

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: P1444493

Luminaire Tested: EHBR1-60-UNV-TA-L830-UPL24

Issue Date: 5/1/2026

**Test Information**

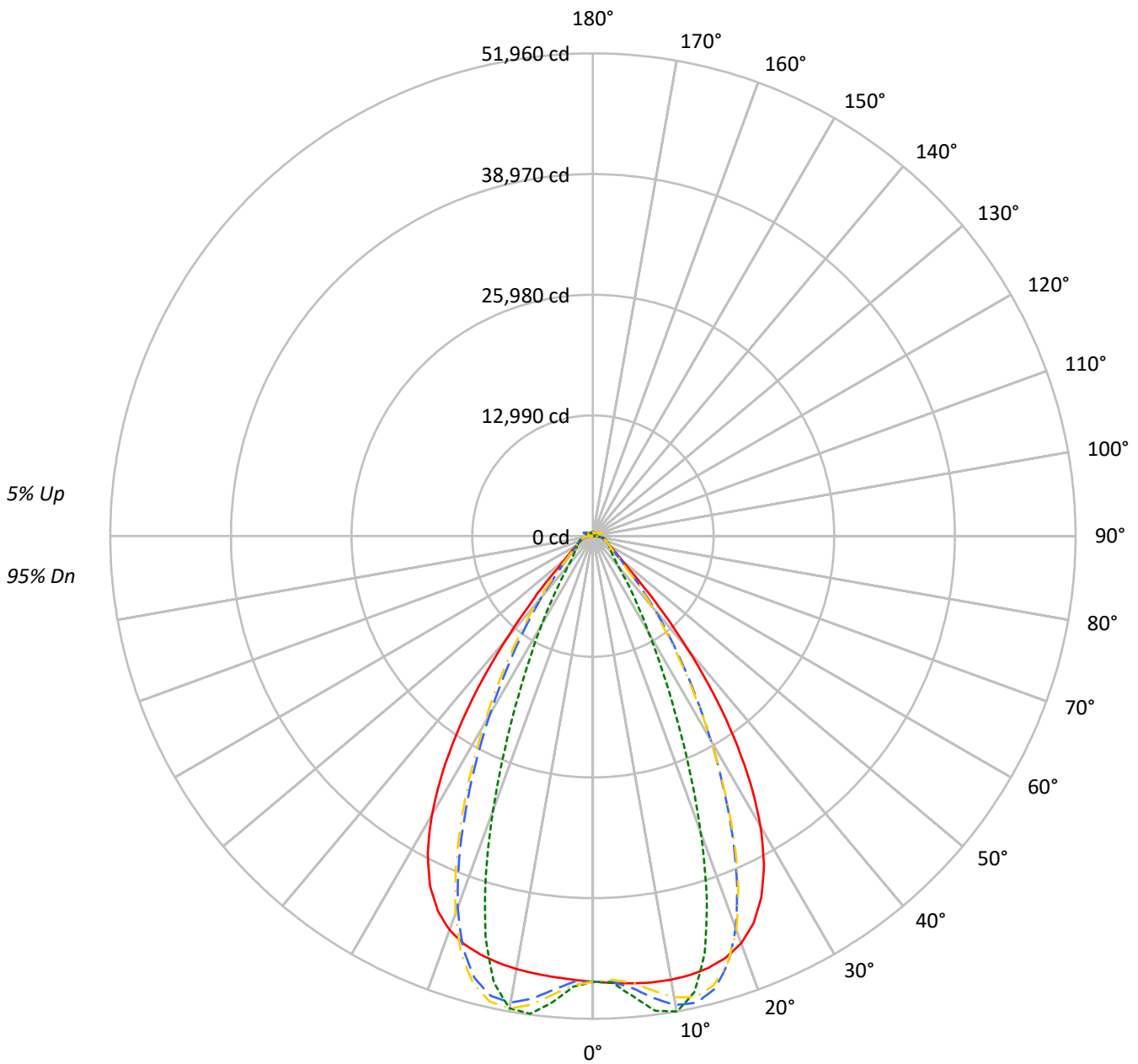
Test Method: LM-79-2019  
Report Number: P1444493  
REPORT IS A COMBINATION OF REPORTS P1444335 AND P1431635  
Test Lab: INNOVATION CENTER  
Issue Date: 5/1/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: EHBR1-60-UNV-TA-L830-UPL24  
Description: Elevate Round Highbay at, 60000 lumens, 3000K 80CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 57809.0 lumens  
Efficiency: N/A  
Efficacy: 166.6 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): 346.9  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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: P1444493  
CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - · - · 90°-270°    - · - · 135°-315°



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	118	118	118	118	115	115	115	115	109	109	109	103	103	103	98	98	98	98	98	98	95
1	111	107	104	102	108	105	102	100	100	98	96	95	94	92	91	90	88	88	88	88	86
2	104	98	93	89	101	96	92	88	92	88	85	88	85	83	85	82	80	80	80	80	78
3	98	90	84	80	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	85	76	70	65	73	68	64	71	67	63	69	65	62	62	62	62	60
6	82	72	65	60	80	71	64	60	69	63	59	67	62	58	65	61	57	57	57	57	56
7	77	67	60	55	76	66	60	55	64	59	54	63	58	54	61	57	53	53	53	53	52
8	73	63	56	51	72	62	55	51	60	55	51	59	54	50	57	53	50	50	50	50	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	45	54	48	44	52	47	44	51	47	44	44	44	44	42

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

	0°	90°	180°	270°
0°	225241	225241	225241	225241
5°	226332	232931	223164	235983
10°	228221	244560	222748	242942
15°	229340	221691	222359	212766
20°	226969	165153	219541	152806
25°	214836	104450	207736	94770
30°	187675	62767	180406	57363
35°	144436	39386	136128	34889
40°	91369	24706	83595	23216
45°	47093	19248	46313	18931
50°	27611	17120	26764	16853
55°	21153	16197	20370	16052
60°	17898	16546	17136	16331
65°	16810	17279	16167	16689
70°	16424	18092	15606	17413
75°	17560	19188	16612	18339
80°	18173	21248	16475	19397
85°	17114	20501	13829	17553

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 25°  
 Vertical Angle: 45°  
 Luminance: 72070 cd/sqm



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	4726.9	8.2
10°-20°	13297.3	23.0
20°-30°	15144.6	26.2
30°-40°	10885.2	18.8
40°-50°	5020.3	8.7
50°-60°	2402.4	4.2
60°-70°	1752.9	3.0
70°-80°	1331.7	2.3
80°-90°	609.8	1.1
90°-100°	79.6	0.1
100°-110°	411.5	0.7
110°-120°	759.2	1.3
120°-130°	476.5	0.8
130°-140°	322.0	0.6
140°-150°	251.4	0.4
150°-160°	183.3	0.3
160°-170°	114.5	0.2
170°-180°	40.0	0.1
0°-30°	33168.8	57.4
0°-40°	44054.0	76.2
0°-60°	51476.7	89.0
0°-90°	55171.1	95.4
90°-120°	1250.2	2.2
90°-150°	2300.2	4.0
90°-180°	2638.0	4.6
0°-180°	57809.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	47964	47964	47964	47964	47964	
5°	48325	49734	47649	50386	48325	4618
15°	48114	46510	46650	44637	48114	13556
25°	42903	20858	41485	18926	42903	19449
35°	26509	7229	24984	6403	26509	16269
45°	7620	3114	7493	3063	7620	6480
55°	2859	2189	2753	2169	2859	2639
65°	1755	1804	1688	1742	1755	1752
75°	1237	1352	1170	1292	1237	1286
85°	588	705	475	603	588	553
90°	150	192	36	47	150	95
95°	36	39	36	40	36	34
105°	153	193	105	194	153	201
115°	667	798	699	799	667	617
125°	519	527	585	529	519	473
135°	431	367	463	372	431	336
145°	404	377	427	384	404	254
155°	391	385	414	391	391	182
165°	402	397	416	401	402	114
175°	418	421	425	422	418	40
180°	424	424	424	424	424	



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5
2.5°	48146.7	48142.9	48142.2	48138.8	48137.8	48137.8	48136.3	48132.4	48129.9	48124.4	48118.2
5°	48325.4	48323.3	48324.5	48324.9	48321.5	48314.0	48302.3	48287.9	48269.8	48252.7	48237.4
7.5°	48463.5	48466.9	48471.2	48470.3	48459.8	48442.2	48418.2	48404.7	48412.7	48438.8	48498.6
10°	48488.7	48509.4	48517.4	48514.9	48494.0	48478.8	48484.7	48535.6	48636.6	48771.6	48956.2
12.5°	48390.5	48415.8	48414.8	48406.5	48386.3	48406.9	48480.4	48631.7	48848.5	49114.6	49426.8
15°	48114.4	48147.1	48137.8	48127.1	48113.5	48181.2	48328.3	48591.0	48925.9	49301.1	49685.3
17.5°	47578.4	47618.0	47598.8	47586.5	47575.1	47702.0	47954.6	48339.3	48761.1	49185.6	49549.7
20°	46648.8	46675.3	46629.6	46608.1	46626.2	46874.9	47246.9	47738.2	48182.9	48584.3	48833.1
22.5°	45131.7	45164.5	45078.6	45068.7	45174.7	45556.6	46027.3	46576.6	46994.4	47312.5	47408.3
25°	42902.6	42934.9	42832.9	42893.9	43074.1	43594.3	44155.1	44742.6	45098.9	45334.6	45269.5
27.5°	39893.8	39923.3	39826.6	39951.0	40236.0	40919.7	41579.5	42216.7	42534.4	42699.5	42490.3
30°	36099.2	36160.5	36046.2	36219.9	36654.8	37542.4	38298.4	39013.0	39329.8	39455.5	39129.8
32.5°	31592.3	31679.6	31553.5	31812.0	32418.8	33485.1	34343.9	35142.3	35492.6	35636.2	35268.3
35°	26509.1	26634.3	26489.8	26877.6	27626.2	28813.4	29764.4	30655.9	31070.7	31274.1	30903.5
37.5°	21123.7	21243.1	21164.8	21682.3	22504.2	23734.9	24705.6	25667.2	26135.9	26441.0	26148.8
40°	15836.5	15945.7	16004.8	16596.6	17369.7	18529.5	19461.9	20413.4	20937.6	21320.7	21140.5
42.5°	11177.5	11287.5	11488.7	12059.7	12704.4	13664.4	14463.2	15317.4	15818.2	16226.9	16157.4
45°	7619.5	7747.2	7999.3	8466.8	8933.1	9621.9	10208.3	10872.8	11281.8	11656.1	11660.6
47.5°	5339.3	5429.1	5654.3	5973.6	6277.5	7139.9	7175.2	7501.7	7776.7	8056.5	8092.8
50°	4115.0	4169.0	4288.4	4466.3	4638.6	4862.4	5067.4	5303.9	5473.2	5626.6	5663.2
52.5°	3382.2	3416.6	3477.3	3573.6	3673.6	3795.4	3905.0	4035.0	4127.0	4209.1	4226.4
55°	2858.6	2886.9	2977.4	2995.8	3110.1	3132.1	3180.8	3259.9	3313.4	3362.7	3375.0
57.5°	2463.4	2484.0	2503.2	2544.3	2579.4	2630.7	2671.9	2728.6	2762.4	2797.9	2800.9
60°	2151.6	2166.5	2180.2	2208.7	2232.6	2268.2	2296.6	2335.2	2359.4	2386.1	2389.1
62.5°	1919.6	1930.3	1939.4	1958.2	1975.2	2002.6	2025.2	2057.4	2080.0	2100.6	2105.2
65°	1754.6	1762.5	1768.3	1782.6	1797.5	1820.8	1841.2	1867.5	1884.1	1899.9	1903.3
67.5°	1608.5	1616.0	1622.0	1635.0	1645.3	1662.8	1676.4	1696.2	1708.7	1721.2	1721.6
70°	1441.1	1448.1	1452.6	1464.7	1473.1	1488.1	1499.0	1516.8	1529.6	1543.7	1547.3
72.5°	1325.2	1329.3	1335.5	1346.5	1358.0	1374.1	1388.9	1407.3	1422.8	1437.4	1443.6
75°	1237.0	1241.8	1245.9	1255.3	1263.3	1276.8	1287.9	1304.7	1318.2	1333.9	1341.6
77.5°	1109.7	1115.2	1118.8	1128.3	1135.2	1148.1	1156.3	1171.4	1182.4	1196.6	1203.6
80°	956.0	961.2	963.6	972.5	978.0	989.9	998.0	1012.5	1021.8	1036.0	1044.3
82.5°	785.5	790.5	791.9	800.2	803.3	813.1	819.0	833.9	845.3	863.7	876.6
85°	588.2	589.9	592.8	590.7	602.6	603.3	616.8	619.4	637.1	641.7	662.0
87.5°	359.6	364.9	367.6	375.8	379.4	387.5	390.0	398.8	403.5	413.5	418.1
90°	149.6	157.6	160.3	169.7	172.1	180.5	182.3	191.8	194.4	204.2	207.8
92.5°	32.0	33.9	35.5	37.9	39.7	42.7	45.0	47.2	49.2	51.9	55.7
95°	36.0	38.1	40.2	42.3	44.4	46.6	48.6	50.8	52.8	55.0	61.0
97.5°	44.7	46.6	48.3	50.2	52.0	53.9	55.6	57.5	59.3	61.0	68.3
100°	57.3	58.9	60.4	62.0	63.5	65.1	66.6	68.2	69.7	71.3	84.8
102.5°	92.2	97.7	103.1	108.7	114.2	119.4	125.1	130.5	135.9	141.4	170.0
105°	152.8	167.5	182.6	197.4	212.3	227.2	242.0	256.7	271.6	286.3	333.3
107.5°	256.8	284.2	311.8	339.4	367.0	394.4	422.0	449.3	476.8	503.9	551.6
110°	468.4	490.3	512.5	534.6	556.6	578.8	600.8	622.5	644.7	666.7	701.3



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	630.0	639.8	649.7	659.6	669.6	679.3	689.2	699.0	708.9	718.5	743.2
115°	667.0	670.3	673.8	677.0	680.4	683.5	686.8	689.9	693.3	696.2	712.8
117.5°	651.9	651.0	650.2	649.4	648.2	647.4	646.3	645.2	644.1	643.0	652.1
120°	613.5	610.0	606.8	603.1	599.8	595.9	592.6	588.9	585.2	581.3	585.2
122.5°	564.1	560.0	556.2	551.8	547.7	543.3	539.2	534.4	530.4	525.9	526.8
125°	519.3	515.0	511.3	506.9	502.5	497.9	493.5	488.9	484.4	479.6	479.9
127.5°	481.2	478.2	475.3	471.7	468.4	464.9	461.3	457.7	454.4	450.4	450.1
130°	458.6	455.9	453.1	449.8	446.8	443.3	440.0	436.3	433.1	429.4	429.0
132.5°	441.2	439.2	437.1	434.5	432.1	429.0	426.5	423.3	420.6	417.7	417.2
135°	431.4	429.3	427.4	425.1	422.6	419.8	417.0	414.1	411.4	408.4	408.2
137.5°	423.7	421.9	419.9	417.6	415.3	412.4	410.0	407.1	404.5	401.6	401.2
140°	416.8	415.1	413.2	410.9	408.9	406.4	403.8	401.2	398.6	395.8	395.8
142.5°	408.3	406.6	405.2	403.3	401.4	398.9	396.8	394.3	392.1	389.6	389.9
145°	403.6	402.2	401.0	399.3	397.4	395.2	393.4	391.0	389.2	387.0	387.2
147.5°	399.7	398.6	397.5	396.0	394.6	392.7	390.9	388.8	387.1	385.3	385.7
150°	396.3	395.3	394.4	393.0	391.5	389.8	388.1	386.4	384.6	382.7	383.2
152.5°	392.1	391.0	390.1	388.8	387.4	385.5	384.4	382.6	381.1	379.3	379.6
155°	391.3	390.1	388.9	387.8	386.4	384.9	383.4	381.9	380.5	378.8	379.1
157.5°	392.3	391.0	390.2	388.8	388.0	386.6	385.4	384.0	382.8	381.5	381.5
160°	395.0	394.0	392.9	391.8	390.5	389.2	388.1	386.8	385.9	384.5	384.5
162.5°	398.2	397.0	395.9	394.7	393.7	392.3	391.3	390.2	389.2	387.8	388.0
165°	402.2	401.6	400.6	399.8	398.9	398.0	397.1	396.0	395.1	394.1	394.0
167.5°	408.8	407.7	407.1	406.1	405.0	404.2	403.2	402.1	401.5	400.3	400.3
170°	412.8	412.0	411.4	410.8	410.2	409.4	409.0	408.2	407.5	406.8	406.8
172.5°	416.7	416.1	415.7	415.3	414.6	414.3	413.7	413.2	412.8	412.2	412.5
175°	418.5	418.1	417.9	417.5	417.1	416.7	416.6	416.3	416.3	415.7	415.7
177.5°	421.7	421.5	421.5	421.3	421.3	421.2	421.1	420.7	420.5	420.5	420.6
180°	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5
2.5°	48113.5	48107.7	48099.6	48089.5	48080.8	48070.7	48046.7	48039.6	48047.5	48052.9	48063.9
5°	48227.9	48231.2	48232.5	48254.3	48273.2	48320.2	48689.3	48836.0	48949.3	49021.3	49130.7
7.5°	48572.5	48683.4	48793.1	48940.6	49067.9	49239.8	49885.5	50160.2	50355.6	50496.0	50668.8
10°	49156.6	49398.7	49625.7	49891.6	50120.2	50382.1	50983.1	51250.8	51419.9	51542.9	51657.7
12.5°	49745.0	50080.8	50384.3	50680.2	50927.6	51154.6	51366.0	51459.7	51467.7	51471.6	51410.6
15°	50051.4	50372.5	50639.8	50835.6	50980.9	51045.3	50681.4	50490.5	50249.3	50050.6	49723.7
17.5°	49858.0	50050.6	50166.1	50154.8	50094.6	49893.4	48862.8	48295.9	47733.1	47226.0	46561.0
20°	48998.2	48983.5	48883.1	48598.4	48255.6	47722.3	45955.4	44935.9	43950.3	43084.6	42034.3
22.5°	47398.6	47146.9	46796.0	46182.4	45500.6	44569.0	42036.9	40537.3	39165.2	37953.0	36595.2
25°	45080.8	44563.0	43915.7	42941.6	41882.2	40523.4	37402.5	35537.3	33889.8	32461.0	30894.3
27.5°	42114.5	41334.5	40386.0	39037.7	37602.5	35861.7	32401.6	30343.2	28574.7	27042.8	25375.2
30°	38602.7	37588.3	36363.5	34690.1	32958.9	30984.5	27475.3	25390.3	23600.3	22024.3	20355.4
32.5°	34634.1	33445.9	32010.7	30132.5	28260.4	26230.4	22841.3	20823.1	19113.2	17597.0	16086.6
35°	30257.0	28982.8	27464.4	25548.7	23687.8	21714.1	18604.3	16784.7	15274.6	13934.5	12714.9
37.5°	25561.7	24310.6	22867.4	21061.9	19336.2	17547.7	14864.5	13339.7	12072.5	10960.2	10018.5
40°	20679.9	19585.1	18336.4	16775.4	15302.7	13813.3	11610.7	10400.3	9400.2	8552.0	7846.2
42.5°	15857.8	15009.4	14051.9	12818.3	11691.3	10557.3	8862.0	7965.2	7224.5	6613.8	6114.9
45°	11505.4	10937.9	10295.6	9438.1	8658.3	7867.2	6660.7	6030.4	5548.0	5154.2	4821.3
47.5°	8042.9	7713.6	7693.6	6901.1	6329.2	5845.6	5068.3	4670.2	4374.6	4136.0	3925.3
50°	5648.3	5489.0	5291.2	5008.3	4742.9	4469.6	3996.0	3755.4	3582.2	3437.6	3304.3
52.5°	4222.5	4139.8	4034.4	3884.3	3740.6	3586.8	3287.1	3133.9	3079.5	2944.9	2839.4
55°	3372.6	3325.1	3265.3	3177.0	3089.6	3054.6	2797.8	2684.0	2612.0	2558.8	2502.1
57.5°	2801.5	2766.1	2730.5	2670.8	2620.2	2558.8	2422.5	2364.2	2321.4	2290.1	2250.8
60°	2389.6	2368.5	2348.5	2313.5	2286.1	2253.1	2166.5	2133.6	2111.2	2092.4	2067.3
62.5°	2109.1	2098.2	2087.9	2069.3	2055.4	2037.4	1978.2	1962.5	1951.3	1941.8	1926.5
65°	1906.7	1898.8	1893.1	1880.7	1873.8	1863.3	1812.4	1801.8	1794.8	1791.5	1782.6
67.5°	1722.7	1714.5	1710.7	1701.9	1699.0	1692.4	1650.9	1645.0	1642.7	1643.7	1640.6
70°	1550.6	1547.3	1548.9	1547.5	1551.5	1552.7	1527.5	1527.3	1529.9	1535.3	1535.8
72.5°	1447.5	1447.5	1449.5	1450.3	1454.1	1455.8	1434.9	1433.8	1435.0	1439.0	1439.2
75°	1349.3	1350.9	1356.3	1358.0	1362.5	1363.4	1335.7	1332.5	1332.7	1336.4	1335.2
77.5°	1213.6	1219.4	1229.5	1234.9	1243.4	1245.0	1213.9	1210.1	1210.3	1214.1	1210.9
80°	1059.4	1070.7	1086.8	1098.0	1111.1	1116.5	1084.5	1076.8	1069.7	1068.7	1062.3
82.5°	895.7	909.5	928.7	939.0	953.0	956.2	902.6	892.5	886.5	887.0	881.2
85°	683.8	694.1	711.7	717.4	726.1	725.4	664.3	638.2	645.1	634.2	642.8
87.5°	428.9	435.0	446.0	447.4	451.5	450.7	389.1	377.0	373.5	373.7	369.3
90°	218.0	222.5	232.3	232.9	239.6	239.0	189.6	184.3	179.6	181.7	175.2
92.5°	60.1	63.8	68.0	71.8	76.0	80.0	78.3	80.6	77.2	72.9	69.6
95°	67.2	73.3	79.5	85.8	92.0	98.2	104.3	110.5	104.7	98.8	93.0
97.5°	75.6	82.9	90.0	97.4	104.7	112.0	119.3	126.6	120.5	113.9	107.7
100°	98.4	112.0	125.5	139.1	152.6	166.3	179.8	193.5	181.5	169.3	157.3
102.5°	198.9	227.8	256.6	285.4	314.3	343.2	372.3	401.3	373.7	345.9	318.3
105°	380.0	426.9	473.6	520.2	566.9	613.7	661.0	707.9	663.8	619.7	575.6
107.5°	599.0	646.5	693.6	740.9	788.4	835.8	884.0	931.5	888.5	845.1	802.2
110°	735.9	770.2	804.7	839.1	873.5	908.0	943.6	978.1	952.2	926.1	900.1



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	767.5	792.2	816.7	841.1	865.3	889.9	916.0	940.8	927.5	913.9	900.8
115°	729.0	745.6	761.7	778.1	794.4	810.5	828.8	845.7	841.0	836.3	831.8
117.5°	660.9	669.8	678.7	687.5	696.2	705.1	716.5	725.7	725.7	725.9	726.1
120°	588.4	591.9	595.2	598.7	601.7	605.1	611.4	615.4	618.3	620.9	623.8
122.5°	527.6	528.6	529.3	530.2	530.9	531.7	535.9	537.6	539.2	540.8	542.5
125°	479.9	479.9	479.9	480.0	479.6	479.6	483.7	484.3	483.8	483.1	482.5
127.5°	449.2	448.8	448.0	447.6	446.4	445.9	449.4	449.6	447.4	445.1	442.7
130°	428.5	428.2	427.5	427.0	426.6	426.2	430.1	430.9	427.4	423.7	420.3
132.5°	416.7	416.5	415.8	415.7	415.2	414.8	419.3	420.0	416.5	412.2	408.4
135°	407.7	407.6	407.2	406.9	406.5	406.6	411.5	412.5	409.0	404.9	401.3
137.5°	400.7	400.4	400.2	400.2	399.9	399.7	405.4	406.4	403.5	400.1	397.2
140°	395.6	395.4	395.3	395.5	395.3	395.7	401.7	403.1	400.8	398.0	395.4
142.5°	389.8	390.2	390.5	391.2	391.5	392.1	399.1	401.0	399.0	396.8	394.9
145°	387.4	388.3	388.5	389.4	390.0	390.9	398.8	401.2	399.9	398.2	396.7
147.5°	385.6	386.2	386.7	387.3	387.9	389.1	397.5	399.9	399.0	397.8	396.8
150°	383.5	384.1	384.5	385.4	386.3	387.3	397.0	399.9	399.1	398.2	397.3
152.5°	379.9	380.3	380.9	381.5	382.2	383.1	395.0	398.3	397.7	396.6	396.0
155°	379.2	379.5	379.6	380.2	380.5	381.5	394.4	397.9	397.4	396.8	396.1
157.5°	381.3	381.3	381.2	381.5	381.7	382.1	395.9	399.7	398.9	398.5	397.9
160°	384.2	384.2	384.1	384.1	384.1	384.2	398.6	402.1	401.8	401.0	400.4
162.5°	387.8	388.4	388.2	388.4	388.4	388.9	403.2	407.2	406.3	405.7	404.9
165°	393.9	393.6	393.5	393.6	393.5	393.6	407.2	410.5	410.1	409.4	408.9
167.5°	400.1	400.3	400.0	400.3	400.2	400.5	413.1	416.4	416.0	415.3	415.0
170°	406.7	406.9	406.7	406.9	407.2	407.6	418.1	420.8	420.5	419.6	419.1
172.5°	412.5	412.9	413.1	413.4	413.6	413.9	422.8	425.4	425.1	424.5	424.0
175°	416.0	416.1	416.4	416.7	417.0	417.2	424.2	426.0	425.8	425.5	425.2
177.5°	420.9	421.0	421.2	421.5	421.8	422.1	426.3	427.4	427.2	427.2	427.1
180°	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5
2.5°	48066.5	48083.3	48085.8	48105.5	48103.9	48127.4	48123.7	48142.9	48131.7	48147.5	48134.2
5°	49195.4	49297.8	49351.3	49451.2	49482.8	49572.2	49597.4	49679.0	49682.4	49747.1	49732.4
7.5°	50791.4	50942.3	51032.0	51155.5	51218.1	51321.0	51366.3	51442.5	51466.9	51527.4	51532.0
10°	51744.6	51817.8	51869.0	51903.5	51935.0	51949.8	51967.0	51962.3	51967.0	51960.2	51975.0
12.5°	51369.7	51262.7	51192.0	51057.9	50980.3	50832.2	50759.5	50617.1	50565.3	50443.1	50425.5
15°	49471.1	49098.2	48834.7	48451.5	48210.6	47833.6	47613.0	47272.9	47117.6	46847.2	46776.2
17.5°	46010.5	45318.3	44782.6	44095.3	43618.4	42976.1	42572.3	42040.6	41749.4	41320.7	41172.2
20°	41158.9	40134.7	39331.0	38373.8	37688.7	36835.1	36288.7	35599.5	35199.4	34672.8	34459.4
22.5°	35463.0	34187.7	33184.1	32053.2	31226.7	30275.5	29620.8	28875.1	28439.8	27867.7	27614.5
25°	29592.1	28185.9	27070.1	25878.6	25005.3	24051.8	23396.9	22664.4	22214.0	21670.9	21419.2
27.5°	23977.3	22553.8	21475.5	20367.7	19566.6	18706.3	18115.4	17475.8	17076.0	16612.4	16375.6
30°	19022.3	17766.7	16849.2	15929.9	15263.4	14564.6	14073.7	13543.6	13192.9	12795.9	12570.4
32.5°	14985.4	14016.1	13297.6	12568.1	12022.7	11438.7	11014.5	10546.8	10230.2	9875.7	9671.5
35°	11868.2	11115.1	10542.0	9941.5	9472.9	8975.5	8601.7	8198.1	7914.0	7608.8	7432.4
37.5°	9377.1	8778.3	8306.6	7807.8	7423.0	7011.0	6872.2	6408.9	6114.6	5871.0	5702.3
40°	7359.2	6883.0	6492.8	6111.4	5797.4	5484.9	5234.1	4986.7	4796.6	4622.5	4501.9
42.5°	5746.9	5401.9	5117.0	4837.5	4608.6	4380.9	4199.2	4028.7	3900.7	3786.8	3709.1
45°	4568.6	4331.2	4133.2	3936.4	3774.8	3622.9	3500.6	3391.8	3309.1	3240.7	3192.2
47.5°	3753.2	3590.7	3451.0	3318.2	3208.5	3109.0	3027.1	3000.4	2911.5	2851.6	2828.9
50°	3189.7	3091.6	2985.5	2887.5	2814.2	2741.4	2688.3	2636.2	2602.9	2575.4	2567.1
52.5°	2769.1	2694.1	2635.1	2573.0	2524.7	2472.8	2436.2	2401.5	2383.2	2368.8	2367.1
55°	2456.4	2404.0	2364.9	2323.3	2294.4	2263.9	2244.9	2226.6	2218.6	2211.3	2211.9
57.5°	2219.8	2184.9	2159.4	2132.4	2116.8	2102.2	2097.4	2092.8	2095.2	2096.3	2100.4
60°	2047.5	2024.7	2008.7	1993.2	1986.7	1982.0	1985.5	1989.7	1998.0	2004.7	2010.8
62.5°	1915.4	1902.4	1894.6	1886.2	1885.5	1885.9	1893.0	1899.9	1910.3	1918.2	1924.1
65°	1779.4	1771.9	1769.4	1764.1	1766.7	1768.3	1776.8	1782.2	1792.7	1798.9	1806.3
67.5°	1642.0	1640.2	1641.8	1641.8	1646.5	1650.7	1658.8	1664.9	1673.8	1679.4	1685.5
70°	1540.4	1541.2	1544.9	1545.6	1550.7	1553.6	1560.7	1564.6	1572.6	1577.4	1584.7
72.5°	1441.8	1440.2	1441.1	1438.8	1440.6	1439.8	1443.7	1445.7	1452.5	1456.2	1465.1
75°	1336.8	1332.3	1331.3	1326.5	1326.6	1323.2	1324.8	1324.7	1329.1	1330.9	1337.2
77.5°	1209.9	1202.4	1198.8	1190.8	1190.7	1187.6	1190.8	1192.8	1200.6	1204.3	1211.6
80°	1058.0	1046.3	1041.0	1031.7	1033.3	1032.8	1040.6	1046.5	1056.0	1057.8	1067.1
82.5°	879.4	867.5	861.8	852.7	854.8	855.0	862.1	863.4	871.7	875.3	885.9
85°	629.7	634.2	621.6	622.5	619.8	624.8	629.7	635.7	642.6	654.2	663.0
87.5°	370.8	369.3	373.7	374.2	380.6	384.0	394.3	400.2	411.7	420.8	437.1
90°	175.2	168.9	172.1	169.6	175.5	173.3	178.6	175.4	182.1	182.5	191.0
92.5°	65.0	61.4	57.0	53.5	49.2	45.9	43.5	42.1	39.8	38.6	36.2
95°	87.3	81.5	75.8	70.0	64.3	58.5	56.3	54.2	52.1	50.0	47.9
97.5°	101.5	95.3	89.1	82.7	76.5	70.3	68.9	67.5	66.1	64.7	63.3
100°	145.2	133.3	121.3	109.1	97.2	85.2	84.1	83.0	81.9	80.7	79.6
102.5°	290.8	263.3	235.9	208.2	180.8	153.2	148.4	143.6	138.8	134.0	129.3
105°	531.4	487.3	443.3	399.1	355.3	311.3	298.2	284.8	271.6	258.5	245.5
107.5°	759.0	715.9	673.0	630.1	587.1	544.2	523.3	502.6	481.7	461.0	440.3
110°	873.8	847.8	822.1	795.9	770.2	744.4	724.4	704.6	684.5	664.8	645.0



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	887.5	874.3	860.9	847.9	834.9	821.7	811.9	802.2	792.5	782.8	772.8
115°	827.1	822.6	818.1	813.7	809.5	804.9	804.0	803.2	802.2	801.4	800.7
117.5°	726.2	726.5	726.5	727.0	727.4	727.7	732.6	737.2	742.2	747.3	752.6
120°	626.6	629.5	632.2	635.2	638.1	641.2	647.5	654.0	660.6	667.5	674.3
122.5°	544.0	545.7	547.2	549.2	550.9	552.8	558.9	565.3	571.7	578.2	585.1
125°	481.4	480.7	480.0	479.1	478.4	478.0	482.9	487.8	493.0	498.5	503.7
127.5°	440.3	437.6	435.1	432.9	430.2	428.2	430.6	433.2	435.9	438.8	441.7
130°	416.6	413.0	409.1	405.7	401.8	398.4	398.9	399.4	400.0	400.7	401.5
132.5°	404.2	400.3	396.0	391.9	387.7	383.8	382.7	381.9	380.9	380.4	379.8
135°	397.3	393.5	389.3	385.5	381.2	377.6	375.9	374.1	372.6	371.1	369.8
137.5°	393.9	390.6	387.3	384.1	380.6	377.4	375.1	373.4	371.2	369.9	368.1
140°	392.5	390.0	387.0	384.3	381.4	378.9	376.8	375.3	373.5	372.2	370.6
142.5°	392.5	390.3	388.1	386.0	383.8	381.6	379.7	378.2	376.6	375.2	373.7
145°	395.0	393.6	391.8	390.2	388.5	387.0	385.3	384.1	382.7	381.5	380.5
147.5°	395.7	394.4	393.2	391.9	390.6	389.4	388.1	387.4	386.0	385.3	384.2
150°	395.9	395.0	393.7	392.9	391.5	390.5	389.6	388.8	387.9	387.5	386.6
152.5°	394.7	394.0	392.9	392.0	390.8	389.9	389.0	388.5	387.7	387.1	386.2
155°	395.2	394.5	393.6	392.9	391.8	391.3	390.4	389.5	388.8	388.1	387.2
157.5°	397.2	396.5	395.6	395.1	394.0	393.3	392.6	391.8	391.0	390.4	389.6
160°	399.8	399.2	398.4	397.6	397.0	396.2	395.1	394.5	393.4	392.9	391.7
162.5°	404.2	403.3	402.6	401.8	400.7	400.1	399.1	398.4	397.7	397.0	396.1
165°	408.1	407.5	406.7	406.1	405.5	404.8	403.8	403.1	402.1	401.4	400.4
167.5°	414.2	413.7	413.0	412.4	411.6	410.8	410.1	409.3	408.4	407.7	406.5
170°	418.6	417.8	417.2	416.5	415.7	414.9	414.2	413.4	412.4	412.1	410.9
172.5°	423.4	423.1	422.4	421.9	421.1	420.6	420.0	419.5	418.7	418.1	417.5
175°	425.0	424.8	424.6	424.0	423.9	423.6	423.2	423.0	422.6	422.5	422.0
177.5°	427.1	427.0	427.0	426.6	426.4	426.4	426.1	425.9	425.6	425.3	425.2
180°	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5
2.5°	48148.1	48135.8	48141.6	48119.0	48124.4	48097.2	48094.7	48063.9	48060.9	48031.9	48021.1
5°	49778.2	49751.4	49781.6	49734.5	49743.7	49682.4	49677.2	49598.0	49570.6	49471.4	49428.6
7.5°	51569.9	51559.7	51578.2	51538.8	51537.5	51482.7	51460.2	51389.1	51345.0	51240.9	51174.4
10°	51962.3	51971.6	51956.5	51960.2	51938.9	51933.0	51911.2	51897.3	51861.5	51834.6	51794.8
12.5°	50332.5	50342.3	50280.1	50319.5	50288.4	50361.1	50355.2	50440.9	50454.0	50562.5	50603.5
15°	46565.6	46553.9	46434.6	46509.7	46469.5	46629.1	46664.8	46879.6	46994.4	47270.1	47439.4
17.5°	40875.2	40844.4	40676.5	40768.0	40721.5	40956.8	41035.7	41379.1	41593.3	42037.5	42354.1
20°	34092.0	34033.1	33836.5	33943.7	33895.7	34163.1	34275.8	34690.8	34967.1	35555.4	35974.0
22.5°	27224.4	27131.5	26938.9	27039.0	26993.7	27270.6	27417.3	27833.7	28150.2	28754.2	29242.8
25°	21057.4	20974.6	20788.5	20858.5	20841.7	21075.9	21206.4	21600.3	21911.2	22486.6	22953.0
27.5°	16061.0	15974.8	15806.7	15856.2	15839.2	16038.8	16161.8	16490.9	16758.4	17242.7	17652.3
30°	12292.3	12188.4	12045.8	12073.1	12061.4	12223.2	12338.0	12615.1	12844.4	13253.9	13606.7
32.5°	9422.1	9317.5	9186.6	9199.3	9182.1	9309.0	9403.6	9644.6	9844.4	10192.5	10499.7
35°	7209.2	7331.3	7051.5	7228.8	7044.2	7315.1	7217.7	7368.2	7540.1	7833.4	8089.6
37.5°	5542.1	5457.0	5385.0	5377.4	5377.0	5439.7	5513.9	5658.9	5810.4	6028.8	6254.6
40°	4391.9	4332.2	4285.5	4282.2	4285.5	4330.2	4384.9	4485.2	4596.1	4753.0	4918.9
42.5°	3642.7	3603.0	3574.9	3573.0	3581.8	3613.4	3651.5	3711.1	3783.3	3884.9	3998.7
45°	3152.7	3130.7	3115.0	3114.2	3118.2	3134.8	3156.6	3193.8	3239.5	3302.9	3375.0
47.5°	2808.9	2803.6	2793.8	2794.2	2789.7	2796.5	2799.0	2819.8	2844.1	2892.0	2985.9
50°	2558.6	2558.6	2551.9	2551.5	2545.1	2544.8	2539.4	2547.7	2559.0	2588.7	2618.8
52.5°	2360.8	2360.1	2352.8	2351.4	2344.7	2344.3	2339.6	2342.9	2344.5	2359.4	2377.4
55°	2206.1	2201.5	2191.9	2188.9	2186.3	2190.1	2188.3	2188.5	2186.7	2192.8	2198.2
57.5°	2095.2	2089.2	2080.1	2077.4	2076.8	2081.4	2081.6	2080.0	2071.6	2065.9	2057.9
60°	2007.5	2001.4	1991.6	1989.1	1990.5	1997.0	1996.6	1991.3	1978.8	1967.9	1955.4
62.5°	1921.2	1918.8	1913.8	1913.0	1911.8	1912.9	1908.5	1902.7	1890.5	1878.9	1865.2
65°	1805.5	1806.7	1803.0	1803.5	1799.1	1798.4	1791.6	1786.1	1773.7	1763.2	1749.1
67.5°	1685.3	1686.3	1683.2	1683.2	1680.9	1681.2	1677.2	1672.0	1661.5	1653.0	1642.1
70°	1586.3	1588.8	1587.1	1587.5	1584.7	1583.7	1577.2	1572.3	1561.4	1554.3	1544.5
72.5°	1467.7	1473.1	1472.9	1474.2	1469.9	1467.7	1460.1	1453.9	1444.1	1438.4	1430.6
75°	1339.8	1346.7	1348.7	1351.7	1345.7	1342.4	1334.1	1329.1	1321.1	1317.8	1312.6
77.5°	1214.8	1222.4	1229.7	1236.5	1226.7	1218.0	1207.5	1199.5	1188.1	1183.7	1175.7
80°	1074.6	1088.1	1104.2	1117.8	1100.2	1082.4	1065.1	1052.3	1037.2	1031.0	1021.0
82.5°	891.5	905.3	914.6	923.3	911.0	898.0	881.3	870.1	853.8	847.7	836.2
85°	677.2	694.5	700.0	704.6	696.8	689.9	674.2	653.1	642.8	626.6	618.2
87.5°	445.5	455.8	457.8	459.4	454.5	451.1	441.0	431.1	413.5	400.6	385.0
90°	189.6	195.5	190.5	192.1	187.0	188.6	179.3	177.0	163.5	159.1	147.3
92.5°	34.7	32.3	30.6	28.7	31.3	32.5	34.9	36.2	38.4	39.8	42.1
95°	45.8	43.7	41.6	39.4	41.1	42.8	44.5	46.2	47.9	49.6	51.2
97.5°	61.9	60.5	59.1	57.7	58.7	59.7	60.7	61.6	62.7	63.6	64.8
100°	78.5	77.4	76.2	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
102.5°	124.5	119.7	114.9	110.2	113.4	116.6	119.9	123.1	126.4	129.5	133.0
105°	232.4	219.3	206.3	193.1	205.8	218.4	231.2	243.8	256.5	269.5	282.2
107.5°	419.4	398.8	378.1	357.4	380.6	403.6	426.8	449.8	472.9	495.9	519.4
110°	625.3	605.7	585.9	566.2	590.7	615.2	639.7	664.1	688.8	713.2	738.0



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	763.2	753.7	744.1	734.6	750.3	766.0	781.9	798.0	813.7	829.6	845.5
115°	799.9	799.4	798.8	798.3	805.8	813.2	820.7	828.2	835.9	843.3	851.1
117.5°	757.6	762.8	768.1	773.4	775.9	778.2	780.8	783.2	786.0	788.4	791.2
120°	681.3	688.0	695.1	702.3	701.3	700.4	699.4	698.5	698.0	697.3	697.0
122.5°	591.8	598.7	605.9	612.9	610.8	608.7	606.8	604.8	603.2	601.5	600.0
125°	509.5	515.0	520.9	526.8	524.7	522.6	520.6	519.0	517.3	515.6	514.3
127.5°	445.0	448.6	451.8	455.4	454.4	453.5	453.0	452.2	451.7	451.5	451.3
130°	402.6	403.9	405.5	406.9	407.2	407.5	408.2	408.9	409.9	410.7	412.1
132.5°	379.9	379.6	379.7	379.8	381.0	382.1	383.7	385.2	387.2	388.8	391.4
135°	369.0	368.1	367.4	367.0	368.7	370.2	372.2	374.2	376.8	379.4	382.2
137.5°	366.9	365.6	364.8	363.7	365.4	367.1	369.2	371.2	373.6	376.2	379.1
140°	369.4	368.2	367.7	366.6	368.3	369.8	371.9	373.9	376.3	378.9	381.6
142.5°	372.7	371.3	370.7	370.1	371.2	372.8	374.9	376.7	378.8	381.0	383.5
145°	379.5	378.4	378.0	377.2	378.1	379.3	380.6	382.1	383.8	385.3	387.4
147.5°	383.5	382.8	382.5	381.9	382.7	383.4	384.4	385.3	386.8	388.0	389.5
150°	386.4	385.5	385.3	385.0	385.4	385.7	386.5	386.9	387.8	388.5	389.8
152.5°	386.0	385.3	385.3	384.8	385.0	385.4	385.9	386.4	387.0	387.6	388.7
155°	386.9	386.3	385.8	385.3	385.2	385.1	385.4	385.3	385.7	385.8	386.3
157.5°	389.2	388.5	388.2	387.4	387.2	386.8	386.9	386.6	386.8	386.3	386.5
160°	391.3	390.2	389.6	388.8	388.8	388.4	388.5	388.1	388.2	388.1	388.2
162.5°	395.6	394.9	394.4	393.6	393.2	392.6	392.2	391.5	391.2	390.8	390.6
165°	399.5	398.7	398.0	397.0	396.7	396.4	395.9	395.6	395.3	395.0	394.9
167.5°	406.1	405.0	404.4	403.5	403.1	402.1	401.8	401.2	400.7	400.2	400.1
170°	410.5	409.6	409.2	408.4	408.1	407.6	407.4	406.8	406.6	406.4	406.4
172.5°	417.1	416.4	415.9	415.3	415.1	414.7	414.5	414.3	413.9	413.9	413.7
175°	421.8	421.4	421.2	420.9	420.6	420.4	420.1	419.9	419.8	419.5	419.4
177.5°	424.7	424.4	424.2	424.1	424.0	424.0	424.0	424.0	424.0	423.8	423.6
180°	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5
2.5°	47990.0	47977.4	47944.1	47927.7	47897.0	47881.6	47857.6	47842.1	47822.7	47808.3	47800.8
5°	49319.6	49258.3	49135.3	49059.6	48926.7	48839.3	48707.5	48610.7	48474.6	48374.1	48245.5
7.5°	51049.6	50955.4	50797.8	50678.4	50492.6	50350.6	50142.1	49975.4	49745.0	49553.8	49318.4
10°	51753.8	51698.9	51628.2	51551.4	51448.5	51347.5	51205.1	51060.1	50866.7	50674.4	50422.9
12.5°	50712.9	50764.7	50866.7	50914.2	50992.4	51018.8	51054.6	51037.8	51006.2	50927.6	50813.6
15°	47764.8	47980.8	48322.0	48558.1	48888.9	49121.2	49428.6	49626.5	49854.4	49990.5	50119.9
17.5°	42915.1	43332.9	43935.1	44415.6	45060.7	45585.1	46227.7	46732.5	47315.4	47762.6	48238.6
20°	36703.5	37288.6	38119.9	38826.0	39760.7	40553.3	41568.6	42419.2	43411.5	44238.6	45131.3
22.5°	30018.2	30706.3	31659.0	32510.6	33626.7	34623.7	35895.8	37020.5	38361.9	39563.5	40892.8
25°	23711.4	24385.8	25356.1	26238.1	27442.9	28541.1	29930.9	31221.2	32777.8	34229.3	35895.8
27.5°	18302.9	18901.9	19755.0	20548.7	21652.2	22730.4	24140.9	25516.7	27177.7	28737.7	30533.6
30°	14135.0	14621.0	15304.5	15943.0	16828.9	17710.6	18967.0	20239.4	21892.2	23508.8	25350.0
32.5°	10954.2	11368.6	11939.1	12457.5	13140.1	13804.9	14730.1	15746.9	17196.8	18745.1	20525.4
35°	8479.7	8834.2	9319.9	9766.4	10327.8	10855.5	11546.0	12271.7	13378.1	14680.6	16273.8
37.5°	6760.5	6905.0	7251.6	7617.5	8083.7	8517.5	9057.5	9594.1	10385.8	11413.3	12714.9
40°	5141.3	5370.8	5652.9	5941.1	6294.0	6641.9	7234.4	7519.7	8040.9	8778.6	9788.8
42.5°	4148.3	4309.8	4508.3	4708.6	4954.6	5197.0	5496.6	5801.9	6191.6	6691.2	7409.6
45°	3471.4	3576.6	3704.7	3838.2	3999.7	4165.1	4365.7	4575.4	4839.3	5146.5	5582.9
47.5°	3019.2	3077.4	3160.9	3252.1	3362.9	3477.3	3607.8	3741.3	3905.3	4087.5	4336.0
50°	2666.2	2714.8	2779.6	2840.6	2917.0	3034.4	3086.1	3159.8	3258.5	3365.7	3504.7
52.5°	2410.7	2443.1	2483.8	2518.8	2567.1	2611.1	2668.7	2719.5	2787.8	2852.1	2941.9
55°	2211.9	2223.6	2246.7	2269.3	2302.7	2332.7	2372.2	2405.5	2448.9	2487.5	2544.1
57.5°	2058.2	2059.4	2070.0	2081.7	2103.2	2122.1	2149.3	2171.1	2201.4	2225.9	2259.8
60°	1947.9	1942.0	1944.1	1948.3	1960.3	1972.6	1990.0	2004.2	2023.3	2037.2	2056.2
62.5°	1856.0	1846.7	1844.6	1843.5	1849.5	1854.0	1863.5	1870.4	1881.2	1887.3	1897.4
65°	1739.9	1729.1	1724.8	1719.8	1721.6	1720.2	1723.7	1723.9	1729.4	1730.7	1736.6
67.5°	1634.7	1625.6	1620.1	1613.3	1610.3	1605.5	1603.4	1598.8	1598.0	1594.2	1593.2
70°	1538.6	1529.8	1525.1	1519.0	1515.8	1509.3	1505.5	1497.6	1493.0	1485.7	1481.6
72.5°	1427.5	1422.6	1421.2	1417.0	1415.8	1412.3	1410.7	1405.2	1402.0	1395.8	1392.2
75°	1311.5	1307.5	1307.1	1302.8	1302.4	1298.2	1297.1	1291.3	1288.3	1282.0	1279.4
77.5°	1173.2	1167.1	1165.4	1160.4	1161.6	1159.6	1161.3	1156.8	1154.9	1148.7	1146.7
80°	1017.5	1009.7	1006.5	999.9	1001.6	998.6	1001.6	1001.3	1003.6	998.6	997.8
82.5°	833.0	824.4	822.8	818.2	821.2	821.6	828.1	824.6	826.1	821.4	823.4
85°	606.1	599.8	590.9	589.7	583.9	589.8	582.2	587.3	579.0	584.8	577.0
87.5°	375.8	362.6	355.7	346.3	342.7	333.7	329.9	323.4	325.3	322.3	324.0
90°	145.4	134.8	133.5	125.4	125.8	119.0	121.1	116.6	119.5	114.8	118.4
92.5°	43.5	45.2	48.4	52.4	55.4	58.7	62.0	65.9	68.9	72.7	75.7
95°	52.9	54.6	59.1	63.6	68.1	72.6	77.4	81.9	86.4	90.9	95.4
97.5°	65.8	66.8	71.3	75.8	80.3	84.8	89.3	94.1	98.6	103.1	107.6
100°	75.1	75.3	88.1	100.9	113.7	126.6	139.4	152.2	165.4	178.2	191.0
102.5°	136.2	139.5	171.8	204.4	236.7	269.0	301.6	334.1	366.4	399.2	431.6
105°	294.9	307.6	357.0	406.5	455.9	505.4	555.1	604.8	654.4	703.9	753.5
107.5°	542.4	565.7	610.5	655.2	699.8	744.7	789.7	834.5	879.3	924.3	969.4
110°	762.6	787.2	817.2	847.4	877.6	907.6	937.7	967.9	998.3	1028.5	1058.9



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	861.3	877.4	894.9	912.8	930.4	948.2	965.9	983.8	1001.7	1019.8	1037.7
115°	858.9	866.7	873.6	880.9	887.8	895.1	902.3	909.7	917.3	924.5	932.1
117.5°	793.8	797.0	798.2	799.7	801.1	802.9	804.5	806.4	808.4	810.3	811.8
120°	696.3	695.9	695.2	694.7	694.0	693.6	693.4	693.0	692.8	692.7	692.3
122.5°	598.3	597.2	596.5	596.1	595.7	595.7	595.4	595.6	595.4	595.4	595.3
125°	512.9	511.8	513.5	515.3	517.1	519.0	520.9	523.2	525.2	527.4	529.5
127.5°	451.1	451.3	454.8	458.2	461.8	465.5	469.2	473.0	476.6	480.6	484.2
130°	413.4	414.9	419.0	423.6	427.8	432.4	437.0	441.8	446.0	450.6	455.0
132.5°	393.4	396.1	400.1	404.5	408.8	413.2	417.7	422.1	426.6	431.2	435.3
135°	385.1	388.2	392.0	396.1	400.2	404.5	408.5	412.8	416.6	421.0	424.8
137.5°	381.8	385.0	388.5	391.8	395.1	398.9	402.3	405.9	409.2	412.7	416.0
140°	384.4	387.5	389.6	392.2	394.4	396.9	399.0	401.7	403.7	406.3	408.4
142.5°	386.0	388.9	390.2	392.1	393.8	395.9	397.6	399.4	401.0	402.6	404.1
145°	389.3	391.6	392.2	393.2	394.0	394.9	395.6	396.5	397.0	397.7	398.4
147.5°	391.1	392.8	392.9	393.5	394.0	394.3	394.7	395.2	395.3	395.8	396.0
150°	390.7	392.0	391.8	392.1	391.9	392.0	391.8	392.0	391.8	391.9	391.7
152.5°	389.5	390.4	389.9	390.0	389.6	389.4	389.0	389.0	388.6	388.4	388.4
155°	386.4	386.9	386.6	386.5	386.2	386.1	385.8	386.1	386.0	385.9	385.9
157.5°	386.4	386.4	386.2	386.1	385.7	385.8	385.6	385.7	385.7	386.2	386.4
160°	387.9	388.0	387.7	387.5	387.4	387.2	387.1	387.3	387.4	388.0	388.3
162.5°	390.0	389.9	389.6	389.4	389.3	389.3	389.4	389.8	389.9	390.2	390.6
165°	394.9	395.0	394.4	394.4	394.2	394.1	394.0	394.1	394.3	394.5	394.8
167.5°	399.7	399.6	399.6	399.8	399.8	400.0	400.2	400.8	401.0	401.8	401.9
170°	406.3	406.4	406.3	406.2	406.1	406.1	406.2	406.2	406.4	406.6	406.7
172.5°	413.7	413.7	413.5	413.2	412.9	412.8	412.5	412.6	412.3	412.2	412.0
175°	419.1	419.0	418.8	418.7	418.5	418.2	418.1	417.6	417.4	417.3	417.1
177.5°	423.4	423.0	422.8	422.8	422.6	422.5	422.5	422.4	422.4	422.4	422.0
180°	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5
2.5°	47791.3	47790.7	47786.1	47788.3	47789.1	47792.5	47796.6	47800.8	47801.8	47805.1	47805.9
5°	48148.9	48030.7	47943.2	47847.1	47774.7	47709.7	47666.3	47631.8	47618.4	47621.8	47629.9
7.5°	49118.8	48874.7	48673.3	48444.3	48253.4	48051.3	47883.7	47724.4	47608.3	47521.8	47473.4
10°	50183.0	49885.7	49601.4	49270.0	48955.8	48620.3	48316.6	48010.6	47755.5	47534.0	47371.4
12.5°	50655.3	50445.1	50199.4	49886.7	49550.3	49163.4	48772.5	48353.5	47963.9	47602.1	47310.4
15°	50155.2	50155.6	50066.1	49916.0	49682.4	49373.1	49000.7	48564.0	48104.3	47635.2	47206.6
17.5°	48567.9	48867.4	49034.0	49139.4	49107.1	48993.1	48756.2	48420.7	47992.1	47492.5	46969.5
20°	45842.0	46548.3	47051.9	47504.9	47758.8	47927.5	47910.5	47774.0	47468.8	47044.0	46499.4
22.5°	42023.4	43209.0	44144.6	45017.0	45628.9	46126.5	46363.2	46463.6	46325.3	46029.3	45517.9
25°	37385.3	38997.3	40373.0	41708.2	42709.7	43570.4	44087.7	44452.1	44481.0	44326.4	43870.1
27.5°	32231.5	34134.4	35875.6	37650.0	39058.3	40295.7	41107.6	41701.8	41890.6	41865.6	41451.3
30°	27084.4	29082.0	31001.2	33070.3	34813.1	36393.9	37466.3	38270.0	38579.7	38639.0	38240.5
32.5°	22223.3	24193.3	26107.2	28270.3	30188.2	31999.9	33266.9	34221.5	34581.7	34666.5	34229.3
35°	17811.8	19629.2	21448.0	23544.5	25451.3	27327.4	28662.4	29661.8	29998.2	30054.9	29548.8
37.5°	13986.0	15534.5	17119.4	19000.4	20751.6	22513.4	23781.9	24721.2	24966.2	24951.1	24378.3
40°	10764.8	11968.6	13242.2	14790.7	16246.6	17736.0	18807.2	19583.7	19712.4	19617.0	19015.4
42.5°	8094.6	8964.0	9887.2	11043.2	12123.4	13238.2	14017.5	14593.9	14612.3	14461.6	13921.6
45°	6030.4	6878.7	7265.9	7964.8	8660.5	9401.8	9877.7	10233.7	10178.7	10046.0	9635.5
47.5°	4597.2	4923.2	5268.9	5702.3	6107.6	6948.8	6886.4	7458.2	7046.4	7327.2	6709.0
50°	3650.6	3832.8	4019.1	4249.1	4460.9	4680.7	4818.1	4920.7	4907.4	4863.3	4744.9
52.5°	3105.8	3162.1	3253.8	3384.7	3502.9	3621.8	3700.0	3763.7	3764.9	3747.1	3687.3
55°	2595.8	2667.3	2733.2	2818.7	2964.3	2986.7	3098.8	3076.2	3085.0	3053.9	3085.7
57.5°	2288.7	2330.3	2367.3	2418.2	2460.4	2509.4	2538.4	2566.3	2563.7	2557.6	2527.1
60°	2071.1	2094.0	2114.6	2144.3	2167.5	2195.2	2208.5	2222.7	2218.0	2207.7	2180.6
62.5°	1903.3	1917.6	1929.4	1948.5	1962.6	1979.8	1986.9	1992.8	1986.9	1977.0	1953.0
65°	1737.8	1747.1	1754.5	1768.9	1778.8	1793.6	1799.4	1805.1	1799.6	1792.0	1773.7
67.5°	1588.5	1589.3	1588.7	1594.5	1597.6	1606.4	1609.1	1613.2	1606.7	1600.2	1584.7
70°	1475.2	1472.9	1470.1	1472.4	1472.9	1477.2	1477.8	1477.2	1469.5	1458.2	1441.2
72.5°	1386.7	1385.5	1383.3	1385.3	1385.3	1389.1	1387.9	1386.0	1376.6	1365.5	1348.9
75°	1272.9	1272.1	1267.7	1267.9	1264.4	1265.7	1261.0	1258.4	1247.9	1238.6	1223.7
77.5°	1139.8	1137.6	1131.5	1129.1	1122.4	1119.6	1110.8	1106.5	1095.9	1088.5	1075.6
80°	991.2	988.9	980.8	976.4	965.7	959.0	946.2	939.0	926.7	919.4	906.9
82.5°	819.2	820.2	812.2	806.7	791.4	779.6	762.6	753.3	739.8	732.7	720.0
85°	582.7	574.3	578.8	578.4	568.9	558.7	544.8	535.0	523.7	516.9	507.9
87.5°	319.6	321.6	319.2	317.3	310.5	305.4	294.5	288.9	280.5	276.4	269.7
90°	108.9	107.6	98.7	97.6	88.7	84.8	74.7	71.9	62.7	61.0	54.6
92.5°	71.8	68.1	64.6	60.5	57.0	53.3	49.5	45.7	41.9	40.2	39.3
95°	89.8	84.6	79.1	73.5	68.1	62.6	57.2	51.8	46.3	45.1	44.0
97.5°	101.4	94.9	88.4	82.1	75.7	69.2	62.9	56.5	50.0	49.3	48.6
100°	176.3	161.6	146.6	131.7	117.0	102.1	87.3	72.4	57.7	56.9	56.0
102.5°	395.5	359.5	323.5	287.6	251.9	215.7	179.8	143.6	107.6	102.4	97.2
105°	699.0	644.4	590.1	535.6	481.1	426.6	372.2	317.5	262.9	245.4	227.9
107.5°	918.2	866.9	816.0	764.8	713.6	662.5	611.2	560.0	508.6	477.9	447.1
110°	1018.4	977.8	937.6	897.0	856.6	816.1	775.4	734.8	694.3	667.8	641.6



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	1008.3	978.7	949.4	919.7	890.3	860.6	831.1	801.4	771.7	755.8	739.9
115°	914.7	897.2	879.7	862.1	844.5	827.0	809.4	791.4	773.7	765.6	757.4
117.5°	803.5	794.8	786.4	777.7	768.9	760.0	751.4	742.5	733.7	731.2	728.5
120°	690.6	688.5	686.1	684.0	681.8	679.7	677.2	675.0	672.5	673.3	674.2
122.5°	597.2	599.0	601.0	602.5	604.5	606.0	607.9	609.1	610.8	613.7	616.5
125°	533.1	536.5	540.0	543.3	546.7	550.0	553.6	556.5	560.1	562.8	566.1
127.5°	488.4	492.1	496.1	499.6	503.7	507.2	511.1	514.5	518.4	521.1	524.3
130°	458.7	461.9	465.6	468.8	472.5	475.8	479.2	482.6	486.0	488.6	491.1
132.5°	438.6	441.8	445.1	448.1	451.6	454.5	457.8	460.9	464.3	466.3	468.6
135°	427.7	430.1	432.9	435.2	438.1	440.4	443.2	445.9	448.8	450.5	452.4
137.5°	418.2	420.4	422.8	424.9	427.3	429.4	432.0	434.4	437.1	438.3	440.1
140°	410.7	412.9	415.1	417.3	419.7	422.0	424.8	427.1	429.9	431.3	432.9
142.5°	406.1	407.7	409.5	411.4	413.5	415.2	417.5	419.8	422.2	423.7	425.1
145°	400.4	402.2	404.4	406.2	408.3	410.5	413.1	415.4	418.1	419.2	420.6
147.5°	397.6	399.1	401.1	402.8	404.8	406.4	408.9	410.9	413.4	414.7	415.8
150°	393.6	395.1	396.9	398.5	400.6	402.6	404.8	407.1	409.9	411.1	412.4
152.5°	390.0	391.6	393.5	395.6	397.5	399.7	402.1	404.5	407.0	408.1	409.6
155°	387.8	389.3	391.3	393.3	395.5	397.4	399.7	401.8	404.3	405.7	406.9
157.5°	388.1	389.4	391.3	393.1	395.0	396.9	399.1	401.0	403.3	404.3	405.4
160°	389.8	391.2	392.9	394.6	396.3	398.1	400.0	401.8	403.6	404.7	405.8
162.5°	392.2	393.7	395.5	396.9	398.8	400.4	402.4	403.9	405.9	406.7	407.8
165°	396.0	397.4	398.8	399.9	401.4	402.4	404.1	405.3	407.0	407.7	408.9
167.5°	403.2	404.0	404.9	406.0	407.2	408.2	409.4	410.5	411.7	412.6	413.5
170°	407.6	408.4	409.2	410.2	411.0	412.1	413.0	413.7	415.1	415.8	416.6
172.5°	412.6	412.9	413.7	414.1	414.8	415.2	416.1	416.6	417.3	418.1	418.8
175°	417.7	417.8	418.1	418.2	418.5	418.8	419.4	419.8	420.2	420.7	421.1
177.5°	422.1	422.3	422.4	422.5	423.0	423.2	423.5	423.7	423.9	424.3	424.9
180°	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5
2.5°	47804.2	47803.7	47802.1	47800.0	47797.8	47799.0	47801.2	47806.7	47816.4	47830.2	47848.3
5°	47636.4	47646.2	47651.7	47652.4	47647.5	47644.4	47649.1	47662.2	47688.7	47733.1	47793.2
7.5°	47460.4	47472.5	47491.0	47504.9	47507.5	47504.2	47504.9	47525.5	47574.4	47661.0	47782.4
10°	47272.5	47236.8	47255.7	47290.1	47317.6	47322.5	47325.9	47350.3	47421.7	47552.5	47747.5
12.5°	47099.0	46986.0	46964.1	46995.2	47036.8	47050.1	47046.5	47057.0	47140.6	47313.8	47585.6
15°	46870.9	46658.0	46585.3	46593.3	46644.7	46663.2	46649.7	46629.1	46710.7	46922.0	47273.8
17.5°	46501.4	46158.4	46024.7	46018.8	46078.9	46094.9	46061.8	45997.8	46078.2	46342.0	46778.8
20°	45939.9	45433.5	45181.8	45141.8	45207.0	45188.0	45122.0	45025.3	45130.9	45451.6	45971.0
22.5°	44930.4	44288.7	43858.7	43720.0	43798.1	43746.0	43649.9	43526.3	43666.6	44030.9	44609.4
25°	43280.8	42539.4	41950.6	41620.4	41682.6	41589.2	41484.6	41334.9	41502.2	41920.4	42557.1
27.5°	40856.1	39999.7	39270.2	38723.5	38743.5	38621.3	38500.7	38307.0	38515.8	39010.8	39729.0
30°	37632.0	36641.0	35752.6	35009.5	34943.1	34824.5	34700.9	34446.7	34708.1	35300.7	36139.9
32.5°	33583.0	32482.7	31456.2	30516.7	30339.4	30223.8	30113.7	29821.2	30163.3	30854.3	31818.4
35°	28847.9	27675.7	26562.8	25489.8	25196.2	25080.5	24984.3	24704.0	25131.0	25882.9	26924.2
37.5°	23650.4	22453.0	21348.1	20247.7	19832.8	19675.9	19606.1	19422.4	19915.0	20658.7	21704.3
40°	18314.6	17201.3	16210.7	15238.8	14765.9	14525.7	14489.1	14455.7	14931.9	15577.2	16526.2
42.5°	13323.2	12425.0	11661.1	10918.3	10489.7	10161.7	10161.6	10261.1	10689.8	11173.2	11905.0
45°	9216.1	8613.3	8126.6	7630.2	7762.9	7109.1	7493.2	7296.1	7508.0	7819.6	8295.5
47.5°	6335.1	6006.1	5738.7	5461.5	5259.3	5066.3	5083.1	5207.6	5407.2	5592.1	5839.7
50°	4617.3	4449.6	4313.5	4169.5	4068.9	3983.7	3988.7	4042.6	4147.5	4244.9	4374.4
52.5°	3617.9	3525.5	3451.5	3371.9	3319.1	3276.8	3279.1	3305.3	3361.9	3417.6	3491.9
55°	2982.1	2970.9	2874.7	2803.3	2776.0	2747.6	2752.8	2763.1	2801.7	2834.2	2883.4
57.5°	2499.0	2455.8	2426.9	2389.3	2372.0	2352.1	2356.6	2360.4	2386.3	2408.1	2443.5
60°	2157.8	2127.3	2106.8	2081.2	2069.8	2057.2	2060.0	2062.4	2078.9	2093.1	2118.6
62.5°	1931.2	1903.8	1886.1	1866.3	1858.2	1849.7	1851.7	1852.4	1862.7	1873.2	1892.4
65°	1757.4	1735.6	1720.9	1703.8	1695.4	1686.5	1687.5	1687.5	1696.2	1703.8	1718.2
67.5°	1573.5	1557.2	1547.5	1534.0	1528.3	1519.3	1519.2	1516.3	1522.0	1525.0	1534.8
70°	1426.0	1409.5	1397.2	1384.2	1377.1	1369.1	1369.3	1369.5	1376.0	1383.0	1395.6
72.5°	1334.8	1319.0	1308.1	1296.8	1290.0	1283.2	1282.0	1281.3	1286.1	1289.8	1298.2
75°	1214.1	1201.4	1195.1	1184.4	1179.0	1171.4	1170.2	1166.7	1168.9	1169.7	1175.9
77.5°	1067.7	1055.7	1050.5	1039.7	1035.3	1026.5	1025.9	1021.9	1023.7	1022.5	1027.3
80°	900.7	889.9	887.0	878.2	876.0	868.0	866.7	862.0	863.4	859.6	861.4
82.5°	714.4	704.5	702.3	694.1	694.1	686.9	686.5	679.2	679.2	673.0	663.0
85°	503.2	496.0	492.9	486.2	484.2	478.4	475.3	468.4	465.9	461.4	460.0
87.5°	265.6	261.0	256.8	253.7	247.8	237.3	236.4	229.1	229.7	224.5	224.9
90°	53.7	47.9	47.1	41.8	40.7	37.0	36.3	35.9	36.6	36.4	37.3
92.5°	38.0	36.8	35.5	34.3	33.0	31.8	30.4	31.8	33.0	34.3	35.5
95°	42.9	41.8	40.7	39.5	38.4	37.3	36.2	37.3	38.4	39.7	40.8
97.5°	47.9	47.2	46.5	45.8	45.1	44.4	43.7	44.5	45.1	45.9	46.6
100°	55.2	54.3	53.5	52.6	51.8	51.0	50.1	51.3	52.2	53.0	53.9
102.5°	92.2	87.0	81.8	76.6	71.4	66.2	61.0	66.2	71.4	76.8	82.0
105°	210.3	192.9	175.4	157.7	140.1	122.6	105.0	122.8	140.3	157.9	175.7
107.5°	416.2	385.6	354.6	323.8	292.8	261.9	231.0	262.1	293.1	324.0	354.9
110°	614.9	588.3	561.7	535.1	508.4	481.8	455.1	482.0	508.8	535.5	562.2



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	723.7	707.8	691.7	675.7	659.3	643.3	627.0	643.7	660.0	676.6	692.7
115°	749.2	740.8	732.6	724.2	715.6	707.3	698.6	707.9	716.6	725.3	734.0
117.5°	725.8	723.3	720.5	717.9	715.0	712.3	709.2	712.6	715.8	719.5	722.3
120°	674.7	675.8	676.5	677.1	677.8	678.3	678.6	679.0	679.0	679.0	678.8
122.5°	619.4	622.2	624.8	627.4	630.0	632.6	634.7	633.2	631.4	629.7	627.6
125°	568.8	572.0	574.7	577.7	580.1	583.1	585.0	583.9	582.1	580.3	578.0
127.5°	527.1	529.9	532.4	535.4	537.7	540.2	542.2	541.2	539.6	538.1	536.2
130°	493.5	496.2	498.2	500.6	502.5	504.3	505.9	505.4	504.5	503.8	502.4
132.5°	470.7	473.0	475.0	477.0	478.4	480.3	481.2	481.3	480.7	480.3	479.2
135°	454.3	456.1	457.7	459.6	460.8	462.0	462.6	463.3	463.1	463.0	462.3
137.5°	441.4	443.1	444.3	445.4	446.3	447.1	447.6	448.4	448.7	449.2	449.1
140°	434.3	435.9	437.2	438.3	439.4	440.3	440.6	441.7	441.9	442.2	441.9
142.5°	426.6	428.1	429.5	430.8	431.5	432.5	432.9	433.8	434.1	434.4	434.3
145°	421.9	423.1	424.3	425.5	426.1	426.8	426.9	428.1	428.5	428.9	429.1
147.5°	417.0	418.3	419.2	420.1	420.9	421.4	421.8	422.5	423.1	423.5	423.8
150°	413.8	415.1	416.3	417.4	418.2	419.1	419.3	420.1	420.4	420.8	420.7
152.5°	410.7	411.8	412.9	413.8	414.8	415.3	415.7	416.4	417.1	417.6	417.8
155°	408.0	409.2	410.3	411.4	412.1	413.0	413.7	414.4	415.0	415.2	415.6
157.5°	406.4	407.7	408.6	409.6	410.4	411.4	412.2	413.0	413.6	414.3	414.6
160°	406.6	407.9	408.6	409.7	410.6	411.5	412.2	413.1	413.7	414.3	415.1
162.5°	408.7	409.8	410.3	411.4	412.2	413.2	413.8	414.8	415.4	416.2	416.7
165°	409.9	410.9	411.8	412.8	413.8	414.9	415.5	416.3	416.7	417.2	417.7
167.5°	414.3	415.3	416.0	417.0	417.7	418.7	419.6	420.1	420.6	421.0	421.3
170°	417.3	418.1	419.0	419.6	420.5	421.3	421.9	422.3	422.6	423.0	423.5
172.5°	419.5	420.4	421.1	422.0	422.6	423.5	424.1	424.5	424.6	424.7	424.6
175°	421.6	422.4	422.8	423.5	424.0	424.6	425.2	425.1	425.4	425.3	425.4
177.5°	425.5	426.3	427.0	427.3	428.0	428.4	429.0	428.5	428.4	428.1	427.7
180°	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5
2.5°	47873.9	47898.0	47934.5	47967.7	48017.8	48057.2	48116.4	48161.4	48228.1	48271.5	48344.3
5°	47878.2	47971.9	48095.0	48215.2	48359.7	48490.9	48653.9	48792.8	48956.6	49090.3	49258.0
7.5°	47945.9	48126.5	48343.0	48561.1	48807.9	49038.6	49298.6	49534.0	49791.2	50009.0	50246.8
10°	47995.8	48274.4	48593.5	48914.5	49252.4	49566.3	49883.3	50157.2	50413.2	50623.9	50810.0
12.5°	47928.1	48311.9	48721.3	49116.6	49492.4	49817.4	50090.0	50300.7	50446.1	50544.7	50567.9
15°	47698.0	48159.8	48604.9	48998.6	49310.4	49550.9	49675.4	49733.6	49671.0	49567.3	49339.0
17.5°	47267.9	47755.0	48153.0	48463.5	48628.3	48693.6	48590.5	48411.1	48060.6	47671.5	47109.5
20°	46479.6	46933.4	47222.1	47391.5	47347.4	47184.4	46795.1	46321.9	45622.0	44876.2	43891.9
22.5°	45096.8	45493.5	45647.3	45660.0	45390.9	44982.8	44280.7	43469.1	42365.0	41217.3	39805.6
25°	43021.1	43368.6	43392.9	43256.5	42764.2	42102.8	41071.8	39923.7	38423.4	36894.0	35125.1
27.5°	40206.2	40539.4	40457.9	40203.1	39519.8	38634.7	37314.7	35831.5	33981.9	32175.5	30218.8
30°	36667.5	37023.9	36928.1	36601.3	35788.6	34742.5	33189.3	31466.1	29412.7	27483.2	25500.3
32.5°	32432.7	32883.4	32817.2	32506.7	31658.6	30539.1	28853.7	27026.0	24925.1	23023.8	21095.0
35°	27619.4	28166.6	28194.8	27991.8	27204.6	26097.9	24433.8	22664.7	20652.4	18858.4	17076.6
37.5°	22433.6	23067.9	23198.2	23143.5	22490.8	21514.1	19997.8	18410.8	16628.1	15055.8	13531.9
40°	17219.1	17861.2	18083.9	18150.0	17668.5	16911.9	15667.5	14386.5	12933.1	11659.2	10449.2
42.5°	12463.8	13032.9	13248.2	13383.6	13083.0	12578.5	11670.7	10740.5	9675.7	8756.9	7875.9
45°	8656.3	9058.9	9222.6	9358.9	9195.3	8910.6	8337.4	7755.6	7052.8	6452.2	5883.8
47.5°	6052.2	6274.2	6382.3	6448.4	6384.9	6236.5	5924.5	5587.5	5190.7	4839.8	4502.5
50°	4485.9	4604.1	4660.7	4698.9	4652.6	4570.2	4401.3	4217.8	3999.9	3801.2	3606.9
52.5°	3555.0	3622.7	3656.3	3677.0	3650.4	3600.0	3501.7	3392.9	3262.2	3139.4	3074.8
55°	2994.8	2991.3	3069.0	3031.5	3069.0	2985.3	2967.7	2848.1	2739.6	2663.2	2580.5
57.5°	2469.8	2504.9	2519.9	2536.6	2525.7	2510.5	2468.7	2425.9	2368.7	2320.8	2269.8
60°	2137.9	2166.9	2183.2	2199.8	2198.7	2193.0	2168.9	2143.2	2107.5	2078.9	2047.9
62.5°	1909.3	1934.4	1950.5	1966.3	1967.7	1965.5	1947.1	1929.4	1905.1	1887.1	1865.7
65°	1729.4	1747.1	1758.0	1770.7	1769.9	1766.5	1750.1	1735.3	1715.2	1702.7	1687.1
67.5°	1541.2	1554.5	1563.0	1575.0	1577.2	1578.0	1568.9	1562.0	1552.2	1548.7	1543.3
70°	1407.3	1423.5	1437.2	1452.3	1460.4	1464.4	1460.4	1456.9	1451.2	1448.7	1444.7
72.5°	1306.0	1319.6	1330.3	1344.0	1351.7	1357.2	1354.2	1352.2	1347.3	1346.5	1343.7
75°	1180.2	1189.5	1195.6	1205.9	1210.0	1215.2	1212.9	1214.1	1212.5	1216.4	1216.2
77.5°	1028.9	1035.8	1038.6	1046.1	1046.9	1053.0	1054.5	1061.8	1066.9	1078.2	1084.3
80°	858.6	863.0	863.0	870.7	874.0	884.5	889.5	901.4	906.9	917.0	918.0
82.5°	666.9	661.8	666.9	663.8	673.5	685.3	686.9	697.0	699.3	705.7	700.8
85°	456.0	455.6	451.5	452.2	449.2	450.7	448.9	450.8	449.1	449.2	444.6
87.5°	218.4	220.4	215.6	217.2	212.6	214.7	210.7	213.9	209.1	209.7	202.6
90°	37.6	38.2	38.4	39.2	40.6	42.6	45.0	47.1	50.0	52.1	54.6
92.5°	36.8	38.1	39.4	40.7	42.0	45.8	49.6	53.4	57.3	61.0	64.7
95°	42.0	43.1	44.2	45.7	46.8	52.4	57.8	63.3	68.8	74.3	79.8
97.5°	47.7	48.3	49.1	49.7	50.7	57.1	63.6	70.1	76.5	83.0	89.3
100°	54.8	55.6	56.5	57.5	58.4	73.3	88.1	103.1	118.0	132.7	147.6
102.5°	87.3	92.5	97.7	103.2	108.5	144.6	180.8	216.9	252.7	288.8	324.9
105°	193.2	210.9	228.8	246.4	264.0	318.7	373.4	428.2	482.5	537.0	591.7
107.5°	386.1	417.0	448.1	479.1	510.0	561.6	612.8	664.1	715.6	766.9	817.9
110°	589.4	615.7	642.8	669.6	696.3	736.8	777.7	818.3	859.1	899.7	940.3



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	709.2	725.3	741.7	757.6	773.9	803.7	833.9	863.6	893.5	922.8	952.7
115°	742.8	751.0	759.7	768.0	776.7	794.7	812.4	830.4	848.3	865.9	883.8
117.5°	725.4	728.4	731.5	734.0	737.1	746.1	755.2	764.2	773.2	782.3	791.1
120°	678.6	678.1	677.8	677.1	676.7	679.1	681.9	684.3	687.0	689.3	691.7
122.5°	625.5	623.1	620.9	618.3	616.0	614.3	613.1	611.4	610.4	608.7	607.3
125°	575.9	573.4	571.0	568.3	565.6	562.6	559.6	556.4	553.2	550.0	546.9
127.5°	534.5	532.1	530.0	527.4	524.9	521.3	517.9	514.2	511.0	507.1	503.7
130°	501.0	499.1	497.6	495.2	493.5	489.9	487.0	483.6	480.4	477.3	474.0
132.5°	478.4	476.9	475.6	473.6	472.2	469.1	466.5	463.2	460.3	457.2	454.4
135°	461.8	460.8	459.9	458.5	457.3	454.6	452.4	449.9	447.6	445.1	442.8
137.5°	449.0	448.2	447.6	446.8	446.0	443.7	441.8	439.6	437.6	435.4	433.5
140°	441.9	441.4	440.9	440.2	439.3	437.1	435.1	432.8	430.8	428.5	426.5
142.5°	434.0	433.5	433.1	432.4	431.7	429.9	428.4	426.7	424.8	423.1	421.4
145°	429.0	428.6	428.6	427.9	427.9	425.7	424.1	422.0	420.6	418.4	416.8
147.5°	424.0	423.8	423.8	423.5	423.6	421.8	420.6	418.9	417.7	416.0	414.8
150°	420.9	420.8	420.8	420.4	420.2	418.6	417.5	415.9	414.9	413.1	412.0
152.5°	417.9	418.1	418.1	418.1	418.2	416.9	415.6	414.1	412.8	411.3	410.1
155°	416.0	416.2	416.4	416.4	416.4	415.2	414.1	412.8	411.7	410.4	409.2
157.5°	415.0	415.3	415.7	415.9	416.1	415.1	414.1	413.1	412.2	410.9	410.0
160°	415.3	415.9	416.3	416.5	416.7	415.9	415.4	414.2	413.7	412.5	411.6
162.5°	417.2	417.8	418.1	418.3	418.6	417.8	417.3	416.5	415.6	414.4	413.6
165°	418.1	418.2	418.6	418.7	418.9	418.3	418.0	417.4	416.8	416.1	415.5
167.5°	421.7	421.8	422.2	422.2	422.4	422.0	422.1	421.5	421.1	420.7	420.2
170°	423.6	423.9	424.0	424.1	424.3	424.0	423.7	423.3	423.1	422.5	422.0
172.5°	424.9	424.7	424.8	424.9	424.8	424.5	424.4	424.1	424.0	423.8	423.5
175°	425.3	425.2	425.2	425.1	425.0	425.0	424.9	424.9	424.8	424.6	424.5
177.5°	427.5	427.3	426.9	426.7	426.4	426.3	426.3	426.2	426.4	426.3	426.1
180°	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5
2.5°	48389.3	48090.4	48050.9	48071.9	48121.9	48140.4	48194.2	48209.0	48263.2	48276.6	48328.7
5°	49387.7	48992.7	49012.4	49107.3	49251.2	49336.8	49478.2	49552.1	49687.1	49748.4	49870.3
7.5°	50440.6	50130.4	50227.1	50387.3	50583.9	50720.0	50889.8	51000.3	51146.6	51237.4	51354.6
10°	50957.5	50872.6	50979.0	51105.1	51217.2	51305.0	51377.0	51434.6	51472.2	51507.7	51523.1
12.5°	50564.1	50695.6	50713.8	50701.5	50627.2	50570.5	50443.1	50356.5	50202.7	50109.1	49926.1
15°	49105.7	49395.0	49234.8	48992.4	48637.6	48341.8	47924.1	47613.0	47178.0	46882.9	46446.3
17.5°	46546.4	46911.5	46494.1	45933.1	45219.4	44608.9	43848.6	43245.0	42489.1	41939.3	41233.7
20°	42943.4	43284.6	42540.3	41610.2	40506.2	39577.1	38481.3	37607.1	36588.9	35831.5	34917.4
22.5°	38457.3	38700.3	37651.8	36398.0	34991.4	33830.6	32520.6	31472.5	30310.5	29444.6	28470.0
25°	33494.3	33559.9	32302.1	30857.6	29289.9	27985.4	26586.8	25484.9	24299.7	23422.1	22465.7
27.5°	28485.1	28388.9	27029.4	25497.9	23848.8	22492.8	21128.7	20096.2	19058.2	18267.7	17443.6
30°	23757.1	23524.2	22112.6	20538.4	18937.6	17722.3	16589.9	15760.6	14934.9	14307.8	13646.3
32.5°	19421.3	19092.8	17718.8	16243.9	14895.1	13957.2	13117.5	12490.0	11823.2	11293.5	10738.4
35°	15581.0	15231.1	14013.7	12763.4	11742.6	11051.2	10391.2	9876.5	9310.3	8863.4	8381.3
37.5°	12285.2	11998.3	10978.7	9994.9	9222.6	8686.9	8146.2	7725.4	7257.5	7060.9	6545.8
40°	9484.1	9283.6	8486.4	7761.1	7181.3	6929.6	6380.7	5987.6	5638.0	5349.6	5070.4
42.5°	7397.8	7326.8	6551.0	5985.3	5577.0	5259.9	4954.0	4705.7	4463.9	4265.1	4077.4
45°	5428.9	5372.8	5028.3	4701.7	4423.5	4201.9	3995.2	3824.3	3666.3	3535.2	3416.2
47.5°	4227.5	4209.5	4011.1	3808.7	3633.4	3491.0	3356.8	3243.4	3138.5	3051.0	3022.6
50°	3438.4	3436.0	3319.6	3194.6	3069.9	2987.6	2901.9	2834.9	2767.5	2715.1	2659.6
52.5°	2921.5	2908.9	2830.3	2753.1	2679.0	2624.9	2570.2	2527.3	2482.7	2450.4	2416.0
55°	2515.1	2528.5	2482.9	2436.8	2390.5	2356.9	2318.5	2290.3	2259.6	2239.2	2218.4
57.5°	2232.8	2250.4	2226.6	2200.5	2172.2	2150.1	2123.7	2104.1	2083.7	2070.7	2058.6
60°	2027.5	2046.7	2037.2	2023.9	2006.5	1993.4	1976.5	1965.7	1952.5	1945.2	1938.4
62.5°	1853.3	1877.4	1873.9	1867.7	1856.5	1849.3	1840.0	1835.2	1826.5	1823.3	1820.0
65°	1679.4	1706.5	1705.9	1702.9	1696.7	1694.6	1688.9	1687.9	1683.4	1685.1	1684.8
67.5°	1542.8	1566.3	1571.4	1575.1	1575.0	1576.4	1575.8	1578.2	1578.2	1581.5	1583.7
70°	1444.1	1460.4	1464.4	1468.3	1469.3	1472.5	1472.5	1474.5	1474.0	1476.8	1477.2
72.5°	1344.4	1365.9	1369.8	1373.0	1373.0	1376.0	1374.4	1373.9	1369.7	1368.7	1365.7
75°	1220.3	1247.9	1253.9	1257.8	1258.4	1261.0	1257.3	1255.0	1247.9	1245.0	1240.0
77.5°	1090.7	1119.4	1123.6	1125.0	1122.7	1123.3	1115.4	1110.1	1101.0	1097.3	1092.5
80°	922.0	964.2	967.5	964.9	958.3	957.2	949.5	944.6	933.8	930.1	925.9
82.5°	701.6	751.1	758.0	761.0	755.6	756.9	749.6	746.7	736.8	735.0	728.5
85°	443.0	492.4	500.6	499.4	494.0	492.7	488.5	489.9	489.1	491.7	493.1
87.5°	203.5	251.3	262.9	259.2	258.6	255.3	247.6	250.5	255.1	258.1	258.3
90°	57.0	73.7	75.7	75.0	69.8	68.4	63.5	62.9	58.7	58.1	54.0
92.5°	68.6	72.3	76.2	72.8	69.4	66.0	62.7	59.1	55.8	52.4	49.1
95°	85.3	90.4	95.9	91.4	86.7	82.2	77.7	73.2	68.7	64.2	59.7
97.5°	95.7	101.8	108.2	103.7	99.2	94.5	90.0	85.5	81.0	76.3	71.8
100°	162.6	176.9	191.6	178.7	165.8	153.0	140.1	127.2	114.4	101.5	88.6
102.5°	360.8	396.4	432.2	399.7	367.1	334.6	302.3	269.8	237.5	204.8	172.4
105°	646.1	700.0	754.3	704.4	654.9	605.4	555.8	506.2	456.6	406.9	357.5
107.5°	869.3	919.3	970.1	925.1	880.2	835.5	790.3	745.4	700.5	655.5	610.8
110°	980.8	1019.8	1060.1	1029.5	999.3	968.8	938.7	908.2	878.1	848.1	817.9



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	982.2	1009.9	1038.9	1020.6	1002.8	984.9	967.0	949.0	931.3	913.3	895.9
115°	901.2	916.5	933.5	925.7	918.5	910.9	903.5	896.3	888.9	881.5	874.6
117.5°	799.9	805.9	813.7	811.7	810.0	807.8	806.1	804.2	802.7	800.9	799.4
120°	694.0	693.2	694.7	694.6	694.9	694.9	695.2	695.4	695.8	696.1	696.6
122.5°	605.6	600.4	597.7	597.7	597.7	597.5	597.7	597.7	597.9	598.1	598.4
125°	543.7	536.5	532.1	529.9	527.8	525.7	523.5	521.4	519.6	517.6	515.8
127.5°	500.0	492.1	487.4	483.6	480.0	476.0	472.4	468.4	465.0	461.0	457.8
130°	470.8	462.9	458.5	453.9	449.7	444.9	440.7	436.1	431.5	427.1	422.7
132.5°	451.3	443.4	439.2	434.9	430.9	426.2	422.2	417.5	413.3	408.6	404.6
135°	440.3	432.7	429.1	424.9	421.3	417.1	413.2	409.0	405.1	400.8	397.2
137.5°	431.2	423.6	420.5	417.0	413.9	410.5	407.5	403.8	400.6	396.8	393.8
140°	424.2	416.4	413.0	410.9	409.1	406.6	404.5	402.2	400.2	397.9	395.7
142.5°	419.7	411.9	409.0	407.4	406.2	404.4	403.3	401.7	400.2	398.1	396.7
145°	415.1	406.4	403.3	402.5	402.3	401.7	401.1	400.4	399.9	399.0	398.5
147.5°	413.0	404.2	401.0	401.0	400.8	400.3	400.4	400.0	400.0	399.6	399.4
150°	410.2	400.3	396.5	396.7	396.8	397.0	397.2	397.2	397.6	397.6	397.8
152.5°	408.4	396.4	392.3	392.5	393.0	393.0	393.4	393.9	394.4	394.8	395.2
155°	407.6	394.5	390.0	389.8	389.9	390.0	390.1	390.4	390.7	391.0	391.5
157.5°	408.6	394.8	390.4	390.0	389.9	389.9	389.8	390.0	390.0	390.2	390.7
160°	410.6	396.7	392.3	391.7	391.7	391.5	391.3	391.2	391.4	391.5	391.8
162.5°	412.4	398.9	394.7	394.1	393.8	393.5	393.5	393.0	393.2	393.1	393.5
165°	414.6	402.6	398.7	398.3	398.2	397.9	397.9	397.8	397.9	398.0	398.3
167.5°	419.5	408.7	405.7	405.1	404.6	404.1	404.1	403.3	403.3	403.0	403.0
170°	421.4	412.9	410.3	410.0	410.2	409.9	409.7	409.6	409.6	409.4	409.6
172.5°	423.0	416.8	414.8	414.9	415.1	415.2	415.5	415.7	416.0	416.3	416.6
175°	424.3	420.7	419.7	419.6	419.7	419.9	420.0	420.2	420.3	420.5	420.9
177.5°	426.2	425.1	424.6	424.6	424.6	424.6	424.6	424.6	424.6	424.8	424.8
180°	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5
2.5°	48338.4	48394.8	48390.5	48443.1	48440.4	48490.0	48480.0	48522.9	48513.1	48549.7	48528.3
5°	49924.0	50031.2	50066.5	50163.3	50183.3	50269.9	50271.7	50340.5	50332.2	50386.0	50357.4
7.5°	51423.9	51524.0	51571.4	51646.7	51684.1	51746.4	51770.8	51821.9	51834.2	51864.4	51863.5
10°	51550.5	51550.2	51573.6	51563.1	51584.1	51572.0	51597.6	51588.4	51626.2	51616.4	51645.1
12.5°	49847.2	49678.2	49616.4	49464.7	49431.4	49301.1	49310.4	49226.9	49267.1	49215.8	49303.3
15°	46186.6	45794.5	45600.8	45259.8	45152.7	44883.3	44861.4	44682.4	44730.8	44637.1	44774.0
17.5°	40777.3	40159.9	39821.1	39323.2	39125.5	38744.4	38668.0	38437.6	38473.3	38357.3	38522.5
20°	34327.9	33581.8	33154.4	32578.6	32321.8	31867.5	31746.9	31489.2	31521.6	31406.0	31593.0
22.5°	27804.8	27023.9	26541.5	25937.9	25610.0	25182.7	25054.5	24795.5	24810.3	24701.9	24881.7
25°	21810.4	21061.7	20593.5	20045.3	19760.7	19368.9	19234.2	19001.7	19014.8	18925.5	19086.8
27.5°	16871.9	16257.6	15865.8	15406.3	15151.3	14829.1	14697.8	14502.2	14501.8	14436.1	14571.1
30°	13184.6	12671.9	12320.1	11920.0	11680.3	11389.7	11262.8	11087.8	11080.2	11033.7	11140.8
32.5°	10323.2	9867.2	9546.4	9194.2	8979.1	8729.8	8609.6	8469.0	8456.1	8414.0	8502.0
35°	8024.9	7640.9	7365.1	7068.6	7090.4	6722.5	6783.6	6497.8	6420.3	6403.4	6468.8
37.5°	6202.3	5904.9	5680.8	5458.8	5308.4	5152.8	5069.1	4994.0	4985.4	4978.1	5023.9
40°	4854.8	4646.6	4483.6	4331.2	4227.8	4132.9	4080.5	4039.2	4029.4	4023.9	4051.6
42.5°	3929.2	3788.7	3683.7	3590.7	3527.8	3476.2	3447.5	3424.5	3416.8	3417.0	3433.4
45°	3319.6	3234.5	3166.7	3109.0	3068.8	3086.5	3034.5	3061.7	3025.9	3062.9	3038.4
47.5°	2923.4	2850.9	2808.9	2768.1	2743.7	2724.1	2724.9	2725.3	2732.8	2734.1	2742.1
50°	2617.6	2575.8	2546.5	2520.4	2507.9	2497.5	2501.1	2503.7	2511.2	2511.7	2517.6
52.5°	2391.4	2363.9	2346.3	2330.1	2324.3	2318.5	2321.0	2319.9	2323.3	2321.5	2326.3
55°	2207.3	2194.2	2188.7	2182.7	2183.6	2182.0	2183.1	2177.2	2173.6	2169.2	2173.3
57.5°	2056.2	2054.4	2058.0	2060.6	2067.5	2070.0	2071.6	2064.9	2058.4	2052.6	2056.0
60°	1939.7	1942.5	1951.8	1959.2	1969.2	1973.8	1976.6	1972.8	1968.1	1963.3	1966.2
62.5°	1824.9	1829.3	1840.4	1848.7	1860.8	1867.0	1873.9	1874.3	1876.0	1874.3	1876.2
65°	1691.5	1697.0	1707.1	1714.0	1725.1	1730.7	1737.8	1739.0	1742.9	1742.0	1745.4
67.5°	1590.3	1595.2	1603.6	1610.1	1620.1	1625.8	1632.0	1632.4	1633.8	1633.4	1636.6
70°	1482.2	1484.7	1492.1	1497.6	1507.5	1513.4	1520.6	1522.7	1527.1	1527.9	1531.4
72.5°	1366.9	1365.9	1370.3	1372.8	1380.3	1384.9	1394.0	1399.0	1406.5	1408.3	1411.1
75°	1241.4	1240.4	1245.7	1247.9	1254.3	1258.8	1269.1	1275.6	1287.1	1291.9	1290.7
77.5°	1096.2	1098.8	1108.7	1114.2	1122.7	1128.5	1141.8	1152.2	1173.4	1182.6	1173.2
80°	933.8	936.4	946.7	951.9	963.1	970.2	984.9	997.2	1016.2	1020.4	1015.0
82.5°	734.1	734.8	744.1	748.0	762.6	773.1	791.7	801.5	813.3	811.5	810.1
85°	500.6	507.3	518.8	530.5	548.2	565.3	582.9	597.4	587.1	603.3	585.2
87.5°	267.5	266.8	282.4	280.0	304.9	319.2	334.5	341.8	350.0	348.4	348.5
90°	54.1	51.1	52.0	48.6	50.7	46.9	50.3	46.9	51.1	46.7	54.0
92.5°	45.6	43.9	42.0	40.3	38.3	36.6	34.7	32.9	31.0	29.2	31.0
95°	55.2	53.5	51.8	49.9	48.2	46.6	44.9	43.2	41.5	39.8	42.0
97.5°	67.3	66.3	65.4	64.4	63.4	62.4	61.4	60.4	59.3	58.3	59.7
100°	75.8	75.8	75.8	75.8	75.4	75.4	75.4	75.4	75.4	75.4	76.5
102.5°	139.9	136.6	133.4	129.9	126.7	123.5	120.3	117.0	113.8	110.5	115.3
105°	308.0	295.3	282.5	269.8	256.9	244.3	231.6	218.9	206.3	193.6	206.7
107.5°	566.2	543.0	519.8	496.6	473.4	450.4	427.3	404.2	381.1	358.1	378.8
110°	787.8	763.1	738.4	714.0	689.3	664.6	640.1	615.7	591.2	566.7	586.4



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	878.2	861.9	845.9	829.9	814.0	798.3	782.4	766.6	750.9	735.1	744.7
115°	867.3	859.6	851.8	844.2	836.6	828.7	821.2	813.7	806.3	798.8	799.4
117.5°	797.8	794.9	792.2	789.4	786.6	784.0	781.5	779.1	776.5	774.3	768.9
120°	697.3	697.7	697.8	698.5	699.2	700.0	700.4	701.4	702.3	703.4	696.2
122.5°	598.7	600.0	601.4	602.9	604.6	606.2	608.0	610.1	612.2	614.3	607.1
125°	513.8	515.1	516.2	517.7	518.8	520.8	522.5	524.7	526.6	528.9	522.8
127.5°	454.2	454.1	453.8	454.1	454.2	454.9	455.4	456.3	457.2	458.4	454.6
130°	418.3	416.9	415.4	414.2	412.9	412.2	411.6	411.0	410.6	410.5	408.9
132.5°	400.1	397.6	395.3	393.1	391.1	389.5	387.6	386.5	385.2	384.2	383.9
135°	392.8	389.9	387.0	384.1	381.4	379.4	377.0	375.3	373.5	372.0	372.5
137.5°	390.3	387.5	384.4	381.8	379.1	377.0	374.7	372.8	371.1	369.6	370.5
140°	393.3	390.4	387.5	384.9	382.6	380.3	378.1	376.4	374.4	373.2	373.7
142.5°	394.9	392.8	389.9	387.7	385.2	383.4	381.4	379.9	378.0	377.0	377.7
145°	397.6	395.9	393.8	392.0	390.3	389.0	387.2	386.2	385.1	384.5	384.9
147.5°	399.0	397.8	396.0	394.9	393.3	392.4	391.2	390.5	389.7	389.2	389.4
150°	397.8	397.1	396.0	395.3	394.4	393.8	393.0	392.7	392.1	391.9	392.0
152.5°	395.6	395.0	394.1	393.5	392.8	392.4	391.8	391.6	391.3	391.1	391.1
155°	391.7	391.5	391.2	391.0	390.7	391.0	390.7	391.0	390.9	391.1	391.3
157.5°	390.9	391.0	390.9	391.3	391.4	391.5	391.6	392.1	392.2	392.8	393.1
160°	392.3	392.4	392.3	392.5	392.6	392.7	392.9	393.1	393.4	393.7	394.2
162.5°	393.6	394.2	394.4	394.7	395.2	395.6	396.1	396.8	397.2	397.9	398.4
165°	398.6	398.7	398.7	398.8	399.0	399.3	399.5	400.2	400.3	400.9	401.6
167.5°	402.8	403.1	403.1	403.3	403.7	404.2	404.6	405.2	405.7	406.5	407.1
170°	409.3	409.3	409.3	409.3	409.3	409.7	409.9	410.0	410.2	410.7	411.1
172.5°	416.6	416.6	416.3	416.6	416.3	416.6	416.6	416.8	416.8	416.9	417.1
175°	420.8	421.1	421.3	421.6	421.6	421.7	421.9	422.0	422.2	422.5	422.5
177.5°	424.8	425.0	425.0	425.0	425.0	425.2	425.2	425.2	425.2	425.0	425.1
180°	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5
2.5°	48564.0	48539.6	48564.5	48539.2	48564.5	48534.3	48554.8	48522.0	48530.4	48496.4	48505.1
5°	50400.2	50361.5	50382.1	50331.8	50337.1	50269.9	50268.7	50190.5	50169.8	50080.8	50041.7
7.5°	51885.1	51872.4	51879.5	51847.2	51843.5	51797.6	51775.7	51711.0	51670.3	51588.4	51532.4
10°	51650.0	51687.9	51697.7	51736.2	51744.3	51782.5	51790.4	51828.7	51836.7	51864.9	51865.3
12.5°	49299.2	49427.7	49458.4	49617.2	49684.1	49865.7	49963.1	50163.3	50282.2	50481.8	50604.5
15°	44770.3	44992.7	45081.4	45391.3	45562.8	45924.8	46152.1	46567.7	46861.0	47302.4	47617.2
17.5°	38537.1	38847.8	38988.2	39408.6	39682.8	40216.9	40602.0	41235.7	41720.8	42425.0	42983.2
20°	31625.0	31970.4	32160.8	32640.4	32964.1	33588.1	34068.9	34847.6	35497.0	36389.3	37152.4
22.5°	24938.1	25266.8	25478.1	25966.0	26330.5	26981.4	27518.6	28340.6	29068.1	30073.7	30988.7
25°	19147.8	19448.9	19640.0	20081.4	20423.5	21021.7	21534.7	22325.2	23037.1	24045.8	24984.0
27.5°	14638.2	14890.5	15074.6	15450.9	15752.8	16260.1	16700.8	17354.0	17967.5	18840.1	19675.6
30°	11206.8	11430.4	11609.6	11937.3	12217.1	12656.9	13044.4	13593.1	14100.8	14795.2	15459.8
32.5°	8563.9	8756.4	8916.0	9202.9	9456.7	9852.8	10201.9	10682.9	11118.6	11707.5	12254.3
35°	6529.6	6908.4	6881.5	7277.3	7340.9	7625.1	7936.5	8357.1	8743.1	9243.8	9709.2
37.5°	5068.1	5174.6	5288.7	5463.5	5647.4	5906.0	6169.1	6683.0	6871.4	7249.8	7635.1
40°	4086.9	4158.8	4234.2	4352.4	4481.1	4663.3	4855.0	5100.1	5351.2	5658.1	5971.4
42.5°	3455.1	3495.8	3543.8	3613.3	3692.6	3808.1	3936.2	4102.5	4277.2	4493.2	4713.6
45°	3086.9	3067.5	3081.8	3119.1	3166.9	3237.2	3318.0	3421.0	3534.8	3674.6	3823.6
47.5°	2743.7	2751.5	2755.8	2776.0	2801.7	2848.7	2897.8	2967.7	3102.6	3143.7	3224.9
50°	2517.0	2520.8	2519.6	2529.9	2542.8	2573.4	2605.3	2652.5	2699.8	2762.4	2822.1
52.5°	2327.1	2332.4	2331.7	2338.4	2345.3	2364.7	2384.8	2418.2	2449.1	2488.9	2523.3
55°	2177.0	2184.3	2187.1	2192.8	2196.2	2206.3	2214.4	2230.3	2243.5	2266.1	2286.9
57.5°	2061.6	2071.6	2076.2	2078.2	2074.1	2073.6	2070.9	2074.2	2077.0	2089.0	2100.8
60°	1970.8	1978.8	1980.0	1978.8	1971.3	1966.0	1957.4	1954.8	1953.4	1959.2	1965.7
62.5°	1875.7	1878.6	1876.6	1874.3	1865.7	1860.6	1851.7	1848.5	1845.5	1849.5	1853.0
65°	1744.2	1746.7	1744.2	1742.7	1735.1	1731.0	1723.5	1721.0	1716.8	1717.8	1717.2
67.5°	1637.4	1639.8	1637.8	1635.9	1630.6	1628.1	1622.6	1619.0	1613.9	1611.9	1608.3
70°	1530.9	1532.8	1529.8	1527.9	1521.8	1519.4	1514.3	1513.3	1509.1	1508.3	1504.2
72.5°	1408.3	1408.5	1404.3	1403.0	1398.6	1398.4	1396.3	1398.2	1398.0	1400.2	1399.3
75°	1283.1	1281.3	1276.0	1275.0	1271.7	1273.3	1270.9	1274.0	1274.4	1279.0	1279.5
77.5°	1157.6	1151.0	1140.8	1136.0	1129.3	1128.5	1124.5	1127.1	1126.3	1131.6	1133.7
80°	999.0	991.0	978.0	971.8	963.8	962.6	959.0	962.6	960.8	967.0	971.5
82.5°	797.6	790.7	777.2	772.2	762.9	763.8	760.0	763.8	763.3	772.5	777.8
85°	589.9	585.3	571.5	559.2	545.5	537.6	529.7	528.3	526.0	529.7	532.9
87.5°	340.8	336.5	325.7	318.6	294.5	295.6	286.2	285.7	283.4	281.2	286.2
90°	52.0	58.1	56.4	61.9	61.0	67.3	67.0	73.1	71.8	77.4	77.2
92.5°	32.9	34.7	36.5	38.3	40.2	42.0	43.8	45.6	49.6	53.1	57.4
95°	44.0	46.2	48.2	50.4	52.5	54.6	56.7	58.8	64.6	70.3	76.2
97.5°	61.3	62.5	63.9	65.3	66.7	68.1	69.5	70.9	77.3	83.5	89.6
100°	77.7	78.8	79.9	81.0	82.1	83.3	84.4	85.5	97.9	109.8	121.8
102.5°	120.1	124.9	129.6	134.4	139.4	144.2	148.9	153.7	181.3	208.8	236.2
105°	219.8	232.9	246.2	259.2	272.3	285.4	298.6	311.7	355.9	399.7	444.0
107.5°	399.5	420.1	440.8	461.7	482.4	503.2	523.9	544.8	587.6	630.8	673.7
110°	606.1	626.0	645.7	665.6	685.3	705.2	725.1	745.2	771.0	796.8	822.8



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	754.3	763.9	773.6	783.5	793.2	803.1	812.9	822.8	835.9	848.9	862.2
115°	800.0	800.6	801.5	802.3	803.2	804.0	805.2	806.1	810.7	815.0	819.5
117.5°	763.8	758.6	753.7	748.4	743.5	738.8	734.0	729.4	728.9	728.6	728.5
120°	689.6	682.6	675.7	668.7	662.3	655.6	649.4	643.1	640.2	637.3	634.7
122.5°	600.3	593.5	586.8	580.2	573.8	567.5	561.4	555.3	553.5	551.8	550.3
125°	517.2	511.6	506.2	500.8	495.9	490.8	486.1	481.3	481.9	482.5	483.5
127.5°	451.4	448.1	445.0	442.1	439.6	436.8	434.5	431.9	434.5	437.0	439.6
130°	407.7	406.5	405.8	404.7	404.5	403.8	403.4	403.0	406.9	410.3	414.2
132.5°	384.1	384.3	384.8	385.4	386.2	387.0	388.3	389.1	393.2	397.3	401.4
135°	373.3	374.1	375.5	376.7	378.4	379.8	381.8	383.3	387.5	391.2	395.4
137.5°	371.7	372.8	374.3	375.7	377.8	379.5	381.7	383.5	386.8	390.0	393.3
140°	374.9	375.6	377.2	378.5	380.0	381.6	383.7	385.2	388.2	390.7	393.3
142.5°	378.8	379.5	380.8	382.2	383.7	385.0	386.7	388.1	390.3	392.2	394.8
145°	385.7	386.4	387.6	388.5	389.7	390.9	392.2	393.5	395.1	396.5	398.1
147.5°	390.0	390.6	391.5	392.4	393.4	394.4	395.2	396.1	397.5	398.6	399.8
150°	392.5	392.9	393.5	393.9	394.8	395.6	396.5	397.1	398.1	398.9	400.2
152.5°	391.8	392.1	392.6	393.0	393.8	394.4	394.9	395.7	396.7	397.4	398.4
155°	391.8	392.6	393.2	393.8	394.6	395.0	395.9	396.4	397.4	398.0	398.9
157.5°	393.8	394.2	395.1	395.4	396.3	396.9	397.5	398.1	398.9	399.5	400.3
160°	395.0	395.9	396.5	397.4	398.3	398.9	399.8	400.6	401.4	401.9	402.6
162.5°	399.1	399.9	400.5	401.1	401.8	402.5	403.1	403.7	404.8	405.3	406.3
165°	402.4	403.1	404.1	404.6	405.7	406.4	407.2	408.0	408.5	409.2	409.7
167.5°	407.8	408.4	409.4	410.1	410.9	411.7	412.4	413.2	413.8	414.2	415.0
170°	411.8	412.4	413.1	413.8	414.4	415.0	415.8	416.4	417.1	417.7	418.5
172.5°	417.6	418.1	418.6	419.0	419.5	420.1	420.6	421.0	421.6	422.1	422.5
175°	422.5	422.5	422.6	422.8	423.0	423.0	423.2	423.6	423.8	423.9	424.0
177.5°	425.3	425.4	425.5	425.6	425.8	425.9	426.1	426.2	426.2	426.2	426.2
180°	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5
2.5°	48471.2	48473.3	48434.2	48432.1	48395.4	48390.8	48355.1	48344.3	48315.3	48304.8	48275.3
5°	49941.8	49894.2	49784.1	49719.4	49610.6	49538.6	49420.9	49344.1	49230.6	49144.9	49030.6
7.5°	51429.1	51355.2	51231.6	51131.5	50980.6	50860.1	50683.5	50538.9	50347.6	50182.1	49981.2
10°	51865.3	51854.0	51822.5	51776.6	51706.4	51627.5	51507.3	51381.9	51214.4	51032.4	50809.1
12.5°	50792.0	50907.9	51065.9	51159.6	51273.6	51323.5	51370.2	51358.5	51327.8	51235.7	51106.6
15°	48073.2	48398.8	48830.1	49164.3	49548.7	49828.2	50136.8	50329.1	50520.9	50609.4	50663.7
17.5°	43748.1	44364.8	45138.0	45778.8	46518.2	47112.1	47763.0	48253.1	48757.0	49118.0	49444.6
20°	38192.6	39086.1	40179.7	41145.8	42269.2	43245.4	44315.2	45193.5	46099.2	46807.3	47477.7
22.5°	32166.9	33227.9	34550.0	35774.8	37222.9	38524.5	39993.0	41271.1	42605.5	43720.4	44798.3
25°	26241.4	27405.0	28850.7	30217.2	31857.4	33371.3	35112.8	36705.7	38430.4	39928.0	41407.2
27.5°	20830.6	21973.0	23449.0	24903.6	26638.0	28251.1	30117.1	31872.1	33836.0	35647.0	37499.5
30°	16383.5	17352.4	18675.8	20084.7	21795.3	23436.9	25323.1	27128.1	29171.1	31148.5	33235.2
32.5°	12980.1	13718.3	14758.8	15950.1	17528.4	19091.1	20887.1	22629.6	24641.4	26638.9	28809.1
35°	10308.6	10884.4	11677.7	12607.4	13943.9	15290.9	16879.6	18464.1	20341.1	22236.5	24346.0
37.5°	8128.9	8596.1	9217.3	9915.7	10987.8	12093.3	13395.9	14709.5	16340.4	18020.6	19932.4
40°	6347.8	6726.0	7209.7	7730.6	8540.1	9391.9	10399.2	11417.9	12728.2	14101.4	15683.6
42.5°	4986.7	5265.7	5607.4	5988.0	6743.3	7195.5	7878.6	8615.4	9578.7	10575.5	11765.2
45°	4004.7	4195.1	4432.0	4687.3	5037.8	5421.5	5889.3	6379.9	7295.0	7743.9	8467.4
47.5°	3344.3	3472.2	3622.9	3783.7	3990.5	4213.6	4491.1	4774.8	5141.7	5521.9	5967.7
50°	2899.6	3029.5	3081.3	3164.7	3284.3	3411.7	3568.1	3724.5	3921.3	4120.8	4350.3
52.5°	2569.5	2611.8	2668.1	2721.1	2795.2	2940.3	2987.3	3069.0	3179.4	3287.3	3407.8
55°	2317.4	2345.0	2381.6	2413.6	2458.4	2501.2	2563.1	2617.5	2691.1	2756.2	2836.2
57.5°	2121.2	2138.8	2164.2	2185.2	2214.2	2238.4	2274.6	2304.1	2346.5	2383.2	2431.7
60°	1978.6	1990.3	2007.5	2021.1	2039.6	2052.2	2070.2	2084.1	2106.5	2125.1	2152.1
62.5°	1862.2	1868.3	1879.4	1887.5	1899.2	1905.5	1915.2	1921.2	1933.5	1942.9	1958.0
65°	1722.5	1723.9	1731.4	1734.8	1744.0	1747.3	1755.2	1758.0	1768.1	1775.1	1788.5
67.5°	1608.0	1604.8	1605.0	1602.3	1603.6	1600.9	1601.6	1598.8	1602.8	1605.0	1615.1
70°	1503.5	1499.0	1497.6	1492.8	1491.4	1486.4	1485.0	1480.6	1480.0	1478.6	1482.2
72.5°	1401.6	1400.4	1400.8	1397.4	1397.0	1393.6	1393.8	1391.7	1394.0	1395.0	1399.6
75°	1284.5	1284.9	1287.1	1284.1	1285.0	1282.2	1283.2	1280.6	1282.0	1281.4	1286.1
77.5°	1141.9	1145.3	1151.5	1150.3	1152.2	1149.1	1150.5	1146.7	1147.7	1145.3	1147.1
80°	981.6	988.7	997.0	996.7	1000.2	998.0	1001.2	997.6	999.0	994.7	993.7
82.5°	791.2	797.2	806.1	806.5	814.3	815.8	824.4	824.1	829.6	826.1	823.6
85°	540.9	545.0	552.8	557.1	565.1	570.1	578.4	581.8	575.8	586.8	578.0
87.5°	282.4	292.9	287.1	300.8	297.6	311.5	308.4	321.2	318.8	329.7	328.3
90°	84.8	85.2	93.2	94.2	104.0	106.0	112.2	109.7	115.5	113.2	119.1
92.5°	61.0	65.4	69.3	73.3	77.2	81.2	77.5	73.8	70.2	66.6	62.9
95°	81.9	87.7	93.4	99.2	104.9	110.7	104.5	98.5	92.4	86.2	79.9
97.5°	95.8	102.1	108.3	114.5	120.8	127.0	119.7	112.4	105.1	98.0	90.6
100°	133.8	145.8	157.8	169.8	181.9	193.9	180.4	166.8	153.3	139.7	126.1
102.5°	264.1	291.4	318.9	346.6	374.0	401.7	372.9	344.2	315.3	286.5	257.5
105°	488.0	532.1	576.2	620.3	664.2	708.7	661.9	615.1	568.3	521.7	474.7
107.5°	716.9	759.8	803.1	845.9	889.1	932.4	885.1	837.6	790.4	742.9	695.4
110°	848.9	874.9	900.9	927.2	953.1	979.3	944.9	910.5	876.0	841.4	806.9



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	875.4	888.9	902.0	915.5	928.7	942.1	917.6	893.2	868.6	844.3	819.5
115°	824.2	828.7	833.4	838.1	842.6	847.3	831.0	814.6	798.4	782.1	765.3
117.5°	728.3	728.4	727.9	728.3	727.8	727.8	718.9	710.2	701.1	692.2	683.1
120°	631.8	629.0	626.3	623.7	620.8	617.9	614.6	611.3	607.6	604.2	600.5
122.5°	548.6	547.2	545.5	543.9	542.2	540.4	539.5	538.8	537.7	536.8	535.5
125°	484.3	484.9	485.8	486.6	487.2	487.8	487.6	487.7	487.4	487.4	487.0
127.5°	441.8	444.5	446.7	449.2	451.3	453.7	454.0	454.8	455.1	455.7	456.0
130°	417.6	421.5	425.0	428.4	431.5	435.3	435.3	435.9	436.0	436.3	436.5
132.5°	405.4	409.3	413.3	417.4	421.1	424.8	424.9	425.4	425.2	425.6	425.7
135°	399.0	403.0	406.4	410.5	413.8	417.5	417.4	417.6	417.4	417.8	417.7
137.5°	396.2	399.7	402.7	405.8	408.5	411.6	411.5	411.6	411.4	411.7	411.6
140°	395.9	398.6	400.9	403.5	406.0	408.4	408.0	407.9	407.6	407.4	406.9
142.5°	396.8	398.9	400.6	402.9	404.6	406.6	405.7	405.0	404.5	403.8	403.0
145°	399.6	401.2	402.6	404.0	405.0	406.6	405.5	404.8	403.4	402.7	401.6
147.5°	400.7	402.0	402.7	403.9	404.4	405.6	404.5	403.4	402.5	401.4	400.2
150°	400.8	402.0	402.7	403.5	404.3	405.2	403.9	402.8	401.5	400.3	399.1
152.5°	399.2	400.1	400.8	401.4	402.1	402.8	401.5	400.5	399.2	397.8	396.7
155°	399.3	400.2	400.5	401.3	401.5	401.9	400.6	400.0	398.9	397.8	396.5
157.5°	400.7	401.5	402.0	402.3	402.7	403.3	402.4	401.8	400.8	400.2	399.1
160°	403.2	403.7	404.2	404.6	405.1	405.3	404.7	404.3	403.6	402.8	401.9
162.5°	406.8	407.7	408.1	408.7	409.3	409.9	409.1	408.4	407.6	406.8	405.8
165°	410.3	410.8	411.4	411.9	412.1	412.6	412.2	411.8	411.1	410.7	410.0
167.5°	415.3	416.0	416.4	416.9	417.1	417.4	416.8	416.7	416.0	415.5	414.8
170°	418.8	419.3	420.0	420.5	420.9	421.1	420.9	420.5	419.9	419.6	419.0
172.5°	423.1	423.6	423.8	424.2	424.4	424.8	424.4	423.9	423.5	422.9	422.4
175°	424.0	424.2	424.6	424.6	424.6	424.8	424.4	424.0	423.6	423.1	422.7
177.5°	426.2	426.2	426.2	426.0	426.0	426.0	425.7	425.5	425.2	424.9	424.4
180°	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5	47963.5
2.5°	48264.8	48243.8	48230.3	48213.1	48202.6	48189.3	48179.4	48171.1	48164.4	48158.2	48153.5
5°	48943.5	48835.6	48751.9	48661.2	48586.7	48512.4	48455.2	48407.7	48375.0	48350.5	48335.9
7.5°	49807.5	49610.1	49434.4	49249.6	49083.9	48920.9	48780.5	48659.4	48568.6	48509.7	48474.0
10°	50579.2	50314.8	50053.4	49778.2	49517.3	49264.1	49030.6	48825.1	48662.5	48554.4	48491.3
12.5°	50925.1	50699.9	50433.0	50134.2	49814.4	49490.8	49175.4	48891.1	48652.3	48492.2	48399.7
15°	50620.5	50528.0	50346.9	50115.0	49811.5	49477.0	49106.7	48758.6	48438.4	48230.9	48110.5
17.5°	49629.5	49758.5	49744.7	49656.0	49437.8	49156.2	48778.9	48387.9	47987.5	47710.0	47558.4
20°	47957.1	48362.7	48568.6	48674.2	48588.5	48405.9	48064.3	47667.5	47200.8	46838.4	46617.4
22.5°	45606.9	46323.2	46769.5	47096.0	47165.4	47103.2	46801.5	46424.1	45903.8	45468.3	45141.8
25°	42581.5	43630.8	44336.1	44889.1	45103.9	45159.4	44902.6	44527.4	43947.4	43440.1	42991.6
27.5°	39018.0	40381.4	41323.2	42066.2	42401.6	42547.0	42310.8	41927.9	41241.7	40636.1	40050.2
30°	35006.1	36623.7	37757.7	38648.6	39057.5	39249.6	38998.7	38571.2	37772.8	37043.9	36305.9
32.5°	30712.2	32482.3	33718.0	34685.5	35090.6	35271.4	34943.1	34463.1	33540.2	32681.6	31820.9
35°	26216.5	28003.2	29249.3	30191.1	30530.5	30639.6	30219.6	29664.9	28642.4	27700.1	26761.6
37.5°	21629.3	23291.5	24424.0	25269.2	25479.3	25498.2	24992.3	24379.5	23304.8	22375.7	21441.4
40°	17081.7	18483.5	19397.9	20074.4	20147.3	20082.3	19532.3	18915.6	17910.2	17077.8	16257.6
42.5°	12798.1	13856.3	14508.7	14972.3	14944.7	14816.2	14311.9	13781.8	12952.3	12318.3	11672.9
45°	9128.2	9826.0	10207.4	10478.7	10391.6	10269.1	9876.7	9505.1	8941.4	8531.9	8098.1
47.5°	6341.5	7174.7	7029.6	7560.1	7103.1	7404.9	6776.3	6429.9	6130.7	5913.2	5668.0
50°	4539.9	4730.8	4823.1	4886.1	4852.6	4806.3	4693.4	4592.4	4455.7	4356.2	4240.1
52.5°	3506.1	3601.6	3653.8	3691.7	3684.3	3667.3	3618.1	3573.2	3509.1	3467.0	3416.2
55°	2969.8	2971.2	3067.4	3026.1	3087.1	3015.6	3043.7	2964.7	2977.4	2909.5	2863.9
57.5°	2467.9	2506.9	2524.5	2541.6	2536.8	2533.8	2514.8	2505.1	2483.7	2477.0	2461.8
60°	2170.8	2191.2	2195.5	2203.3	2196.8	2194.2	2179.3	2174.0	2159.6	2157.0	2146.7
62.5°	1967.1	1977.6	1977.6	1977.6	1969.1	1960.8	1944.3	1935.6	1923.3	1920.7	1914.8
65°	1797.2	1807.9	1809.7	1812.1	1805.9	1799.4	1784.9	1775.4	1762.8	1758.0	1751.3
67.5°	1621.7	1633.2	1637.2	1643.0	1639.4	1638.2	1628.3	1624.5	1616.2	1614.2	1608.0
70°	1483.9	1488.7	1488.3	1488.1	1480.4	1473.4	1461.9	1456.4	1447.7	1445.9	1440.2
72.5°	1402.0	1405.3	1403.2	1400.2	1390.1	1379.8	1366.3	1356.3	1344.9	1337.8	1329.8
75°	1286.6	1291.1	1288.3	1286.3	1277.2	1270.5	1259.6	1254.1	1246.1	1243.8	1238.2
77.5°	1144.9	1147.1	1142.4	1141.9	1135.0	1130.7	1122.6	1121.1	1115.2	1115.4	1110.1
80°	987.3	986.0	978.6	977.2	970.2	968.5	962.0	962.4	957.8	959.8	956.0
82.5°	812.3	807.9	798.2	795.3	787.3	786.6	782.3	785.9	783.0	787.3	784.8
85°	582.2	583.4	579.2	579.2	576.8	577.6	577.2	579.8	580.2	584.1	583.9
87.5°	324.6	329.3	328.3	332.6	332.4	337.2	338.8	345.9	346.8	353.4	353.4
90°	116.9	123.5	121.0	127.8	127.0	134.4	134.9	142.3	141.8	148.2	146.4
92.5°	59.2	55.5	52.0	48.2	46.4	44.2	43.0	40.6	39.1	36.9	35.0
95°	73.7	67.5	61.4	55.2	53.0	50.8	48.6	46.6	44.4	42.3	40.2
97.5°	83.3	76.0	68.7	61.4	59.5	57.7	55.6	53.9	52.0	50.2	48.3
100°	112.4	98.7	85.3	71.5	69.9	68.4	66.8	65.3	63.7	62.0	60.4
102.5°	228.7	199.8	170.8	141.8	136.3	130.9	125.3	119.6	114.2	108.7	103.1
105°	428.0	381.0	334.1	287.1	272.2	257.3	242.3	227.3	212.4	197.6	182.6
107.5°	647.9	600.2	552.8	505.1	477.7	450.1	422.5	394.7	367.4	339.6	312.0
110°	772.3	737.7	702.9	668.1	646.2	624.0	601.7	579.5	557.5	535.1	512.8



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	794.9	770.3	745.4	720.4	710.7	700.6	690.8	680.7	670.7	660.4	650.5
115°	748.8	732.4	715.7	698.9	695.7	692.2	688.9	685.3	682.0	678.4	674.7
117.5°	674.2	665.1	655.9	646.7	647.5	648.3	649.1	649.8	650.4	650.8	651.4
120°	597.0	593.2	589.8	585.9	589.5	592.7	596.1	599.1	602.4	605.2	608.2
122.5°	534.7	533.4	532.5	531.0	535.3	539.4	543.3	547.2	551.0	554.3	557.8
125°	487.0	486.6	486.4	485.9	490.3	494.4	498.4	502.2	506.2	509.6	513.1
127.5°	456.6	456.9	457.5	457.7	461.1	464.0	467.0	469.7	472.8	475.0	477.3
130°	436.9	436.9	437.3	437.4	440.4	443.3	446.3	448.7	451.4	453.4	455.5
132.5°	426.0	426.0	426.3	426.2	428.8	430.9	433.3	434.8	436.9	438.1	439.6
135°	417.9	417.7	417.9	417.6	419.9	422.2	424.1	425.8	427.7	428.8	430.1
137.5°	411.7	411.5	411.5	411.3	413.5	415.4	417.2	418.8	420.3	421.7	422.6
140°	406.9	406.3	406.4	405.9	407.8	409.5	411.3	412.6	414.2	415.1	416.1
142.5°	402.3	401.4	401.1	400.1	401.6	402.9	404.1	405.2	406.4	407.1	407.7
145°	400.6	399.3	398.7	397.4	398.7	399.5	400.7	401.7	402.3	402.7	403.3
147.5°	399.4	398.1	396.9	395.8	397.0	397.5	398.2	398.7	399.5	399.8	400.1
150°	397.8	396.3	394.9	393.6	394.3	394.7	395.2	395.9	396.2	396.4	396.7
152.5°	395.3	394.0	392.6	391.1	391.5	391.7	392.0	392.2	392.5	392.6	392.7
155°	395.5	394.2	392.9	391.5	391.9	392.0	392.1	392.2	392.1	392.0	392.0
157.5°	398.2	396.9	396.2	394.9	394.9	394.8	394.8	394.2	394.2	393.8	393.4
160°	401.3	400.3	399.4	398.4	398.2	398.0	397.9	397.4	397.1	396.6	396.1
162.5°	404.8	403.8	402.7	401.5	401.4	401.3	401.1	400.4	400.3	399.7	399.3
165°	409.4	408.6	407.8	406.9	406.7	406.3	406.2	405.4	405.1	404.4	403.8
167.5°	414.1	413.4	412.5	411.4	411.4	411.3	411.2	410.7	410.6	409.9	409.8
170°	418.4	417.7	417.1	416.4	416.1	415.9	415.5	415.1	414.6	414.3	413.7
172.5°	421.6	421.1	420.3	419.5	419.5	419.3	418.9	418.7	418.1	417.8	417.7
175°	422.1	421.7	420.9	420.5	420.3	420.1	420.0	419.8	419.5	419.3	418.9
177.5°	424.1	423.9	423.3	423.0	422.8	422.8	422.6	422.5	422.5	422.3	422.1
180°	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3	424.3



TEST NUMBER: P1444493  
 CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	47963.5	47963.5
2.5°	48149.3	48146.7
5°	48328.3	48325.4
7.5°	48464.4	48463.5
10°	48480.4	48488.7
12.5°	48383.7	48390.5
15°	48101.3	48114.4
17.5°	47561.2	47578.4
20°	46630.9	46648.8
22.5°	45124.2	45131.7
25°	42933.7	42902.6
27.5°	39947.3	39893.8
30°	36150.9	36099.2
32.5°	31624.7	31592.3
35°	26529.6	26509.1
37.5°	21165.3	21123.7
40°	15957.8	15836.5
42.5°	11390.2	11177.5
45°	7871.6	7619.5
47.5°	5495.2	5339.3
50°	4165.3	4115.0
52.5°	3394.0	3382.2
55°	2863.7	2858.6
57.5°	2465.1	2463.4
60°	2152.1	2151.6
62.5°	1918.8	1919.6
65°	1754.3	1754.6
67.5°	1609.6	1608.5
70°	1442.3	1441.1
72.5°	1327.1	1325.2
75°	1238.2	1237.0
77.5°	1111.7	1109.7
80°	958.4	956.0
82.5°	788.3	785.5
85°	588.1	588.2
87.5°	359.8	359.6
90°	152.3	149.6
92.5°	33.6	32.0
95°	38.1	36.0
97.5°	46.6	44.7
100°	58.9	57.3
102.5°	97.7	92.2
105°	167.7	152.8
107.5°	284.4	256.8
110°	490.6	468.4



TEST NUMBER: P1444493  
CATALOG NUMBER: EHBR1-60-UNV-TA-L830-UPL24

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	640.1	630.0
115°	670.7	667.0
117.5°	651.7	651.9
120°	610.6	613.5
122.5°	560.9	564.1
125°	516.1	519.3
127.5°	479.3	481.2
130°	456.8	458.6
132.5°	440.4	441.2
135°	430.7	431.4
137.5°	423.1	423.7
140°	416.4	416.8
142.5°	408.1	408.3
145°	403.5	403.6
147.5°	399.6	399.7
150°	396.4	396.3
152.5°	392.2	392.1
155°	391.5	391.3
157.5°	392.6	392.3
160°	395.5	395.0
162.5°	398.6	398.2
165°	403.0	402.2
167.5°	409.0	408.8
170°	413.2	412.8
172.5°	417.1	416.7
175°	418.7	418.5
177.5°	422.1	421.7
180°	424.3	424.3

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-2

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L830-N

Data in this report applies to families of products including EHBR-60-L830-N

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2506-472-2  
 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-L830-N**  
 Description: Elevate Round Highbay at, 60000 lumens, 3000K 80CRI LEDs with N lens

**Spectral Parameters**

CCT (K): 2983  
 CIE u': 0.2516  
 CIE v': 0.5201  
 Duv: -0.0012  
 CIE x: 0.4364  
 CIE y: 0.4010  
 CIE z: 0.1626  
 Peak Wavelength (nm): 630  
 Dominant Wavelength (nm): 583  
 Purity: 51.34918  
 Rf: 81.2  
 Rg: 101.5

CRI (Ra):	83.4		
R1:	84.0	R9:	29.4
R2:	87.5	R10:	68.6
R3:	88.9	R11:	82.2
R4:	83.8	R12:	61.6
R5:	81.9	R13:	83.9
R6:	83.1	R14:	92.5
R7:	87.1	R15:	79.8
R8:	70.9		



**Test Conditions**

Stabilization Time: 38M  
 Operation Time: 1H 38M  
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2506-472-2

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: SP1-2506-472-2

CIE 1931 Chromaticity Diagram



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

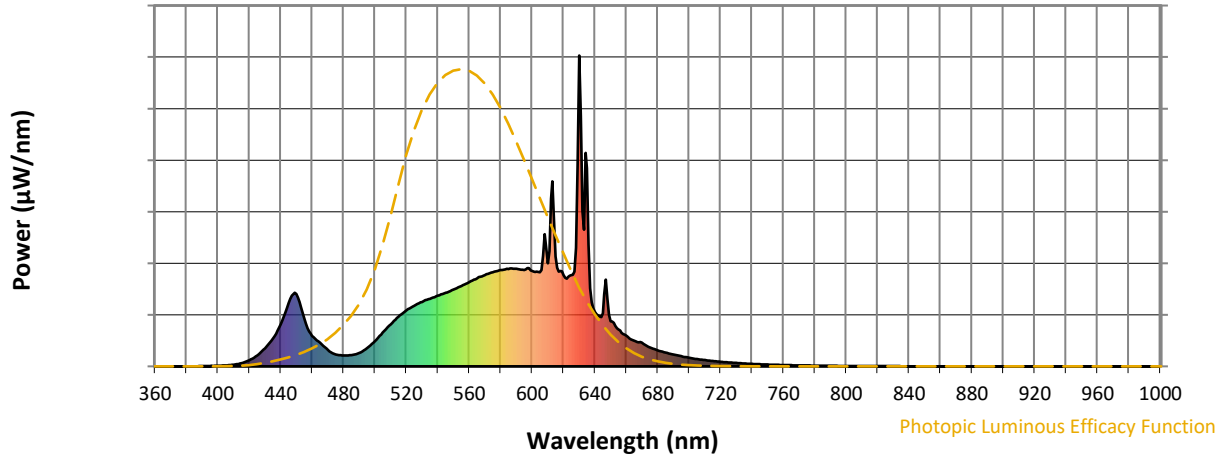


CCT = 2983K  
 CIE x = 0.4364  
 CIE y = 0.4010  
 Duv = -0.0012

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-2

**Photopic Flux vs. Wavelength**



**Photopic Lumens: NR**

λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	43	NR	620	294	NR	750	6	NR	880	0	NR
365	0	NR	495	59	NR	625	294	NR	755	5	NR	885	0	NR
370	0	NR	500	81	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	109	NR	635	637	NR	765	4	NR	895	0	NR
380	0	NR	510	135	NR	640	175	NR	770	3	NR	900	0	NR
385	0	NR	515	160	NR	645	171	NR	775	3	NR	905	0	NR
390	1	NR	520	180	NR	650	146	NR	780	2	NR	910	0	NR
395	1	NR	525	195	NR	655	119	NR	785	2	NR	915	0	NR
400	2	NR	530	207	NR	660	99	NR	790	2	NR	920	0	NR
405	3	NR	535	218	NR	665	82	NR	795	2	NR	925	0	NR
410	5	NR	540	227	NR	670	76	NR	800	1	NR	930	0	NR
415	10	NR	545	237	NR	675	61	NR	805	1	NR	935	0	NR
420	20	NR	550	247	NR	680	52	NR	810	1	NR	940	0	NR
425	35	NR	555	259	NR	685	44	NR	815	1	NR	945	0	NR
430	58	NR	560	271	NR	690	38	NR	820	1	NR	950	0	NR
435	90	NR	565	283	NR	695	33	NR	825	1	NR	955	0	NR
440	135	NR	570	293	NR	700	27	NR	830	1	NR	960	0	NR
445	204	NR	575	303	NR	705	24	NR	835	1	NR	965	0	NR
450	233	NR	580	310	NR	710	20	NR	840	0	NR	970	0	NR
455	153	NR	585	313	NR	715	17	NR	845	0	NR	975	0	NR
460	98	NR	590	314	NR	720	15	NR	850	0	NR	980	0	NR
465	76	NR	595	310	NR	725	13	NR	855	0	NR	985	0	NR
470	53	NR	600	307	NR	730	11	NR	860	0	NR	990	0	NR
475	39	NR	605	303	NR	735	9	NR	865	0	NR	995	0	NR
480	35	NR	610	331	NR	740	8	NR	870	0	NR	1000	0	NR
485	36	NR	615	353	NR	745	7	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-2

**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.27**

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	43	NR	620	294	NR	750	6	NR	880	0	NR
365	0	NR	495	59	NR	625	294	NR	755	5	NR	885	0	NR
370	0	NR	500	81	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	109	NR	635	637	NR	765	4	NR	895	0	NR
380	0	NR	510	135	NR	640	175	NR	770	3	NR	900	0	NR
385	0	NR	515	160	NR	645	171	NR	775	3	NR	905	0	NR
390	1	NR	520	180	NR	650	146	NR	780	2	NR	910	0	NR
395	1	NR	525	195	NR	655	119	NR	785	2	NR	915	0	NR
400	2	NR	530	207	NR	660	99	NR	790	2	NR	920	0	NR
405	3	NR	535	218	NR	665	82	NR	795	2	NR	925	0	NR
410	5	NR	540	227	NR	670	76	NR	800	1	NR	930	0	NR
415	10	NR	545	237	NR	675	61	NR	805	1	NR	935	0	NR
420	20	NR	550	247	NR	680	52	NR	810	1	NR	940	0	NR
425	35	NR	555	259	NR	685	44	NR	815	1	NR	945	0	NR
430	58	NR	560	271	NR	690	38	NR	820	1	NR	950	0	NR
435	90	NR	565	283	NR	695	33	NR	825	1	NR	955	0	NR
440	135	NR	570	293	NR	700	27	NR	830	1	NR	960	0	NR
445	204	NR	575	303	NR	705	24	NR	835	1	NR	965	0	NR
450	233	NR	580	310	NR	710	20	NR	840	0	NR	970	0	NR
455	153	NR	585	313	NR	715	17	NR	845	0	NR	975	0	NR
460	98	NR	590	314	NR	720	15	NR	850	0	NR	980	0	NR
465	76	NR	595	310	NR	725	13	NR	855	0	NR	985	0	NR
470	53	NR	600	307	NR	730	11	NR	860	0	NR	990	0	NR
475	39	NR	605	303	NR	735	9	NR	865	0	NR	995	0	NR
480	35	NR	610	331	NR	740	8	NR	870	0	NR	1000	0	NR
485	36	NR	615	353	NR	745	7	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-2

**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: NR**

**M/P: 2.34**

$\lambda$ (nm)	Power $W^{\wedge}/nm$	Lumens ( $\phi/nm$ )	$\lambda$ (nm)	Power $W^{\wedge}/nm$	Lumens ( $\phi/nm$ )	$\lambda$ (nm)	Power $W^{\wedge}/nm$	Lumens ( $\phi/nm$ )	$\lambda$ (nm)	Power $W^{\wedge}/nm$	Lumens ( $\phi/nm$ )	$\lambda$ (nm)	Power $W^{\wedge}/nm$	Lumens ( $\phi/nm$ )
360	0	NR	490	43	NR	620	294	NR	750	6	NR	880	0	NR
365	0	NR	495	59	NR	625	294	NR	755	5	NR	885	0	NR
370	0	NR	500	81	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	109	NR	635	637	NR	765	4	NR	895	0	NR
380	0	NR	510	135	NR	640	175	NR	770	3	NR	900	0	NR
385	0	NR	515	160	NR	645	171	NR	775	3	NR	905	0	NR
390	1	NR	520	180	NR	650	146	NR	780	2	NR	910	0	NR
395	1	NR	525	195	NR	655	119	NR	785	2	NR	915	0	NR
400	2	NR	530	207	NR	660	99	NR	790	2	NR	920	0	NR
405	3	NR	535	218	NR	665	82	NR	795	2	NR	925	0	NR
410	5	NR	540	227	NR	670	76	NR	800	1	NR	930	0	NR
415	10	NR	545	237	NR	675	61	NR	805	1	NR	935	0	NR
420	20	NR	550	247	NR	680	52	NR	810	1	NR	940	0	NR
425	35	NR	555	259	NR	685	44	NR	815	1	NR	945	0	NR
430	58	NR	560	271	NR	690	38	NR	820	1	NR	950	0	NR
435	90	NR	565	283	NR	695	33	NR	825	1	NR	955	0	NR
440	135	NR	570	293	NR	700	27	NR	830	1	NR	960	0	NR
445	204	NR	575	303	NR	705	24	NR	835	1	NR	965	0	NR
450	233	NR	580	310	NR	710	20	NR	840	0	NR	970	0	NR
455	153	NR	585	313	NR	715	17	NR	845	0	NR	975	0	NR
460	98	NR	590	314	NR	720	15	NR	850	0	NR	980	0	NR
465	76	NR	595	310	NR	725	13	NR	855	0	NR	985	0	NR
470	53	NR	600	307	NR	730	11	NR	860	0	NR	990	0	NR
475	39	NR	605	303	NR	735	9	NR	865	0	NR	995	0	NR
480	35	NR	610	331	NR	740	8	NR	870	0	NR	1000	0	NR
485	36	NR	615	353	NR	745	7	NR	875	0	NR			

**Summary**

$R_f = 81.2$   
 $R_g = 101.5$   
 CIE  $R_a = 83.4$   
 $R_9 = 29.4$



**Color Vector Graphics**

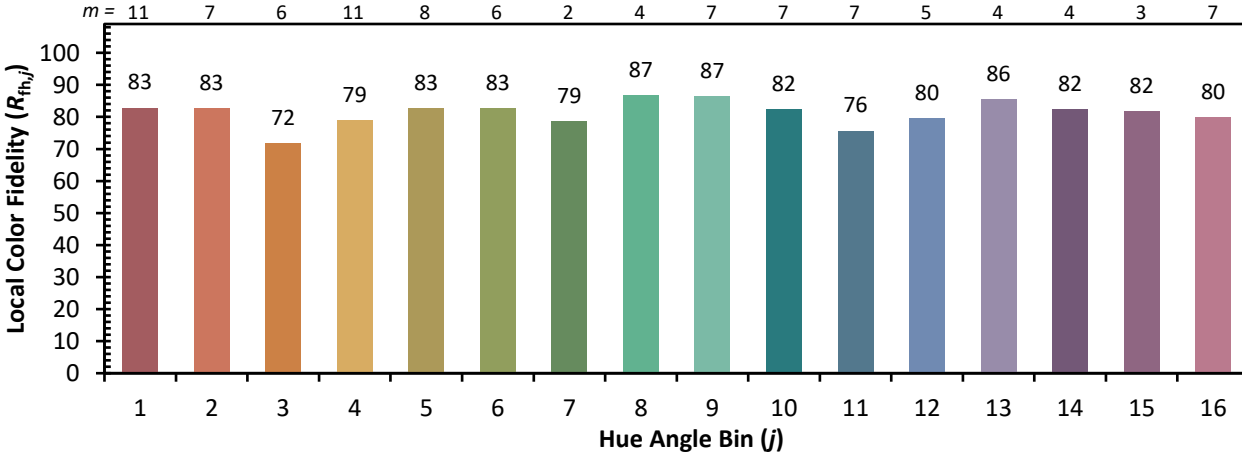


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

CES01 = 86	CES26 = 71	CES51 = 89	CES76 = 65
CES02 = 63	CES27 = 89	CES52 = 89	CES77 = 82
CES03 = 31	CES28 = 86	CES53 = 80	CES78 = 67
CES04 = 70	CES29 = 68	CES54 = 92	CES79 = 89
CES05 = 50	CES30 = 77	CES55 = 90	CES80 = 85
CES06 = 51	CES31 = 70	CES56 = 81	CES81 = 75
CES07 = 43	CES32 = 64	CES57 = 79	CES82 = 93
CES08 = 41	CES33 = 74	CES58 = 81	CES83 = 89
CES09 = 29	CES34 = 76	CES59 = 92	CES84 = 91
CES10 = 76	CES35 = 87	CES60 = 96	CES85 = 81
CES11 = 59	CES36 = 99	CES61 = 91	CES86 = 74
CES12 = 65	CES37 = 81	CES62 = 93	CES87 = 83
CES13 = 44	CES38 = 83	CES63 = 79	CES88 = 86
CES14 = 74	CES39 = 94	CES64 = 81	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 78	CES90 = 85
CES16 = 48	CES41 = 88	CES66 = 76	CES91 = 87
CES17 = 50	CES42 = 80	CES67 = 74	CES92 = 73
CES18 = 57	CES43 = 75	CES68 = 79	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 83	CES94 = 64
CES20 = 67	CES45 = 83	CES70 = 72	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 70	CES96 = 86
CES22 = 79	CES47 = 79	CES72 = 90	CES97 = 85
CES23 = 92	CES48 = 78	CES73 = 65	CES98 = 83
CES24 = 91	CES49 = 79	CES74 = 94	CES99 = 82
CES25 = 72	CES50 = 88	CES75 = 70	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)