

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: P1444546

Luminaire Tested: EHBR1-48-UNV-TA-L835-UPL12

Issue Date: 5/1/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1444546  
REPORT IS A COMBINATION OF REPORTS P1444306 AND P1431635  
Test Lab: INNOVATION CENTER  
Issue Date: 5/1/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: EHBR1-48-UNV-TA-L835-UPL12  
Description: Elevate Round Highbay at, 48000 lumens, 3500K 80CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

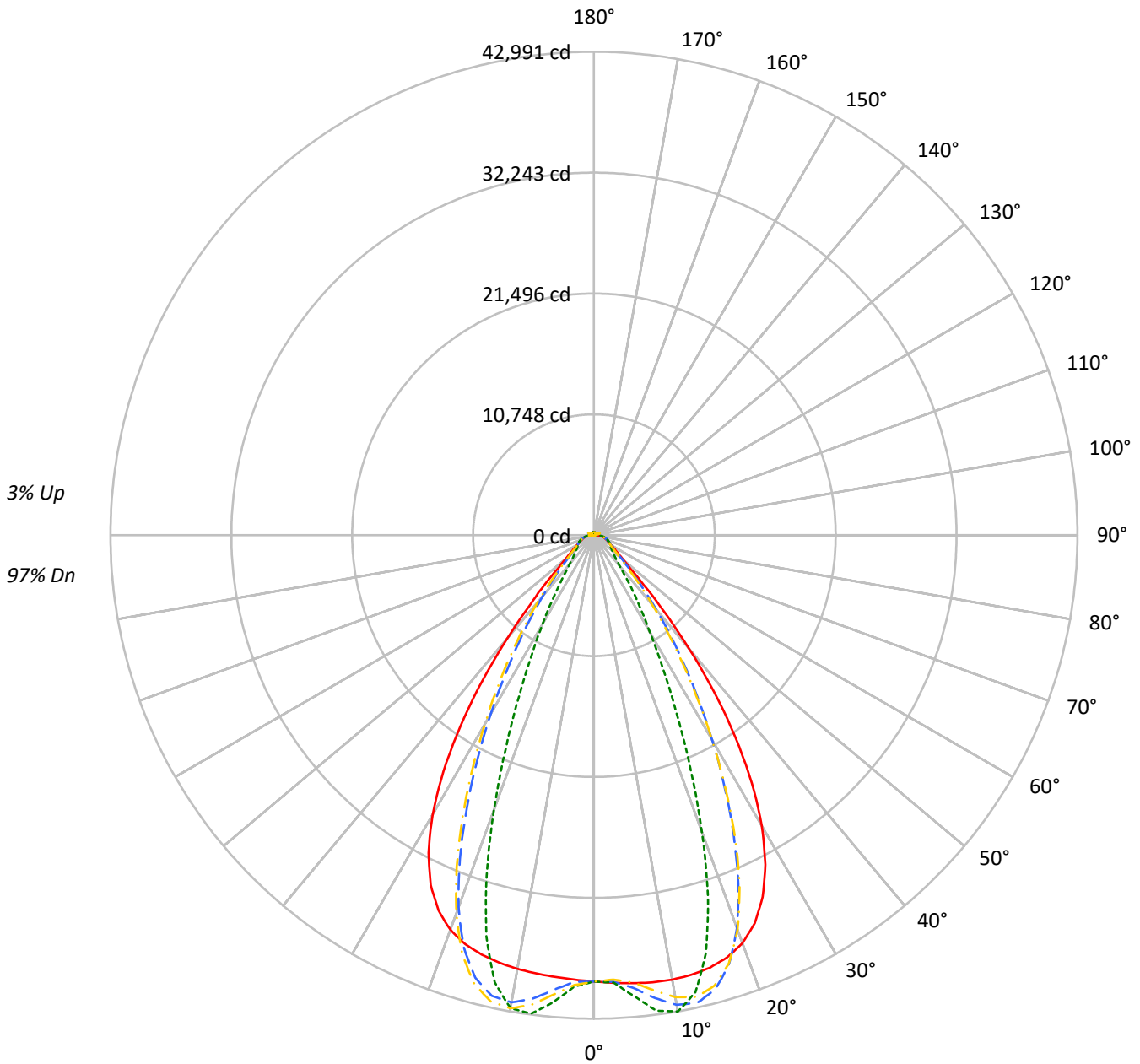
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 47116.8 lumens  
Efficiency: N/A  
Efficacy: 177.1 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): 266  
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: P1444546  
CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL12

### 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	115	115	115	115	109	109	109	104	104	104	99	99	99	99	99	99	97
1	111	108	105	102	108	105	103	100	101	98	96	96	95	93	92	91	90	92	91	90	88
2	104	99	94	90	102	97	92	88	93	89	86	89	86	84	86	84	81	86	84	81	79
3	98	91	85	80	96	89	83	79	86	81	77	83	79	76	80	77	74	80	77	74	72
4	92	84	77	72	90	82	76	72	80	74	70	77	73	69	75	71	68	75	71	68	66
5	87	78	71	66	85	76	70	65	74	69	65	72	67	64	70	66	63	70	66	63	61
6	82	72	65	60	80	71	65	60	69	64	59	67	63	59	66	61	58	66	61	58	56
7	78	67	61	56	76	66	60	56	65	59	55	63	58	55	62	57	54	62	57	54	52
8	74	63	56	52	72	62	56	52	61	55	51	60	54	51	58	54	50	58	54	50	49
9	70	59	53	48	68	59	52	48	57	52	48	56	51	47	55	50	47	55	50	47	46
10	66	56	49	45	65	55	49	45	54	49	45	53	48	44	52	47	44	52	47	44	43

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

	0°	90°	180°	270°
0°	186360	186360	186360	186360
5°	187263	192723	184642	195247
10°	188826	202345	184298	201006
15°	189752	183424	183976	176039
20°	187790	136644	181644	126429
25°	177751	86420	171877	78410
30°	155279	51932	149264	47461
35°	119504	32587	112629	28866
40°	75597	20441	69165	19208
45°	38964	15925	38319	15663
50°	22844	14165	22144	13944
55°	17501	13402	16854	13281
60°	14808	13690	14178	13512
65°	13909	14296	13376	13809
70°	13588	14970	12911	14407
75°	14529	15876	13744	15174
80°	15034	17579	13631	16047
85°	14161	16963	11443	14524

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 25°  
 Vertical Angle: 45°  
 Luminance: 59629 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	3911.0	8.3
10°-20°	11001.9	23.4
20°-30°	12530.3	26.6
30°-40°	9006.2	19.1
40°-50°	4153.7	8.8
50°-60°	1987.7	4.2
60°-70°	1450.3	3.1
70°-80°	1101.8	2.3
80°-90°	503.2	1.1
90°-100°	47.1	0.1
100°-110°	216.1	0.5
110°-120°	398.1	0.8
120°-130°	257.8	0.5
130°-140°	184.3	0.4
140°-150°	151.5	0.3
150°-160°	115.1	0.2
160°-170°	74.2	0.2
170°-180°	26.3	0.1
0°-30°	27443.2	58.2
0°-40°	36449.5	77.4
0°-60°	42590.9	90.4
0°-90°	45646.2	96.9
90°-120°	661.2	1.4
90°-150°	1254.9	2.7
90°-180°	1471.0	3.1
0°-180°	47116.8	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	39684	39684	39684	39684	39684	
5°	39984	41149	39424	41688	39984	3821
15°	39809	38481	38597	36932	39809	11216
25°	35497	17258	34324	15658	35497	16091
35°	21933	5981	20672	5298	21933	13461
45°	6304	2577	6200	2534	6304	5362
55°	2365	1811	2278	1795	2365	2183
65°	1452	1492	1396	1441	1452	1450
75°	1024	1118	968	1069	1024	1064
85°	487	583	393	499	487	457
90°	119	154	25	34	119	76
95°	21	23	21	23	21	20
105°	83	103	59	103	83	108
115°	353	416	370	416	353	327
125°	286	279	321	281	286	260
135°	252	205	270	209	252	196
145°	248	224	261	230	248	156
155°	248	241	261	246	248	115
165°	262	256	270	260	262	74
175°	276	277	280	279	276	26
180°	280	280	280	280	280	



TEST NUMBER: P1444546  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL12

**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39835.8	39832.5	39831.9	39829.2	39828.4	39828.4	39827.1	39823.9	39821.8	39817.3	39812.1
5°	39983.6	39981.8	39982.9	39983.2	39980.4	39974.1	39964.5	39952.5	39937.5	39923.4	39910.7
7.5°	40097.9	40100.7	40104.2	40103.4	40094.8	40080.2	40060.3	40049.2	40055.8	40077.4	40126.9
10°	40118.7	40135.8	40142.4	40140.3	40123.0	40110.5	40115.3	40157.4	40241.1	40352.7	40505.4
12.5°	40037.4	40058.3	40057.5	40050.6	40033.9	40050.9	40111.8	40237.0	40416.4	40636.6	40894.8
15°	39809.0	39836.1	39828.4	39819.4	39808.2	39864.3	39985.9	40203.3	40480.4	40790.9	41108.7
17.5°	39365.5	39398.2	39382.3	39372.2	39362.8	39467.8	39676.8	39995.0	40344.1	40695.3	40996.5
20°	38596.4	38618.3	38580.5	38562.7	38577.7	38783.5	39091.3	39497.8	39865.6	40197.7	40403.6
22.5°	37341.0	37368.3	37297.2	37289.0	37376.7	37692.7	38082.2	38536.7	38882.3	39145.5	39224.8
25°	35496.7	35523.6	35439.1	35489.6	35638.7	36069.2	36533.1	37019.1	37314.0	37509.1	37455.2
27.5°	33007.4	33031.9	32951.8	33054.7	33290.6	33856.1	34402.1	34929.4	35192.2	35328.8	35155.7
30°	29867.8	29918.5	29824.0	29967.7	30327.6	31061.9	31687.4	32278.7	32540.7	32644.7	32375.2
32.5°	26138.9	26211.1	26106.8	26320.6	26822.8	27705.0	28415.5	29076.1	29366.0	29484.7	29180.4
35°	21933.2	22036.7	21917.1	22238.0	22857.3	23839.7	24626.5	25364.1	25707.3	25875.7	25569.0
37.5°	17477.4	17576.1	17511.3	17939.5	18619.6	19637.8	20441.0	21236.6	21624.3	21876.9	21635.0
40°	13102.9	13193.1	13242.1	13731.8	14371.3	15331.1	16102.4	16889.7	17323.4	17640.4	17491.3
42.5°	9248.0	9339.1	9505.6	9978.0	10511.4	11305.8	11966.6	12673.4	13087.6	13425.8	13368.3
45°	6304.2	6410.0	6618.4	7005.3	7391.0	7961.0	8446.2	8995.9	9334.3	9644.1	9647.7
47.5°	4417.7	4492.0	4678.3	4942.4	5194.0	5907.4	5936.7	6206.8	6434.3	6665.8	6695.8
50°	3404.6	3449.3	3548.1	3695.4	3837.9	4023.1	4192.6	4388.4	4528.4	4655.3	4685.6
52.5°	2798.4	2826.7	2877.1	2956.8	3039.5	3140.2	3231.0	3338.4	3414.6	3482.6	3496.8
55°	2365.1	2388.7	2463.5	2478.6	2573.2	2591.4	2631.7	2697.2	2741.5	2782.2	2792.3
57.5°	2038.1	2055.2	2071.1	2105.0	2134.2	2176.5	2210.6	2257.6	2285.5	2315.0	2317.5
60°	1780.2	1792.5	1803.9	1827.4	1847.2	1876.7	1900.2	1932.1	1952.1	1974.1	1976.7
62.5°	1588.2	1597.1	1604.6	1620.1	1634.3	1657.0	1675.6	1702.3	1720.9	1737.9	1741.8
65°	1451.8	1458.2	1463.1	1474.9	1487.2	1506.5	1523.4	1545.2	1558.9	1571.9	1574.8
67.5°	1330.9	1337.0	1342.1	1352.8	1361.3	1375.7	1387.0	1403.4	1413.7	1424.1	1424.4
70°	1192.3	1198.1	1201.8	1211.9	1218.8	1231.1	1240.2	1255.0	1265.5	1277.2	1280.1
72.5°	1096.4	1099.8	1105.0	1114.1	1123.7	1136.9	1149.1	1164.4	1177.2	1189.2	1194.4
75°	1023.5	1027.5	1030.8	1038.7	1045.3	1056.4	1065.5	1079.5	1090.7	1103.6	1109.9
77.5°	918.2	922.8	925.7	933.5	939.2	949.9	956.7	969.2	978.3	990.1	995.8
80°	790.9	795.2	797.3	804.7	809.2	819.0	825.6	837.8	845.4	857.1	864.0
82.5°	649.9	654.0	655.2	662.2	664.7	672.7	677.6	689.9	699.3	714.6	725.2
85°	486.7	488.1	490.5	488.7	498.6	499.2	510.3	512.4	527.1	531.0	547.7
87.5°	297.6	301.9	304.2	311.0	313.9	320.7	322.7	329.9	333.8	342.1	346.0
90°	118.6	124.9	126.6	134.2	135.7	142.3	143.6	151.1	152.8	160.6	162.8
92.5°	19.0	20.0	20.7	22.1	23.1	24.8	26.3	27.5	28.5	30.3	32.3
95°	21.1	22.2	23.3	24.3	25.4	26.6	27.6	28.7	29.8	30.8	33.8
97.5°	25.9	26.9	27.7	28.7	29.7	30.5	31.5	32.5	33.4	34.1	37.9
100°	32.7	33.5	34.2	35.1	35.9	36.7	37.4	38.3	39.1	39.9	46.7
102.5°	51.3	54.1	56.9	59.7	62.5	65.4	68.3	71.0	73.8	76.6	91.2
105°	83.2	90.7	98.5	106.0	113.6	121.4	129.1	136.4	144.1	151.6	175.8
107.5°	137.6	151.6	165.9	180.1	194.2	208.3	222.4	236.5	250.5	264.4	288.9
110°	247.7	258.9	270.3	281.6	292.8	304.2	315.5	326.5	337.9	349.1	366.9



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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°	332.3	337.2	342.2	347.3	352.4	357.1	362.2	367.1	372.1	376.9	389.5
115°	352.9	354.5	356.3	357.7	359.4	360.9	362.4	363.9	365.5	366.8	375.2
117.5°	347.1	346.5	346.0	345.4	344.6	344.0	343.3	342.5	341.7	340.9	345.6
120°	329.7	327.6	325.9	323.7	321.8	319.6	317.6	315.5	313.3	311.0	312.8
122.5°	306.6	304.3	302.2	299.6	297.3	294.8	292.4	289.4	287.1	284.5	284.6
125°	286.1	283.7	281.7	279.1	276.3	273.8	271.2	268.5	265.9	262.9	262.7
127.5°	269.4	267.6	265.8	263.6	261.6	259.4	257.2	254.8	252.8	250.2	249.7
130°	260.5	259.0	257.1	255.2	253.3	251.0	248.8	246.6	244.4	242.0	241.3
132.5°	254.5	253.3	251.8	250.3	248.5	246.4	244.6	242.4	240.6	238.6	237.8
135°	252.4	250.9	249.8	248.1	246.5	244.4	242.5	240.5	238.6	236.4	235.9
137.5°	251.1	249.9	248.7	247.0	245.4	243.3	241.6	239.5	237.7	235.5	234.9
140°	250.2	249.1	247.7	246.1	244.6	242.9	241.0	239.1	237.2	235.1	234.6
142.5°	248.2	247.1	246.0	244.5	243.3	241.4	239.9	237.9	236.3	234.5	234.2
145°	247.9	247.0	246.1	244.7	243.4	241.7	240.3	238.4	237.1	235.3	235.0
147.5°	247.9	247.0	246.3	245.1	244.1	242.4	241.1	239.5	238.2	236.7	236.6
150°	247.9	247.2	246.5	245.4	244.2	242.9	241.6	240.3	238.9	237.5	237.3
152.5°	247.2	246.3	245.7	244.6	243.7	242.1	241.3	239.8	238.6	237.3	237.1
155°	248.4	247.6	246.7	245.9	244.7	243.7	242.4	241.3	240.2	238.9	238.7
157.5°	250.8	249.9	249.2	248.1	247.4	246.3	245.3	244.3	243.4	242.3	241.9
160°	254.3	253.5	252.7	251.8	250.8	249.7	248.8	247.8	247.2	246.0	245.8
162.5°	258.1	257.1	256.3	255.4	254.6	253.5	252.7	251.9	251.0	250.0	249.7
165°	262.2	261.6	260.9	260.1	259.4	258.7	257.9	257.0	256.4	255.4	255.2
167.5°	267.6	266.8	266.4	265.6	264.7	264.1	263.3	262.5	262.0	261.0	260.8
170°	271.5	270.7	270.3	269.8	269.3	268.7	268.2	267.6	267.0	266.5	266.4
172.5°	274.7	274.1	273.8	273.5	272.9	272.7	272.2	271.8	271.5	270.9	271.0
175°	276.5	276.1	276.0	275.7	275.4	275.1	274.9	274.6	274.6	274.2	274.1
177.5°	278.9	278.7	278.7	278.6	278.6	278.4	278.3	278.0	277.8	277.8	277.8
180°	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4



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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39808.2	39803.4	39796.8	39788.4	39781.2	39772.9	39753.0	39747.1	39753.7	39758.1	39767.2
5°	39902.8	39905.6	39906.7	39924.7	39940.3	39979.3	40284.6	40405.9	40499.8	40559.4	40649.8
7.5°	40188.0	40279.8	40370.5	40492.6	40597.9	40740.1	41274.3	41501.7	41663.3	41779.5	41922.4
10°	40671.3	40871.6	41059.4	41279.4	41468.6	41685.2	42182.5	42404.0	42543.8	42645.6	42740.7
12.5°	41158.1	41435.9	41687.0	41931.9	42136.6	42324.4	42499.2	42576.8	42583.4	42586.6	42536.2
15°	41411.7	41677.3	41898.5	42060.4	42180.7	42233.9	41932.9	41774.9	41575.4	41410.9	41140.4
17.5°	41251.6	41410.9	41506.5	41497.1	41447.4	41280.9	40428.2	39959.1	39493.5	39074.0	38523.7
20°	40540.2	40528.0	40444.9	40209.5	39925.8	39484.6	38022.6	37179.1	36363.7	35647.4	34778.4
22.5°	39216.7	39008.5	38718.1	38210.4	37646.4	36875.6	34780.6	33539.8	32404.5	31401.6	30278.1
25°	37299.1	36870.6	36335.1	35529.1	34652.6	33528.3	30946.2	29402.9	28039.9	26857.6	25561.3
27.5°	34844.8	34199.5	33414.7	32299.1	31111.6	29671.3	26808.5	25105.4	23642.2	22374.7	20995.0
30°	31939.2	31099.9	30086.5	28701.9	27269.6	25636.1	22732.6	21007.5	19526.4	18222.5	16841.7
32.5°	28655.7	27672.6	26485.1	24931.2	23382.1	21702.5	18898.5	17228.7	15813.8	14559.4	13309.8
35°	25034.0	23979.9	22723.5	21138.5	19598.8	17965.8	15392.9	13887.3	12637.9	11529.2	10520.1
37.5°	21149.3	20114.2	18920.1	17426.2	15998.4	14518.7	12298.7	11037.0	9988.5	9068.3	8289.1
40°	17110.1	16204.3	15171.2	13879.7	12661.2	11428.8	9606.4	8605.0	7777.6	7075.7	6491.9
42.5°	13120.5	12418.5	11626.2	10605.7	9673.2	8734.9	7332.3	6590.2	5977.4	5472.1	5059.4
45°	9519.3	9049.8	8518.4	7808.9	7163.7	6509.2	5510.8	4989.5	4590.4	4264.6	3989.1
47.5°	6654.5	6382.1	6365.6	5709.9	5236.7	4836.6	4193.4	3864.0	3619.5	3422.1	3247.6
50°	4673.3	4541.5	4377.8	4143.8	3924.2	3698.0	3306.2	3107.1	2963.8	2844.3	2733.9
52.5°	3493.6	3425.2	3338.0	3213.9	3094.8	2967.6	2719.7	2593.0	2547.9	2436.6	2349.2
55°	2790.5	2751.2	2701.6	2628.6	2556.3	2527.3	2314.8	2220.6	2161.1	2117.2	2070.2
57.5°	2317.9	2288.6	2259.2	2209.8	2167.9	2117.2	2004.3	1956.1	1920.6	1894.7	1862.3
60°	1977.2	1959.6	1943.1	1914.1	1891.5	1864.2	1792.5	1765.3	1746.8	1731.3	1710.5
62.5°	1745.0	1736.1	1727.6	1712.1	1700.6	1685.8	1636.8	1623.7	1614.4	1606.7	1594.0
65°	1577.5	1571.1	1566.3	1556.0	1550.3	1541.6	1499.6	1490.8	1485.0	1482.3	1474.9
67.5°	1425.3	1418.6	1415.5	1408.1	1405.8	1400.3	1365.9	1361.1	1359.1	1360.0	1357.4
70°	1282.9	1280.1	1281.6	1280.4	1283.7	1284.6	1263.8	1263.7	1265.8	1270.3	1270.7
72.5°	1197.6	1197.6	1199.2	1200.0	1203.1	1204.6	1187.2	1186.3	1187.3	1190.6	1190.7
75°	1116.4	1117.8	1122.1	1123.7	1127.3	1128.1	1105.1	1102.5	1102.7	1105.7	1104.7
77.5°	1004.0	1008.9	1017.3	1021.7	1028.8	1030.1	1004.3	1001.3	1001.4	1004.5	1001.9
80°	876.5	885.8	899.2	908.4	919.4	923.8	897.3	891.0	885.1	884.2	879.0
82.5°	741.1	752.4	768.4	776.9	788.5	791.1	746.8	738.5	733.4	733.9	729.1
85°	565.8	574.3	588.9	593.6	600.8	600.2	549.6	528.0	533.8	524.8	531.8
87.5°	354.9	359.9	369.0	370.2	373.6	372.8	321.9	311.9	309.0	309.1	305.4
90°	170.7	173.8	181.3	181.0	185.9	184.9	143.3	138.2	134.9	137.1	132.5
92.5°	34.8	36.7	39.0	41.0	43.3	45.5	43.1	43.7	42.1	39.8	38.3
95°	37.0	40.2	43.4	46.5	49.7	52.9	56.1	59.3	56.3	53.3	50.3
97.5°	41.7	45.5	49.2	52.8	56.6	60.4	64.2	68.0	64.8	61.3	58.1
100°	53.8	60.8	67.7	74.7	81.6	88.6	95.7	102.7	96.6	90.1	84.0
102.5°	106.0	120.8	135.6	150.4	165.2	180.1	195.1	210.0	195.8	181.4	167.1
105°	199.7	223.9	247.8	271.6	295.5	319.7	344.1	368.1	345.4	322.6	300.0
107.5°	313.2	337.6	361.7	385.8	410.1	434.4	459.4	483.7	461.4	439.0	416.9
110°	384.6	402.0	419.7	437.3	454.8	472.4	490.9	508.6	495.1	481.5	468.0



TEST NUMBER: P1444546  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL12

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	401.8	414.4	426.9	439.0	451.4	463.9	477.6	490.3	483.3	476.1	469.2
115°	383.3	391.7	399.7	407.9	416.1	424.1	433.9	442.5	439.8	437.2	434.6
117.5°	349.7	354.0	358.4	362.7	366.8	371.1	377.5	382.1	381.8	381.6	381.4
120°	314.1	315.6	317.0	318.5	319.8	321.0	324.9	326.9	328.0	329.0	330.2
122.5°	284.8	284.9	284.9	285.0	285.1	285.0	288.0	288.7	289.0	289.4	289.9
125°	262.4	261.9	261.5	261.2	260.5	260.1	263.2	263.3	262.6	261.7	261.0
127.5°	248.9	248.1	247.4	246.7	245.6	244.9	247.6	247.5	246.0	244.3	242.7
130°	240.7	240.0	239.2	238.5	237.8	237.2	240.2	240.4	238.2	235.7	233.6
132.5°	237.1	236.5	235.6	235.1	234.5	233.7	237.1	237.4	235.0	232.4	230.0
135°	235.1	234.6	233.9	233.2	232.6	232.1	235.9	236.3	234.1	231.4	229.1
137.5°	234.0	233.5	232.9	232.4	231.7	231.3	235.5	236.1	234.2	231.8	229.9
140°	234.1	233.5	233.0	232.7	232.1	231.9	236.6	237.3	235.6	233.9	232.0
142.5°	233.5	233.4	233.1	233.1	232.7	232.7	238.0	239.0	237.7	236.1	234.7
145°	234.6	234.6	234.5	234.6	234.5	234.6	240.6	242.0	241.0	239.8	238.6
147.5°	235.9	235.9	235.8	235.8	235.7	236.2	242.7	244.2	243.5	242.4	241.7
150°	237.0	237.0	236.8	237.0	237.3	237.6	245.0	246.9	246.2	245.5	244.8
152.5°	236.8	236.8	236.7	236.7	236.8	237.2	246.5	248.7	248.2	247.4	247.0
155°	238.4	238.2	238.0	238.0	237.9	238.3	248.6	251.1	250.6	250.2	249.6
157.5°	241.6	241.2	240.9	240.9	240.8	240.7	251.8	254.6	254.0	253.7	253.2
160°	245.2	245.0	244.5	244.4	244.1	244.0	255.5	258.2	257.9	257.3	256.9
162.5°	249.3	249.5	249.0	248.8	248.5	248.7	260.1	263.2	262.5	262.0	261.5
165°	254.9	254.4	254.1	254.0	253.7	253.6	264.5	267.1	266.8	266.3	265.8
167.5°	260.4	260.3	260.0	259.9	259.7	259.8	269.8	272.4	272.1	271.4	271.1
170°	266.1	266.1	265.8	265.8	265.8	265.9	274.4	276.4	276.2	275.6	275.3
172.5°	270.9	271.0	271.0	271.0	271.0	271.2	278.4	280.3	280.0	279.6	279.2
175°	274.1	274.1	274.2	274.4	274.4	274.6	280.2	281.6	281.4	281.1	280.8
177.5°	278.0	277.9	278.1	278.2	278.4	278.5	281.9	282.7	282.5	282.5	282.5
180°	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4



TEST NUMBER: P1444546  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL12

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39769.3	39783.2	39785.3	39801.7	39800.3	39819.7	39816.7	39832.5	39823.3	39836.4	39825.3
5°	40703.3	40788.0	40832.4	40915.0	40941.1	41015.1	41036.1	41103.6	41106.4	41159.9	41147.7
7.5°	42023.9	42148.8	42222.9	42325.1	42376.9	42462.1	42499.5	42562.5	42582.8	42632.8	42636.6
10°	42812.5	42873.1	42915.5	42944.0	42970.1	42982.3	42996.5	42992.7	42996.5	42990.9	43003.1
12.5°	42502.3	42413.8	42355.2	42244.4	42180.1	42057.6	41997.5	41879.6	41836.9	41735.7	41721.1
15°	40931.5	40622.9	40404.9	40087.9	39888.5	39576.6	39394.1	39112.7	38984.2	38760.5	38701.8
17.5°	38068.3	37495.5	37052.2	36483.6	36089.1	35557.6	35223.5	34783.6	34542.7	34187.9	34065.2
20°	34054.1	33206.7	32541.8	31749.7	31183.0	30476.7	30024.6	29454.3	29123.3	28687.7	28511.0
22.5°	29341.4	28286.3	27456.0	26520.3	25836.4	25049.4	24507.7	23890.8	23530.6	23057.3	22847.6
25°	24484.0	23320.5	22397.4	21411.4	20688.9	19900.0	19358.2	18752.1	18379.4	17930.1	17721.8
27.5°	19838.4	18660.6	17768.5	16851.9	16189.1	15477.2	14988.3	14459.2	14128.3	13744.9	13548.9
30°	15738.7	14699.9	13940.7	13180.0	12628.6	12050.5	11644.3	11205.7	10915.5	10587.1	10400.5
32.5°	12398.6	11596.7	11002.2	10398.6	9947.3	9464.2	9113.2	8726.2	8464.3	8171.0	8002.0
35°	9819.5	9196.4	8722.2	8225.4	7837.7	7426.2	7116.9	6782.9	6547.8	6295.4	6149.4
37.5°	7758.4	7262.9	6872.8	6460.1	6141.7	5800.8	5685.9	5302.6	5059.1	4857.6	4718.0
40°	6088.8	5694.9	5372.0	5056.4	4796.7	4538.1	4330.6	4125.8	3968.7	3824.5	3724.8
42.5°	4754.9	4469.5	4233.7	4002.5	3813.0	3624.6	3474.3	3333.3	3227.4	3133.1	3068.8
45°	3780.0	3583.6	3419.8	3257.0	3123.2	2997.5	2896.4	2806.3	2737.9	2681.3	2641.1
47.5°	3105.3	2970.9	2855.3	2745.5	2654.7	2572.3	2504.5	2482.4	2408.9	2359.4	2340.6
50°	2639.1	2558.0	2470.1	2389.0	2328.4	2268.1	2224.2	2181.1	2153.6	2130.8	2123.9
52.5°	2291.1	2229.1	2180.2	2128.9	2088.9	2046.0	2015.6	1986.9	1971.8	1959.9	1958.4
55°	2032.4	1989.0	1956.7	1922.3	1898.3	1873.1	1857.4	1842.3	1835.6	1829.6	1830.1
57.5°	1836.7	1807.7	1786.6	1764.3	1751.3	1739.3	1735.3	1731.5	1733.6	1734.5	1737.9
60°	1694.0	1675.2	1661.9	1649.1	1643.7	1639.9	1642.8	1646.2	1653.1	1658.7	1663.7
62.5°	1584.7	1574.0	1567.5	1560.6	1560.0	1560.3	1566.2	1571.9	1580.6	1587.1	1591.9
65°	1472.2	1466.1	1463.9	1459.6	1461.8	1463.1	1470.1	1474.6	1483.2	1488.4	1494.6
67.5°	1358.5	1357.1	1358.3	1358.3	1362.3	1365.7	1372.5	1377.5	1384.8	1389.6	1394.6
70°	1274.6	1275.1	1278.3	1278.8	1283.1	1285.4	1291.3	1294.5	1301.1	1305.1	1311.1
72.5°	1192.9	1191.6	1192.3	1190.4	1191.9	1191.3	1194.6	1196.1	1201.7	1204.9	1212.2
75°	1105.9	1102.4	1101.4	1097.5	1097.6	1094.8	1096.2	1096.0	1099.6	1101.1	1106.4
77.5°	1000.9	994.8	991.8	985.2	985.1	982.6	985.2	986.9	993.4	996.4	1002.5
80°	875.4	865.7	861.3	853.7	854.9	854.5	860.9	865.9	873.7	875.3	882.8
82.5°	727.6	717.7	713.1	705.5	707.2	707.4	713.3	714.3	721.2	724.2	733.0
85°	521.0	524.8	514.3	515.1	512.8	517.0	521.0	525.9	531.6	541.2	548.6
87.5°	306.8	305.4	309.1	309.6	314.9	317.6	326.2	331.0	340.6	348.1	361.7
90°	132.9	128.3	131.5	130.1	135.5	134.2	139.1	136.9	142.8	143.5	151.1
92.5°	35.7	34.1	31.6	29.9	27.5	26.1	24.5	24.1	22.7	22.3	20.8
95°	47.4	44.4	41.5	38.5	35.6	32.6	31.5	30.4	29.3	28.2	27.1
97.5°	54.9	51.8	48.6	45.2	42.0	38.8	38.1	37.3	36.7	35.9	35.2
100°	77.6	71.5	65.3	59.0	52.8	46.7	46.2	45.6	45.0	44.4	43.8
102.5°	153.0	138.7	124.6	110.3	96.3	81.9	79.5	77.0	74.6	72.1	69.6
105°	277.1	254.3	231.6	209.0	186.4	163.7	157.0	149.9	143.2	136.4	129.7
107.5°	394.6	372.3	350.2	328.1	306.0	283.8	273.0	262.5	251.5	240.9	230.3
110°	454.2	440.8	427.5	413.8	400.6	387.2	376.8	366.6	356.2	346.0	335.9



TEST NUMBER: P1444546  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL12

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	462.1	455.1	448.1	441.2	434.4	427.4	422.4	417.2	412.3	407.1	401.9
115°	431.9	429.3	426.8	424.3	422.0	419.5	418.9	418.4	417.7	417.2	416.9
117.5°	381.2	381.0	380.7	380.7	380.6	380.6	382.9	385.1	387.6	390.2	392.8
120°	331.2	332.3	333.3	334.5	335.7	337.0	339.9	343.2	346.3	349.8	353.3
122.5°	290.3	290.8	291.1	291.8	292.2	292.9	295.6	298.7	301.7	304.9	308.4
125°	260.0	259.1	258.3	257.3	256.5	256.0	258.0	260.2	262.7	265.3	267.8
127.5°	240.9	239.0	237.2	235.6	233.7	232.2	233.0	234.1	234.9	236.2	237.5
130°	231.1	228.7	226.0	223.9	221.2	219.0	218.8	218.7	218.6	218.7	218.7
132.5°	227.3	224.8	222.0	219.3	216.7	214.1	213.0	212.2	211.2	210.6	209.9
135°	226.5	224.2	221.4	218.8	216.1	213.7	212.3	211.0	209.7	208.6	207.6
137.5°	227.8	225.6	223.4	221.4	218.8	216.8	215.1	213.7	212.1	211.1	209.6
140°	230.1	228.4	226.3	224.5	222.5	220.8	219.1	218.1	216.5	215.5	214.3
142.5°	233.0	231.5	230.0	228.4	226.9	225.3	224.0	222.7	221.5	220.4	219.2
145°	237.5	236.3	235.0	233.9	232.5	231.4	230.0	229.1	228.0	227.0	226.3
147.5°	240.8	239.8	238.8	237.8	236.8	235.8	234.7	234.2	233.0	232.4	231.5
150°	243.9	243.0	242.0	241.4	240.3	239.5	238.7	238.0	237.2	236.8	236.0
152.5°	245.9	245.2	244.4	243.9	242.9	242.0	241.3	240.9	240.2	239.7	238.9
155°	248.9	248.3	247.5	247.0	246.1	245.6	244.9	244.2	243.6	243.0	242.3
157.5°	252.6	252.0	251.2	250.8	250.0	249.4	248.8	248.2	247.4	247.0	246.3
160°	256.3	255.9	255.1	254.5	253.9	253.4	252.5	252.0	251.2	250.7	249.9
162.5°	260.8	260.1	259.6	259.0	258.2	257.6	256.9	256.4	255.7	255.1	254.4
165°	265.2	264.6	264.0	263.4	263.0	262.4	261.6	261.0	260.3	259.8	259.0
167.5°	270.5	270.1	269.6	269.1	268.4	267.8	267.2	266.6	266.0	265.3	264.5
170°	274.8	274.1	273.7	273.1	272.7	272.0	271.4	270.7	270.1	269.7	268.9
172.5°	278.8	278.6	278.0	277.7	277.0	276.6	276.2	275.8	275.3	274.8	274.4
175°	280.7	280.5	280.4	279.9	279.8	279.5	279.3	279.1	278.8	278.7	278.2
177.5°	282.5	282.3	282.3	282.0	281.9	281.9	281.6	281.5	281.4	281.1	281.0
180°	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4



TEST NUMBER: P1444546  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL12

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39836.8	39826.7	39831.5	39812.8	39817.3	39794.8	39792.6	39767.2	39764.7	39740.8	39731.7
5°	41185.6	41163.4	41188.4	41149.4	41157.1	41106.4	41102.1	41036.5	41013.9	40931.7	40896.4
7.5°	42667.9	42659.6	42674.8	42642.3	42641.2	42595.9	42577.2	42518.4	42481.9	42395.8	42340.7
10°	42992.7	43000.3	42987.8	42990.9	42973.3	42968.4	42950.3	42938.9	42909.3	42887.0	42854.0
12.5°	41644.2	41652.3	41600.8	41633.5	41607.7	41667.9	41663.0	41733.9	41744.8	41834.5	41868.5
15°	38527.6	38517.9	38419.2	38481.3	38448.0	38580.0	38609.6	38787.2	38882.3	39110.4	39250.5
17.5°	33819.4	33794.0	33654.9	33730.7	33692.2	33886.9	33952.2	34236.3	34413.6	34781.2	35043.0
20°	28207.0	28158.4	27995.7	28084.4	28044.7	28265.9	28359.2	28702.5	28931.1	29417.9	29764.2
22.5°	22525.0	22448.1	22288.8	22371.6	22334.0	22563.3	22684.6	23029.2	23291.0	23790.7	24195.0
25°	17422.5	17354.0	17200.0	17258.0	17244.0	17437.8	17545.8	17871.7	18129.0	18605.0	18991.0
27.5°	13288.5	13217.3	13078.1	13119.2	13105.0	13270.2	13371.9	13644.2	13865.6	14266.3	14605.2
30°	10170.4	10084.4	9966.4	9989.1	9979.4	10113.2	10208.3	10437.6	10627.3	10966.0	11258.0
32.5°	7795.6	7709.2	7600.8	7611.4	7597.1	7702.1	7780.3	7979.8	8145.1	8433.1	8687.2
35°	5964.7	6065.8	5834.3	5980.9	5828.3	6052.4	5971.8	6096.4	6238.6	6481.2	6693.2
37.5°	4585.4	4515.0	4455.5	4449.1	4448.8	4500.8	4562.1	4682.1	4807.4	4988.2	5175.0
40°	3633.7	3584.3	3545.8	3543.0	3545.8	3582.7	3628.0	3710.9	3802.8	3932.6	4069.8
42.5°	3013.9	2981.0	2957.8	2956.2	2963.5	2989.7	3021.2	3070.5	3130.2	3214.3	3308.4
45°	2608.5	2590.2	2577.3	2576.6	2580.0	2593.6	2611.8	2642.5	2680.3	2732.8	2792.3
47.5°	2324.1	2319.6	2311.6	2311.9	2308.2	2313.8	2315.8	2333.0	2353.2	2392.7	2470.6
50°	2117.0	2117.0	2111.3	2111.1	2105.8	2105.5	2101.1	2107.9	2117.3	2141.8	2166.7
52.5°	1953.3	1952.7	1946.7	1945.5	1939.9	1939.6	1935.7	1938.5	1939.7	1952.1	1967.0
55°	1825.3	1821.5	1813.6	1811.1	1808.8	1812.1	1810.7	1810.8	1809.1	1814.4	1818.7
57.5°	1733.6	1728.5	1721.1	1718.8	1718.3	1722.0	1722.2	1720.9	1714.0	1709.3	1702.7
60°	1660.9	1655.9	1647.8	1645.7	1646.9	1652.2	1651.9	1647.5	1637.2	1628.3	1617.8
62.5°	1589.6	1587.6	1583.4	1582.8	1581.7	1582.7	1579.0	1574.3	1564.1	1554.6	1543.2
65°	1493.8	1494.9	1491.8	1492.2	1488.6	1488.0	1482.4	1477.8	1467.5	1458.8	1447.3
67.5°	1394.4	1395.2	1392.7	1392.7	1390.7	1391.0	1387.6	1383.4	1374.7	1367.6	1358.6
70°	1312.5	1314.5	1313.1	1313.5	1311.1	1310.2	1305.0	1300.8	1291.9	1286.0	1278.0
72.5°	1214.4	1218.8	1218.6	1219.7	1216.2	1214.4	1208.0	1202.9	1194.9	1190.1	1183.6
75°	1108.5	1114.2	1115.8	1118.4	1113.3	1110.7	1103.8	1099.6	1093.1	1090.2	1086.0
77.5°	1005.1	1011.4	1017.4	1023.0	1015.0	1007.7	999.1	992.5	983.0	979.4	972.7
80°	889.0	900.2	913.6	924.8	910.3	895.5	881.3	870.7	858.2	853.1	844.8
82.5°	737.6	749.0	756.7	763.9	753.8	743.0	729.2	719.9	706.4	701.4	691.8
85°	560.3	574.6	579.2	583.0	576.5	570.8	557.8	540.4	531.8	518.5	511.6
87.5°	368.6	377.1	378.7	380.0	376.1	373.3	364.9	356.6	342.1	331.5	318.5
90°	150.3	155.6	151.9	153.8	149.1	150.1	142.0	139.7	128.2	124.2	113.9
92.5°	20.2	18.8	18.0	17.0	18.6	18.9	20.5	20.8	22.2	22.7	24.1
95°	26.1	24.9	23.9	22.8	23.7	24.5	25.4	26.3	27.1	27.9	28.8
97.5°	34.4	33.7	33.0	32.3	32.8	33.3	33.8	34.3	34.8	35.3	36.1
100°	43.2	42.7	42.1	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
102.5°	67.2	64.8	62.2	59.8	61.5	63.1	64.8	66.4	68.2	69.8	71.7
105°	122.9	116.3	109.5	102.8	109.3	115.8	122.4	128.9	135.4	142.1	148.7
107.5°	219.4	208.8	198.2	187.5	199.5	211.5	223.3	235.1	247.1	258.9	271.0
110°	325.7	315.6	305.4	295.3	308.0	320.6	333.2	345.8	358.4	371.0	383.9



TEST NUMBER: P1444546  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL12

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	397.0	392.1	387.2	382.2	390.4	398.4	406.6	415.0	423.0	431.4	439.5
115°	416.5	416.2	415.9	415.6	419.5	423.2	427.1	431.1	435.1	438.9	443.0
117.5°	395.3	397.8	400.6	403.4	404.6	405.8	407.2	408.5	410.0	411.3	412.9
120°	356.8	360.1	363.8	367.5	367.0	366.5	366.0	365.5	365.5	365.2	365.3
122.5°	311.8	315.2	318.9	322.5	321.4	320.4	319.3	318.4	317.7	317.0	316.3
125°	270.7	273.4	276.3	279.3	278.3	277.2	276.1	275.6	274.8	274.0	273.5
127.5°	239.1	240.8	242.2	244.1	243.6	243.1	243.0	242.6	242.6	242.7	242.8
130°	219.1	219.6	220.4	220.9	221.1	221.2	221.8	222.2	223.0	223.5	224.6
132.5°	209.8	209.3	209.3	209.2	209.8	210.4	211.4	212.2	213.6	214.6	216.4
135°	206.9	206.2	205.8	205.4	206.2	206.9	208.2	209.3	210.8	212.4	214.2
137.5°	208.9	208.0	207.3	206.5	207.4	208.3	209.4	210.6	212.2	213.7	215.6
140°	213.5	212.5	212.2	211.4	212.2	212.9	214.1	215.3	216.8	218.4	220.1
142.5°	218.5	217.5	217.0	216.6	217.1	217.9	219.1	220.1	221.5	222.7	224.5
145°	225.4	224.7	224.4	223.8	224.2	224.8	225.5	226.4	227.4	228.2	229.7
147.5°	231.0	230.4	230.1	229.6	230.0	230.4	230.9	231.4	232.2	233.0	234.0
150°	235.8	235.1	234.7	234.6	234.7	234.8	235.3	235.4	236.0	236.5	237.4
152.5°	238.7	237.9	237.9	237.6	237.6	237.7	237.9	238.1	238.5	238.8	239.6
155°	242.0	241.5	241.0	240.7	240.6	240.4	240.6	240.4	240.7	240.7	241.0
157.5°	246.0	245.4	245.1	244.5	244.3	243.9	243.9	243.7	243.7	243.3	243.4
160°	249.5	248.8	248.2	247.6	247.4	247.1	247.1	246.7	246.6	246.5	246.5
162.5°	253.9	253.4	253.0	252.4	252.1	251.4	251.1	250.5	250.3	250.0	249.9
165°	258.2	257.6	257.1	256.3	256.1	255.8	255.3	255.0	254.8	254.4	254.2
167.5°	264.1	263.3	262.9	262.2	261.8	261.1	260.9	260.4	260.1	259.7	259.7
170°	268.5	267.9	267.5	267.0	266.7	266.3	266.2	265.7	265.6	265.4	265.4
172.5°	273.9	273.5	273.1	272.8	272.5	272.2	272.0	271.9	271.6	271.6	271.4
175°	278.0	277.7	277.6	277.3	277.0	276.9	276.8	276.7	276.6	276.3	276.3
177.5°	280.6	280.5	280.4	280.3	280.1	280.1	280.1	280.1	280.1	280.0	279.8
180°	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4



TEST NUMBER: P1444546  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL12

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39706.0	39695.6	39668.1	39654.6	39629.2	39616.4	39596.5	39583.7	39567.7	39555.8	39549.5
5°	40806.2	40755.4	40653.7	40591.0	40481.2	40408.7	40299.6	40219.7	40107.0	40023.9	39917.4
7.5°	42237.4	42159.6	42029.3	41930.4	41776.7	41659.2	41486.7	41348.7	41158.1	40999.8	40805.1
10°	42820.2	42774.7	42716.2	42652.6	42567.5	42484.0	42366.2	42246.2	42086.2	41927.0	41719.1
12.5°	41959.0	42001.7	42086.2	42125.5	42190.1	42212.0	42241.6	42227.7	42201.6	42136.6	42042.3
15°	39519.7	39698.4	39980.7	40176.1	40449.7	40642.0	40896.4	41060.0	41248.5	41361.2	41468.2
17.5°	35507.2	35852.9	36351.2	36748.7	37282.4	37716.3	38247.9	38665.6	39147.9	39517.9	39911.8
20°	30367.8	30851.9	31539.7	32123.9	32897.3	33553.0	34393.1	35096.9	35917.8	36602.2	37340.8
22.5°	24836.5	25405.9	26194.0	26898.7	27822.2	28646.9	29699.6	30630.1	31739.9	32734.2	33833.9
25°	19618.3	20176.3	20979.3	21708.8	22705.7	23614.3	24764.3	25831.8	27119.7	28320.8	29699.6
27.5°	15143.5	15639.1	16344.9	17001.6	17914.7	18806.7	19973.7	21112.0	22486.3	23777.0	25262.9
30°	11695.1	12097.2	12662.7	13190.9	13923.9	14653.5	15692.9	16745.7	18113.2	19450.7	20974.0
32.5°	9063.3	9406.1	9878.2	10307.1	10871.9	11421.9	12187.4	13028.7	14228.2	15509.4	16982.3
35°	7016.0	7309.3	7711.1	8080.5	8545.0	8981.7	9552.9	10153.4	11068.8	12146.4	13464.6
37.5°	5593.5	5713.1	5999.9	6302.5	6688.3	7047.2	7494.0	7938.0	8593.0	9443.2	10520.1
40°	4253.8	4443.7	4677.1	4915.5	5207.6	5495.4	5985.7	6221.7	6652.9	7263.2	8099.0
42.5°	3432.3	3565.8	3730.1	3895.8	4099.4	4299.9	4547.8	4800.4	5122.7	5536.1	6130.6
45°	2872.2	2959.3	3065.2	3175.6	3309.3	3446.1	3612.1	3785.5	4003.9	4258.1	4619.2
47.5°	2498.0	2546.1	2615.3	2690.7	2782.3	2877.1	2985.0	3095.5	3231.3	3381.9	3587.6
50°	2206.0	2246.1	2299.8	2350.3	2413.5	2510.5	2553.4	2614.4	2696.0	2784.7	2899.7
52.5°	1994.6	2021.4	2055.1	2084.0	2124.1	2160.4	2208.0	2250.1	2306.5	2359.8	2434.0
55°	1830.1	1839.8	1858.9	1877.6	1905.2	1930.0	1962.7	1990.2	2026.2	2058.1	2104.9
57.5°	1702.9	1703.8	1712.6	1722.3	1740.2	1755.8	1778.3	1796.3	1821.3	1841.7	1869.7
60°	1611.6	1606.8	1608.5	1611.9	1622.0	1632.1	1646.5	1658.2	1674.0	1685.5	1701.2
62.5°	1535.6	1527.9	1526.2	1525.3	1530.4	1533.9	1541.8	1547.5	1556.5	1561.5	1569.9
65°	1439.6	1430.6	1427.1	1422.9	1424.4	1423.2	1426.2	1426.3	1430.9	1431.9	1436.8
67.5°	1352.5	1345.0	1340.4	1334.9	1332.4	1328.4	1326.6	1322.8	1322.2	1319.0	1318.2
70°	1273.1	1265.7	1261.9	1256.7	1254.1	1248.8	1245.6	1239.1	1235.3	1229.3	1225.9
72.5°	1181.2	1177.0	1175.9	1172.4	1171.4	1168.5	1167.1	1162.6	1160.0	1154.8	1151.9
75°	1085.1	1081.7	1081.4	1077.9	1077.6	1074.0	1073.2	1068.3	1065.8	1060.7	1058.5
77.5°	970.7	965.6	964.2	960.1	961.1	959.3	960.8	957.1	955.6	950.4	948.8
80°	841.8	835.4	832.7	827.3	828.7	826.3	828.7	828.4	830.4	826.3	825.5
82.5°	689.2	682.1	680.8	677.0	679.5	679.8	685.2	682.3	683.5	679.6	681.3
85°	501.5	496.3	488.9	487.8	483.2	488.0	481.7	486.0	479.0	483.8	477.4
87.5°	311.0	300.0	294.3	286.5	283.5	276.1	272.9	267.5	269.2	266.6	268.1
90°	111.9	102.9	101.1	93.8	93.3	87.0	87.8	83.5	85.2	80.7	82.8
92.5°	24.5	25.5	27.1	29.3	30.7	32.5	34.1	36.3	37.7	39.8	41.2
95°	29.7	30.5	32.9	35.2	37.5	39.9	42.2	44.5	46.8	49.2	51.5
97.5°	36.6	37.0	39.4	41.7	44.0	46.3	48.6	51.2	53.5	55.9	58.2
100°	41.5	41.6	48.2	54.8	61.4	68.2	74.7	81.3	88.1	94.7	101.3
102.5°	73.3	75.0	91.6	108.3	125.0	141.7	158.4	175.3	192.0	208.9	225.6
105°	155.2	161.8	187.2	212.8	238.2	263.7	289.2	314.9	340.4	366.0	391.5
107.5°	282.9	294.9	318.0	341.0	364.0	387.2	410.4	433.5	456.6	479.8	503.2
110°	396.5	409.3	424.7	440.3	455.9	471.4	487.1	502.7	518.6	534.2	550.1



TEST NUMBER: P1444546  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL12

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	447.7	456.1	465.2	474.6	483.7	493.1	502.3	511.7	521.1	530.6	539.9
115°	447.1	451.3	454.8	458.8	462.5	466.5	470.3	474.4	478.6	482.6	486.7
117.5°	414.2	416.1	416.7	417.8	418.7	420.0	421.0	422.4	423.6	425.0	426.0
120°	365.1	365.0	364.9	364.9	364.8	364.9	365.1	365.2	365.5	365.7	365.9
122.5°	315.6	315.3	315.2	315.3	315.5	315.8	316.1	316.7	317.1	317.5	317.7
125°	273.0	272.9	274.1	275.4	276.7	278.2	279.4	281.3	282.7	284.3	285.9
127.5°	242.9	243.5	245.6	247.8	250.2	252.5	254.9	257.4	259.8	262.5	264.7
130°	225.5	226.8	229.3	232.2	234.8	237.8	240.6	243.7	246.3	249.2	252.0
132.5°	217.7	219.6	221.9	224.9	227.5	230.3	233.3	236.1	238.9	241.9	244.4
135°	216.0	218.2	220.6	223.2	225.8	228.6	231.2	234.1	236.5	239.2	241.7
137.5°	217.4	219.4	221.8	223.9	226.0	228.6	230.9	233.3	235.4	237.8	239.9
140°	221.8	223.9	225.3	227.3	228.8	230.7	232.1	234.1	235.4	237.5	238.8
142.5°	225.9	227.9	228.8	230.2	231.5	233.2	234.5	235.8	237.0	238.1	239.2
145°	230.9	232.4	233.1	234.0	234.7	235.5	236.2	237.1	237.6	238.2	238.8
147.5°	235.0	236.1	236.4	237.1	237.6	237.9	238.4	239.0	239.1	239.7	240.1
150°	237.9	238.8	238.8	239.2	239.2	239.5	239.5	239.9	239.9	240.2	240.2
152.5°	240.0	240.7	240.4	240.7	240.5	240.5	240.4	240.5	240.4	240.4	240.5
155°	241.0	241.2	241.0	241.1	241.0	241.0	240.8	241.1	241.0	241.1	241.2
157.5°	243.2	243.2	243.1	243.1	242.8	242.9	242.9	242.9	243.0	243.5	243.7
160°	246.2	246.2	245.9	245.9	245.8	245.7	245.7	245.9	246.0	246.6	246.8
162.5°	249.4	249.3	249.0	249.0	248.9	249.0	249.1	249.5	249.5	250.0	250.3
165°	254.2	254.3	253.9	254.0	253.9	253.8	253.9	254.0	254.4	254.6	255.0
167.5°	259.4	259.3	259.3	259.5	259.5	259.6	259.8	260.3	260.4	261.0	261.2
170°	265.3	265.4	265.2	265.2	265.2	265.3	265.3	265.4	265.7	265.9	265.9
172.5°	271.4	271.4	271.3	271.1	271.0	271.0	270.9	271.0	270.9	270.8	270.7
175°	276.1	276.1	276.0	276.0	275.9	275.6	275.6	275.2	275.1	275.1	275.0
177.5°	279.7	279.4	279.3	279.3	279.2	279.0	279.0	278.9	278.9	278.9	278.6
180°	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4



TEST NUMBER: P1444546  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL12

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39541.6	39541.2	39537.3	39539.1	39539.9	39542.7	39546.1	39549.5	39550.3	39553.0	39553.6
5°	39837.5	39739.7	39667.4	39587.8	39527.9	39474.1	39438.2	39409.7	39398.7	39401.5	39408.1
7.5°	40640.0	40438.0	40271.4	40082.0	39924.0	39756.8	39618.1	39486.3	39390.2	39318.7	39278.6
10°	41520.5	41274.6	41039.3	40765.2	40505.1	40227.6	39976.2	39723.1	39512.0	39328.8	39194.2
12.5°	41911.3	41737.4	41534.1	41275.3	40997.1	40676.8	40353.5	40006.8	39684.4	39385.1	39143.8
15°	41497.5	41497.8	41423.7	41299.6	41106.4	40850.4	40542.3	40181.0	39800.6	39412.4	39057.9
17.5°	40184.2	40432.0	40569.8	40657.0	40630.3	40535.9	40339.9	40062.4	39707.8	39294.3	38861.7
20°	37928.8	38513.2	38930.0	39304.7	39514.7	39654.3	39640.3	39527.3	39274.9	38923.3	38472.7
22.5°	34769.3	35750.3	36524.4	37246.2	37752.5	38164.3	38360.0	38443.1	38328.7	38083.8	37660.6
25°	30931.9	32265.7	33403.9	34508.6	35337.2	36049.3	36477.3	36778.9	36802.8	36674.8	36297.3
27.5°	26667.8	28242.2	29682.8	31150.9	32316.2	33339.9	34011.7	34503.3	34659.5	34638.9	34296.1
30°	22409.1	24061.9	25649.8	27361.8	28803.7	30111.7	30999.0	31663.9	31920.1	31969.3	31639.5
32.5°	18387.2	20017.0	21600.6	23390.3	24977.1	26476.2	27524.5	28314.3	28612.2	28682.4	28320.8
35°	14737.2	16240.8	17745.7	19480.3	21057.9	22610.2	23714.8	24541.7	24820.0	24866.9	24448.1
37.5°	11571.8	12853.0	14164.3	15720.6	17169.5	18627.3	19676.8	20453.8	20656.6	20644.1	20170.1
40°	8906.6	9902.6	10956.3	12237.6	13442.1	14674.4	15560.8	16203.1	16309.6	16230.8	15733.0
42.5°	6697.4	7416.6	8180.6	9137.0	10030.7	10953.0	11597.8	12074.8	12089.9	11965.2	11518.4
45°	4989.5	5691.3	6011.6	6589.9	7165.6	7778.9	8172.6	8467.2	8421.6	8311.9	7972.3
47.5°	3803.6	4073.4	4359.4	4718.0	5053.3	5749.3	5697.7	6170.8	5830.0	6062.4	5550.9
50°	3020.5	3171.2	3325.3	3515.6	3690.9	3872.8	3986.4	4071.3	4060.3	4023.8	3925.9
52.5°	2569.7	2616.3	2692.2	2800.5	2898.2	2996.6	3061.4	3114.0	3115.0	3100.4	3050.7
55°	2147.7	2206.9	2261.4	2332.1	2452.7	2471.2	2564.0	2545.2	2552.4	2526.7	2553.1
57.5°	1893.6	1928.0	1958.7	2000.8	2035.6	2076.2	2100.2	2123.3	2121.1	2116.1	2090.8
60°	1713.5	1732.5	1749.6	1774.1	1793.3	1816.2	1827.2	1839.0	1835.2	1826.7	1804.2
62.5°	1574.8	1586.6	1596.4	1612.2	1623.8	1638.1	1643.9	1648.8	1643.9	1635.7	1615.9
65°	1437.8	1445.4	1451.6	1463.5	1471.8	1484.0	1488.9	1493.5	1488.9	1482.6	1467.5
67.5°	1314.2	1315.0	1314.4	1319.3	1321.8	1329.2	1331.3	1334.7	1329.4	1323.9	1311.1
70°	1220.6	1218.6	1216.3	1218.2	1218.6	1222.2	1222.8	1222.2	1215.9	1206.4	1192.4
72.5°	1147.4	1146.3	1144.5	1146.2	1146.2	1149.4	1148.3	1146.8	1138.9	1129.8	1116.0
75°	1053.2	1052.4	1048.9	1049.0	1046.1	1047.2	1043.3	1041.2	1032.5	1024.8	1012.5
77.5°	943.1	941.3	936.2	934.2	928.6	926.3	919.1	915.5	906.7	900.5	889.9
80°	820.1	818.2	811.6	807.9	799.1	793.4	782.9	776.9	766.7	760.7	750.4
82.5°	677.9	678.6	671.9	667.4	654.8	645.1	630.9	623.3	612.1	606.2	595.6
85°	482.1	475.2	478.9	478.6	470.7	462.2	450.8	442.7	433.3	427.7	420.2
87.5°	264.4	266.1	264.1	262.6	256.9	252.7	243.7	239.0	232.1	228.7	223.1
90°	75.8	75.5	68.9	68.7	62.3	59.8	52.3	50.7	43.9	42.8	37.9
92.5°	39.3	37.3	35.6	33.4	31.7	29.8	27.7	25.8	23.9	22.9	22.6
95°	48.7	46.1	43.2	40.4	37.5	34.7	32.0	29.2	26.4	25.8	25.2
97.5°	55.0	51.6	48.3	45.2	41.8	38.5	35.3	31.9	28.6	28.2	27.8
100°	93.8	86.3	78.6	71.0	63.3	55.7	48.2	40.5	33.1	32.7	32.2
102.5°	207.0	188.6	170.2	151.7	133.4	114.8	96.4	77.8	59.3	56.6	54.0
105°	363.6	335.5	307.9	279.8	251.8	223.8	196.0	167.7	139.8	130.9	121.9
107.5°	477.1	450.7	424.7	398.5	372.1	346.1	319.8	293.4	267.1	251.3	235.6
110°	529.3	508.6	488.1	467.4	446.6	425.9	405.1	384.4	363.6	350.0	336.7



TEST NUMBER: P1444546  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL12

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	525.0	510.0	495.3	480.1	465.2	450.0	435.1	419.9	404.7	396.7	388.6
115°	478.0	469.2	460.5	451.6	442.9	434.1	425.3	416.2	407.1	403.2	399.1
117.5°	422.1	417.8	413.8	409.7	405.5	401.1	397.0	392.6	388.2	387.2	386.0
120°	365.6	364.9	363.9	363.1	362.3	361.6	360.6	359.6	358.6	359.3	360.1
122.5°	319.3	320.6	322.0	323.1	324.5	325.6	327.1	327.9	329.1	330.9	332.7
125°	288.2	290.3	292.6	294.8	296.8	298.9	301.3	303.1	305.3	307.0	309.0
127.5°	267.4	269.7	272.3	274.5	277.0	279.3	281.8	283.8	286.2	288.1	290.1
130°	254.4	256.6	259.0	261.1	263.3	265.6	267.7	270.0	272.2	273.9	275.8
132.5°	246.6	248.8	251.0	252.9	255.2	257.1	259.4	261.4	263.7	265.2	266.9
135°	243.8	245.3	247.3	248.9	250.9	252.5	254.4	256.4	258.4	259.8	261.4
137.5°	241.5	243.0	244.8	246.2	248.0	249.5	251.4	253.0	255.1	256.1	257.7
140°	240.4	241.8	243.5	245.0	246.7	248.1	250.3	251.9	253.8	255.1	256.5
142.5°	240.7	241.7	243.1	244.3	245.9	247.2	248.8	250.5	252.2	253.6	254.8
145°	240.2	241.4	242.9	244.2	245.5	247.0	248.9	250.5	252.4	253.5	254.8
147.5°	241.1	242.1	243.5	244.6	246.0	247.2	248.9	250.4	252.1	253.3	254.3
150°	241.3	242.3	243.5	244.5	245.9	247.3	248.9	250.4	252.4	253.5	254.5
152.5°	241.5	242.5	243.7	245.0	246.4	247.8	249.4	251.0	252.8	253.7	254.9
155°	242.4	243.3	244.6	245.9	247.4	248.5	250.2	251.6	253.3	254.4	255.4
157.5°	244.7	245.5	246.8	248.0	249.2	250.5	252.1	253.3	254.8	255.7	256.6
160°	247.7	248.6	249.8	251.0	252.1	253.4	254.6	255.8	257.0	258.0	258.9
162.5°	251.2	252.4	253.5	254.4	255.7	256.9	258.1	259.3	260.5	261.2	262.1
165°	255.9	256.8	257.7	258.5	259.5	260.1	261.3	262.2	263.3	263.9	264.9
167.5°	262.2	262.7	263.3	264.0	264.9	265.6	266.5	267.2	268.2	268.9	269.6
170°	266.5	267.1	267.6	268.2	269.0	269.6	270.2	270.8	271.8	272.3	272.9
172.5°	271.1	271.3	271.9	272.2	272.6	272.9	273.4	274.0	274.4	275.0	275.4
175°	275.4	275.4	275.7	275.8	275.9	276.1	276.5	276.8	277.0	277.4	277.6
177.5°	278.7	278.8	278.8	278.9	279.3	279.3	279.4	279.5	279.8	280.0	280.3
180°	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4



TEST NUMBER: P1444546  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL12

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39552.4	39551.9	39550.6	39548.8	39547.0	39548.1	39549.8	39554.4	39562.3	39573.8	39588.8
5°	39413.5	39421.6	39426.1	39426.7	39422.6	39420.1	39424.0	39434.8	39456.8	39493.5	39543.2
7.5°	39267.9	39277.9	39293.2	39304.7	39306.9	39304.0	39304.7	39321.7	39362.2	39433.8	39534.2
10°	39112.4	39082.9	39098.5	39127.0	39149.7	39153.8	39156.6	39176.7	39235.9	39344.1	39505.4
12.5°	38968.9	38875.4	38857.2	38883.0	38917.5	38928.4	38925.4	38934.0	39003.4	39146.6	39371.4
15°	38780.1	38604.0	38543.9	38550.5	38593.0	38608.2	38597.1	38580.0	38647.5	38822.4	39113.5
17.5°	38474.4	38190.6	38080.0	38075.1	38124.9	38138.1	38110.7	38057.8	38124.3	38342.5	38703.8
20°	38009.8	37590.8	37382.5	37349.5	37403.5	37387.7	37333.2	37253.1	37340.5	37605.8	38035.6
22.5°	37174.6	36643.7	36287.8	36173.1	36237.7	36194.7	36115.1	36012.9	36128.9	36430.4	36909.0
25°	35809.7	35196.3	34709.2	34436.0	34487.5	34410.2	34323.6	34199.8	34338.1	34684.2	35211.0
27.5°	33803.7	33095.1	32491.5	32039.1	32055.6	31954.5	31854.7	31694.5	31867.2	32276.9	32871.1
30°	31136.1	30316.0	29581.0	28966.2	28911.3	28813.1	28710.9	28500.6	28716.9	29207.2	29901.5
32.5°	27786.0	26875.5	26026.3	25248.9	25102.3	25006.6	24915.6	24673.4	24956.6	25528.3	26326.0
35°	23868.2	22898.5	21977.6	21089.8	20846.8	20751.1	20671.5	20439.6	20792.9	21415.0	22276.5
37.5°	19567.9	18577.2	17663.0	16752.6	16409.4	16279.4	16221.6	16069.7	16477.3	17092.7	17957.8
40°	15153.2	14232.1	13412.5	12608.4	12217.0	12018.3	11988.0	11960.4	12354.4	12888.3	13673.5
42.5°	11023.3	10280.2	9648.2	9033.6	8679.0	8407.7	8407.5	8489.9	8844.6	9244.5	9850.0
45°	7625.2	7126.5	6723.8	6313.2	6422.9	5881.9	6199.8	6036.7	6212.0	6469.8	6863.6
47.5°	5241.6	4969.3	4748.1	4518.7	4351.5	4191.8	4205.7	4308.7	4473.8	4626.8	4831.7
50°	3820.2	3681.6	3568.9	3449.8	3366.5	3296.0	3300.2	3344.8	3431.5	3512.2	3619.3
52.5°	2993.4	2916.9	2855.7	2789.9	2746.2	2711.2	2713.1	2734.7	2781.6	2827.6	2889.1
55°	2467.3	2458.1	2378.5	2319.3	2296.8	2273.4	2277.6	2286.1	2318.1	2344.9	2385.7
57.5°	2067.5	2031.8	2008.0	1976.9	1962.5	1946.1	1949.8	1953.0	1974.3	1992.4	2021.7
60°	1785.4	1760.1	1743.1	1721.9	1712.5	1702.1	1704.4	1706.3	1720.0	1731.8	1752.8
62.5°	1597.8	1575.1	1560.4	1544.1	1537.5	1530.4	1532.1	1532.7	1541.2	1549.8	1565.7
65°	1453.9	1436.0	1423.8	1409.7	1402.7	1395.5	1396.2	1396.2	1403.4	1409.7	1421.7
67.5°	1301.9	1288.3	1280.4	1269.2	1264.6	1257.0	1256.9	1254.5	1259.2	1261.8	1269.8
70°	1179.8	1166.2	1156.0	1145.2	1139.4	1132.8	1132.9	1133.1	1138.5	1144.2	1154.7
72.5°	1104.4	1091.3	1082.3	1072.9	1067.4	1061.7	1060.7	1060.1	1064.1	1067.2	1074.0
75°	1004.5	994.1	988.8	980.0	975.5	969.2	968.2	965.3	967.2	967.8	972.9
77.5°	883.3	873.4	869.2	860.2	856.6	849.4	848.8	845.5	847.0	846.0	850.0
80°	745.3	736.2	733.9	726.5	724.8	718.2	717.1	713.2	714.3	711.2	712.8
82.5°	591.1	582.8	581.1	574.3	574.3	568.3	568.0	562.0	562.0	556.9	548.6
85°	416.4	410.3	407.8	402.3	400.6	395.8	393.3	387.6	385.5	381.8	380.7
87.5°	219.7	215.9	212.5	209.9	205.0	196.3	195.6	189.6	190.0	185.8	186.1
90°	37.3	32.9	32.6	28.5	27.8	25.1	24.7	24.2	24.4	24.1	24.4
92.5°	21.9	21.2	20.7	20.0	19.3	18.7	18.0	18.7	19.3	20.0	20.7
95°	24.6	24.0	23.6	23.0	22.4	21.8	21.2	21.8	22.4	23.2	23.8
97.5°	27.5	27.1	26.8	26.4	26.1	25.7	25.3	25.9	26.3	26.6	27.0
100°	31.8	31.3	30.9	30.4	30.1	29.6	29.2	29.9	30.3	30.7	31.2
102.5°	51.4	48.7	46.1	43.3	40.6	38.0	35.3	38.0	40.6	43.5	46.3
105°	112.8	103.9	94.9	85.9	76.8	67.8	58.8	67.9	76.9	86.0	95.2
107.5°	219.6	204.0	188.1	172.3	156.2	140.4	124.5	140.6	156.5	172.5	188.4
110°	323.1	309.4	295.8	282.2	268.5	254.9	241.1	255.0	268.8	282.5	296.2



TEST NUMBER: P1444546  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL12

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	380.4	372.2	364.0	355.9	347.5	339.5	331.0	339.8	348.1	356.6	365.0
115°	395.0	390.9	386.9	382.7	378.2	374.1	369.6	374.6	379.0	383.6	388.0
117.5°	384.7	383.8	382.4	381.3	379.9	378.6	377.2	378.9	380.6	382.5	383.9
120°	360.5	361.4	362.0	362.4	363.0	363.4	363.7	364.0	364.0	364.0	363.9
122.5°	334.4	336.3	337.7	339.5	341.0	342.5	343.7	343.1	342.2	341.3	340.0
125°	310.8	312.9	314.5	316.4	317.9	319.7	320.8	320.5	319.6	318.6	317.4
127.5°	292.0	293.8	295.5	297.5	298.9	300.4	301.6	301.3	300.5	299.6	298.5
130°	277.4	279.3	280.7	282.4	283.7	284.9	285.8	285.7	285.3	285.0	284.1
132.5°	268.4	270.2	271.7	273.1	274.1	275.5	276.1	276.3	276.1	276.0	275.2
135°	262.9	264.2	265.6	267.1	268.0	269.0	269.6	270.0	269.9	269.9	269.4
137.5°	258.9	260.3	261.3	262.5	263.3	264.0	264.4	265.1	265.2	265.7	265.3
140°	257.7	259.2	260.3	261.3	262.4	263.3	263.6	264.3	264.5	264.6	264.3
142.5°	256.2	257.4	258.7	259.9	260.6	261.4	261.9	262.5	262.7	262.8	262.7
145°	256.0	257.0	258.2	259.4	260.0	260.6	260.8	261.7	261.9	262.2	262.2
147.5°	255.4	256.8	257.4	258.4	259.1	259.8	260.1	260.6	261.0	261.2	261.3
150°	255.8	256.9	257.8	258.8	259.7	260.3	260.5	261.2	261.4	261.6	261.5
152.5°	256.0	256.9	257.8	258.6	259.5	260.1	260.3	260.9	261.4	261.7	261.8
155°	256.4	257.3	258.2	259.1	259.7	260.4	261.0	261.6	262.1	262.4	262.7
157.5°	257.4	258.5	259.2	260.1	260.6	261.6	262.2	262.9	263.3	263.9	264.2
160°	259.6	260.6	261.2	262.1	262.9	263.5	264.1	264.9	265.5	265.9	266.5
162.5°	262.9	263.7	264.2	265.1	265.8	266.5	267.1	267.8	268.5	269.1	269.5
165°	265.7	266.5	267.1	268.0	268.7	269.6	270.1	270.7	271.1	271.7	272.0
167.5°	270.1	270.9	271.5	272.3	272.8	273.6	274.3	274.8	275.1	275.6	275.9
170°	273.4	274.1	274.7	275.2	276.0	276.5	276.9	277.2	277.7	278.0	278.4
172.5°	275.9	276.5	277.0	277.7	278.2	278.8	279.3	279.6	279.8	279.9	280.0
175°	278.0	278.6	278.9	279.3	279.6	280.0	280.5	280.4	280.8	280.7	280.9
177.5°	280.8	281.3	281.6	281.8	282.3	282.5	282.7	282.5	282.5	282.4	282.2
180°	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4



TEST NUMBER: P1444546  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL12

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39610.0	39629.8	39660.2	39687.6	39729.0	39761.6	39810.6	39847.8	39903.1	39939.0	39999.2
5°	39613.5	39691.0	39792.9	39892.4	40012.0	40120.5	40255.3	40370.2	40505.8	40616.4	40755.1
7.5°	39669.6	39819.0	39998.1	40178.5	40382.7	40573.7	40788.8	40983.5	41196.4	41376.5	41573.2
10°	39710.9	39941.4	40205.4	40471.0	40750.5	41010.3	41272.6	41499.2	41710.9	41885.3	42039.2
12.5°	39654.9	39972.4	40311.1	40638.2	40949.1	41218.0	41443.6	41617.8	41738.2	41819.8	41838.9
15°	39464.4	39846.4	40214.8	40540.5	40798.5	40997.5	41100.5	41148.6	41097.0	41011.1	40822.2
17.5°	39108.7	39511.6	39840.9	40097.9	40234.2	40288.2	40202.9	40054.4	39764.4	39442.5	38977.6
20°	38456.3	38831.8	39070.7	39210.9	39174.4	39039.5	38717.4	38325.9	37746.8	37129.8	36315.4
22.5°	37312.2	37640.6	37767.8	37778.2	37555.6	37218.0	36637.0	35965.5	35052.1	34102.3	32934.4
25°	35594.9	35882.4	35902.5	35789.6	35382.3	34835.1	33982.1	33032.2	31790.8	30525.4	29061.8
27.5°	33265.8	33541.6	33474.1	33263.3	32697.9	31965.7	30873.5	29646.3	28116.0	26621.4	25002.4
30°	30338.0	30632.9	30553.6	30283.3	29610.8	28745.4	27460.2	26034.5	24335.4	22739.1	21098.5
32.5°	26834.2	27207.1	27152.4	26895.4	26193.7	25267.4	23873.1	22360.9	20622.6	19049.5	17453.6
35°	22851.8	23304.4	23327.9	23159.9	22508.5	21593.0	20216.1	18752.4	17087.3	15603.1	14128.8
37.5°	18561.1	19085.9	19193.7	19148.4	18608.6	17800.4	16545.8	15232.7	13757.7	12456.9	11196.0
40°	14246.7	14778.0	14962.3	15017.0	14618.6	13992.6	12963.0	11903.2	10700.6	9646.6	8645.4
42.5°	10312.2	10783.1	10961.3	11073.4	10824.6	10407.2	9656.2	8886.5	8005.6	7245.3	6516.4
45°	7162.1	7495.2	7630.6	7743.5	7608.0	7372.5	6898.2	6416.8	5835.3	5338.5	4868.2
47.5°	5007.4	5191.2	5280.6	5335.2	5282.8	5159.9	4901.8	4623.0	4294.7	4004.4	3725.3
50°	3711.6	3809.3	3856.2	3887.8	3849.5	3781.2	3641.6	3489.8	3309.5	3145.1	2984.3
52.5°	2941.3	2997.4	3025.2	3042.2	3020.3	2978.6	2897.2	2807.2	2699.1	2597.5	2544.1
55°	2477.9	2475.0	2539.2	2508.2	2539.2	2470.0	2455.4	2356.5	2266.7	2203.5	2135.1
57.5°	2043.5	2072.6	2084.9	2098.7	2089.8	2077.1	2042.6	2007.1	1959.8	1920.2	1878.0
60°	1768.9	1792.8	1806.4	1820.1	1819.2	1814.5	1794.5	1773.2	1743.7	1720.0	1694.4
62.5°	1579.7	1600.5	1613.8	1626.9	1628.1	1626.2	1611.0	1596.4	1576.2	1561.4	1543.7
65°	1430.9	1445.4	1454.5	1465.0	1464.4	1461.6	1447.9	1435.7	1419.1	1408.9	1395.9
67.5°	1275.1	1286.2	1293.2	1303.1	1305.0	1305.6	1298.0	1292.3	1284.3	1281.4	1276.9
70°	1164.4	1177.8	1189.1	1201.6	1208.3	1211.6	1208.3	1205.4	1200.7	1198.6	1195.3
72.5°	1080.5	1091.9	1100.7	1112.1	1118.4	1122.9	1120.4	1118.7	1114.7	1114.1	1111.8
75°	976.4	984.3	989.2	997.7	1001.1	1005.4	1003.5	1004.5	1003.2	1006.5	1006.3
77.5°	851.2	857.0	859.4	865.5	866.2	871.3	872.5	878.5	882.7	892.1	897.2
80°	710.3	714.0	714.0	720.3	723.1	731.9	735.9	745.8	750.4	758.7	759.5
82.5°	551.8	547.5	551.8	549.2	557.2	566.9	568.3	576.6	578.6	583.9	579.7
85°	377.3	377.0	373.6	374.2	371.7	372.8	371.4	373.0	371.5	371.7	367.9
87.5°	180.7	182.4	178.4	179.8	175.9	177.6	174.2	177.0	173.0	173.6	167.6
90°	24.3	24.5	24.5	24.8	25.6	26.5	27.6	28.6	30.3	31.1	32.5
92.5°	21.2	22.1	22.8	23.4	24.0	26.0	27.9	30.0	32.0	33.8	35.8
95°	24.2	24.8	25.4	26.3	26.9	29.7	32.5	35.3	38.1	41.0	43.8
97.5°	27.6	28.0	28.3	28.7	29.2	32.5	35.9	39.2	42.5	45.9	49.1
100°	31.7	32.2	32.6	33.3	33.6	41.3	49.0	56.6	64.3	71.8	79.5
102.5°	49.0	51.7	54.4	57.3	60.0	78.6	97.3	115.8	134.1	152.7	171.2
105°	104.2	113.3	122.7	131.7	140.7	168.8	197.0	225.1	253.0	281.0	309.1
107.5°	204.4	220.3	236.5	252.4	268.3	294.8	321.0	347.4	373.9	400.3	426.3
110°	310.3	323.8	337.7	351.5	365.3	386.0	407.0	427.8	448.7	469.6	490.3



TEST NUMBER: P1444546  
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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°	373.4	381.7	390.2	398.2	406.7	421.9	437.3	452.4	467.8	482.7	497.9
115°	392.5	396.5	401.0	405.2	409.7	418.8	427.7	436.8	445.9	454.8	463.9
117.5°	385.5	387.0	388.5	389.6	391.0	395.6	400.1	404.4	409.0	413.4	417.8
120°	363.7	363.3	363.0	362.4	362.2	363.0	364.4	365.4	366.6	367.5	368.5
122.5°	339.1	337.5	336.3	334.8	333.4	332.2	331.3	330.2	329.4	328.2	327.1
125°	316.2	314.5	313.2	311.5	309.9	308.0	306.3	304.2	302.2	300.3	298.4
127.5°	297.7	296.1	294.9	293.2	291.7	289.3	287.3	285.1	283.0	280.7	278.6
130°	283.3	282.1	281.1	279.3	278.3	276.1	274.2	272.1	269.9	268.0	265.9
132.5°	274.6	273.6	272.7	271.2	270.2	268.2	266.5	264.3	262.5	260.4	258.7
135°	269.0	268.1	267.5	266.5	265.5	263.5	262.1	260.3	258.7	257.1	255.5
137.5°	265.2	264.4	263.9	263.2	262.4	260.7	259.5	257.8	256.6	254.9	253.7
140°	264.1	263.6	263.1	262.4	261.6	260.1	258.8	257.1	255.8	254.2	252.9
142.5°	262.3	261.9	261.4	260.7	260.1	258.7	257.8	256.6	255.3	254.1	253.0
145°	261.9	261.5	261.4	260.7	260.4	259.1	258.0	256.6	255.6	254.2	253.2
147.5°	261.4	261.0	260.9	260.6	260.5	259.3	258.6	257.4	256.8	255.5	254.8
150°	261.6	261.6	261.4	261.1	260.9	260.0	259.3	258.3	257.6	256.6	256.0
152.5°	261.9	262.0	262.0	262.0	262.1	261.3	260.6	259.8	259.0	258.1	257.4
155°	263.0	263.1	263.3	263.3	263.3	262.7	262.1	261.3	260.7	260.1	259.5
157.5°	264.5	264.8	265.1	265.3	265.4	264.9	264.4	263.8	263.3	262.8	262.3
160°	266.8	267.2	267.5	267.7	268.0	267.6	267.4	266.7	266.5	265.9	265.2
162.5°	269.9	270.3	270.6	270.8	271.1	270.7	270.5	270.1	269.7	269.0	268.5
165°	272.5	272.6	272.9	273.0	273.2	272.9	272.8	272.5	272.2	271.9	271.6
167.5°	276.2	276.2	276.7	276.8	277.0	276.8	277.0	276.6	276.4	276.2	276.1
170°	278.7	278.9	279.1	279.2	279.3	279.2	279.1	278.9	279.0	278.4	278.2
172.5°	280.2	280.3	280.4	280.6	280.5	280.4	280.4	280.3	280.2	280.1	279.9
175°	280.9	280.9	281.0	281.1	281.0	281.1	281.1	281.1	281.0	281.0	280.9
177.5°	282.3	282.3	282.0	281.9	281.9	281.8	281.8	281.8	282.0	281.9	281.8
180°	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4



TEST NUMBER: P1444546  
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**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	40036.4	39789.1	39756.5	39773.8	39815.1	39830.4	39875.1	39887.3	39932.1	39943.1	39986.2
5°	40862.5	40535.7	40552.0	40630.6	40749.6	40820.4	40937.4	40998.6	41110.2	41160.9	41261.8
7.5°	41733.6	41477.0	41557.0	41689.5	41852.1	41964.8	42105.3	42196.7	42317.8	42393.0	42489.8
10°	42161.3	42091.0	42179.1	42283.4	42376.2	42448.8	42508.3	42556.1	42587.2	42616.5	42629.3
12.5°	41835.8	41944.6	41959.6	41949.6	41888.0	41841.2	41735.7	41664.0	41536.8	41459.3	41308.0
15°	40629.2	40868.5	40736.0	40535.4	40241.9	39997.1	39651.5	39394.1	39034.2	38790.0	38428.9
17.5°	38511.7	38813.7	38468.4	38004.3	37413.8	36908.5	36279.5	35780.2	35154.6	34699.8	34116.1
20°	35530.6	35812.8	35197.0	34427.5	33514.1	32745.3	31838.7	31115.4	30273.0	29646.3	28890.0
22.5°	31818.9	32020.0	31152.3	30115.0	28951.2	27990.8	26907.0	26039.7	25078.4	24361.9	23555.6
25°	27712.6	27766.8	26726.1	25531.1	24234.0	23154.6	21997.4	21085.7	20105.2	19379.1	18587.6
27.5°	23568.1	23488.5	22363.6	21096.4	19732.1	18610.2	17481.5	16627.1	15768.4	15114.3	14432.5
30°	19656.1	19463.5	18295.6	16993.1	15668.7	14663.2	13726.1	13040.0	12356.8	11838.0	11290.7
32.5°	16068.8	15797.1	14660.2	13439.9	12324.0	11548.0	10853.2	10334.0	9782.3	9344.0	8884.7
35°	12891.5	12601.9	11594.7	10560.2	9715.6	9143.6	8597.5	8171.6	7703.1	7333.4	6934.5
37.5°	10164.6	9927.2	9083.6	8269.5	7630.6	7187.4	6739.9	6391.8	6004.8	5842.1	5415.8
40°	7847.0	7681.1	7021.5	6421.4	5941.6	5733.4	5279.2	4954.1	4664.7	4426.2	4195.2
42.5°	6120.8	6062.1	5420.1	4952.1	4614.3	4351.9	4098.8	3893.3	3693.3	3528.9	3373.6
45°	4491.8	4445.3	4160.3	3890.1	3659.9	3476.6	3305.5	3164.2	3033.4	2925.1	2826.4
47.5°	3497.7	3482.9	3318.7	3151.2	3006.2	2888.4	2777.4	2683.5	2596.7	2524.4	2500.8
50°	2844.9	2842.9	2746.6	2643.2	2540.0	2471.9	2401.0	2345.5	2289.8	2246.4	2200.6
52.5°	2417.2	2406.7	2341.7	2277.9	2216.6	2171.9	2126.6	2091.1	2054.1	2027.4	1998.9
55°	2081.0	2092.0	2054.3	2016.2	1977.8	1950.1	1918.3	1894.9	1869.6	1852.7	1835.5
57.5°	1847.4	1862.0	1842.3	1820.7	1797.3	1779.0	1757.0	1741.0	1724.0	1713.2	1703.2
60°	1677.5	1693.4	1685.5	1674.6	1660.2	1649.3	1635.4	1626.3	1615.5	1609.5	1603.8
62.5°	1533.4	1553.2	1550.4	1545.3	1536.1	1530.0	1522.4	1518.4	1511.2	1508.5	1505.9
65°	1389.6	1411.9	1411.5	1409.0	1403.8	1402.1	1397.3	1396.4	1392.8	1394.2	1393.9
67.5°	1276.4	1295.9	1300.2	1303.3	1303.1	1304.2	1303.8	1305.7	1305.7	1308.5	1310.2
70°	1194.9	1208.3	1211.6	1214.8	1215.7	1218.3	1218.3	1220.0	1219.5	1221.9	1222.2
72.5°	1112.3	1130.1	1133.4	1136.0	1136.0	1138.5	1137.2	1136.8	1133.2	1132.5	1130.0
75°	1009.7	1032.5	1037.5	1040.7	1041.2	1043.3	1040.2	1038.4	1032.5	1030.1	1026.0
77.5°	902.4	926.1	929.7	930.8	928.9	929.4	922.9	918.5	911.0	907.9	903.9
80°	762.9	797.7	800.5	798.3	792.9	792.0	785.7	781.5	772.6	769.5	766.1
82.5°	580.5	621.4	627.2	629.7	625.2	626.3	620.2	617.8	609.6	608.1	602.7
85°	366.5	407.4	414.1	413.2	408.7	407.7	404.1	405.3	404.6	406.9	408.0
87.5°	168.4	208.0	217.5	214.5	214.0	211.2	204.9	207.2	211.1	213.5	213.7
90°	33.5	46.7	47.5	47.7	44.0	43.6	40.2	40.6	37.8	38.0	35.4
92.5°	37.8	39.8	41.7	39.9	38.2	36.5	34.7	32.8	31.2	29.3	27.7
95°	46.6	49.2	52.0	49.6	47.1	44.8	42.5	40.2	37.9	35.6	33.3
97.5°	52.4	55.5	58.6	56.2	53.9	51.5	49.2	46.9	44.6	42.1	39.8
100°	87.2	94.2	101.7	95.1	88.4	81.8	75.2	68.6	62.0	55.4	48.7
102.5°	189.6	207.8	226.1	209.2	192.6	175.7	159.0	142.3	125.7	108.7	92.1
105°	336.9	364.5	392.3	366.4	340.9	315.3	289.8	264.3	238.8	213.1	187.7
107.5°	452.6	477.9	503.8	480.5	457.4	434.2	410.9	387.8	364.6	341.3	318.3
110°	511.0	530.5	550.9	535.0	519.4	503.5	487.9	472.0	456.4	440.9	425.3



TEST NUMBER: P1444546  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL12

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	512.9	526.3	541.0	531.3	521.9	512.5	503.1	493.6	484.4	475.0	466.0
115°	472.6	479.5	487.8	483.5	479.6	475.5	471.3	467.5	463.4	459.4	455.7
117.5°	422.1	423.9	427.6	426.1	425.0	423.5	422.3	421.0	419.9	418.9	417.8
120°	369.4	367.7	367.9	367.4	367.3	366.8	366.7	366.3	366.2	366.0	366.0
122.5°	326.0	321.9	319.9	319.4	318.9	318.3	318.0	317.6	317.3	317.0	316.9
125°	296.3	291.0	288.0	286.4	285.0	283.3	281.7	280.1	278.8	277.3	276.0
127.5°	276.2	270.5	267.4	265.0	262.6	260.0	257.5	255.0	252.8	250.2	248.0
130°	263.9	258.0	254.9	252.0	249.4	246.3	243.7	240.9	237.9	235.1	232.4
132.5°	256.6	250.5	247.6	244.9	242.4	239.5	236.9	233.9	231.2	228.2	225.6
135°	253.7	247.8	245.2	242.5	240.3	237.6	234.9	232.3	229.9	227.0	224.9
137.5°	252.0	246.0	243.6	241.3	239.4	237.1	235.1	232.8	230.6	228.1	226.1
140°	251.3	245.0	242.7	241.2	239.9	238.1	236.7	235.1	233.6	232.0	230.4
142.5°	251.7	245.5	243.2	242.1	241.2	239.9	239.1	237.8	236.8	235.2	234.2
145°	252.0	245.2	243.0	242.2	241.9	241.2	240.8	240.1	239.6	238.8	238.2
147.5°	253.6	246.6	244.2	244.0	243.7	243.3	243.2	242.6	242.5	242.1	241.8
150°	254.8	246.8	244.2	244.2	244.0	244.0	244.0	243.8	244.0	243.8	243.8
152.5°	256.4	246.8	243.8	243.8	244.1	243.9	244.1	244.2	244.4	244.6	244.7
155°	258.4	248.0	244.6	244.3	244.3	244.3	244.3	244.5	244.6	244.8	245.0
157.5°	261.3	250.3	247.0	246.5	246.4	246.3	246.3	246.3	246.4	246.5	246.8
160°	264.7	253.5	250.2	249.7	249.5	249.3	249.1	248.9	249.0	249.1	249.3
162.5°	267.8	256.9	253.7	253.2	252.8	252.6	252.5	252.1	252.2	252.1	252.3
165°	271.0	261.3	258.2	257.7	257.6	257.2	257.1	256.9	257.0	256.9	257.1
167.5°	275.5	266.7	264.3	263.8	263.4	263.0	263.0	262.4	262.4	262.1	262.1
170°	277.8	270.9	268.8	268.6	268.7	268.4	268.2	268.2	268.1	267.8	267.9
172.5°	279.7	274.7	273.1	273.0	273.2	273.2	273.4	273.3	273.5	273.6	273.8
175°	280.8	277.9	277.2	277.0	277.0	277.1	277.2	277.2	277.3	277.4	277.7
177.5°	282.0	281.1	280.7	280.7	280.7	280.7	280.7	280.7	280.7	280.9	280.9
180°	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4



TEST NUMBER: P1444546  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL12

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39994.3	40041.0	40037.4	40080.9	40078.8	40119.8	40111.5	40146.9	40138.9	40169.1	40151.4
5°	41306.2	41394.9	41424.1	41504.2	41520.8	41592.4	41593.9	41650.8	41643.9	41688.4	41664.8
7.5°	42547.2	42630.0	42669.3	42731.5	42762.6	42814.0	42834.1	42876.5	42886.7	42911.7	42910.9
10°	42651.9	42651.7	42671.0	42662.4	42679.8	42669.7	42690.9	42683.3	42714.6	42706.5	42730.2
12.5°	41242.7	41102.8	41051.8	40926.1	40898.7	40790.9	40798.5	40729.4	40762.7	40720.3	40792.6
15°	38214.0	37889.6	37729.2	37447.1	37358.6	37135.6	37117.5	36969.4	37009.4	36932.0	37045.2
17.5°	33738.3	33227.5	32947.2	32535.3	32371.7	32056.4	31993.2	31802.6	31832.1	31736.1	31872.9
20°	28402.2	27785.0	27431.3	26955.1	26742.5	26366.6	26266.8	26053.6	26080.4	25984.8	26139.5
22.5°	23005.2	22359.1	21960.0	21460.6	21189.3	20835.7	20729.6	20515.3	20527.5	20437.8	20586.7
25°	18045.5	17426.1	17038.7	16585.1	16349.6	16025.5	15914.0	15721.6	15732.5	15658.5	15792.1
27.5°	13959.5	13451.3	13127.1	12746.9	12535.8	12269.4	12160.7	11998.9	11998.5	11944.2	12055.8
30°	10908.6	10484.5	10193.4	9862.4	9664.1	9423.6	9318.6	9173.9	9167.6	9129.1	9217.7
32.5°	8541.2	8163.9	7898.4	7607.2	7429.1	7222.8	7123.4	7007.1	6996.5	6961.6	7034.4
35°	6639.7	6322.0	6093.7	5848.4	5866.5	5562.0	5612.6	5376.2	5312.1	5298.0	5352.2
37.5°	5131.7	4885.6	4700.2	4516.5	4392.1	4263.4	4194.1	4131.9	4124.9	4118.8	4156.8
40°	4016.7	3844.5	3709.7	3583.6	3498.0	3419.5	3376.1	3342.0	3333.8	3329.3	3352.3
42.5°	3250.9	3134.8	3047.8	2970.9	2918.8	2876.2	2852.3	2833.4	2827.0	2827.2	2840.7
45°	2746.6	2676.2	2620.1	2572.3	2539.0	2553.7	2510.7	2533.2	2503.5	2534.2	2513.9
47.5°	2418.8	2358.8	2324.1	2290.2	2270.1	2253.9	2254.5	2254.8	2261.2	2262.1	2268.7
50°	2165.8	2131.1	2107.0	2085.4	2074.9	2066.4	2069.4	2071.5	2077.7	2078.2	2083.0
52.5°	1978.6	1955.8	1941.3	1927.8	1923.1	1918.3	1920.3	1919.5	1922.3	1920.8	1924.8
55°	1826.2	1815.5	1811.0	1805.9	1806.7	1805.3	1806.2	1801.4	1798.5	1794.8	1798.2
57.5°	1701.2	1699.7	1702.8	1704.9	1710.6	1712.6	1714.0	1708.4	1703.1	1698.3	1701.1
60°	1604.9	1607.2	1614.9	1621.0	1629.3	1633.1	1635.5	1632.3	1628.4	1624.4	1626.8
62.5°	1509.9	1513.6	1522.7	1529.6	1539.6	1544.7	1550.4	1550.7	1552.3	1550.7	1552.4
65°	1399.5	1404.1	1412.3	1418.1	1427.4	1431.9	1437.8	1438.8	1442.0	1441.3	1444.2
67.5°	1315.7	1319.8	1326.7	1332.2	1340.4	1345.2	1350.3	1350.6	1351.7	1351.5	1354.1
70°	1226.3	1228.3	1234.5	1239.1	1247.3	1252.2	1258.1	1259.8	1263.5	1264.1	1267.0
72.5°	1131.0	1130.1	1133.8	1135.8	1142.0	1145.9	1153.4	1157.4	1163.6	1165.3	1167.5
75°	1027.1	1026.2	1030.7	1032.5	1037.8	1041.6	1050.0	1055.4	1064.9	1068.9	1067.9
77.5°	907.0	909.0	917.3	921.8	928.9	933.7	944.7	953.3	970.9	978.4	970.7
80°	772.6	774.8	783.4	787.6	796.8	802.7	815.0	825.0	840.9	844.2	839.8
82.5°	607.4	608.0	615.6	618.9	630.9	639.7	655.1	663.1	672.8	671.4	670.2
85°	414.1	419.7	429.3	438.9	453.6	467.6	482.3	494.3	485.8	499.2	484.1
87.5°	221.4	220.8	233.7	231.6	252.2	264.1	276.8	282.8	289.6	288.3	288.4
90°	36.1	33.9	35.1	32.7	34.8	32.1	35.2	32.9	36.7	33.5	39.0
92.5°	25.8	25.0	23.9	23.2	22.0	21.3	20.2	19.2	18.3	17.4	18.3
95°	30.9	30.1	29.2	28.2	27.3	26.6	25.7	24.8	23.9	23.1	24.1
97.5°	37.4	36.9	36.5	35.9	35.4	34.9	34.4	33.8	33.3	32.8	33.5
100°	42.1	42.1	42.1	42.1	41.8	41.8	41.8	41.8	41.8	41.8	42.4
102.5°	75.2	73.6	71.9	70.1	68.5	66.7	65.1	63.4	61.8	60.1	62.5
105°	162.1	155.6	149.0	142.4	135.7	129.3	122.8	116.2	109.7	103.2	109.9
107.5°	295.3	283.3	271.3	259.5	247.4	235.5	223.7	211.9	199.9	188.1	198.8
110°	409.7	397.0	384.2	371.6	358.9	346.2	333.5	320.9	308.3	295.7	305.8



TEST NUMBER: P1444546  
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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°	456.8	448.2	439.9	431.7	423.3	415.3	407.0	398.9	390.9	382.7	387.7
115°	451.7	447.7	443.6	439.6	435.7	431.5	427.6	423.7	419.9	416.1	416.4
117.5°	416.7	415.1	413.6	412.1	410.5	409.2	407.8	406.6	405.2	404.1	401.4
120°	366.1	366.0	365.9	366.2	366.4	366.8	366.8	367.4	367.9	368.4	364.7
122.5°	316.7	317.0	317.5	318.1	318.8	319.6	320.4	321.5	322.6	323.7	320.0
125°	274.5	274.9	275.2	275.8	276.1	277.0	277.8	279.0	279.8	281.1	278.0
127.5°	245.8	245.4	244.8	244.8	244.6	244.8	245.0	245.4	245.9	246.6	244.6
130°	229.6	228.5	227.4	226.5	225.4	225.0	224.6	224.1	223.9	223.8	223.1
132.5°	222.8	221.3	219.6	218.2	216.8	215.8	214.7	214.1	213.3	212.9	212.7
135°	221.9	220.0	218.2	216.4	214.7	213.6	212.1	211.2	210.2	209.4	210.0
137.5°	223.8	222.0	220.0	218.5	216.7	215.5	214.0	213.0	212.2	211.4	212.1
140°	228.7	226.9	225.0	223.4	221.9	220.6	219.3	218.5	217.2	216.8	217.2
142.5°	232.9	231.5	229.7	228.2	226.8	225.7	224.7	223.8	222.7	222.3	222.7
145°	237.5	236.3	234.9	233.8	232.8	232.1	231.0	230.6	230.0	229.8	230.1
147.5°	241.2	240.6	239.4	238.7	237.7	237.3	236.5	236.2	235.7	235.6	235.8
150°	243.7	243.2	242.5	242.0	241.4	241.1	240.8	240.6	240.3	240.3	240.4
152.5°	244.9	244.6	244.0	243.7	243.3	243.1	242.8	242.9	242.7	242.7	242.8
155°	245.2	245.0	244.9	244.9	244.8	245.0	244.9	245.2	245.2	245.5	245.6
157.5°	246.9	247.1	247.1	247.4	247.4	247.7	247.8	248.3	248.4	248.9	249.2
160°	249.7	249.9	249.9	250.2	250.3	250.5	250.7	251.0	251.3	251.6	252.0
162.5°	252.4	252.8	253.0	253.3	253.7	253.9	254.4	255.0	255.3	255.9	256.4
165°	257.2	257.3	257.3	257.5	257.8	258.0	258.2	258.9	259.1	259.6	260.1
167.5°	262.0	262.2	262.2	262.3	262.6	263.0	263.2	263.6	264.0	264.7	265.1
170°	267.7	267.7	267.7	267.7	267.7	268.0	268.2	268.3	268.5	268.9	269.2
172.5°	273.7	273.7	273.4	273.7	273.4	273.7	273.7	273.9	273.9	274.1	274.2
175°	277.5	277.9	278.0	278.2	278.1	278.2	278.3	278.3	278.4	278.7	278.7
177.5°	280.9	281.0	281.0	281.0	281.0	281.2	281.2	281.2	281.2	281.0	281.1
180°	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4



TEST NUMBER: P1444546  
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**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	40181.0	40160.8	40181.4	40160.5	40181.4	40156.3	40173.3	40146.3	40153.1	40125.0	40132.3
5°	41700.3	41668.2	41685.2	41643.6	41648.0	41592.4	41591.4	41526.7	41509.6	41435.9	41403.6
7.5°	42928.8	42918.3	42924.2	42897.4	42894.4	42856.3	42838.3	42784.8	42751.0	42683.3	42636.9
10°	42734.3	42765.6	42773.7	42805.6	42812.2	42843.8	42850.5	42882.1	42888.7	42912.1	42912.4
12.5°	40789.2	40895.6	40921.0	41052.4	41107.6	41257.9	41338.6	41504.2	41602.5	41767.7	41869.2
15°	37042.1	37226.0	37299.4	37556.0	37697.9	37997.3	38185.5	38529.3	38772.0	39137.2	39397.6
17.5°	31884.9	32142.0	32258.1	32605.9	32832.8	33274.7	33593.4	34117.6	34519.1	35101.7	35563.5
20°	26166.0	26451.7	26609.2	27006.1	27273.9	27790.3	28187.9	28832.2	29369.5	30107.9	30739.2
22.5°	20633.3	20905.3	21080.1	21483.9	21785.3	22324.0	22768.4	23448.4	24050.5	24882.4	25639.5
25°	15842.5	16091.7	16249.8	16614.9	16898.1	17393.0	17817.5	18471.5	19060.5	19895.1	20671.2
27.5°	12111.4	12320.1	12472.5	12783.9	13033.5	13453.3	13817.9	14358.4	14865.9	15587.9	16279.1
30°	9272.3	9457.3	9605.5	9876.7	10108.3	10472.1	10792.7	11246.7	11666.8	12241.3	12791.2
32.5°	7085.6	7244.9	7377.0	7614.3	7824.4	8152.0	8440.8	8838.9	9199.4	9686.6	10139.0
35°	5402.4	5715.9	5693.7	6021.1	6073.7	6308.9	6566.6	6914.6	7233.9	7648.2	8033.2
37.5°	4193.2	4281.4	4375.7	4520.5	4672.5	4886.5	5104.2	5529.4	5685.3	5998.5	6317.2
40°	3381.4	3441.0	3503.3	3601.1	3707.6	3858.3	4016.8	4219.7	4427.5	4681.3	4940.7
42.5°	2858.6	2892.4	2932.0	2989.5	3055.2	3150.8	3256.9	3394.3	3538.9	3717.6	3900.0
45°	2554.1	2538.1	2549.8	2580.7	2620.3	2678.4	2745.3	2830.4	2924.6	3040.3	3163.6
47.5°	2270.1	2276.6	2280.1	2296.8	2318.1	2357.0	2397.6	2455.4	2567.1	2601.0	2668.2
50°	2082.6	2085.7	2084.6	2093.1	2103.9	2129.2	2155.6	2194.6	2233.7	2285.5	2334.9
52.5°	1925.4	1929.7	1929.2	1934.8	1940.5	1956.5	1973.2	2000.8	2026.4	2059.4	2087.7
55°	1801.3	1807.3	1809.6	1814.4	1817.1	1825.5	1832.1	1845.4	1856.2	1874.9	1892.1
57.5°	1705.8	1714.0	1717.8	1719.4	1716.0	1715.6	1713.4	1716.2	1718.5	1728.4	1738.1
60°	1630.6	1637.2	1638.3	1637.2	1631.1	1626.6	1619.6	1617.3	1616.2	1621.0	1626.3
62.5°	1552.0	1554.3	1552.7	1550.7	1543.7	1539.5	1532.1	1529.4	1527.0	1530.4	1533.1
65°	1443.1	1445.1	1443.1	1441.9	1435.6	1432.2	1426.0	1424.0	1420.4	1421.4	1420.7
67.5°	1354.7	1356.8	1355.1	1353.5	1349.1	1347.1	1342.5	1339.5	1335.3	1333.7	1330.7
70°	1266.6	1268.3	1265.7	1264.1	1259.1	1257.2	1252.9	1252.1	1248.7	1247.9	1244.5
72.5°	1165.3	1165.4	1161.9	1160.8	1157.1	1157.0	1155.3	1156.9	1156.8	1158.5	1157.7
75°	1061.5	1060.1	1055.7	1054.9	1052.1	1053.5	1051.6	1054.1	1054.4	1058.2	1058.6
77.5°	957.8	952.3	943.9	939.9	934.3	933.6	930.4	932.6	931.9	936.3	938.0
80°	826.6	819.9	809.2	804.0	797.4	796.4	793.4	796.4	794.9	800.1	803.7
82.5°	659.9	654.2	643.1	638.9	631.2	632.0	628.7	632.0	631.5	639.2	643.6
85°	488.1	484.3	472.9	462.7	451.4	444.8	438.3	437.1	435.2	438.3	440.9
87.5°	282.0	278.4	269.5	263.5	243.7	244.5	236.8	236.4	234.5	232.7	236.8
90°	36.9	41.5	39.8	43.8	42.7	47.4	46.7	51.3	49.5	53.8	52.9
92.5°	19.2	20.2	21.1	22.0	23.0	23.9	24.8	25.8	27.8	29.6	31.9
95°	25.2	26.4	27.4	28.5	29.6	30.7	31.8	32.9	35.9	38.8	41.8
97.5°	34.3	34.9	35.7	36.4	37.1	37.8	38.6	39.3	42.6	45.8	49.0
100°	43.0	43.5	44.1	44.7	45.3	45.9	46.4	47.0	53.4	59.6	65.7
102.5°	65.1	67.5	69.9	72.4	75.0	77.5	80.0	82.4	96.8	110.8	125.0
105°	116.6	123.3	130.3	137.0	143.8	150.5	157.4	164.1	186.8	209.4	232.2
107.5°	209.3	220.0	230.7	241.4	252.1	262.9	273.4	284.3	306.4	328.7	350.8
110°	316.0	326.3	336.5	346.6	356.8	367.1	377.4	387.8	401.2	414.6	428.1



TEST NUMBER: P1444546  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL12

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	392.7	397.5	402.7	407.7	412.9	418.0	423.1	428.4	435.3	442.0	449.1
115°	416.7	417.0	417.6	418.0	418.6	419.0	419.8	420.4	422.9	425.4	428.0
117.5°	398.7	396.2	393.7	391.0	388.5	386.4	384.1	381.9	381.9	381.9	382.2
120°	361.5	357.9	354.5	350.9	347.8	344.5	341.6	338.6	337.4	336.4	335.3
122.5°	316.6	313.2	309.9	306.6	303.5	300.6	297.8	295.0	294.4	294.0	293.6
125°	275.2	272.5	269.8	267.2	265.0	262.8	260.7	258.6	259.4	260.1	261.2
127.5°	243.1	241.6	240.3	238.9	238.0	237.0	236.2	235.3	237.2	239.0	240.9
130°	222.7	222.3	222.2	221.9	222.3	222.3	222.7	222.9	225.4	227.8	230.3
132.5°	213.2	213.5	214.1	214.7	215.5	216.4	217.6	218.6	221.3	223.7	226.5
135°	210.5	211.2	212.2	213.1	214.6	215.7	217.2	218.5	221.3	223.6	226.3
137.5°	212.9	213.7	214.8	215.9	217.5	218.7	220.5	221.8	224.1	226.2	228.4
140°	218.0	218.6	219.7	220.8	221.9	223.2	224.8	225.9	228.2	229.7	231.5
142.5°	223.7	224.1	225.1	226.1	227.4	228.3	229.7	230.7	232.3	233.6	235.5
145°	230.7	231.2	232.1	232.7	233.8	234.7	235.7	236.7	237.9	239.0	240.2
147.5°	236.4	236.8	237.6	238.3	239.2	239.9	240.7	241.3	242.5	243.4	244.2
150°	240.9	241.2	241.7	242.1	242.9	243.7	244.4	244.9	245.7	246.4	247.4
152.5°	243.4	243.7	244.2	244.5	245.1	245.7	246.3	246.9	247.7	248.2	249.0
155°	246.1	246.7	247.3	247.7	248.4	248.7	249.5	249.9	250.6	251.2	252.0
157.5°	249.8	250.1	250.8	251.1	251.9	252.3	252.9	253.4	254.0	254.5	255.1
160°	252.7	253.4	253.8	254.5	255.2	255.7	256.4	257.0	257.6	258.1	258.7
162.5°	256.9	257.5	258.1	258.5	259.1	259.7	260.1	260.7	261.6	262.0	262.7
165°	260.7	261.2	262.0	262.4	263.3	263.8	264.4	265.1	265.5	266.1	266.5
167.5°	265.7	266.1	266.9	267.3	268.0	268.6	269.2	269.7	270.2	270.5	271.1
170°	269.7	270.1	270.7	271.2	271.8	272.1	272.8	273.1	273.8	274.2	274.8
172.5°	274.6	274.9	275.3	275.5	275.9	276.3	276.7	276.9	277.5	277.9	278.2
175°	278.7	278.7	278.8	279.0	279.1	279.1	279.3	279.5	279.6	279.8	279.9
177.5°	281.2	281.2	281.3	281.4	281.5	281.5	281.6	281.7	281.7	281.7	281.7
180°	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4



TEST NUMBER: P1444546  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL12

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	40104.2	40105.9	40073.5	40071.8	40041.5	40037.7	40008.1	39999.2	39975.2	39966.5	39942.1
5°	41320.9	41281.5	41190.4	41136.9	41046.9	40987.3	40890.0	40826.4	40732.5	40661.6	40567.0
7.5°	42551.5	42490.3	42388.1	42305.3	42180.4	42080.7	41934.6	41815.0	41656.7	41519.7	41353.5
10°	42912.4	42903.0	42877.0	42839.0	42780.9	42715.7	42616.2	42512.5	42373.9	42223.2	42038.5
12.5°	42024.4	42120.3	42251.0	42328.5	42422.8	42464.1	42502.8	42493.1	42467.6	42391.5	42284.7
15°	39774.9	40044.3	40401.1	40677.6	40995.7	41226.9	41482.3	41641.4	41800.0	41873.3	41918.1
17.5°	36196.4	36706.6	37346.4	37876.6	38488.3	38979.6	39518.2	39923.7	40340.7	40639.4	40909.5
20°	31599.9	32339.1	33243.9	34043.3	34972.7	35780.4	36665.6	37392.2	38141.6	38727.6	39282.1
22.5°	26614.2	27492.1	28586.1	29599.4	30797.7	31874.5	33089.5	34146.9	35251.0	36173.4	37065.3
25°	21711.6	22674.4	23870.6	25001.2	26358.2	27610.8	29051.7	30369.7	31796.7	33035.6	34259.6
27.5°	17234.9	18180.1	19401.3	20604.8	22039.8	23374.4	24918.4	26370.4	27995.3	29493.6	31026.5
30°	13555.4	14357.1	15452.1	16617.7	18033.1	19391.2	20951.8	22445.3	24135.6	25771.6	27498.1
32.5°	10739.5	11350.3	12211.1	13196.8	14502.7	15795.6	17281.6	18723.3	20387.8	22040.5	23836.2
35°	8529.2	9005.5	9661.9	10431.1	11536.9	12651.5	13965.8	15276.9	16829.8	18398.1	20143.4
37.5°	6725.7	7112.2	7626.3	8204.1	9091.1	10005.7	11083.5	12170.4	13519.8	14909.9	16491.7
40°	5252.0	5565.0	5965.2	6396.1	7065.9	7770.6	8604.1	9447.0	10531.1	11667.2	12976.3
42.5°	4125.8	4356.8	4639.4	4954.4	5579.3	5953.4	6518.7	7128.3	7925.2	8750.0	9734.2
45°	3313.4	3470.9	3667.0	3878.2	4168.2	4485.7	4872.7	5278.6	6035.8	6407.2	7005.7
47.5°	2767.0	2872.8	2997.5	3130.6	3301.7	3486.3	3715.9	3950.5	4254.1	4568.8	4937.6
50°	2399.0	2506.6	2549.4	2618.4	2717.4	2822.8	2952.2	3081.6	3244.4	3409.5	3599.3
52.5°	2126.0	2161.0	2207.5	2251.5	2312.7	2432.8	2471.6	2539.2	2630.6	2719.9	2819.6
55°	1917.4	1940.2	1970.5	1996.9	2034.1	2069.5	2120.7	2165.6	2226.5	2280.4	2346.6
57.5°	1755.0	1769.6	1790.6	1808.0	1832.0	1852.0	1881.9	1906.4	1941.4	1971.8	2012.0
60°	1637.1	1646.8	1660.9	1672.2	1687.5	1698.0	1712.8	1724.3	1742.8	1758.3	1780.6
62.5°	1540.7	1545.8	1555.0	1561.7	1571.4	1576.6	1584.6	1589.6	1599.7	1607.5	1620.0
65°	1425.1	1426.3	1432.5	1435.3	1443.0	1445.7	1452.2	1454.5	1463.0	1468.7	1479.7
67.5°	1330.4	1327.8	1327.9	1325.8	1326.7	1324.5	1325.2	1322.8	1326.1	1327.9	1336.3
70°	1243.9	1240.2	1239.1	1235.1	1233.9	1229.9	1228.7	1225.0	1224.5	1223.4	1226.3
72.5°	1159.7	1158.7	1159.0	1156.2	1155.9	1153.1	1153.2	1151.4	1153.4	1154.2	1158.0
75°	1062.8	1063.1	1064.9	1062.5	1063.2	1060.9	1061.7	1059.5	1060.7	1060.3	1064.1
77.5°	944.8	947.6	952.7	951.7	953.3	950.7	951.9	948.8	949.6	947.6	949.1
80°	812.2	818.1	825.0	824.7	827.6	825.6	828.3	825.3	826.6	823.0	822.1
82.5°	654.6	659.6	667.0	667.3	673.8	675.0	682.1	681.8	686.4	683.5	681.4
85°	447.6	451.0	457.4	461.0	467.6	471.6	478.6	481.4	476.4	485.5	478.3
87.5°	233.7	242.4	237.6	248.8	246.2	257.6	255.2	265.8	263.7	272.9	271.7
90°	58.8	58.5	64.7	64.8	72.3	73.5	79.3	77.8	83.3	82.0	87.6
92.5°	33.6	36.0	38.0	40.0	42.1	44.3	42.3	40.3	38.5	36.7	34.7
95°	44.7	47.7	50.6	53.6	56.5	59.5	56.3	53.2	50.0	46.8	43.7
97.5°	52.2	55.3	58.5	61.7	65.1	68.3	64.5	60.7	56.9	53.2	49.5
100°	71.9	78.2	84.4	90.5	96.9	103.0	96.1	89.0	82.2	75.1	68.2
102.5°	139.3	153.5	167.6	182.0	196.1	210.3	195.6	180.9	166.1	151.3	136.3
105°	254.9	277.7	300.4	323.1	345.8	368.8	344.8	320.8	296.7	272.9	248.7
107.5°	373.1	395.2	417.7	439.7	462.0	484.5	460.3	435.9	411.8	387.5	363.1
110°	441.8	455.1	468.7	482.4	495.9	509.6	492.0	474.4	456.8	439.1	421.4



TEST NUMBER: P1444546  
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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°	456.0	463.3	470.1	477.3	484.3	491.4	479.0	466.7	454.1	441.8	429.3
115°	430.7	433.2	435.8	438.7	441.2	443.8	435.7	427.5	419.4	411.2	402.7
117.5°	382.4	382.9	383.0	383.6	383.6	383.9	379.5	375.3	370.9	366.5	362.1
120°	334.1	333.3	332.3	331.2	330.1	328.9	327.5	326.3	324.6	323.1	321.3
122.5°	293.1	292.9	292.4	292.0	291.5	291.0	290.9	290.9	290.6	290.4	290.0
125°	262.0	263.0	263.7	264.6	265.4	266.2	266.4	266.7	267.0	267.4	267.4
127.5°	242.5	244.3	246.0	247.7	249.3	250.9	251.4	252.3	252.9	253.5	253.9
130°	232.5	235.1	237.4	239.5	241.6	244.1	244.4	245.1	245.6	246.2	246.7
132.5°	229.0	231.5	234.0	236.7	238.9	241.3	241.8	242.5	242.7	243.4	243.9
135°	228.7	231.2	233.4	236.0	238.0	240.4	240.8	241.2	241.5	242.2	242.5
137.5°	230.3	232.6	234.5	236.5	238.3	240.4	240.6	241.1	241.3	242.0	242.3
140°	233.3	235.0	236.6	238.4	239.9	241.6	241.8	242.1	242.3	242.5	242.6
142.5°	236.8	238.3	239.5	241.1	242.2	243.8	243.5	243.5	243.5	243.5	243.4
145°	241.2	242.6	243.6	244.6	245.3	246.6	246.2	246.1	245.7	245.6	245.2
147.5°	245.0	246.0	246.6	247.4	247.8	248.8	248.4	248.1	247.8	247.4	247.0
150°	247.8	248.8	249.4	250.0	250.5	251.3	250.7	250.4	249.8	249.3	248.9
152.5°	249.7	250.4	250.9	251.3	251.9	252.4	251.8	251.6	250.8	250.3	249.8
155°	252.3	253.0	253.3	253.8	254.0	254.4	253.7	253.7	253.2	252.6	252.0
157.5°	255.5	256.1	256.6	256.9	257.1	257.6	257.2	256.9	256.5	256.3	255.7
160°	259.1	259.6	260.0	260.2	260.7	260.8	260.5	260.5	260.2	259.9	259.4
162.5°	263.1	263.7	264.1	264.4	265.0	265.4	265.1	264.9	264.4	264.1	263.6
165°	266.9	267.4	267.9	268.3	268.5	268.9	268.7	268.6	268.3	268.2	267.8
167.5°	271.4	272.1	272.4	272.8	272.9	273.2	272.9	273.1	272.8	272.5	272.2
170°	275.1	275.5	276.0	276.2	276.5	276.7	276.7	276.6	276.3	276.1	275.9
172.5°	278.6	279.0	279.1	279.3	279.4	279.8	279.7	279.4	279.3	279.0	278.7
175°	279.9	280.1	280.4	280.4	280.4	280.5	280.3	280.1	279.8	279.6	279.4
177.5°	281.7	281.7	281.7	281.6	281.6	281.6	281.5	281.3	281.2	281.0	280.7
180°	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4



TEST NUMBER: P1444546  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL12

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39933.4	39916.1	39904.9	39890.7	39881.9	39870.9	39862.8	39855.9	39850.3	39845.2	39841.3
5°	40494.9	40405.6	40336.4	40261.3	40199.8	40138.3	40090.9	40051.6	40024.6	40004.3	39992.3
7.5°	41209.8	41046.4	40901.2	40748.2	40611.1	40476.3	40360.1	40259.9	40184.7	40136.1	40106.5
10°	41848.3	41629.6	41413.3	41185.6	40969.7	40760.3	40567.0	40397.0	40262.4	40173.0	40120.8
12.5°	42134.6	41948.2	41727.3	41480.1	41215.5	40947.7	40686.9	40451.6	40254.1	40121.5	40045.0
15°	41882.5	41806.0	41656.0	41464.2	41213.1	40936.3	40630.0	40342.0	40077.1	39905.3	39805.7
17.5°	41062.5	41169.3	41157.8	41084.5	40903.9	40671.0	40358.8	40035.3	39704.0	39474.4	39348.9
20°	39678.8	40014.5	40184.7	40272.1	40201.2	40050.2	39767.5	39439.2	39053.0	38753.3	38570.3
22.5°	37734.3	38327.0	38696.2	38966.4	39023.7	38972.3	38722.7	38410.4	37980.0	37619.6	37349.5
25°	35231.2	36099.3	36683.0	37140.4	37318.2	37364.0	37151.7	36841.2	36361.2	35941.5	35570.4
27.5°	32282.7	33410.8	34190.1	34804.8	35082.3	35202.6	35007.2	34690.4	34122.7	33621.6	33136.9
30°	28963.4	30301.8	31240.0	31977.1	32315.4	32474.4	32266.7	31913.2	31252.5	30649.5	30038.8
32.5°	25410.7	26875.3	27897.6	28698.1	29033.3	29182.9	28911.3	28514.1	27750.5	27040.2	26328.0
35°	21691.1	23169.4	24200.3	24979.6	25260.4	25350.6	25003.2	24544.2	23698.2	22918.5	22142.1
37.5°	17895.7	19271.0	20208.0	20907.3	21081.2	21096.7	20678.2	20171.2	19282.0	18513.3	17740.3
40°	14133.1	15292.9	16049.4	16609.2	16669.5	16615.7	16160.7	15650.4	14818.6	14129.9	13451.3
42.5°	10588.9	11464.4	12004.2	12387.8	12365.0	12258.6	11841.4	11402.8	10716.5	10192.0	9657.9
45°	7552.6	8129.8	8445.4	8669.9	8597.8	8496.5	8171.8	7864.3	7398.0	7059.1	6700.3
47.5°	5246.9	5936.2	5816.2	6255.0	5877.0	6126.6	5606.6	5319.9	5072.5	4892.4	4689.6
50°	3756.3	3914.3	3990.6	4042.6	4015.0	3976.6	3883.2	3799.7	3686.6	3604.2	3508.2
52.5°	2900.9	2979.8	3023.1	3054.4	3048.3	3034.3	2993.5	2956.4	2903.4	2868.5	2826.4
55°	2457.2	2458.4	2537.9	2503.8	2554.3	2495.1	2518.4	2452.9	2463.5	2407.3	2369.6
57.5°	2041.8	2074.2	2088.8	2102.9	2098.9	2096.4	2080.6	2072.8	2054.9	2049.5	2036.8
60°	1796.0	1813.0	1816.5	1823.0	1817.6	1815.5	1803.1	1798.7	1786.8	1784.6	1776.2
62.5°	1627.5	1636.2	1636.2	1636.2	1629.2	1622.4	1608.7	1601.5	1591.3	1589.1	1584.3
65°	1486.9	1495.9	1497.4	1499.2	1494.1	1488.9	1476.7	1469.0	1458.5	1454.5	1449.0
67.5°	1341.8	1351.4	1354.6	1359.4	1356.5	1355.4	1347.2	1344.1	1337.2	1335.6	1330.4
70°	1227.7	1231.7	1231.4	1231.3	1224.8	1219.1	1209.5	1204.9	1197.8	1196.3	1191.6
72.5°	1160.0	1162.8	1161.0	1158.5	1150.2	1141.6	1130.4	1122.1	1112.7	1106.9	1100.2
75°	1064.5	1068.2	1065.8	1064.3	1056.7	1051.2	1042.1	1037.6	1031.0	1029.1	1024.5
77.5°	947.3	949.1	945.3	944.8	939.1	935.6	928.8	927.6	922.8	922.9	918.5
80°	816.8	815.8	809.6	808.5	802.7	801.3	796.0	796.3	792.5	794.0	790.9
82.5°	672.1	668.5	660.4	658.0	651.4	650.8	647.3	650.2	647.9	651.4	649.4
85°	481.7	482.7	479.2	479.2	477.2	477.8	477.5	479.8	480.1	483.3	483.2
87.5°	268.6	272.4	271.7	275.2	275.0	279.0	280.3	286.2	286.9	292.3	292.3
90°	86.4	92.4	91.0	97.3	97.1	103.6	104.3	110.7	110.7	116.4	115.2
92.5°	32.8	30.9	29.2	27.1	26.2	25.0	24.6	23.1	22.5	21.2	20.3
95°	40.5	37.3	34.1	30.9	29.9	28.7	27.6	26.6	25.4	24.3	23.3
97.5°	45.8	42.0	38.2	34.4	33.5	32.6	31.5	30.5	29.7	28.7	27.7
100°	61.1	54.1	47.2	40.0	39.3	38.5	37.6	36.8	36.1	35.1	34.2
102.5°	121.6	106.8	91.8	76.9	74.1	71.3	68.5	65.4	62.5	59.7	56.9
105°	224.8	200.5	176.5	152.3	144.7	137.0	129.3	121.6	113.8	106.2	98.5
107.5°	338.8	314.3	289.8	265.3	251.3	237.1	222.9	208.6	194.5	180.2	166.0
110°	403.7	386.0	368.3	350.3	339.2	327.7	316.3	304.8	293.6	282.1	270.6



TEST NUMBER: P1444546  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL12

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	416.6	404.0	391.4	378.5	373.6	368.5	363.5	358.3	353.2	347.9	342.8
115°	394.3	386.1	377.6	368.9	367.6	365.7	364.2	362.3	360.8	359.0	357.1
117.5°	357.7	353.1	348.6	344.0	344.5	345.0	345.8	346.1	346.4	346.6	347.0
120°	319.7	318.0	316.6	314.8	316.9	318.6	320.7	322.2	324.0	325.4	327.1
122.5°	289.9	289.5	289.3	288.8	291.3	293.6	295.7	298.0	299.9	301.6	303.6
125°	267.8	267.9	268.1	268.0	270.7	273.0	275.4	277.4	279.4	281.2	283.1
127.5°	254.6	255.2	255.9	256.2	258.4	260.0	261.9	263.3	265.1	266.3	267.6
130°	247.3	247.5	248.2	248.6	250.5	252.3	254.1	255.5	257.0	258.1	259.3
132.5°	244.4	244.7	245.3	245.6	247.4	248.8	250.3	251.2	252.5	253.2	253.8
135°	243.1	243.4	243.9	244.1	245.6	247.2	248.4	249.5	250.6	251.2	251.9
137.5°	242.8	243.0	243.5	243.7	245.1	246.4	247.6	248.6	249.6	250.4	250.9
140°	243.0	243.1	243.5	243.5	244.8	246.0	247.2	248.0	249.0	249.5	250.1
142.5°	243.4	243.1	243.4	243.1	244.2	245.0	245.9	246.7	247.4	247.8	248.1
145°	244.9	244.5	244.4	244.1	244.8	245.5	246.4	247.0	247.4	247.5	247.9
147.5°	246.9	246.3	245.8	245.4	246.3	246.7	247.2	247.4	248.0	248.1	248.3
150°	248.3	247.5	247.0	246.4	246.9	247.2	247.4	247.8	248.2	248.1	248.3
152.5°	249.1	248.4	247.7	247.0	247.4	247.4	247.6	247.5	247.7	247.7	247.7
155°	251.5	250.8	250.3	249.4	249.7	249.7	249.7	249.7	249.5	249.4	249.2
157.5°	255.2	254.4	254.1	253.4	253.4	253.3	253.2	252.7	252.6	252.3	251.8
160°	259.1	258.5	258.1	257.4	257.2	257.0	256.9	256.5	256.3	255.8	255.3
162.5°	263.2	262.6	261.9	261.3	261.1	261.0	260.7	260.2	260.1	259.6	259.1
165°	267.5	267.1	266.7	266.1	265.9	265.6	265.5	264.9	264.6	263.9	263.5
167.5°	271.8	271.4	271.0	270.3	270.2	270.1	269.9	269.6	269.3	268.8	268.6
170°	275.6	275.2	274.9	274.4	274.1	274.0	273.7	273.4	272.9	272.7	272.2
172.5°	278.3	278.0	277.5	276.9	276.9	276.7	276.4	276.3	275.9	275.6	275.5
175°	279.2	278.9	278.4	278.2	278.0	277.9	277.7	277.6	277.3	277.1	276.8
177.5°	280.5	280.4	279.9	279.8	279.7	279.7	279.5	279.4	279.4	279.3	279.2
180°	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4



TEST NUMBER: P1444546  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL12

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	39684.1	39684.1
2.5°	39837.8	39835.8
5°	39985.9	39983.6
7.5°	40098.5	40097.9
10°	40111.8	40118.7
12.5°	40031.8	40037.4
15°	39798.1	39809.0
17.5°	39351.3	39365.5
20°	38581.5	38596.4
22.5°	37334.9	37341.0
25°	35522.5	35496.7
27.5°	33051.6	33007.4
30°	29910.7	29867.8
32.5°	26165.7	26138.9
35°	21950.1	21933.2
37.5°	17511.8	17477.4
40°	13203.1	13102.9
42.5°	9424.0	9248.0
45°	6512.8	6304.2
47.5°	4546.6	4417.7
50°	3446.2	3404.6
52.5°	2808.1	2798.4
55°	2369.4	2365.1
57.5°	2039.6	2038.1
60°	1780.6	1780.2
62.5°	1587.6	1588.2
65°	1451.5	1451.8
67.5°	1331.8	1330.9
70°	1193.3	1192.3
72.5°	1098.1	1096.4
75°	1024.5	1023.5
77.5°	919.8	918.2
80°	793.1	790.9
82.5°	652.3	649.9
85°	486.6	486.7
87.5°	297.7	297.6
90°	120.5	118.6
92.5°	19.7	19.0
95°	22.2	21.1
97.5°	26.9	25.9
100°	33.5	32.7
102.5°	54.1	51.3
105°	90.9	83.2
107.5°	151.7	137.6
110°	259.2	247.7



TEST NUMBER: P1444546  
CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL12

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	337.5	332.3
115°	354.8	352.9
117.5°	347.1	347.1
120°	328.2	329.7
122.5°	304.9	306.6
125°	284.6	286.1
127.5°	268.5	269.4
130°	259.7	260.5
132.5°	254.2	254.5
135°	252.1	252.4
137.5°	250.9	251.1
140°	250.1	250.2
142.5°	248.2	248.2
145°	248.0	247.9
147.5°	247.8	247.9
150°	248.0	247.9
152.5°	247.3	247.2
155°	248.8	248.4
157.5°	251.1	250.8
160°	254.7	254.3
162.5°	258.5	258.1
165°	262.8	262.2
167.5°	267.8	267.6
170°	271.8	271.5
172.5°	275.0	274.7
175°	276.7	276.5
177.5°	279.2	278.9
180°	280.4	280.4

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-3

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L835-N

Data in this report applies to families of products including EHBR-60-L835-N

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2506-472-3  
 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-L835-N**  
 Description: Elevate Round Highbay at, 60000 lumens, 3500K 80CRI LEDs with N lens

**Spectral Parameters**

CCT (K): 3468  
 CIE u': 0.2375  
 CIE v': 0.5091  
 Duv: -0.0021  
 CIE x: 0.4049  
 CIE y: 0.3856  
 CIE z: 0.2095  
 Peak Wavelength (nm): 630  
 Dominant Wavelength (nm): 581  
 Purity: 37.24544  
 Rf: 80.1  
 Rg: 101

CRI (Ra):	82.1		
R1:	82.9	R9:	27.6
R2:	85.6	R10:	63.8
R3:	85.9	R11:	81.2
R4:	82.8	R12:	57.2
R5:	81.0	R13:	82.6
R6:	79.7	R14:	91.0
R7:	86.5	R15:	79.4
R8:	72.1		



**Test Conditions**

Stabilization Time: 39M  
 Operation Time: 1H 39M  
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2506-472-3

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: SP1-2506-472-3

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-3

**Photopic Flux vs. Wavelength**



**Photopic Lumens: NR**

λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	60	NR	620	327	NR	750	7	NR	880	0	NR
365	0	NR	495	82	NR	625	322	NR	755	6	NR	885	0	NR
370	0	NR	500	114	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	152	NR	635	645	NR	765	4	NR	895	0	NR
380	0	NR	510	189	NR	640	197	NR	770	4	NR	900	0	NR
385	1	NR	515	222	NR	645	189	NR	775	3	NR	905	0	NR
390	2	NR	520	248	NR	650	163	NR	780	3	NR	910	0	NR
395	3	NR	525	268	NR	655	134	NR	785	2	NR	915	0	NR
400	4	NR	530	283	NR	660	113	NR	790	2	NR	920	0	NR
405	6	NR	535	294	NR	665	94	NR	795	2	NR	925	0	NR
410	9	NR	540	305	NR	670	87	NR	800	2	NR	930	0	NR
415	18	NR	545	314	NR	675	70	NR	805	1	NR	935	0	NR
420	34	NR	550	323	NR	680	60	NR	810	1	NR	940	0	NR
425	62	NR	555	335	NR	685	51	NR	815	1	NR	945	0	NR
430	102	NR	560	346	NR	690	44	NR	820	1	NR	950	0	NR
435	159	NR	565	356	NR	695	38	NR	825	1	NR	955	0	NR
440	241	NR	570	364	NR	700	32	NR	830	1	NR	960	0	NR
445	363	NR	575	371	NR	705	28	NR	835	1	NR	965	0	NR
450	389	NR	580	375	NR	710	24	NR	840	1	NR	970	0	NR
455	245	NR	585	375	NR	715	20	NR	845	0	NR	975	0	NR
460	158	NR	590	373	NR	720	17	NR	850	0	NR	980	0	NR
465	120	NR	595	364	NR	725	15	NR	855	0	NR	985	0	NR
470	79	NR	600	357	NR	730	13	NR	860	0	NR	990	0	NR
475	57	NR	605	349	NR	735	11	NR	865	0	NR	995	0	NR
480	51	NR	610	371	NR	740	9	NR	870	0	NR	1000	0	NR
485	51	NR	615	387	NR	745	8	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-3

**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.43**

$\lambda$ (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	60	NR	620	327	NR	750	7	NR	880	0	NR
365	0	NR	495	82	NR	625	322	NR	755	6	NR	885	0	NR
370	0	NR	500	114	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	152	NR	635	645	NR	765	4	NR	895	0	NR
380	0	NR	510	189	NR	640	197	NR	770	4	NR	900	0	NR
385	1	NR	515	222	NR	645	189	NR	775	3	NR	905	0	NR
390	2	NR	520	248	NR	650	163	NR	780	3	NR	910	0	NR
395	3	NR	525	268	NR	655	134	NR	785	2	NR	915	0	NR
400	4	NR	530	283	NR	660	113	NR	790	2	NR	920	0	NR
405	6	NR	535	294	NR	665	94	NR	795	2	NR	925	0	NR
410	9	NR	540	305	NR	670	87	NR	800	2	NR	930	0	NR
415	18	NR	545	314	NR	675	70	NR	805	1	NR	935	0	NR
420	34	NR	550	323	NR	680	60	NR	810	1	NR	940	0	NR
425	62	NR	555	335	NR	685	51	NR	815	1	NR	945	0	NR
430	102	NR	560	346	NR	690	44	NR	820	1	NR	950	0	NR
435	159	NR	565	356	NR	695	38	NR	825	1	NR	955	0	NR
440	241	NR	570	364	NR	700	32	NR	830	1	NR	960	0	NR
445	363	NR	575	371	NR	705	28	NR	835	1	NR	965	0	NR
450	389	NR	580	375	NR	710	24	NR	840	1	NR	970	0	NR
455	245	NR	585	375	NR	715	20	NR	845	0	NR	975	0	NR
460	158	NR	590	373	NR	720	17	NR	850	0	NR	980	0	NR
465	120	NR	595	364	NR	725	15	NR	855	0	NR	985	0	NR
470	79	NR	600	357	NR	730	13	NR	860	0	NR	990	0	NR
475	57	NR	605	349	NR	735	11	NR	865	0	NR	995	0	NR
480	51	NR	610	371	NR	740	9	NR	870	0	NR	1000	0	NR
485	51	NR	615	387	NR	745	8	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-3

**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: NR**

**M/P: 2.75**

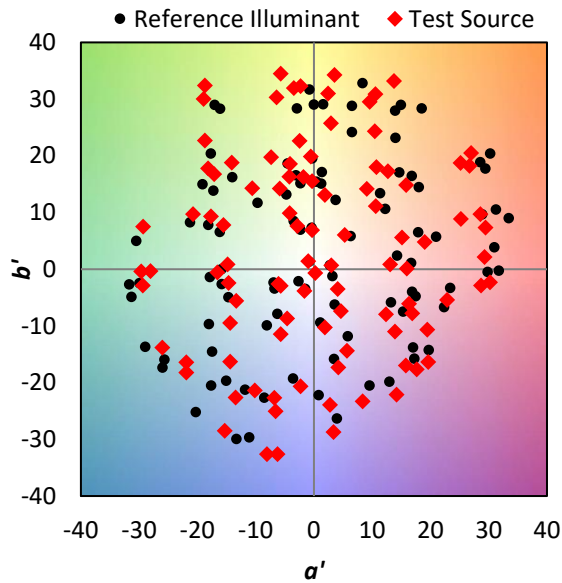
λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	60	NR	620	327	NR	750	7	NR	880	0	NR
365	0	NR	495	82	NR	625	322	NR	755	6	NR	885	0	NR
370	0	NR	500	114	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	152	NR	635	645	NR	765	4	NR	895	0	NR
380	0	NR	510	189	NR	640	197	NR	770	4	NR	900	0	NR
385	1	NR	515	222	NR	645	189	NR	775	3	NR	905	0	NR
390	2	NR	520	248	NR	650	163	NR	780	3	NR	910	0	NR
395	3	NR	525	268	NR	655	134	NR	785	2	NR	915	0	NR
400	4	NR	530	283	NR	660	113	NR	790	2	NR	920	0	NR
405	6	NR	535	294	NR	665	94	NR	795	2	NR	925	0	NR
410	9	NR	540	305	NR	670	87	NR	800	2	NR	930	0	NR
415	18	NR	545	314	NR	675	70	NR	805	1	NR	935	0	NR
420	34	NR	550	323	NR	680	60	NR	810	1	NR	940	0	NR
425	62	NR	555	335	NR	685	51	NR	815	1	NR	945	0	NR
430	102	NR	560	346	NR	690	44	NR	820	1	NR	950	0	NR
435	159	NR	565	356	NR	695	38	NR	825	1	NR	955	0	NR
440	241	NR	570	364	NR	700	32	NR	830	1	NR	960	0	NR
445	363	NR	575	371	NR	705	28	NR	835	1	NR	965	0	NR
450	389	NR	580	375	NR	710	24	NR	840	1	NR	970	0	NR
455	245	NR	585	375	NR	715	20	NR	845	0	NR	975	0	NR
460	158	NR	590	373	NR	720	17	NR	850	0	NR	980	0	NR
465	120	NR	595	364	NR	725	15	NR	855	0	NR	985	0	NR
470	79	NR	600	357	NR	730	13	NR	860	0	NR	990	0	NR
475	57	NR	605	349	NR	735	11	NR	865	0	NR	995	0	NR
480	51	NR	610	371	NR	740	9	NR	870	0	NR	1000	0	NR
485	51	NR	615	387	NR	745	8	NR	875	0	NR			

**Summary**

$R_f = 80.1$   
 $R_g = 101$   
 $CIE R_a = 82.1$   
 $R_9 = 27.6$



**Color Vector Graphics**

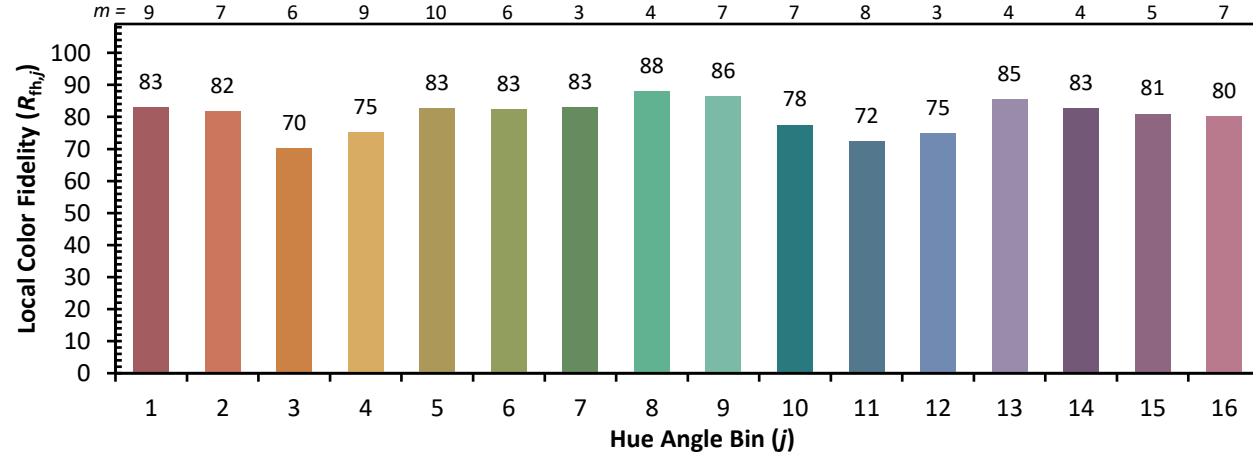


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

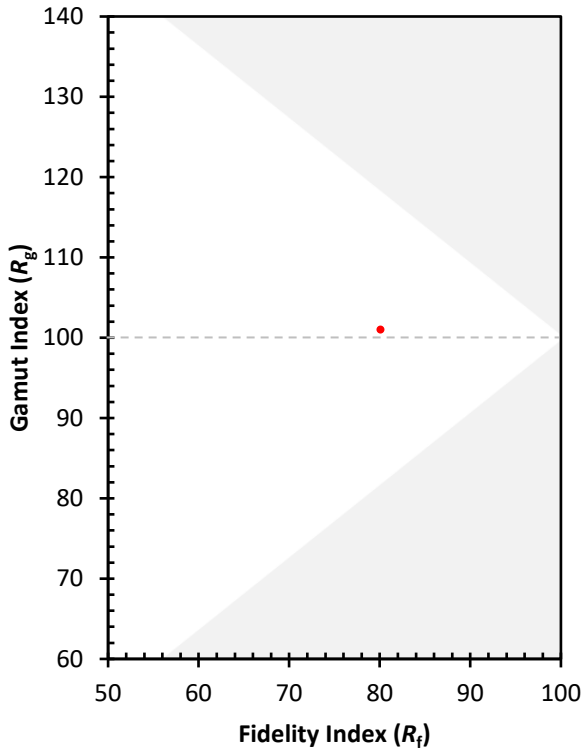
CES01 = 86	CES26 = 68	CES51 = 90	CES76 = 59
CES02 = 62	CES27 = 89	CES52 = 90	CES77 = 78
CES03 = 31	CES28 = 84	CES53 = 81	CES78 = 61
CES04 = 70	CES29 = 66	CES54 = 91	CES79 = 86
CES05 = 49	CES30 = 77	CES55 = 90	CES80 = 82
CES06 = 51	CES31 = 69	CES56 = 80	CES81 = 79
CES07 = 42	CES32 = 62	CES57 = 79	CES82 = 92
CES08 = 41	CES33 = 74	CES58 = 81	CES83 = 89
CES09 = 29	CES34 = 72	CES59 = 92	CES84 = 89
CES10 = 75	CES35 = 85	CES60 = 94	CES85 = 82
CES11 = 58	CES36 = 97	CES61 = 90	CES86 = 78
CES12 = 64	CES37 = 79	CES62 = 92	CES87 = 82
CES13 = 43	CES38 = 85	CES63 = 78	CES88 = 86
CES14 = 74	CES39 = 94	CES64 = 79	CES89 = 76
CES15 = 71	CES40 = 89	CES65 = 76	CES90 = 85
CES16 = 47	CES41 = 89	CES66 = 73	CES91 = 83
CES17 = 49	CES42 = 77	CES67 = 70	CES92 = 73
CES18 = 56	CES43 = 74	CES68 = 76	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 81	CES94 = 65
CES20 = 66	CES45 = 83	CES70 = 68	CES95 = 79
CES21 = 86	CES46 = 82	CES71 = 64	CES96 = 85
CES22 = 78	CES47 = 81	CES72 = 88	CES97 = 85
CES23 = 92	CES48 = 80	CES73 = 60	CES98 = 82
CES24 = 91	CES49 = 80	CES74 = 97	CES99 = 81
CES25 = 72	CES50 = 89	CES75 = 64	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)