

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: P1444540

Luminaire Tested: EHBR1-42-UNV-TA-L835-UPL18

Issue Date: 5/1/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1444540  
REPORT IS A COMBINATION OF REPORTS P1444323 AND P1431635  
Test Lab: INNOVATION CENTER  
Issue Date: 5/1/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: EHBR1-42-UNV-TA-L835-UPL18  
Description: Elevate Round Highbay at, 42000 lumens, 3500K 80CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

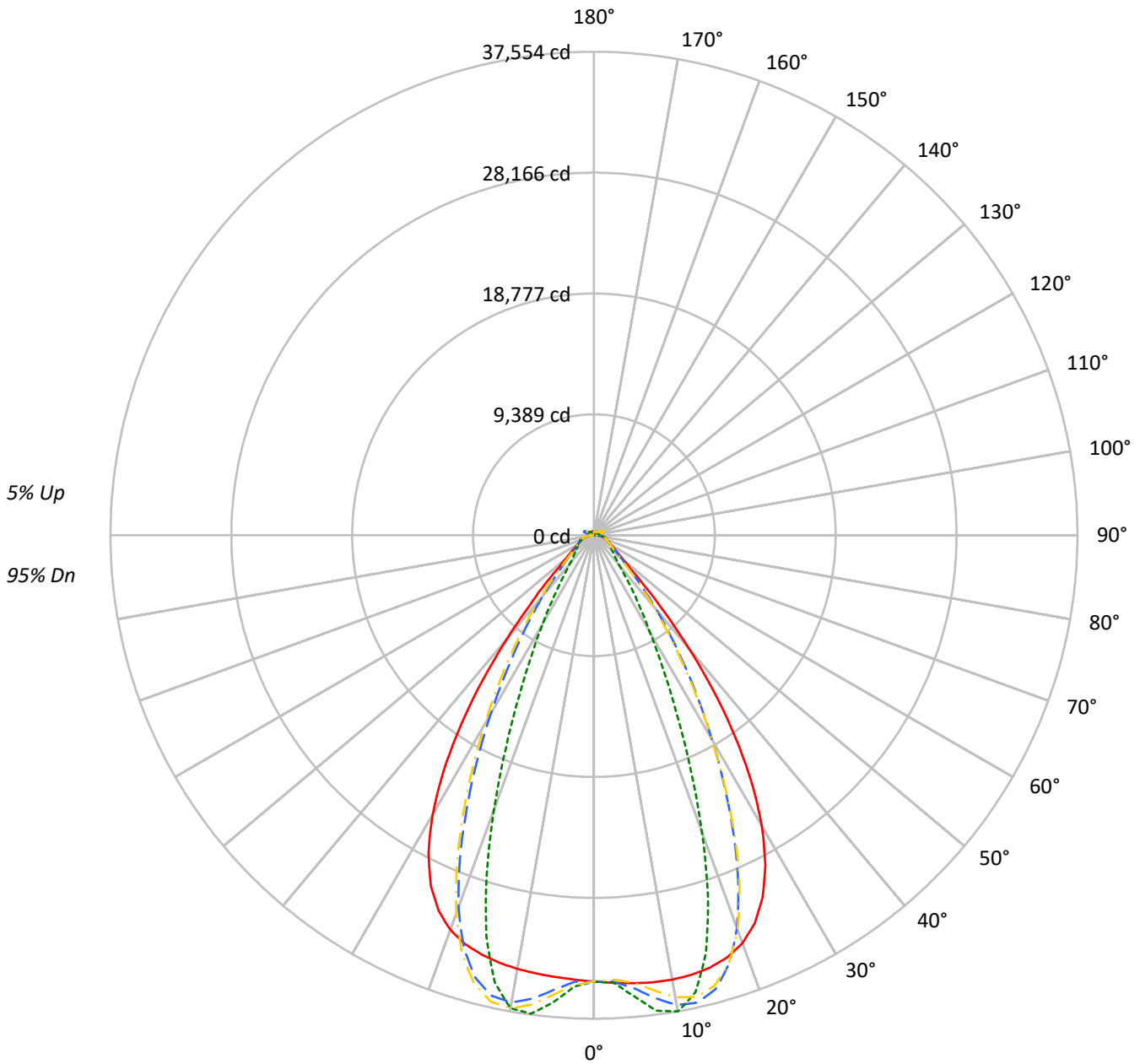
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 41923.5 lumens  
Efficiency: N/A  
Efficacy: 177.4 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): 236.3  
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: P1444540  
CATALOG NUMBER: EHBR1-42-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	108	108	108	103	103	103	98	98	98	98	98	98	95
1	111	107	104	101	108	105	102	99	100	97	95	95	93	92	91	89	88	88	88	88	86
2	104	98	93	89	101	96	91	88	92	88	85	88	85	82	84	82	80	80	80	80	78
3	98	90	84	79	95	88	83	79	85	80	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	68	74	70	67	67	67	67	65
5	87	77	70	65	84	76	69	65	73	68	64	71	66	63	69	65	62	62	62	62	60
6	82	72	65	60	80	70	64	60	68	63	59	66	62	58	65	60	57	57	57	57	55
7	77	67	60	55	75	66	59	55	64	58	54	62	57	54	61	56	53	53	53	53	51
8	73	63	56	51	72	62	55	51	60	55	50	59	54	50	57	53	49	49	49	49	48
9	69	59	52	48	68	58	52	48	57	51	47	55	50	47	54	50	46	46	46	46	45
10	66	55	49	45	65	55	49	44	53	48	44	52	47	44	51	47	43	43	43	43	42

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

	0°	90°	180°	270°
0°	162794	162794	162794	162794
5°	163582	168352	161293	170557
10°	164948	176757	160992	175588
15°	165757	160229	160710	153777
20°	164043	119365	158674	110441
25°	155274	75492	150142	68495
30°	135643	45365	130389	41459
35°	104392	28466	98387	25216
40°	66037	17856	60419	16779
45°	34037	13911	33472	13682
50°	19956	12374	19344	12180
55°	15288	11706	14723	11601
60°	12936	11959	12385	11804
65°	12150	12489	11685	12063
70°	11871	13077	11279	12584
75°	12692	13868	12007	13255
80°	13135	15357	11909	14019
85°	12368	14815	9994	12686

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 25°  
 Vertical Angle: 45°  
 Luminance: 52089 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	3416.4	8.1
10°-20°	9610.7	22.9
20°-30°	10945.8	26.1
30°-40°	7867.4	18.8
40°-50°	3628.4	8.7
50°-60°	1736.3	4.1
60°-70°	1266.9	3.0
70°-80°	962.5	2.3
80°-90°	441.0	1.1
90°-100°	61.2	0.1
100°-110°	322.1	0.8
110°-120°	594.4	1.4
120°-130°	371.5	0.9
130°-140°	249.1	0.6
140°-150°	192.9	0.5
150°-160°	139.7	0.3
160°-170°	86.9	0.2
170°-180°	30.3	0.1
0°-30°	23972.9	57.2
0°-40°	31840.2	75.9
0°-60°	37205.0	88.7
0°-90°	39875.4	95.1
90°-120°	977.8	2.3
90°-150°	1791.3	4.3
90°-180°	2048.0	4.9
0°-180°	41923.5	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	34666	34666	34666	34666	34666	
5°	34927	35946	34439	36417	34927	3338
15°	34775	33615	33716	32262	34775	9798
25°	31008	15076	29983	13678	31008	14057
35°	19160	5225	18058	4628	19160	11759
45°	5507	2251	5416	2214	5507	4684
55°	2066	1582	1990	1568	2066	1907
65°	1268	1304	1220	1259	1268	1267
75°	894	977	846	934	894	930
85°	425	509	344	436	425	399
90°	109	140	27	35	109	69
95°	28	30	28	31	28	26
105°	119	151	82	151	119	157
115°	522	626	546	626	522	483
125°	404	412	455	413	404	367
135°	333	285	357	288	333	259
145°	309	290	327	296	309	195
155°	298	294	315	298	298	138
165°	305	301	315	304	305	86
175°	316	318	322	320	316	30
180°	321	321	321	321	321	



TEST NUMBER: P1444540  
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**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9
2.5°	34798.3	34795.5	34794.9	34792.5	34791.8	34791.8	34790.7	34787.8	34786.1	34782.1	34777.6
5°	34927.4	34925.8	34926.8	34927.0	34924.6	34919.1	34910.7	34900.3	34887.2	34874.8	34863.8
7.5°	35027.2	35029.7	35032.8	35032.1	35024.5	35011.8	34994.5	34984.7	34990.5	35009.4	35052.5
10°	35045.5	35060.4	35066.1	35064.4	35049.2	35038.3	35042.6	35079.2	35152.3	35249.9	35383.2
12.5°	34974.4	34992.6	34992.0	34985.9	34971.3	34986.2	35039.5	35148.7	35305.5	35497.8	35723.4
15°	34774.9	34798.5	34791.8	34784.1	34774.3	34823.2	34929.4	35119.4	35361.4	35632.6	35910.3
17.5°	34387.6	34416.1	34402.2	34393.3	34385.1	34476.8	34659.4	34937.5	35242.3	35549.1	35812.2
20°	33715.6	33734.7	33701.8	33686.2	33699.3	33879.0	34147.9	34503.1	34824.4	35114.5	35294.4
22.5°	32619.1	32642.8	32580.8	32573.6	32650.1	32926.3	33266.5	33663.5	33965.4	34195.3	34264.6
25°	31008.0	31031.3	30957.6	31001.7	31132.0	31508.0	31913.2	32337.8	32595.4	32765.8	32718.8
27.5°	28833.4	28854.7	28784.8	28874.8	29080.8	29574.9	30051.7	30512.3	30741.9	30861.3	30710.1
30°	26090.8	26135.1	26052.5	26178.1	26492.4	27134.0	27680.3	28196.8	28425.8	28516.6	28281.2
32.5°	22833.5	22896.5	22805.5	22992.2	23430.9	24201.4	24822.2	25399.3	25652.5	25756.1	25490.3
35°	19159.6	19250.1	19145.5	19426.0	19966.9	20825.0	21512.4	22156.7	22456.5	22603.5	22335.6
37.5°	15267.3	15353.5	15296.9	15670.9	16265.0	17154.4	17856.0	18551.2	18889.8	19110.3	18899.2
40°	11445.9	11524.8	11567.6	11995.3	12554.0	13392.3	14066.2	14753.9	15132.8	15409.6	15279.4
42.5°	8078.6	8158.1	8303.5	8716.2	9182.1	9876.1	10453.3	11070.7	11432.7	11728.0	11677.8
45°	5507.0	5599.4	5781.6	6119.5	6456.4	6954.2	7378.1	7858.4	8153.9	8424.5	8427.7
47.5°	3859.0	3923.9	4086.7	4317.4	4537.1	5160.3	5185.9	5421.9	5620.7	5822.9	5849.1
50°	2974.1	3013.1	3099.5	3228.1	3352.6	3514.3	3662.4	3833.5	3955.8	4066.7	4093.2
52.5°	2444.5	2469.3	2513.3	2582.9	2655.1	2743.1	2822.4	2916.2	2982.8	3042.2	3054.6
55°	2066.0	2086.5	2152.0	2165.2	2247.8	2263.8	2299.0	2356.1	2394.8	2430.4	2439.3
57.5°	1780.4	1795.3	1809.2	1838.9	1864.3	1901.3	1931.1	1972.1	1996.5	2022.2	2024.4
60°	1555.1	1565.8	1575.7	1596.3	1613.6	1639.3	1659.9	1687.8	1705.3	1724.6	1726.7
62.5°	1387.4	1395.1	1401.7	1415.3	1427.7	1447.4	1463.7	1487.0	1503.3	1518.2	1521.5
65°	1268.2	1273.8	1278.1	1288.3	1299.2	1316.0	1330.7	1349.8	1361.7	1373.2	1375.6
67.5°	1162.6	1168.0	1172.4	1181.7	1189.1	1201.7	1211.6	1225.9	1234.9	1244.0	1244.3
70°	1041.6	1046.6	1049.9	1058.6	1064.6	1075.5	1083.5	1096.3	1105.6	1115.6	1118.3
72.5°	957.8	960.7	965.3	973.2	981.5	993.1	1003.8	1017.1	1028.3	1038.9	1043.3
75°	894.1	897.6	900.5	907.3	913.1	922.9	930.8	943.1	952.7	964.1	969.6
77.5°	802.1	806.0	808.7	815.5	820.5	829.8	835.7	846.7	854.6	864.9	869.9
80°	691.0	694.6	696.5	702.9	706.9	715.5	721.3	731.8	738.5	748.7	754.8
82.5°	567.7	571.3	572.4	578.4	580.6	587.7	591.9	602.7	610.9	624.2	633.5
85°	425.1	426.4	428.5	426.9	435.6	436.0	445.8	447.6	460.5	463.8	478.4
87.5°	259.9	263.7	265.7	271.6	274.2	280.1	281.9	288.2	291.7	298.8	302.1
90°	109.1	115.0	116.9	123.8	125.6	131.9	133.2	140.1	142.0	149.2	151.8
92.5°	24.7	26.2	27.4	29.2	30.6	32.9	34.7	36.4	37.9	40.0	43.1
95°	27.7	29.4	31.0	32.7	34.3	36.1	37.7	39.4	41.0	42.7	47.4
97.5°	34.5	36.0	37.4	38.8	40.2	41.7	43.1	44.5	46.0	47.3	53.0
100°	44.3	45.6	46.7	48.0	49.2	50.4	51.6	52.8	54.0	55.3	65.8
102.5°	71.7	75.9	80.3	84.6	88.8	93.0	97.4	101.5	105.9	110.1	132.7
105°	119.0	130.6	142.4	154.0	165.7	177.4	189.2	200.5	212.2	223.9	260.7
107.5°	200.5	222.0	243.7	265.4	287.0	308.5	330.2	351.7	373.2	394.5	432.0
110°	366.3	383.6	401.0	418.3	435.7	453.0	470.4	487.4	504.9	522.0	549.3



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**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	493.0	500.6	508.5	516.2	524.1	531.6	539.5	547.2	555.0	562.6	582.0
115°	521.7	524.3	527.0	529.5	532.2	534.6	537.4	539.9	542.4	544.8	557.9
117.5°	509.3	508.7	508.1	507.5	506.6	505.9	505.2	504.3	503.4	502.7	509.9
120°	478.7	476.0	473.5	470.8	468.1	465.2	462.6	459.8	457.0	454.0	457.0
122.5°	439.5	436.4	433.4	430.0	426.9	423.4	420.3	416.6	413.4	410.1	410.8
125°	403.7	400.6	397.5	394.2	390.8	387.3	383.9	380.4	376.9	373.3	373.5
127.5°	373.3	371.1	368.8	366.1	363.6	360.9	358.3	355.4	352.8	349.8	349.6
130°	355.1	353.0	350.8	348.4	346.1	343.4	340.9	338.2	335.7	332.9	332.7
132.5°	340.9	339.5	337.7	335.9	333.9	331.6	329.8	327.3	325.3	323.2	322.9
135°	332.7	331.0	329.7	327.8	326.1	323.9	321.8	319.7	317.6	315.3	315.2
137.5°	326.1	324.6	323.2	321.4	319.8	317.6	315.7	313.6	311.6	309.4	309.2
140°	320.2	318.8	317.4	315.7	314.2	312.4	310.4	308.4	306.5	304.4	304.5
142.5°	312.8	311.5	310.6	309.0	307.8	306.0	304.5	302.5	301.0	299.1	299.4
145°	308.8	307.9	306.8	305.6	304.3	302.6	301.3	299.5	298.1	296.5	296.8
147.5°	305.3	304.5	303.8	302.6	301.6	300.2	298.9	297.4	296.1	294.8	295.2
150°	302.3	301.6	300.9	299.9	298.7	297.6	296.3	295.0	293.8	292.4	292.9
152.5°	298.8	298.0	297.3	296.3	295.3	293.9	293.0	291.8	290.5	289.3	289.6
155°	297.8	296.9	296.0	295.2	294.2	293.1	292.0	290.8	289.8	288.6	288.8
157.5°	298.2	297.3	296.6	295.6	295.1	294.0	293.1	292.0	291.2	290.3	290.3
160°	300.0	299.2	298.4	297.5	296.7	295.6	295.0	293.8	293.2	292.2	292.2
162.5°	301.9	301.1	300.4	299.5	298.7	297.7	296.9	296.2	295.4	294.5	294.6
165°	304.7	304.2	303.5	302.9	302.2	301.6	301.0	300.2	299.5	298.7	298.8
167.5°	309.4	308.7	308.2	307.5	306.8	306.0	305.3	304.6	304.1	303.2	303.3
170°	312.3	311.7	311.3	311.0	310.4	309.9	309.5	309.0	308.4	308.0	308.0
172.5°	315.1	314.6	314.4	314.2	313.6	313.4	313.0	312.6	312.3	311.8	312.2
175°	316.4	316.0	315.9	315.6	315.3	315.1	314.9	314.7	314.7	314.4	314.4
177.5°	318.7	318.6	318.6	318.5	318.5	318.3	318.2	317.9	317.8	317.8	317.9
180°	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7



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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°	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9
2.5°	34774.3	34770.0	34764.3	34756.9	34750.6	34743.3	34726.0	34720.8	34726.6	34730.4	34738.4
5°	34856.9	34859.3	34860.2	34876.0	34889.7	34923.7	35190.4	35296.4	35378.3	35430.4	35509.4
7.5°	35106.0	35186.2	35265.4	35372.0	35464.1	35588.3	36054.9	36253.5	36394.7	36496.2	36621.1
10°	35528.1	35703.2	35867.2	36059.4	36224.6	36413.9	36848.3	37041.7	37163.9	37252.8	37335.8
12.5°	35953.4	36196.1	36415.4	36629.3	36808.1	36972.2	37125.0	37192.7	37198.4	37201.3	37157.2
15°	36174.9	36406.9	36600.2	36741.6	36846.7	36893.2	36630.2	36492.2	36317.9	36174.3	35938.0
17.5°	36035.2	36174.3	36257.8	36249.5	36206.1	36060.7	35315.8	34906.0	34499.3	34132.8	33652.1
20°	35413.6	35403.0	35330.4	35124.8	34876.9	34491.5	33214.4	32477.6	31765.2	31139.5	30380.5
22.5°	34257.6	34075.6	33822.0	33378.5	32885.8	32212.4	30382.3	29298.5	28306.8	27430.8	26449.3
25°	32582.3	32208.1	31740.3	31036.3	30270.6	29288.4	27032.8	25684.8	24494.1	23461.3	22328.9
27.5°	30438.4	29874.7	29189.2	28214.7	27177.4	25919.2	23418.5	21930.7	20652.4	19545.2	18340.1
30°	27900.3	27167.1	26281.8	25072.4	23821.1	22394.3	19857.8	18350.9	17057.2	15918.2	14712.0
32.5°	25031.9	24173.2	23135.9	21778.4	20425.3	18958.1	16508.7	15050.1	13814.1	12718.3	11626.6
35°	21868.3	20947.5	19850.0	18465.4	17120.4	15694.0	13446.4	12131.2	11039.8	10071.3	9189.8
37.5°	18474.8	17570.6	16527.5	15222.6	13975.3	12682.7	10743.4	9641.3	8725.4	7921.5	7240.9
40°	14946.5	14155.2	13252.7	12124.5	11060.1	9983.6	8391.7	7516.9	6794.0	6180.9	5670.9
42.5°	11461.3	10848.1	10156.0	9264.5	8449.9	7630.3	6405.0	5756.8	5221.5	4780.2	4419.5
45°	8315.6	7905.4	7441.2	6821.4	6257.8	5686.0	4814.0	4358.5	4009.9	3725.3	3484.6
47.5°	5813.0	5575.0	5560.6	4987.8	4574.5	4224.9	3663.1	3375.4	3161.8	2989.3	2837.0
50°	4082.3	3967.2	3824.2	3619.8	3428.0	3230.4	2888.1	2714.2	2589.1	2484.6	2388.3
52.5°	3051.8	2992.1	2915.8	2807.4	2703.5	2592.4	2375.8	2265.0	2225.7	2128.4	2052.1
55°	2437.5	2403.3	2360.0	2296.3	2233.0	2207.7	2022.0	1939.8	1887.9	1849.5	1808.4
57.5°	2024.8	1999.2	1973.5	1930.3	1893.8	1849.5	1750.8	1708.8	1677.7	1655.1	1626.7
60°	1727.1	1711.8	1697.4	1672.1	1652.3	1628.5	1565.8	1542.1	1525.9	1512.3	1494.2
62.5°	1524.3	1516.5	1509.1	1495.5	1485.6	1472.6	1429.8	1418.4	1410.3	1403.4	1392.4
65°	1378.0	1372.4	1368.2	1359.3	1354.3	1346.7	1310.0	1302.2	1297.3	1294.7	1288.3
67.5°	1245.1	1239.2	1236.5	1230.1	1227.9	1223.2	1193.1	1188.9	1187.2	1188.0	1185.7
70°	1120.7	1118.3	1119.5	1118.6	1121.4	1122.2	1104.0	1103.8	1105.8	1109.6	1110.0
72.5°	1046.2	1046.2	1047.6	1048.3	1051.0	1052.2	1037.0	1036.3	1037.2	1040.0	1040.1
75°	975.2	976.4	980.3	981.5	984.7	985.4	965.4	963.0	963.2	965.8	965.0
77.5°	877.1	881.4	888.7	892.5	898.6	899.8	877.3	874.7	874.8	877.5	875.2
80°	765.7	773.9	785.5	793.6	803.1	806.9	783.8	778.3	773.2	772.4	767.7
82.5°	647.4	657.3	671.3	678.6	688.7	691.0	652.4	645.1	640.7	641.1	636.8
85°	494.2	501.7	514.4	518.6	524.9	524.3	480.2	461.2	466.2	458.4	464.5
87.5°	310.0	314.4	322.3	323.4	326.4	325.7	281.2	272.5	269.9	270.0	266.8
90°	159.4	162.7	170.1	170.7	175.6	175.3	139.7	136.0	132.5	133.8	129.2
92.5°	46.3	49.3	52.5	55.6	58.8	61.9	60.9	62.7	60.0	56.6	54.1
95°	52.3	57.1	62.0	66.9	71.8	76.6	81.4	86.3	81.7	77.1	72.5
97.5°	58.8	64.6	70.1	75.8	81.5	87.4	93.1	98.8	94.0	88.9	84.1
100°	76.6	87.3	97.9	108.6	119.2	129.8	140.6	151.3	141.9	132.3	122.9
102.5°	155.2	178.0	200.7	223.3	245.9	268.7	291.6	314.4	292.6	270.9	249.3
105°	297.5	334.2	371.0	407.5	444.2	480.9	518.2	554.8	520.3	485.7	451.1
107.5°	469.2	506.4	543.5	580.7	617.9	655.2	693.0	730.2	696.5	662.5	628.8
110°	576.4	603.4	630.5	657.6	684.6	711.7	739.6	766.8	746.4	726.0	705.5



TEST NUMBER: P1444540  
 CATALOG NUMBER: EHBR1-42-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°	601.1	620.5	639.8	658.9	678.1	697.4	717.7	737.2	726.8	716.2	706.1
115°	570.6	583.7	596.4	609.3	622.2	634.8	649.1	662.3	658.7	655.1	651.6
117.5°	516.8	523.9	530.9	537.9	544.7	551.7	560.5	567.8	567.9	568.2	568.4
120°	459.7	462.4	465.0	467.9	470.4	473.1	477.9	481.0	483.5	485.6	487.9
122.5°	411.6	412.4	413.1	413.7	414.4	415.0	418.3	419.6	420.8	422.3	423.7
125°	373.5	373.7	373.8	373.9	373.7	373.8	376.9	377.3	377.0	376.5	376.1
127.5°	349.2	348.8	348.4	348.0	347.2	346.9	349.5	349.6	348.0	346.3	344.5
130°	332.4	332.1	331.7	331.5	331.2	331.0	333.9	334.5	331.9	329.1	326.5
132.5°	322.6	322.4	322.0	322.1	321.8	321.5	324.8	325.4	322.7	319.5	316.6
135°	314.9	315.0	314.8	314.6	314.4	314.6	318.2	319.0	316.3	313.3	310.5
137.5°	308.9	309.0	308.8	308.8	308.6	308.7	312.9	313.8	311.4	308.9	306.7
140°	304.5	304.4	304.5	304.7	304.7	304.9	309.5	310.6	308.8	306.7	304.7
142.5°	299.4	299.8	300.2	300.7	301.0	301.6	306.7	308.1	306.7	305.0	303.7
145°	297.1	297.8	298.3	298.8	299.4	300.2	306.0	307.9	306.9	305.6	304.6
147.5°	295.2	295.8	296.2	296.8	297.4	298.4	304.5	306.3	305.7	304.8	304.0
150°	293.1	293.7	294.2	294.8	295.6	296.5	303.5	305.8	305.1	304.6	303.8
152.5°	289.9	290.4	290.8	291.5	292.0	292.8	301.5	304.0	303.5	302.8	302.3
155°	289.0	289.3	289.5	289.9	290.3	291.1	300.5	303.0	302.6	302.2	301.7
157.5°	290.4	290.4	290.4	290.6	290.9	291.2	301.2	304.0	303.5	303.1	302.7
160°	292.1	292.2	292.1	292.1	292.2	292.3	302.8	305.4	305.1	304.7	304.3
162.5°	294.6	295.0	295.0	295.1	295.2	295.5	305.9	308.9	308.3	307.9	307.4
165°	298.8	298.6	298.5	298.7	298.7	298.8	308.6	311.2	310.9	310.4	310.0
167.5°	303.1	303.3	303.3	303.4	303.4	303.8	312.8	315.2	314.9	314.4	314.2
170°	308.0	308.1	308.0	308.2	308.4	308.7	316.3	318.3	318.1	317.6	317.2
172.5°	312.2	312.5	312.7	312.9	313.0	313.4	319.8	321.7	321.4	321.1	320.7
175°	314.6	314.6	314.9	315.2	315.4	315.6	320.8	322.1	321.9	321.7	321.4
177.5°	318.2	318.2	318.4	318.7	318.9	319.1	322.3	323.1	323.0	323.0	322.9
180°	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7



TEST NUMBER: P1444540  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9
2.5°	34740.2	34752.5	34754.2	34768.4	34767.3	34784.3	34781.5	34795.5	34787.4	34798.8	34789.2
5°	35556.2	35630.2	35668.8	35741.1	35763.9	35828.5	35846.8	35905.7	35908.1	35955.0	35944.3
7.5°	36709.7	36818.8	36883.6	36972.9	37018.1	37092.4	37125.2	37180.2	37197.9	37241.7	37245.0
10°	37398.6	37451.6	37488.5	37513.4	37536.2	37546.9	37559.3	37556.0	37559.3	37554.5	37565.1
12.5°	37127.6	37050.4	36999.2	36902.3	36846.2	36739.2	36686.6	36583.7	36546.3	36457.9	36445.2
15°	35755.4	35485.9	35295.4	35018.5	34844.4	34571.9	34412.5	34166.7	34054.4	33859.0	33807.7
17.5°	33254.3	32754.0	32366.8	31870.1	31525.4	31061.2	30769.3	30385.0	30174.6	29864.7	29757.5
20°	29747.8	29007.5	28426.6	27734.8	27239.6	26622.8	26227.8	25729.6	25440.5	25059.9	24905.7
22.5°	25631.0	24709.3	23983.9	23166.7	22569.2	21881.7	21408.5	20869.6	20555.0	20141.5	19958.5
25°	21387.9	20371.5	19565.1	18703.9	18072.7	17383.5	16910.3	16380.8	16055.3	15662.8	15480.8
27.5°	17329.7	16300.9	15521.5	14720.9	14141.8	13520.0	13093.0	12630.7	12341.7	12006.7	11835.6
30°	13748.4	12841.0	12177.8	11513.4	11031.7	10526.7	10171.8	9788.7	9535.2	9248.3	9085.2
32.5°	10830.8	10130.2	9610.9	9083.6	8689.4	8267.4	7960.8	7622.8	7393.9	7137.8	6990.1
35°	8577.8	8033.5	7619.3	7185.3	6846.6	6487.1	6216.9	5925.2	5719.9	5499.3	5371.8
37.5°	6777.4	6344.5	6003.7	5643.2	5365.0	5067.2	4966.9	4632.1	4419.3	4243.3	4121.4
40°	5318.9	4974.7	4692.7	4417.0	4190.1	3964.3	3783.0	3604.2	3466.8	3340.9	3253.8
42.5°	4153.7	3904.3	3698.3	3496.4	3330.8	3166.3	3035.0	2911.8	2819.3	2736.9	2680.8
45°	3301.9	3130.4	2987.3	2845.1	2728.3	2618.5	2530.0	2451.5	2391.7	2342.2	2307.2
47.5°	2712.6	2595.2	2494.3	2398.3	2318.9	2247.0	2187.9	2168.6	2104.3	2061.0	2044.5
50°	2305.4	2234.5	2157.8	2086.9	2034.1	1981.3	1942.9	1905.3	1881.3	1861.4	1855.3
52.5°	2001.4	1947.2	1904.5	1859.7	1824.7	1787.2	1760.7	1735.7	1722.4	1712.1	1710.8
55°	1775.4	1737.5	1709.2	1679.2	1658.2	1636.2	1622.6	1609.3	1603.5	1598.2	1598.6
57.5°	1604.4	1579.1	1560.7	1541.2	1529.9	1519.4	1515.9	1512.5	1514.4	1515.1	1518.0
60°	1479.7	1463.4	1451.8	1440.6	1435.8	1432.5	1435.0	1438.0	1444.1	1448.9	1453.4
62.5°	1384.3	1374.9	1369.3	1363.3	1362.7	1363.0	1368.1	1373.2	1380.7	1386.4	1390.6
65°	1286.0	1280.7	1278.8	1275.0	1276.9	1278.1	1284.3	1288.1	1295.7	1300.2	1305.6
67.5°	1186.7	1185.5	1186.6	1186.6	1190.1	1193.0	1198.9	1203.3	1209.7	1213.9	1218.2
70°	1113.4	1113.9	1116.6	1117.1	1120.8	1122.9	1128.1	1130.9	1136.6	1140.1	1145.3
72.5°	1042.1	1040.9	1041.6	1039.9	1041.2	1040.7	1043.5	1044.9	1049.8	1052.4	1058.9
75°	966.1	962.9	962.2	958.7	958.9	956.3	957.5	957.4	960.6	961.9	966.5
77.5°	874.4	869.0	866.5	860.6	860.5	858.3	860.6	862.1	867.7	870.4	875.7
80°	764.6	756.2	752.3	745.6	746.8	746.4	752.1	756.3	763.3	764.5	771.2
82.5°	635.6	627.0	622.9	616.3	617.8	617.9	623.1	624.0	630.1	632.6	640.3
85°	455.0	458.4	449.3	449.9	448.0	451.6	455.0	459.4	464.4	472.8	479.2
87.5°	268.0	266.8	270.0	270.4	275.1	277.5	285.0	289.2	297.6	304.1	315.9
90°	129.0	124.3	126.4	124.7	128.8	127.1	130.9	128.5	133.1	133.3	139.4
92.5°	50.4	47.8	44.3	41.5	38.1	35.6	33.5	32.5	30.7	29.9	27.8
95°	68.0	63.5	59.0	54.4	49.9	45.4	43.7	42.1	40.4	38.8	37.0
97.5°	79.2	74.3	69.4	64.4	59.5	54.7	53.6	52.5	51.4	50.3	49.2
100°	113.3	103.9	94.5	85.1	75.7	66.3	65.4	64.6	63.7	62.8	61.9
102.5°	227.8	205.9	184.4	162.8	141.3	119.7	115.9	112.2	108.4	104.6	100.9
105°	416.5	381.7	347.2	312.7	278.2	243.6	233.3	222.8	212.5	202.3	192.1
107.5°	595.1	561.1	527.5	493.7	460.1	426.4	410.1	393.8	377.4	361.1	344.9
110°	684.9	664.6	644.4	623.9	603.7	583.4	567.8	552.3	536.6	521.0	505.6



TEST NUMBER: P1444540  
 CATALOG NUMBER: EHBR1-42-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°	695.6	685.3	674.8	664.7	654.4	644.1	636.6	628.8	621.2	613.6	605.8
115°	648.0	644.4	640.9	637.6	634.2	630.7	630.0	629.5	628.6	628.1	627.4
117.5°	568.5	568.9	569.0	569.3	569.7	570.0	573.8	577.5	581.5	585.5	589.6
120°	490.1	492.4	494.6	497.0	499.4	501.9	506.8	512.1	517.2	522.6	528.1
122.5°	425.0	426.3	427.6	429.2	430.6	432.2	437.0	442.1	447.1	452.3	457.9
125°	375.4	375.0	374.6	373.9	373.4	373.2	377.1	381.1	385.1	389.5	393.6
127.5°	342.7	340.7	338.9	337.2	335.3	333.7	335.7	337.8	339.9	342.3	344.6
130°	323.7	321.0	318.0	315.5	312.5	310.0	310.4	311.0	311.3	312.0	312.8
132.5°	313.5	310.4	307.3	304.2	300.9	298.0	297.3	296.6	295.9	295.5	295.2
135°	307.4	304.7	301.5	298.4	295.3	292.5	291.3	290.0	288.9	287.9	286.8
137.5°	304.2	301.7	299.2	296.8	294.2	291.8	290.1	288.8	287.2	286.2	284.9
140°	302.5	300.6	298.4	296.3	294.1	292.2	290.8	289.7	288.3	287.3	286.1
142.5°	301.8	300.3	298.5	297.1	295.3	293.8	292.4	291.3	290.0	289.0	287.9
145°	303.3	302.2	301.0	299.7	298.4	297.4	296.1	295.2	294.3	293.4	292.5
147.5°	303.1	302.2	301.5	300.5	299.4	298.5	297.7	297.2	296.1	295.6	294.9
150°	302.9	302.1	301.3	300.6	299.6	298.9	298.3	297.7	297.0	296.7	296.1
152.5°	301.5	300.7	300.0	299.3	298.4	297.8	297.2	296.8	296.2	295.8	295.2
155°	301.2	300.6	300.0	299.4	298.6	298.3	297.7	297.0	296.5	296.0	295.3
157.5°	302.2	301.6	301.1	300.7	299.9	299.4	298.8	298.4	297.7	297.3	296.7
160°	303.8	303.4	302.7	302.2	301.7	301.2	300.5	300.0	299.2	298.7	297.9
162.5°	306.7	306.0	305.5	304.9	304.2	303.7	303.1	302.5	302.0	301.6	300.9
165°	309.5	308.9	308.4	308.0	307.6	307.1	306.3	305.8	304.9	304.5	303.8
167.5°	313.7	313.3	312.8	312.4	311.7	311.2	310.8	310.2	309.5	308.9	308.0
170°	316.8	316.1	315.7	315.1	314.6	314.1	313.6	313.0	312.3	312.0	311.2
172.5°	320.3	320.0	319.5	319.1	318.5	318.1	317.8	317.4	316.9	316.4	315.9
175°	321.3	321.1	321.0	320.7	320.6	320.3	320.0	319.9	319.6	319.5	319.1
177.5°	322.9	322.7	322.7	322.5	322.3	322.3	322.1	322.0	321.7	321.4	321.3
180°	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7



TEST NUMBER: P1444540  
 CATALOG NUMBER: EHBR1-42-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°	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9
2.5°	34799.2	34790.4	34794.5	34778.2	34782.1	34762.4	34760.6	34738.4	34736.3	34715.3	34707.5
5°	35977.5	35958.1	35979.9	35945.9	35952.5	35908.1	35904.5	35847.2	35827.4	35755.7	35724.7
7.5°	37272.3	37265.0	37278.4	37249.9	37248.9	37209.4	37193.1	37141.7	37109.8	37034.5	36986.5
10°	37556.0	37562.7	37551.7	37554.5	37539.0	37534.8	37519.0	37509.0	37483.2	37463.6	37434.9
12.5°	36378.0	36385.1	36340.1	36368.6	36346.1	36398.7	36394.5	36456.4	36465.9	36544.3	36574.0
15°	33655.5	33647.0	33560.8	33615.2	33586.0	33701.4	33727.2	33882.4	33965.4	34164.7	34287.0
17.5°	29542.7	29520.5	29399.1	29465.2	29431.6	29601.7	29658.7	29907.0	30061.8	30382.9	30611.7
20°	24640.1	24597.5	24455.5	24532.9	24498.2	24691.5	24772.9	25072.9	25272.6	25697.8	26000.4
22.5°	19676.6	19609.4	19470.3	19542.6	19509.8	19710.0	19815.9	20117.0	20345.6	20782.3	21135.4
25°	15219.4	15159.5	15024.9	15075.6	15063.3	15232.7	15327.0	15611.8	15836.4	16252.3	16589.4
27.5°	11608.2	11545.9	11424.4	11460.1	11447.8	11592.1	11681.0	11918.9	12112.2	12462.2	12758.3
30°	8884.3	8809.2	8706.1	8725.9	8717.5	8834.4	8917.4	9117.6	9283.4	9579.3	9834.3
32.5°	6809.8	6734.3	6639.7	6648.9	6636.4	6728.1	6796.5	6970.7	7115.1	7366.7	7588.6
35°	5210.4	5298.7	5096.5	5224.6	5091.3	5287.0	5216.7	5325.4	5449.7	5661.7	5846.8
37.5°	4005.6	3944.0	3892.1	3886.5	3886.2	3931.6	3985.1	4090.1	4199.5	4357.4	4520.6
40°	3174.2	3131.1	3097.5	3094.9	3097.5	3129.6	3169.2	3241.7	3321.8	3435.3	3555.2
42.5°	2632.7	2604.1	2583.7	2582.4	2588.8	2611.7	2639.1	2682.2	2734.3	2807.8	2890.1
45°	2278.6	2262.7	2251.4	2250.8	2253.7	2265.7	2281.5	2308.3	2341.3	2387.2	2439.3
47.5°	2030.2	2026.3	2019.2	2019.5	2016.3	2021.2	2023.0	2038.0	2055.6	2090.2	2158.2
50°	1849.3	1849.3	1844.4	1844.1	1839.5	1839.3	1835.4	1841.3	1849.6	1871.0	1892.7
52.5°	1706.2	1705.8	1700.5	1699.5	1694.6	1694.3	1691.0	1693.3	1694.5	1705.3	1718.3
55°	1594.5	1591.1	1584.3	1582.0	1580.1	1582.9	1581.6	1581.8	1580.4	1584.8	1588.7
57.5°	1514.4	1510.0	1503.4	1501.5	1501.0	1504.4	1504.5	1503.3	1497.3	1493.1	1487.4
60°	1450.8	1446.5	1439.4	1437.7	1438.6	1443.3	1443.1	1439.2	1430.2	1422.3	1413.2
62.5°	1388.6	1386.8	1383.2	1382.7	1381.7	1382.5	1379.3	1375.2	1366.3	1358.0	1348.1
65°	1304.9	1305.8	1303.2	1303.6	1300.3	1299.8	1294.9	1291.0	1281.9	1274.4	1264.2
67.5°	1218.0	1218.7	1216.6	1216.6	1214.8	1215.1	1212.1	1208.4	1200.9	1194.7	1186.8
70°	1146.5	1148.3	1147.1	1147.4	1145.3	1144.6	1140.0	1136.4	1128.5	1123.4	1116.3
72.5°	1060.9	1064.6	1064.5	1065.4	1062.4	1060.9	1055.3	1050.8	1043.7	1039.6	1034.0
75°	968.4	973.3	974.8	976.9	972.5	970.2	964.2	960.6	954.8	952.4	948.7
77.5°	878.0	883.5	888.8	893.7	886.6	880.3	872.8	866.9	858.7	855.5	849.8
80°	776.7	786.4	798.1	807.9	795.1	782.3	769.8	760.6	749.6	745.2	738.0
82.5°	644.3	654.3	661.0	667.3	658.5	649.1	636.9	628.9	617.1	612.7	604.4
85°	489.5	502.0	505.9	509.2	503.6	498.6	487.3	472.0	464.5	452.9	446.8
87.5°	321.9	329.4	330.8	332.0	328.5	326.1	318.7	311.5	298.8	289.6	278.3
90°	138.3	142.4	138.8	139.8	136.1	137.4	130.9	129.3	119.6	116.5	108.0
92.5°	26.7	24.9	23.6	22.0	24.1	25.0	27.0	27.8	29.7	30.7	32.5
95°	35.4	33.7	32.1	30.4	31.8	33.1	34.4	35.8	37.0	38.4	39.8
97.5°	48.1	47.0	45.9	44.8	45.6	46.3	47.1	47.9	48.6	49.4	50.3
100°	61.0	60.1	59.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
102.5°	97.2	93.4	89.7	85.9	88.4	91.0	93.5	96.0	98.6	101.1	103.7
105°	181.8	171.5	161.2	151.0	160.9	170.8	180.7	190.7	200.6	210.8	220.7
107.5°	328.4	312.2	295.9	279.7	298.1	316.2	334.2	352.4	370.5	388.6	406.9
110°	490.0	474.6	459.1	443.7	462.9	482.1	501.3	520.5	539.9	559.1	578.6



TEST NUMBER: P1444540  
 CATALOG NUMBER: EHBR1-42-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°	598.3	590.8	583.2	575.8	588.2	600.5	612.9	625.5	637.9	650.3	662.7
115°	627.0	626.5	626.1	625.6	631.4	637.3	643.1	649.1	655.2	661.0	667.0
117.5°	593.6	597.6	601.8	606.0	607.9	609.8	611.8	613.7	615.8	617.7	619.9
120°	533.5	538.7	544.3	550.0	549.2	548.4	547.8	547.1	546.8	546.1	545.8
122.5°	463.2	468.5	474.1	479.7	478.0	476.4	474.8	473.4	472.0	470.6	469.3
125°	398.1	402.5	407.1	411.8	410.1	408.5	406.9	405.7	404.3	402.9	401.9
127.5°	347.3	350.1	352.7	355.5	354.7	353.9	353.5	352.9	352.6	352.4	352.2
130°	313.7	314.6	316.0	317.1	317.3	317.5	318.1	318.6	319.3	319.9	320.9
132.5°	295.2	295.2	295.2	295.3	296.2	297.1	298.4	299.5	301.1	302.3	304.3
135°	286.2	285.6	285.2	284.8	286.1	287.3	288.8	290.5	292.3	294.4	296.5
137.5°	284.0	283.0	282.4	281.6	282.9	284.2	285.8	287.4	289.2	291.2	293.5
140°	285.4	284.4	284.0	283.2	284.6	285.7	287.4	288.9	290.8	292.7	294.9
142.5°	287.2	286.2	285.7	285.2	286.2	287.4	289.0	290.3	292.0	293.6	295.6
145°	291.9	291.1	290.8	290.3	291.0	291.9	292.9	294.0	295.3	296.5	298.2
147.5°	294.4	293.8	293.6	293.2	293.9	294.4	295.2	295.9	296.9	297.8	299.0
150°	295.9	295.4	295.2	295.0	295.3	295.6	296.2	296.5	297.2	297.8	298.7
152.5°	295.1	294.6	294.5	294.2	294.5	294.7	295.2	295.4	296.0	296.4	297.3
155°	295.1	294.7	294.3	293.9	293.9	293.9	294.1	294.0	294.5	294.5	294.9
157.5°	296.4	295.9	295.6	295.2	295.0	294.7	294.7	294.5	294.7	294.4	294.5
160°	297.6	296.8	296.3	295.8	295.8	295.4	295.6	295.3	295.3	295.3	295.4
162.5°	300.5	300.0	299.6	299.1	298.8	298.4	298.1	297.6	297.3	297.0	296.9
165°	303.1	302.4	301.9	301.3	301.1	300.8	300.6	300.3	300.1	299.8	299.9
167.5°	307.8	307.0	306.5	305.9	305.5	304.9	304.8	304.3	303.8	303.4	303.3
170°	310.8	310.2	309.8	309.3	309.1	308.7	308.6	308.2	308.0	308.0	308.0
172.5°	315.5	315.0	314.7	314.4	314.2	313.9	313.8	313.6	313.4	313.4	313.2
175°	319.0	318.7	318.6	318.3	318.1	318.0	317.7	317.6	317.6	317.3	317.1
177.5°	321.0	320.7	320.6	320.5	320.4	320.4	320.4	320.4	320.4	320.3	320.1
180°	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7



TEST NUMBER: P1444540  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9
2.5°	34685.0	34675.9	34651.8	34640.0	34617.8	34606.6	34589.3	34578.1	34564.1	34553.7	34548.2
5°	35646.0	35601.6	35512.7	35458.0	35362.1	35298.8	35203.5	35133.6	35035.2	34962.6	34869.6
7.5°	36896.3	36828.2	36714.4	36628.0	36493.8	36391.1	36240.4	36119.9	35953.4	35815.2	35645.1
10°	37405.3	37365.6	37314.5	37259.0	37184.5	37111.6	37008.7	36903.8	36764.1	36625.1	36443.4
12.5°	36653.0	36690.3	36764.1	36798.5	36854.9	36874.1	36899.9	36887.8	36865.0	36808.1	36725.8
15°	34522.2	34678.3	34924.9	35095.6	35334.7	35502.5	35724.7	35867.7	36032.4	36130.9	36224.3
17.5°	31017.1	31319.0	31754.3	32101.6	32567.8	32946.8	33411.3	33776.1	34197.4	34520.6	34864.7
20°	26527.6	26950.5	27551.4	28061.7	28737.2	29310.1	30043.9	30658.7	31375.8	31973.6	32618.8
22.5°	21695.8	22193.2	22881.7	23497.2	24303.9	25024.3	25943.8	26756.8	27726.2	28594.7	29555.5
25°	17137.5	17625.0	18326.3	18963.6	19834.5	20628.2	21632.7	22565.2	23690.2	24739.4	25943.8
27.5°	13228.5	13661.5	14278.0	14851.7	15649.3	16428.5	17447.9	18442.3	19642.8	20770.2	22068.3
30°	10216.1	10567.4	11061.3	11522.9	12163.2	12800.4	13708.5	14628.1	15822.7	16991.0	18321.8
32.5°	7917.1	8216.7	8629.0	9003.7	9497.0	9977.6	10646.2	11381.1	12429.0	13548.1	14834.8
35°	6128.8	6384.9	6736.0	7058.7	7464.4	7845.9	8344.8	8869.4	9669.1	10610.5	11762.0
37.5°	4886.2	4990.6	5241.2	5505.6	5842.5	6156.0	6546.4	6934.2	7506.3	8249.0	9189.8
40°	3715.9	3881.8	4085.7	4293.9	4549.1	4800.5	5228.7	5434.9	5811.6	6344.8	7074.9
42.5°	2998.3	3114.9	3258.4	3403.2	3581.0	3756.1	3972.7	4193.3	4474.9	4836.1	5355.4
45°	2509.0	2585.1	2677.6	2774.1	2890.8	3010.3	3155.3	3306.8	3497.6	3719.7	4035.1
47.5°	2182.1	2224.2	2284.5	2350.5	2430.5	2513.3	2607.5	2704.0	2822.6	2954.3	3133.9
50°	1927.0	1962.1	2009.0	2053.1	2108.2	2193.1	2230.5	2283.7	2355.1	2432.6	2533.0
52.5°	1742.4	1765.8	1795.2	1820.5	1855.5	1887.2	1928.8	1965.5	2014.9	2061.4	2126.3
55°	1598.6	1607.1	1623.8	1640.1	1664.3	1686.0	1714.5	1738.5	1770.0	1797.9	1838.8
57.5°	1487.6	1488.4	1496.1	1504.6	1520.2	1533.7	1553.4	1569.2	1591.0	1608.8	1633.3
60°	1407.8	1403.6	1405.2	1408.1	1416.8	1425.7	1438.2	1448.5	1462.3	1472.4	1486.0
62.5°	1341.4	1334.8	1333.2	1332.5	1336.8	1340.0	1346.8	1351.8	1359.7	1364.1	1371.3
65°	1257.5	1249.6	1246.6	1243.0	1244.3	1243.2	1245.9	1246.0	1249.9	1250.8	1255.1
67.5°	1181.5	1174.9	1170.9	1166.1	1163.8	1160.3	1158.9	1155.5	1155.0	1152.2	1151.5
70°	1112.1	1105.7	1102.4	1097.8	1095.5	1090.9	1088.1	1082.4	1079.1	1073.8	1070.8
72.5°	1031.8	1028.2	1027.1	1024.1	1023.3	1020.7	1019.6	1015.6	1013.3	1008.8	1006.2
75°	947.9	944.9	944.7	941.6	941.3	938.3	937.5	933.3	931.0	926.6	924.6
77.5°	847.9	843.6	842.3	838.7	839.6	838.0	839.3	836.1	834.7	830.2	828.8
80°	735.4	729.7	727.4	722.7	723.9	721.8	723.9	723.7	725.4	721.8	721.1
82.5°	602.0	595.8	594.7	591.4	593.6	593.8	598.5	596.0	597.0	593.7	595.1
85°	438.1	433.5	427.0	426.1	422.1	426.2	420.7	424.5	418.5	422.7	417.0
87.5°	271.6	262.1	257.0	250.3	247.7	241.1	238.4	233.7	235.1	232.9	234.2
90°	106.7	99.2	98.3	92.6	93.1	88.2	89.9	86.7	89.1	85.8	88.4
92.5°	33.5	35.0	37.5	40.6	43.0	45.6	48.2	51.2	53.5	56.5	58.9
95°	41.0	42.4	45.9	49.5	52.9	56.5	60.2	63.8	67.3	70.9	74.4
97.5°	51.1	51.9	55.4	59.0	62.4	66.0	69.5	73.3	76.8	80.4	83.9
100°	58.4	58.5	68.6	78.5	88.6	98.9	108.9	119.0	129.3	139.2	149.3
102.5°	106.3	108.8	134.2	159.7	185.1	210.5	236.1	261.6	287.0	312.6	338.2
105°	230.7	240.8	279.5	318.4	357.1	396.0	435.0	474.0	512.8	551.7	590.6
107.5°	425.0	443.3	478.4	513.5	548.5	583.8	619.1	654.2	689.3	724.6	760.0
110°	597.8	617.1	640.5	664.3	687.9	711.5	735.2	758.8	782.6	806.3	830.2



TEST NUMBER: P1444540  
 CATALOG NUMBER: EHBR1-42-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°	675.1	687.8	701.5	715.5	729.3	743.3	757.2	771.1	785.2	799.3	813.2
115°	673.2	679.3	684.6	690.3	695.8	701.4	707.0	712.9	718.7	724.4	730.2
117.5°	621.9	624.3	625.2	626.5	627.5	629.0	630.1	631.5	633.0	634.4	635.6
120°	545.3	544.9	544.3	543.9	543.3	542.9	542.6	542.2	542.0	541.8	541.5
122.5°	468.0	467.1	466.5	466.1	465.8	465.6	465.4	465.4	465.3	465.1	465.0
125°	400.7	399.9	401.1	402.4	403.8	405.2	406.7	408.3	409.8	411.3	413.0
127.5°	352.0	352.1	354.6	357.3	359.9	362.7	365.5	368.6	371.2	374.3	376.9
130°	321.9	323.0	326.1	329.7	332.8	336.3	339.9	343.4	346.6	350.1	353.5
132.5°	305.7	307.8	310.9	314.2	317.5	320.8	324.1	327.6	331.0	334.4	337.6
135°	298.6	301.1	304.0	307.2	310.2	313.4	316.5	319.8	322.6	326.0	328.9
137.5°	295.5	297.9	300.5	303.1	305.6	308.4	311.0	313.7	316.2	318.9	321.4
140°	296.9	299.3	300.9	302.8	304.5	306.3	307.9	309.8	311.3	313.3	314.8
142.5°	297.5	299.8	300.7	302.1	303.3	304.9	306.2	307.6	308.6	309.9	311.0
145°	299.5	301.3	301.7	302.3	302.9	303.6	304.0	304.7	305.0	305.5	305.9
147.5°	300.2	301.6	301.6	301.9	302.3	302.4	302.8	303.1	303.2	303.4	303.7
150°	299.3	300.4	300.1	300.4	300.2	300.3	300.1	300.2	300.0	300.1	299.9
152.5°	297.9	298.5	298.1	298.3	297.9	297.8	297.4	297.4	297.0	296.9	296.8
155°	295.0	295.3	295.2	295.0	294.8	294.7	294.4	294.6	294.6	294.4	294.5
157.5°	294.5	294.5	294.4	294.3	294.0	294.1	293.9	293.9	293.9	294.2	294.4
160°	295.2	295.3	295.2	295.1	295.0	294.9	294.7	294.8	294.9	295.2	295.4
162.5°	296.5	296.4	296.1	296.0	295.9	296.0	295.9	296.2	296.2	296.5	296.8
165°	299.9	300.0	299.5	299.5	299.3	299.2	299.0	299.1	299.3	299.4	299.6
167.5°	303.1	303.0	303.0	303.1	303.1	303.3	303.4	303.9	304.1	304.6	304.7
170°	307.9	308.0	307.8	307.8	307.6	307.6	307.7	307.7	307.8	307.9	308.0
172.5°	313.2	313.2	313.0	312.7	312.5	312.5	312.2	312.2	312.0	311.9	311.7
175°	316.9	316.8	316.7	316.6	316.5	316.3	316.1	315.7	315.6	315.5	315.4
177.5°	320.0	319.7	319.6	319.6	319.5	319.3	319.3	319.2	319.2	319.2	318.9
180°	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7



TEST NUMBER: P1444540  
 CATALOG NUMBER: EHBR1-42-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°	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9
2.5°	34541.4	34541.0	34537.6	34539.1	34539.8	34542.2	34545.1	34548.2	34548.9	34551.4	34551.8
5°	34799.9	34714.3	34651.2	34581.7	34529.3	34482.3	34451.0	34426.1	34416.5	34418.9	34424.7
7.5°	35500.8	35324.4	35178.8	35013.4	34875.4	34729.3	34608.2	34493.0	34409.1	34346.6	34311.7
10°	36270.0	36055.1	35849.6	35610.1	35383.0	35140.5	34921.0	34699.9	34515.5	34355.4	34237.9
12.5°	36611.3	36459.5	36281.8	36055.8	35812.7	35533.0	35250.5	34947.7	34666.1	34404.6	34193.8
15°	36249.9	36250.2	36185.5	36077.0	35908.1	35684.6	35415.5	35099.8	34767.6	34428.5	34118.8
17.5°	35102.7	35319.1	35439.5	35515.7	35492.3	35409.9	35238.7	34996.2	34686.5	34325.3	33947.4
20°	33132.5	33643.0	34007.0	34334.4	34517.8	34639.8	34627.6	34528.9	34308.3	34001.2	33607.5
22.5°	30372.6	31229.5	31905.6	32536.2	32978.4	33338.2	33509.2	33581.7	33481.8	33267.9	32898.2
25°	27020.4	28185.5	29179.8	30144.7	30868.6	31490.6	31864.5	32127.9	32148.8	32037.1	31707.3
27.5°	23295.5	24670.8	25929.2	27211.6	28229.6	29123.9	29710.6	30140.2	30276.6	30258.6	29959.1
30°	19575.4	21019.1	22406.3	23901.7	25161.4	26303.9	27079.0	27659.8	27883.6	27926.5	27638.4
32.5°	16062.1	17485.8	18869.1	20432.5	21818.7	23128.1	24043.9	24733.8	24994.0	25055.4	24739.4
35°	12873.6	14187.1	15501.6	17016.8	18395.1	19751.0	20715.9	21438.2	21681.3	21722.3	21356.5
37.5°	10108.5	11227.6	12373.1	13732.6	14998.3	16271.7	17188.5	17867.4	18044.4	18033.5	17619.6
40°	7780.3	8650.4	9570.8	10690.1	11742.3	12818.8	13593.0	14154.1	14247.2	14178.3	13743.4
42.5°	5850.4	6478.8	7146.1	7981.5	8762.3	9567.9	10131.2	10547.8	10561.1	10452.1	10061.8
45°	4358.5	4971.6	5251.5	5756.6	6259.5	6795.2	7139.1	7396.5	7356.6	7260.8	6964.2
47.5°	3322.6	3558.2	3808.2	4121.4	4414.3	5022.2	4977.2	5390.4	5092.7	5295.8	4849.0
50°	2638.5	2770.2	2904.8	3071.1	3224.1	3383.0	3482.3	3556.5	3546.9	3515.0	3429.4
52.5°	2244.8	2285.5	2351.7	2446.4	2531.8	2617.7	2674.2	2720.2	2721.1	2708.2	2665.0
55°	1876.1	1927.8	1975.4	2037.3	2142.5	2158.7	2239.7	2223.2	2229.7	2207.2	2230.2
57.5°	1654.2	1684.2	1711.0	1747.7	1778.2	1813.7	1834.6	1854.8	1852.8	1848.5	1826.4
60°	1496.9	1513.5	1528.3	1549.8	1566.5	1586.6	1596.2	1606.5	1603.1	1595.7	1576.0
62.5°	1375.6	1386.0	1394.5	1408.4	1418.5	1431.0	1436.0	1440.4	1436.0	1428.9	1411.6
65°	1255.9	1262.6	1268.1	1278.4	1285.6	1296.3	1300.6	1304.6	1300.6	1295.1	1281.9
67.5°	1148.0	1148.7	1148.2	1152.4	1154.6	1161.0	1163.0	1165.9	1161.3	1156.6	1145.3
70°	1066.2	1064.5	1062.5	1064.2	1064.5	1067.6	1068.1	1067.6	1062.1	1053.9	1041.7
72.5°	1002.2	1001.3	999.8	1001.2	1001.2	1004.0	1003.2	1001.7	994.9	987.0	974.9
75°	920.0	919.4	916.3	916.4	913.9	914.7	911.4	909.5	901.9	895.3	884.4
77.5°	823.8	822.2	817.8	816.0	811.2	809.1	802.8	799.7	792.1	786.7	777.4
80°	716.4	714.7	708.9	705.7	698.0	693.1	683.9	678.6	669.7	664.5	655.5
82.5°	592.1	592.8	587.0	583.0	572.0	563.4	551.1	544.4	534.7	529.6	520.3
85°	421.1	415.1	418.3	418.1	411.1	403.8	393.8	386.7	378.4	373.6	367.1
87.5°	231.0	232.4	230.8	229.3	224.5	220.7	212.9	208.8	202.7	199.7	194.9
90°	81.5	80.4	73.8	72.8	66.4	63.3	55.9	53.7	46.8	45.6	40.9
92.5°	55.9	52.9	50.2	46.9	44.3	41.3	38.3	35.4	32.4	31.1	30.3
95°	70.1	65.8	61.6	57.2	52.9	48.6	44.4	40.0	35.8	34.9	34.0
97.5°	79.0	73.9	68.8	63.9	58.8	53.7	48.8	43.6	38.6	38.0	37.5
100°	137.8	126.1	114.5	102.8	91.1	79.4	68.0	56.2	44.6	43.9	43.2
102.5°	309.8	281.6	253.3	225.0	196.9	168.5	140.3	112.0	83.7	79.6	75.5
105°	547.8	505.0	462.4	419.6	376.8	333.9	291.3	248.3	205.5	191.8	177.9
107.5°	719.8	679.5	639.6	599.4	559.1	519.0	478.8	438.6	398.2	374.0	349.9
110°	798.4	766.5	734.9	703.0	671.2	639.4	607.6	575.6	543.8	522.9	502.3



TEST NUMBER: P1444540  
 CATALOG NUMBER: EHBR1-42-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°	790.0	766.9	743.9	720.5	697.4	674.1	650.9	627.6	604.2	591.8	579.3
115°	716.5	702.7	689.0	675.1	661.3	647.5	633.6	619.6	605.6	599.1	592.7
117.5°	629.0	622.1	615.4	608.5	601.6	594.6	587.8	580.7	573.8	571.8	569.7
120°	540.1	538.3	536.4	534.6	532.9	531.2	529.2	527.3	525.2	525.9	526.6
122.5°	466.5	467.7	469.3	470.4	471.8	472.9	474.4	475.3	476.6	478.8	481.0
125°	415.7	418.2	420.9	423.4	426.0	428.6	431.2	433.5	436.1	438.3	440.8
127.5°	380.1	382.9	385.9	388.7	391.7	394.5	397.4	400.2	403.0	405.1	407.5
130°	356.3	358.9	361.7	364.1	366.8	369.4	371.9	374.6	377.1	379.0	381.0
132.5°	340.1	342.6	345.1	347.3	349.8	352.2	354.6	356.9	359.5	361.1	362.7
135°	331.0	332.8	334.8	336.6	338.9	340.6	342.7	344.7	346.8	348.1	349.5
137.5°	323.1	324.7	326.5	328.0	329.9	331.4	333.3	335.0	337.0	337.9	339.3
140°	316.5	318.2	319.9	321.5	323.4	325.0	327.1	328.9	330.9	331.9	333.2
142.5°	312.5	313.6	315.0	316.4	317.9	319.3	321.0	322.7	324.4	325.5	326.6
145°	307.5	308.9	310.5	311.8	313.4	315.1	317.1	318.8	320.8	321.6	322.5
147.5°	304.8	306.0	307.5	308.8	310.2	311.4	313.3	314.9	316.7	317.6	318.3
150°	301.3	302.4	303.7	305.0	306.6	308.1	309.8	311.4	313.5	314.4	315.4
152.5°	298.1	299.3	300.7	302.2	303.8	305.4	307.3	309.0	311.0	311.7	312.8
155°	295.8	297.0	298.4	300.0	301.7	303.1	304.8	306.5	308.3	309.3	310.2
157.5°	295.6	296.7	298.2	299.5	301.0	302.3	304.1	305.4	307.2	308.0	308.6
160°	296.6	297.7	298.9	300.2	301.6	302.8	304.2	305.5	307.0	307.8	308.5
162.5°	298.1	299.2	300.5	301.5	302.9	304.3	305.6	306.8	308.2	308.9	309.7
165°	300.6	301.6	302.6	303.4	304.6	305.3	306.6	307.5	308.7	309.2	310.1
167.5°	305.6	306.2	306.9	307.7	308.6	309.4	310.4	311.2	312.0	312.7	313.3
170°	308.5	309.2	309.8	310.6	311.2	312.0	312.7	313.3	314.3	314.7	315.3
172.5°	312.1	312.4	313.0	313.3	313.9	314.2	314.7	315.3	315.8	316.4	316.8
175°	315.8	315.9	316.1	316.2	316.5	316.8	317.1	317.5	317.6	318.0	318.4
177.5°	319.0	319.1	319.3	319.4	319.8	319.9	320.2	320.3	320.6	320.8	321.3
180°	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7



TEST NUMBER: P1444540  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9
2.5°	34550.7	34550.3	34549.1	34547.7	34546.1	34547.0	34548.5	34552.5	34559.4	34569.5	34582.6
5°	34429.5	34436.5	34440.5	34441.0	34437.4	34435.2	34438.6	34448.1	34467.2	34499.3	34542.7
7.5°	34302.3	34311.0	34324.4	34334.4	34336.3	34333.9	34334.4	34349.3	34384.6	34447.1	34534.9
10°	34166.4	34140.6	34154.2	34179.1	34198.9	34202.6	34205.0	34222.6	34274.2	34368.8	34509.8
12.5°	34041.0	33959.3	33943.5	33966.0	33996.0	34005.7	34003.0	34010.6	34071.1	34196.3	34392.7
15°	33876.1	33722.3	33669.8	33675.5	33712.6	33726.0	33716.2	33701.4	33760.3	33913.1	34167.4
17.5°	33609.1	33361.1	33264.6	33260.3	33303.7	33315.3	33291.4	33245.2	33303.3	33493.9	33809.5
20°	33203.3	32837.3	32655.3	32626.4	32673.6	32659.8	32612.1	32542.2	32618.6	32850.3	33225.8
22.5°	32473.6	32009.9	31699.0	31598.9	31655.3	31617.6	31548.1	31458.8	31560.2	31823.5	32241.6
25°	31281.4	30745.5	30320.0	30081.3	30126.3	30058.8	29983.2	29875.0	29995.9	30298.2	30758.4
27.5°	29529.0	28910.0	28382.7	27987.5	28002.1	27913.6	27826.5	27686.5	27837.5	28195.3	28714.3
30°	27198.7	26482.5	25840.3	25303.3	25255.2	25169.5	25080.3	24896.6	25085.4	25513.7	26120.3
32.5°	24272.3	23477.0	22735.1	22056.0	21928.0	21844.4	21764.8	21553.3	21800.7	22300.0	22996.9
35°	20849.9	20002.8	19198.4	18422.9	18210.6	18127.1	18057.5	17854.9	18163.5	18707.0	19459.6
37.5°	17093.4	16228.0	15429.4	14634.2	14334.3	14220.8	14170.3	14037.7	14393.6	14931.2	15686.9
40°	13237.0	12432.4	11716.3	11013.9	10672.1	10498.6	10472.1	10447.9	10792.1	11258.5	11944.4
42.5°	9629.4	8980.2	8428.1	7891.3	7581.5	7344.5	7344.3	7416.2	7726.1	8075.5	8604.4
45°	6660.9	6225.3	5873.5	5514.8	5610.7	5138.1	5415.7	5273.3	5426.4	5651.6	5995.5
47.5°	4578.7	4340.9	4147.7	3947.3	3801.2	3661.7	3673.9	3763.9	3908.1	4041.7	4220.7
50°	3337.1	3216.0	3117.6	3013.5	2940.8	2879.3	2882.9	2921.8	2997.6	3068.0	3161.6
52.5°	2614.9	2548.1	2494.6	2437.0	2398.9	2368.3	2369.9	2388.9	2429.9	2470.1	2523.8
55°	2155.3	2147.2	2077.7	2026.0	2006.4	1985.9	1989.6	1997.0	2024.9	2048.4	2084.0
57.5°	1806.1	1774.9	1754.0	1726.8	1714.4	1700.0	1703.2	1706.0	1724.7	1740.5	1766.1
60°	1559.5	1537.4	1522.7	1504.2	1495.9	1486.8	1488.9	1490.6	1502.5	1512.8	1531.1
62.5°	1395.8	1376.0	1363.1	1348.8	1343.1	1336.9	1338.4	1338.9	1346.3	1353.9	1367.7
65°	1270.1	1254.4	1243.7	1231.4	1225.4	1219.0	1219.6	1219.6	1225.9	1231.4	1241.9
67.5°	1137.3	1125.4	1118.6	1108.8	1104.6	1098.1	1098.0	1095.9	1100.0	1102.2	1109.2
70°	1030.6	1018.7	1009.9	1000.5	995.3	989.5	989.7	989.8	994.5	999.6	1008.7
72.5°	964.8	953.3	945.5	937.2	932.4	927.4	926.6	926.1	929.5	932.2	938.3
75°	877.5	868.4	863.7	856.1	852.2	846.7	845.8	843.2	844.8	845.4	849.9
77.5°	771.6	763.0	759.3	751.5	748.3	742.0	741.5	738.6	739.9	738.9	742.4
80°	651.0	643.1	641.1	634.7	633.2	627.3	626.5	623.0	624.0	621.3	622.6
82.5°	516.3	509.1	507.6	501.7	501.7	496.4	496.2	490.9	490.9	486.4	479.2
85°	363.7	358.5	356.2	351.4	349.9	345.8	343.5	338.5	336.7	333.5	332.5
87.5°	192.0	188.6	185.7	183.4	179.1	171.5	170.8	165.6	166.0	162.2	162.5
90°	40.1	35.9	35.3	31.4	30.5	27.8	27.1	27.1	27.5	27.5	28.2
92.5°	29.4	28.4	27.3	26.4	25.4	24.3	23.4	24.3	25.4	26.4	27.3
95°	33.2	32.3	31.3	30.4	29.6	28.7	27.8	28.7	29.6	30.6	31.5
97.5°	36.9	36.4	35.9	35.3	34.7	34.2	33.6	34.4	34.9	35.5	36.1
100°	42.7	42.0	41.3	40.6	40.0	39.4	38.7	39.6	40.2	40.8	41.5
102.5°	71.5	67.4	63.3	59.2	55.1	51.0	46.9	51.0	55.1	59.4	63.5
105°	164.2	150.6	136.7	122.9	109.2	95.3	81.5	95.4	109.3	123.0	136.9
107.5°	325.6	301.6	277.2	253.1	228.6	204.5	180.2	204.7	228.9	253.3	277.5
110°	481.3	460.5	439.6	418.7	397.7	376.9	355.9	377.0	398.0	419.0	440.0



TEST NUMBER: P1444540  
 CATALOG NUMBER: EHBR1-42-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°	566.5	554.0	541.2	528.7	515.9	503.3	490.5	503.6	516.4	529.3	542.0
115°	586.2	579.5	573.1	566.5	559.8	553.3	546.4	553.7	560.4	567.3	574.2
117.5°	567.4	565.4	563.3	561.1	558.8	556.7	554.2	556.9	559.4	562.3	564.5
120°	527.0	527.8	528.2	528.6	529.1	529.5	529.8	530.0	530.0	530.0	529.9
122.5°	483.0	485.2	487.2	489.3	491.1	493.1	494.8	493.6	492.2	490.9	489.3
125°	442.8	445.3	447.4	449.5	451.6	453.8	455.3	454.4	452.9	451.5	449.8
127.5°	409.6	411.7	413.6	416.0	417.6	419.6	421.1	420.3	419.1	417.9	416.4
130°	382.6	384.7	386.2	387.9	389.4	390.9	392.0	391.5	390.8	390.3	389.1
132.5°	364.3	365.9	367.5	368.8	370.0	371.3	372.0	372.0	371.7	371.3	370.5
135°	350.8	352.1	353.3	354.7	355.6	356.4	356.9	357.3	357.2	357.1	356.6
137.5°	340.1	341.3	342.2	343.1	343.6	344.2	344.5	345.1	345.3	345.9	345.7
140°	334.0	335.2	336.2	337.0	337.7	338.5	338.6	339.4	339.6	339.9	339.7
142.5°	327.6	328.7	329.7	330.6	331.1	331.8	332.1	332.7	332.9	333.2	333.1
145°	323.6	324.2	325.1	325.9	326.4	326.8	326.9	327.6	328.0	328.3	328.6
147.5°	319.2	320.1	320.8	321.3	321.8	322.2	322.5	323.0	323.6	323.9	324.0
150°	316.4	317.3	318.0	318.9	319.5	320.0	320.2	320.8	321.0	321.3	321.3
152.5°	313.6	314.4	315.1	315.7	316.4	316.9	317.2	317.6	318.1	318.4	318.5
155°	311.0	311.9	312.7	313.5	314.0	314.5	315.1	315.6	316.0	316.3	316.5
157.5°	309.4	310.4	311.0	311.7	312.3	313.1	313.6	314.2	314.5	315.1	315.3
160°	309.1	310.1	310.6	311.3	312.0	312.6	313.2	313.8	314.3	314.6	315.2
162.5°	310.3	311.1	311.4	312.2	312.9	313.6	314.1	314.7	315.2	315.7	316.1
165°	310.8	311.5	312.2	313.0	313.8	314.4	314.9	315.5	315.8	316.2	316.5
167.5°	313.9	314.6	315.2	315.9	316.4	317.2	317.7	318.2	318.5	318.8	319.0
170°	315.8	316.5	317.2	317.6	318.2	318.8	319.2	319.5	319.8	320.1	320.4
172.5°	317.4	318.0	318.5	319.2	319.8	320.4	320.8	321.1	321.1	321.1	321.0
175°	318.7	319.3	319.7	320.2	320.5	321.0	321.5	321.4	321.5	321.4	321.5
177.5°	321.7	322.3	322.8	323.1	323.6	324.0	324.3	324.0	323.8	323.7	323.4
180°	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7



TEST NUMBER: P1444540  
 CATALOG NUMBER: EHBR1-42-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°	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9
2.5°	34601.1	34618.4	34644.9	34668.9	34705.0	34733.5	34776.3	34808.8	34857.2	34888.5	34941.0
5°	34604.2	34671.9	34760.9	34847.8	34952.2	35047.0	35164.8	35265.2	35383.6	35480.2	35601.4
7.5°	34653.1	34783.7	34940.1	35097.7	35276.0	35442.8	35630.8	35800.9	35986.8	36144.1	36316.1
10°	34689.2	34890.5	35121.1	35353.1	35597.4	35824.3	36053.4	36251.4	36436.4	36588.6	36723.1
12.5°	34640.3	34917.7	35213.5	35499.3	35770.8	36005.7	36202.8	36355.0	36460.1	36531.4	36548.1
15°	34473.9	34807.6	35129.3	35413.9	35639.3	35813.1	35903.0	35945.2	35900.0	35824.9	35660.0
17.5°	34163.1	34515.1	34802.8	35027.2	35146.3	35193.4	35119.0	34989.3	34736.0	34454.8	34048.6
20°	33593.3	33921.3	34130.0	34252.4	34220.5	34102.7	33821.3	33479.3	32973.6	32434.5	31723.1
22.5°	32593.9	32880.7	32991.8	33000.9	32806.5	32511.6	32004.1	31417.4	30619.4	29789.9	28769.7
25°	31093.7	31344.8	31362.5	31263.8	30908.0	30430.0	29684.8	28855.0	27770.7	26665.2	25386.8
27.5°	29059.1	29300.1	29241.0	29057.0	28563.1	27923.4	26969.4	25897.4	24560.6	23255.0	21840.7
30°	26501.6	26759.2	26690.0	26453.8	25866.4	25110.4	23987.7	22742.2	21258.1	19863.6	18430.4
32.5°	23440.9	23766.6	23718.8	23494.4	22881.4	22072.2	20854.2	19533.2	18014.8	16640.5	15246.5
35°	19962.1	20357.5	20377.9	20231.2	19662.2	18862.4	17659.6	16381.1	14926.5	13630.0	12342.1
37.5°	16214.0	16672.4	16766.6	16727.0	16255.4	15549.4	14453.5	13306.5	12018.0	10881.7	9780.2
40°	12445.2	12909.2	13070.2	13118.0	12770.0	12223.1	11323.7	10397.9	9347.5	8426.7	7552.2
42.5°	9008.2	9419.6	9575.2	9673.0	9455.8	9091.2	8435.1	7762.8	6993.2	6329.1	5692.3
45°	6256.4	6547.4	6665.8	6764.3	6645.9	6440.2	6025.9	5605.4	5097.4	4663.4	4252.6
47.5°	4374.2	4534.7	4612.8	4660.6	4614.7	4507.5	4281.9	4038.4	3751.7	3498.0	3254.1
50°	3242.2	3327.6	3368.5	3396.1	3362.7	3303.1	3181.0	3048.5	2890.9	2747.3	2606.9
52.5°	2569.4	2618.4	2642.6	2657.5	2638.3	2601.9	2530.8	2452.2	2357.8	2269.0	2222.4
55°	2164.6	2162.0	2218.1	2191.1	2218.1	2157.6	2144.9	2058.4	1980.1	1924.8	1865.1
57.5°	1785.1	1810.5	1821.2	1833.4	1825.5	1814.5	1784.3	1753.3	1712.0	1677.3	1640.5
60°	1545.2	1566.1	1578.0	1589.9	1589.1	1585.0	1567.5	1549.1	1523.2	1502.5	1480.1
62.5°	1380.0	1398.1	1409.7	1421.2	1422.2	1420.6	1407.3	1394.5	1376.9	1363.9	1348.5
65°	1249.9	1262.6	1270.6	1279.7	1279.2	1276.8	1264.9	1254.2	1239.7	1230.6	1219.4
67.5°	1113.9	1123.5	1129.7	1138.3	1140.0	1140.5	1134.0	1128.9	1121.9	1119.2	1115.5
70°	1017.1	1028.9	1038.8	1049.6	1055.5	1058.3	1055.5	1053.0	1048.8	1047.1	1044.1
72.5°	943.9	953.8	961.5	971.4	976.9	980.9	978.7	977.3	973.7	973.2	971.2
75°	853.0	859.8	864.1	871.6	874.5	878.3	876.6	877.5	876.3	879.2	879.1
77.5°	743.6	748.6	750.7	756.1	756.6	761.1	762.1	767.4	771.1	779.4	783.7
80°	620.6	623.8	623.8	629.3	631.7	639.3	642.9	651.5	655.5	662.8	663.4
82.5°	482.0	478.3	482.0	479.8	486.7	495.3	496.4	503.7	505.5	510.0	506.4
85°	329.6	329.3	326.4	326.9	324.6	325.7	324.4	325.8	324.5	324.6	321.3
87.5°	157.9	159.3	155.8	157.0	153.7	155.2	152.2	154.6	151.1	151.6	146.5
90°	28.5	29.0	29.3	29.9	30.9	32.5	34.4	36.1	38.4	39.9	42.0
92.5°	28.4	29.5	30.4	31.5	32.5	35.5	38.4	41.4	44.6	47.3	50.3
95°	32.5	33.4	34.2	35.3	36.2	40.4	44.8	49.1	53.4	57.7	62.1
97.5°	36.7	37.3	37.9	38.4	39.2	44.2	49.4	54.4	59.4	64.6	69.4
100°	42.4	43.1	43.6	44.4	45.1	56.8	68.6	80.2	91.9	103.6	115.3
102.5°	67.7	71.8	75.9	80.3	84.4	112.8	141.1	169.5	197.6	225.9	254.2
105°	150.8	164.5	178.6	192.5	206.2	249.2	292.1	335.1	377.8	420.6	463.6
107.5°	301.9	326.2	350.6	374.9	399.2	439.6	480.0	520.2	560.6	600.9	641.0
110°	461.2	482.0	503.2	524.3	545.2	577.0	609.2	641.0	673.0	704.9	736.8



TEST NUMBER: P1444540  
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**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	555.0	567.7	580.5	593.0	605.8	629.3	652.8	676.2	699.8	722.8	746.2
115°	581.0	587.5	594.4	600.9	607.8	621.9	635.9	649.9	664.0	677.9	691.9
117.5°	566.9	569.4	571.9	573.8	576.2	583.3	590.5	597.6	604.8	611.8	618.9
120°	529.8	529.4	529.1	528.6	528.3	530.3	532.5	534.5	536.6	538.5	540.4
122.5°	487.6	485.7	484.0	482.1	480.3	479.0	478.1	476.9	476.1	474.8	473.8
125°	448.2	446.2	444.4	442.2	440.2	437.9	435.6	433.1	430.7	428.3	425.9
127.5°	415.1	413.2	411.6	409.6	407.7	405.0	402.3	399.6	397.0	394.2	391.4
130°	388.2	386.8	385.6	383.8	382.5	379.8	377.6	375.0	372.6	370.1	367.7
132.5°	369.8	368.7	367.8	366.3	365.3	362.8	360.9	358.4	356.1	353.9	351.8
135°	356.2	355.5	354.9	353.8	352.9	351.0	349.4	347.4	345.7	343.7	342.0
137.5°	345.6	345.0	344.7	344.1	343.5	341.8	340.3	338.8	337.3	335.6	334.1
140°	339.6	339.2	338.9	338.3	337.7	336.1	334.5	332.9	331.3	329.7	328.1
142.5°	332.9	332.6	332.4	331.8	331.3	329.9	328.9	327.5	326.2	324.9	323.7
145°	328.5	328.4	328.3	327.9	327.8	326.3	325.0	323.5	322.3	320.8	319.5
147.5°	324.2	324.1	324.1	324.0	324.0	322.7	321.8	320.5	319.5	318.3	317.4
150°	321.4	321.3	321.4	321.1	320.9	319.8	318.9	317.7	316.9	315.5	314.6
152.5°	318.7	318.8	318.9	318.9	319.0	318.0	317.0	315.9	314.8	313.7	312.6
155°	316.8	316.9	317.1	317.1	317.1	316.2	315.3	314.3	313.4	312.3	311.4
157.5°	315.6	315.9	316.1	316.3	316.4	315.6	314.8	314.1	313.3	312.4	311.6
160°	315.4	315.8	316.1	316.2	316.5	315.8	315.4	314.5	314.2	313.2	312.4
162.5°	316.5	316.9	317.2	317.3	317.6	316.9	316.4	315.8	315.1	314.3	313.6
165°	316.8	316.9	317.2	317.2	317.4	316.9	316.6	316.1	315.7	315.1	314.7
167.5°	319.2	319.3	319.6	319.6	319.8	319.5	319.5	319.0	318.6	318.3	317.9
170°	320.5	320.6	320.8	320.8	320.9	320.7	320.4	320.1	320.0	319.4	319.0
172.5°	321.2	321.2	321.1	321.2	321.1	320.9	320.8	320.7	320.6	320.3	320.1
175°	321.3	321.3	321.3	321.2	321.1	321.1	321.0	321.1	321.0	320.8	320.8
177.5°	323.2	323.1	322.8	322.5	322.3	322.2	322.3	322.1	322.2	322.1	322.0
180°	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7



TEST NUMBER: P1444540  
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**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9
2.5°	34973.5	34757.6	34729.0	34744.2	34780.3	34793.7	34832.5	34843.2	34882.5	34892.1	34929.7
5°	35695.2	35409.7	35423.9	35492.6	35596.5	35658.5	35760.6	35814.0	35911.5	35955.8	36044.0
7.5°	36456.2	36231.9	36301.8	36417.6	36559.7	36658.1	36780.8	36860.7	36966.5	37032.1	37116.8
10°	36829.8	36768.3	36845.3	36936.3	37017.5	37080.9	37133.0	37174.6	37201.8	37227.4	37238.6
12.5°	36545.4	36640.5	36653.6	36644.8	36591.0	36550.0	36457.9	36395.4	36284.3	36216.5	36084.3
15°	35491.4	35700.4	35584.7	35409.5	35153.0	34939.2	34637.3	34412.5	34098.1	33884.8	33569.3
17.5°	33641.7	33905.5	33603.8	33198.3	32682.5	32241.2	31691.7	31255.5	30709.1	30311.8	29801.9
20°	31037.5	31284.1	30746.2	30073.9	29276.0	28604.5	27812.6	27180.7	26444.7	25897.4	25236.7
22.5°	27795.2	27970.8	27213.0	26306.8	25290.2	24451.2	23504.4	22746.9	21907.0	21281.2	20576.8
25°	24208.1	24255.5	23346.5	22302.5	21169.4	20226.6	19215.7	18419.3	17562.7	16928.5	16237.2
27.5°	20587.8	20518.2	19535.6	18428.7	17236.8	16256.8	15270.8	14524.5	13774.4	13203.0	12607.5
30°	17170.5	17002.2	15982.0	14844.2	13687.3	12808.9	11990.4	11391.0	10794.3	10341.0	9863.0
32.5°	14036.9	13799.4	12806.4	11740.4	10765.5	10087.6	9480.8	9027.3	8545.3	8162.5	7761.2
35°	11261.3	11008.3	10128.6	9224.8	8487.0	7987.3	7510.3	7138.2	6729.1	6406.1	6057.6
37.5°	8879.2	8671.9	7934.9	7223.8	6665.8	6278.5	5887.6	5583.6	5245.5	5103.3	4731.0
40°	6854.7	6709.8	6133.5	5609.4	5190.3	5008.4	4611.6	4327.6	4074.8	3866.5	3664.7
42.5°	5346.8	5295.5	4734.8	4325.9	4030.8	3801.6	3580.5	3401.0	3226.3	3082.6	2947.0
45°	3923.8	3883.1	3634.2	3398.2	3197.1	3036.9	2887.5	2764.0	2649.8	2555.1	2469.0
47.5°	3055.4	3042.5	2899.1	2752.8	2626.0	2523.1	2426.1	2344.2	2268.3	2205.1	2184.6
50°	2485.1	2483.4	2399.3	2309.0	2218.8	2159.2	2097.4	2048.9	2000.2	1962.3	1922.3
52.5°	2111.5	2102.3	2045.6	1989.9	1936.2	1897.2	1857.6	1826.7	1794.4	1771.0	1746.1
55°	1817.8	1827.4	1794.6	1761.3	1727.8	1703.4	1675.7	1655.2	1633.2	1618.4	1603.4
57.5°	1613.7	1626.5	1609.3	1590.4	1570.0	1554.0	1534.9	1520.8	1506.0	1496.6	1487.9
60°	1465.4	1479.3	1472.4	1462.9	1450.3	1440.8	1428.5	1420.7	1411.2	1405.9	1401.0
62.5°	1339.5	1356.8	1354.4	1349.9	1341.8	1336.5	1329.8	1326.3	1320.0	1317.8	1315.5
65°	1213.9	1233.4	1233.0	1230.8	1226.3	1224.7	1220.7	1219.9	1216.7	1217.9	1217.6
67.5°	1115.1	1132.0	1135.7	1138.4	1138.3	1139.3	1138.9	1140.6	1140.6	1143.1	1144.6
70°	1043.7	1055.5	1058.3	1061.2	1062.0	1064.3	1064.3	1065.7	1065.3	1067.4	1067.6
72.5°	971.7	987.2	990.1	992.3	992.3	994.5	993.4	993.0	989.9	989.3	987.1
75°	882.0	901.9	906.3	909.1	909.5	911.4	908.7	907.1	901.9	899.8	896.2
77.5°	788.3	809.1	812.1	813.1	811.5	811.9	806.1	802.4	795.8	793.1	789.7
80°	666.4	696.9	699.3	697.4	692.6	691.8	686.3	682.7	674.9	672.1	669.2
82.5°	507.1	542.8	547.8	550.0	546.2	547.1	541.8	539.7	532.5	531.3	526.5
85°	320.2	355.9	361.8	360.9	357.0	356.1	353.0	354.1	353.4	355.4	356.4
87.5°	147.1	181.7	190.0	187.3	186.9	184.5	179.0	181.0	184.3	186.6	186.7
90°	43.7	56.0	57.6	57.0	53.1	51.9	48.3	47.8	44.6	43.9	40.9
92.5°	53.3	56.2	59.2	56.6	53.9	51.3	48.7	45.9	43.3	40.6	38.0
95°	66.3	70.5	74.8	71.3	67.5	64.0	60.4	56.9	53.3	49.8	46.3
97.5°	74.5	79.4	84.3	80.8	77.2	73.6	70.0	66.5	62.9	59.3	55.8
100°	126.9	138.2	149.7	139.6	129.5	119.5	109.4	99.3	89.2	79.1	68.9
102.5°	282.5	310.4	338.6	313.0	287.5	262.0	236.6	211.0	185.6	160.0	134.6
105°	506.2	548.6	591.3	552.1	513.2	474.3	435.5	396.6	357.6	318.7	279.9
107.5°	681.2	720.6	760.5	725.3	690.0	654.9	619.5	584.3	549.1	513.8	478.7
110°	768.6	799.4	831.0	807.1	783.4	759.5	735.7	712.0	688.3	664.8	641.1



TEST NUMBER: P1444540  
 CATALOG NUMBER: EHBR1-42-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°	769.5	791.2	814.1	799.9	786.0	771.8	757.9	743.8	730.0	715.9	702.2
115°	705.7	717.8	731.3	725.3	719.7	713.7	707.9	702.3	696.6	690.8	685.4
117.5°	625.8	630.7	637.0	635.4	634.1	632.5	631.2	629.9	628.7	627.3	626.2
120°	542.3	541.9	543.2	543.2	543.6	543.7	544.1	544.2	544.5	544.8	545.4
122.5°	472.6	468.8	466.8	466.9	467.0	466.9	467.1	467.2	467.4	467.6	467.9
125°	423.5	418.1	414.8	413.2	411.7	410.1	408.5	406.9	405.6	404.1	402.8
127.5°	388.6	382.7	379.2	376.4	373.6	370.7	367.9	365.0	362.3	359.3	356.8
130°	365.3	359.4	356.0	352.6	349.4	345.8	342.5	339.0	335.5	332.2	328.8
132.5°	349.4	343.6	340.4	337.1	334.1	330.5	327.3	324.0	320.7	317.1	314.1
135°	340.1	334.6	331.9	328.8	326.0	322.9	319.9	316.6	313.8	310.5	307.7
137.5°	332.5	327.0	324.6	322.0	319.7	317.1	314.7	312.0	309.6	306.7	304.4
140°	326.4	320.7	318.1	316.6	315.1	313.4	311.8	310.1	308.5	307.0	305.2
142.5°	322.3	316.7	314.4	313.4	312.4	311.2	310.3	309.1	308.0	306.5	305.3
145°	318.1	311.8	309.5	308.9	308.8	308.4	308.0	307.7	307.2	306.6	306.2
147.5°	316.1	309.6	307.3	307.2	307.2	306.8	306.9	306.6	306.7	306.4	306.4
150°	313.4	306.0	303.3	303.6	303.6	303.8	303.9	304.0	304.3	304.4	304.5
152.5°	311.3	302.7	299.6	299.8	300.2	300.3	300.6	301.0	301.4	301.6	301.9
155°	310.2	300.7	297.4	297.2	297.4	297.4	297.5	297.8	298.0	298.2	298.5
157.5°	310.6	300.6	297.3	296.9	296.9	296.8	296.8	297.0	297.1	297.2	297.6
160°	311.6	301.6	298.4	298.0	297.9	297.8	297.6	297.7	297.8	297.9	298.1
162.5°	312.7	302.9	299.8	299.3	299.0	298.9	298.9	298.7	298.8	298.7	299.0
165°	314.0	305.3	302.4	302.1	302.1	301.9	301.8	301.9	302.0	302.0	302.3
167.5°	317.5	309.6	307.4	307.0	306.6	306.2	306.2	305.7	305.7	305.4	305.4
170°	318.6	312.4	310.5	310.3	310.4	310.4	310.2	310.2	310.1	310.1	310.2
172.5°	319.8	315.2	313.8	313.8	314.1	314.2	314.4	314.5	314.7	314.9	315.2
175°	320.7	317.9	317.4	317.2	317.3	317.4	317.5	317.6	317.7	317.8	318.2
177.5°	322.0	321.2	320.8	320.8	320.8	320.8	320.8	320.8	320.8	321.0	321.0
180°	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7



TEST NUMBER: P1444540  
 CATALOG NUMBER: EHBR1-42-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°	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9
2.5°	34936.8	34977.5	34974.4	35012.4	35010.6	35046.3	35039.2	35070.1	35063.1	35089.5	35074.0
5°	36082.8	36160.2	36185.8	36255.7	36270.2	36332.8	36334.1	36383.8	36377.7	36416.7	36396.0
7.5°	37166.9	37239.2	37273.5	37327.9	37354.9	37399.9	37417.5	37454.5	37463.4	37485.2	37484.5
10°	37258.3	37258.0	37275.0	37267.5	37282.6	37273.9	37292.4	37285.7	37313.0	37306.0	37326.7
12.5°	36027.3	35905.1	35860.5	35750.8	35726.8	35632.6	35639.3	35578.9	35608.0	35570.9	35634.1
15°	33381.6	33098.2	32958.2	32711.7	32634.4	32439.6	32423.8	32294.5	32329.4	32261.7	32360.6
17.5°	29471.9	29025.8	28780.9	28421.0	28278.1	28002.7	27947.5	27781.0	27806.8	27722.9	27842.4
20°	24810.5	24271.3	23962.5	23546.4	23360.8	23032.4	22945.3	22758.9	22782.3	22698.8	22834.0
22.5°	20096.1	19531.6	19183.0	18746.8	18509.8	18200.9	18108.2	17921.1	17931.8	17853.3	17983.4
25°	15763.6	15222.5	14884.1	14487.8	14282.1	13999.0	13901.5	13733.5	13743.0	13678.4	13795.1
27.5°	12194.2	11750.2	11467.1	11135.0	10950.6	10717.8	10622.9	10481.6	10481.2	10433.8	10531.2
30°	9529.1	9158.6	8904.4	8615.2	8442.0	8232.0	8140.3	8013.8	8008.3	7974.6	8052.1
32.5°	7461.1	7131.6	6899.6	6645.2	6489.7	6309.4	6222.6	6120.9	6111.7	6081.3	6144.9
35°	5800.1	5522.6	5323.1	5108.8	5124.6	4858.7	4902.9	4696.3	4640.3	4628.1	4675.3
37.5°	4482.7	4267.9	4105.9	3945.4	3836.7	3724.2	3663.7	3609.4	3603.2	3598.0	3631.1
40°	3508.8	3358.4	3240.6	3130.4	3055.7	2987.0	2949.2	2919.3	2912.3	2908.3	2928.4
42.5°	2839.8	2738.3	2662.4	2595.2	2549.7	2512.5	2491.6	2475.1	2469.5	2469.7	2481.5
45°	2399.3	2337.8	2288.8	2247.0	2218.0	2230.7	2193.2	2212.9	2186.9	2213.7	2196.0
47.5°	2112.9	2060.5	2030.2	2000.6	1983.1	1968.9	1969.4	1969.7	1975.2	1976.1	1981.9
50°	1891.9	1861.6	1840.5	1821.6	1812.5	1805.0	1807.7	1809.6	1814.9	1815.3	1819.6
52.5°	1728.3	1708.5	1695.8	1684.0	1680.0	1675.7	1677.5	1676.8	1679.2	1677.9	1681.3
55°	1595.3	1585.9	1581.9	1577.6	1578.2	1577.1	1577.8	1573.6	1571.0	1567.8	1570.8
57.5°	1486.0	1484.8	1487.5	1489.3	1494.3	1496.1	1497.3	1492.3	1487.8	1483.5	1485.9
60°	1402.0	1404.0	1410.7	1416.0	1423.2	1426.6	1428.6	1425.8	1422.5	1419.0	1421.1
62.5°	1319.0	1322.2	1330.1	1336.1	1344.9	1349.4	1354.4	1354.7	1355.9	1354.7	1356.0
65°	1222.6	1226.6	1233.7	1238.8	1246.8	1250.8	1255.9	1256.9	1259.7	1259.1	1261.5
67.5°	1149.4	1153.0	1159.0	1163.7	1170.9	1175.1	1179.5	1179.8	1180.8	1180.6	1182.8
70°	1071.2	1073.0	1078.4	1082.4	1089.6	1093.8	1099.0	1100.5	1103.7	1104.2	1106.8
72.5°	987.9	987.2	990.5	992.2	997.6	1000.9	1007.5	1011.1	1016.5	1017.9	1019.8
75°	897.3	896.5	900.4	901.9	906.5	909.9	917.2	921.9	930.3	933.7	932.9
77.5°	792.3	794.1	801.3	805.3	811.5	815.6	825.2	832.8	848.0	854.7	847.9
80°	674.9	676.8	684.3	687.9	696.1	701.2	711.9	720.7	734.5	737.5	733.6
82.5°	530.6	531.2	537.8	540.7	551.1	558.7	572.3	579.3	587.8	586.5	585.5
85°	361.8	366.7	375.0	383.4	396.2	408.6	421.3	431.8	424.4	436.0	422.9
87.5°	193.3	192.9	204.1	202.4	220.3	230.8	241.8	247.1	253.0	251.8	251.9
90°	40.8	38.6	39.2	36.6	38.0	35.2	37.6	35.0	38.0	34.7	40.0
92.5°	35.3	33.9	32.4	31.1	29.6	28.2	26.7	25.3	23.9	22.4	23.9
95°	42.8	41.4	40.1	38.7	37.3	36.1	34.7	33.4	32.1	30.7	32.4
97.5°	52.3	51.5	50.7	49.9	49.2	48.5	47.7	46.9	46.0	45.2	46.3
100°	58.9	58.9	58.9	58.9	58.7	58.7	58.7	58.7	58.7	58.7	59.5
102.5°	109.1	106.6	104.0	101.3	98.8	96.2	93.7	91.1	88.6	86.1	89.9
105°	241.0	231.1	221.0	211.1	201.0	191.1	181.1	171.2	161.2	151.4	161.6
107.5°	443.7	425.4	407.1	389.1	370.9	352.7	334.6	316.6	298.4	280.3	296.5
110°	617.5	598.2	578.8	559.6	540.3	520.9	501.7	482.5	463.3	444.1	459.5



TEST NUMBER: P1444540  
 CATALOG NUMBER: EHBR1-42-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°	688.3	675.5	663.1	650.6	638.1	625.7	613.3	600.9	588.6	576.1	583.6
115°	679.7	673.7	667.6	661.6	655.7	649.5	643.5	637.7	631.8	626.0	626.5
117.5°	624.9	622.7	620.6	618.4	616.3	614.3	612.3	610.5	608.3	606.7	602.5
120°	546.0	546.2	546.5	547.0	547.5	548.0	548.4	549.2	550.0	550.7	545.1
122.5°	468.2	469.2	470.4	471.6	472.9	474.3	475.8	477.4	479.1	480.7	475.1
125°	401.3	402.3	403.4	404.4	405.5	406.9	408.4	410.1	411.5	413.3	408.6
127.5°	354.1	354.1	354.0	354.3	354.4	354.8	355.4	355.9	356.7	357.7	354.7
130°	325.4	324.4	323.4	322.4	321.4	321.0	320.6	320.0	319.7	319.6	318.4
132.5°	310.6	308.8	307.1	305.4	303.9	302.5	301.2	300.3	299.3	298.5	298.2
135°	304.4	302.1	300.0	297.9	295.7	294.2	292.3	291.0	289.6	288.4	288.8
137.5°	301.7	299.6	297.3	295.3	293.2	291.7	289.8	288.3	287.0	285.8	286.5
140°	303.5	301.3	299.1	297.1	295.2	293.6	291.9	290.5	288.9	288.0	288.4
142.5°	304.2	302.3	300.3	298.5	296.7	295.2	293.8	292.5	291.1	290.2	290.7
145°	305.6	304.3	302.7	301.4	300.1	299.0	297.7	296.9	296.0	295.5	295.7
147.5°	306.0	305.0	303.8	302.8	301.6	301.1	300.1	299.5	298.8	298.4	298.5
150°	304.7	304.0	303.2	302.6	301.9	301.5	301.0	300.6	300.2	300.0	300.0
152.5°	302.3	301.8	301.2	300.7	300.2	299.8	299.4	299.2	298.9	298.7	298.7
155°	298.7	298.5	298.3	298.3	298.1	298.2	298.0	298.2	298.0	298.2	298.3
157.5°	297.7	297.8	297.7	298.0	298.1	298.1	298.2	298.5	298.5	299.0	299.2
160°	298.4	298.4	298.4	298.5	298.5	298.6	298.8	298.9	299.1	299.3	299.7
162.5°	299.1	299.5	299.6	299.8	300.2	300.5	300.9	301.4	301.6	302.1	302.5
165°	302.5	302.6	302.6	302.5	302.8	303.0	303.1	303.5	303.6	304.1	304.6
167.5°	305.3	305.5	305.5	305.7	305.9	306.4	306.6	307.1	307.5	308.0	308.4
170°	310.0	310.0	310.0	310.0	310.0	310.3	310.4	310.5	310.7	311.1	311.2
172.5°	315.2	315.2	315.0	315.2	315.0	315.2	315.2	315.4	315.4	315.5	315.6
175°	318.0	318.4	318.5	318.8	318.8	318.9	319.0	319.2	319.3	319.5	319.5
177.5°	321.0	321.1	321.1	321.1	321.1	321.2	321.2	321.2	321.2	321.1	321.2
180°	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7



TEST NUMBER: P1444540  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9
2.5°	35099.8	35082.2	35100.2	35081.9	35100.2	35078.3	35093.2	35069.5	35075.5	35051.0	35057.3
5°	36427.0	36399.0	36413.9	36377.5	36381.3	36332.8	36331.9	36275.3	36260.5	36196.1	36167.8
7.5°	37500.2	37491.0	37496.2	37472.7	37470.1	37436.9	37421.1	37374.3	37344.9	37285.7	37245.2
10°	37330.3	37357.6	37364.7	37392.6	37398.4	37426.0	37431.8	37459.4	37465.2	37485.6	37485.9
12.5°	35631.2	35724.1	35746.3	35861.0	35909.3	36040.7	36111.1	36255.7	36341.7	36485.9	36574.6
15°	32357.9	32518.6	32582.7	32806.8	32930.7	33192.3	33356.7	33657.1	33869.0	34188.0	34415.5
17.5°	27852.9	28077.5	28178.8	28482.7	28680.9	29067.0	29345.3	29803.3	30153.9	30662.9	31066.3
20°	22857.1	23106.7	23244.3	23591.0	23824.9	24276.0	24623.4	25186.3	25655.6	26300.6	26852.1
22.5°	18024.1	18261.6	18414.4	18767.1	19030.4	19500.9	19889.2	20483.2	21009.1	21735.9	22397.2
25°	13839.1	14056.8	14194.9	14513.9	14761.2	15193.6	15564.3	16135.6	16650.2	17379.2	18057.2
27.5°	10579.8	10762.1	10895.2	11167.2	11385.4	11752.1	12070.5	12542.7	12986.0	13616.8	14220.5
30°	8099.7	8261.4	8390.9	8627.8	8830.0	9147.9	9427.9	9824.6	10191.5	10693.3	11173.6
32.5°	6189.6	6328.7	6444.1	6651.4	6835.0	7121.2	7373.5	7721.1	8036.0	8461.7	8856.9
35°	4719.3	4993.1	4973.7	5259.7	5305.7	5511.1	5736.2	6040.2	6319.1	6681.0	7017.3
37.5°	3662.9	3739.9	3822.4	3948.9	4081.7	4268.6	4458.7	4830.2	4966.4	5239.9	5518.3
40°	2953.8	3005.8	3060.3	3145.7	3238.7	3370.4	3509.0	3686.1	3867.6	4089.4	4315.9
42.5°	2497.2	2526.6	2561.3	2611.5	2668.8	2752.4	2845.0	2965.1	3091.3	3247.5	3406.8
45°	2231.1	2217.1	2227.4	2254.4	2288.9	2339.7	2398.2	2472.5	2554.8	2655.9	2763.5
47.5°	1983.1	1988.7	1991.8	2006.4	2024.9	2059.0	2094.4	2144.9	2242.4	2272.1	2330.8
50°	1819.2	1821.9	1821.0	1828.5	1837.8	1859.9	1882.9	1917.1	1951.3	1996.5	2039.7
52.5°	1681.9	1685.7	1685.2	1690.1	1695.1	1709.1	1723.6	1747.7	1770.1	1798.9	1823.8
55°	1573.4	1578.7	1580.8	1584.8	1587.4	1594.6	1600.5	1612.0	1621.5	1637.8	1652.8
57.5°	1490.0	1497.3	1500.6	1502.0	1499.0	1498.6	1496.7	1499.2	1501.1	1509.9	1518.3
60°	1424.4	1430.2	1431.1	1430.2	1424.8	1421.0	1414.8	1412.8	1411.9	1416.0	1420.7
62.5°	1355.7	1357.8	1356.3	1354.7	1348.5	1344.8	1338.4	1336.0	1333.8	1336.8	1339.2
65°	1260.6	1262.4	1260.6	1259.5	1254.0	1251.1	1245.7	1243.9	1240.8	1241.6	1241.1
67.5°	1183.4	1185.2	1183.8	1182.4	1178.5	1176.7	1172.8	1170.1	1166.5	1165.0	1162.5
70°	1106.4	1107.9	1105.7	1104.2	1099.8	1098.2	1094.5	1093.7	1090.7	1090.1	1087.1
72.5°	1017.9	1018.0	1015.0	1014.0	1010.8	1010.7	1009.2	1010.6	1010.4	1012.0	1011.3
75°	927.3	926.1	922.2	921.5	919.1	920.3	918.6	920.8	921.0	924.3	924.7
77.5°	836.6	831.8	824.6	821.1	816.2	815.5	812.7	814.7	814.0	817.9	819.4
80°	722.1	716.3	706.9	702.4	696.6	695.7	693.1	695.7	694.4	698.9	702.1
82.5°	576.4	571.5	561.7	558.1	551.4	552.1	549.2	552.1	551.7	558.3	562.2
85°	426.4	423.0	413.1	404.1	394.2	388.5	382.9	381.8	380.2	382.9	385.1
87.5°	246.3	243.2	235.3	230.2	212.9	213.6	206.8	206.4	204.8	203.2	206.8
90°	38.8	43.1	42.2	46.2	45.7	50.3	50.2	54.6	53.7	58.1	57.9
92.5°	25.3	26.7	28.1	29.6	31.0	32.4	33.8	35.3	38.4	41.2	44.6
95°	34.0	35.7	37.3	39.1	40.7	42.4	44.0	45.7	50.2	54.7	59.2
97.5°	47.6	48.5	49.5	50.7	51.8	52.8	54.0	55.1	60.1	65.0	69.8
100°	60.4	61.3	62.2	63.1	64.0	64.9	65.7	66.6	76.2	85.6	94.9
102.5°	93.6	97.3	101.1	104.8	108.8	112.6	116.3	120.0	141.7	163.2	184.7
105°	171.9	182.2	192.6	202.7	213.0	223.3	233.7	244.0	278.6	313.1	347.7
107.5°	312.8	329.0	345.3	361.6	377.9	394.2	410.4	426.8	460.5	494.3	528.0
110°	475.0	490.5	506.0	521.6	537.1	552.7	568.3	584.0	604.3	624.5	644.9



TEST NUMBER: P1444540  
 CATALOG NUMBER: EHBR1-42-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°	591.3	598.7	606.5	614.1	621.7	629.5	637.1	644.9	655.2	665.5	675.7
115°	627.0	627.4	628.1	628.7	629.4	630.0	630.8	631.6	635.1	638.5	642.0
117.5°	598.4	594.3	590.4	586.2	582.4	578.7	574.8	571.2	570.8	570.4	570.3
120°	539.9	534.5	529.0	523.6	518.5	513.2	508.3	503.2	500.9	498.6	496.3
122.5°	469.7	464.4	459.1	453.8	448.6	443.7	438.9	434.0	432.5	431.1	429.8
125°	404.0	399.7	395.3	391.2	387.3	383.2	379.4	375.5	376.0	376.3	377.1
127.5°	352.2	349.5	347.0	344.8	342.7	340.4	338.5	336.5	338.4	340.2	342.1
130°	317.4	316.5	315.8	314.9	314.6	314.2	313.7	313.3	316.3	318.8	321.8
132.5°	298.4	298.4	298.8	299.1	299.8	300.3	301.3	301.7	304.9	308.0	311.2
135°	289.3	289.9	290.9	291.9	293.1	294.2	295.5	296.6	299.8	302.6	305.8
137.5°	287.4	288.2	289.3	290.4	292.0	293.1	294.9	296.1	298.6	301.1	303.6
140°	289.1	289.8	290.9	291.9	293.0	294.2	295.6	296.8	299.0	301.0	303.0
142.5°	291.6	292.0	293.0	294.1	295.2	296.1	297.5	298.4	300.1	301.6	303.4
145°	296.4	296.8	297.7	298.4	299.3	300.2	301.2	302.0	303.2	304.3	305.4
147.5°	299.1	299.5	300.1	300.8	301.6	302.1	302.8	303.5	304.5	305.2	306.2
150°	300.5	300.7	301.2	301.4	302.0	302.5	303.2	303.7	304.4	305.0	305.8
152.5°	299.3	299.4	299.9	300.1	300.6	301.1	301.5	302.0	302.7	303.2	304.0
155°	298.6	299.2	299.7	300.1	300.8	301.0	301.6	302.0	302.6	303.2	303.8
157.5°	299.8	300.0	300.7	301.0	301.6	301.9	302.4	302.8	303.5	303.9	304.4
160°	300.3	300.9	301.4	302.1	302.7	303.2	303.8	304.4	304.9	305.3	305.8
162.5°	303.1	303.6	304.1	304.5	304.9	305.5	305.9	306.4	307.2	307.5	308.2
165°	305.1	305.7	306.5	306.8	307.6	308.2	308.7	309.3	309.7	310.3	310.7
167.5°	309.0	309.4	310.2	310.8	311.3	311.8	312.4	312.9	313.4	313.7	314.2
170°	311.7	312.2	312.7	313.3	313.8	314.2	314.7	315.1	315.7	316.0	316.7
172.5°	316.0	316.3	316.7	317.0	317.4	317.8	318.2	318.4	318.9	319.3	319.6
175°	319.5	319.5	319.6	319.8	319.9	319.9	320.0	320.3	320.4	320.6	320.7
177.5°	321.3	321.5	321.6	321.7	321.8	322.0	322.1	322.2	322.2	322.2	322.2
180°	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7



TEST NUMBER: P1444540  
 CATALOG NUMBER: EHBR1-42-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°	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9
2.5°	35032.8	35034.3	35006.0	35004.5	34978.0	34974.7	34948.9	34941.0	34920.1	34912.5	34891.2
5°	36095.7	36061.2	35981.6	35934.9	35856.3	35804.2	35719.2	35663.7	35581.6	35519.7	35437.1
7.5°	37170.6	37117.2	37027.9	36955.5	36846.4	36759.4	36631.8	36527.1	36389.0	36269.3	36124.2
10°	37485.9	37477.7	37454.9	37421.7	37371.0	37314.0	37227.1	37136.6	37015.4	36883.9	36722.4
12.5°	36710.1	36793.9	36908.1	36975.8	37058.2	37094.3	37128.0	37119.6	37097.4	37030.8	36937.5
15°	34745.1	34980.5	35292.1	35533.7	35811.6	36013.5	36236.6	36375.6	36514.2	36578.1	36617.3
17.5°	31619.1	32064.9	32623.7	33086.8	33621.2	34050.4	34520.9	34875.1	35239.3	35500.3	35736.3
20°	27603.9	28249.6	29040.0	29738.3	30550.2	31255.8	32029.0	32663.8	33318.4	33830.2	34314.7
22.5°	23248.7	24015.6	24971.2	25856.4	26903.1	27843.8	28905.1	29828.8	30793.3	31599.1	32378.1
25°	18966.1	19807.1	20852.0	21839.5	23025.0	24119.2	25378.0	26529.2	27775.8	28858.0	29927.2
27.5°	15055.4	15881.1	16947.9	17999.2	19252.7	20418.7	21767.3	23035.7	24455.1	25764.0	27103.0
30°	11841.2	12541.6	13498.1	14516.4	15752.6	16939.2	18302.4	19606.9	21083.5	22512.6	24020.9
32.5°	9381.5	9914.9	10667.0	11528.0	12668.8	13798.2	15096.3	16355.6	17809.7	19253.4	20821.9
35°	7450.6	7866.7	8440.1	9112.0	10078.0	11051.6	12199.8	13345.0	14701.6	16071.6	17596.2
37.5°	5875.2	6212.8	6661.9	7166.7	7941.5	8740.4	9681.9	10631.4	11810.2	13024.5	14406.2
40°	4587.9	4861.3	5210.8	5587.2	6172.3	6788.0	7516.1	8252.3	9199.4	10191.9	11335.4
42.5°	3604.2	3805.9	4052.7	4327.8	4873.7	5200.6	5694.3	6226.8	6923.1	7643.5	8503.3
45°	2894.4	3032.0	3203.2	3387.8	3641.1	3918.3	4256.5	4611.1	5272.5	5596.9	6119.9
47.5°	2417.2	2509.5	2618.5	2734.7	2884.1	3045.4	3245.9	3451.0	3716.2	3991.0	4313.2
50°	2095.7	2189.6	2227.0	2287.2	2373.7	2465.8	2578.9	2692.0	2834.2	2978.3	3144.2
52.5°	1857.1	1887.7	1928.4	1966.7	2020.3	2125.1	2159.1	2218.1	2297.9	2375.9	2463.0
55°	1674.9	1694.9	1721.3	1744.4	1776.8	1807.8	1852.5	1891.8	1945.0	1992.0	2049.9
57.5°	1533.1	1545.9	1564.2	1579.3	1600.3	1617.8	1644.0	1665.3	1695.9	1722.4	1757.5
60°	1430.1	1438.5	1450.8	1460.7	1474.1	1483.2	1496.2	1506.2	1522.4	1535.9	1555.5
62.5°	1345.9	1350.3	1358.3	1364.2	1372.6	1377.2	1384.2	1388.6	1397.4	1404.2	1415.2
65°	1244.9	1246.0	1251.4	1253.8	1260.5	1262.9	1268.6	1270.6	1278.0	1283.0	1292.6
67.5°	1162.2	1159.9	1160.1	1158.1	1159.0	1157.0	1157.5	1155.5	1158.5	1160.1	1167.3
70°	1086.7	1083.5	1082.4	1078.9	1077.9	1074.3	1073.3	1070.1	1069.7	1068.6	1071.2
72.5°	1013.1	1012.1	1012.4	1010.0	1009.7	1007.2	1007.3	1005.9	1007.5	1008.3	1011.6
75°	928.4	928.6	930.3	928.1	928.7	926.7	927.4	925.5	926.6	926.2	929.5
77.5°	825.3	827.8	832.2	831.4	832.8	830.5	831.4	828.8	829.6	827.8	829.0
80°	709.5	714.6	720.6	720.3	722.9	721.3	723.5	721.0	722.1	719.0	718.2
82.5°	571.9	576.2	582.6	582.9	588.6	589.5	595.8	595.6	599.6	597.0	595.2
85°	391.0	393.9	399.6	402.7	408.4	412.0	418.1	420.5	416.2	424.1	417.8
87.5°	204.1	211.8	207.5	217.4	215.1	225.0	222.9	232.1	230.4	238.3	237.3
90°	63.5	64.0	69.9	70.7	77.9	79.5	83.9	81.8	85.9	84.2	88.2
92.5°	47.4	50.7	53.8	56.9	60.0	63.2	60.2	57.4	54.5	51.8	48.8
95°	63.8	68.3	72.8	77.4	81.8	86.4	81.5	76.8	71.9	67.1	62.2
97.5°	74.7	79.6	84.5	89.3	94.2	99.1	93.4	87.7	81.8	76.2	70.5
100°	104.3	113.9	123.3	132.6	142.1	151.6	141.0	130.2	119.7	109.0	98.3
102.5°	206.4	228.1	249.8	271.4	292.9	314.5	292.0	269.5	246.7	224.1	201.4
105°	382.3	416.9	451.5	486.1	520.7	555.5	518.7	482.0	445.2	408.7	371.8
107.5°	561.8	595.5	629.5	663.1	697.0	730.9	693.8	656.4	619.4	582.1	544.8
110°	665.4	685.7	706.2	726.7	747.1	767.6	740.5	713.4	686.4	659.2	632.1



TEST NUMBER: P1444540  
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**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	686.0	696.6	706.9	717.3	727.7	738.2	718.9	699.8	680.4	661.2	641.9
115°	645.6	649.2	652.7	656.3	659.8	663.5	650.6	637.7	625.0	612.1	599.0
117.5°	570.1	570.0	569.7	569.8	569.5	569.4	562.4	555.5	548.3	541.2	534.1
120°	494.0	492.0	489.8	487.5	485.2	482.9	480.3	477.5	474.6	471.9	468.9
122.5°	428.4	427.3	425.9	424.6	423.0	421.6	420.8	420.1	419.3	418.5	417.5
125°	377.6	378.0	378.4	379.1	379.4	379.9	379.7	379.6	379.3	379.2	378.9
127.5°	343.8	345.8	347.5	349.3	350.8	352.7	352.8	353.3	353.5	353.8	354.1
130°	324.3	327.2	329.9	332.4	334.8	337.7	337.7	337.9	338.0	338.2	338.3
132.5°	314.2	317.3	320.1	323.2	326.1	328.9	329.0	329.2	329.0	329.3	329.2
135°	308.6	311.5	314.2	317.3	319.8	322.6	322.5	322.6	322.3	322.5	322.4
137.5°	305.8	308.4	310.7	313.1	315.0	317.5	317.3	317.4	317.1	317.2	317.0
140°	304.8	307.0	308.6	310.7	312.5	314.4	314.1	313.9	313.5	313.3	312.8
142.5°	304.8	306.5	307.8	309.4	310.8	312.3	311.4	311.0	310.4	309.8	309.2
145°	306.6	307.8	308.8	309.9	310.7	311.8	310.9	310.2	309.1	308.4	307.7
147.5°	306.9	307.8	308.2	309.2	309.6	310.5	309.5	308.7	307.9	306.9	306.0
150°	306.3	307.3	307.8	308.4	308.9	309.6	308.5	307.7	306.6	305.6	304.7
152.5°	304.6	305.2	305.7	306.2	306.7	307.2	306.1	305.4	304.3	303.3	302.2
155°	304.1	304.8	304.9	305.5	305.6	306.0	305.0	304.5	303.5	302.6	301.6
157.5°	304.8	305.3	305.7	305.9	306.2	306.6	305.9	305.4	304.7	304.1	303.3
160°	306.2	306.6	307.0	307.3	307.7	307.8	307.2	306.9	306.3	305.6	305.0
162.5°	308.6	309.3	309.7	310.0	310.5	310.9	310.2	309.7	309.0	308.3	307.7
165°	311.1	311.4	311.8	312.2	312.3	312.7	312.2	311.9	311.4	311.1	310.5
167.5°	314.4	314.9	315.2	315.6	315.7	316.0	315.5	315.4	314.8	314.4	314.0
170°	316.9	317.4	317.8	318.1	318.4	318.6	318.4	318.1	317.6	317.4	316.9
172.5°	320.0	320.5	320.6	320.8	320.9	321.3	320.9	320.6	320.2	319.8	319.3
175°	320.7	320.8	321.0	321.0	321.0	321.1	320.8	320.5	320.2	319.8	319.5
177.5°	322.2	322.2	322.2	322.1	322.1	322.1	321.9	321.6	321.4	321.2	320.8
180°	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7



TEST NUMBER: P1444540  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9	34665.9
2.5°	34883.5	34868.4	34858.6	34846.2	34838.6	34829.0	34821.9	34815.9	34811.0	34806.5	34803.2
5°	35374.1	35296.1	35235.6	35170.1	35116.3	35062.5	35021.2	34986.9	34963.2	34945.5	34934.9
7.5°	35998.6	35855.9	35729.0	35595.3	35475.6	35357.8	35256.3	35168.8	35103.2	35060.6	35034.8
10°	36556.3	36365.3	36176.3	35977.5	35788.8	35605.9	35437.1	35288.6	35171.0	35092.9	35047.3
12.5°	36806.4	36643.6	36450.6	36234.6	36003.6	35769.7	35541.7	35336.2	35163.7	35047.9	34981.1
15°	36586.2	36519.3	36388.4	36220.7	36001.4	35759.7	35492.1	35240.5	35009.1	34859.0	34772.0
17.5°	35869.9	35963.2	35953.1	35889.0	35731.4	35527.9	35255.1	34972.7	34683.1	34482.6	34373.0
20°	34661.2	34954.4	35103.2	35179.5	35117.5	34985.6	34738.7	34451.9	34114.5	33852.7	33692.8
22.5°	32962.6	33480.2	33802.8	34038.9	34088.9	34044.0	33826.0	33553.2	33177.2	32862.4	32626.4
25°	30775.9	31534.4	32044.1	32443.9	32599.0	32639.2	32453.6	32182.4	31763.2	31396.5	31072.4
27.5°	28200.4	29185.9	29866.4	30403.5	30645.9	30751.0	30580.3	30303.5	29807.7	29369.9	28946.5
30°	25300.9	26470.0	27289.5	27933.4	28228.9	28367.8	28186.4	27877.6	27300.4	26773.7	26240.3
32.5°	22197.4	23476.7	24369.8	25069.0	25361.9	25492.6	25255.2	24908.4	24241.3	23620.7	22998.7
35°	18948.1	20239.4	21140.0	21820.7	22066.0	22144.9	21841.4	21440.4	20701.4	20020.3	19342.0
37.5°	15632.7	16834.1	17652.5	18263.5	18415.3	18428.9	18063.2	17620.4	16843.7	16172.1	15496.9
40°	12345.9	13359.0	14019.9	14508.9	14561.6	14514.5	14117.0	13671.4	12944.7	12343.1	11750.2
42.5°	9249.9	10014.7	10486.2	10821.3	10801.4	10708.5	10344.0	9960.8	9361.4	8903.2	8436.6
45°	6597.5	7101.8	7377.5	7573.5	7510.6	7422.1	7138.3	6869.9	6462.4	6166.5	5852.9
47.5°	4583.4	5185.5	5080.7	5464.1	5133.8	5351.9	4897.6	4647.2	4431.0	4273.7	4096.5
50°	3281.3	3419.3	3486.0	3531.5	3507.2	3473.8	3392.1	3319.2	3220.4	3148.5	3064.5
52.5°	2534.1	2603.0	2640.9	2668.2	2662.8	2650.6	2615.0	2582.5	2536.2	2505.8	2469.0
55°	2146.4	2147.5	2216.9	2187.2	2231.2	2179.6	2199.9	2142.8	2152.0	2102.9	2069.8
57.5°	1783.6	1811.9	1824.6	1836.9	1833.5	1831.3	1817.6	1810.6	1795.1	1790.3	1779.3
60°	1568.9	1583.7	1586.8	1592.5	1587.7	1585.9	1575.1	1571.3	1560.9	1559.0	1551.6
62.5°	1421.8	1429.3	1429.3	1429.3	1423.1	1417.2	1405.3	1399.0	1390.1	1388.2	1383.9
65°	1298.9	1306.8	1308.0	1309.7	1305.2	1300.6	1290.0	1283.2	1274.1	1270.6	1265.7
67.5°	1172.1	1180.4	1183.2	1187.5	1185.0	1184.0	1176.8	1174.1	1168.1	1166.6	1162.2
70°	1072.5	1076.0	1075.7	1075.6	1070.0	1064.9	1056.6	1052.6	1046.3	1045.1	1040.9
72.5°	1013.3	1015.8	1014.2	1012.0	1004.7	997.3	987.5	980.3	972.0	966.9	961.1
75°	929.9	933.2	931.0	929.7	923.1	918.2	910.4	906.4	900.6	898.9	895.0
77.5°	827.5	829.0	825.7	825.3	820.3	817.2	811.3	810.3	806.0	806.1	802.4
80°	713.5	712.7	707.2	706.3	701.2	700.0	695.3	695.6	692.2	693.7	691.0
82.5°	587.1	583.9	576.8	574.8	569.0	568.5	565.4	568.0	566.0	569.0	567.2
85°	420.7	421.7	418.6	418.6	416.9	417.4	417.1	419.1	419.4	422.2	422.1
87.5°	234.6	237.9	237.3	240.4	240.3	243.8	244.8	250.0	250.6	255.4	255.4
90°	86.4	91.0	89.2	94.0	93.4	98.6	98.9	104.2	103.7	108.3	106.9
92.5°	46.0	43.1	40.3	37.3	35.9	34.1	33.4	31.3	30.2	28.4	27.1
95°	57.3	52.5	47.6	42.8	41.1	39.4	37.7	36.1	34.3	32.7	31.0
97.5°	64.8	59.0	53.2	47.5	46.1	44.6	43.1	41.7	40.2	38.8	37.4
100°	87.6	76.9	66.2	55.5	54.2	53.0	51.8	50.6	49.4	48.0	46.7
102.5°	178.7	155.9	133.2	110.4	106.2	101.8	97.5	93.2	88.8	84.6	80.3
105°	335.0	298.2	261.3	224.5	212.7	201.0	189.4	177.5	165.8	154.1	142.4
107.5°	507.5	470.1	432.7	395.3	373.9	352.3	330.5	308.7	287.3	265.5	243.8
110°	604.9	577.7	550.5	523.1	505.9	488.4	470.9	453.5	436.3	418.7	401.2



TEST NUMBER: P1444540  
 CATALOG NUMBER: EHBR1-42-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°	622.4	603.0	583.6	563.9	556.3	548.3	540.7	532.7	524.9	516.8	509.0
115°	586.0	573.1	560.0	546.8	544.2	541.5	538.9	536.0	533.4	530.5	527.6
117.5°	527.1	519.8	512.6	505.4	505.9	506.5	507.2	507.7	508.2	508.6	509.0
120°	466.0	463.2	460.3	457.3	460.1	462.5	465.2	467.6	470.1	472.3	474.5
122.5°	416.7	415.7	414.9	413.7	417.0	420.2	423.2	426.2	429.3	431.9	434.6
125°	378.8	378.4	378.2	377.8	381.2	384.4	387.6	390.4	393.5	396.1	398.8
127.5°	354.5	354.7	355.1	355.2	357.8	359.9	362.3	364.4	366.6	368.4	370.4
130°	338.4	338.4	338.7	338.7	341.0	343.1	345.5	347.3	349.4	350.9	352.7
132.5°	329.4	329.3	329.4	329.3	331.2	332.9	334.6	335.9	337.4	338.4	339.6
135°	322.4	322.1	322.2	322.0	323.8	325.4	327.0	328.2	329.7	330.5	331.5
137.5°	317.1	316.8	316.7	316.5	318.1	319.6	321.0	322.2	323.4	324.3	325.1
140°	312.7	312.3	312.1	311.7	313.2	314.4	315.8	316.9	317.9	318.6	319.5
142.5°	308.6	307.8	307.5	306.7	307.8	308.7	309.7	310.5	311.3	311.8	312.3
145°	306.8	305.7	305.0	304.1	304.9	305.7	306.5	307.3	307.7	308.0	308.5
147.5°	305.3	304.2	303.3	302.3	303.2	303.7	304.2	304.6	305.1	305.3	305.6
150°	303.6	302.3	301.4	300.3	300.7	301.1	301.5	301.9	302.2	302.3	302.6
152.5°	301.2	300.1	299.0	297.8	298.1	298.4	298.5	298.6	298.9	299.0	299.0
155°	300.9	299.8	298.8	297.7	298.1	298.1	298.3	298.4	298.3	298.3	298.3
157.5°	302.5	301.6	301.0	300.0	299.9	299.9	299.9	299.5	299.5	299.2	298.9
160°	304.6	303.7	303.0	302.2	302.0	301.9	302.0	301.6	301.5	301.0	300.8
162.5°	306.9	306.1	305.2	304.4	304.2	304.2	304.0	303.6	303.5	303.1	302.8
165°	310.1	309.4	308.8	308.0	308.0	307.7	307.6	307.0	306.8	306.2	305.8
167.5°	313.4	312.8	312.1	311.3	311.2	311.2	311.1	310.8	310.8	310.3	310.2
170°	316.5	315.9	315.5	314.9	314.6	314.5	314.3	314.0	313.6	313.4	313.0
172.5°	318.8	318.3	317.8	317.1	317.1	317.0	316.7	316.6	316.2	315.9	315.8
175°	319.0	318.7	318.0	317.7	317.6	317.6	317.4	317.3	317.0	316.9	316.6
177.5°	320.6	320.4	319.9	319.7	319.5	319.5	319.4	319.3	319.3	319.1	319.0
180°	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7	320.7



TEST NUMBER: P1444540  
 CATALOG NUMBER: EHBR1-42-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	34665.9	34665.9
2.5°	34800.1	34798.3
5°	34929.4	34927.4
7.5°	35027.8	35027.2
10°	35039.5	35045.5
12.5°	34969.5	34974.4
15°	34765.3	34774.9
17.5°	34375.1	34387.6
20°	33702.6	33715.6
22.5°	32613.7	32619.1
25°	31030.5	31008.0
27.5°	28872.1	28833.4
30°	26128.3	26090.8
32.5°	22856.9	22833.5
35°	19174.3	19159.6
37.5°	15297.3	15267.3
40°	11533.5	11445.9
42.5°	8232.4	8078.6
45°	5689.2	5507.0
47.5°	3971.7	3859.0
50°	3010.5	2974.1
52.5°	2452.9	2444.5
55°	2069.8	2066.0
57.5°	1781.7	1780.4
60°	1555.5	1555.1
62.5°	1386.8	1387.4
65°	1268.0	1268.2
67.5°	1163.4	1162.6
70°	1042.4	1041.6
72.5°	959.2	957.8
75°	895.0	894.1
77.5°	803.5	802.1
80°	692.7	691.0
82.5°	569.7	567.7
85°	425.0	425.1
87.5°	260.1	259.9
90°	111.1	109.1
92.5°	25.9	24.7
95°	29.4	27.7
97.5°	36.0	34.5
100°	45.6	44.3
102.5°	75.9	71.7
105°	130.7	119.0
107.5°	222.1	200.5
110°	383.8	366.3



TEST NUMBER: P1444540  
CATALOG NUMBER: EHBR1-42-UNV-TA-L835-UPL18

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	500.9	493.0
115°	524.6	521.7
117.5°	509.2	509.3
120°	476.5	478.7
122.5°	437.1	439.5
125°	401.3	403.7
127.5°	371.8	373.3
130°	353.6	355.1
132.5°	340.3	340.9
135°	332.0	332.7
137.5°	325.5	326.1
140°	319.8	320.2
142.5°	312.6	312.8
145°	308.7	308.8
147.5°	305.2	305.3
150°	302.4	302.3
152.5°	298.8	298.8
155°	298.0	297.8
157.5°	298.4	298.2
160°	300.3	300.0
162.5°	302.2	301.9
165°	305.2	304.7
167.5°	309.6	309.4
170°	312.6	312.3
172.5°	315.4	315.1
175°	316.5	316.4
177.5°	319.0	318.7
180°	320.7	320.7

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



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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-3

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L835-N

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

**Test Information**

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

**Spectral Parameters**

CCT (K): 3468  
 CIE u': 0.2375  
 CIE v': 0.5091  
 Duv: -0.0021  
 CIE x: 0.4049  
 CIE y: 0.3856  
 CIE z: 0.2095  
 Peak Wavelength (nm): 630  
 Dominant Wavelength (nm): 581  
 Purity: 37.24544  
 R<sub>f</sub>: 80.1  
 R<sub>g</sub>: 101

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



**Test Conditions**

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

REPORT NUMBER: SP1-2506-472-3

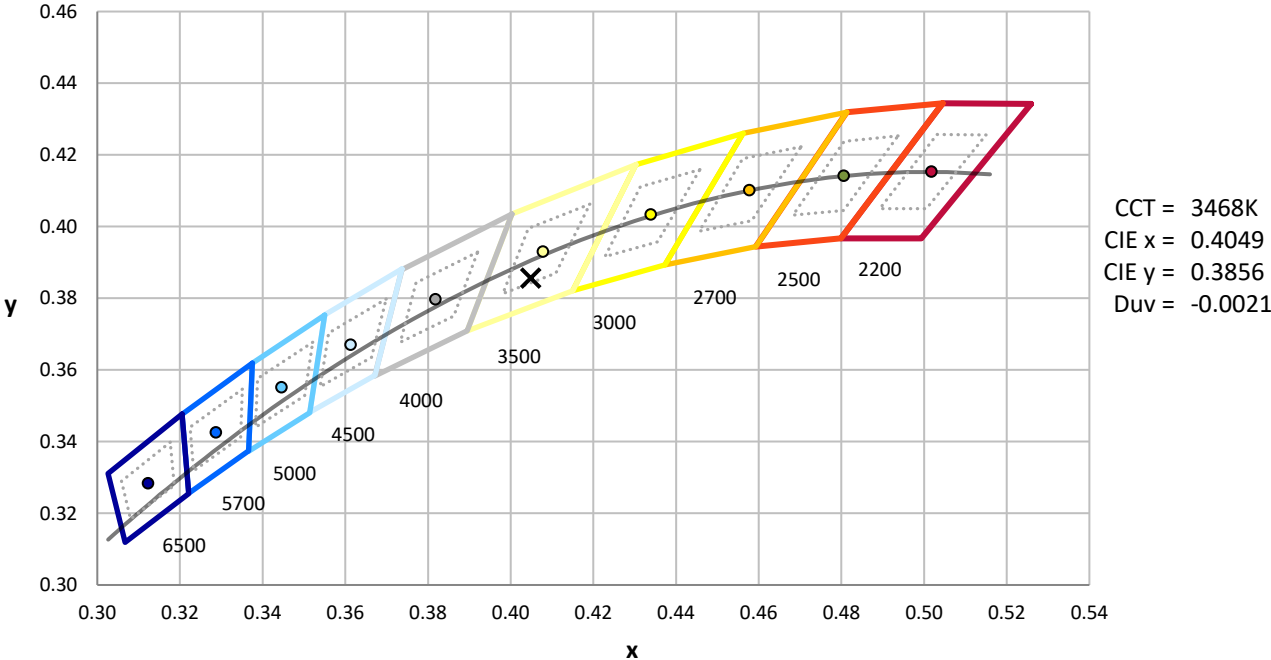
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208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

REPORT NUMBER: SP1-2506-472-3

**CIE 1931 Chromaticity Diagram**



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



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-3

**Photopic Flux vs. Wavelength**



**Photopic Lumens: NR**

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

**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.43**

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

**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: NR**

**M/P: 2.75**

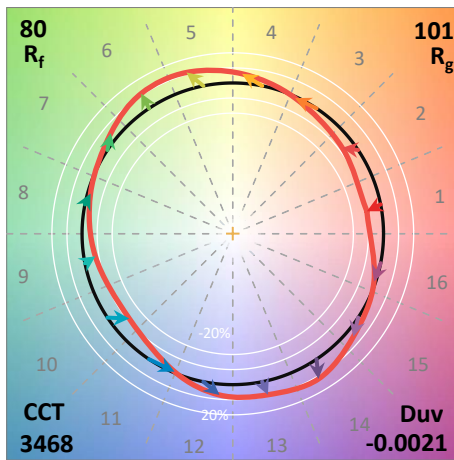
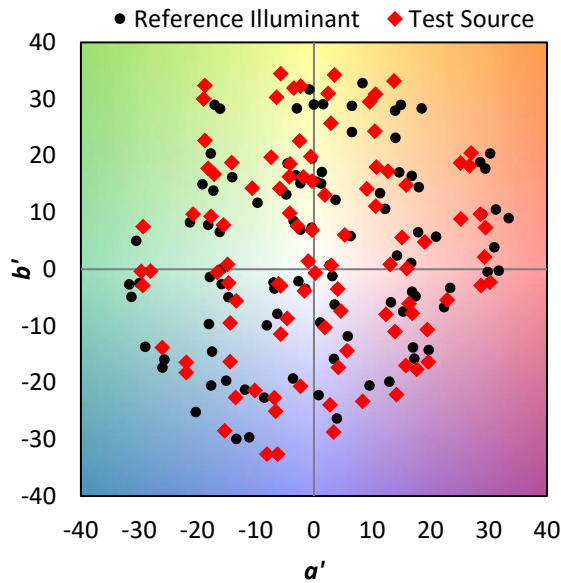
λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	60	NR	620	327	NR	750	7	NR	880	0	NR
365	0	NR	495	82	NR	625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

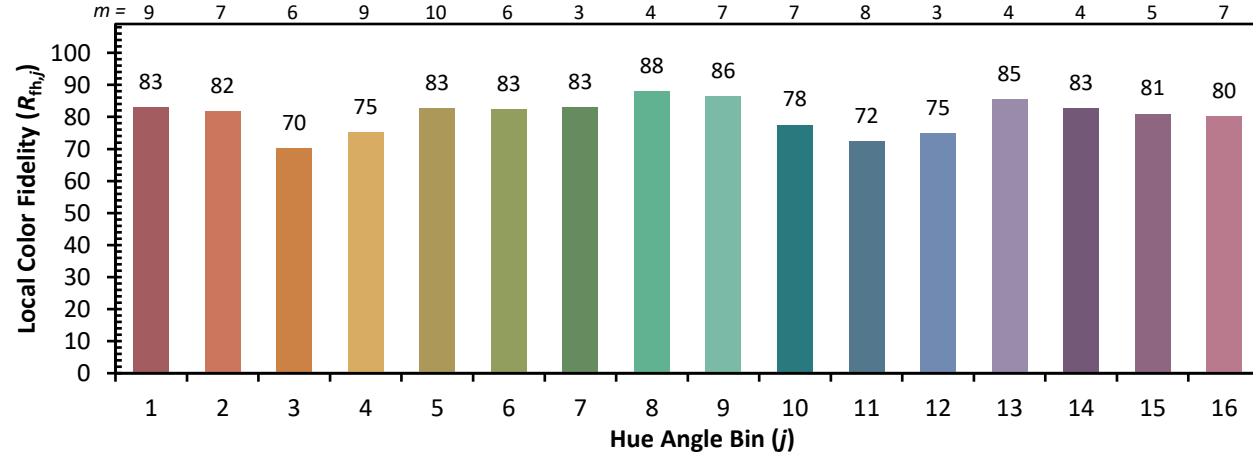


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

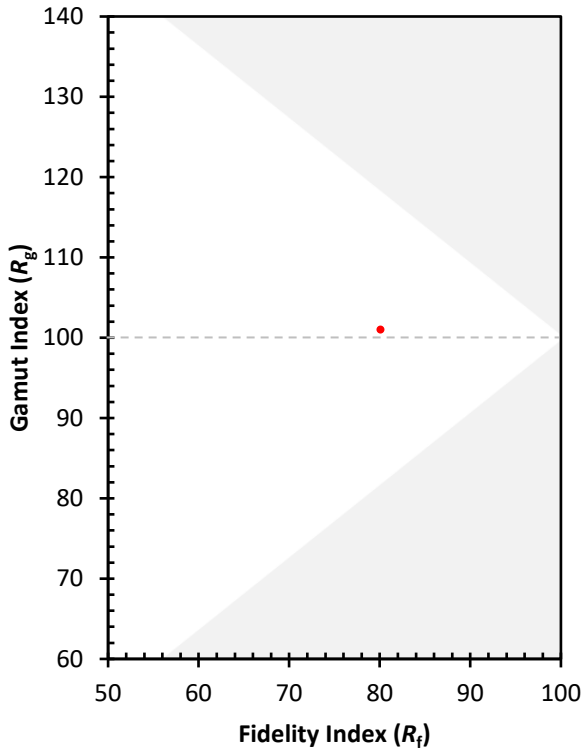
CES01 = 86	CES26 = 68	CES51 = 90	CES76 = 59
CES02 = 62	CES27 = 89	CES52 = 90	CES77 = 78
CES03 = 31	CES28 = 84	CES53 = 81	CES78 = 61
CES04 = 70	CES29 = 66	CES54 = 91	CES79 = 86
CES05 = 49	CES30 = 77	CES55 = 90	CES80 = 82
CES06 = 51	CES31 = 69	CES56 = 80	CES81 = 79
CES07 = 42	CES32 = 62	CES57 = 79	CES82 = 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)