

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: P1444548

Luminaire Tested: EHBR1-48-UNV-TA-L835-UPL18

Issue Date: 5/1/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1444548  
REPORT IS A COMBINATION OF REPORTS P1444324 AND P1431635  
Test Lab: INNOVATION CENTER  
Issue Date: 5/1/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: EHBR1-48-UNV-TA-L835-UPL18  
Description: Elevate Round Highbay at, 48000 lumens, 3500K 80CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

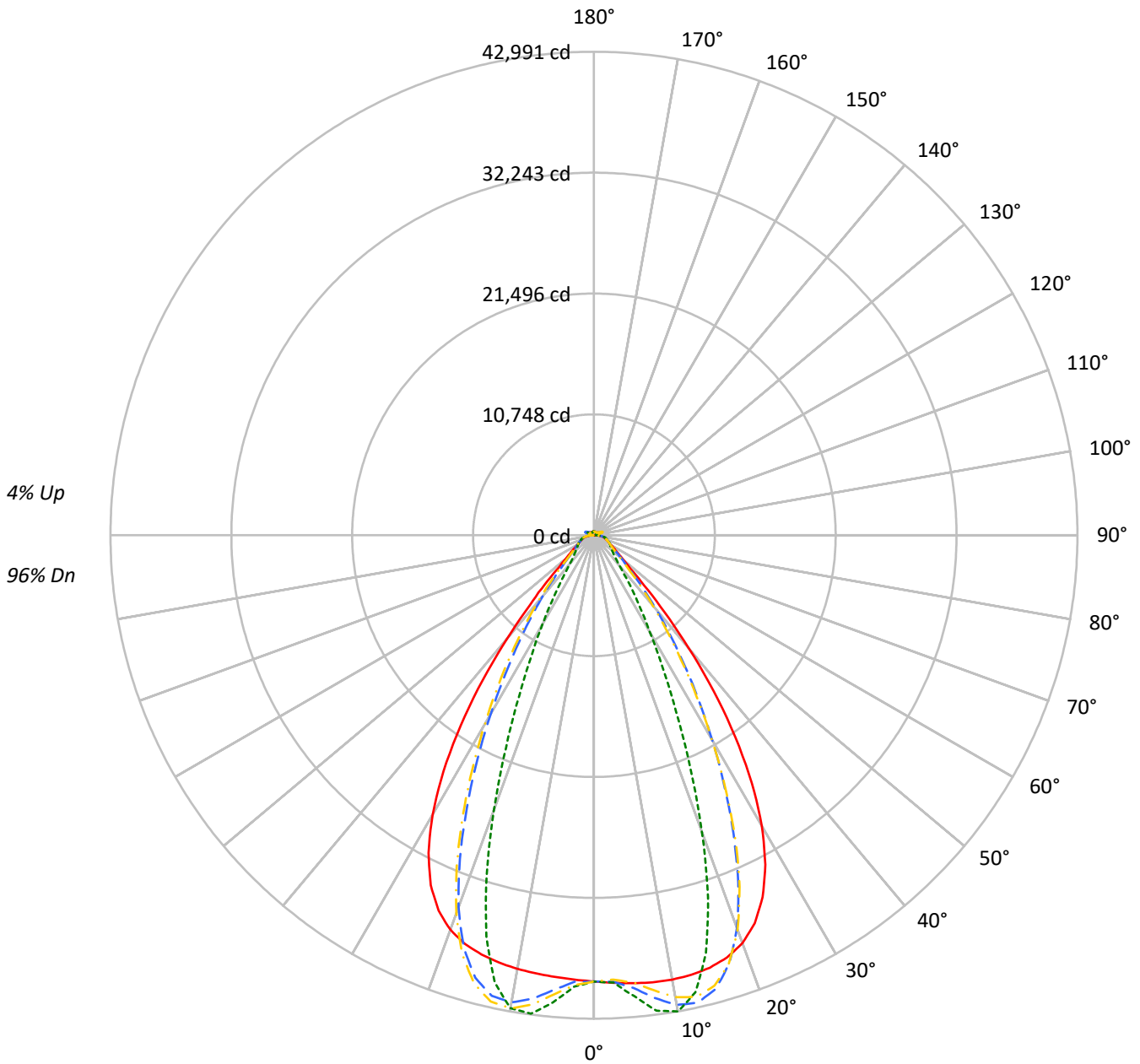
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 47733.4 lumens  
Efficiency: N/A  
Efficacy: 176.5 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): 270.5  
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: P1444548  
CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

### 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	103	103	103	98	98	98	98	98	98	96
1	111	107	104	102	108	105	102	100	100	98	96	95	94	92	91	90	89	89	89	89	86
2	104	98	93	89	101	96	92	88	92	88	85	88	85	83	85	83	80	80	80	80	78
3	98	90	84	80	95	88	83	79	85	81	77	82	78	75	79	76	73	73	73	73	71
4	92	83	77	72	90	82	76	71	79	74	70	76	72	69	74	70	67	67	67	67	65
5	87	77	70	65	85	76	70	65	74	68	64	71	67	63	69	65	62	62	62	62	60
6	82	72	65	60	80	71	64	60	69	63	59	67	62	58	65	61	57	57	57	57	56
7	77	67	60	55	76	66	60	55	64	59	55	63	58	54	61	57	53	53	53	53	52
8	73	63	56	51	72	62	56	51	60	55	51	59	54	50	58	53	50	50	50	50	48
9	69	59	52	48	68	58	52	48	57	51	47	56	51	47	54	50	46	46	46	46	45
10	66	55	49	45	65	55	49	45	54	48	44	52	47	44	51	47	44	44	44	44	42

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

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

**MAXIMUM LUMINANCE 45°-90°:**

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



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	3911.0	8.2
10°-20°	11001.9	23.0
20°-30°	12530.3	26.3
30°-40°	9006.2	18.9
40°-50°	4153.7	8.7
50°-60°	1987.7	4.2
60°-70°	1450.3	3.0
70°-80°	1101.8	2.3
80°-90°	504.3	1.1
90°-100°	63.3	0.1
100°-110°	323.6	0.7
110°-120°	597.0	1.3
120°-130°	375.8	0.8
130°-140°	255.3	0.5
140°-150°	200.3	0.4
150°-160°	146.7	0.3
160°-170°	92.0	0.2
170°-180°	32.2	0.1
0°-30°	27443.2	57.5
0°-40°	36449.5	76.4
0°-60°	42590.9	89.2
0°-90°	45647.3	95.6
90°-120°	983.8	2.1
90°-150°	1815.3	3.8
90°-180°	2086.0	4.4
0°-180°	47733.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	39684	39684	39684	39684	39684	
5°	39984	41149	39424	41688	39984	3821
15°	39809	38481	38597	36932	39809	11216
25°	35497	17258	34324	15658	35497	16091
35°	21933	5981	20672	5298	21933	13461
45°	6304	2577	6200	2534	6304	5362
55°	2365	1811	2278	1795	2365	2183
65°	1452	1492	1396	1441	1452	1450
75°	1024	1118	968	1069	1024	1064
85°	487	583	393	499	487	457
90°	123	158	29	38	123	78
95°	29	31	29	32	29	27
105°	120	152	83	152	120	158
115°	525	627	550	628	525	486
125°	410	415	462	416	410	373
135°	343	290	368	294	343	267
145°	322	300	341	306	322	203
155°	314	308	331	313	314	146
165°	323	319	334	322	323	92
175°	337	339	342	340	337	32
180°	341	341	341	341	341	



TEST NUMBER: P1444548  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39835.8	39832.5	39831.9	39829.2	39828.4	39828.4	39827.1	39823.9	39821.8	39817.3	39812.1
5°	39983.6	39981.8	39982.9	39983.2	39980.4	39974.1	39964.5	39952.5	39937.5	39923.4	39910.7
7.5°	40097.9	40100.7	40104.2	40103.4	40094.8	40080.2	40060.3	40049.2	40055.8	40077.4	40126.9
10°	40118.7	40135.8	40142.4	40140.3	40123.0	40110.5	40115.3	40157.4	40241.1	40352.7	40505.4
12.5°	40037.4	40058.3	40057.5	40050.6	40033.9	40050.9	40111.8	40237.0	40416.4	40636.6	40894.8
15°	39809.0	39836.1	39828.4	39819.4	39808.2	39864.3	39985.9	40203.3	40480.4	40790.9	41108.7
17.5°	39365.5	39398.2	39382.3	39372.2	39362.8	39467.8	39676.8	39995.0	40344.1	40695.3	40996.5
20°	38596.4	38618.3	38580.5	38562.7	38577.7	38783.5	39091.3	39497.8	39865.6	40197.7	40403.6
22.5°	37341.0	37368.3	37297.2	37289.0	37376.7	37692.7	38082.2	38536.7	38882.3	39145.5	39224.8
25°	35496.7	35523.6	35439.1	35489.6	35638.7	36069.2	36533.1	37019.1	37314.0	37509.1	37455.2
27.5°	33007.4	33031.9	32951.8	33054.7	33290.6	33856.1	34402.1	34929.4	35192.2	35328.8	35155.7
30°	29867.8	29918.5	29824.0	29967.7	30327.6	31061.9	31687.4	32278.7	32540.7	32644.7	32375.2
32.5°	26138.9	26211.1	26106.8	26320.6	26822.8	27705.0	28415.5	29076.1	29366.0	29484.7	29180.4
35°	21933.2	22036.7	21917.1	22238.0	22857.3	23839.7	24626.5	25364.1	25707.3	25875.7	25569.0
37.5°	17477.4	17576.1	17511.3	17939.5	18619.6	19637.8	20441.0	21236.6	21624.3	21876.9	21635.0
40°	13102.9	13193.1	13242.1	13731.8	14371.3	15331.1	16102.4	16889.7	17323.4	17640.4	17491.3
42.5°	9248.0	9339.1	9505.6	9978.0	10511.4	11305.8	11966.6	12673.4	13087.6	13425.8	13368.3
45°	6304.2	6410.0	6618.4	7005.3	7391.0	7961.0	8446.2	8995.9	9334.3	9644.1	9647.7
47.5°	4417.7	4492.0	4678.3	4942.4	5194.0	5907.4	5936.7	6206.8	6434.3	6665.8	6695.8
50°	3404.6	3449.3	3548.1	3695.4	3837.9	4023.1	4192.6	4388.4	4528.4	4655.3	4685.6
52.5°	2798.4	2826.7	2877.1	2956.8	3039.5	3140.2	3231.0	3338.4	3414.6	3482.6	3496.8
55°	2365.1	2388.7	2463.5	2478.6	2573.2	2591.4	2631.7	2697.2	2741.5	2782.2	2792.3
57.5°	2038.1	2055.2	2071.1	2105.0	2134.2	2176.5	2210.6	2257.6	2285.5	2315.0	2317.5
60°	1780.2	1792.5	1803.9	1827.4	1847.2	1876.7	1900.2	1932.1	1952.1	1974.1	1976.7
62.5°	1588.2	1597.1	1604.6	1620.1	1634.3	1657.0	1675.6	1702.3	1720.9	1737.9	1741.8
65°	1451.8	1458.2	1463.1	1474.9	1487.2	1506.5	1523.4	1545.2	1558.9	1571.9	1574.8
67.5°	1330.9	1337.0	1342.1	1352.8	1361.3	1375.7	1387.0	1403.4	1413.7	1424.1	1424.4
70°	1192.3	1198.1	1201.8	1211.9	1218.8	1231.1	1240.2	1255.0	1265.5	1277.2	1280.1
72.5°	1096.4	1099.8	1105.0	1114.1	1123.7	1136.9	1149.1	1164.4	1177.2	1189.2	1194.4
75°	1023.5	1027.5	1030.8	1038.7	1045.3	1056.4	1065.5	1079.5	1090.7	1103.6	1109.9
77.5°	918.2	922.8	925.7	933.5	939.2	949.9	956.7	969.2	978.3	990.1	995.8
80°	790.9	795.2	797.3	804.7	809.2	819.0	825.6	837.8	845.4	857.1	864.0
82.5°	649.9	654.0	655.2	662.2	664.7	672.7	677.6	689.9	699.3	714.6	725.2
85°	486.7	488.1	490.5	488.7	498.6	499.2	510.3	512.4	527.1	531.0	547.7
87.5°	297.6	301.9	304.2	311.0	313.9	320.7	322.7	329.9	333.8	342.1	346.0
90°	123.0	129.6	131.7	139.5	141.4	148.4	149.9	157.7	159.7	167.7	170.6
92.5°	25.5	27.0	28.3	30.1	31.5	33.8	35.8	37.4	39.0	41.2	44.3
95°	28.6	30.3	31.9	33.5	35.2	36.9	38.6	40.2	41.9	43.5	48.2
97.5°	35.5	36.9	38.4	39.8	41.2	42.7	44.1	45.5	46.9	48.2	53.9
100°	45.4	46.6	47.8	49.1	50.2	51.5	52.7	53.9	55.1	56.3	66.9
102.5°	72.9	77.2	81.5	85.8	90.1	94.3	98.7	102.9	107.2	111.5	134.0
105°	120.5	132.1	144.0	155.4	167.2	178.9	190.6	202.0	213.7	225.3	262.2
107.5°	202.4	223.9	245.5	267.2	288.8	310.3	331.9	353.5	375.0	396.3	433.7
110°	368.6	385.8	403.3	420.5	437.8	455.1	472.5	489.5	506.9	524.1	551.3



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 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	495.7	503.3	511.1	518.9	526.7	534.3	542.0	549.7	557.5	565.0	584.4
115°	524.9	527.5	530.2	532.6	535.4	537.8	540.4	542.9	545.4	547.7	560.8
117.5°	513.3	512.6	511.9	511.3	510.3	509.6	508.8	507.9	506.9	506.0	513.3
120°	483.5	480.6	478.1	475.2	472.6	469.6	466.9	464.1	461.1	458.0	461.0
122.5°	445.1	441.9	438.9	435.4	432.2	428.6	425.4	421.5	418.2	414.7	415.4
125°	410.1	406.9	403.8	400.4	396.8	393.2	389.7	386.1	382.5	378.6	378.7
127.5°	380.7	378.3	375.9	373.1	370.5	367.7	365.0	361.9	359.2	356.0	355.8
130°	363.3	361.2	358.9	356.3	353.9	351.1	348.4	345.6	343.0	339.9	339.6
132.5°	350.1	348.6	346.7	344.8	342.8	340.2	338.2	335.6	333.4	331.1	330.6
135°	342.9	341.1	339.7	337.7	335.8	333.4	331.1	328.8	326.7	324.1	324.0
137.5°	337.1	335.6	334.1	332.2	330.3	327.9	326.0	323.7	321.5	319.1	318.8
140°	332.1	330.7	329.2	327.2	325.6	323.7	321.5	319.4	317.3	314.9	314.8
142.5°	325.6	324.2	323.1	321.4	320.1	318.0	316.4	314.3	312.5	310.5	310.7
145°	322.3	321.2	320.2	318.8	317.3	315.5	313.9	312.0	310.5	308.6	308.8
147.5°	319.5	318.5	317.7	316.5	315.3	313.7	312.3	310.6	309.2	307.7	308.0
150°	317.1	316.3	315.5	314.4	313.1	311.7	310.4	308.9	307.5	306.0	306.3
152.5°	314.0	313.1	312.3	311.2	310.2	308.5	307.7	306.1	304.8	303.4	303.7
155°	313.5	312.6	311.6	310.7	309.5	308.3	307.1	305.8	304.7	303.3	303.4
157.5°	314.5	313.6	312.9	311.7	311.1	309.8	308.8	307.8	306.8	305.7	305.6
160°	317.1	316.2	315.4	314.4	313.4	312.2	311.3	310.2	309.5	308.3	308.3
162.5°	319.8	318.8	317.9	317.0	316.2	314.9	314.2	313.3	312.4	311.3	311.3
165°	323.2	322.6	321.9	321.1	320.4	319.7	318.9	318.0	317.4	316.4	316.4
167.5°	328.6	327.8	327.2	326.5	325.6	324.8	324.0	323.2	322.6	321.6	321.6
170°	332.1	331.3	330.9	330.4	329.9	329.3	328.8	328.2	327.6	327.1	327.1
172.5°	335.3	334.7	334.4	334.1	333.5	333.3	332.8	332.4	332.1	331.5	331.8
175°	336.8	336.4	336.3	336.0	335.7	335.4	335.2	334.9	334.9	334.5	334.5
177.5°	339.5	339.3	339.3	339.2	339.2	339.0	338.9	338.6	338.4	338.4	338.5
180°	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4



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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39808.2	39803.4	39796.8	39788.4	39781.2	39772.9	39753.0	39747.1	39753.7	39758.1	39767.2
5°	39902.8	39905.6	39906.7	39924.7	39940.3	39979.3	40284.6	40405.9	40499.8	40559.4	40649.8
7.5°	40188.0	40279.8	40370.5	40492.6	40597.9	40740.1	41274.3	41501.7	41663.3	41779.5	41922.4
10°	40671.3	40871.6	41059.4	41279.4	41468.6	41685.2	42182.5	42404.0	42543.8	42645.6	42740.7
12.5°	41158.1	41435.9	41687.0	41931.9	42136.6	42324.4	42499.2	42576.8	42583.4	42586.6	42536.2
15°	41411.7	41677.3	41898.5	42060.4	42180.7	42233.9	41932.9	41774.9	41575.4	41410.9	41140.4
17.5°	41251.6	41410.9	41506.5	41497.1	41447.4	41280.9	40428.2	39959.1	39493.5	39074.0	38523.7
20°	40540.2	40528.0	40444.9	40209.5	39925.8	39484.6	38022.6	37179.1	36363.7	35647.4	34778.4
22.5°	39216.7	39008.5	38718.1	38210.4	37646.4	36875.6	34780.6	33539.8	32404.5	31401.6	30278.1
25°	37299.1	36870.6	36335.1	35529.1	34652.6	33528.3	30946.2	29402.9	28039.9	26857.6	25561.3
27.5°	34844.8	34199.5	33414.7	32299.1	31111.6	29671.3	26808.5	25105.4	23642.2	22374.7	20995.0
30°	31939.2	31099.9	30086.5	28701.9	27269.6	25636.1	22732.6	21007.5	19526.4	18222.5	16841.7
32.5°	28655.7	27672.6	26485.1	24931.2	23382.1	21702.5	18898.5	17228.7	15813.8	14559.4	13309.8
35°	25034.0	23979.9	22723.5	21138.5	19598.8	17965.8	15392.9	13887.3	12637.9	11529.2	10520.1
37.5°	21149.3	20114.2	18920.1	17426.2	15998.4	14518.7	12298.7	11037.0	9988.5	9068.3	8289.1
40°	17110.1	16204.3	15171.2	13879.7	12661.2	11428.8	9606.4	8605.0	7777.6	7075.7	6491.9
42.5°	13120.5	12418.5	11626.2	10605.7	9673.2	8734.9	7332.3	6590.2	5977.4	5472.1	5059.4
45°	9519.3	9049.8	8518.4	7808.9	7163.7	6509.2	5510.8	4989.5	4590.4	4264.6	3989.1
47.5°	6654.5	6382.1	6365.6	5709.9	5236.7	4836.6	4193.4	3864.0	3619.5	3422.1	3247.6
50°	4673.3	4541.5	4377.8	4143.8	3924.2	3698.0	3306.2	3107.1	2963.8	2844.3	2733.9
52.5°	3493.6	3425.2	3338.0	3213.9	3094.8	2967.6	2719.7	2593.0	2547.9	2436.6	2349.2
55°	2790.5	2751.2	2701.6	2628.6	2556.3	2527.3	2314.8	2220.6	2161.1	2117.2	2070.2
57.5°	2317.9	2288.6	2259.2	2209.8	2167.9	2117.2	2004.3	1956.1	1920.6	1894.7	1862.3
60°	1977.2	1959.6	1943.1	1914.1	1891.5	1864.2	1792.5	1765.3	1746.8	1731.3	1710.5
62.5°	1745.0	1736.1	1727.6	1712.1	1700.6	1685.8	1636.8	1623.7	1614.4	1606.7	1594.0
65°	1577.5	1571.1	1566.3	1556.0	1550.3	1541.6	1499.6	1490.8	1485.0	1482.3	1474.9
67.5°	1425.3	1418.6	1415.5	1408.1	1405.8	1400.3	1365.9	1361.1	1359.1	1360.0	1357.4
70°	1282.9	1280.1	1281.6	1280.4	1283.7	1284.6	1263.8	1263.7	1265.8	1270.3	1270.7
72.5°	1197.6	1197.6	1199.2	1200.0	1203.1	1204.6	1187.2	1186.3	1187.3	1190.6	1190.7
75°	1116.4	1117.8	1122.1	1123.7	1127.3	1128.1	1105.1	1102.5	1102.7	1105.7	1104.7
77.5°	1004.0	1008.9	1017.3	1021.7	1028.8	1030.1	1004.3	1001.3	1001.4	1004.5	1001.9
80°	876.5	885.8	899.2	908.4	919.4	923.8	897.3	891.0	885.1	884.2	879.0
82.5°	741.1	752.4	768.4	776.9	788.5	791.1	746.8	738.5	733.4	733.9	729.1
85°	565.8	574.3	588.9	593.6	600.8	600.2	549.6	528.0	533.8	524.8	531.8
87.5°	354.9	359.9	369.0	370.2	373.6	372.8	321.9	311.9	309.0	309.1	305.4
90°	179.0	182.6	190.7	191.1	196.5	196.1	155.0	150.5	146.7	148.4	143.3
92.5°	47.7	50.6	53.8	56.9	60.1	63.3	61.8	63.5	60.8	57.4	54.9
95°	53.0	57.9	62.7	67.7	72.5	77.4	82.2	87.1	82.5	78.0	73.4
97.5°	59.6	65.4	71.1	76.8	82.5	88.3	94.1	99.8	94.9	89.8	84.9
100°	77.7	88.3	98.9	109.6	120.2	130.9	141.7	152.3	142.9	133.2	123.9
102.5°	156.5	179.3	202.0	224.5	247.2	269.9	292.7	315.5	293.9	272.1	250.4
105°	298.9	335.7	372.3	408.9	445.5	482.3	519.5	556.2	521.7	486.9	452.4
107.5°	470.8	508.2	545.1	582.3	619.5	656.6	694.5	731.8	697.9	664.0	630.3
110°	578.5	605.3	632.5	659.4	686.4	713.4	741.5	768.5	748.2	727.7	707.2



TEST NUMBER: P1444548  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	603.4	622.8	642.1	661.0	680.1	699.4	719.8	739.3	728.9	718.2	708.0
115°	573.4	586.4	599.0	611.8	624.6	637.2	651.6	664.9	661.1	657.4	653.9
117.5°	520.1	527.0	534.0	541.0	547.6	554.5	563.5	570.8	570.8	570.9	571.0
120°	463.5	466.2	468.7	471.4	473.9	476.3	481.4	484.5	486.7	488.8	491.0
122.5°	416.1	416.7	417.2	417.8	418.4	418.9	422.4	423.6	424.8	426.1	427.3
125°	378.7	378.7	378.6	378.6	378.2	378.3	381.6	382.0	381.5	381.0	380.4
127.5°	355.1	354.6	354.0	353.4	352.6	352.2	355.0	355.1	353.2	351.4	349.5
130°	339.2	338.7	338.2	337.8	337.4	336.9	340.2	340.7	338.0	335.0	332.3
132.5°	330.2	329.9	329.3	329.2	328.8	328.3	332.0	332.6	329.7	326.3	323.3
135°	323.5	323.4	323.0	322.6	322.3	322.3	326.4	327.1	324.2	321.0	318.0
137.5°	318.2	318.1	317.8	317.7	317.4	317.3	321.9	322.8	320.4	317.6	315.2
140°	314.6	314.4	314.4	314.4	314.3	314.4	319.5	320.6	318.6	316.4	314.3
142.5°	310.4	310.8	311.0	311.3	311.4	311.9	317.6	319.1	317.6	315.7	314.3
145°	308.9	309.5	309.8	310.3	310.7	311.4	317.8	319.8	318.7	317.4	316.1
147.5°	307.8	308.2	308.6	309.0	309.4	310.4	317.3	319.2	318.5	317.5	316.6
150°	306.4	306.9	307.2	307.8	308.5	309.3	317.2	319.5	318.8	318.1	317.4
152.5°	303.8	304.2	304.5	304.9	305.4	306.2	315.9	318.6	318.1	317.3	316.8
155°	303.5	303.7	303.8	304.2	304.4	305.1	315.8	318.6	318.1	317.6	317.1
157.5°	305.5	305.4	305.3	305.5	305.7	305.9	317.3	320.4	319.8	319.4	318.9
160°	308.0	308.0	307.9	307.9	307.8	307.9	319.7	322.6	322.3	321.7	321.2
162.5°	311.2	311.6	311.4	311.4	311.4	311.8	323.6	326.9	326.2	325.7	325.1
165°	316.3	316.0	315.9	316.0	315.9	315.9	327.1	329.9	329.6	329.0	328.5
167.5°	321.4	321.5	321.3	321.4	321.4	321.7	332.0	334.7	334.4	333.7	333.5
170°	327.0	327.1	327.0	327.1	327.2	327.5	336.2	338.4	338.2	337.5	337.1
172.5°	331.8	332.1	332.2	332.4	332.5	332.9	340.1	342.3	342.0	341.6	341.0
175°	334.7	334.7	335.0	335.3	335.5	335.7	341.5	343.0	342.8	342.5	342.2
177.5°	338.8	338.8	339.0	339.3	339.5	339.7	343.1	344.1	343.9	343.9	343.8
180°	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4



TEST NUMBER: P1444548  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39769.3	39783.2	39785.3	39801.7	39800.3	39819.7	39816.7	39832.5	39823.3	39836.4	39825.3
5°	40703.3	40788.0	40832.4	40915.0	40941.1	41015.1	41036.1	41103.6	41106.4	41159.9	41147.7
7.5°	42023.9	42148.8	42222.9	42325.1	42376.9	42462.1	42499.5	42562.5	42582.8	42632.8	42636.6
10°	42812.5	42873.1	42915.5	42944.0	42970.1	42982.3	42996.5	42992.7	42996.5	42990.9	43003.1
12.5°	42502.3	42413.8	42355.2	42244.4	42180.1	42057.6	41997.5	41879.6	41836.9	41735.7	41721.1
15°	40931.5	40622.9	40404.9	40087.9	39888.5	39576.6	39394.1	39112.7	38984.2	38760.5	38701.8
17.5°	38068.3	37495.5	37052.2	36483.6	36089.1	35557.6	35223.5	34783.6	34542.7	34187.9	34065.2
20°	34054.1	33206.7	32541.8	31749.7	31183.0	30476.7	30024.6	29454.3	29123.3	28687.7	28511.0
22.5°	29341.4	28286.3	27456.0	26520.3	25836.4	25049.4	24507.7	23890.8	23530.6	23057.3	22847.6
25°	24484.0	23320.5	22397.4	21411.4	20688.9	19900.0	19358.2	18752.1	18379.4	17930.1	17721.8
27.5°	19838.4	18660.6	17768.5	16851.9	16189.1	15477.2	14988.3	14459.2	14128.3	13744.9	13548.9
30°	15738.7	14699.9	13940.7	13180.0	12628.6	12050.5	11644.3	11205.7	10915.5	10587.1	10400.5
32.5°	12398.6	11596.7	11002.2	10398.6	9947.3	9464.2	9113.2	8726.2	8464.3	8171.0	8002.0
35°	9819.5	9196.4	8722.2	8225.4	7837.7	7426.2	7116.9	6782.9	6547.8	6295.4	6149.4
37.5°	7758.4	7262.9	6872.8	6460.1	6141.7	5800.8	5685.9	5302.6	5059.1	4857.6	4718.0
40°	6088.8	5694.9	5372.0	5056.4	4796.7	4538.1	4330.6	4125.8	3968.7	3824.5	3724.8
42.5°	4754.9	4469.5	4233.7	4002.5	3813.0	3624.6	3474.3	3333.3	3227.4	3133.1	3068.8
45°	3780.0	3583.6	3419.8	3257.0	3123.2	2997.5	2896.4	2806.3	2737.9	2681.3	2641.1
47.5°	3105.3	2970.9	2855.3	2745.5	2654.7	2572.3	2504.5	2482.4	2408.9	2359.4	2340.6
50°	2639.1	2558.0	2470.1	2389.0	2328.4	2268.1	2224.2	2181.1	2153.6	2130.8	2123.9
52.5°	2291.1	2229.1	2180.2	2128.9	2088.9	2046.0	2015.6	1986.9	1971.8	1959.9	1958.4
55°	2032.4	1989.0	1956.7	1922.3	1898.3	1873.1	1857.4	1842.3	1835.6	1829.6	1830.1
57.5°	1836.7	1807.7	1786.6	1764.3	1751.3	1739.3	1735.3	1731.5	1733.6	1734.5	1737.9
60°	1694.0	1675.2	1661.9	1649.1	1643.7	1639.9	1642.8	1646.2	1653.1	1658.7	1663.7
62.5°	1584.7	1574.0	1567.5	1560.6	1560.0	1560.3	1566.2	1571.9	1580.6	1587.1	1591.9
65°	1472.2	1466.1	1463.9	1459.6	1461.8	1463.1	1470.1	1474.6	1483.2	1488.4	1494.6
67.5°	1358.5	1357.1	1358.3	1358.3	1362.3	1365.7	1372.5	1377.5	1384.8	1389.6	1394.6
70°	1274.6	1275.1	1278.3	1278.8	1283.1	1285.4	1291.3	1294.5	1301.1	1305.1	1311.1
72.5°	1192.9	1191.6	1192.3	1190.4	1191.9	1191.3	1194.6	1196.1	1201.7	1204.9	1212.2
75°	1105.9	1102.4	1101.4	1097.5	1097.6	1094.8	1096.2	1096.0	1099.6	1101.1	1106.4
77.5°	1000.9	994.8	991.8	985.2	985.1	982.6	985.2	986.9	993.4	996.4	1002.5
80°	875.4	865.7	861.3	853.7	854.9	854.5	860.9	865.9	873.7	875.3	882.8
82.5°	727.6	717.7	713.1	705.5	707.2	707.4	713.3	714.3	721.2	724.2	733.0
85°	521.0	524.8	514.3	515.1	512.8	517.0	521.0	525.9	531.6	541.2	548.6
87.5°	306.8	305.4	309.1	309.6	314.9	317.6	326.2	331.0	340.6	348.1	361.7
90°	143.3	138.2	140.9	139.0	143.9	142.1	146.7	144.1	149.6	149.9	157.1
92.5°	51.2	48.7	45.1	42.3	38.9	36.4	34.3	33.4	31.5	30.6	28.6
95°	68.8	64.4	59.8	55.3	50.8	46.3	44.6	43.0	41.3	39.7	37.9
97.5°	80.1	75.1	70.3	65.3	60.4	55.6	54.5	53.3	52.3	51.2	50.0
100°	114.3	104.9	95.5	86.1	76.7	67.3	66.4	65.5	64.7	63.8	62.8
102.5°	228.8	207.0	185.5	163.9	142.3	120.6	116.8	113.2	109.4	105.6	101.9
105°	417.7	383.0	348.5	313.9	279.3	244.8	234.6	224.0	213.7	203.4	193.2
107.5°	596.4	562.5	528.8	495.1	461.4	427.7	411.4	395.1	378.6	362.3	346.2
110°	686.5	666.1	646.0	625.3	605.1	584.9	569.2	553.7	537.9	522.3	506.9



TEST NUMBER: P1444548  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	697.4	687.1	676.5	666.3	656.0	645.7	638.1	630.4	622.8	615.0	607.3
115°	650.1	646.5	643.0	639.6	636.2	632.6	631.8	631.2	630.4	629.8	629.2
117.5°	571.0	571.3	571.3	571.6	571.8	572.1	575.9	579.5	583.4	587.4	591.6
120°	493.1	495.3	497.3	499.6	501.9	504.3	509.1	514.4	519.4	524.9	530.2
122.5°	428.5	429.7	430.8	432.3	433.6	435.1	439.7	444.8	449.7	454.8	460.3
125°	379.5	378.9	378.3	377.5	376.9	376.6	380.3	384.2	388.2	392.5	396.5
127.5°	347.5	345.4	343.3	341.6	339.5	337.7	339.6	341.6	343.5	345.9	348.0
130°	329.3	326.5	323.3	320.6	317.4	314.6	314.9	315.4	315.7	316.3	316.9
132.5°	320.0	316.7	313.4	310.1	306.7	303.5	302.6	301.8	301.1	300.6	300.1
135°	314.8	311.9	308.5	305.3	302.0	299.0	297.7	296.2	295.0	293.8	292.6
137.5°	312.6	310.0	307.3	304.8	301.8	299.3	297.5	296.0	294.3	293.1	291.7
140°	312.0	309.9	307.5	305.3	302.9	300.9	299.2	298.1	296.4	295.3	294.1
142.5°	312.2	310.6	308.7	307.1	305.2	303.5	302.0	300.7	299.3	298.3	296.9
145°	314.7	313.6	312.1	310.9	309.4	308.2	306.8	305.8	304.7	303.7	302.8
147.5°	315.6	314.6	313.7	312.5	311.4	310.5	309.4	308.8	307.7	307.1	306.2
150°	316.4	315.4	314.4	313.8	312.6	311.8	311.1	310.4	309.6	309.2	308.5
152.5°	315.7	314.9	314.2	313.5	312.5	311.6	311.0	310.5	309.9	309.4	308.7
155°	316.4	315.8	315.0	314.4	313.6	313.1	312.4	311.6	311.1	310.5	309.8
157.5°	318.3	317.7	317.0	316.6	315.7	315.1	314.5	314.0	313.2	312.7	312.0
160°	320.7	320.3	319.5	318.9	318.3	317.7	316.9	316.4	315.5	315.0	314.1
162.5°	324.4	323.7	323.1	322.4	321.6	321.0	320.4	319.8	319.1	318.5	317.8
165°	327.9	327.3	326.8	326.2	325.7	325.1	324.3	323.8	322.9	322.3	321.5
167.5°	332.9	332.5	331.9	331.4	330.7	330.2	329.6	328.9	328.2	327.5	326.6
170°	336.7	335.9	335.5	334.8	334.3	333.6	333.1	332.4	331.7	331.3	330.3
172.5°	340.6	340.3	339.8	339.4	338.7	338.3	337.9	337.4	336.8	336.4	335.9
175°	342.1	341.9	341.8	341.3	341.2	340.9	340.6	340.4	340.1	340.0	339.6
177.5°	343.8	343.6	343.6	343.3	343.2	343.2	343.0	342.9	342.6	342.3	342.2
180°	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4



TEST NUMBER: P1444548  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39836.8	39826.7	39831.5	39812.8	39817.3	39794.8	39792.6	39767.2	39764.7	39740.8	39731.7
5°	41185.6	41163.4	41188.4	41149.4	41157.1	41106.4	41102.1	41036.5	41013.9	40931.7	40896.4
7.5°	42667.9	42659.6	42674.8	42642.3	42641.2	42595.9	42577.2	42518.4	42481.9	42395.8	42340.7
10°	42992.7	43000.3	42987.8	42990.9	42973.3	42968.4	42950.3	42938.9	42909.3	42887.0	42854.0
12.5°	41644.2	41652.3	41600.8	41633.5	41607.7	41667.9	41663.0	41733.9	41744.8	41834.5	41868.5
15°	38527.6	38517.9	38419.2	38481.3	38448.0	38580.0	38609.6	38787.2	38882.3	39110.4	39250.5
17.5°	33819.4	33794.0	33654.9	33730.7	33692.2	33886.9	33952.2	34236.3	34413.6	34781.2	35043.0
20°	28207.0	28158.4	27995.7	28084.4	28044.7	28265.9	28359.2	28702.5	28931.1	29417.9	29764.2
22.5°	22525.0	22448.1	22288.8	22371.6	22334.0	22563.3	22684.6	23029.2	23291.0	23790.7	24195.0
25°	17422.5	17354.0	17200.0	17258.0	17244.0	17437.8	17545.8	17871.7	18129.0	18605.0	18991.0
27.5°	13288.5	13217.3	13078.1	13119.2	13105.0	13270.2	13371.9	13644.2	13865.6	14266.3	14605.2
30°	10170.4	10084.4	9966.4	9989.1	9979.4	10113.2	10208.3	10437.6	10627.3	10966.0	11258.0
32.5°	7795.6	7709.2	7600.8	7611.4	7597.1	7702.1	7780.3	7979.8	8145.1	8433.1	8687.2
35°	5964.7	6065.8	5834.3	5980.9	5828.3	6052.4	5971.8	6096.4	6238.6	6481.2	6693.2
37.5°	4585.4	4515.0	4455.5	4449.1	4448.8	4500.8	4562.1	4682.1	4807.4	4988.2	5175.0
40°	3633.7	3584.3	3545.8	3543.0	3545.8	3582.7	3628.0	3710.9	3802.8	3932.6	4069.8
42.5°	3013.9	2981.0	2957.8	2956.2	2963.5	2989.7	3021.2	3070.5	3130.2	3214.3	3308.4
45°	2608.5	2590.2	2577.3	2576.6	2580.0	2593.6	2611.8	2642.5	2680.3	2732.8	2792.3
47.5°	2324.1	2319.6	2311.6	2311.9	2308.2	2313.8	2315.8	2333.0	2353.2	2392.7	2470.6
50°	2117.0	2117.0	2111.3	2111.1	2105.8	2105.5	2101.1	2107.9	2117.3	2141.8	2166.7
52.5°	1953.3	1952.7	1946.7	1945.5	1939.9	1939.6	1935.7	1938.5	1939.7	1952.1	1967.0
55°	1825.3	1821.5	1813.6	1811.1	1808.8	1812.1	1810.7	1810.8	1809.1	1814.4	1818.7
57.5°	1733.6	1728.5	1721.1	1718.8	1718.3	1722.0	1722.2	1720.9	1714.0	1709.3	1702.7
60°	1660.9	1655.9	1647.8	1645.7	1646.9	1652.2	1651.9	1647.5	1637.2	1628.3	1617.8
62.5°	1589.6	1587.6	1583.4	1582.8	1581.7	1582.7	1579.0	1574.3	1564.1	1554.6	1543.2
65°	1493.8	1494.9	1491.8	1492.2	1488.6	1488.0	1482.4	1477.8	1467.5	1458.8	1447.3
67.5°	1394.4	1395.2	1392.7	1392.7	1390.7	1391.0	1387.6	1383.4	1374.7	1367.6	1358.6
70°	1312.5	1314.5	1313.1	1313.5	1311.1	1310.2	1305.0	1300.8	1291.9	1286.0	1278.0
72.5°	1214.4	1218.8	1218.6	1219.7	1216.2	1214.4	1208.0	1202.9	1194.9	1190.1	1183.6
75°	1108.5	1114.2	1115.8	1118.4	1113.3	1110.7	1103.8	1099.6	1093.1	1090.2	1086.0
77.5°	1005.1	1011.4	1017.4	1023.0	1015.0	1007.7	999.1	992.5	983.0	979.4	972.7
80°	889.0	900.2	913.6	924.8	910.3	895.5	881.3	870.7	858.2	853.1	844.8
82.5°	737.6	749.0	756.7	763.9	753.8	743.0	729.2	719.9	706.4	701.4	691.8
85°	560.3	574.6	579.2	583.0	576.5	570.8	557.8	540.4	531.8	518.5	511.6
87.5°	368.6	377.1	378.7	380.0	376.1	373.3	364.9	356.6	342.1	331.5	318.5
90°	155.9	160.9	156.8	158.2	153.9	155.1	147.6	145.5	134.3	130.6	120.8
92.5°	27.4	25.7	24.3	22.8	24.9	25.8	27.7	28.6	30.5	31.5	33.4
95°	36.3	34.6	33.0	31.3	32.7	33.9	35.3	36.7	37.9	39.3	40.6
97.5°	49.0	47.9	46.7	45.7	46.4	47.2	48.0	48.8	49.5	50.2	51.2
100°	62.0	61.1	60.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
102.5°	98.1	94.3	90.7	86.9	89.4	91.9	94.4	97.0	99.6	102.1	104.8
105°	183.0	172.7	162.4	152.1	162.0	172.0	181.9	191.9	201.8	212.1	221.9
107.5°	329.7	313.5	297.2	281.0	299.3	317.5	335.5	353.6	371.8	389.9	408.2
110°	491.4	476.0	460.5	445.1	464.3	483.5	502.7	521.8	541.2	560.4	579.9



TEST NUMBER: P1444548  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	599.7	592.2	584.7	577.2	589.6	601.9	614.4	627.0	639.4	651.9	664.3
115°	628.6	628.1	627.7	627.2	633.1	639.0	644.8	650.8	656.8	662.6	668.7
117.5°	595.4	599.4	603.7	607.9	609.7	611.6	613.7	615.5	617.7	619.7	621.8
120°	535.6	540.9	546.5	552.1	551.3	550.6	549.9	549.1	548.9	548.2	548.1
122.5°	465.6	470.9	476.6	482.1	480.4	478.8	477.2	475.8	474.4	473.1	471.9
125°	401.0	405.4	410.0	414.6	413.0	411.3	409.8	408.6	407.2	405.9	404.9
127.5°	350.7	353.4	355.9	358.8	358.0	357.2	356.9	356.2	356.0	355.9	355.8
130°	317.7	318.6	320.0	320.9	321.1	321.3	322.1	322.6	323.4	324.0	325.1
132.5°	300.1	299.8	299.9	300.0	300.9	301.7	303.0	304.2	305.9	307.2	309.3
135°	292.0	291.3	290.7	290.3	291.7	292.7	294.5	296.1	298.1	300.2	302.4
137.5°	290.7	289.7	288.9	288.1	289.4	290.7	292.3	294.0	295.9	298.0	300.4
140°	293.2	292.1	291.7	290.9	292.2	293.3	295.0	296.6	298.5	300.6	302.8
142.5°	296.1	295.1	294.5	294.0	295.0	296.1	297.8	299.1	301.0	302.6	304.8
145°	301.9	301.2	300.8	300.2	300.9	301.7	302.8	304.0	305.4	306.6	308.3
147.5°	305.6	305.0	304.8	304.3	304.9	305.5	306.3	307.0	308.0	309.0	310.3
150°	308.3	307.8	307.4	307.2	307.6	307.8	308.4	308.6	309.4	310.0	311.1
152.5°	308.5	307.9	307.9	307.5	307.7	307.9	308.3	308.6	309.2	309.6	310.6
155°	309.5	309.0	308.5	308.1	308.0	308.0	308.2	308.1	308.5	308.6	308.9
157.5°	311.7	311.2	310.9	310.3	310.1	309.7	309.7	309.5	309.7	309.3	309.4
160°	313.7	312.9	312.3	311.7	311.6	311.2	311.4	311.1	311.1	311.0	311.2
162.5°	317.4	316.8	316.4	315.8	315.5	314.8	314.5	314.0	313.7	313.4	313.3
165°	320.8	320.0	319.5	318.6	318.4	318.1	317.8	317.6	317.4	317.0	317.0
167.5°	326.2	325.4	324.8	324.1	323.8	323.1	322.8	322.3	321.8	321.4	321.3
170°	330.0	329.3	328.9	328.4	328.1	327.6	327.5	327.1	327.0	326.8	326.8
172.5°	335.4	334.9	334.5	334.1	333.8	333.5	333.4	333.3	333.0	333.0	332.8
175°	339.4	339.1	339.0	338.7	338.4	338.3	338.0	337.9	337.8	337.5	337.3
177.5°	341.8	341.5	341.4	341.3	341.1	341.1	341.1	341.1	341.1	341.0	340.8
180°	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4



TEST NUMBER: P1444548  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39706.0	39695.6	39668.1	39654.6	39629.2	39616.4	39596.5	39583.7	39567.7	39555.8	39549.5
5°	40806.2	40755.4	40653.7	40591.0	40481.2	40408.7	40299.6	40219.7	40107.0	40023.9	39917.4
7.5°	42237.4	42159.6	42029.3	41930.4	41776.7	41659.2	41486.7	41348.7	41158.1	40999.8	40805.1
10°	42820.2	42774.7	42716.2	42652.6	42567.5	42484.0	42366.2	42246.2	42086.2	41927.0	41719.1
12.5°	41959.0	42001.7	42086.2	42125.5	42190.1	42212.0	42241.6	42227.7	42201.6	42136.6	42042.3
15°	39519.7	39698.4	39980.7	40176.1	40449.7	40642.0	40896.4	41060.0	41248.5	41361.2	41468.2
17.5°	35507.2	35852.9	36351.2	36748.7	37282.4	37716.3	38247.9	38665.6	39147.9	39517.9	39911.8
20°	30367.8	30851.9	31539.7	32123.9	32897.3	33553.0	34393.1	35096.9	35917.8	36602.2	37340.8
22.5°	24836.5	25405.9	26194.0	26898.7	27822.2	28646.9	29699.6	30630.1	31739.9	32734.2	33833.9
25°	19618.3	20176.3	20979.3	21708.8	22705.7	23614.3	24764.3	25831.8	27119.7	28320.8	29699.6
27.5°	15143.5	15639.1	16344.9	17001.6	17914.7	18806.7	19973.7	21112.0	22486.3	23777.0	25262.9
30°	11695.1	12097.2	12662.7	13190.9	13923.9	14653.5	15692.9	16745.7	18113.2	19450.7	20974.0
32.5°	9063.3	9406.1	9878.2	10307.1	10871.9	11421.9	12187.4	13028.7	14228.2	15509.4	16982.3
35°	7016.0	7309.3	7711.1	8080.5	8545.0	8981.7	9552.9	10153.4	11068.8	12146.4	13464.6
37.5°	5593.5	5713.1	5999.9	6302.5	6688.3	7047.2	7494.0	7938.0	8593.0	9443.2	10520.1
40°	4253.8	4443.7	4677.1	4915.5	5207.6	5495.4	5985.7	6221.7	6652.9	7263.2	8099.0
42.5°	3432.3	3565.8	3730.1	3895.8	4099.4	4299.9	4547.8	4800.4	5122.7	5536.1	6130.6
45°	2872.2	2959.3	3065.2	3175.6	3309.3	3446.1	3612.1	3785.5	4003.9	4258.1	4619.2
47.5°	2498.0	2546.1	2615.3	2690.7	2782.3	2877.1	2985.0	3095.5	3231.3	3381.9	3587.6
50°	2206.0	2246.1	2299.8	2350.3	2413.5	2510.5	2553.4	2614.4	2696.0	2784.7	2899.7
52.5°	1994.6	2021.4	2055.1	2084.0	2124.1	2160.4	2208.0	2250.1	2306.5	2359.8	2434.0
55°	1830.1	1839.8	1858.9	1877.6	1905.2	1930.0	1962.7	1990.2	2026.2	2058.1	2104.9
57.5°	1702.9	1703.8	1712.6	1722.3	1740.2	1755.8	1778.3	1796.3	1821.3	1841.7	1869.7
60°	1611.6	1606.8	1608.5	1611.9	1622.0	1632.1	1646.5	1658.2	1674.0	1685.5	1701.2
62.5°	1535.6	1527.9	1526.2	1525.3	1530.4	1533.9	1541.8	1547.5	1556.5	1561.5	1569.9
65°	1439.6	1430.6	1427.1	1422.9	1424.4	1423.2	1426.2	1426.3	1430.9	1431.9	1436.8
67.5°	1352.5	1345.0	1340.4	1334.9	1332.4	1328.4	1326.6	1322.8	1322.2	1319.0	1318.2
70°	1273.1	1265.7	1261.9	1256.7	1254.1	1248.8	1245.6	1239.1	1235.3	1229.3	1225.9
72.5°	1181.2	1177.0	1175.9	1172.4	1171.4	1168.5	1167.1	1162.6	1160.0	1154.8	1151.9
75°	1085.1	1081.7	1081.4	1077.9	1077.6	1074.0	1073.2	1068.3	1065.8	1060.7	1058.5
77.5°	970.7	965.6	964.2	960.1	961.1	959.3	960.8	957.1	955.6	950.4	948.8
80°	841.8	835.4	832.7	827.3	828.7	826.3	828.7	828.4	830.4	826.3	825.5
82.5°	689.2	682.1	680.8	677.0	679.5	679.8	685.2	682.3	683.5	679.6	681.3
85°	501.5	496.3	488.9	487.8	483.2	488.0	481.7	486.0	479.0	483.8	477.4
87.5°	311.0	300.0	294.3	286.5	283.5	276.1	272.9	267.5	269.2	266.6	268.1
90°	119.1	110.3	109.2	102.4	102.6	96.9	98.4	94.6	97.1	93.1	95.8
92.5°	34.3	35.8	38.3	41.4	43.7	46.3	49.0	52.0	54.3	57.3	59.6
95°	41.9	43.2	46.7	50.3	53.8	57.4	61.0	64.6	68.1	71.7	75.1
97.5°	52.0	52.7	56.2	59.8	63.3	66.9	70.4	74.3	77.8	81.4	84.8
100°	59.3	59.4	69.5	79.5	89.6	99.9	109.9	119.9	130.3	140.3	150.4
102.5°	107.3	109.9	135.3	160.8	186.2	211.6	237.2	262.8	288.2	313.9	339.4
105°	231.9	241.9	280.7	319.7	358.4	397.3	436.2	475.3	514.1	553.1	592.0
107.5°	426.3	444.6	479.8	514.9	549.9	585.2	620.5	655.7	690.8	726.1	761.5
110°	599.1	618.5	642.0	665.7	689.4	713.1	736.7	760.5	784.3	808.1	832.0



TEST NUMBER: P1444548  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	676.7	689.4	703.2	717.2	731.1	745.1	758.9	773.0	787.1	801.3	815.3
115°	675.0	681.1	686.5	692.2	697.7	703.5	709.1	715.0	721.0	726.7	732.6
117.5°	624.0	626.4	627.3	628.6	629.8	631.3	632.5	634.0	635.6	637.1	638.4
120°	547.6	547.3	546.8	546.4	545.9	545.6	545.4	545.1	545.1	544.9	544.7
122.5°	470.7	469.8	469.3	469.0	468.8	468.8	468.6	468.9	468.9	468.9	468.8
125°	403.8	403.1	404.5	405.9	407.4	409.0	410.4	412.4	414.0	415.7	417.5
127.5°	355.6	355.9	358.6	361.4	364.2	367.1	370.1	373.2	376.0	379.3	382.1
130°	326.2	327.4	330.7	334.4	337.7	341.4	345.1	349.0	352.3	355.9	359.5
132.5°	310.9	313.1	316.2	319.8	323.2	326.8	330.3	333.9	337.5	341.2	344.5
135°	304.7	307.3	310.3	313.7	316.9	320.3	323.6	327.1	330.1	333.5	336.7
137.5°	302.5	305.0	307.9	310.6	313.2	316.3	319.0	321.9	324.5	327.4	330.1
140°	304.9	307.5	309.2	311.3	313.1	315.1	316.9	319.0	320.6	322.8	324.4
142.5°	306.6	309.0	310.1	311.6	313.0	314.8	316.2	317.7	318.9	320.3	321.4
145°	309.8	311.6	312.2	313.0	313.7	314.4	314.9	315.8	316.2	316.8	317.3
147.5°	311.5	312.9	313.1	313.6	314.1	314.3	314.6	315.0	315.1	315.5	315.8
150°	311.7	312.8	312.6	312.9	312.7	312.9	312.7	313.0	312.8	313.0	312.8
152.5°	311.1	311.9	311.4	311.6	311.2	311.2	310.9	310.9	310.6	310.5	310.4
155°	309.1	309.4	309.2	309.1	308.9	308.8	308.5	308.8	308.7	308.6	308.7
157.5°	309.3	309.3	309.2	309.1	308.8	308.9	308.7	308.7	308.8	309.2	309.4
160°	310.9	311.0	310.7	310.6	310.5	310.4	310.2	310.4	310.5	311.0	311.2
162.5°	312.8	312.7	312.4	312.3	312.2	312.3	312.2	312.6	312.6	313.0	313.3
165°	317.0	317.1	316.6	316.6	316.4	316.3	316.2	316.3	316.6	316.7	317.0
167.5°	321.0	320.9	320.9	321.1	321.1	321.2	321.4	322.0	322.1	322.7	322.9
170°	326.7	326.8	326.6	326.6	326.4	326.5	326.5	326.6	326.7	326.9	326.9
172.5°	332.8	332.8	332.6	332.3	332.1	332.1	331.8	331.9	331.7	331.5	331.3
175°	337.1	337.0	336.9	336.8	336.7	336.5	336.3	335.9	335.8	335.7	335.6
177.5°	340.7	340.4	340.2	340.2	340.1	339.9	339.9	339.9	339.9	339.9	339.6
180°	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4



TEST NUMBER: P1444548  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39541.6	39541.2	39537.3	39539.1	39539.9	39542.7	39546.1	39549.5	39550.3	39553.0	39553.6
5°	39837.5	39739.7	39667.4	39587.8	39527.9	39474.1	39438.2	39409.7	39398.7	39401.5	39408.1
7.5°	40640.0	40438.0	40271.4	40082.0	39924.0	39756.8	39618.1	39486.3	39390.2	39318.7	39278.6
10°	41520.5	41274.6	41039.3	40765.2	40505.1	40227.6	39976.2	39723.1	39512.0	39328.8	39194.2
12.5°	41911.3	41737.4	41534.1	41275.3	40997.1	40676.8	40353.5	40006.8	39684.4	39385.1	39143.8
15°	41497.5	41497.8	41423.7	41299.6	41106.4	40850.4	40542.3	40181.0	39800.6	39412.4	39057.9
17.5°	40184.2	40432.0	40569.8	40657.0	40630.3	40535.9	40339.9	40062.4	39707.8	39294.3	38861.7
20°	37928.8	38513.2	38930.0	39304.7	39514.7	39654.3	39640.3	39527.3	39274.9	38923.3	38472.7
22.5°	34769.3	35750.3	36524.4	37246.2	37752.5	38164.3	38360.0	38443.1	38328.7	38083.8	37660.6
25°	30931.9	32265.7	33403.9	34508.6	35337.2	36049.3	36477.3	36778.9	36802.8	36674.8	36297.3
27.5°	26667.8	28242.2	29682.8	31150.9	32316.2	33339.9	34011.7	34503.3	34659.5	34638.9	34296.1
30°	22409.1	24061.9	25649.8	27361.8	28803.7	30111.7	30999.0	31663.9	31920.1	31969.3	31639.5
32.5°	18387.2	20017.0	21600.6	23390.3	24977.1	26476.2	27524.5	28314.3	28612.2	28682.4	28320.8
35°	14737.2	16240.8	17745.7	19480.3	21057.9	22610.2	23714.8	24541.7	24820.0	24866.9	24448.1
37.5°	11571.8	12853.0	14164.3	15720.6	17169.5	18627.3	19676.8	20453.8	20656.6	20644.1	20170.1
40°	8906.6	9902.6	10956.3	12237.6	13442.1	14674.4	15560.8	16203.1	16309.6	16230.8	15733.0
42.5°	6697.4	7416.6	8180.6	9137.0	10030.7	10953.0	11597.8	12074.8	12089.9	11965.2	11518.4
45°	4989.5	5691.3	6011.6	6589.9	7165.6	7778.9	8172.6	8467.2	8421.6	8311.9	7972.3
47.5°	3803.6	4073.4	4359.4	4718.0	5053.3	5749.3	5697.7	6170.8	5830.0	6062.4	5550.9
50°	3020.5	3171.2	3325.3	3515.6	3690.9	3872.8	3986.4	4071.3	4060.3	4023.8	3925.9
52.5°	2569.7	2616.3	2692.2	2800.5	2898.2	2996.6	3061.4	3114.0	3115.0	3100.4	3050.7
55°	2147.7	2206.9	2261.4	2332.1	2452.7	2471.2	2564.0	2545.2	2552.4	2526.7	2553.1
57.5°	1893.6	1928.0	1958.7	2000.8	2035.6	2076.2	2100.2	2123.3	2121.1	2116.1	2090.8
60°	1713.5	1732.5	1749.6	1774.1	1793.3	1816.2	1827.2	1839.0	1835.2	1826.7	1804.2
62.5°	1574.8	1586.6	1596.4	1612.2	1623.8	1638.1	1643.9	1648.8	1643.9	1635.7	1615.9
65°	1437.8	1445.4	1451.6	1463.5	1471.8	1484.0	1488.9	1493.5	1488.9	1482.6	1467.5
67.5°	1314.2	1315.0	1314.4	1319.3	1321.8	1329.2	1331.3	1334.7	1329.4	1323.9	1311.1
70°	1220.6	1218.6	1216.3	1218.2	1218.6	1222.2	1222.8	1222.2	1215.9	1206.4	1192.4
72.5°	1147.4	1146.3	1144.5	1146.2	1146.2	1149.4	1148.3	1146.8	1138.9	1129.8	1116.0
75°	1053.2	1052.4	1048.9	1049.0	1046.1	1047.2	1043.3	1041.2	1032.5	1024.8	1012.5
77.5°	943.1	941.3	936.2	934.2	928.6	926.3	919.1	915.5	906.7	900.5	889.9
80°	820.1	818.2	811.6	807.9	799.1	793.4	782.9	776.9	766.7	760.7	750.4
82.5°	677.9	678.6	671.9	667.4	654.8	645.1	630.9	623.3	612.1	606.2	595.6
85°	482.1	475.2	478.9	478.6	470.7	462.2	450.8	442.7	433.3	427.7	420.2
87.5°	264.4	266.1	264.1	262.6	256.9	252.7	243.7	239.0	232.1	228.7	223.1
90°	88.1	87.2	79.9	79.0	71.9	68.7	60.5	58.3	50.8	49.4	44.2
92.5°	56.6	53.7	51.0	47.7	45.1	42.1	39.1	36.2	33.2	31.9	31.1
95°	70.9	66.7	62.4	58.1	53.8	49.5	45.3	40.9	36.7	35.8	34.9
97.5°	79.9	74.8	69.7	64.9	59.7	54.7	49.7	44.6	39.6	39.0	38.5
100°	138.8	127.2	115.6	103.8	92.2	80.5	69.0	57.3	45.8	45.1	44.4
102.5°	311.0	282.8	254.5	226.3	198.3	169.9	141.6	113.3	85.0	81.0	76.9
105°	549.2	506.3	463.9	421.0	378.2	335.4	292.7	249.8	207.0	193.3	179.5
107.5°	721.4	681.1	641.2	601.1	560.8	520.8	480.6	440.3	400.1	375.8	351.8
110°	800.2	768.3	736.8	705.0	673.2	641.4	609.6	577.7	545.9	525.1	504.6



TEST NUMBER: P1444548  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	792.2	769.1	746.2	722.9	699.9	676.5	653.4	630.2	606.8	594.4	581.9
115°	719.1	705.3	691.6	677.9	664.2	650.4	636.7	622.6	608.6	602.2	595.8
117.5°	632.0	625.1	618.5	611.7	605.0	598.1	591.3	584.3	577.4	575.5	573.4
120°	543.6	541.9	540.1	538.4	536.8	535.1	533.3	531.4	529.5	530.3	531.1
122.5°	470.6	471.9	473.6	474.7	476.4	477.5	479.2	480.2	481.5	483.8	486.2
125°	420.3	423.0	425.9	428.6	431.2	433.9	436.7	439.1	442.0	444.1	446.7
127.5°	385.4	388.4	391.6	394.5	397.7	400.7	403.7	406.6	409.6	411.8	414.3
130°	362.5	365.2	368.2	370.8	373.6	376.3	379.0	381.8	384.6	386.6	388.7
132.5°	347.1	349.7	352.5	354.8	357.5	359.9	362.6	365.1	367.9	369.5	371.4
135°	339.0	340.8	343.1	345.0	347.4	349.3	351.5	353.7	356.0	357.4	359.1
137.5°	331.9	333.6	335.6	337.2	339.3	341.0	343.1	344.9	347.2	348.2	349.7
140°	326.3	328.0	329.9	331.7	333.6	335.4	337.7	339.7	341.9	343.1	344.4
142.5°	323.1	324.3	325.9	327.3	329.1	330.5	332.4	334.2	336.2	337.4	338.7
145°	318.9	320.5	322.1	323.7	325.3	327.1	329.2	331.1	333.3	334.2	335.4
147.5°	317.1	318.3	319.9	321.3	322.8	324.2	326.2	327.9	329.9	330.9	331.9
150°	314.3	315.5	316.9	318.2	319.9	321.5	323.4	325.1	327.4	328.5	329.6
152.5°	311.7	313.0	314.4	316.1	317.8	319.6	321.4	323.4	325.4	326.4	327.5
155°	310.2	311.3	313.0	314.5	316.4	317.8	319.8	321.5	323.5	324.6	325.6
157.5°	310.8	311.8	313.3	314.8	316.3	317.8	319.7	321.1	323.0	323.9	324.7
160°	312.4	313.5	314.8	316.3	317.6	319.1	320.6	321.9	323.5	324.4	325.3
162.5°	314.5	315.9	317.2	318.3	319.9	321.2	322.7	324.0	325.6	326.3	327.1
165°	318.0	319.0	320.2	321.0	322.3	323.1	324.4	325.4	326.8	327.3	328.3
167.5°	324.0	324.6	325.3	326.2	327.1	328.0	329.0	329.9	330.9	331.6	332.3
170°	327.6	328.3	328.9	329.7	330.4	331.2	332.0	332.7	333.7	334.2	334.9
172.5°	331.8	332.1	332.8	333.1	333.6	334.0	334.6	335.3	335.8	336.4	336.8
175°	336.0	336.1	336.4	336.5	336.7	337.0	337.4	337.8	338.0	338.4	338.8
177.5°	339.7	339.8	339.9	340.0	340.4	340.5	340.8	340.9	341.2	341.5	342.0
180°	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4



TEST NUMBER: P1444548  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39552.4	39551.9	39550.6	39548.8	39547.0	39548.1	39549.8	39554.4	39562.3	39573.8	39588.8
5°	39413.5	39421.6	39426.1	39426.7	39422.6	39420.1	39424.0	39434.8	39456.8	39493.5	39543.2
7.5°	39267.9	39277.9	39293.2	39304.7	39306.9	39304.0	39304.7	39321.7	39362.2	39433.8	39534.2
10°	39112.4	39082.9	39098.5	39127.0	39149.7	39153.8	39156.6	39176.7	39235.9	39344.1	39505.4
12.5°	38968.9	38875.4	38857.2	38883.0	38917.5	38928.4	38925.4	38934.0	39003.4	39146.6	39371.4
15°	38780.1	38604.0	38543.9	38550.5	38593.0	38608.2	38597.1	38580.0	38647.5	38822.4	39113.5
17.5°	38474.4	38190.6	38080.0	38075.1	38124.9	38138.1	38110.7	38057.8	38124.3	38342.5	38703.8
20°	38009.8	37590.8	37382.5	37349.5	37403.5	37387.7	37333.2	37253.1	37340.5	37605.8	38035.6
22.5°	37174.6	36643.7	36287.8	36173.1	36237.7	36194.7	36115.1	36012.9	36128.9	36430.4	36909.0
25°	35809.7	35196.3	34709.2	34436.0	34487.5	34410.2	34323.6	34199.8	34338.1	34684.2	35211.0
27.5°	33803.7	33095.1	32491.5	32039.1	32055.6	31954.5	31854.7	31694.5	31867.2	32276.9	32871.1
30°	31136.1	30316.0	29581.0	28966.2	28911.3	28813.1	28710.9	28500.6	28716.9	29207.2	29901.5
32.5°	27786.0	26875.5	26026.3	25248.9	25102.3	25006.6	24915.6	24673.4	24956.6	25528.3	26326.0
35°	23868.2	22898.5	21977.6	21089.8	20846.8	20751.1	20671.5	20439.6	20792.9	21415.0	22276.5
37.5°	19567.9	18577.2	17663.0	16752.6	16409.4	16279.4	16221.6	16069.7	16477.3	17092.7	17957.8
40°	15153.2	14232.1	13412.5	12608.4	12217.0	12018.3	11988.0	11960.4	12354.4	12888.3	13673.5
42.5°	11023.3	10280.2	9648.2	9033.6	8679.0	8407.7	8407.5	8489.9	8844.6	9244.5	9850.0
45°	7625.2	7126.5	6723.8	6313.2	6422.9	5881.9	6199.8	6036.7	6212.0	6469.8	6863.6
47.5°	5241.6	4969.3	4748.1	4518.7	4351.5	4191.8	4205.7	4308.7	4473.8	4626.8	4831.7
50°	3820.2	3681.6	3568.9	3449.8	3366.5	3296.0	3300.2	3344.8	3431.5	3512.2	3619.3
52.5°	2993.4	2916.9	2855.7	2789.9	2746.2	2711.2	2713.1	2734.7	2781.6	2827.6	2889.1
55°	2467.3	2458.1	2378.5	2319.3	2296.8	2273.4	2277.6	2286.1	2318.1	2344.9	2385.7
57.5°	2067.5	2031.8	2008.0	1976.9	1962.5	1946.1	1949.8	1953.0	1974.3	1992.4	2021.7
60°	1785.4	1760.1	1743.1	1721.9	1712.5	1702.1	1704.4	1706.3	1720.0	1731.8	1752.8
62.5°	1597.8	1575.1	1560.4	1544.1	1537.5	1530.4	1532.1	1532.7	1541.2	1549.8	1565.7
65°	1453.9	1436.0	1423.8	1409.7	1402.7	1395.5	1396.2	1396.2	1403.4	1409.7	1421.7
67.5°	1301.9	1288.3	1280.4	1269.2	1264.6	1257.0	1256.9	1254.5	1259.2	1261.8	1269.8
70°	1179.8	1166.2	1156.0	1145.2	1139.4	1132.8	1132.9	1133.1	1138.5	1144.2	1154.7
72.5°	1104.4	1091.3	1082.3	1072.9	1067.4	1061.7	1060.7	1060.1	1064.1	1067.2	1074.0
75°	1004.5	994.1	988.8	980.0	975.5	969.2	968.2	965.3	967.2	967.8	972.9
77.5°	883.3	873.4	869.2	860.2	856.6	849.4	848.8	845.5	847.0	846.0	850.0
80°	745.3	736.2	733.9	726.5	724.8	718.2	717.1	713.2	714.3	711.2	712.8
82.5°	591.1	582.8	581.1	574.3	574.3	568.3	568.0	562.0	562.0	556.9	548.6
85°	416.4	410.3	407.8	402.3	400.6	395.8	393.3	387.6	385.5	381.8	380.7
87.5°	219.7	215.9	212.5	209.9	205.0	196.3	195.6	189.6	190.0	185.8	186.1
90°	43.4	38.7	38.1	33.7	32.9	29.9	29.2	29.0	29.5	29.4	30.0
92.5°	30.2	29.2	28.1	27.1	26.2	25.1	24.1	25.1	26.2	27.1	28.1
95°	34.0	33.2	32.2	31.3	30.4	29.6	28.7	29.6	30.4	31.5	32.4
97.5°	37.9	37.3	36.8	36.3	35.7	35.2	34.6	35.4	35.9	36.5	37.0
100°	43.8	43.1	42.5	41.8	41.2	40.5	39.9	40.8	41.5	42.1	42.8
102.5°	72.8	68.7	64.7	60.6	56.4	52.4	48.3	52.4	56.4	60.8	64.9
105°	165.7	152.1	138.3	124.5	110.7	96.9	83.1	97.0	110.8	124.6	138.6
107.5°	327.4	303.5	279.2	255.0	230.6	206.4	182.1	206.6	230.9	255.2	279.4
110°	483.6	462.7	442.0	421.0	400.1	379.2	358.3	379.3	400.4	421.3	442.3



TEST NUMBER: P1444548  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	569.3	556.8	544.0	531.5	518.7	506.2	493.4	506.5	519.3	532.2	544.9
115°	589.4	582.8	576.5	569.9	563.2	556.7	549.8	557.1	563.9	570.8	577.7
117.5°	571.2	569.4	567.2	565.2	562.9	560.7	558.4	561.0	563.5	566.5	568.7
120°	531.4	532.3	532.9	533.4	534.0	534.4	534.6	534.9	534.9	534.9	534.8
122.5°	488.3	490.6	492.7	494.9	496.8	498.9	500.6	499.5	498.0	496.7	495.0
125°	448.9	451.6	453.7	456.0	458.0	460.4	462.0	461.2	459.7	458.2	456.5
127.5°	416.5	418.8	420.9	423.3	425.1	427.0	428.7	427.9	426.6	425.5	423.9
130°	390.6	392.8	394.3	396.3	397.8	399.3	400.6	400.2	399.4	398.9	397.7
132.5°	373.0	375.0	376.6	378.2	379.3	380.8	381.5	381.6	381.3	381.0	380.1
135°	360.6	362.0	363.4	365.0	365.9	366.9	367.5	368.0	367.9	367.8	367.2
137.5°	350.8	352.2	353.1	354.2	354.9	355.6	355.9	356.6	356.8	357.4	357.1
140°	345.5	346.9	348.0	349.0	349.8	350.7	351.0	351.8	352.0	352.3	352.0
142.5°	339.9	341.1	342.3	343.4	344.0	344.8	345.2	345.9	346.1	346.3	346.3
145°	336.6	337.4	338.5	339.5	340.0	340.5	340.6	341.6	342.0	342.3	342.5
147.5°	332.9	334.0	334.7	335.5	336.1	336.7	336.9	337.5	338.0	338.3	338.6
150°	330.6	331.8	332.7	333.6	334.3	335.0	335.2	335.9	336.1	336.5	336.4
152.5°	328.5	329.5	330.3	331.0	331.8	332.4	332.7	333.3	333.7	334.1	334.2
155°	326.6	327.5	328.4	329.3	329.9	330.6	331.2	331.8	332.3	332.6	332.9
157.5°	325.6	326.7	327.3	328.2	328.8	329.8	330.3	331.0	331.5	332.1	332.4
160°	326.0	327.1	327.6	328.5	329.3	330.0	330.5	331.3	331.9	332.3	333.0
162.5°	327.9	328.8	329.3	330.2	330.8	331.6	332.2	332.9	333.5	334.1	334.5
165°	329.2	330.0	330.7	331.6	332.4	333.3	333.8	334.4	334.8	335.3	335.6
167.5°	333.0	333.7	334.4	335.2	335.8	336.7	337.3	337.8	338.1	338.5	338.8
170°	335.5	336.2	336.9	337.4	338.2	338.9	339.3	339.6	339.9	340.2	340.6
172.5°	337.4	338.2	338.7	339.5	340.0	340.7	341.2	341.6	341.7	341.7	341.7
175°	339.2	339.9	340.2	340.7	341.1	341.7	342.2	342.1	342.3	342.2	342.3
177.5°	342.5	343.1	343.5	343.8	344.3	344.7	345.1	344.8	344.6	344.4	344.1
180°	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4



TEST NUMBER: P1444548  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39610.0	39629.8	39660.2	39687.6	39729.0	39761.6	39810.6	39847.8	39903.1	39939.0	39999.2
5°	39613.5	39691.0	39792.9	39892.4	40012.0	40120.5	40255.3	40370.2	40505.8	40616.4	40755.1
7.5°	39669.6	39819.0	39998.1	40178.5	40382.7	40573.7	40788.8	40983.5	41196.4	41376.5	41573.2
10°	39710.9	39941.4	40205.4	40471.0	40750.5	41010.3	41272.6	41499.2	41710.9	41885.3	42039.2
12.5°	39654.9	39972.4	40311.1	40638.2	40949.1	41218.0	41443.6	41617.8	41738.2	41819.8	41838.9
15°	39464.4	39846.4	40214.8	40540.5	40798.5	40997.5	41100.5	41148.6	41097.0	41011.1	40822.2
17.5°	39108.7	39511.6	39840.9	40097.9	40234.2	40288.2	40202.9	40054.4	39764.4	39442.5	38977.6
20°	38456.3	38831.8	39070.7	39210.9	39174.4	39039.5	38717.4	38325.9	37746.8	37129.8	36315.4
22.5°	37312.2	37640.6	37767.8	37778.2	37555.6	37218.0	36637.0	35965.5	35052.1	34102.3	32934.4
25°	35594.9	35882.4	35902.5	35789.6	35382.3	34835.1	33982.1	33032.2	31790.8	30525.4	29061.8
27.5°	33265.8	33541.6	33474.1	33263.3	32697.9	31965.7	30873.5	29646.3	28116.0	26621.4	25002.4
30°	30338.0	30632.9	30553.6	30283.3	29610.8	28745.4	27460.2	26034.5	24335.4	22739.1	21098.5
32.5°	26834.2	27207.1	27152.4	26895.4	26193.7	25267.4	23873.1	22360.9	20622.6	19049.5	17453.6
35°	22851.8	23304.4	23327.9	23159.9	22508.5	21593.0	20216.1	18752.4	17087.3	15603.1	14128.8
37.5°	18561.1	19085.9	19193.7	19148.4	18608.6	17800.4	16545.8	15232.7	13757.7	12456.9	11196.0
40°	14246.7	14778.0	14962.3	15017.0	14618.6	13992.6	12963.0	11903.2	10700.6	9646.6	8645.4
42.5°	10312.2	10783.1	10961.3	11073.4	10824.6	10407.2	9656.2	8886.5	8005.6	7245.3	6516.4
45°	7162.1	7495.2	7630.6	7743.5	7608.0	7372.5	6898.2	6416.8	5835.3	5338.5	4868.2
47.5°	5007.4	5191.2	5280.6	5335.2	5282.8	5159.9	4901.8	4623.0	4294.7	4004.4	3725.3
50°	3711.6	3809.3	3856.2	3887.8	3849.5	3781.2	3641.6	3489.8	3309.5	3145.1	2984.3
52.5°	2941.3	2997.4	3025.2	3042.2	3020.3	2978.6	2897.2	2807.2	2699.1	2597.5	2544.1
55°	2477.9	2475.0	2539.2	2508.2	2539.2	2470.0	2455.4	2356.5	2266.7	2203.5	2135.1
57.5°	2043.5	2072.6	2084.9	2098.7	2089.8	2077.1	2042.6	2007.1	1959.8	1920.2	1878.0
60°	1768.9	1792.8	1806.4	1820.1	1819.2	1814.5	1794.5	1773.2	1743.7	1720.0	1694.4
62.5°	1579.7	1600.5	1613.8	1626.9	1628.1	1626.2	1611.0	1596.4	1576.2	1561.4	1543.7
65°	1430.9	1445.4	1454.5	1465.0	1464.4	1461.6	1447.9	1435.7	1419.1	1408.9	1395.9
67.5°	1275.1	1286.2	1293.2	1303.1	1305.0	1305.6	1298.0	1292.3	1284.3	1281.4	1276.9
70°	1164.4	1177.8	1189.1	1201.6	1208.3	1211.6	1208.3	1205.4	1200.7	1198.6	1195.3
72.5°	1080.5	1091.9	1100.7	1112.1	1118.4	1122.9	1120.4	1118.7	1114.7	1114.1	1111.8
75°	976.4	984.3	989.2	997.7	1001.1	1005.4	1003.5	1004.5	1003.2	1006.5	1006.3
77.5°	851.2	857.0	859.4	865.5	866.2	871.3	872.5	878.5	882.7	892.1	897.2
80°	710.3	714.0	714.0	720.3	723.1	731.9	735.9	745.8	750.4	758.7	759.5
82.5°	551.8	547.5	551.8	549.2	557.2	566.9	568.3	576.6	578.6	583.9	579.7
85°	377.3	377.0	373.6	374.2	371.7	372.8	371.4	373.0	371.5	371.7	367.9
87.5°	180.7	182.4	178.4	179.8	175.9	177.6	174.2	177.0	173.0	173.6	167.6
90°	30.2	30.6	30.8	31.4	32.5	34.0	35.9	37.5	39.9	41.4	43.4
92.5°	29.2	30.3	31.3	32.4	33.4	36.4	39.3	42.3	45.4	48.2	51.2
95°	33.4	34.2	35.1	36.3	37.1	41.4	45.8	50.0	54.4	58.7	63.0
97.5°	37.8	38.4	39.0	39.5	40.1	45.2	50.3	55.4	60.4	65.5	70.5
100°	43.5	44.2	44.8	45.7	46.3	58.1	69.8	81.4	93.2	104.7	116.5
102.5°	69.0	73.1	77.3	81.6	85.7	114.1	142.4	170.8	199.0	227.3	255.6
105°	152.4	166.2	180.3	194.1	207.9	250.8	293.8	336.7	379.4	422.2	465.1
107.5°	303.9	328.1	352.7	376.9	401.2	441.7	481.9	522.1	562.6	602.8	642.9
110°	463.6	484.3	505.6	526.6	547.5	579.3	611.5	643.3	675.3	707.2	739.0



TEST NUMBER: P1444548  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	557.9	570.6	583.4	595.9	608.7	632.1	655.7	678.9	702.5	725.5	748.8
115°	584.5	590.9	597.8	604.3	611.2	625.2	639.1	653.1	667.2	681.0	695.0
117.5°	571.1	573.4	576.0	577.9	580.2	587.3	594.4	601.4	608.5	615.5	622.5
120°	534.6	534.3	534.0	533.4	533.1	534.8	537.1	539.0	541.0	542.8	544.6
122.5°	493.4	491.4	489.8	487.7	485.8	484.4	483.5	482.1	481.2	479.9	478.7
125°	454.8	452.7	450.9	448.6	446.5	444.1	441.8	439.1	436.6	434.1	431.6
127.5°	422.7	420.6	419.1	416.9	415.0	412.1	409.3	406.5	403.7	400.7	397.9
130°	396.8	395.2	394.1	392.0	390.7	387.8	385.5	382.8	380.2	377.7	375.0
132.5°	379.3	378.2	377.1	375.5	374.4	371.8	369.8	367.1	364.8	362.3	360.1
135°	366.7	365.8	365.2	364.1	363.1	360.9	359.1	357.1	355.2	353.2	351.3
137.5°	357.0	356.3	355.9	355.3	354.5	352.7	351.1	349.4	347.8	346.0	344.4
140°	351.9	351.4	351.0	350.3	349.6	347.9	346.3	344.4	342.8	340.9	339.3
142.5°	346.0	345.6	345.3	344.6	344.1	342.5	341.4	339.9	338.5	337.1	335.8
145°	342.3	342.1	342.0	341.5	341.3	339.7	338.3	336.7	335.4	333.7	332.4
147.5°	338.7	338.5	338.5	338.3	338.3	336.8	335.9	334.5	333.5	332.2	331.2
150°	336.5	336.5	336.5	336.2	336.0	334.7	333.7	332.6	331.6	330.3	329.4
152.5°	334.4	334.5	334.6	334.6	334.7	333.6	332.7	331.5	330.4	329.2	328.2
155°	333.2	333.3	333.5	333.5	333.5	332.6	331.7	330.6	329.8	328.7	327.8
157.5°	332.7	333.0	333.3	333.5	333.5	332.8	332.0	331.2	330.4	329.6	328.8
160°	333.3	333.6	333.9	334.1	334.4	333.7	333.4	332.5	332.1	331.1	330.3
162.5°	335.0	335.4	335.7	335.9	336.2	335.5	335.1	334.5	333.8	332.9	332.2
165°	336.0	336.1	336.4	336.5	336.7	336.2	335.9	335.4	335.0	334.4	334.0
167.5°	339.1	339.1	339.5	339.6	339.8	339.5	339.5	339.1	338.7	338.4	338.0
170°	340.7	340.9	341.1	341.1	341.3	341.0	340.8	340.5	340.4	339.9	339.5
172.5°	341.9	341.9	341.9	342.0	341.9	341.7	341.6	341.4	341.3	341.0	340.8
175°	342.2	342.1	342.2	342.1	342.0	342.1	342.0	342.0	341.9	341.7	341.6
177.5°	344.0	343.9	343.6	343.3	343.2	343.1	343.1	343.0	343.1	343.1	343.0
180°	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4



TEST NUMBER: P1444548  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	40036.4	39789.1	39756.5	39773.8	39815.1	39830.4	39875.1	39887.3	39932.1	39943.1	39986.2
5°	40862.5	40535.7	40552.0	40630.6	40749.6	40820.4	40937.4	40998.6	41110.2	41160.9	41261.8
7.5°	41733.6	41477.0	41557.0	41689.5	41852.1	41964.8	42105.3	42196.7	42317.8	42393.0	42489.8
10°	42161.3	42091.0	42179.1	42283.4	42376.2	42448.8	42508.3	42556.1	42587.2	42616.5	42629.3
12.5°	41835.8	41944.6	41959.6	41949.6	41888.0	41841.2	41735.7	41664.0	41536.8	41459.3	41308.0
15°	40629.2	40868.5	40736.0	40535.4	40241.9	39997.1	39651.5	39394.1	39034.2	38790.0	38428.9
17.5°	38511.7	38813.7	38468.4	38004.3	37413.8	36908.5	36279.5	35780.2	35154.6	34699.8	34116.1
20°	35530.6	35812.8	35197.0	34427.5	33514.1	32745.3	31838.7	31115.4	30273.0	29646.3	28890.0
22.5°	31818.9	32020.0	31152.3	30115.0	28951.2	27990.8	26907.0	26039.7	25078.4	24361.9	23555.6
25°	27712.6	27766.8	26726.1	25531.1	24234.0	23154.6	21997.4	21085.7	20105.2	19379.1	18587.6
27.5°	23568.1	23488.5	22363.6	21096.4	19732.1	18610.2	17481.5	16627.1	15768.4	15114.3	14432.5
30°	19656.1	19463.5	18295.6	16993.1	15668.7	14663.2	13726.1	13040.0	12356.8	11838.0	11290.7
32.5°	16068.8	15797.1	14660.2	13439.9	12324.0	11548.0	10853.2	10334.0	9782.3	9344.0	8884.7
35°	12891.5	12601.9	11594.7	10560.2	9715.6	9143.6	8597.5	8171.6	7703.1	7333.4	6934.5
37.5°	10164.6	9927.2	9083.6	8269.5	7630.6	7187.4	6739.9	6391.8	6004.8	5842.1	5415.8
40°	7847.0	7681.1	7021.5	6421.4	5941.6	5733.4	5279.2	4954.1	4664.7	4426.2	4195.2
42.5°	6120.8	6062.1	5420.1	4952.1	4614.3	4351.9	4098.8	3893.3	3693.3	3528.9	3373.6
45°	4491.8	4445.3	4160.3	3890.1	3659.9	3476.6	3305.5	3164.2	3033.4	2925.1	2826.4
47.5°	3497.7	3482.9	3318.7	3151.2	3006.2	2888.4	2777.4	2683.5	2596.7	2524.4	2500.8
50°	2844.9	2842.9	2746.6	2643.2	2540.0	2471.9	2401.0	2345.5	2289.8	2246.4	2200.6
52.5°	2417.2	2406.7	2341.7	2277.9	2216.6	2171.9	2126.6	2091.1	2054.1	2027.4	1998.9
55°	2081.0	2092.0	2054.3	2016.2	1977.8	1950.1	1918.3	1894.9	1869.6	1852.7	1835.5
57.5°	1847.4	1862.0	1842.3	1820.7	1797.3	1779.0	1757.0	1741.0	1724.0	1713.2	1703.2
60°	1677.5	1693.4	1685.5	1674.6	1660.2	1649.3	1635.4	1626.3	1615.5	1609.5	1603.8
62.5°	1533.4	1553.2	1550.4	1545.3	1536.1	1530.0	1522.4	1518.4	1511.2	1508.5	1505.9
65°	1389.6	1411.9	1411.5	1409.0	1403.8	1402.1	1397.3	1396.4	1392.8	1394.2	1393.9
67.5°	1276.4	1295.9	1300.2	1303.3	1303.1	1304.2	1303.8	1305.7	1305.7	1308.5	1310.2
70°	1194.9	1208.3	1211.6	1214.8	1215.7	1218.3	1218.3	1220.0	1219.5	1221.9	1222.2
72.5°	1112.3	1130.1	1133.4	1136.0	1136.0	1138.5	1137.2	1136.8	1133.2	1132.5	1130.0
75°	1009.7	1032.5	1037.5	1040.7	1041.2	1043.3	1040.2	1038.4	1032.5	1030.1	1026.0
77.5°	902.4	926.1	929.7	930.8	928.9	929.4	922.9	918.5	911.0	907.9	903.9
80°	762.9	797.7	800.5	798.3	792.9	792.0	785.7	781.5	772.6	769.5	766.1
82.5°	580.5	621.4	627.2	629.7	625.2	626.3	620.2	617.8	609.6	608.1	602.7
85°	366.5	407.4	414.1	413.2	408.7	407.7	404.1	405.3	404.6	406.9	408.0
87.5°	168.4	208.0	217.5	214.5	214.0	211.2	204.9	207.2	211.1	213.5	213.7
90°	45.2	59.0	60.5	60.1	55.9	54.8	50.8	50.5	47.1	46.6	43.4
92.5°	54.2	57.1	60.1	57.5	54.8	52.2	49.5	46.6	44.2	41.4	38.9
95°	67.3	71.4	75.6	72.1	68.4	64.9	61.3	57.8	54.2	50.7	47.1
97.5°	75.5	80.4	85.2	81.7	78.2	74.6	71.0	67.5	63.9	60.2	56.6
100°	128.1	139.2	150.8	140.7	130.6	120.5	110.4	100.3	90.2	80.1	70.0
102.5°	283.8	311.7	339.9	314.3	288.8	263.2	237.8	212.2	186.8	161.2	135.7
105°	507.8	550.1	592.7	553.5	514.6	475.7	436.8	397.8	359.0	320.0	281.2
107.5°	683.0	722.3	762.1	726.8	691.5	656.3	620.9	585.7	550.5	515.2	480.1
110°	770.8	801.4	832.9	809.0	785.2	761.2	737.5	713.6	689.9	666.3	642.6



TEST NUMBER: P1444548  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	772.0	793.5	816.3	802.0	788.0	773.9	759.8	745.6	731.8	717.6	703.9
115°	708.7	720.5	733.8	727.7	722.0	716.1	710.1	704.4	698.6	692.8	687.4
117.5°	629.4	633.8	640.0	638.3	636.9	635.2	633.7	632.3	631.0	629.7	628.4
120°	546.5	545.6	546.7	546.6	546.9	546.8	547.1	547.1	547.4	547.5	547.9
122.5°	477.3	473.2	470.9	470.8	470.8	470.6	470.6	470.6	470.6	470.7	470.9
125°	429.1	423.1	419.6	417.8	416.3	414.4	412.7	410.9	409.5	407.8	406.4
127.5°	395.0	388.5	384.8	381.8	378.8	375.7	372.7	369.6	366.8	363.7	361.0
130°	372.5	366.1	362.4	358.8	355.4	351.6	348.2	344.5	340.8	337.3	333.8
132.5°	357.5	351.1	347.7	344.2	341.0	337.3	333.9	330.3	326.9	323.1	319.9
135°	349.3	343.1	340.1	336.8	333.8	330.5	327.3	324.0	320.9	317.5	314.5
137.5°	342.7	336.4	333.7	331.0	328.5	325.7	323.3	320.5	317.7	314.7	312.2
140°	337.5	330.9	328.3	326.6	325.0	323.1	321.4	319.6	317.8	316.1	314.3
142.5°	334.3	327.9	325.4	324.2	323.2	321.8	320.8	319.5	318.2	316.7	315.4
145°	331.0	324.0	321.4	320.8	320.6	320.0	319.5	319.0	318.5	317.8	317.4
147.5°	329.8	322.5	319.9	319.8	319.7	319.3	319.4	318.9	319.0	318.6	318.5
150°	328.0	319.7	316.8	317.0	316.9	317.1	317.2	317.2	317.5	317.5	317.6
152.5°	326.9	317.0	313.7	313.9	314.3	314.3	314.5	314.8	315.2	315.6	315.8
155°	326.5	315.8	312.1	311.8	312.0	312.0	312.1	312.4	312.6	312.8	313.2
157.5°	327.6	316.3	312.7	312.2	312.2	312.1	312.1	312.3	312.4	312.5	312.9
160°	329.6	318.1	314.5	314.1	314.0	313.8	313.6	313.6	313.7	313.8	314.1
162.5°	331.3	320.2	316.7	316.2	315.9	315.7	315.6	315.4	315.5	315.4	315.7
165°	333.3	323.5	320.2	319.8	319.8	319.5	319.4	319.4	319.5	319.5	319.8
167.5°	337.4	328.5	326.0	325.5	325.1	324.6	324.6	324.0	324.0	323.8	323.8
170°	339.0	332.0	329.8	329.6	329.7	329.6	329.4	329.4	329.3	329.2	329.3
172.5°	340.5	335.4	333.7	333.7	334.0	334.1	334.3	334.4	334.6	334.8	335.1
175°	341.5	338.5	337.8	337.6	337.7	337.8	337.9	338.1	338.2	338.3	338.7
177.5°	343.0	342.1	341.7	341.7	341.7	341.7	341.7	341.7	341.7	341.9	341.9
180°	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4



TEST NUMBER: P1444548  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39994.3	40041.0	40037.4	40080.9	40078.8	40119.8	40111.5	40146.9	40138.9	40169.1	40151.4
5°	41306.2	41394.9	41424.1	41504.2	41520.8	41592.4	41593.9	41650.8	41643.9	41688.4	41664.8
7.5°	42547.2	42630.0	42669.3	42731.5	42762.6	42814.0	42834.1	42876.5	42886.7	42911.7	42910.9
10°	42651.9	42651.7	42671.0	42662.4	42679.8	42669.7	42690.9	42683.3	42714.6	42706.5	42730.2
12.5°	41242.7	41102.8	41051.8	40926.1	40898.7	40790.9	40798.5	40729.4	40762.7	40720.3	40792.6
15°	38214.0	37889.6	37729.2	37447.1	37358.6	37135.6	37117.5	36969.4	37009.4	36932.0	37045.2
17.5°	33738.3	33227.5	32947.2	32535.3	32371.7	32056.4	31993.2	31802.6	31832.1	31736.1	31872.9
20°	28402.2	27785.0	27431.3	26955.1	26742.5	26366.6	26266.8	26053.6	26080.4	25984.8	26139.5
22.5°	23005.2	22359.1	21960.0	21460.6	21189.3	20835.7	20729.6	20515.3	20527.5	20437.8	20586.7
25°	18045.5	17426.1	17038.7	16585.1	16349.6	16025.5	15914.0	15721.6	15732.5	15658.5	15792.1
27.5°	13959.5	13451.3	13127.1	12746.9	12535.8	12269.4	12160.7	11998.9	11998.5	11944.2	12055.8
30°	10908.6	10484.5	10193.4	9862.4	9664.1	9423.6	9318.6	9173.9	9167.6	9129.1	9217.7
32.5°	8541.2	8163.9	7898.4	7607.2	7429.1	7222.8	7123.4	7007.1	6996.5	6961.6	7034.4
35°	6639.7	6322.0	6093.7	5848.4	5866.5	5562.0	5612.6	5376.2	5312.1	5298.0	5352.2
37.5°	5131.7	4885.6	4700.2	4516.5	4392.1	4263.4	4194.1	4131.9	4124.9	4118.8	4156.8
40°	4016.7	3844.5	3709.7	3583.6	3498.0	3419.5	3376.1	3342.0	3333.8	3329.3	3352.3
42.5°	3250.9	3134.8	3047.8	2970.9	2918.8	2876.2	2852.3	2833.4	2827.0	2827.2	2840.7
45°	2746.6	2676.2	2620.1	2572.3	2539.0	2553.7	2510.7	2533.2	2503.5	2534.2	2513.9
47.5°	2418.8	2358.8	2324.1	2290.2	2270.1	2253.9	2254.5	2254.8	2261.2	2262.1	2268.7
50°	2165.8	2131.1	2107.0	2085.4	2074.9	2066.4	2069.4	2071.5	2077.7	2078.2	2083.0
52.5°	1978.6	1955.8	1941.3	1927.8	1923.1	1918.3	1920.3	1919.5	1922.3	1920.8	1924.8
55°	1826.2	1815.5	1811.0	1805.9	1806.7	1805.3	1806.2	1801.4	1798.5	1794.8	1798.2
57.5°	1701.2	1699.7	1702.8	1704.9	1710.6	1712.6	1714.0	1708.4	1703.1	1698.3	1701.1
60°	1604.9	1607.2	1614.9	1621.0	1629.3	1633.1	1635.5	1632.3	1628.4	1624.4	1626.8
62.5°	1509.9	1513.6	1522.7	1529.6	1539.6	1544.7	1550.4	1550.7	1552.3	1550.7	1552.4
65°	1399.5	1404.1	1412.3	1418.1	1427.4	1431.9	1437.8	1438.8	1442.0	1441.3	1444.2
67.5°	1315.7	1319.8	1326.7	1332.2	1340.4	1345.2	1350.3	1350.6	1351.7	1351.5	1354.1
70°	1226.3	1228.3	1234.5	1239.1	1247.3	1252.2	1258.1	1259.8	1263.5	1264.1	1267.0
72.5°	1131.0	1130.1	1133.8	1135.8	1142.0	1145.9	1153.4	1157.4	1163.6	1165.3	1167.5
75°	1027.1	1026.2	1030.7	1032.5	1037.8	1041.6	1050.0	1055.4	1064.9	1068.9	1067.9
77.5°	907.0	909.0	917.3	921.8	928.9	933.7	944.7	953.3	970.9	978.4	970.7
80°	772.6	774.8	783.4	787.6	796.8	802.7	815.0	825.0	840.9	844.2	839.8
82.5°	607.4	608.0	615.6	618.9	630.9	639.7	655.1	663.1	672.8	671.4	670.2
85°	414.1	419.7	429.3	438.9	453.6	467.6	482.3	494.3	485.8	499.2	484.1
87.5°	221.4	220.8	233.7	231.6	252.2	264.1	276.8	282.8	289.6	288.3	288.4
90°	43.5	41.1	42.0	39.1	40.9	37.9	40.7	37.9	41.5	37.9	43.8
92.5°	36.1	34.8	33.2	32.0	30.3	29.1	27.4	26.1	24.6	23.2	24.6
95°	43.6	42.3	41.0	39.6	38.2	36.9	35.6	34.2	33.0	31.6	33.3
97.5°	53.1	52.4	51.6	50.8	50.0	49.4	48.6	47.8	46.9	46.2	47.2
100°	59.9	59.9	59.9	59.9	59.6	59.6	59.6	59.6	59.6	59.6	60.5
102.5°	110.1	107.6	105.1	102.4	99.9	97.3	94.7	92.2	89.7	87.2	91.0
105°	242.2	232.3	222.2	212.3	202.2	192.3	182.3	172.4	162.4	152.5	162.8
107.5°	445.1	426.7	408.5	390.5	372.1	354.0	335.9	317.8	299.7	281.6	297.8
110°	618.9	599.6	580.2	561.0	541.7	522.2	503.0	483.8	464.6	445.4	460.9



TEST NUMBER: P1444548  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	690.1	677.2	664.7	652.2	639.7	627.2	614.8	602.4	590.1	577.7	585.2
115°	681.5	675.5	669.3	663.4	657.4	651.2	645.3	639.5	633.5	627.7	628.2
117.5°	627.1	624.8	622.6	620.5	618.3	616.2	614.3	612.4	610.3	608.6	604.5
120°	548.4	548.6	548.8	549.3	549.8	550.4	550.6	551.4	552.2	553.0	547.4
122.5°	471.1	472.0	473.1	474.2	475.5	477.0	478.3	480.0	481.6	483.3	477.6
125°	404.7	405.7	406.6	407.6	408.5	410.1	411.4	413.1	414.5	416.4	411.6
127.5°	358.2	358.1	357.8	358.0	358.1	358.5	359.0	359.5	360.3	361.3	358.3
130°	330.3	329.2	327.9	327.0	325.8	325.3	324.8	324.2	324.0	323.9	322.7
132.5°	316.3	314.4	312.5	310.8	309.1	307.8	306.3	305.4	304.4	303.7	303.3
135°	311.1	308.6	306.4	304.2	301.9	300.4	298.4	297.0	295.6	294.4	295.0
137.5°	309.4	307.2	304.8	302.7	300.5	298.9	296.9	295.4	294.2	292.9	293.7
140°	312.3	310.0	307.7	305.6	303.7	301.9	300.2	298.8	297.2	296.3	296.7
142.5°	314.1	312.2	310.0	308.1	306.3	304.8	303.3	302.0	300.6	299.7	300.2
145°	316.7	315.2	313.6	312.1	310.9	309.7	308.2	307.6	306.7	306.2	306.5
147.5°	318.0	317.1	315.7	314.7	313.5	312.9	311.9	311.3	310.7	310.3	310.5
150°	317.6	317.0	316.2	315.5	314.8	314.4	313.9	313.5	313.1	312.9	313.0
152.5°	316.2	315.7	314.9	314.4	314.0	313.6	313.2	313.1	312.8	312.6	312.7
155°	313.4	313.2	312.9	312.9	312.7	312.8	312.6	312.9	312.7	313.0	313.1
157.5°	313.0	313.2	313.1	313.4	313.5	313.6	313.7	314.2	314.2	314.6	314.9
160°	314.4	314.5	314.5	314.6	314.7	314.8	315.1	315.2	315.5	315.7	316.1
162.5°	315.8	316.2	316.4	316.7	317.1	317.4	317.8	318.4	318.7	319.3	319.8
165°	320.0	320.1	320.1	320.1	320.4	320.6	320.8	321.2	321.4	321.9	322.4
167.5°	323.7	323.9	323.9	324.0	324.3	324.8	325.0	325.6	326.0	326.7	327.1
170°	329.1	329.1	329.1	329.1	329.1	329.4	329.6	329.7	329.9	330.3	330.5
172.5°	335.1	335.1	334.8	335.1	334.8	335.1	335.1	335.3	335.3	335.5	335.6
175°	338.5	338.9	339.0	339.4	339.3	339.4	339.5	339.7	339.8	340.0	340.0
177.5°	341.9	342.0	342.0	342.0	342.0	342.2	342.2	342.2	342.2	342.0	342.1
180°	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4



TEST NUMBER: P1444548  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	40181.0	40160.8	40181.4	40160.5	40181.4	40156.3	40173.3	40146.3	40153.1	40125.0	40132.3
5°	41700.3	41668.2	41685.2	41643.6	41648.0	41592.4	41591.4	41526.7	41509.6	41435.9	41403.6
7.5°	42928.8	42918.3	42924.2	42897.4	42894.4	42856.3	42838.3	42784.8	42751.0	42683.3	42636.9
10°	42734.3	42765.6	42773.7	42805.6	42812.2	42843.8	42850.5	42882.1	42888.7	42912.1	42912.4
12.5°	40789.2	40895.6	40921.0	41052.4	41107.6	41257.9	41338.6	41504.2	41602.5	41767.7	41869.2
15°	37042.1	37226.0	37299.4	37556.0	37697.9	37997.3	38185.5	38529.3	38772.0	39137.2	39397.6
17.5°	31884.9	32142.0	32258.1	32605.9	32832.8	33274.7	33593.4	34117.6	34519.1	35101.7	35563.5
20°	26166.0	26451.7	26609.2	27006.1	27273.9	27790.3	28187.9	28832.2	29369.5	30107.9	30739.2
22.5°	20633.3	20905.3	21080.1	21483.9	21785.3	22324.0	22768.4	23448.4	24050.5	24882.4	25639.5
25°	15842.5	16091.7	16249.8	16614.9	16898.1	17393.0	17817.5	18471.5	19060.5	19895.1	20671.2
27.5°	12111.4	12320.1	12472.5	12783.9	13033.5	13453.3	13817.9	14358.4	14865.9	15587.9	16279.1
30°	9272.3	9457.3	9605.5	9876.7	10108.3	10472.1	10792.7	11246.7	11666.8	12241.3	12791.2
32.5°	7085.6	7244.9	7377.0	7614.3	7824.4	8152.0	8440.8	8838.9	9199.4	9686.6	10139.0
35°	5402.4	5715.9	5693.7	6021.1	6073.7	6308.9	6566.6	6914.6	7233.9	7648.2	8033.2
37.5°	4193.2	4281.4	4375.7	4520.5	4672.5	4886.5	5104.2	5529.4	5685.3	5998.5	6317.2
40°	3381.4	3441.0	3503.3	3601.1	3707.6	3858.3	4016.8	4219.7	4427.5	4681.3	4940.7
42.5°	2858.6	2892.4	2932.0	2989.5	3055.2	3150.8	3256.9	3394.3	3538.9	3717.6	3900.0
45°	2554.1	2538.1	2549.8	2580.7	2620.3	2678.4	2745.3	2830.4	2924.6	3040.3	3163.6
47.5°	2270.1	2276.6	2280.1	2296.8	2318.1	2357.0	2397.6	2455.4	2567.1	2601.0	2668.2
50°	2082.6	2085.7	2084.6	2093.1	2103.9	2129.2	2155.6	2194.6	2233.7	2285.5	2334.9
52.5°	1925.4	1929.7	1929.2	1934.8	1940.5	1956.5	1973.2	2000.8	2026.4	2059.4	2087.7
55°	1801.3	1807.3	1809.6	1814.4	1817.1	1825.5	1832.1	1845.4	1856.2	1874.9	1892.1
57.5°	1705.8	1714.0	1717.8	1719.4	1716.0	1715.6	1713.4	1716.2	1718.5	1728.4	1738.1
60°	1630.6	1637.2	1638.3	1637.2	1631.1	1626.6	1619.6	1617.3	1616.2	1621.0	1626.3
62.5°	1552.0	1554.3	1552.7	1550.7	1543.7	1539.5	1532.1	1529.4	1527.0	1530.4	1533.1
65°	1443.1	1445.1	1443.1	1441.9	1435.6	1432.2	1426.0	1424.0	1420.4	1421.4	1420.7
67.5°	1354.7	1356.8	1355.1	1353.5	1349.1	1347.1	1342.5	1339.5	1335.3	1333.7	1330.7
70°	1266.6	1268.3	1265.7	1264.1	1259.1	1257.2	1252.9	1252.1	1248.7	1247.9	1244.5
72.5°	1165.3	1165.4	1161.9	1160.8	1157.1	1157.0	1155.3	1156.9	1156.8	1158.5	1157.7
75°	1061.5	1060.1	1055.7	1054.9	1052.1	1053.5	1051.6	1054.1	1054.4	1058.2	1058.6
77.5°	957.8	952.3	943.9	939.9	934.3	933.6	930.4	932.6	931.9	936.3	938.0
80°	826.6	819.9	809.2	804.0	797.4	796.4	793.4	796.4	794.9	800.1	803.7
82.5°	659.9	654.2	643.1	638.9	631.2	632.0	628.7	632.0	631.5	639.2	643.6
85°	488.1	484.3	472.9	462.7	451.4	444.8	438.3	437.1	435.2	438.3	440.9
87.5°	282.0	278.4	269.5	263.5	243.7	244.5	236.8	236.4	234.5	232.7	236.8
90°	42.2	47.1	45.8	50.2	49.5	54.6	54.3	59.2	58.0	62.7	62.3
92.5°	26.1	27.4	28.9	30.3	31.8	33.2	34.6	36.1	39.2	42.0	45.4
95°	34.9	36.6	38.2	39.9	41.6	43.2	44.9	46.5	51.1	55.6	60.1
97.5°	48.5	49.5	50.5	51.7	52.7	53.8	55.0	56.0	61.0	65.8	70.7
100°	61.4	62.2	63.1	64.1	65.0	65.8	66.7	67.6	77.3	86.7	96.0
102.5°	94.6	98.4	102.2	105.9	109.9	113.6	117.3	121.1	142.8	164.4	185.9
105°	173.1	183.4	193.8	204.0	214.3	224.6	234.9	245.2	279.8	314.4	349.1
107.5°	314.1	330.3	346.5	362.9	379.2	395.5	411.8	428.2	461.8	495.7	529.4
110°	476.4	492.0	507.5	523.0	538.5	554.1	569.7	585.5	605.8	626.1	646.5



TEST NUMBER: P1444548  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	592.8	600.3	608.0	615.6	623.4	631.1	638.9	646.6	656.9	667.2	677.6
115°	628.7	629.2	629.9	630.5	631.2	631.8	632.8	633.5	637.1	640.6	644.1
117.5°	600.3	596.3	592.4	588.3	584.4	580.8	577.0	573.4	573.1	572.9	572.9
120°	542.2	536.7	531.4	525.9	520.9	515.6	510.8	505.9	503.6	501.5	499.4
122.5°	472.3	467.0	461.7	456.5	451.5	446.6	441.9	437.1	435.7	434.5	433.3
125°	407.1	402.8	398.5	394.4	390.6	386.7	383.0	379.2	379.8	380.3	381.3
127.5°	355.8	353.2	350.8	348.6	346.6	344.5	342.8	340.8	343.0	345.0	347.0
130°	321.7	320.9	320.4	319.5	319.4	319.0	318.8	318.5	321.6	324.4	327.5
132.5°	303.7	303.8	304.3	304.7	305.4	306.1	307.2	308.0	311.2	314.4	317.8
135°	295.5	296.2	297.3	298.4	299.8	301.0	302.5	303.8	307.2	310.1	313.5
137.5°	294.7	295.5	296.8	298.0	299.7	301.1	302.9	304.4	307.1	309.6	312.3
140°	297.6	298.4	299.5	300.6	301.8	303.2	304.8	306.0	308.5	310.6	312.7
142.5°	301.3	301.7	302.8	304.0	305.2	306.3	307.8	308.8	310.7	312.2	314.3
145°	307.2	307.7	308.6	309.4	310.5	311.4	312.5	313.5	314.8	316.0	317.3
147.5°	311.1	311.4	312.2	313.0	313.9	314.5	315.3	316.0	317.2	318.0	319.1
150°	313.5	313.8	314.3	314.5	315.3	316.0	316.8	317.3	318.0	318.7	319.8
152.5°	313.3	313.5	314.0	314.3	314.8	315.3	315.9	316.5	317.4	317.8	318.7
155°	313.6	314.2	314.7	315.2	315.9	316.2	317.0	317.4	318.1	318.7	319.5
157.5°	315.5	315.8	316.6	316.9	317.6	318.0	318.6	319.1	319.8	320.3	320.8
160°	316.8	317.6	318.0	318.8	319.5	320.1	320.8	321.4	322.0	322.5	323.1
162.5°	320.4	320.9	321.5	321.9	322.5	323.1	323.6	324.1	325.0	325.4	326.2
165°	323.1	323.8	324.5	324.9	325.8	326.6	327.1	327.8	328.2	328.8	329.3
167.5°	327.7	328.1	329.0	329.6	330.3	330.8	331.5	332.0	332.6	332.9	333.5
170°	331.0	331.6	332.2	332.8	333.4	333.7	334.4	334.8	335.5	335.9	336.6
172.5°	336.0	336.4	336.7	337.0	337.4	338.0	338.4	338.6	339.2	339.6	339.9
175°	340.0	340.0	340.1	340.3	340.4	340.4	340.6	340.9	341.0	341.2	341.3
177.5°	342.2	342.4	342.5	342.6	342.7	342.9	343.0	343.1	343.1	343.1	343.1
180°	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4



TEST NUMBER: P1444548  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	40104.2	40105.9	40073.5	40071.8	40041.5	40037.7	40008.1	39999.2	39975.2	39966.5	39942.1
5°	41320.9	41281.5	41190.4	41136.9	41046.9	40987.3	40890.0	40826.4	40732.5	40661.6	40567.0
7.5°	42551.5	42490.3	42388.1	42305.3	42180.4	42080.7	41934.6	41815.0	41656.7	41519.7	41353.5
10°	42912.4	42903.0	42877.0	42839.0	42780.9	42715.7	42616.2	42512.5	42373.9	42223.2	42038.5
12.5°	42024.4	42120.3	42251.0	42328.5	42422.8	42464.1	42502.8	42493.1	42467.6	42391.5	42284.7
15°	39774.9	40044.3	40401.1	40677.6	40995.7	41226.9	41482.3	41641.4	41800.0	41873.3	41918.1
17.5°	36196.4	36706.6	37346.4	37876.6	38488.3	38979.6	39518.2	39923.7	40340.7	40639.4	40909.5
20°	31599.9	32339.1	33243.9	34043.3	34972.7	35780.4	36665.6	37392.2	38141.6	38727.6	39282.1
22.5°	26614.2	27492.1	28586.1	29599.4	30797.7	31874.5	33089.5	34146.9	35251.0	36173.4	37065.3
25°	21711.6	22674.4	23870.6	25001.2	26358.2	27610.8	29051.7	30369.7	31796.7	33035.6	34259.6
27.5°	17234.9	18180.1	19401.3	20604.8	22039.8	23374.4	24918.4	26370.4	27995.3	29493.6	31026.5
30°	13555.4	14357.1	15452.1	16617.7	18033.1	19391.2	20951.8	22445.3	24135.6	25771.6	27498.1
32.5°	10739.5	11350.3	12211.1	13196.8	14502.7	15795.6	17281.6	18723.3	20387.8	22040.5	23836.2
35°	8529.2	9005.5	9661.9	10431.1	11536.9	12651.5	13965.8	15276.9	16829.8	18398.1	20143.4
37.5°	6725.7	7112.2	7626.3	8204.1	9091.1	10005.7	11083.5	12170.4	13519.8	14909.9	16491.7
40°	5252.0	5565.0	5965.2	6396.1	7065.9	7770.6	8604.1	9447.0	10531.1	11667.2	12976.3
42.5°	4125.8	4356.8	4639.4	4954.4	5579.3	5953.4	6518.7	7128.3	7925.2	8750.0	9734.2
45°	3313.4	3470.9	3667.0	3878.2	4168.2	4485.7	4872.7	5278.6	6035.8	6407.2	7005.7
47.5°	2767.0	2872.8	2997.5	3130.6	3301.7	3486.3	3715.9	3950.5	4254.1	4568.8	4937.6
50°	2399.0	2506.6	2549.4	2618.4	2717.4	2822.8	2952.2	3081.6	3244.4	3409.5	3599.3
52.5°	2126.0	2161.0	2207.5	2251.5	2312.7	2432.8	2471.6	2539.2	2630.6	2719.9	2819.6
55°	1917.4	1940.2	1970.5	1996.9	2034.1	2069.5	2120.7	2165.6	2226.5	2280.4	2346.6
57.5°	1755.0	1769.6	1790.6	1808.0	1832.0	1852.0	1881.9	1906.4	1941.4	1971.8	2012.0
60°	1637.1	1646.8	1660.9	1672.2	1687.5	1698.0	1712.8	1724.3	1742.8	1758.3	1780.6
62.5°	1540.7	1545.8	1555.0	1561.7	1571.4	1576.6	1584.6	1589.6	1599.7	1607.5	1620.0
65°	1425.1	1426.3	1432.5	1435.3	1443.0	1445.7	1452.2	1454.5	1463.0	1468.7	1479.7
67.5°	1330.4	1327.8	1327.9	1325.8	1326.7	1324.5	1325.2	1322.8	1326.1	1327.9	1336.3
70°	1243.9	1240.2	1239.1	1235.1	1233.9	1229.9	1228.7	1225.0	1224.5	1223.4	1226.3
72.5°	1159.7	1158.7	1159.0	1156.2	1155.9	1153.1	1153.2	1151.4	1153.4	1154.2	1158.0
75°	1062.8	1063.1	1064.9	1062.5	1063.2	1060.9	1061.7	1059.5	1060.7	1060.3	1064.1
77.5°	944.8	947.6	952.7	951.7	953.3	950.7	951.9	948.8	949.6	947.6	949.1
80°	812.2	818.1	825.0	824.7	827.6	825.6	828.3	825.3	826.6	823.0	822.1
82.5°	654.6	659.6	667.0	667.3	673.8	675.0	682.1	681.8	686.4	683.5	681.4
85°	447.6	451.0	457.4	461.0	467.6	471.6	478.6	481.4	476.4	485.5	478.3
87.5°	233.7	242.4	237.6	248.8	246.2	257.6	255.2	265.8	263.7	272.9	271.7
90°	68.6	68.8	75.5	76.1	84.2	85.8	91.0	88.9	94.0	92.1	97.0
92.5°	48.2	51.5	54.6	57.7	60.8	64.1	61.0	58.2	55.3	52.7	49.5
95°	64.7	69.1	73.7	78.2	82.7	87.3	82.4	77.7	72.8	68.0	63.0
97.5°	75.5	80.5	85.3	90.2	95.2	100.1	94.3	88.6	82.8	77.2	71.5
100°	105.4	114.9	124.3	133.6	143.2	152.6	142.0	131.3	120.8	110.1	99.4
102.5°	207.7	229.3	250.9	272.7	294.2	315.8	293.2	270.8	248.0	225.3	202.7
105°	383.6	418.3	452.8	487.4	522.0	556.9	520.2	483.5	446.7	410.1	373.2
107.5°	563.3	597.0	631.0	664.7	698.5	732.5	695.4	658.2	621.1	583.9	546.6
110°	667.1	687.5	707.9	728.6	748.9	769.6	742.5	715.5	688.4	661.3	634.2



TEST NUMBER: P1444548  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	687.9	698.6	708.9	719.5	729.9	740.4	721.2	702.2	682.8	663.7	644.4
115°	647.9	651.5	655.2	658.9	662.4	666.1	653.3	640.6	627.9	615.1	602.0
117.5°	572.8	572.8	572.6	572.9	572.6	572.6	565.6	558.8	551.7	544.7	537.7
120°	497.1	495.2	493.1	491.0	488.8	486.6	484.0	481.5	478.7	476.0	473.1
122.5°	432.1	431.1	429.8	428.7	427.2	426.0	425.3	424.8	423.9	423.2	422.4
125°	381.8	382.5	383.1	383.9	384.4	384.9	384.8	384.9	384.7	384.8	384.6
127.5°	348.9	351.0	352.8	354.8	356.5	358.5	358.8	359.5	359.8	360.2	360.6
130°	330.3	333.4	336.1	338.8	341.4	344.4	344.5	344.9	345.2	345.5	345.7
132.5°	320.9	324.2	327.2	330.5	333.5	336.6	336.7	337.1	337.0	337.4	337.5
135°	316.5	319.5	322.3	325.6	328.2	331.1	331.2	331.4	331.2	331.6	331.6
137.5°	314.6	317.5	319.8	322.3	324.5	327.1	327.0	327.1	327.0	327.3	327.2
140°	314.7	317.0	318.8	320.9	322.9	324.9	324.7	324.6	324.4	324.2	324.0
142.5°	315.8	317.6	319.0	320.8	322.1	323.9	323.1	322.7	322.2	321.7	321.2
145°	318.5	319.9	321.0	322.2	323.0	324.3	323.5	322.9	321.9	321.3	320.6
147.5°	319.9	320.8	321.4	322.5	322.9	323.9	323.0	322.3	321.5	320.6	319.8
150°	320.3	321.3	321.9	322.6	323.1	324.0	322.9	322.1	321.0	320.1	319.3
152.5°	319.4	320.2	320.8	321.2	321.8	322.3	321.2	320.7	319.5	318.5	317.6
155°	319.8	320.5	320.8	321.3	321.5	321.9	320.9	320.5	319.6	318.7	317.7
157.5°	321.2	321.8	322.3	322.6	322.9	323.4	322.7	322.2	321.4	320.9	320.2
160°	323.5	324.0	324.3	324.6	325.1	325.2	324.7	324.4	324.0	323.3	322.7
162.5°	326.6	327.3	327.7	328.1	328.7	329.1	328.5	328.0	327.3	326.8	326.1
165°	329.7	330.2	330.6	331.0	331.2	331.6	331.2	330.9	330.4	330.2	329.6
167.5°	333.7	334.4	334.7	335.1	335.3	335.6	335.1	335.1	334.5	334.0	333.5
170°	336.8	337.3	337.8	338.2	338.5	338.7	338.5	338.3	337.8	337.5	337.0
172.5°	340.3	340.8	340.9	341.3	341.4	341.8	341.5	341.1	340.7	340.3	339.9
175°	341.3	341.5	341.8	341.8	341.8	341.9	341.6	341.2	340.9	340.5	340.2
177.5°	343.1	343.1	343.1	343.0	343.0	343.0	342.8	342.5	342.3	342.1	341.6
180°	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4



TEST NUMBER: P1444548  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1	39684.1
2.5°	39933.4	39916.1	39904.9	39890.7	39881.9	39870.9	39862.8	39855.9	39850.3	39845.2	39841.3
5°	40494.9	40405.6	40336.4	40261.3	40199.8	40138.3	40090.9	40051.6	40024.6	40004.3	39992.3
7.5°	41209.8	41046.4	40901.2	40748.2	40611.1	40476.3	40360.1	40259.9	40184.7	40136.1	40106.5
10°	41848.3	41629.6	41413.3	41185.6	40969.7	40760.3	40567.0	40397.0	40262.4	40173.0	40120.8
12.5°	42134.6	41948.2	41727.3	41480.1	41215.5	40947.7	40686.9	40451.6	40254.1	40121.5	40045.0
15°	41882.5	41806.0	41656.0	41464.2	41213.1	40936.3	40630.0	40342.0	40077.1	39905.3	39805.7
17.5°	41062.5	41169.3	41157.8	41084.5	40903.9	40671.0	40358.8	40035.3	39704.0	39474.4	39348.9
20°	39678.8	40014.5	40184.7	40272.1	40201.2	40050.2	39767.5	39439.2	39053.0	38753.3	38570.3
22.5°	37734.3	38327.0	38696.2	38966.4	39023.7	38972.3	38722.7	38410.4	37980.0	37619.6	37349.5
25°	35231.2	36099.3	36683.0	37140.4	37318.2	37364.0	37151.7	36841.2	36361.2	35941.5	35570.4
27.5°	32282.7	33410.8	34190.1	34804.8	35082.3	35202.6	35007.2	34690.4	34122.7	33621.6	33136.9
30°	28963.4	30301.8	31240.0	31977.1	32315.4	32474.4	32266.7	31913.2	31252.5	30649.5	30038.8
32.5°	25410.7	26875.3	27897.6	28698.1	29033.3	29182.9	28911.3	28514.1	27750.5	27040.2	26328.0
35°	21691.1	23169.4	24200.3	24979.6	25260.4	25350.6	25003.2	24544.2	23698.2	22918.5	22142.1
37.5°	17895.7	19271.0	20208.0	20907.3	21081.2	21096.7	20678.2	20171.2	19282.0	18513.3	17740.3
40°	14133.1	15292.9	16049.4	16609.2	16669.5	16615.7	16160.7	15650.4	14818.6	14129.9	13451.3
42.5°	10588.9	11464.4	12004.2	12387.8	12365.0	12258.6	11841.4	11402.8	10716.5	10192.0	9657.9
45°	7552.6	8129.8	8445.4	8669.9	8597.8	8496.5	8171.8	7864.3	7398.0	7059.1	6700.3
47.5°	5246.9	5936.2	5816.2	6255.0	5877.0	6126.6	5606.6	5319.9	5072.5	4892.4	4689.6
50°	3756.3	3914.3	3990.6	4042.6	4015.0	3976.6	3883.2	3799.7	3686.6	3604.2	3508.2
52.5°	2900.9	2979.8	3023.1	3054.4	3048.3	3034.3	2993.5	2956.4	2903.4	2868.5	2826.4
55°	2457.2	2458.4	2537.9	2503.8	2554.3	2495.1	2518.4	2452.9	2463.5	2407.3	2369.6
57.5°	2041.8	2074.2	2088.8	2102.9	2098.9	2096.4	2080.6	2072.8	2054.9	2049.5	2036.8
60°	1796.0	1813.0	1816.5	1823.0	1817.6	1815.5	1803.1	1798.7	1786.8	1784.6	1776.2
62.5°	1627.5	1636.2	1636.2	1636.2	1629.2	1622.4	1608.7	1601.5	1591.3	1589.1	1584.3
65°	1486.9	1495.9	1497.4	1499.2	1494.1	1488.9	1476.7	1469.0	1458.5	1454.5	1449.0
67.5°	1341.8	1351.4	1354.6	1359.4	1356.5	1355.4	1347.2	1344.1	1337.2	1335.6	1330.4
70°	1227.7	1231.7	1231.4	1231.3	1224.8	1219.1	1209.5	1204.9	1197.8	1196.3	1191.6
72.5°	1160.0	1162.8	1161.0	1158.5	1150.2	1141.6	1130.4	1122.1	1112.7	1106.9	1100.2
75°	1064.5	1068.2	1065.8	1064.3	1056.7	1051.2	1042.1	1037.6	1031.0	1029.1	1024.5
77.5°	947.3	949.1	945.3	944.8	939.1	935.6	928.8	927.6	922.8	922.9	918.5
80°	816.8	815.8	809.6	808.5	802.7	801.3	796.0	796.3	792.5	794.0	790.9
82.5°	672.1	668.5	660.4	658.0	651.4	650.8	647.3	650.2	647.9	651.4	649.4
85°	481.7	482.7	479.2	479.2	477.2	477.8	477.5	479.8	480.1	483.3	483.2
87.5°	268.6	272.4	271.7	275.2	275.0	279.0	280.3	286.2	286.9	292.3	292.3
90°	95.2	100.7	98.8	104.5	103.9	110.1	110.6	116.7	116.4	121.7	120.2
92.5°	46.7	43.8	41.2	38.1	36.7	34.9	34.1	32.1	30.9	29.2	27.8
95°	58.2	53.3	48.5	43.6	42.0	40.2	38.6	36.9	35.2	33.5	31.9
97.5°	65.7	59.9	54.2	48.5	47.0	45.6	44.1	42.7	41.2	39.8	38.4
100°	88.6	78.0	67.4	56.5	55.3	54.1	52.8	51.7	50.4	49.1	47.8
102.5°	180.1	157.3	134.6	111.8	107.5	103.2	98.9	94.4	90.1	85.8	81.5
105°	336.6	299.7	262.9	226.0	214.3	202.6	190.9	179.1	167.4	155.6	144.0
107.5°	509.3	471.9	434.6	397.2	375.7	354.1	332.4	310.6	289.1	267.3	245.6
110°	607.1	579.9	552.7	525.3	508.2	490.7	473.3	455.8	438.6	421.0	403.6



TEST NUMBER: P1444548  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	625.0	605.6	586.3	566.6	559.0	551.0	543.4	535.4	527.6	519.5	511.7
115°	589.0	576.2	563.2	549.9	547.4	544.7	542.1	539.2	536.8	533.9	531.0
117.5°	530.7	523.5	516.3	509.1	509.7	510.4	511.2	511.7	512.2	512.5	512.9
120°	470.3	467.5	464.7	461.8	464.6	467.2	469.9	472.2	474.7	477.0	479.3
122.5°	421.8	420.8	420.1	419.0	422.4	425.7	428.7	431.8	434.8	437.4	440.2
125°	384.6	384.3	384.2	383.8	387.4	390.7	393.9	396.8	399.9	402.5	405.3
127.5°	361.1	361.4	362.0	362.1	364.9	367.0	369.6	371.7	374.0	375.7	377.8
130°	346.0	346.1	346.4	346.5	349.0	351.3	353.7	355.6	357.7	359.2	361.0
132.5°	337.8	337.8	338.1	338.1	340.1	342.0	343.8	345.1	346.7	347.7	348.8
135°	331.9	331.7	331.9	331.8	333.6	335.5	337.0	338.4	339.9	340.8	341.8
137.5°	327.4	327.2	327.3	327.2	329.0	330.5	332.0	333.3	334.5	335.6	336.4
140°	324.0	323.7	323.7	323.3	324.9	326.3	327.7	328.8	330.0	330.6	331.5
142.5°	320.8	320.0	319.9	319.1	320.4	321.3	322.4	323.3	324.1	324.7	325.2
145°	319.8	318.8	318.2	317.4	318.2	319.1	320.0	320.8	321.2	321.6	322.0
147.5°	319.2	318.1	317.3	316.4	317.3	317.7	318.3	318.7	319.3	319.5	319.8
150°	318.2	317.0	316.0	314.9	315.4	315.8	316.2	316.7	317.1	317.1	317.4
152.5°	316.5	315.4	314.4	313.1	313.5	313.8	314.0	314.0	314.3	314.4	314.4
155°	317.0	315.9	314.9	313.8	314.2	314.2	314.4	314.4	314.3	314.2	314.2
157.5°	319.4	318.3	317.8	316.8	316.8	316.7	316.7	316.2	316.2	315.9	315.5
160°	322.1	321.3	320.7	319.8	319.6	319.4	319.5	319.0	318.8	318.3	318.0
162.5°	325.3	324.5	323.6	322.7	322.5	322.4	322.2	321.7	321.6	321.1	320.8
165°	329.1	328.5	327.9	327.1	326.9	326.6	326.5	325.9	325.6	324.9	324.5
167.5°	333.0	332.4	331.8	330.9	330.8	330.8	330.6	330.3	330.2	329.7	329.5
170°	336.7	336.1	335.7	335.0	334.7	334.6	334.3	334.0	333.5	333.3	332.8
172.5°	339.4	338.9	338.3	337.5	337.5	337.3	337.0	336.9	336.5	336.2	336.1
175°	339.8	339.5	338.8	338.5	338.3	338.2	338.0	337.9	337.6	337.4	337.1
177.5°	341.4	341.2	340.6	340.4	340.3	340.3	340.1	340.0	340.0	339.9	339.8
180°	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4	341.4



TEST NUMBER: P1444548  
CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	39684.1	39684.1
2.5°	39837.8	39835.8
5°	39985.9	39983.6
7.5°	40098.5	40097.9
10°	40111.8	40118.7
12.5°	40031.8	40037.4
15°	39798.1	39809.0
17.5°	39351.3	39365.5
20°	38581.5	38596.4
22.5°	37334.9	37341.0
25°	35522.5	35496.7
27.5°	33051.6	33007.4
30°	29910.7	29867.8
32.5°	26165.7	26138.9
35°	21950.1	21933.2
37.5°	17511.8	17477.4
40°	13203.1	13102.9
42.5°	9424.0	9248.0
45°	6512.8	6304.2
47.5°	4546.6	4417.7
50°	3446.2	3404.6
52.5°	2808.1	2798.4
55°	2369.4	2365.1
57.5°	2039.6	2038.1
60°	1780.6	1780.2
62.5°	1587.6	1588.2
65°	1451.5	1451.8
67.5°	1331.8	1330.9
70°	1193.3	1192.3
72.5°	1098.1	1096.4
75°	1024.5	1023.5
77.5°	919.8	918.2
80°	793.1	790.9
82.5°	652.3	649.9
85°	486.6	486.7
87.5°	297.7	297.6
90°	125.3	123.0
92.5°	26.7	25.5
95°	30.3	28.6
97.5°	36.9	35.5
100°	46.6	45.4
102.5°	77.2	72.9
105°	132.3	120.5
107.5°	224.0	202.4
110°	386.1	368.6



TEST NUMBER: P1444548  
CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	503.6	495.7
115°	527.8	524.9
117.5°	513.2	513.3
120°	481.2	483.5
122.5°	442.5	445.1
125°	407.7	410.1
127.5°	379.2	380.7
130°	361.9	363.3
132.5°	349.5	350.1
135°	342.3	342.9
137.5°	336.7	337.1
140°	331.7	332.1
142.5°	325.4	325.6
145°	322.3	322.3
147.5°	319.4	319.5
150°	317.2	317.1
152.5°	314.1	314.0
155°	313.8	313.5
157.5°	314.8	314.5
160°	317.5	317.1
162.5°	320.2	319.8
165°	323.8	323.2
167.5°	328.8	328.6
170°	332.4	332.1
172.5°	335.6	335.3
175°	337.0	336.8
177.5°	339.8	339.5
180°	341.4	341.4

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-3

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L835-N

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

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2506-472-3  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Photometer: SP1 - 76IN SPHERE  
 Measurement Geometry: 4π  
 Issue Date: 08/05/2025  
 Manufacturer: COOPER LIGHTING SOLUTIONS  
 Product Line: Metalux  
 Catalog Number: **EHBR-60-L835-N**  
 Description: Elevate Round Highbay at, 60000 lumens, 3500K 80CRI LEDs with N lens

**Spectral Parameters**

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

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



**Test Conditions**

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

REPORT NUMBER: SP1-2506-472-3

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

REPORT NUMBER: SP1-2506-472-3

CIE 1931 Chromaticity Diagram



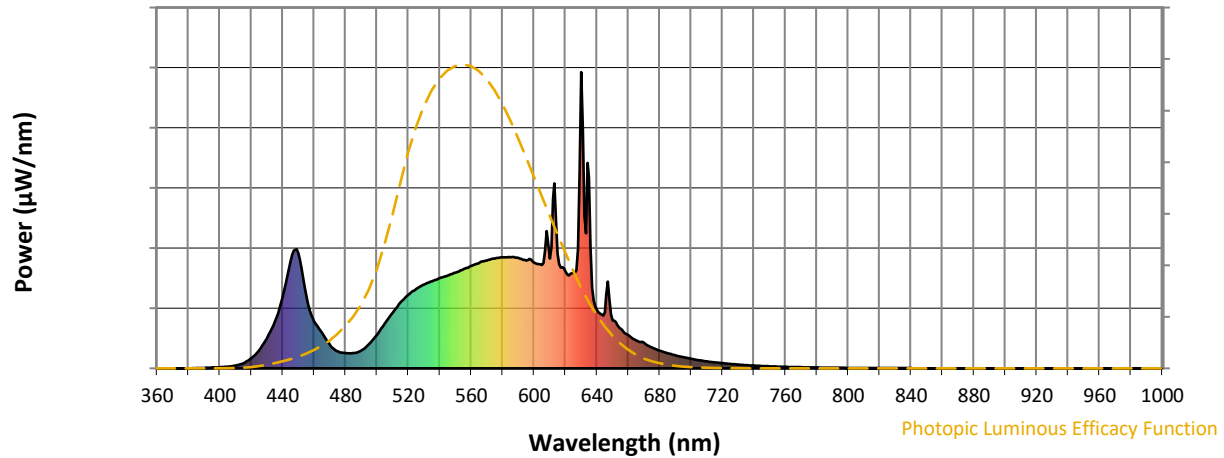
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-3

**Photopic Flux vs. Wavelength**



**Photopic Lumens: NR**

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

REPORT NUMBER: SP1-2506-472-3

**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.43**

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

REPORT NUMBER: SP1-2506-472-3

**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: NR**

**M/P: 2.75**

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

**Summary**

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

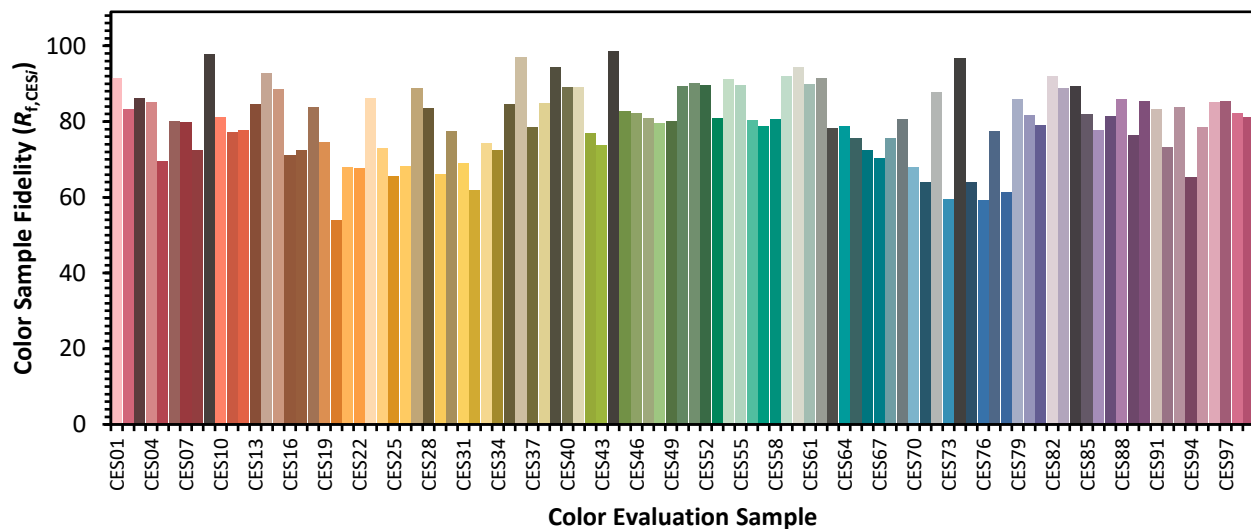


**Color Vector Graphics**

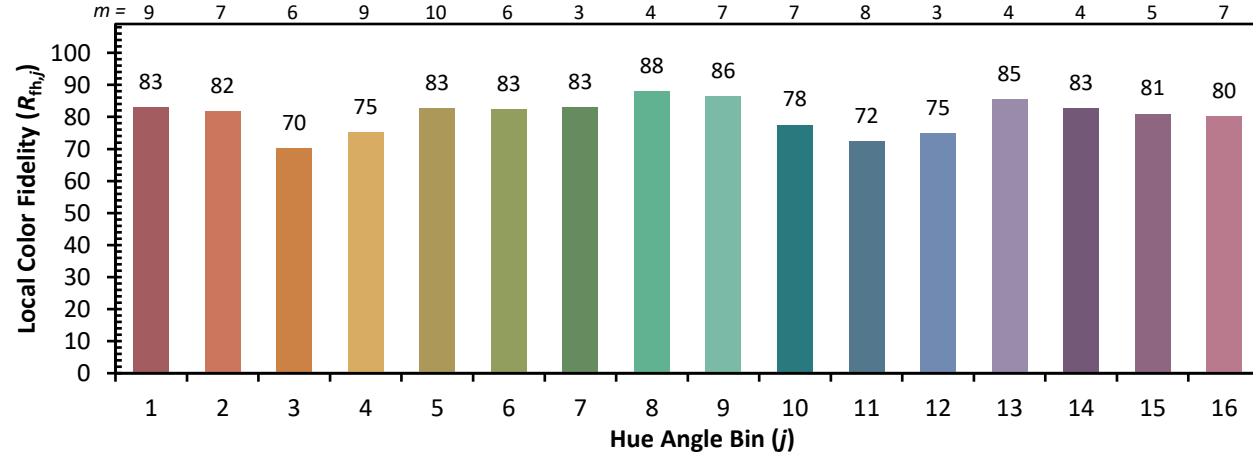


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)