

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: P1444563

Luminaire Tested: EHBR1-60-UNV-TA-L835-UPL15

Issue Date: 5/1/2026

**Test Information**

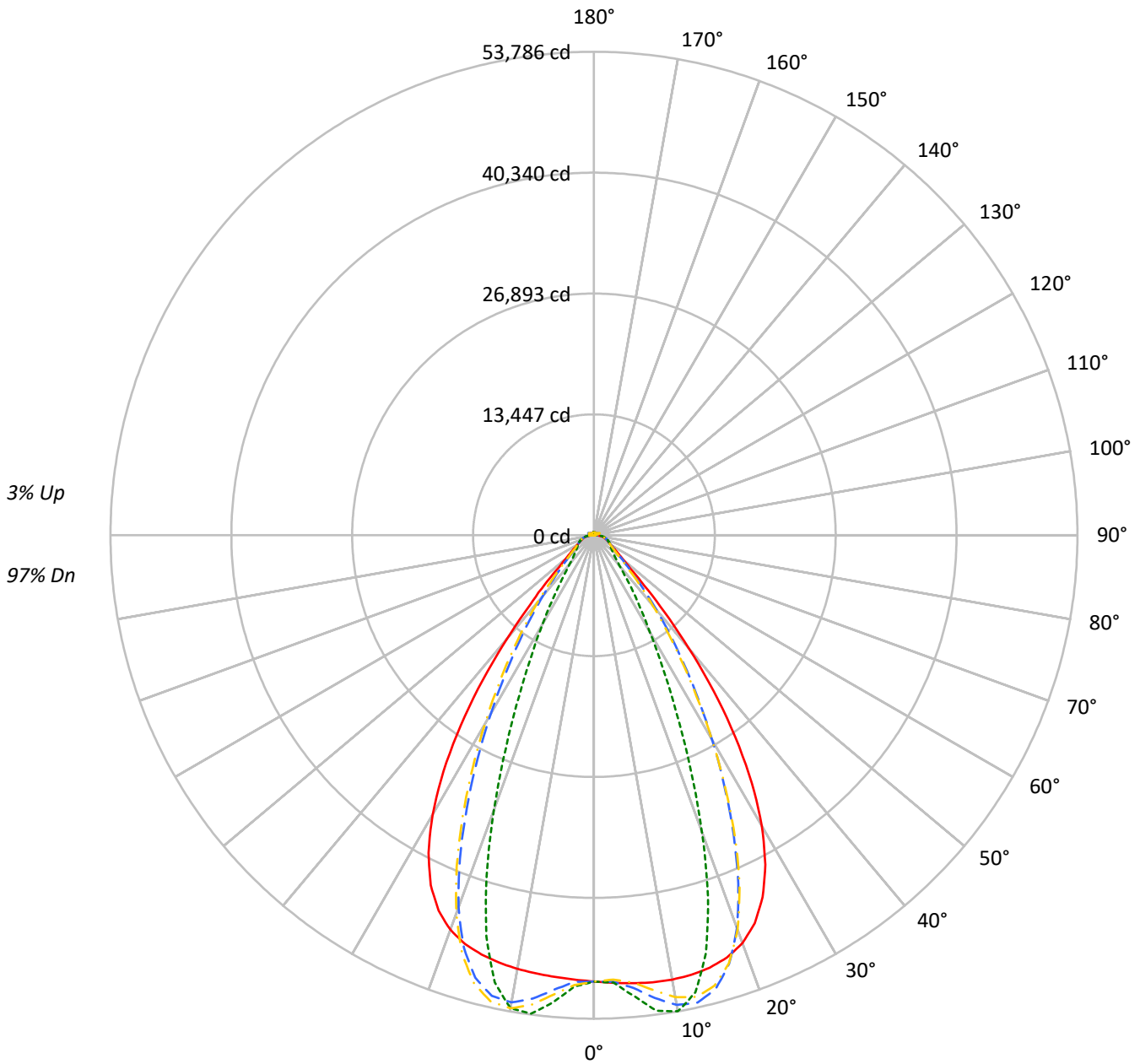
Test Method: LM-79-2019  
Report Number: P1444563  
REPORT IS A COMBINATION OF REPORTS P1444317 AND P1431635  
Test Lab: INNOVATION CENTER  
Issue Date: 5/1/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: EHBR1-60-UNV-TA-L835-UPL15  
Description: Elevate Round Highbay at, 60000 lumens, 3500K 80CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 58923.8 lumens  
Efficiency: N/A  
Efficacy: 173.5 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): 339.7  
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: P1444563  
CATALOG NUMBER: EHBR1-60-UNV-TA-L835-UPL15

### 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	84	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	62	58	66	62	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°	233155	233155	233155	233155
5°	234284	241115	231005	244274
10°	236240	253153	230574	251478
15°	237398	229481	230171	220241
20°	234944	170955	227255	158174
25°	222385	108120	215034	98100
30°	194269	64972	186745	59378
35°	149510	40770	140910	36115
40°	94579	25574	86532	24032
45°	48748	19924	47940	19596
50°	28581	17721	27704	17445
55°	21896	16766	21086	16615
60°	18527	17127	17738	16905
65°	17401	17886	16735	17276
70°	17002	18728	16154	18024
75°	18178	19863	17195	18984
80°	18811	21993	17055	20077
85°	17713	21219	14315	18170

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 25°  
 Vertical Angle: 45°  
 Luminance: 74602 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	4893.0	8.3
10°-20°	13764.5	23.4
20°-30°	15676.7	26.6
30°-40°	11267.7	19.1
40°-50°	5196.6	8.8
50°-60°	2486.8	4.2
60°-70°	1814.5	3.1
70°-80°	1378.5	2.3
80°-90°	629.6	1.1
90°-100°	58.3	0.1
100°-110°	266.2	0.5
110°-120°	490.4	0.8
120°-130°	318.0	0.5
130°-140°	227.8	0.4
140°-150°	187.6	0.3
150°-160°	142.8	0.2
160°-170°	92.1	0.2
170°-180°	32.7	0.1
0°-30°	34334.2	58.3
0°-40°	45601.9	77.4
0°-60°	53285.3	90.4
0°-90°	57107.9	96.9
90°-120°	814.8	1.4
90°-150°	1548.3	2.6
90°-180°	1816.0	3.1
0°-180°	58923.8	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	49649	49649	49649	49649	49649	
5°	50023	51482	49323	52156	50023	4780
15°	49805	48144	48289	46205	49805	14033
25°	44410	21591	42942	19590	44410	20132
35°	27440	7483	25862	6628	27440	16841
45°	7887	3224	7756	3171	7887	6708
55°	2959	2266	2850	2245	2959	2731
65°	1816	1867	1747	1803	1816	1814
75°	1280	1399	1211	1337	1280	1332
85°	609	729	492	624	609	572
90°	148	192	31	42	148	95
95°	26	28	26	28	26	25
105°	103	127	72	127	103	134
115°	435	512	455	512	435	404
125°	353	344	396	346	353	321
135°	312	254	333	259	312	243
145°	307	277	323	284	307	193
155°	308	298	324	304	308	143
165°	326	318	335	322	326	92
175°	344	345	348	346	344	33
180°	349	349	349	349	349	



TEST NUMBER: P1444563  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L835-UPL15

**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7
2.5°	49838.4	49834.4	49833.6	49830.1	49829.2	49829.2	49827.5	49823.5	49820.9	49815.2	49808.8
5°	50023.3	50021.2	50022.4	50022.8	50019.3	50011.6	49999.4	49984.5	49965.8	49948.0	49932.2
7.5°	50166.3	50169.8	50174.3	50173.3	50162.4	50144.2	50119.4	50105.4	50113.7	50140.7	50202.6
10°	50192.4	50213.8	50222.1	50219.4	50197.8	50182.1	50188.2	50240.9	50345.5	50485.2	50676.2
12.5°	50090.7	50116.9	50115.9	50107.3	50086.3	50107.6	50183.8	50340.4	50564.8	50840.3	51163.5
15°	49804.9	49838.8	49829.2	49818.0	49804.0	49874.1	50026.3	50298.3	50644.9	51033.3	51431.0
17.5°	49250.1	49291.0	49271.2	49258.5	49246.6	49378.0	49639.5	50037.7	50474.4	50913.7	51290.6
20°	48287.8	48315.2	48268.0	48245.7	48264.4	48521.8	48907.0	49415.5	49875.8	50291.3	50548.8
22.5°	46717.4	46751.4	46662.5	46652.2	46761.9	47157.3	47644.5	48213.1	48645.6	48974.8	49074.0
25°	44410.0	44443.4	44337.8	44400.9	44587.5	45126.0	45706.4	46314.6	46683.4	46927.5	46860.1
27.5°	41295.4	41326.0	41225.9	41354.7	41649.7	42357.4	43040.4	43700.0	44028.8	44199.8	43983.2
30°	37367.5	37431.0	37312.7	37492.5	37942.7	38861.5	39644.0	40383.7	40711.6	40841.8	40504.6
32.5°	32702.3	32792.7	32662.1	32929.8	33557.9	34661.6	35550.5	36377.0	36739.7	36888.2	36507.5
35°	27440.5	27570.1	27420.5	27822.0	28596.8	29825.8	30810.2	31733.0	32162.4	32372.9	31989.3
37.5°	21865.9	21989.4	21908.5	22444.1	23294.9	24568.8	25573.6	26569.0	27054.2	27370.1	27067.5
40°	16392.9	16505.9	16567.1	17179.7	17980.0	19180.5	20145.7	21130.6	21673.2	22069.8	21883.3
42.5°	11570.2	11684.1	11892.4	12483.4	13150.8	14144.5	14971.3	15855.6	16374.0	16797.0	16725.1
45°	7887.2	8019.4	8280.4	8764.3	9247.0	9959.9	10567.0	11254.8	11678.2	12065.7	12070.3
47.5°	5526.9	5619.8	5853.0	6183.5	6498.1	7390.7	7427.3	7765.3	8050.0	8339.6	8377.1
50°	4259.5	4315.5	4439.1	4623.2	4801.6	5033.2	5245.5	5490.3	5665.5	5824.3	5862.2
52.5°	3501.0	3536.6	3599.5	3699.2	3802.7	3928.7	4042.2	4176.7	4272.0	4357.0	4374.9
55°	2959.0	2988.4	3082.0	3101.0	3219.3	3242.1	3292.5	3374.5	3429.8	3480.8	3493.5
57.5°	2549.9	2571.2	2591.1	2633.7	2670.0	2723.1	2765.7	2824.5	2859.4	2896.3	2899.4
60°	2227.2	2242.6	2256.8	2286.3	2311.1	2347.9	2377.3	2417.3	2442.3	2469.9	2473.0
62.5°	1987.0	1998.1	2007.5	2027.0	2044.6	2073.0	2096.3	2129.7	2153.0	2174.4	2179.1
65°	1816.3	1824.4	1830.4	1845.2	1860.6	1884.7	1905.9	1933.1	1950.3	1966.7	1970.2
67.5°	1665.0	1672.8	1679.0	1692.5	1703.1	1721.2	1735.3	1755.8	1768.7	1781.7	1782.1
70°	1491.8	1498.9	1503.7	1516.2	1524.8	1540.3	1551.7	1570.1	1583.4	1597.9	1601.6
72.5°	1371.7	1376.0	1382.4	1393.8	1405.8	1422.3	1437.7	1456.8	1472.8	1487.9	1494.3
75°	1280.5	1285.4	1289.7	1299.4	1307.7	1321.7	1333.1	1350.6	1364.5	1380.7	1388.7
77.5°	1148.7	1154.4	1158.1	1167.9	1175.1	1188.5	1196.9	1212.6	1224.0	1238.7	1245.9
80°	989.6	994.9	997.4	1006.7	1012.4	1024.7	1033.0	1048.1	1057.7	1072.4	1081.0
82.5°	813.1	818.3	819.7	828.3	831.5	841.6	847.7	863.2	875.0	894.1	907.4
85°	608.8	610.7	613.7	611.4	623.8	624.5	638.5	641.1	659.4	664.3	685.2
87.5°	372.2	377.8	380.5	389.0	392.7	401.1	403.7	412.8	417.7	428.0	432.7
90°	148.2	156.0	158.3	167.6	169.7	177.9	179.4	188.8	191.0	200.7	203.5
92.5°	23.5	24.6	25.6	27.3	28.5	30.8	32.5	34.0	35.4	37.4	39.9
95°	26.1	27.4	28.8	30.1	31.4	32.8	34.1	35.4	36.7	38.1	41.8
97.5°	32.0	33.2	34.3	35.5	36.7	37.8	39.0	40.1	41.3	42.3	46.9
100°	40.5	41.5	42.5	43.4	44.4	45.5	46.4	47.4	48.4	49.4	57.8
102.5°	63.4	66.9	70.4	73.8	77.3	80.6	84.3	87.5	91.0	94.4	112.4
105°	102.7	111.9	121.6	130.8	140.2	149.7	159.1	168.1	177.6	186.8	216.6
107.5°	169.7	186.9	204.4	221.8	239.3	256.6	274.0	291.3	308.5	325.6	355.8
110°	305.2	318.9	333.0	346.8	360.7	374.9	388.7	402.2	416.3	430.0	451.9



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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°	409.4	415.4	421.6	427.8	434.0	440.0	446.2	452.2	458.4	464.3	479.8
115°	435.0	436.9	439.0	440.8	442.9	444.7	446.6	448.3	450.3	451.8	462.2
117.5°	427.9	427.1	426.4	425.9	424.8	424.0	423.1	422.2	421.2	420.1	425.7
120°	406.4	403.9	401.7	399.0	396.8	394.0	391.6	389.0	386.2	383.4	385.5
122.5°	378.2	375.3	372.8	369.6	366.7	363.5	360.6	357.0	354.2	350.9	351.1
125°	353.2	350.1	347.7	344.4	341.2	337.9	334.7	331.3	328.0	324.4	324.1
127.5°	332.6	330.3	328.3	325.5	323.0	320.4	317.6	314.6	312.2	308.9	308.3
130°	322.0	320.0	317.8	315.2	312.9	310.3	307.6	304.6	302.0	298.9	298.1
132.5°	314.6	313.2	311.4	309.3	307.3	304.7	302.5	299.7	297.4	295.0	294.0
135°	312.2	310.5	308.9	307.0	304.9	302.4	300.0	297.5	295.1	292.4	291.7
137.5°	310.9	309.4	307.8	305.7	303.8	301.2	299.0	296.4	294.1	291.5	290.6
140°	309.9	308.4	306.8	304.8	303.0	300.8	298.4	296.0	293.7	291.1	290.5
142.5°	307.6	306.0	304.8	303.0	301.3	299.1	297.1	294.7	292.7	290.3	289.9
145°	307.4	306.1	304.9	303.5	301.6	299.5	297.8	295.5	293.8	291.7	291.2
147.5°	307.4	306.3	305.3	303.9	302.5	300.7	298.9	296.9	295.2	293.4	293.2
150°	307.5	306.5	305.6	304.4	302.8	301.3	299.6	298.0	296.2	294.4	294.2
152.5°	306.6	305.5	304.8	303.5	302.1	300.4	299.3	297.5	296.0	294.3	294.0
155°	308.3	307.3	306.1	305.0	303.7	302.3	300.9	299.4	298.1	296.4	296.1
157.5°	311.3	310.1	309.3	308.0	307.1	305.8	304.6	303.2	302.0	300.8	300.3
160°	315.8	314.7	313.8	312.6	311.3	310.0	308.9	307.6	306.8	305.3	305.0
162.5°	320.6	319.4	318.3	317.2	316.1	314.8	313.8	312.8	311.7	310.4	310.1
165°	325.7	325.0	324.0	323.2	322.2	321.3	320.4	319.3	318.3	317.3	317.0
167.5°	332.5	331.5	330.8	329.9	328.8	328.1	327.1	326.1	325.4	324.2	324.0
170°	337.2	336.4	335.8	335.2	334.5	333.7	333.3	332.5	331.7	331.0	330.8
172.5°	341.3	340.6	340.2	339.9	339.1	338.8	338.2	337.6	337.2	336.6	336.7
175°	343.6	343.1	343.0	342.6	342.2	341.8	341.6	341.3	341.3	340.7	340.6
177.5°	346.4	346.3	346.3	346.1	346.1	346.0	345.8	345.4	345.2	345.2	345.2
180°	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6



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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7
2.5°	49804.0	49798.0	49789.6	49779.1	49770.1	49759.7	49734.8	49727.5	49735.7	49741.2	49752.7
5°	49922.4	49925.8	49927.1	49949.7	49969.3	50018.0	50400.0	50551.8	50669.2	50743.7	50856.9
7.5°	50279.1	50393.9	50507.4	50660.1	50791.9	50969.8	51638.2	51922.6	52124.8	52270.2	52449.1
10°	50883.7	51134.4	51369.3	51644.6	51881.2	52152.3	52774.4	53051.5	53226.5	53353.8	53472.7
12.5°	51492.8	51840.4	52154.5	52460.8	52717.0	52951.9	53170.8	53267.7	53276.0	53280.1	53216.9
15°	51810.0	52142.3	52419.0	52621.7	52772.2	52838.8	52462.1	52264.5	52014.8	51809.1	51470.7
17.5°	51609.8	51809.1	51928.7	51917.0	51854.7	51646.4	50579.6	49992.7	49410.2	48885.2	48196.9
20°	50719.8	50704.5	50600.6	50305.9	49951.1	49399.0	47570.1	46514.7	45494.5	44598.4	43511.2
22.5°	49063.9	48803.4	48440.2	47805.0	47099.3	46134.9	43513.8	41961.6	40541.3	39286.5	37880.9
25°	46664.7	46128.7	45458.7	44450.4	43353.8	41947.2	38716.6	36785.9	35080.6	33601.5	31979.7
27.5°	43594.2	42786.8	41805.0	40409.3	38923.7	37121.7	33540.0	31409.3	29578.7	27992.9	26266.7
30°	39959.0	38908.9	37641.1	35908.9	34117.0	32073.2	28440.6	26282.4	24429.5	22798.1	21070.6
32.5°	35850.9	34621.1	33135.4	31191.2	29253.3	27152.0	23643.8	21554.8	19784.7	18215.3	16651.8
35°	31320.1	30001.1	28429.4	26446.4	24520.0	22477.1	19258.0	17374.4	15811.3	14424.1	13161.6
37.5°	26459.8	25164.7	23670.9	21801.9	20015.6	18164.3	15386.8	13808.4	12496.7	11345.3	10370.5
40°	21406.5	20273.2	18980.6	17364.8	15840.4	14298.6	12018.6	10765.7	9730.5	8852.4	8121.9
42.5°	16415.0	15536.7	14545.6	13268.7	12102.1	10928.2	9173.4	8245.1	7478.3	6846.2	6329.8
45°	11909.7	11322.2	10657.3	9769.7	8962.5	8143.6	6894.7	6242.3	5743.0	5335.3	4990.7
47.5°	8325.5	7984.6	7963.9	7143.6	6551.6	6051.0	5246.3	4834.3	4528.3	4281.4	4063.2
50°	5846.7	5681.9	5477.1	5184.3	4909.6	4626.6	4136.4	3887.3	3708.0	3558.4	3420.4
52.5°	4370.9	4285.2	4176.2	4020.8	3872.0	3712.9	3402.6	3244.0	3187.7	3048.4	2939.1
55°	3491.1	3442.0	3380.0	3288.7	3198.2	3161.9	2896.1	2778.3	2703.8	2648.7	2590.0
57.5°	2899.9	2863.3	2826.4	2764.7	2712.2	2648.7	2507.6	2447.2	2402.9	2370.5	2329.9
60°	2473.6	2451.7	2431.0	2394.8	2366.5	2332.2	2242.6	2208.6	2185.4	2165.9	2140.0
62.5°	2183.2	2171.9	2161.3	2142.0	2127.6	2109.0	2047.7	2031.5	2019.8	2010.0	1994.2
65°	1973.7	1965.5	1959.6	1946.8	1939.6	1928.8	1876.1	1865.1	1857.9	1854.4	1845.2
67.5°	1783.2	1774.7	1770.8	1761.7	1758.7	1751.9	1708.9	1702.8	1700.4	1701.5	1698.2
70°	1605.1	1601.6	1603.4	1601.9	1606.0	1607.2	1581.2	1581.0	1583.7	1589.2	1589.8
72.5°	1498.4	1498.4	1500.4	1501.3	1505.1	1507.0	1485.3	1484.2	1485.5	1489.5	1489.7
75°	1396.7	1398.4	1403.9	1405.8	1410.4	1411.3	1382.6	1379.3	1379.5	1383.4	1382.1
77.5°	1256.2	1262.3	1272.7	1278.3	1287.1	1288.7	1256.5	1252.7	1252.8	1256.7	1253.4
80°	1096.6	1108.3	1125.0	1136.6	1150.2	1155.7	1122.6	1114.7	1107.3	1106.2	1099.6
82.5°	927.2	941.4	961.4	971.9	986.5	989.8	934.3	923.9	917.6	918.1	912.1
85°	707.8	718.5	736.7	742.6	751.6	750.9	687.7	660.6	667.8	656.5	665.4
87.5°	444.0	450.3	461.6	463.1	467.4	466.5	402.8	390.3	386.6	386.8	382.2
90°	213.3	217.0	226.4	226.1	232.3	230.8	178.8	172.4	168.3	171.2	165.2
92.5°	43.1	45.3	48.2	50.7	53.5	56.1	52.9	53.8	51.9	49.1	47.2
95°	45.8	49.6	53.6	57.5	61.5	65.4	69.3	73.2	69.5	65.7	62.1
97.5°	51.6	56.1	60.6	65.3	69.9	74.5	79.1	83.8	79.9	75.5	71.7
100°	66.4	75.0	83.5	92.2	100.6	109.3	117.9	126.5	119.0	111.0	103.5
102.5°	130.5	148.9	167.1	185.2	203.4	221.8	240.3	258.6	241.1	223.4	205.9
105°	246.2	275.7	305.2	334.5	364.1	393.6	423.7	453.3	425.3	397.4	369.3
107.5°	385.7	415.7	445.3	475.1	505.2	535.0	565.8	595.7	568.4	540.8	513.4
110°	473.7	495.1	516.8	538.4	560.0	581.6	604.5	626.2	609.6	592.9	576.2



TEST NUMBER: P1444563  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L835-UPL15

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	494.9	510.3	525.7	540.8	555.9	571.2	588.2	603.8	595.1	586.1	577.7
115°	472.1	482.6	492.4	502.5	512.4	522.4	534.5	545.0	541.7	538.3	535.2
117.5°	431.0	436.2	441.7	446.8	451.9	457.2	465.2	470.8	470.3	470.2	469.9
120°	387.3	389.0	390.8	392.6	394.1	395.7	400.6	402.9	404.3	405.5	406.9
122.5°	351.2	351.4	351.4	351.4	351.4	351.4	355.0	355.9	356.3	356.8	357.5
125°	323.7	323.2	322.7	322.2	321.3	320.8	324.6	324.6	323.9	322.8	321.9
127.5°	307.2	306.4	305.4	304.6	303.2	302.3	305.7	305.6	303.6	301.6	299.4
130°	297.3	296.4	295.4	294.5	293.7	292.8	296.6	296.9	294.1	291.0	288.3
132.5°	293.1	292.3	291.2	290.7	289.7	288.8	293.0	293.3	290.5	287.2	284.1
135°	290.6	290.0	289.1	288.3	287.4	287.0	291.6	292.0	289.2	286.0	283.1
137.5°	289.5	288.8	288.0	287.5	286.6	286.0	291.4	292.0	289.6	286.7	284.4
140°	289.7	289.0	288.4	288.0	287.2	287.1	292.7	293.6	291.8	289.3	287.1
142.5°	289.1	288.9	288.6	288.5	288.1	288.1	294.7	295.9	294.3	292.2	290.7
145°	290.7	290.8	290.4	290.4	290.3	290.5	298.0	299.7	298.4	297.0	295.5
147.5°	292.4	292.3	292.1	292.1	292.0	292.6	300.7	302.4	301.6	300.4	299.4
150°	293.8	293.8	293.5	293.7	294.0	294.4	303.7	306.0	305.2	304.4	303.4
152.5°	293.7	293.5	293.4	293.6	293.6	294.0	305.6	308.4	307.9	306.8	306.2
155°	295.7	295.5	295.2	295.2	295.1	295.6	308.5	311.5	311.0	310.4	309.7
157.5°	299.8	299.3	298.9	298.7	298.6	298.5	312.5	316.0	315.2	314.7	314.2
160°	304.4	304.1	303.5	303.3	302.8	302.7	317.2	320.6	320.2	319.4	318.8
162.5°	309.6	309.7	309.1	308.9	308.5	308.6	323.1	326.8	326.0	325.3	324.6
165°	316.5	316.0	315.6	315.4	315.0	314.9	328.6	331.8	331.4	330.7	330.2
167.5°	323.5	323.4	322.8	322.8	322.4	322.5	335.2	338.3	337.9	337.2	336.8
170°	330.4	330.4	330.1	330.0	330.1	330.3	340.8	343.4	343.1	342.3	341.8
172.5°	336.5	336.7	336.7	336.7	336.7	336.8	345.8	348.2	347.9	347.4	346.8
175°	340.7	340.6	340.7	341.0	341.1	341.1	348.2	349.9	349.7	349.5	349.1
177.5°	345.4	345.4	345.6	345.7	345.9	346.1	350.3	351.4	351.2	351.2	351.1
180°	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6



TEST NUMBER: P1444563  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L835-UPL15

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7
2.5°	49755.3	49772.7	49775.3	49795.7	49794.1	49818.3	49814.5	49834.4	49822.8	49839.2	49825.4
5°	50923.9	51029.9	51085.2	51188.7	51221.4	51314.0	51340.0	51424.5	51428.0	51495.0	51479.8
7.5°	52576.0	52732.2	52825.0	52952.9	53017.7	53124.1	53171.1	53249.9	53275.2	53337.8	53342.6
10°	53562.7	53638.4	53691.5	53727.1	53759.7	53775.0	53792.9	53788.0	53792.9	53785.8	53801.1
12.5°	53174.6	53063.8	52990.6	52851.9	52771.5	52618.2	52542.9	52395.6	52341.9	52215.4	52197.2
15°	51209.2	50823.2	50550.5	50153.8	49904.5	49514.2	49285.9	48933.8	48773.1	48493.1	48419.7
17.5°	47627.1	46910.5	46356.0	45644.6	45150.9	44486.1	44068.1	43517.7	43216.3	42772.5	42618.8
20°	42605.0	41544.8	40712.9	39722.0	39012.9	38129.3	37563.7	36850.3	36436.1	35891.1	35670.1
22.5°	36709.0	35388.9	34350.1	33179.4	32323.8	31339.2	30661.5	29889.6	29439.0	28846.9	28584.7
25°	30631.9	29176.3	28021.2	26787.9	25883.8	24896.8	24219.0	23460.7	22994.4	22432.3	22171.7
27.5°	24819.8	23346.2	22230.1	21083.3	20254.1	19363.5	18751.9	18089.8	17676.0	17196.1	16951.0
30°	19690.7	18391.0	17441.2	16489.6	15799.7	15076.3	14568.2	14019.4	13656.4	13245.5	13012.0
32.5°	15511.9	14508.5	13764.8	13009.7	12445.1	11840.6	11401.5	10917.3	10589.6	10222.7	10011.3
35°	12285.2	11505.6	10912.4	10290.8	9805.8	9290.9	8903.9	8486.1	8192.0	7876.1	7693.5
37.5°	9706.6	9086.7	8598.5	8082.2	7683.9	7257.3	7113.6	6634.0	6329.4	6077.3	5902.7
40°	7617.7	7124.9	6720.9	6326.1	6001.1	5677.6	5418.0	5161.9	4965.1	4784.9	4660.1
42.5°	5948.8	5591.7	5296.7	5007.5	4770.5	4534.8	4346.7	4170.2	4037.8	3919.9	3839.4
45°	4729.1	4483.4	4278.4	4074.7	3907.5	3750.2	3623.6	3511.0	3425.4	3354.6	3304.4
47.5°	3885.1	3716.8	3572.3	3434.8	3321.2	3218.3	3133.4	3105.8	3013.8	2951.8	2928.3
50°	3301.8	3200.2	3090.4	2989.0	2913.1	2837.7	2782.7	2728.8	2694.4	2665.9	2657.2
52.5°	2866.4	2788.7	2727.6	2663.4	2613.4	2559.7	2521.8	2485.9	2466.9	2452.1	2450.2
55°	2542.7	2488.4	2448.0	2404.9	2375.0	2343.5	2323.8	2304.8	2296.5	2289.0	2289.6
57.5°	2297.8	2261.6	2235.3	2207.3	2191.1	2176.0	2171.1	2166.3	2168.8	2169.9	2174.2
60°	2119.4	2095.8	2079.3	2063.3	2056.5	2051.6	2055.3	2059.6	2068.2	2075.2	2081.5
62.5°	1982.7	1969.2	1961.2	1952.4	1951.7	1952.1	1959.5	1966.7	1977.4	1985.6	1991.7
65°	1841.9	1834.1	1831.6	1826.1	1828.8	1830.4	1839.3	1844.8	1855.7	1862.2	1869.8
67.5°	1699.6	1697.8	1699.5	1699.5	1704.4	1708.7	1717.1	1723.4	1732.6	1738.4	1744.7
70°	1594.5	1595.3	1599.2	1599.9	1605.2	1608.2	1615.6	1619.6	1627.9	1632.8	1640.4
72.5°	1492.4	1490.8	1491.8	1489.3	1491.2	1490.4	1494.5	1496.5	1503.5	1507.4	1516.6
75°	1383.7	1379.1	1378.0	1373.1	1373.2	1369.7	1371.3	1371.2	1375.8	1377.6	1384.2
77.5°	1252.4	1244.6	1240.9	1232.7	1232.5	1229.3	1232.7	1234.7	1242.8	1246.6	1254.2
80°	1095.2	1083.1	1077.5	1067.9	1069.6	1069.1	1077.2	1083.3	1093.1	1095.0	1104.6
82.5°	910.3	898.0	892.1	882.6	884.9	885.1	892.4	893.7	902.3	906.0	917.1
85°	651.8	656.5	643.4	644.4	641.6	646.7	651.8	658.0	665.2	677.2	686.3
87.5°	383.9	382.2	386.8	387.4	394.0	397.4	408.1	414.2	426.1	435.6	452.4
90°	165.9	160.2	164.2	162.4	169.2	167.6	173.8	171.0	178.4	179.4	188.8
92.5°	44.0	42.1	39.1	36.9	34.1	32.3	30.4	29.8	28.1	27.6	25.9
95°	58.4	54.8	51.1	47.4	43.8	40.1	38.8	37.4	36.2	34.8	33.5
97.5°	67.7	63.8	59.8	55.8	51.8	47.9	47.0	46.2	45.2	44.3	43.4
100°	95.8	88.1	80.6	72.8	65.3	57.7	57.0	56.2	55.6	54.9	54.1
102.5°	188.5	170.8	153.5	135.9	118.6	101.0	98.0	95.0	91.9	88.9	85.9
105°	341.2	313.2	285.3	257.2	229.5	201.6	193.3	184.6	176.4	168.0	159.8
107.5°	486.0	458.5	431.4	404.0	376.8	349.5	336.3	323.2	309.7	296.6	283.5
110°	559.3	542.7	526.4	509.5	493.1	476.8	463.9	451.5	438.6	426.1	413.5



TEST NUMBER: P1444563  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L835-UPL15

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	569.0	560.4	551.6	543.3	534.9	526.3	520.1	513.8	507.7	501.4	495.0
115°	531.8	528.8	525.6	522.6	519.7	516.5	515.7	515.3	514.4	513.8	513.3
117.5°	469.5	469.4	468.9	468.9	468.9	468.8	471.7	474.3	477.3	480.5	483.7
120°	408.1	409.5	410.7	412.2	413.6	415.3	418.9	422.9	426.6	431.0	435.2
122.5°	357.9	358.4	358.8	359.6	360.2	360.9	364.4	368.2	371.8	375.8	379.9
125°	320.6	319.5	318.5	317.4	316.3	315.6	318.1	320.9	323.8	327.1	330.0
127.5°	297.3	294.9	292.6	290.6	288.3	286.4	287.4	288.7	289.7	291.3	292.7
130°	285.2	282.4	279.1	276.3	273.0	270.3	270.0	269.9	269.7	269.8	269.8
132.5°	280.7	277.6	274.2	270.8	267.5	264.3	263.1	261.9	260.6	260.0	259.1
135°	279.8	277.0	273.5	270.4	267.0	264.1	262.4	260.6	259.1	257.6	256.4
137.5°	281.7	279.0	276.2	273.6	270.6	268.0	265.7	264.1	262.1	260.9	259.2
140°	284.7	282.5	279.9	277.7	275.2	273.0	271.0	269.6	267.8	266.5	265.0
142.5°	288.5	286.6	284.6	282.8	280.8	279.0	277.1	275.7	274.0	272.8	271.3
145°	294.0	292.7	291.1	289.5	288.1	286.6	284.9	283.7	282.4	281.1	280.1
147.5°	298.3	297.1	295.9	294.7	293.3	292.1	290.8	290.1	288.7	287.9	286.8
150°	302.1	301.3	300.0	299.2	297.8	296.8	295.8	295.0	294.0	293.5	292.4
152.5°	304.9	304.3	303.2	302.3	301.2	300.2	299.3	298.6	297.9	297.2	296.1
155°	308.7	308.0	307.1	306.3	305.2	304.7	303.8	302.8	302.1	301.4	300.5
157.5°	313.4	312.7	311.7	311.2	310.1	309.4	308.6	307.9	307.0	306.4	305.5
160°	318.1	317.6	316.7	315.9	315.2	314.4	313.4	312.8	311.7	311.2	310.2
162.5°	323.9	323.1	322.4	321.6	320.6	320.0	319.0	318.2	317.6	316.8	315.9
165°	329.4	328.7	327.9	327.2	326.7	325.9	324.9	324.2	323.3	322.6	321.6
167.5°	336.1	335.6	334.8	334.2	333.4	332.6	331.9	331.1	330.3	329.5	328.5
170°	341.4	340.6	340.1	339.4	338.7	337.8	337.2	336.4	335.5	335.1	334.1
172.5°	346.3	346.2	345.5	345.0	344.2	343.7	343.2	342.7	342.0	341.3	340.9
175°	348.9	348.7	348.5	347.9	347.7	347.4	347.0	346.8	346.4	346.3	345.8
177.5°	351.1	350.9	350.9	350.5	350.3	350.3	350.0	349.9	349.6	349.4	349.3
180°	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6



TEST NUMBER: P1444563  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L835-UPL15

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7
2.5°	49839.7	49827.0	49833.1	49809.7	49815.2	49787.1	49784.5	49752.7	49749.6	49719.5	49708.4
5°	51527.2	51499.4	51530.7	51481.9	51491.5	51428.0	51422.6	51340.6	51312.3	51209.6	51165.3
7.5°	53381.8	53371.3	53390.4	53349.6	53348.3	53291.6	53268.2	53194.6	53149.1	53041.2	52972.4
10°	53788.0	53797.6	53782.0	53785.8	53763.8	53757.7	53735.1	53720.7	53683.7	53655.8	53614.6
12.5°	52100.9	52111.1	52046.7	52087.5	52055.3	52130.6	52124.5	52213.2	52226.8	52339.0	52381.5
15°	48201.7	48189.5	48066.1	48143.9	48102.2	48267.4	48304.3	48526.7	48645.6	48930.9	49106.2
17.5°	42311.3	42279.5	42105.7	42200.4	42152.2	42395.8	42477.5	42833.0	43054.7	43514.5	43842.3
20°	35289.8	35228.8	35025.4	35136.3	35086.6	35363.4	35480.1	35909.7	36195.6	36804.7	37238.0
22.5°	28180.9	28084.8	27885.4	27989.1	27942.1	28228.7	28380.6	28811.7	29139.2	29764.5	30270.3
25°	21797.3	21711.5	21518.9	21591.4	21574.0	21816.5	21951.5	22359.2	22681.1	23276.7	23759.5
27.5°	16625.3	16536.1	16362.1	16413.3	16395.7	16602.3	16729.6	17070.3	17347.2	17848.6	18272.5
30°	12724.2	12616.6	12469.0	12497.3	12485.2	12652.7	12771.5	13058.4	13295.7	13719.5	14084.8
32.5°	9753.1	9644.9	9509.4	9522.5	9504.7	9636.1	9734.0	9983.5	10190.3	10550.6	10868.6
35°	7462.5	7588.9	7299.3	7482.8	7291.7	7572.2	7471.3	7627.1	7805.1	8108.6	8373.8
37.5°	5736.9	5648.7	5574.2	5566.3	5565.9	5630.9	5707.7	5857.8	6014.6	6240.7	6474.3
40°	4546.2	4484.4	4436.1	4432.6	4436.1	4482.4	4539.0	4642.8	4757.6	4920.0	5091.8
42.5°	3770.7	3729.5	3700.5	3698.5	3707.6	3740.4	3779.8	3841.4	3916.2	4021.4	4139.2
45°	3263.5	3240.7	3224.5	3223.6	3227.8	3244.9	3267.5	3306.0	3353.3	3419.0	3493.5
47.5°	2907.6	2902.1	2892.0	2892.4	2887.7	2894.7	2897.3	2918.8	2944.1	2993.6	3090.9
50°	2648.5	2648.5	2641.5	2641.1	2634.6	2634.2	2628.6	2637.2	2648.9	2679.6	2710.8
52.5°	2443.7	2443.1	2435.5	2434.0	2427.1	2426.7	2421.8	2425.2	2426.9	2442.3	2460.9
55°	2283.6	2278.9	2268.9	2265.8	2263.1	2267.1	2265.2	2265.4	2263.5	2269.9	2275.4
57.5°	2168.8	2162.6	2153.2	2150.4	2149.7	2154.5	2154.7	2153.0	2144.4	2138.5	2130.3
60°	2078.0	2071.7	2061.6	2059.0	2060.4	2067.1	2066.7	2061.2	2048.3	2037.1	2024.1
62.5°	1988.7	1986.2	1981.0	1980.3	1979.0	1980.1	1975.5	1969.6	1956.9	1945.0	1930.7
65°	1868.9	1870.2	1866.3	1866.9	1862.3	1861.6	1854.6	1848.9	1836.0	1825.1	1810.6
67.5°	1744.5	1745.5	1742.3	1742.3	1740.0	1740.3	1736.1	1730.8	1719.9	1711.1	1699.8
70°	1642.1	1644.7	1642.8	1643.3	1640.4	1639.3	1632.6	1627.5	1616.3	1608.9	1598.8
72.5°	1519.3	1524.8	1524.6	1526.0	1521.5	1519.3	1511.4	1504.9	1494.9	1488.9	1480.9
75°	1386.8	1394.0	1396.1	1399.2	1393.0	1389.6	1380.9	1375.8	1367.6	1364.1	1358.7
77.5°	1257.5	1265.4	1272.9	1279.9	1269.8	1260.8	1249.9	1241.7	1229.9	1225.3	1217.0
80°	1112.3	1126.3	1143.0	1157.0	1138.8	1120.4	1102.6	1089.3	1073.7	1067.3	1056.9
82.5°	922.8	937.1	946.7	955.8	943.1	929.6	912.3	900.7	883.8	877.5	865.6
85°	701.0	718.9	724.6	729.3	721.3	714.1	697.9	676.0	665.4	648.6	639.9
87.5°	461.2	471.8	473.9	475.5	470.5	467.0	456.5	446.2	428.0	414.7	398.5
90°	187.9	194.5	189.9	192.2	186.4	187.5	177.4	174.5	160.2	155.0	142.2
92.5°	25.1	23.4	22.4	21.0	23.1	23.6	25.4	25.9	27.4	28.1	29.8
95°	32.1	30.8	29.5	28.1	29.2	30.3	31.3	32.4	33.5	34.5	35.6
97.5°	42.6	41.6	40.7	39.9	40.4	41.1	41.7	42.4	43.0	43.6	44.4
100°	53.4	52.7	52.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
102.5°	82.9	79.8	76.8	73.8	75.8	77.9	79.9	81.9	84.1	86.1	88.3
105°	151.5	143.2	134.9	126.6	134.7	142.6	150.7	158.7	166.7	175.1	183.2
107.5°	270.2	257.1	244.1	231.0	245.8	260.3	275.0	289.5	304.2	318.7	333.7
110°	401.1	388.6	376.2	363.7	379.2	394.7	410.2	425.8	441.3	456.8	472.7



TEST NUMBER: P1444563  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L835-UPL15

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	488.9	482.9	476.8	470.8	480.7	490.7	500.7	511.1	521.0	531.2	541.1
115°	512.7	512.3	512.1	511.7	516.4	521.2	525.8	530.8	535.7	540.5	545.4
117.5°	486.7	489.9	493.3	496.7	498.3	499.7	501.5	502.9	504.9	506.4	508.4
120°	439.5	443.5	448.1	452.6	452.0	451.4	450.9	450.3	450.2	449.8	450.0
122.5°	384.1	388.3	392.9	397.3	395.9	394.5	393.5	392.3	391.4	390.5	389.8
125°	333.6	336.8	340.6	344.2	342.9	341.5	340.4	339.6	338.6	337.6	337.2
127.5°	294.8	296.8	298.6	300.9	300.3	299.6	299.6	299.1	299.0	299.1	299.4
130°	270.3	270.9	271.9	272.6	272.8	272.9	273.5	274.1	275.1	275.8	277.0
132.5°	259.0	258.4	258.3	258.2	258.9	259.7	260.8	262.0	263.6	264.9	267.0
135°	255.6	254.7	254.0	253.7	254.7	255.6	256.9	258.4	260.4	262.4	264.6
137.5°	258.1	256.9	256.4	255.3	256.4	257.4	258.9	260.3	262.2	264.2	266.5
140°	263.9	262.9	262.4	261.4	262.5	263.3	264.8	266.3	268.0	270.0	272.2
142.5°	270.4	269.1	268.6	268.0	268.6	269.6	271.1	272.3	274.0	275.6	277.6
145°	279.1	278.1	277.6	276.9	277.4	278.2	279.1	280.1	281.5	282.5	284.3
147.5°	286.0	285.4	285.0	284.4	285.0	285.3	286.0	286.5	287.7	288.6	289.8
150°	292.1	291.3	290.9	290.6	290.8	290.9	291.5	291.7	292.3	292.9	294.0
152.5°	295.8	295.1	295.0	294.5	294.5	294.6	295.0	295.2	295.6	296.0	297.0
155°	300.1	299.5	299.0	298.4	298.3	298.1	298.3	298.1	298.4	298.4	298.7
157.5°	305.1	304.4	304.1	303.3	303.0	302.5	302.5	302.2	302.2	301.7	301.8
160°	309.7	308.7	308.0	307.4	307.3	306.7	306.6	306.1	306.1	305.9	305.8
162.5°	315.3	314.6	314.1	313.3	312.9	312.2	311.8	311.1	310.8	310.4	310.2
165°	320.8	319.9	319.3	318.2	317.9	317.6	317.1	316.6	316.3	315.9	315.8
167.5°	328.0	327.1	326.4	325.6	325.1	324.2	324.0	323.4	323.0	322.5	322.4
170°	333.6	332.9	332.4	331.7	331.4	330.8	330.6	330.1	329.9	329.7	329.7
172.5°	340.5	339.9	339.4	338.9	338.6	338.2	338.0	337.8	337.4	337.4	337.2
175°	345.6	345.2	345.0	344.6	344.3	344.2	343.9	343.8	343.7	343.4	343.3
177.5°	348.9	348.6	348.5	348.4	348.2	348.2	348.2	348.2	348.2	348.0	347.8
180°	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6



TEST NUMBER: P1444563  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L835-UPL15

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7
2.5°	49676.2	49663.1	49628.7	49611.7	49579.9	49563.9	49539.1	49523.1	49503.0	49488.1	49480.3
5°	51052.4	50989.0	50861.6	50783.3	50645.8	50555.3	50418.8	50318.6	50177.8	50073.7	49940.6
7.5°	52843.2	52745.7	52582.6	52459.0	52266.7	52119.7	51903.9	51731.3	51492.8	51294.9	51051.2
10°	53572.2	53515.4	53442.2	53362.7	53256.1	53151.6	53004.2	52854.1	52653.9	52454.8	52194.6
12.5°	52494.7	52548.3	52653.9	52703.1	52784.0	52811.3	52848.4	52831.0	52798.3	52717.0	52599.0
15°	49443.0	49666.6	50019.8	50264.2	50606.6	50847.1	51165.3	51370.1	51606.0	51746.9	51880.9
17.5°	44423.0	44855.4	45478.8	45976.2	46643.9	47186.8	47851.9	48374.5	48977.8	49440.7	49933.5
20°	37993.1	38598.7	39459.3	40190.2	41157.7	41978.2	43029.1	43909.6	44936.8	45792.9	46717.0
22.5°	31072.9	31785.2	32771.3	33652.9	34808.2	35840.2	37157.0	38321.2	39709.7	40953.6	42329.5
25°	24544.5	25242.6	26247.0	27159.9	28407.1	29543.8	30982.6	32318.1	33929.4	35432.0	37157.0
27.5°	18946.0	19566.1	20449.1	21270.7	22413.0	23529.0	24989.1	26413.2	28132.6	29747.4	31606.4
30°	14631.7	15134.7	15842.2	16503.1	17420.2	18332.9	19633.5	20950.5	22661.4	24334.8	26240.6
32.5°	11339.0	11768.0	12358.6	12895.2	13601.7	14290.0	15247.7	16300.2	17801.0	19403.7	21246.6
35°	8777.7	9144.6	9647.3	10109.6	10690.6	11236.9	11951.6	12702.9	13848.1	15196.4	16845.6
37.5°	6998.0	7147.7	7506.4	7885.1	8367.7	8816.8	9375.7	9931.2	10750.7	11814.3	13161.6
40°	5322.0	5559.5	5851.5	6149.8	6515.2	6875.3	7488.6	7783.9	8323.4	9087.1	10132.7
42.5°	4294.1	4461.2	4666.7	4874.1	5128.7	5379.6	5689.7	6005.7	6409.1	6926.3	7670.0
45°	3593.4	3702.3	3834.8	3973.0	4140.3	4311.4	4519.1	4736.1	5009.3	5327.3	5779.0
47.5°	3125.3	3185.5	3272.0	3366.3	3481.0	3599.5	3734.6	3872.8	4042.5	4231.1	4488.4
50°	2759.8	2810.2	2877.3	2940.4	3019.5	3141.0	3194.5	3270.8	3373.0	3483.9	3627.8
52.5°	2495.4	2529.0	2571.0	2607.3	2657.3	2702.8	2762.4	2815.1	2885.8	2952.3	3045.3
55°	2289.6	2301.7	2325.6	2349.0	2383.6	2414.6	2455.6	2490.0	2535.0	2574.9	2633.5
57.5°	2130.5	2131.7	2142.8	2154.9	2177.1	2196.7	2224.8	2247.4	2278.7	2304.1	2339.2
60°	2016.3	2010.2	2012.4	2016.7	2029.2	2041.9	2060.0	2074.6	2094.4	2108.7	2128.4
62.5°	1921.2	1911.6	1909.4	1908.3	1914.5	1919.2	1929.0	1936.1	1947.3	1953.6	1964.1
65°	1801.1	1789.8	1785.4	1780.2	1782.1	1780.6	1784.3	1784.5	1790.2	1791.5	1797.6
67.5°	1692.1	1682.7	1677.1	1670.0	1666.9	1661.9	1659.7	1654.9	1654.2	1650.2	1649.2
70°	1592.7	1583.6	1578.7	1572.3	1569.0	1562.3	1558.4	1550.2	1545.5	1537.9	1533.6
72.5°	1477.7	1472.6	1471.1	1466.7	1465.6	1461.9	1460.2	1454.5	1451.2	1444.8	1441.1
75°	1357.6	1353.4	1353.0	1348.5	1348.2	1343.8	1342.6	1336.6	1333.5	1327.0	1324.3
77.5°	1214.4	1208.1	1206.3	1201.2	1202.4	1200.3	1202.1	1197.5	1195.4	1189.0	1187.0
80°	1053.2	1045.2	1041.9	1035.1	1036.8	1033.7	1036.8	1036.5	1038.9	1033.7	1032.8
82.5°	862.3	853.4	851.7	847.0	850.1	850.5	857.2	853.6	855.1	850.3	852.3
85°	627.4	620.8	611.6	610.4	604.5	610.6	602.6	608.0	599.3	605.3	597.3
87.5°	389.0	375.3	368.2	358.5	354.8	345.4	341.5	334.7	336.7	333.6	335.4
90°	139.8	128.4	126.1	116.8	116.4	108.4	109.6	104.0	106.2	100.4	103.2
92.5°	30.4	31.6	33.5	36.3	38.0	40.1	42.1	44.8	46.5	49.1	50.8
95°	36.7	37.7	40.5	43.4	46.3	49.1	52.2	55.0	57.8	60.7	63.5
97.5°	45.1	45.7	48.5	51.4	54.2	57.1	59.9	63.2	66.0	68.9	71.8
100°	51.3	51.5	59.6	67.7	75.8	84.0	92.1	100.2	108.7	116.7	124.9
102.5°	90.4	92.4	112.9	133.5	154.1	174.5	195.2	215.8	236.4	257.2	277.8
105°	191.1	199.3	230.5	262.0	293.2	324.7	356.1	387.8	419.3	450.8	482.2
107.5°	348.3	363.1	391.5	419.9	448.3	476.8	505.4	533.8	562.3	590.9	619.7
110°	488.2	503.9	523.0	542.2	561.5	580.6	599.7	619.0	638.5	657.7	677.3



TEST NUMBER: P1444563  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L835-UPL15

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	551.2	561.6	572.8	584.3	595.6	607.1	618.4	630.0	641.6	653.3	664.9
115°	550.6	555.7	560.1	565.0	569.5	574.4	579.3	584.3	589.4	594.3	599.4
117.5°	510.0	512.3	513.3	514.5	515.6	517.2	518.6	520.1	521.8	523.4	524.8
120°	449.6	449.6	449.5	449.5	449.3	449.5	449.8	450.0	450.3	450.8	451.0
122.5°	388.9	388.5	388.4	388.6	388.7	389.2	389.6	390.4	390.7	391.2	391.7
125°	336.7	336.4	337.9	339.5	341.1	343.0	344.6	346.8	348.7	350.6	352.7
127.5°	299.5	300.2	302.9	305.7	308.4	311.4	314.4	317.6	320.4	323.8	326.6
130°	278.3	279.7	282.8	286.5	289.7	293.4	297.0	300.9	304.1	307.8	311.2
132.5°	268.8	271.1	274.0	277.6	280.9	284.5	288.0	291.6	295.1	298.8	301.9
135°	266.9	269.5	272.5	275.8	279.0	282.5	285.7	289.2	292.2	295.7	298.7
137.5°	268.7	271.3	274.1	276.9	279.5	282.7	285.5	288.5	291.1	294.1	296.7
140°	274.4	276.9	278.8	281.1	283.1	285.3	287.2	289.5	291.4	293.7	295.5
142.5°	279.5	282.0	283.1	285.0	286.4	288.6	290.1	291.9	293.2	294.8	296.1
145°	285.8	287.8	288.5	289.6	290.6	291.7	292.4	293.5	294.2	295.1	295.8
147.5°	291.1	292.5	292.8	293.6	294.4	294.8	295.4	296.0	296.4	297.0	297.5
150°	294.7	295.8	295.8	296.4	296.4	296.7	296.8	297.2	297.2	297.6	297.6
152.5°	297.5	298.3	297.9	298.3	298.1	298.1	298.0	298.2	298.0	298.0	298.2
155°	298.7	299.1	298.9	298.9	298.7	298.7	298.6	299.0	299.0	299.0	299.1
157.5°	301.7	301.6	301.6	301.5	301.2	301.3	301.3	301.4	301.5	301.9	302.2
160°	305.4	305.4	305.1	305.0	304.9	304.8	304.8	305.1	305.2	305.9	306.2
162.5°	309.6	309.4	309.1	309.0	308.9	309.0	309.2	309.7	309.8	310.3	310.7
165°	315.7	315.8	315.2	315.4	315.2	315.2	315.3	315.5	315.8	316.2	316.6
167.5°	322.1	322.0	322.0	322.2	322.2	322.4	322.6	323.3	323.5	324.2	324.4
170°	329.6	329.7	329.5	329.5	329.4	329.5	329.6	329.7	330.0	330.3	330.3
172.5°	337.2	337.2	337.0	336.8	336.7	336.7	336.6	336.7	336.6	336.6	336.4
175°	343.1	343.1	343.0	342.9	342.8	342.5	342.5	342.0	341.9	341.8	341.7
177.5°	347.6	347.2	347.0	347.0	346.8	346.7	346.7	346.5	346.5	346.5	346.2
180°	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6



TEST NUMBER: P1444563  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L835-UPL15

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7
2.5°	49470.4	49469.8	49465.1	49467.3	49468.2	49471.7	49475.9	49480.3	49481.3	49484.8	49485.5
5°	49840.6	49718.2	49627.7	49528.2	49453.3	49386.0	49341.1	49305.4	49291.5	49295.0	49303.3
7.5°	50844.6	50591.9	50383.4	50146.4	49948.8	49739.6	49566.1	49401.2	49281.0	49191.5	49141.4
10°	51946.1	51638.5	51344.1	51001.2	50675.8	50328.6	50014.2	49697.5	49433.4	49204.2	49035.8
12.5°	52435.1	52217.5	51963.1	51639.5	51291.3	50890.7	50486.1	50052.4	49649.1	49274.6	48972.7
15°	51917.4	51917.8	51825.1	51669.8	51428.0	51107.8	50722.4	50270.3	49794.5	49308.9	48865.2
17.5°	50274.3	50584.4	50756.8	50865.9	50832.4	50714.4	50469.2	50122.0	49678.3	49161.1	48619.8
20°	47452.6	48183.8	48705.1	49174.0	49436.8	49611.4	49593.8	49452.6	49136.7	48696.9	48133.1
22.5°	43499.9	44727.1	45695.6	46598.7	47232.0	47747.2	47992.1	48096.1	47953.0	47646.6	47117.1
25°	38698.8	40367.5	41791.5	43173.6	44210.3	45101.2	45636.7	46013.9	46043.9	45883.8	45411.5
27.5°	33364.0	35333.7	37136.1	38972.8	40430.6	41711.5	42551.9	43167.0	43362.4	43336.6	42907.7
30°	28036.0	30103.8	32090.5	34232.2	36036.2	37672.7	38782.7	39614.6	39935.2	39996.5	39584.1
32.5°	23004.1	25043.4	27024.5	29263.6	31248.8	33124.3	34435.8	35423.9	35796.7	35884.5	35432.0
35°	18437.6	20318.9	22201.6	24371.7	26345.6	28287.5	29669.5	30704.0	31052.2	31110.8	30587.0
37.5°	14477.4	16080.3	17720.9	19668.0	21480.7	23304.4	24617.5	25589.8	25843.4	25827.8	25234.9
40°	11143.1	12389.1	13707.4	15310.4	16817.4	18359.2	19468.0	20271.8	20405.0	20306.3	19683.5
42.5°	8379.0	9279.0	10234.6	11431.2	12549.4	13703.4	14510.0	15106.7	15125.7	14969.7	14410.7
45°	6242.3	7120.4	7521.2	8244.7	8964.8	9732.2	10224.7	10593.3	10536.3	10399.0	9974.1
47.5°	4758.7	5096.1	5454.0	5902.7	6322.2	7192.9	7128.4	7720.2	7294.0	7584.7	6944.7
50°	3778.9	3967.5	4160.3	4398.4	4617.6	4845.2	4987.4	5093.6	5079.8	5034.2	4911.6
52.5°	3214.9	3273.2	3368.2	3503.6	3626.0	3749.0	3830.0	3895.9	3897.2	3878.8	3816.8
55°	2687.0	2761.0	2829.3	2917.8	3068.5	3091.6	3207.7	3184.2	3193.3	3161.2	3194.1
57.5°	2369.1	2412.1	2450.5	2503.2	2546.8	2597.6	2627.6	2656.5	2653.8	2647.5	2615.8
60°	2143.8	2167.6	2188.9	2219.7	2243.6	2272.3	2286.1	2300.8	2296.0	2285.3	2257.2
62.5°	1970.2	1985.0	1997.2	2017.0	2031.5	2049.4	2056.7	2062.9	2056.7	2046.5	2021.7
65°	1798.8	1808.4	1816.1	1831.0	1841.3	1856.6	1862.6	1868.6	1862.8	1855.0	1836.0
67.5°	1644.3	1645.2	1644.5	1650.5	1653.7	1662.8	1665.6	1669.9	1663.2	1656.4	1640.4
70°	1527.1	1524.6	1521.7	1524.1	1524.6	1529.1	1529.8	1529.1	1521.1	1509.4	1491.9
72.5°	1435.4	1434.2	1431.9	1434.0	1434.0	1437.9	1436.7	1434.7	1425.0	1413.5	1396.3
75°	1317.6	1316.7	1312.3	1312.5	1308.8	1310.2	1305.3	1302.6	1291.7	1282.1	1266.7
77.5°	1179.8	1177.6	1171.2	1168.8	1161.8	1158.9	1149.9	1145.4	1134.4	1126.7	1113.4
80°	1026.1	1023.6	1015.3	1010.7	999.7	992.7	979.4	971.9	959.2	951.7	938.8
82.5°	848.0	849.0	840.8	835.0	819.2	807.0	789.4	779.8	765.8	758.4	745.3
85°	603.2	594.5	599.1	598.7	588.9	578.3	563.9	553.8	542.1	535.0	525.7
87.5°	330.8	332.9	330.4	328.4	321.4	316.1	304.8	299.0	290.4	286.1	279.2
90°	94.3	94.1	85.8	85.7	77.6	74.6	65.1	63.3	54.7	53.3	47.1
92.5°	48.4	46.0	44.0	41.2	39.2	36.7	34.4	32.0	29.6	28.4	28.0
95°	60.0	56.7	53.3	49.8	46.3	42.9	39.7	36.2	32.7	32.0	31.2
97.5°	67.9	63.8	59.6	55.8	51.7	47.6	43.6	39.6	35.5	35.0	34.6
100°	115.7	106.4	97.0	87.6	78.2	68.8	59.6	50.1	40.9	40.3	39.9
102.5°	254.9	232.2	209.5	186.8	164.4	141.5	118.8	95.9	73.2	69.9	66.6
105°	447.8	413.2	379.1	344.7	310.2	275.8	241.5	206.8	172.4	161.3	150.2
107.5°	587.4	555.0	522.9	490.7	458.3	426.2	393.8	361.4	329.0	309.6	290.2
110°	651.8	626.3	601.0	575.5	550.2	524.7	499.0	473.5	448.0	431.2	414.9



TEST NUMBER: P1444563  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L835-UPL15

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	646.4	628.0	609.8	591.2	572.9	554.2	535.8	517.2	498.5	488.6	478.7
115°	588.8	577.9	567.2	556.4	545.5	534.6	523.9	512.5	501.6	496.6	491.7
117.5°	520.0	514.8	509.9	504.7	499.6	494.2	489.2	483.7	478.5	477.2	475.7
120°	450.6	449.6	448.5	447.6	446.6	445.6	444.5	443.4	442.1	443.0	444.0
122.5°	393.6	395.1	397.0	398.3	400.1	401.4	403.3	404.2	405.8	408.0	410.2
125°	355.5	358.2	360.9	363.5	366.1	368.8	371.6	373.8	376.6	378.7	381.4
127.5°	330.0	332.8	336.0	338.8	341.9	344.7	347.7	350.3	353.3	355.6	358.2
130°	314.3	316.8	319.8	322.3	325.3	328.0	330.6	333.4	336.1	338.3	340.6
132.5°	304.7	307.4	310.1	312.5	315.4	317.7	320.5	323.0	325.9	327.7	329.9
135°	301.3	303.4	305.7	307.7	310.3	312.2	314.5	317.0	319.5	321.2	323.2
137.5°	298.7	300.6	302.8	304.6	306.8	308.5	311.0	313.0	315.5	316.9	318.8
140°	297.4	299.4	301.3	303.1	305.2	307.2	309.6	311.7	314.2	315.6	317.5
142.5°	298.0	299.2	301.0	302.5	304.5	305.9	308.0	310.1	312.3	314.0	315.5
145°	297.5	299.0	300.8	302.3	304.1	306.0	308.2	310.4	312.6	314.0	315.5
147.5°	298.7	300.0	301.6	303.1	304.8	306.2	308.3	310.2	312.3	313.8	315.2
150°	299.0	300.3	301.6	303.0	304.8	306.5	308.3	310.4	312.8	314.2	315.5
152.5°	299.4	300.7	302.1	303.8	305.4	307.2	309.2	311.2	313.4	314.5	316.2
155°	300.6	301.7	303.3	305.0	306.8	308.3	310.3	312.1	314.2	315.6	316.9
157.5°	303.5	304.6	306.0	307.7	309.1	310.8	312.6	314.3	316.1	317.2	318.3
160°	307.5	308.5	310.0	311.4	312.9	314.4	316.0	317.5	319.1	320.2	321.3
162.5°	312.0	313.2	314.7	315.8	317.5	318.8	320.6	321.7	323.5	324.3	325.5
165°	317.6	318.7	320.0	320.9	322.2	323.1	324.6	325.6	327.1	327.7	329.0
167.5°	325.6	326.3	327.1	327.9	329.1	330.0	331.0	331.9	333.1	333.9	334.8
170°	331.1	331.8	332.4	333.3	334.0	334.9	335.7	336.3	337.5	338.2	339.0
172.5°	336.9	337.1	337.8	338.2	338.7	339.1	339.9	340.3	340.9	341.7	342.3
175°	342.2	342.3	342.6	342.7	342.8	343.1	343.5	344.0	344.3	344.7	345.1
177.5°	346.3	346.3	346.4	346.5	347.0	347.1	347.4	347.5	347.7	348.0	348.4
180°	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6



TEST NUMBER: P1444563  
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**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7
2.5°	49483.8	49483.3	49481.7	49479.4	49477.2	49478.5	49480.7	49486.4	49496.4	49510.7	49529.5
5°	49310.1	49320.2	49325.9	49326.7	49321.6	49318.4	49323.2	49336.8	49364.2	49410.2	49472.4
7.5°	49127.9	49140.5	49159.6	49174.0	49176.7	49173.2	49174.0	49195.3	49245.9	49335.5	49461.2
10°	48933.4	48896.5	48916.0	48951.7	48980.1	48985.2	48988.7	49013.9	49087.9	49223.3	49425.1
12.5°	48753.9	48636.8	48614.2	48646.4	48689.5	48703.2	48699.5	48710.3	48796.9	48976.2	49257.5
15°	48517.7	48297.4	48222.1	48230.4	48283.6	48302.7	48288.7	48267.4	48351.9	48570.6	48934.8
17.5°	48135.2	47780.2	47641.8	47635.7	47697.9	47714.4	47680.2	47614.0	47697.2	47970.2	48422.4
20°	47554.0	47029.8	46769.2	46727.8	46795.3	46775.6	46707.4	46607.3	46716.6	47048.6	47586.2
22.5°	46509.0	45844.8	45399.7	45256.2	45336.9	45283.0	45183.5	45055.6	45200.8	45578.0	46176.7
25°	44801.5	44034.0	43424.5	43082.7	43147.1	43050.5	42942.2	42787.2	42960.4	43393.3	44052.4
27.5°	42291.6	41405.1	40650.0	40084.0	40104.8	39978.2	39853.4	39652.9	39869.0	40381.5	41124.9
30°	38954.2	37928.3	37008.8	36239.6	36170.8	36048.1	35920.2	35657.0	35927.5	36541.0	37409.7
32.5°	34762.9	33624.0	32561.4	31588.9	31405.4	31285.7	31171.7	30868.9	31223.1	31938.3	32936.4
35°	29861.5	28648.1	27496.1	26385.4	26081.4	25961.7	25862.1	25572.0	26013.9	26792.3	27870.2
37.5°	24481.4	23241.9	22098.1	20959.1	20529.7	20367.3	20294.9	20104.8	20614.7	21384.6	22466.9
40°	18958.1	17805.7	16780.2	15774.3	15284.7	15036.1	14998.2	14963.6	15456.5	16124.5	17106.8
42.5°	13791.3	12861.5	12070.8	11301.9	10858.3	10518.7	10518.6	10621.6	11065.4	11565.7	12323.3
45°	9539.9	8915.9	8412.1	7898.3	8035.6	7358.8	7756.5	7552.5	7771.8	8094.3	8587.0
47.5°	6557.7	6217.1	5940.4	5653.4	5444.1	5244.3	5261.7	5390.6	5597.2	5788.5	6044.9
50°	4779.5	4606.0	4465.0	4316.0	4211.8	4123.7	4128.8	4184.6	4293.2	4394.0	4528.1
52.5°	3745.1	3649.4	3572.8	3490.3	3435.8	3391.9	3394.3	3421.4	3480.1	3537.7	3614.6
55°	3086.9	3075.2	2975.7	2901.8	2873.6	2844.2	2849.5	2860.2	2900.1	2933.8	2984.7
57.5°	2586.8	2542.1	2512.2	2473.2	2455.4	2434.7	2439.4	2443.3	2470.1	2492.7	2529.4
60°	2233.6	2202.0	2180.8	2154.3	2142.6	2129.5	2132.4	2134.8	2152.0	2166.6	2193.0
62.5°	1999.1	1970.7	1952.3	1931.9	1923.5	1914.7	1916.7	1917.5	1928.2	1939.0	1958.9
65°	1819.1	1796.6	1781.4	1763.6	1755.0	1745.8	1746.8	1746.8	1755.8	1763.6	1778.6
67.5°	1628.8	1611.9	1601.9	1587.9	1582.0	1572.7	1572.5	1569.5	1575.4	1578.5	1588.7
70°	1476.1	1459.0	1446.3	1432.8	1425.4	1417.2	1417.4	1417.6	1424.4	1431.5	1444.6
72.5°	1381.7	1365.3	1354.1	1342.3	1335.4	1328.3	1327.0	1326.3	1331.3	1335.2	1343.8
75°	1256.7	1243.6	1237.0	1226.0	1220.5	1212.6	1211.3	1207.7	1210.0	1210.8	1217.2
77.5°	1105.2	1092.8	1087.4	1076.3	1071.6	1062.6	1061.9	1057.9	1059.7	1058.4	1063.4
80°	932.4	921.1	918.1	909.0	906.8	898.5	897.2	892.2	893.7	889.8	891.7
82.5°	739.5	729.3	727.0	718.5	718.5	711.0	710.6	703.1	703.1	696.7	686.3
85°	520.9	513.4	510.2	503.2	501.2	495.2	492.0	484.8	482.3	477.6	476.2
87.5°	274.9	270.1	265.9	262.6	256.5	245.6	244.7	237.2	237.8	232.4	232.8
90°	46.5	40.9	40.5	35.4	34.6	31.2	30.8	30.1	30.4	29.9	30.3
92.5°	27.1	26.4	25.6	24.8	23.9	23.2	22.4	23.2	23.9	24.8	25.6
95°	30.5	29.9	29.1	28.4	27.7	27.0	26.3	27.0	27.7	28.6	29.3
97.5°	34.1	33.6	33.3	32.8	32.3	31.9	31.4	32.0	32.4	32.9	33.4
100°	39.3	38.8	38.2	37.7	37.1	36.7	36.1	37.0	37.5	38.1	38.6
102.5°	63.5	60.2	56.9	53.6	50.3	47.0	43.7	47.0	50.3	53.8	57.1
105°	139.1	128.2	117.0	105.9	94.8	83.7	72.5	83.9	95.0	106.1	117.4
107.5°	270.6	251.4	231.8	212.3	192.7	173.2	153.6	173.4	193.0	212.5	232.1
110°	397.9	381.3	364.4	347.7	330.7	314.1	297.1	314.3	331.1	348.1	365.0



TEST NUMBER: P1444563  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L835-UPL15

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	468.5	458.6	448.4	438.6	428.2	418.2	407.8	418.6	428.9	439.4	449.5
115°	486.7	481.5	476.7	471.4	466.1	461.0	455.4	461.5	467.1	472.6	478.1
117.5°	474.2	473.0	471.3	469.9	468.2	466.7	464.8	467.1	469.1	471.5	473.2
120°	444.5	445.6	446.3	446.9	447.7	448.2	448.5	448.9	448.9	448.9	448.7
122.5°	412.4	414.6	416.5	418.6	420.5	422.5	423.9	423.1	422.0	421.0	419.5
125°	383.5	386.1	388.1	390.5	392.3	394.6	395.9	395.5	394.3	393.2	391.6
127.5°	360.5	362.7	364.9	367.3	369.0	371.0	372.4	372.0	371.1	370.1	368.7
130°	342.6	345.1	346.7	348.9	350.4	352.0	353.1	353.1	352.5	352.2	351.0
132.5°	331.8	334.0	335.8	337.6	338.9	340.5	341.3	341.6	341.3	341.1	340.1
135°	325.1	326.9	328.4	330.3	331.5	332.7	333.4	334.0	333.9	333.8	333.2
137.5°	320.3	322.1	323.6	324.8	325.9	326.8	327.3	328.1	328.3	328.8	328.5
140°	319.0	320.8	322.3	323.6	324.9	326.0	326.4	327.3	327.5	327.6	327.2
142.5°	317.3	318.9	320.5	321.9	322.9	324.0	324.5	325.3	325.5	325.6	325.4
145°	317.2	318.5	320.0	321.3	322.2	323.0	323.3	324.3	324.6	324.8	324.9
147.5°	316.6	318.1	319.2	320.4	321.2	322.1	322.6	323.2	323.6	323.9	324.0
150°	317.1	318.4	319.8	320.9	321.9	322.8	323.1	323.9	324.1	324.4	324.3
152.5°	317.4	318.5	319.8	320.8	321.8	322.5	322.9	323.6	324.2	324.7	324.8
155°	318.0	319.3	320.4	321.5	322.2	323.2	323.9	324.6	325.2	325.5	325.9
157.5°	319.4	320.7	321.6	322.7	323.5	324.5	325.3	326.2	326.8	327.5	327.8
160°	322.2	323.6	324.2	325.4	326.3	327.2	327.9	328.9	329.6	330.2	330.9
162.5°	326.4	327.5	328.0	329.2	330.1	331.0	331.7	332.7	333.4	334.1	334.7
165°	330.0	331.0	331.7	332.8	333.7	334.8	335.4	336.3	336.7	337.3	337.8
167.5°	335.6	336.7	337.1	338.2	338.8	339.9	340.7	341.3	341.8	342.3	342.7
170°	339.7	340.5	341.2	341.9	342.7	343.5	344.0	344.5	344.9	345.4	345.9
172.5°	342.8	343.6	344.2	345.1	345.6	346.3	346.9	347.4	347.6	347.9	347.9
175°	345.5	346.2	346.4	347.0	347.4	348.0	348.5	348.5	348.9	348.9	349.1
177.5°	348.9	349.5	349.9	350.2	350.7	350.9	351.4	351.1	351.1	351.0	350.7
180°	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6



TEST NUMBER: P1444563  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L835-UPL15

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7
2.5°	49555.9	49580.9	49618.7	49653.1	49704.9	49745.7	49807.0	49853.5	49922.6	49967.5	50042.9
5°	49560.4	49657.4	49784.9	49909.3	50058.9	50194.6	50363.3	50507.1	50676.7	50815.1	50988.6
7.5°	49630.5	49817.4	50041.5	50267.3	50522.7	50761.6	51030.7	51274.4	51540.6	51766.1	52012.3
10°	49682.2	49970.5	50300.8	50633.1	50982.9	51307.8	51636.0	51919.5	52184.5	52402.5	52595.2
12.5°	49612.1	50009.3	50433.1	50842.3	51231.3	51567.7	51850.0	52068.0	52218.5	52320.6	52344.6
15°	49373.8	49851.9	50312.6	50720.2	51042.9	51291.8	51420.7	51481.0	51416.2	51308.8	51072.5
17.5°	48928.7	49432.9	49844.9	50166.3	50336.9	50404.4	50297.7	50112.0	49749.2	49346.4	48764.7
20°	48112.7	48582.4	48881.3	49056.6	49010.9	48842.2	48439.2	47949.5	47225.0	46453.0	45434.1
22.5°	46681.3	47091.9	47251.1	47264.2	46985.8	46563.3	45836.5	44996.4	43853.5	42665.4	41204.2
25°	44532.6	44892.4	44917.6	44776.3	44266.8	43582.1	42514.8	41326.4	39773.4	38190.2	36359.2
27.5°	41618.8	41963.8	41879.4	41615.6	40908.4	39992.2	38625.8	37090.4	35175.9	33306.0	31280.5
30°	37955.8	38324.7	38225.5	37887.3	37046.1	35963.2	34355.4	32571.7	30446.1	28448.9	26396.3
32.5°	33572.2	34038.7	33970.3	33648.8	32770.9	31612.0	29867.5	27975.6	25800.8	23832.8	21836.1
35°	28589.8	29156.2	29185.5	28975.3	28160.4	27014.9	25292.3	23461.0	21378.0	19521.0	17676.6
37.5°	23221.8	23878.4	24013.2	23956.6	23281.1	22270.0	20700.4	19057.7	17212.3	15584.8	14007.3
40°	17824.1	18488.7	18719.3	18787.7	18289.3	17506.1	16218.0	14892.0	13387.5	12068.9	10816.3
42.5°	12901.7	13490.8	13713.6	13853.8	13542.7	13020.4	12080.8	11117.9	10015.7	9064.6	8152.7
45°	8960.5	9377.2	9546.7	9687.8	9518.4	9223.7	8630.3	8028.1	7300.6	6678.9	6090.6
47.5°	6264.8	6494.6	6606.5	6675.0	6609.2	6455.6	6132.7	5783.8	5373.1	5009.8	4660.7
50°	4643.5	4765.9	4824.4	4864.0	4816.1	4730.8	4556.0	4366.0	4140.5	3934.7	3733.6
52.5°	3679.9	3750.0	3784.8	3806.1	3778.7	3726.4	3624.7	3512.1	3376.8	3249.7	3182.9
55°	3100.1	3096.4	3176.9	3138.0	3176.9	3090.2	3072.0	2948.1	2835.8	2756.7	2671.2
57.5°	2556.6	2593.0	2608.5	2625.7	2614.5	2598.7	2555.4	2511.1	2451.9	2402.3	2349.6
60°	2213.1	2243.0	2259.9	2277.1	2276.0	2270.1	2245.1	2218.5	2181.5	2152.0	2119.9
62.5°	1976.4	2002.4	2019.0	2035.4	2036.9	2034.6	2015.5	1997.2	1972.0	1953.4	1931.3
65°	1790.2	1808.4	1819.8	1832.9	1832.1	1828.6	1811.5	1796.2	1775.5	1762.6	1746.4
67.5°	1595.3	1609.1	1617.9	1630.3	1632.6	1633.4	1624.0	1616.8	1606.8	1603.1	1597.5
70°	1456.8	1473.5	1487.7	1503.3	1511.7	1515.8	1511.7	1508.1	1502.2	1499.6	1495.4
72.5°	1351.8	1366.0	1377.1	1391.2	1399.2	1404.9	1401.8	1399.7	1394.6	1393.8	1390.9
75°	1221.6	1231.3	1237.6	1248.3	1252.6	1257.9	1255.5	1256.7	1255.1	1259.1	1259.0
77.5°	1065.0	1072.2	1075.1	1082.9	1083.6	1090.0	1091.5	1099.1	1104.4	1116.1	1122.4
80°	888.8	893.3	893.3	901.3	904.8	915.6	920.8	933.1	938.8	949.3	950.2
82.5°	690.4	685.0	690.4	687.1	697.2	709.4	711.0	721.5	723.9	730.5	725.4
85°	472.0	471.6	467.4	468.1	464.9	466.5	464.6	466.7	464.8	464.9	460.2
87.5°	226.1	228.2	223.2	224.9	220.1	222.2	218.1	221.4	216.4	217.1	209.7
90°	30.3	30.5	30.3	30.8	31.8	33.0	34.3	35.6	37.5	38.6	40.1
92.5°	26.4	27.2	28.1	28.9	29.7	32.1	34.5	36.8	39.5	41.7	44.1
95°	30.1	30.7	31.4	32.6	33.3	36.7	40.2	43.6	47.1	50.6	54.1
97.5°	34.1	34.6	35.1	35.5	36.2	40.2	44.3	48.5	52.6	56.6	60.5
100°	39.3	39.8	40.3	41.0	41.6	51.0	60.5	69.9	79.3	88.6	98.0
102.5°	60.5	63.8	67.1	70.8	74.1	97.0	119.8	142.7	165.2	188.1	210.9
105°	128.6	139.7	151.2	162.3	173.5	208.1	242.8	277.4	311.6	346.2	380.8
107.5°	251.9	271.5	291.3	310.9	330.4	363.0	395.4	427.9	460.5	492.9	525.0
110°	382.3	398.8	416.2	433.0	450.0	475.5	501.4	527.0	552.7	578.3	603.8



TEST NUMBER: P1444563  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L835-UPL15

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	460.1	470.2	480.5	490.4	500.8	519.6	538.6	557.3	576.1	594.5	613.2
115°	483.5	488.5	494.0	499.2	504.7	515.9	527.0	538.1	549.4	560.2	571.5
117.5°	475.1	477.0	478.8	480.2	482.0	487.4	493.1	498.5	504.0	509.5	514.9
120°	448.5	448.0	447.7	446.9	446.5	447.7	449.3	450.4	451.9	453.1	454.3
122.5°	418.1	416.3	414.7	412.8	411.1	409.6	408.6	407.0	406.2	404.7	403.5
125°	390.1	388.2	386.5	384.5	382.3	380.1	377.8	375.4	372.9	370.5	368.1
127.5°	367.5	365.6	364.1	362.1	360.1	357.3	354.8	351.9	349.5	346.5	343.8
130°	350.0	348.4	347.3	345.2	343.8	340.9	338.7	336.1	333.5	331.0	328.4
132.5°	339.6	338.2	337.0	335.3	334.0	331.5	329.5	326.8	324.4	321.9	319.7
135°	332.8	331.8	330.9	329.6	328.3	326.0	324.1	322.0	320.1	317.9	316.0
137.5°	328.2	327.3	326.6	325.7	324.7	322.7	321.1	319.1	317.5	315.4	313.9
140°	327.1	326.4	325.7	324.8	323.9	322.0	320.3	318.3	316.7	314.7	313.0
142.5°	325.0	324.4	323.9	323.0	322.2	320.5	319.3	317.7	316.2	314.6	313.3
145°	324.6	324.1	323.9	323.0	322.8	321.0	319.7	317.9	316.8	315.0	313.7
147.5°	324.0	323.6	323.5	322.9	322.9	321.4	320.5	319.1	318.1	316.8	315.8
150°	324.3	324.2	324.1	323.8	323.5	322.3	321.4	320.3	319.5	318.1	317.3
152.5°	324.8	324.9	325.0	324.9	325.0	324.1	323.2	322.1	321.2	320.1	319.3
155°	326.3	326.5	326.7	326.7	326.7	326.0	325.2	324.3	323.6	322.7	321.9
157.5°	328.2	328.6	329.0	329.2	329.4	328.8	328.1	327.5	326.9	326.1	325.4
160°	331.2	331.8	332.2	332.4	332.7	332.1	332.0	331.0	330.9	330.0	329.4
162.5°	335.2	335.8	336.2	336.4	336.7	336.1	336.0	335.4	334.9	333.9	333.5
165°	338.5	338.6	339.1	339.2	339.5	339.1	339.0	338.6	338.2	337.7	337.3
167.5°	343.2	343.3	343.8	343.8	344.1	343.8	344.1	343.7	343.4	343.1	342.9
170°	346.2	346.4	346.7	346.8	347.1	346.8	346.7	346.5	346.5	346.0	345.7
172.5°	348.3	348.2	348.5	348.7	348.7	348.5	348.5	348.3	348.3	348.2	348.0
175°	349.2	349.2	349.3	349.3	349.3	349.4	349.3	349.4	349.3	349.3	349.2
177.5°	350.8	350.7	350.4	350.4	350.3	350.2	350.3	350.2	350.5	350.4	350.3
180°	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6



TEST NUMBER: P1444563  
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**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7
2.5°	50089.4	49780.1	49739.2	49760.9	49812.7	49831.8	49887.5	49902.9	49958.9	49972.8	50026.7
5°	51122.9	50714.0	50734.5	50832.7	50981.7	51070.3	51216.6	51293.1	51432.8	51496.3	51622.5
7.5°	52212.8	51891.7	51991.8	52157.6	52361.1	52502.0	52677.8	52792.2	52943.7	53037.6	53158.9
10°	52747.9	52660.0	52770.1	52900.6	53016.7	53107.7	53182.1	53241.8	53280.7	53317.4	53333.4
12.5°	52340.7	52476.8	52495.6	52482.9	52406.0	52347.3	52215.4	52125.8	51966.6	51869.6	51680.3
15°	50831.1	51130.5	50964.7	50713.8	50346.5	50040.3	49607.9	49285.9	48835.6	48530.2	48078.2
17.5°	48181.8	48559.7	48127.7	47547.0	46808.2	46176.2	45389.2	44764.5	43982.0	43412.8	42682.5
20°	44452.2	44805.4	44034.9	43072.2	41929.4	40967.6	39833.4	38928.4	37874.4	37090.4	36144.2
22.5°	39808.5	40060.1	38974.7	37676.8	36220.8	35019.3	33663.2	32578.3	31375.5	30479.1	29470.3
25°	34671.1	34739.1	33437.1	31941.8	30319.1	28968.7	27520.9	26380.3	25153.5	24245.1	23255.0
27.5°	29486.0	29386.4	27979.1	26393.7	24686.7	23283.1	21871.0	20802.2	19727.8	18909.5	18056.5
30°	24591.8	24350.8	22889.5	21260.0	19603.0	18345.0	17172.8	16314.3	15459.6	14810.5	14125.8
32.5°	20103.7	19763.7	18341.3	16814.7	15418.4	14447.6	13578.4	12928.8	12238.6	11690.3	11115.7
35°	16128.5	15766.2	14506.1	13211.9	12155.2	11439.5	10756.3	10223.5	9637.4	9174.8	8675.8
37.5°	12716.9	12419.9	11364.4	10346.0	9546.7	8992.1	8432.4	7996.8	7512.5	7309.0	6775.8
40°	9817.3	9609.8	8784.6	8033.8	7433.6	7173.1	6604.9	6198.0	5836.0	5537.6	5248.6
42.5°	7657.7	7584.3	6781.1	6195.6	5772.9	5444.7	5128.0	4871.0	4620.7	4415.0	4220.7
45°	5619.6	5561.5	5204.9	4866.9	4578.9	4349.5	4135.5	3958.7	3795.1	3659.4	3536.2
47.5°	4376.0	4357.4	4152.0	3942.5	3761.1	3613.7	3474.7	3357.3	3248.8	3158.2	3128.8
50°	3559.2	3556.8	3436.2	3306.9	3177.7	3092.6	3003.9	2934.5	2864.7	2810.4	2753.0
52.5°	3024.1	3011.1	2929.7	2849.8	2773.1	2717.2	2660.5	2616.1	2570.0	2536.5	2500.8
55°	2603.4	2617.3	2570.2	2522.5	2474.5	2439.7	2400.0	2370.7	2339.0	2317.9	2296.4
57.5°	2311.3	2329.5	2304.8	2277.8	2248.5	2225.7	2198.3	2178.1	2156.9	2143.4	2130.9
60°	2098.7	2118.6	2108.7	2095.1	2077.0	2063.4	2045.9	2034.7	2021.1	2013.5	2006.5
62.5°	1918.4	1943.3	1939.7	1933.3	1921.7	1914.2	1904.6	1899.7	1890.7	1887.4	1884.0
65°	1738.4	1766.5	1765.9	1762.8	1756.3	1754.1	1748.2	1747.2	1742.5	1744.3	1744.0
67.5°	1597.0	1621.3	1626.6	1630.4	1630.3	1631.8	1631.2	1633.6	1633.6	1637.1	1639.3
70°	1494.9	1511.7	1515.8	1519.9	1520.9	1524.2	1524.2	1526.3	1525.8	1528.7	1529.1
72.5°	1391.6	1413.9	1418.0	1421.3	1421.3	1424.4	1422.7	1422.1	1417.8	1416.8	1413.7
75°	1263.2	1291.7	1297.9	1302.0	1302.6	1305.3	1301.4	1299.1	1291.7	1288.7	1283.6
77.5°	1129.0	1158.7	1163.1	1164.5	1162.2	1162.8	1154.6	1149.1	1139.7	1135.8	1130.9
80°	954.4	998.0	1001.5	998.8	991.9	990.9	982.9	977.8	966.6	962.7	958.5
82.5°	726.2	777.4	784.6	787.7	782.2	783.5	776.0	773.0	762.7	760.9	754.1
85°	458.5	509.7	518.2	516.9	511.4	510.0	505.7	507.1	506.2	509.0	510.4
87.5°	210.7	260.1	272.2	268.3	267.7	264.2	256.3	259.3	264.0	267.1	267.3
90°	41.6	57.9	59.0	59.1	54.7	54.1	49.9	50.4	46.9	47.1	43.9
92.5°	46.4	48.9	51.3	49.2	47.0	44.9	42.8	40.5	38.5	36.3	34.2
95°	57.5	60.6	64.1	61.3	58.2	55.4	52.6	49.6	46.8	44.0	41.1
97.5°	64.7	68.4	72.3	69.5	66.6	63.6	60.7	57.9	55.0	52.0	49.1
100°	107.4	116.3	125.5	117.3	109.1	100.9	92.9	84.6	76.5	68.4	60.1
102.5°	233.6	255.9	278.4	257.7	237.1	216.3	195.9	175.3	154.8	133.9	113.4
105°	415.0	448.8	483.1	451.3	419.8	388.4	356.9	325.5	294.0	262.4	231.1
107.5°	557.4	588.6	620.4	591.8	563.3	534.7	505.9	477.5	448.9	420.2	391.9
110°	629.4	653.2	678.4	658.8	639.6	620.0	600.7	581.3	562.0	542.9	523.8



TEST NUMBER: P1444563  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L835-UPL15

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	631.7	648.1	666.1	654.2	642.8	631.0	619.5	607.9	596.5	584.8	573.7
115°	582.1	590.6	600.9	595.5	590.7	585.6	580.5	575.7	570.6	565.7	561.1
117.5°	520.1	522.4	526.7	524.9	523.5	521.6	520.2	518.5	517.3	515.7	514.6
120°	455.3	453.2	453.4	452.7	452.5	452.0	451.7	451.4	451.2	451.0	451.0
122.5°	401.9	396.9	394.2	393.7	393.1	392.4	392.0	391.3	391.0	390.7	390.4
125°	365.6	359.0	355.3	353.2	351.4	349.4	347.3	345.4	343.7	341.9	340.2
127.5°	341.0	333.8	329.9	326.9	323.9	320.8	317.7	314.5	311.7	308.6	306.0
130°	326.0	318.6	314.8	311.2	308.0	304.2	300.9	297.3	293.6	290.2	286.7
132.5°	317.2	309.7	306.0	302.7	299.5	295.8	292.6	288.9	285.6	281.9	278.7
135°	313.9	306.4	303.2	299.8	297.1	293.7	290.5	287.2	284.1	280.6	277.8
137.5°	311.7	304.3	301.4	298.5	296.0	293.2	290.8	287.9	285.3	282.1	279.6
140°	311.2	303.3	300.3	298.4	296.9	294.7	292.8	290.8	289.0	287.0	285.1
142.5°	311.7	304.0	301.2	299.7	298.5	297.0	296.0	294.5	293.0	291.2	289.8
145°	312.3	303.7	301.0	300.0	299.7	298.8	298.2	297.4	296.7	295.6	295.0
147.5°	314.4	305.5	302.6	302.4	302.1	301.4	301.4	300.7	300.6	299.9	299.6
150°	315.9	305.9	302.5	302.5	302.3	302.3	302.3	302.0	302.3	302.1	302.0
152.5°	318.0	306.0	302.2	302.2	302.5	302.3	302.5	302.7	303.1	303.3	303.4
155°	320.7	307.6	303.4	303.0	303.0	303.1	303.1	303.2	303.4	303.6	304.0
157.5°	324.4	310.5	306.4	305.8	305.7	305.6	305.5	305.5	305.6	305.7	306.2
160°	328.6	314.6	310.4	309.8	309.7	309.4	309.1	308.9	309.0	309.1	309.4
162.5°	332.6	319.0	314.9	314.3	313.9	313.6	313.5	312.9	313.0	312.9	313.2
165°	336.6	324.4	320.6	320.1	319.9	319.5	319.4	319.1	319.1	319.1	319.3
167.5°	342.3	331.3	328.3	327.7	327.1	326.7	326.7	325.9	325.9	325.5	325.5
170°	345.3	336.7	334.0	333.7	333.8	333.5	333.3	333.2	333.1	332.9	333.0
172.5°	347.6	341.3	339.3	339.3	339.5	339.5	339.7	339.7	339.9	340.0	340.2
175°	349.1	345.3	344.4	344.2	344.3	344.4	344.5	344.5	344.6	344.7	345.1
177.5°	350.4	349.4	348.9	348.9	348.9	348.9	348.9	348.9	348.9	349.1	349.1
180°	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6



TEST NUMBER: P1444563  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L835-UPL15

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7
2.5°	50036.8	50095.1	50090.7	50145.2	50142.4	50193.7	50183.4	50227.8	50217.6	50255.5	50233.3
5°	51678.0	51789.1	51825.6	51925.8	51946.5	52036.1	52038.0	52109.2	52100.6	52156.4	52126.7
7.5°	53230.7	53334.3	53383.4	53461.3	53500.1	53564.5	53589.7	53642.7	53655.4	53686.7	53685.7
10°	53361.7	53361.4	53385.6	53374.8	53396.5	53384.0	53410.5	53401.0	53440.1	53430.0	53459.6
12.5°	51598.6	51423.6	51359.7	51202.6	51168.2	51033.3	51042.9	50956.5	50998.1	50945.0	51035.6
15°	47809.4	47403.5	47203.0	46850.0	46739.2	46460.3	46437.6	46252.3	46302.4	46205.4	46347.2
17.5°	42210.0	41570.9	41220.2	40704.9	40500.2	40105.7	40026.6	39788.1	39825.1	39705.0	39876.0
20°	35534.0	34761.7	34319.3	33723.3	33457.4	32987.2	32862.4	32595.6	32629.1	32509.4	32703.1
22.5°	28781.7	27973.4	27474.0	26849.3	26509.8	26067.5	25934.8	25666.7	25682.0	25569.8	25755.9
25°	22576.7	21801.7	21317.0	20749.6	20455.0	20049.4	19910.0	19669.3	19682.9	19590.4	19757.5
27.5°	17464.7	16828.8	16423.2	15947.6	15683.6	15350.2	15214.2	15011.8	15011.3	14943.3	15083.0
30°	13647.8	13117.1	12752.9	12338.8	12090.7	11789.9	11658.5	11477.4	11469.5	11421.4	11532.3
32.5°	10685.9	10213.9	9881.8	9517.2	9294.6	9036.5	8912.1	8766.5	8753.2	8709.6	8800.8
35°	8306.8	7909.4	7623.8	7316.9	7339.5	6958.7	7022.0	6726.1	6645.9	6628.4	6696.1
37.5°	6420.2	6112.4	5880.4	5650.6	5494.9	5333.9	5247.2	5169.4	5160.6	5153.0	5200.5
40°	5025.3	4809.9	4641.1	4483.4	4376.4	4278.1	4223.9	4181.1	4171.0	4165.3	4194.0
42.5°	4067.3	3921.8	3813.1	3716.8	3651.8	3598.4	3568.6	3544.8	3536.9	3537.1	3554.0
45°	3436.2	3348.1	3278.0	3218.3	3176.7	3194.9	3141.1	3169.3	3132.2	3170.6	3145.2
47.5°	3026.1	2951.0	2907.6	2865.3	2840.1	2819.8	2820.6	2821.0	2828.9	2830.1	2838.5
50°	2709.6	2666.3	2636.0	2609.0	2596.0	2585.3	2589.0	2591.7	2599.5	2599.9	2606.0
52.5°	2475.4	2446.9	2428.7	2411.9	2406.0	2400.0	2402.5	2401.5	2404.9	2403.1	2408.1
55°	2284.8	2271.3	2265.6	2259.4	2260.3	2258.6	2259.8	2253.7	2250.0	2245.4	2249.6
57.5°	2128.4	2126.6	2130.4	2133.0	2140.1	2142.8	2144.4	2137.4	2130.7	2124.7	2128.2
60°	2007.9	2010.8	2020.4	2028.1	2038.4	2043.2	2046.1	2042.1	2037.3	2032.3	2035.2
62.5°	1889.0	1893.6	1905.0	1913.6	1926.2	1932.6	1939.7	1940.1	1942.0	1940.1	1942.1
65°	1750.9	1756.7	1767.0	1774.2	1785.7	1791.5	1798.8	1800.1	1804.2	1803.2	1806.7
67.5°	1646.1	1651.3	1659.9	1666.7	1677.1	1682.9	1689.4	1689.8	1691.2	1690.8	1694.1
70°	1534.2	1536.8	1544.5	1550.2	1560.5	1566.6	1574.0	1576.2	1580.8	1581.5	1585.2
72.5°	1415.0	1413.9	1418.5	1421.1	1428.8	1433.6	1443.0	1448.1	1455.9	1457.8	1460.6
75°	1285.0	1284.0	1289.5	1291.7	1298.3	1303.1	1313.6	1320.4	1332.4	1337.3	1336.0
77.5°	1134.7	1137.4	1147.6	1153.4	1162.2	1168.2	1181.9	1192.7	1214.6	1224.1	1214.4
80°	966.6	969.3	980.0	985.3	997.0	1004.3	1019.6	1032.3	1051.9	1056.2	1050.7
82.5°	759.9	760.7	770.3	774.2	789.4	800.2	819.5	829.7	841.8	840.0	838.5
85°	518.2	525.1	537.1	549.1	567.4	585.2	603.4	618.4	607.8	624.5	605.7
87.5°	276.9	276.1	292.3	289.8	315.6	330.4	346.3	353.8	362.3	360.6	360.8
90°	44.9	42.3	43.6	40.6	43.3	39.9	43.9	40.9	45.8	41.7	48.6
92.5°	32.0	30.9	29.7	28.6	27.3	26.4	25.1	23.9	22.8	21.6	22.8
95°	38.3	37.2	36.2	34.9	33.8	32.8	31.7	30.6	29.6	28.5	29.9
97.5°	46.3	45.7	45.0	44.4	43.7	43.1	42.5	41.9	41.0	40.4	41.3
100°	52.0	52.0	52.0	52.0	51.6	51.6	51.6	51.6	51.6	51.6	52.3
102.5°	92.8	90.8	88.7	86.5	84.5	82.3	80.3	78.2	76.2	74.2	77.2
105°	199.6	191.6	183.5	175.4	167.2	159.2	151.2	143.1	135.2	127.1	135.4
107.5°	363.7	348.9	334.1	319.5	304.8	290.1	275.6	260.9	246.4	231.7	244.8
110°	504.5	488.8	473.1	457.6	441.9	426.2	410.7	395.2	379.7	364.2	376.7



TEST NUMBER: P1444563  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L835-UPL15

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	562.4	551.8	541.6	531.4	521.3	511.4	501.3	491.3	481.3	471.3	477.3
115°	556.3	551.3	546.2	541.3	536.4	531.3	526.4	521.8	517.0	512.3	512.6
117.5°	513.2	511.2	509.3	507.4	505.6	503.8	502.2	500.6	499.0	497.6	494.2
120°	451.1	451.0	450.9	451.1	451.4	451.8	451.8	452.4	453.1	453.7	449.1
122.5°	390.2	390.7	391.2	391.9	392.8	393.8	394.7	396.0	397.4	398.7	394.2
125°	338.4	338.9	339.3	339.9	340.2	341.4	342.4	343.6	344.9	346.3	342.6
127.5°	303.2	302.6	302.0	301.8	301.6	301.8	302.1	302.5	303.2	304.0	301.6
130°	283.3	282.0	280.5	279.4	278.2	277.6	277.0	276.6	276.2	276.2	275.4
132.5°	275.2	273.1	271.1	269.4	267.6	266.5	264.9	264.2	263.3	262.8	262.6
135°	274.2	271.9	269.6	267.3	265.2	263.7	262.0	260.9	259.7	258.8	259.4
137.5°	276.8	274.6	272.1	270.0	267.9	266.4	264.6	263.3	262.3	261.4	262.2
140°	282.9	280.6	278.3	276.2	274.5	272.9	271.2	270.1	268.8	268.2	268.6
142.5°	288.2	286.5	284.2	282.5	280.6	279.3	277.9	276.9	275.6	275.2	275.8
145°	294.0	292.6	290.9	289.5	288.3	287.3	285.9	285.4	284.6	284.5	284.8
147.5°	299.0	298.1	296.6	295.7	294.5	293.9	293.0	292.6	292.1	292.0	292.1
150°	301.8	301.3	300.5	299.9	299.1	298.8	298.3	298.1	297.8	297.8	297.9
152.5°	303.6	303.2	302.5	302.1	301.6	301.5	301.1	301.1	301.0	301.0	301.0
155°	304.2	304.0	303.8	303.7	303.5	304.0	303.8	304.2	304.2	304.5	304.7
157.5°	306.3	306.5	306.4	306.9	307.0	307.4	307.5	308.0	308.1	308.8	309.2
160°	309.9	310.1	310.1	310.5	310.7	310.9	311.2	311.6	312.0	312.4	312.8
162.5°	313.3	313.9	314.1	314.4	314.9	315.3	315.9	316.6	317.0	317.7	318.2
165°	319.5	319.6	319.7	319.8	320.2	320.5	320.8	321.4	321.6	322.3	323.0
167.5°	325.3	325.6	325.5	325.8	326.1	326.5	326.8	327.4	327.8	328.7	329.2
170°	332.7	332.7	332.7	332.7	332.7	333.1	333.3	333.4	333.5	334.1	334.4
172.5°	340.2	340.2	339.9	340.2	339.9	340.2	340.2	340.4	340.4	340.5	340.6
175°	344.9	345.3	345.4	345.7	345.6	345.7	345.8	345.9	346.0	346.3	346.3
177.5°	349.1	349.3	349.3	349.3	349.3	349.5	349.5	349.5	349.5	349.3	349.4
180°	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6



TEST NUMBER: P1444563  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L835-UPL15

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7
2.5°	50270.3	50245.0	50270.8	50244.7	50270.8	50239.5	50260.8	50226.8	50235.5	50200.3	50209.4
5°	52171.0	52131.0	52152.3	52100.2	52105.7	52036.1	52034.9	51953.9	51932.6	51840.4	51799.9
7.5°	53708.0	53695.0	53702.3	53668.9	53665.0	53617.5	53594.9	53527.9	53485.7	53401.0	53343.0
10°	53464.8	53503.9	53514.1	53554.0	53562.3	53601.9	53610.1	53649.7	53658.0	53687.2	53687.6
12.5°	51031.3	51164.3	51196.1	51360.5	51429.7	51617.7	51718.6	51925.8	52048.8	52255.5	52382.5
15°	46343.3	46573.5	46665.3	46986.1	47163.7	47538.3	47773.7	48203.9	48507.5	48964.4	49290.3
17.5°	39891.1	40212.8	40358.0	40793.2	41077.1	41630.0	42028.6	42684.5	43186.7	43915.7	44493.4
20°	32736.1	33093.7	33290.7	33787.2	34122.3	34768.3	35265.9	36072.0	36744.1	37667.8	38457.8
22.5°	25814.3	26154.5	26373.3	26878.4	27255.6	27929.4	28485.5	29336.3	30089.4	31130.3	32077.5
25°	19820.6	20132.2	20330.0	20786.9	21141.1	21760.3	22291.4	23109.6	23846.5	24890.6	25861.8
27.5°	15152.5	15413.7	15604.3	15993.8	16306.3	16831.4	17287.6	17963.8	18598.8	19502.1	20366.9
30°	11600.5	11832.0	12017.5	12356.7	12646.4	13101.6	13502.7	14070.7	14596.3	15315.1	16003.0
32.5°	8864.8	9064.0	9229.2	9526.2	9789.0	10199.0	10560.3	11058.2	11509.3	12118.9	12684.9
35°	6759.0	7151.1	7123.3	7533.0	7598.8	7893.0	8215.4	8650.8	9050.2	9568.6	10050.3
37.5°	5246.1	5356.4	5474.5	5655.5	5845.8	6113.6	6385.8	6917.9	7112.8	7504.6	7903.4
40°	4230.5	4304.9	4383.0	4505.3	4638.6	4827.2	5025.5	5279.3	5539.2	5856.9	6181.2
42.5°	3576.4	3618.6	3668.3	3740.2	3822.3	3941.9	4074.5	4246.6	4427.5	4651.1	4879.2
45°	3195.4	3175.3	3190.1	3228.7	3278.2	3350.9	3434.6	3541.2	3659.0	3803.7	3957.9
47.5°	2840.1	2848.2	2852.6	2873.6	2900.1	2948.8	2999.6	3072.0	3211.6	3254.1	3338.2
50°	2605.5	2609.3	2608.1	2618.8	2632.1	2663.8	2696.8	2745.7	2794.6	2859.4	2921.3
52.5°	2408.8	2414.4	2413.6	2420.6	2427.7	2447.8	2468.6	2503.2	2535.2	2576.4	2612.0
55°	2253.5	2261.1	2264.0	2269.9	2273.4	2283.8	2292.2	2308.7	2322.3	2345.7	2367.2
57.5°	2134.0	2144.4	2149.2	2151.2	2146.9	2146.4	2143.6	2147.1	2149.9	2162.4	2174.6
60°	2040.1	2048.3	2049.6	2048.3	2040.6	2035.0	2026.2	2023.5	2022.0	2028.1	2034.7
62.5°	1941.6	1944.6	1942.5	1940.1	1931.3	1926.0	1916.7	1913.4	1910.3	1914.5	1918.1
65°	1805.4	1808.1	1805.4	1804.0	1796.0	1791.9	1784.1	1781.5	1777.1	1778.2	1777.5
67.5°	1694.9	1697.4	1695.4	1693.3	1687.9	1685.3	1679.6	1675.9	1670.6	1668.5	1664.8
70°	1584.7	1586.7	1583.6	1581.5	1575.2	1572.8	1567.5	1566.4	1562.2	1561.3	1557.0
72.5°	1457.8	1458.0	1453.7	1452.3	1447.7	1447.5	1445.3	1447.4	1447.2	1449.4	1448.5
75°	1328.2	1326.3	1320.8	1319.8	1316.4	1318.0	1315.6	1318.8	1319.2	1323.9	1324.5
77.5°	1198.3	1191.5	1180.9	1176.0	1169.0	1168.1	1164.0	1166.7	1165.9	1171.4	1173.5
80°	1034.1	1025.9	1012.4	1006.0	997.6	996.4	992.7	996.4	994.5	1000.9	1005.6
82.5°	825.6	818.5	804.5	799.4	789.8	790.6	786.7	790.6	790.1	799.6	805.2
85°	610.7	605.9	591.6	578.9	564.7	556.5	548.3	546.9	544.4	548.3	551.6
87.5°	352.7	348.3	337.1	329.8	304.8	306.0	296.2	295.7	293.3	291.1	296.2
90°	46.0	51.8	49.5	54.6	53.0	59.1	58.2	63.9	61.8	66.9	65.9
92.5°	23.9	25.1	26.3	27.3	28.5	29.7	30.8	32.0	34.5	36.6	39.5
95°	31.2	32.5	33.8	35.2	36.6	37.8	39.2	40.5	44.2	47.8	51.5
97.5°	42.4	43.1	44.0	44.9	45.8	46.7	47.6	48.5	52.6	56.5	60.4
100°	53.0	53.7	54.4	55.2	55.9	56.5	57.3	58.0	65.9	73.5	81.1
102.5°	80.2	83.3	86.3	89.3	92.5	95.6	98.6	101.6	119.2	136.5	153.9
105°	143.7	151.9	160.5	168.7	177.1	185.3	193.8	202.1	230.1	257.8	286.0
107.5°	257.9	271.0	284.1	297.4	310.5	323.8	336.8	350.1	377.3	404.7	432.1
110°	389.1	401.8	414.2	426.9	439.3	452.0	464.6	477.5	494.0	510.4	527.1



TEST NUMBER: P1444563  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L835-UPL15

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	483.5	489.6	495.9	502.1	508.4	514.8	521.1	527.5	536.0	544.3	553.0
115°	513.0	513.4	514.2	514.7	515.5	516.0	517.0	517.8	521.0	524.0	527.1
117.5°	491.0	487.8	484.8	481.7	478.7	476.0	473.2	470.6	470.6	470.6	470.9
120°	445.2	440.9	436.6	432.3	428.5	424.5	420.9	417.2	415.9	414.4	413.3
122.5°	390.0	385.8	381.7	377.9	374.1	370.4	366.9	363.5	362.9	362.3	362.0
125°	339.1	335.9	332.6	329.5	326.8	324.0	321.4	319.0	320.0	320.8	322.2
127.5°	299.7	298.0	296.2	294.8	293.6	292.3	291.5	290.3	292.7	294.9	297.3
130°	274.8	274.4	274.3	273.9	274.4	274.5	274.8	275.1	278.4	281.1	284.4
132.5°	263.2	263.5	264.2	265.1	266.2	267.2	268.8	269.8	273.2	276.3	279.7
135°	260.1	260.9	262.3	263.3	265.1	266.5	268.5	270.0	273.5	276.3	279.8
137.5°	263.3	264.2	265.6	266.9	268.9	270.4	272.6	274.3	277.0	279.7	282.5
140°	269.7	270.3	271.9	273.1	274.6	276.1	278.1	279.5	282.2	284.3	286.5
142.5°	276.8	277.4	278.7	279.9	281.4	282.6	284.3	285.7	287.6	289.2	291.6
145°	285.7	286.2	287.5	288.3	289.5	290.7	292.0	293.3	294.9	296.0	297.6
147.5°	292.8	293.4	294.3	295.2	296.3	297.3	298.2	299.1	300.5	301.6	302.7
150°	298.4	298.9	299.6	300.1	301.2	301.9	303.0	303.6	304.7	305.4	306.7
152.5°	301.8	302.1	302.7	303.3	304.2	304.8	305.4	306.2	307.3	307.9	308.9
155°	305.2	306.0	306.7	307.3	308.1	308.5	309.5	310.0	311.0	311.6	312.6
157.5°	309.9	310.3	311.2	311.5	312.5	313.1	313.8	314.4	315.2	315.8	316.6
160°	313.7	314.5	315.1	315.9	316.8	317.4	318.2	319.0	319.8	320.4	321.0
162.5°	319.0	319.8	320.5	321.0	321.8	322.5	323.1	323.8	324.8	325.3	326.3
165°	323.8	324.4	325.4	325.9	327.0	327.7	328.4	329.3	329.8	330.5	331.0
167.5°	330.0	330.4	331.5	332.0	332.9	333.5	334.3	335.0	335.7	336.1	336.8
170°	335.1	335.7	336.4	336.9	337.5	338.0	338.9	339.4	340.1	340.6	341.5
172.5°	341.1	341.6	342.1	342.3	342.8	343.3	343.8	344.1	344.8	345.2	345.7
175°	346.3	346.3	346.4	346.6	346.8	346.8	347.0	347.4	347.6	347.7	347.9
177.5°	349.5	349.5	349.6	349.7	349.8	349.9	350.0	350.1	350.1	350.1	350.1
180°	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6



TEST NUMBER: P1444563  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L835-UPL15

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7
2.5°	50174.3	50176.4	50136.0	50133.7	50095.8	50091.1	50054.0	50042.9	50012.8	50002.0	49971.4
5°	51696.5	51647.2	51533.3	51466.3	51353.7	51279.1	51157.4	51077.8	50960.3	50871.6	50753.3
7.5°	53236.0	53159.5	53031.6	52928.0	52771.8	52647.1	52464.3	52314.6	52116.6	51945.3	51737.3
10°	53687.6	53675.9	53643.3	53595.8	53523.1	53441.4	53317.0	53187.3	53013.8	52825.4	52594.2
12.5°	52576.6	52696.5	52860.1	52957.1	53075.1	53126.8	53175.1	53163.0	53131.2	53035.9	52902.3
15°	49762.3	50099.3	50545.7	50891.7	51289.6	51578.9	51898.3	52097.4	52296.0	52387.6	52443.8
17.5°	45285.2	45923.5	46724.0	47387.3	48152.6	48767.3	49441.1	49948.4	50470.1	50843.8	51181.8
20°	39534.5	40459.3	41591.4	42591.4	43754.3	44764.8	45872.2	46781.4	47718.9	48451.9	49145.8
22.5°	33297.1	34395.3	35764.0	37031.7	38530.8	39878.1	41398.1	42721.2	44102.5	45256.5	46372.3
25°	27163.4	28367.9	29864.4	31278.9	32976.7	34543.8	36346.5	37995.3	39780.7	41330.8	42862.1
27.5°	21562.5	22745.1	24272.9	25778.6	27574.0	29243.7	31175.2	32991.9	35024.8	36899.5	38817.1
30°	16959.1	17962.1	19332.0	20790.4	22561.1	24260.4	26212.8	28081.3	30196.0	32242.9	34402.9
32.5°	13436.1	14200.3	15277.3	16510.5	18144.3	19761.8	21621.0	23424.7	25507.2	27574.8	29821.3
35°	10670.8	11266.8	12088.0	13050.3	14433.9	15828.2	17472.7	19112.9	21055.8	23017.8	25201.4
37.5°	8414.5	8898.1	9541.2	10264.1	11373.8	12518.2	13866.5	15226.3	16914.5	18653.7	20632.7
40°	6570.8	6962.4	7463.0	8002.2	8840.1	9721.9	10764.6	11819.1	13175.4	14596.9	16234.6
42.5°	5161.9	5450.7	5804.4	6198.4	6980.2	7448.3	8155.4	8918.1	9915.2	10947.1	12178.5
45°	4145.4	4342.5	4587.8	4852.0	5214.8	5612.0	6096.2	6604.1	7551.3	8015.9	8764.9
47.5°	3461.8	3594.2	3750.2	3916.7	4130.7	4361.6	4648.8	4942.5	5322.3	5715.9	6177.4
50°	3001.5	3135.9	3189.6	3275.9	3399.7	3531.6	3693.5	3855.4	4059.1	4265.6	4503.1
52.5°	2659.8	2703.6	2761.9	2816.7	2893.4	3043.6	3092.2	3176.9	3291.1	3402.8	3527.6
55°	2398.8	2427.3	2465.3	2498.4	2544.8	2589.1	2653.2	2709.5	2785.6	2853.0	2935.8
57.5°	2195.7	2213.9	2240.2	2261.9	2292.0	2317.0	2354.5	2385.1	2428.9	2466.9	2517.1
60°	2048.1	2060.2	2078.0	2092.1	2111.3	2124.3	2143.0	2157.3	2180.5	2199.8	2227.7
62.5°	1927.6	1933.9	1945.4	1953.8	1965.9	1972.5	1982.5	1988.7	2001.4	2011.2	2026.8
65°	1783.0	1784.5	1792.2	1795.7	1805.2	1808.7	1816.9	1819.8	1830.3	1837.4	1851.3
67.5°	1664.5	1661.2	1661.3	1658.6	1659.9	1657.2	1657.9	1654.9	1659.1	1661.3	1671.8
70°	1556.3	1551.7	1550.2	1545.3	1543.8	1538.6	1537.1	1532.6	1532.0	1530.5	1534.2
72.5°	1450.8	1449.6	1450.0	1446.5	1446.1	1442.6	1442.8	1440.6	1443.0	1444.1	1448.8
75°	1329.6	1330.0	1332.4	1329.3	1330.1	1327.2	1328.3	1325.6	1327.0	1326.4	1331.3
77.5°	1182.1	1185.6	1192.0	1190.7	1192.7	1189.4	1190.9	1187.0	1188.1	1185.6	1187.4
80°	1016.1	1023.4	1032.1	1031.7	1035.4	1033.0	1036.3	1032.6	1034.1	1029.6	1028.6
82.5°	819.0	825.2	834.5	834.8	842.9	844.4	853.4	853.1	858.8	855.1	852.5
85°	560.0	564.1	572.3	576.6	585.0	590.1	598.7	602.2	596.0	607.4	598.4
87.5°	292.3	303.2	297.2	311.3	308.0	322.4	319.2	332.5	330.0	341.3	339.9
90°	73.1	72.8	80.4	80.7	90.1	91.4	98.7	96.9	103.8	102.3	109.3
92.5°	41.6	44.4	46.9	49.5	51.9	54.5	52.1	49.7	47.5	45.3	42.9
95°	55.2	58.8	62.4	66.1	69.7	73.4	69.5	65.7	61.9	57.9	54.0
97.5°	64.4	68.3	72.2	76.1	80.3	84.2	79.5	74.9	70.3	65.8	61.2
100°	88.6	96.5	104.0	111.6	119.4	126.9	118.5	109.9	101.4	92.8	84.1
102.5°	171.6	189.1	206.5	224.1	241.4	259.0	240.9	222.9	204.5	186.4	168.0
105°	314.0	342.0	369.9	397.9	425.8	454.2	424.6	395.0	365.5	336.2	306.4
107.5°	459.5	486.7	514.4	541.6	569.1	596.7	566.9	536.9	507.2	477.2	447.2
110°	543.9	560.4	577.1	594.0	610.6	627.4	605.7	584.2	562.6	540.8	519.0



TEST NUMBER: P1444563  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L835-UPL15

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	561.5	570.4	578.9	587.8	596.3	605.1	589.8	574.7	559.3	544.1	528.6
115°	530.5	533.5	536.9	540.2	543.4	546.7	536.7	526.6	516.5	506.5	496.1
117.5°	471.2	471.7	471.7	472.6	472.5	473.0	467.7	462.5	457.1	451.6	446.2
120°	411.9	410.6	409.4	408.3	406.9	405.5	403.8	402.1	400.2	398.2	396.3
122.5°	361.4	361.2	360.6	360.1	359.4	358.9	358.7	358.8	358.4	358.3	357.8
125°	323.2	324.2	325.3	326.5	327.3	328.3	328.6	329.2	329.4	329.9	330.1
127.5°	299.2	301.6	303.6	305.8	307.7	309.9	310.5	311.5	312.2	313.0	313.7
130°	287.1	290.3	293.1	295.8	298.4	301.5	301.9	302.8	303.5	304.1	304.8
132.5°	282.9	286.0	289.1	292.5	295.2	298.3	298.8	299.7	300.0	301.0	301.5
135°	282.7	285.7	288.5	291.8	294.3	297.2	297.7	298.4	298.6	299.5	300.0
137.5°	284.8	287.7	290.1	292.6	294.8	297.3	297.7	298.4	298.5	299.4	299.8
140°	288.7	291.0	292.8	295.1	297.1	299.1	299.3	299.8	299.9	300.3	300.4
142.5°	293.3	295.1	296.6	298.5	300.0	301.7	301.5	301.5	301.6	301.6	301.5
145°	298.9	300.4	301.6	303.0	303.8	305.3	304.9	304.8	304.3	304.2	303.9
147.5°	303.7	304.8	305.5	306.7	307.2	308.3	307.9	307.5	307.2	306.7	306.1
150°	307.3	308.4	309.0	309.9	310.6	311.5	310.9	310.4	309.7	309.1	308.6
152.5°	309.7	310.5	311.2	311.7	312.4	313.1	312.3	312.0	311.2	310.5	309.8
155°	313.0	313.9	314.3	315.0	315.2	315.7	314.9	314.7	314.1	313.5	312.7
157.5°	317.1	317.8	318.4	318.7	319.1	319.7	319.3	319.0	318.4	318.0	317.5
160°	321.6	322.2	322.7	323.1	323.7	323.9	323.5	323.5	323.1	322.6	322.0
162.5°	326.8	327.5	327.9	328.4	329.1	329.6	329.2	328.8	328.4	328.0	327.3
165°	331.6	332.2	332.8	333.3	333.5	334.0	333.7	333.7	333.3	333.1	332.7
167.5°	337.2	337.9	338.3	338.9	339.1	339.4	339.1	339.3	338.8	338.6	338.1
170°	341.7	342.1	342.8	343.2	343.5	343.8	343.7	343.6	343.2	343.1	342.8
172.5°	346.2	346.5	346.6	347.1	347.2	347.6	347.4	347.1	346.9	346.5	346.3
175°	347.9	348.1	348.5	348.5	348.5	348.7	348.4	348.1	347.9	347.6	347.3
177.5°	350.1	350.1	350.1	349.9	349.9	349.9	349.7	349.5	349.4	349.2	348.9
180°	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6



TEST NUMBER: P1444563  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L835-UPL15

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7	49648.7
2.5°	49960.6	49938.8	49924.9	49907.0	49896.2	49882.4	49872.2	49863.6	49856.6	49850.2	49845.4
5°	50663.1	50551.4	50464.8	50370.9	50293.8	50216.9	50157.7	50108.5	50074.7	50049.3	50034.2
7.5°	51557.5	51353.1	51171.3	50980.0	50808.5	50639.8	50494.4	50369.1	50275.1	50214.1	50177.2
10°	52356.3	52082.7	51812.0	51527.2	51257.1	50995.0	50753.3	50540.6	50372.3	50260.4	50195.0
12.5°	52714.4	52481.3	52204.9	51895.6	51564.6	51229.7	50903.2	50608.8	50361.7	50196.0	50100.3
15°	52399.1	52303.4	52115.8	51875.8	51561.6	51215.3	50832.1	50471.7	50140.3	49925.5	49800.9
17.5°	51373.2	51506.8	51492.5	51400.6	51174.8	50883.3	50492.8	50088.1	49673.5	49386.3	49229.4
20°	49642.0	50062.0	50275.1	50384.4	50295.7	50106.7	49753.1	49342.3	48859.2	48484.1	48255.3
22.5°	47209.4	47950.7	48412.8	48750.8	48822.5	48758.1	48445.9	48055.3	47516.6	47065.9	46727.8
25°	44077.6	45163.7	45893.9	46466.3	46688.7	46746.1	46480.3	46091.9	45491.5	44966.3	44502.1
27.5°	40388.9	41800.2	42775.1	43544.2	43891.4	44041.9	43797.4	43401.1	42690.7	42063.9	41457.4
30°	36236.1	37910.5	39084.3	40006.5	40429.8	40628.6	40368.9	39926.4	39099.9	38345.5	37581.5
32.5°	31791.3	33623.6	34902.6	35904.2	36323.5	36510.7	36170.8	35674.0	34718.6	33829.9	32939.0
35°	27137.6	28987.1	30277.0	31251.8	31603.2	31716.1	31281.4	30707.2	29648.8	28673.3	27701.9
37.5°	22389.2	24109.9	25282.2	26157.1	26374.5	26394.1	25870.4	25236.1	24123.7	23161.9	22194.7
40°	17681.9	19132.9	20079.5	20779.7	20855.2	20787.9	20218.5	19580.2	18539.5	17677.8	16828.8
42.5°	13247.7	14343.1	15018.4	15498.3	15469.8	15336.8	14814.7	14266.0	13407.4	12751.1	12083.0
45°	9448.9	10171.2	10566.0	10846.9	10756.7	10629.9	10223.7	9839.0	9255.6	8831.7	8382.7
47.5°	6564.3	7426.8	7276.6	7825.7	7352.6	7665.0	7014.4	6655.8	6346.1	6120.9	5867.2
50°	4699.5	4897.1	4992.6	5057.7	5023.1	4975.1	4858.3	4753.8	4612.3	4509.2	4389.1
52.5°	3629.3	3728.1	3782.2	3821.4	3813.7	3796.2	3745.3	3698.7	3632.4	3588.9	3536.2
55°	3074.2	3075.6	3175.2	3132.5	3195.6	3121.6	3150.7	3068.8	3082.0	3011.7	2964.5
57.5°	2554.6	2595.0	2613.2	2630.9	2625.9	2622.8	2603.1	2593.2	2570.9	2564.1	2548.3
60°	2247.1	2268.2	2272.6	2280.7	2274.0	2271.3	2255.9	2250.4	2235.5	2232.7	2222.2
62.5°	2036.2	2047.1	2047.1	2047.1	2038.2	2029.7	2012.6	2003.6	1990.9	1988.2	1982.1
65°	1860.3	1871.5	1873.3	1875.7	1869.3	1862.6	1847.6	1837.8	1824.7	1819.8	1812.8
67.5°	1678.7	1690.6	1694.7	1700.7	1697.0	1695.8	1685.5	1681.6	1673.0	1670.9	1664.5
70°	1536.1	1541.0	1540.6	1540.4	1532.4	1525.2	1513.3	1507.6	1498.5	1496.7	1490.8
72.5°	1451.2	1454.7	1452.5	1449.4	1438.9	1428.3	1414.3	1403.9	1392.2	1384.8	1376.6
75°	1331.8	1336.4	1333.5	1331.5	1322.1	1315.1	1303.8	1298.1	1289.9	1287.5	1281.7
77.5°	1185.2	1187.4	1182.5	1182.1	1174.9	1170.4	1162.0	1160.5	1154.4	1154.6	1149.1
80°	1022.0	1020.6	1013.0	1011.5	1004.3	1002.5	995.8	996.2	991.4	993.5	989.6
82.5°	840.9	836.3	826.2	823.2	815.0	814.2	809.8	813.5	810.5	815.0	812.3
85°	602.6	603.9	599.5	599.5	597.1	597.9	597.5	600.2	600.6	604.7	604.5
87.5°	336.0	340.8	339.9	344.3	344.1	349.1	350.7	358.1	359.0	365.8	365.8
90°	107.7	115.5	113.7	121.6	121.3	129.3	130.3	138.4	138.4	145.3	144.0
92.5°	40.5	38.3	36.1	33.6	32.5	30.9	30.4	28.6	27.8	26.3	25.1
95°	50.0	46.2	42.2	38.3	36.9	35.4	34.1	32.8	31.4	30.1	28.8
97.5°	56.5	52.0	47.3	42.7	41.5	40.3	39.0	37.8	36.7	35.5	34.3
100°	75.4	66.8	58.4	49.5	48.6	47.6	46.6	45.7	44.6	43.4	42.5
102.5°	149.9	131.5	113.2	94.8	91.3	87.8	84.5	80.8	77.3	73.8	70.4
105°	276.8	247.2	217.5	187.7	178.3	168.8	159.4	149.9	140.4	131.0	121.6
107.5°	417.1	387.0	356.9	326.8	309.5	292.0	274.6	256.9	239.7	222.0	204.6
110°	497.3	475.5	453.6	431.5	417.8	403.7	389.7	375.6	361.7	347.4	333.4



TEST NUMBER: P1444563  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L835-UPL15

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	513.1	497.7	482.1	466.3	460.3	453.9	447.9	441.5	435.2	428.6	422.4
115°	485.9	475.6	465.2	454.7	452.8	450.7	448.8	446.5	444.6	442.2	440.0
117.5°	440.8	435.3	429.5	424.0	424.7	425.4	426.1	426.5	427.0	427.3	427.7
120°	394.2	392.2	390.4	388.1	390.7	392.9	395.3	397.3	399.5	401.2	403.2
122.5°	357.7	357.1	357.0	356.2	359.3	362.2	364.9	367.6	370.1	372.2	374.5
125°	330.5	330.6	330.9	330.9	334.1	337.0	339.9	342.4	345.1	347.2	349.5
127.5°	314.5	315.1	316.0	316.5	319.2	321.1	323.5	325.3	327.4	328.9	330.4
130°	305.4	305.9	306.7	307.3	309.6	311.7	314.2	315.8	317.6	318.9	320.4
132.5°	302.2	302.7	303.4	303.8	305.9	307.6	309.6	310.7	312.2	313.0	314.1
135°	300.7	301.0	301.6	301.9	303.9	305.8	307.4	308.6	310.2	310.9	311.7
137.5°	300.5	300.7	301.3	301.6	303.4	305.0	306.5	307.8	308.9	310.0	310.6
140°	301.0	300.9	301.6	301.6	303.3	304.7	306.2	307.2	308.5	309.0	309.8
142.5°	301.5	301.2	301.6	301.2	302.5	303.6	304.7	305.6	306.5	307.0	307.4
145°	303.6	303.0	303.0	302.5	303.6	304.4	305.3	306.2	306.7	307.0	307.4
147.5°	306.0	305.3	304.8	304.3	305.4	305.9	306.5	306.9	307.6	307.8	308.0
150°	308.0	307.1	306.3	305.6	306.2	306.6	307.0	307.6	307.8	307.9	308.0
152.5°	309.0	308.2	307.5	306.5	306.8	307.0	307.2	307.3	307.4	307.4	307.4
155°	312.1	311.2	310.5	309.5	309.9	309.9	309.9	309.9	309.6	309.4	309.3
157.5°	316.8	315.9	315.5	314.6	314.5	314.4	314.4	313.7	313.5	313.1	312.6
160°	321.7	320.9	320.5	319.7	319.5	319.2	319.1	318.4	318.1	317.6	317.1
162.5°	326.8	326.2	325.3	324.5	324.3	324.2	324.0	323.3	322.9	322.3	321.8
165°	332.4	331.7	331.3	330.5	330.3	330.0	329.8	329.0	328.7	327.9	327.3
167.5°	337.7	337.2	336.7	335.8	335.7	335.6	335.4	334.9	334.5	333.8	333.6
170°	342.4	341.8	341.5	340.9	340.6	340.4	340.0	339.7	339.1	338.8	338.2
172.5°	345.7	345.3	344.8	344.1	344.1	343.9	343.5	343.3	342.8	342.4	342.3
175°	346.8	346.6	346.0	345.7	345.5	345.3	345.2	345.0	344.6	344.4	344.0
177.5°	348.7	348.5	348.0	347.8	347.6	347.6	347.4	347.2	347.2	347.0	346.8
180°	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6	348.6



TEST NUMBER: P1444563  
CATALOG NUMBER: EHBR1-60-UNV-TA-L835-UPL15

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	49648.7	49648.7
2.5°	49841.0	49838.4
5°	50026.3	50023.3
7.5°	50167.2	50166.3
10°	50183.8	50192.4
12.5°	50083.7	50090.7
15°	49791.4	49804.9
17.5°	49232.3	49250.1
20°	48269.2	48287.8
22.5°	46709.6	46717.4
25°	44442.2	44410.0
27.5°	41350.8	41295.4
30°	37421.0	37367.5
32.5°	32735.8	32702.3
35°	27461.7	27440.5
37.5°	21909.0	21865.9
40°	16518.5	16392.9
42.5°	11790.4	11570.2
45°	8148.2	7887.2
47.5°	5688.3	5526.9
50°	4311.6	4259.5
52.5°	3513.2	3501.0
55°	2964.3	2959.0
57.5°	2551.7	2549.9
60°	2227.7	2227.2
62.5°	1986.2	1987.0
65°	1815.9	1816.3
67.5°	1666.2	1665.0
70°	1493.0	1491.8
72.5°	1373.8	1371.7
75°	1281.7	1280.5
77.5°	1150.7	1148.7
80°	992.1	989.6
82.5°	816.0	813.1
85°	608.7	608.8
87.5°	372.4	372.2
90°	150.5	148.2
92.5°	24.3	23.5
95°	27.4	26.1
97.5°	33.2	32.0
100°	41.5	40.5
102.5°	66.9	63.4
105°	112.1	102.7
107.5°	187.1	169.7
110°	319.3	305.2



TEST NUMBER: P1444563  
CATALOG NUMBER: EHBR1-60-UNV-TA-L835-UPL15

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	415.8	409.4
115°	437.3	435.0
117.5°	427.8	427.9
120°	404.6	406.4
122.5°	376.3	378.2
125°	351.3	353.2
127.5°	331.5	332.6
130°	320.9	322.0
132.5°	314.4	314.6
135°	311.9	312.2
137.5°	310.7	310.9
140°	309.7	309.9
142.5°	307.6	307.6
145°	307.5	307.4
147.5°	307.4	307.4
150°	307.7	307.5
152.5°	306.8	306.6
155°	308.7	308.3
157.5°	311.7	311.3
160°	316.3	315.8
162.5°	321.0	320.6
165°	326.5	325.7
167.5°	332.8	332.5
170°	337.6	337.2
172.5°	341.7	341.3
175°	343.8	343.6
177.5°	346.8	346.4
180°	348.6	348.6

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



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  
 R<sub>f</sub>: 80.1  
 R<sub>g</sub>: 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



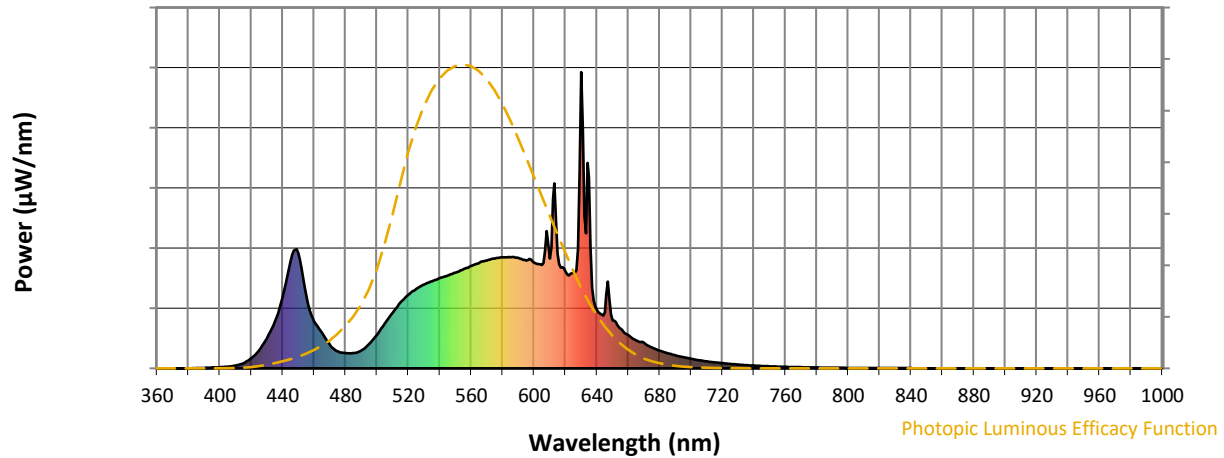
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-3

**Photopic Flux vs. Wavelength**



**Photopic Lumens: NR**

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



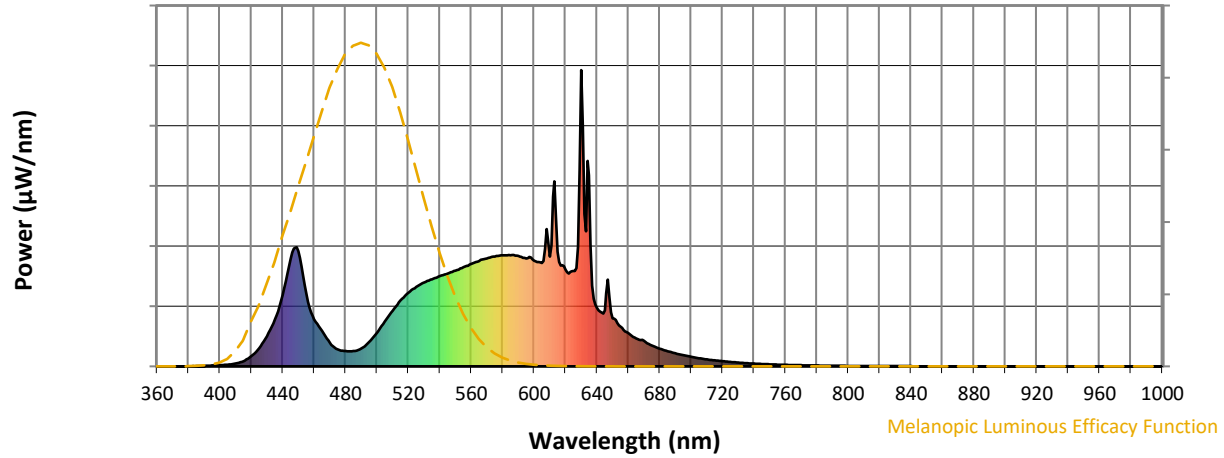
**Scotopic Lumens: NR**

**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**

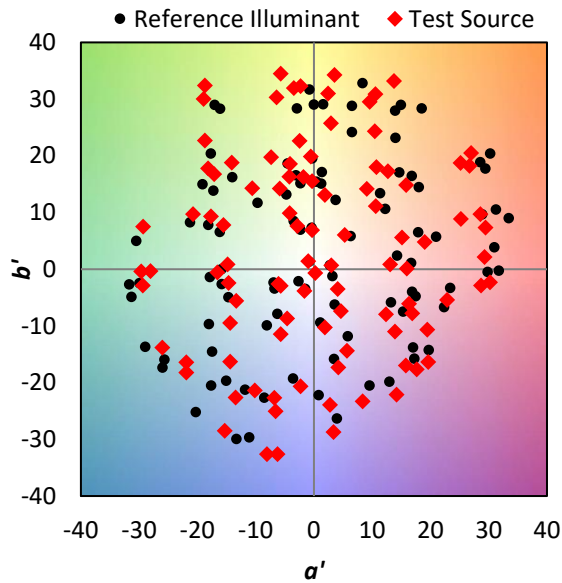
λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	60	NR	620	327	NR	750	7	NR	880	0	NR
365	0	NR	495	82	NR	625	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**

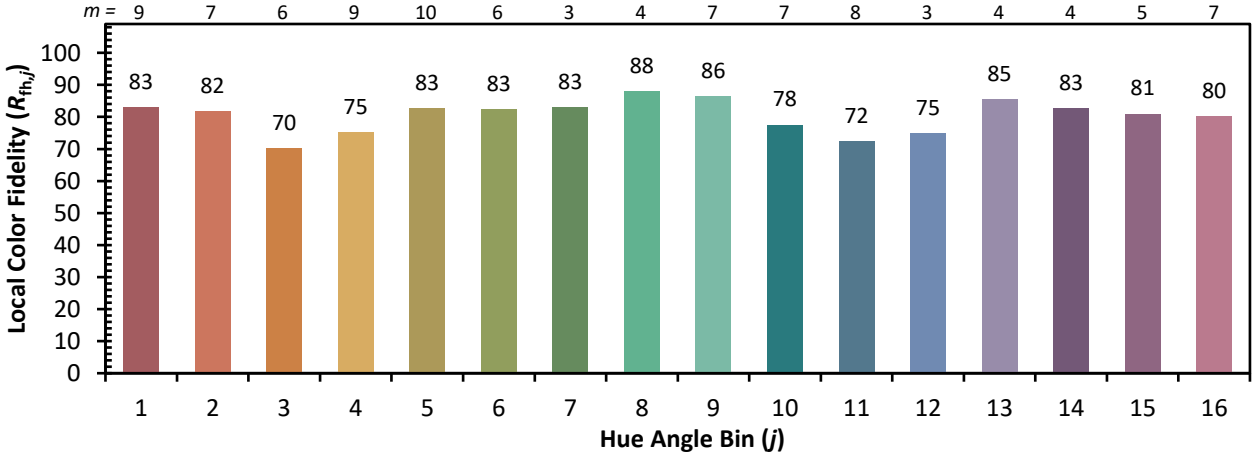


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

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)