6	335.1	335.4	336.0	336.3	336.5	336.8
152.5°	334.0	332.8	331.3	329.9	330.3	330.5	330.8	331.0	331.2	331.4	331.5
155°	332.1	330.9	329.7	328.3	328.7	328.8	329.0	329.2	329.2	329.3	329.3
157.5°	332.6	331.4	330.7	329.5	329.5	329.5	329.6	329.3	329.3	329.0	328.8
160°	333.5	332.5	331.7	330.8	330.6	330.6	330.6	330.3	330.2	329.8	329.5
162.5°	334.8	333.8	332.8	331.8	331.7	331.7	331.6	331.2	331.1	330.8	330.6
165°	337.3	336.5	335.8	335.0	334.9	334.6	334.5	334.0	333.8	333.3	332.9
167.5°	340.1	339.3	338.5	337.7	337.7	337.7	337.6	337.3	337.3	336.9	336.9
170°	342.7	342.1	341.6	340.9	340.7	340.6	340.3	340.1	339.7	339.5	339.2
172.5°	344.9	344.3	343.7	342.9	342.9	342.8	342.6	342.5	342.1	341.8	341.8
175°	344.7	344.3	343.6	343.3	343.2	343.1	342.9	342.8	342.6	342.5	342.2
177.5°	346.3	346.0	345.6	345.3	345.1	345.1	345.0	345.0	345.0	344.8	344.7
180°	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6	346.6



TEST NUMBER: P1444685  
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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	31860.0	31860.0
2.5°	31983.3	31981.7
5°	32102.2	32100.4
7.5°	32192.7	32192.1
10°	32203.4	32208.9
12.5°	32139.1	32143.6
15°	31951.4	31960.3
17.5°	31592.8	31604.3
20°	30974.8	30986.7
22.5°	29973.9	29978.9
25°	28518.9	28498.2
27.5°	26535.2	26499.6
30°	24013.4	23979.0
32.5°	21006.8	20985.3
35°	17622.4	17608.8
37.5°	14059.1	14031.5
40°	10600.0	10519.5
42.5°	7566.0	7424.7
45°	5228.8	5061.2
47.5°	3650.2	3546.6
50°	2766.8	2733.4
52.5°	2254.4	2246.7
55°	1902.2	1898.8
57.5°	1637.5	1636.3
60°	1429.6	1429.2
62.5°	1274.5	1275.1
65°	1165.3	1165.5
67.5°	1069.2	1068.5
70°	958.1	957.3
72.5°	881.6	880.3
75°	822.5	821.7
77.5°	738.5	737.2
80°	636.6	635.0
82.5°	523.6	521.8
85°	390.6	390.7
87.5°	239.0	238.8
90°	106.2	104.1
92.5°	29.8	28.2
95°	34.0	31.9
97.5°	41.6	39.8
100°	53.0	51.5
102.5°	89.4	84.1
105°	155.2	141.1
107.5°	265.5	239.3
110°	460.5	439.4



TEST NUMBER: P1444685  
CATALOG NUMBER: EHBR1-42-UNV-TA-L930-UPL24

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	601.5	591.9
115°	629.1	625.6
117.5°	609.1	609.3
120°	568.0	570.7
122.5°	518.5	521.5
125°	473.5	476.5
127.5°	435.9	437.7
130°	411.9	413.7
132.5°	393.6	394.5
135°	381.7	382.6
137.5°	372.0	372.7
140°	363.2	363.8
142.5°	353.1	353.3
145°	346.7	347.0
147.5°	341.3	341.5
150°	336.7	336.7
152.5°	331.3	331.4
155°	329.1	329.0
157.5°	328.4	328.2
160°	329.2	328.9
162.5°	330.1	329.9
165°	332.4	331.9
167.5°	336.3	336.2
170°	338.8	338.5
172.5°	341.4	341.1
175°	342.1	342.0
177.5°	344.7	344.4
180°	346.6	346.6

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-5

Test Date: 08/01/2025

Luminaire Tested: EHBR-60-L930-N

Data in this report applies to families of products including EHBR-60-L930-N

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2506-472-5  
 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-L930-N**  
 Description: Elevate Round Highbay at, 60000 lumens, 3000K 90CRI LEDs with N lens

**Spectral Parameters**

CCT (K): 2996  
 CIE u': 0.2519  
 CIE v': 0.5169  
 Duv: -0.0033  
 CIE x: 0.4325  
 CIE y: 0.3945  
 CIE z: 0.1730  
 Peak Wavelength (nm): 630  
 Dominant Wavelength (nm): 584  
 Purity: 48.21818  
 Rf: 91.3  
 Rg: 102

CRI (Ra):	94.4		
R1:	96.8	R9:	61.4
R2:	98.1	R10:	94.4
R3:	97.8	R11:	95.7
R4:	95.6	R12:	88.5
R5:	96.9	R13:	97.3
R6:	95.7	R14:	97.8
R7:	90.9	R15:	92.3
R8:	83.0		



**Test Conditions**

Stabilization Time: 40M  
 Operation Time: 1H 40M  
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2506-472-5

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: SP1-2506-472-5

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 3000K 7-step quadrangle

REPORT NUMBER: SP1-2506-472-5

**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	101	NR	620	317	NR	750	7	NR	880	0	NR
365	0	NR	495	121	NR	625	320	NR	755	6	NR	885	0	NR
370	0	NR	500	141	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	158	NR	635	651	NR	765	4	NR	895	0	NR
380	0	NR	510	171	NR	640	207	NR	770	4	NR	900	0	NR
385	0	NR	515	182	NR	645	201	NR	775	3	NR	905	0	NR
390	0	NR	520	189	NR	650	174	NR	780	3	NR	910	0	NR
395	1	NR	525	194	NR	655	146	NR	785	2	NR	915	0	NR
400	1	NR	530	199	NR	660	124	NR	790	2	NR	920	0	NR
405	3	NR	535	205	NR	665	105	NR	795	2	NR	925	0	NR
410	4	NR	540	210	NR	670	96	NR	800	1	NR	930	0	NR
415	7	NR	545	216	NR	675	79	NR	805	1	NR	935	0	NR
420	13	NR	550	222	NR	680	67	NR	810	1	NR	940	0	NR
425	22	NR	555	230	NR	685	58	NR	815	1	NR	945	0	NR
430	37	NR	560	240	NR	690	49	NR	820	1	NR	950	0	NR
435	60	NR	565	248	NR	695	42	NR	825	1	NR	955	0	NR
440	101	NR	570	258	NR	700	36	NR	830	1	NR	960	0	NR
445	172	NR	575	268	NR	705	30	NR	835	1	NR	965	0	NR
450	223	NR	580	278	NR	710	26	NR	840	1	NR	970	0	NR
455	167	NR	585	287	NR	715	22	NR	845	0	NR	975	0	NR
460	126	NR	590	295	NR	720	19	NR	850	0	NR	980	0	NR
465	111	NR	595	298	NR	725	16	NR	855	0	NR	985	0	NR
470	86	NR	600	303	NR	730	14	NR	860	0	NR	990	0	NR
475	74	NR	605	307	NR	735	12	NR	865	0	NR	995	0	NR
480	77	NR	610	341	NR	740	10	NR	870	0	NR	1000	0	NR
485	86	NR	615	368	NR	745	8	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-5

**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.44**

$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)
360	0	NR	490	101	NR	620	317	NR	750	7	NR	880	0	NR
365	0	NR	495	121	NR	625	320	NR	755	6	NR	885	0	NR
370	0	NR	500	141	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	158	NR	635	651	NR	765	4	NR	895	0	NR
380	0	NR	510	171	NR	640	207	NR	770	4	NR	900	0	NR
385	0	NR	515	182	NR	645	201	NR	775	3	NR	905	0	NR
390	0	NR	520	189	NR	650	174	NR	780	3	NR	910	0	NR
395	1	NR	525	194	NR	655	146	NR	785	2	NR	915	0	NR
400	1	NR	530	199	NR	660	124	NR	790	2	NR	920	0	NR
405	3	NR	535	205	NR	665	105	NR	795	2	NR	925	0	NR
410	4	NR	540	210	NR	670	96	NR	800	1	NR	930	0	NR
415	7	NR	545	216	NR	675	79	NR	805	1	NR	935	0	NR
420	13	NR	550	222	NR	680	67	NR	810	1	NR	940	0	NR
425	22	NR	555	230	NR	685	58	NR	815	1	NR	945	0	NR
430	37	NR	560	240	NR	690	49	NR	820	1	NR	950	0	NR
435	60	NR	565	248	NR	695	42	NR	825	1	NR	955	0	NR
440	101	NR	570	258	NR	700	36	NR	830	1	NR	960	0	NR
445	172	NR	575	268	NR	705	30	NR	835	1	NR	965	0	NR
450	223	NR	580	278	NR	710	26	NR	840	1	NR	970	0	NR
455	167	NR	585	287	NR	715	22	NR	845	0	NR	975	0	NR
460	126	NR	590	295	NR	720	19	NR	850	0	NR	980	0	NR
465	111	NR	595	298	NR	725	16	NR	855	0	NR	985	0	NR
470	86	NR	600	303	NR	730	14	NR	860	0	NR	990	0	NR
475	74	NR	605	307	NR	735	12	NR	865	0	NR	995	0	NR
480	77	NR	610	341	NR	740	10	NR	870	0	NR	1000	0	NR
485	86	NR	615	368	NR	745	8	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-5

**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: NR**

**M/P: 2.85**

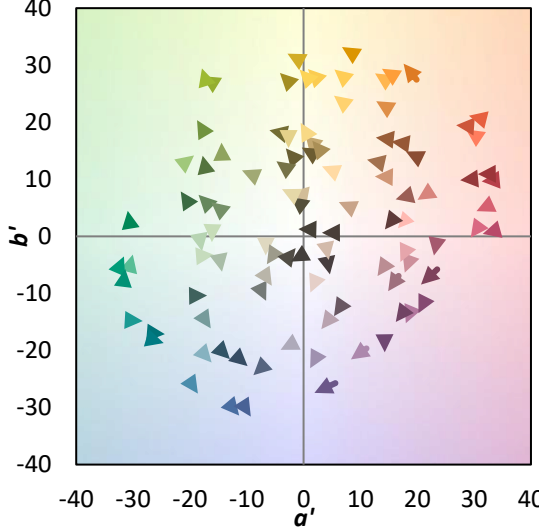
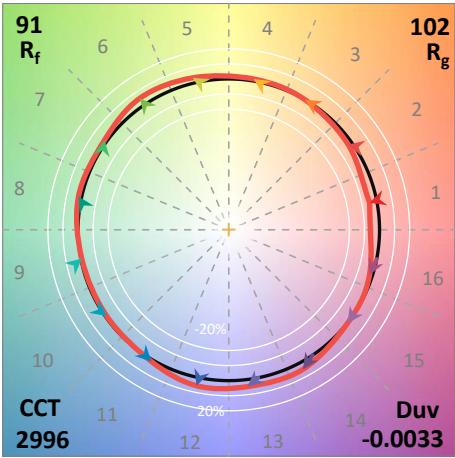
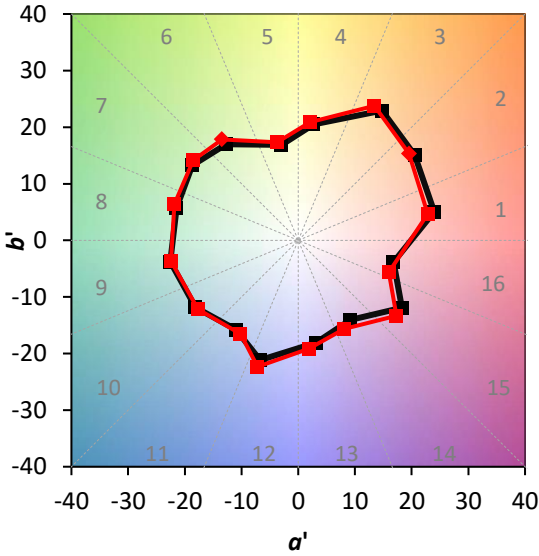
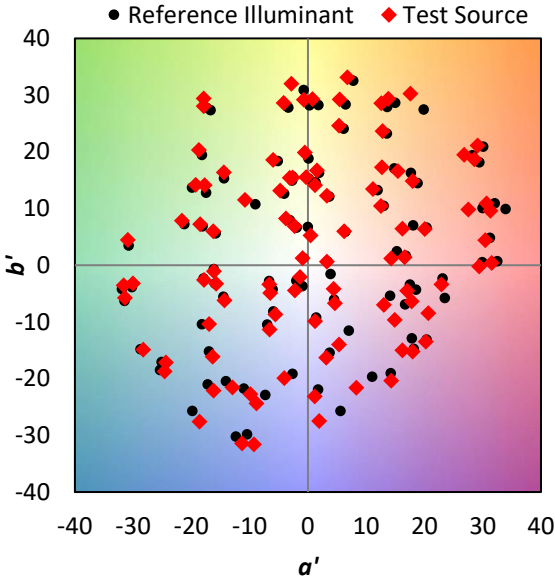
$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)
360	0	NR	490	101	NR	620	317	NR	750	7	NR	880	0	NR
365	0	NR	495	121	NR	625	320	NR	755	6	NR	885	0	NR
370	0	NR	500	141	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	158	NR	635	651	NR	765	4	NR	895	0	NR
380	0	NR	510	171	NR	640	207	NR	770	4	NR	900	0	NR
385	0	NR	515	182	NR	645	201	NR	775	3	NR	905	0	NR
390	0	NR	520	189	NR	650	174	NR	780	3	NR	910	0	NR
395	1	NR	525	194	NR	655	146	NR	785	2	NR	915	0	NR
400	1	NR	530	199	NR	660	124	NR	790	2	NR	920	0	NR
405	3	NR	535	205	NR	665	105	NR	795	2	NR	925	0	NR
410	4	NR	540	210	NR	670	96	NR	800	1	NR	930	0	NR
415	7	NR	545	216	NR	675	79	NR	805	1	NR	935	0	NR
420	13	NR	550	222	NR	680	67	NR	810	1	NR	940	0	NR
425	22	NR	555	230	NR	685	58	NR	815	1	NR	945	0	NR
430	37	NR	560	240	NR	690	49	NR	820	1	NR	950	0	NR
435	60	NR	565	248	NR	695	42	NR	825	1	NR	955	0	NR
440	101	NR	570	258	NR	700	36	NR	830	1	NR	960	0	NR
445	172	NR	575	268	NR	705	30	NR	835	1	NR	965	0	NR
450	223	NR	580	278	NR	710	26	NR	840	1	NR	970	0	NR
455	167	NR	585	287	NR	715	22	NR	845	0	NR	975	0	NR
460	126	NR	590	295	NR	720	19	NR	850	0	NR	980	0	NR
465	111	NR	595	298	NR	725	16	NR	855	0	NR	985	0	NR
470	86	NR	600	303	NR	730	14	NR	860	0	NR	990	0	NR
475	74	NR	605	307	NR	735	12	NR	865	0	NR	995	0	NR
480	77	NR	610	341	NR	740	10	NR	870	0	NR	1000	0	NR
485	86	NR	615	368	NR	745	8	NR	875	0	NR			

**Summary**

$R_f = 91.3$   
 $R_g = 102$   
 $CIE R_a = 94.4$   
 $R_9 = 61.4$



**Color Vector Graphics**

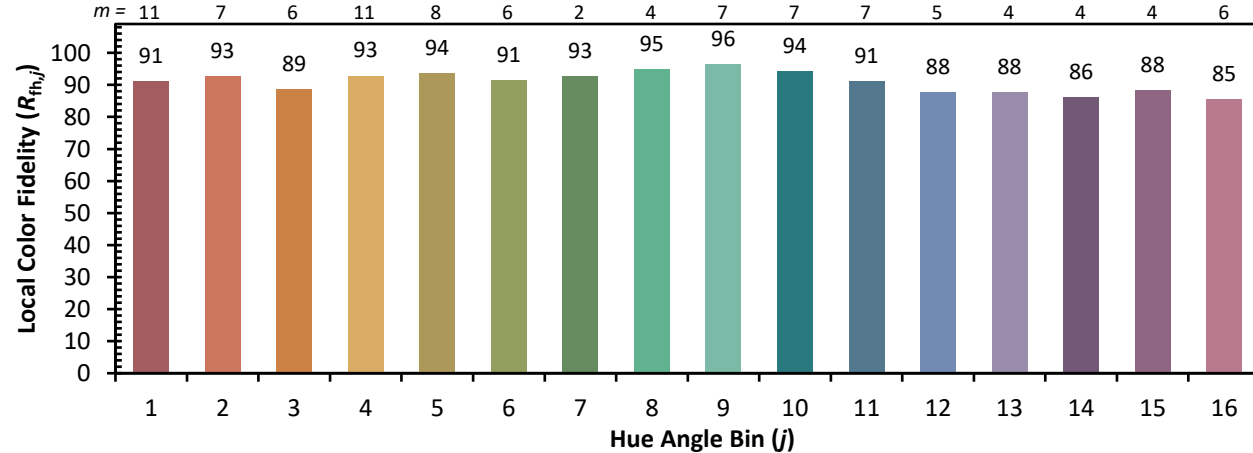


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

CES01 = 86	CES26 = 91	CES51 = 96	CES76 = 89
CES02 = 63	CES27 = 96	CES52 = 95	CES77 = 85
CES03 = 32	CES28 = 96	CES53 = 93	CES78 = 86
CES04 = 70	CES29 = 90	CES54 = 98	CES79 = 89
CES05 = 51	CES30 = 96	CES55 = 98	CES80 = 91
CES06 = 51	CES31 = 90	CES56 = 95	CES81 = 72
CES07 = 44	CES32 = 84	CES57 = 95	CES82 = 95
CES08 = 42	CES33 = 91	CES58 = 95	CES83 = 93
CES09 = 29	CES34 = 92	CES59 = 99	CES84 = 96
CES10 = 76	CES35 = 96	CES60 = 96	CES85 = 80
CES11 = 59	CES36 = 90	CES61 = 96	CES86 = 77
CES12 = 65	CES37 = 94	CES62 = 95	CES87 = 91
CES13 = 44	CES38 = 99	CES63 = 94	CES88 = 96
CES14 = 74	CES39 = 97	CES64 = 96	CES89 = 82
CES15 = 72	CES40 = 94	CES65 = 92	CES90 = 97
CES16 = 48	CES41 = 94	CES66 = 95	CES91 = 82
CES17 = 50	CES42 = 91	CES67 = 94	CES92 = 78
CES18 = 57	CES43 = 88	CES68 = 93	CES93 = 87
CES19 = 72	CES44 = 99	CES69 = 94	CES94 = 73
CES20 = 67	CES45 = 93	CES70 = 90	CES95 = 85
CES21 = 86	CES46 = 93	CES71 = 90	CES96 = 92
CES22 = 79	CES47 = 86	CES72 = 96	CES97 = 93
CES23 = 92	CES48 = 95	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 91	CES74 = 90	CES99 = 93
CES25 = 72	CES50 = 96	CES75 = 90	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)