

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: P1444572

Luminaire Tested: EHBR1-12-UNV-TA-L850-UPL18

Issue Date: 5/1/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1444572  
REPORT IS A COMBINATION OF REPORTS P1444318 AND P1431635  
Test Lab: INNOVATION CENTER  
Issue Date: 5/1/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: EHBR1-12-UNV-TA-L850-UPL18  
Description: Elevate Round Highbay at, 12000 lumens, 5000K 80CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

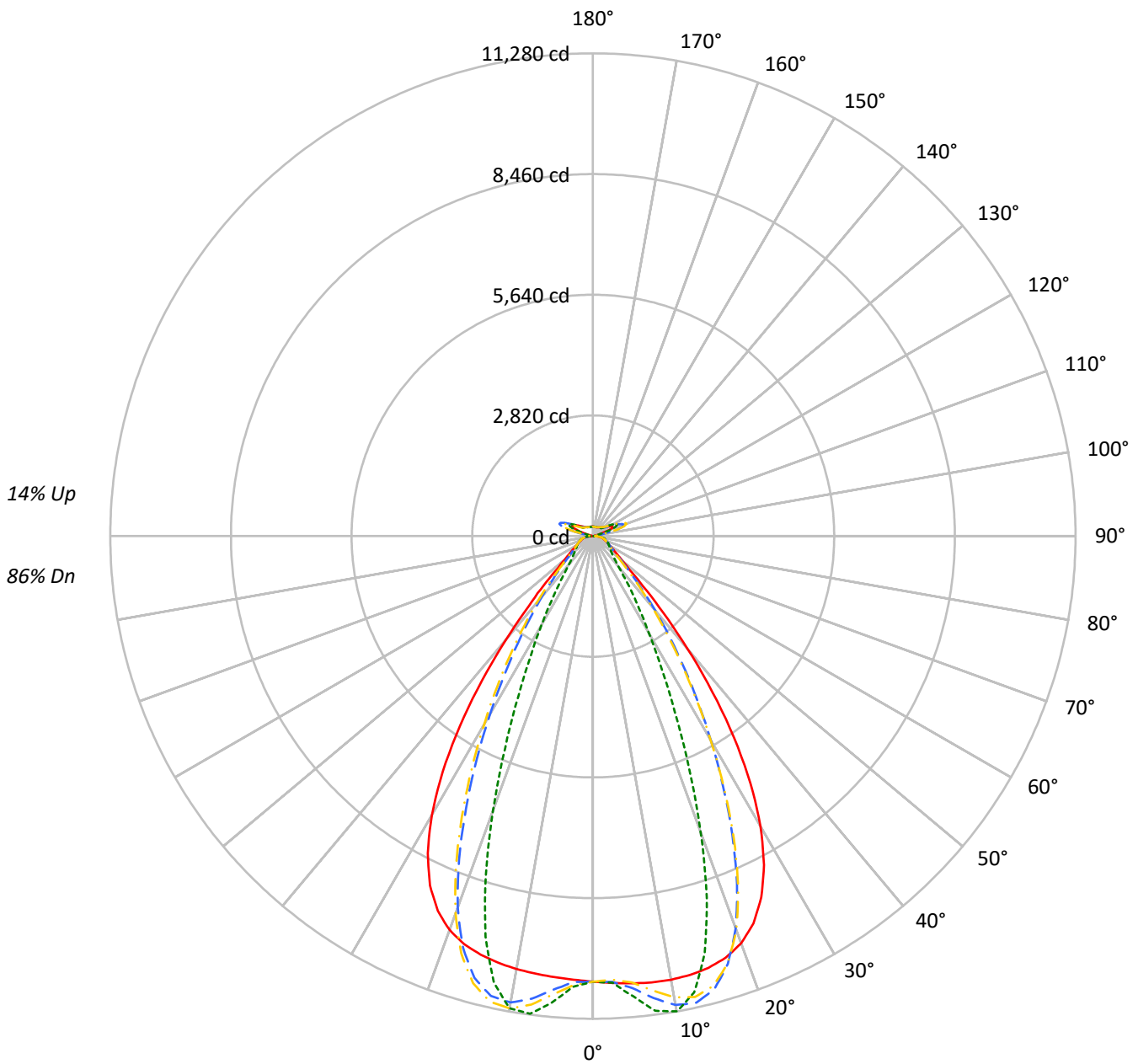
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13866.8 lumens  
Efficiency: N/A  
Efficacy: 181.0 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: Semi-Direct

Input Watts (W): 76.6  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P1444572  
CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

### Luminous Intensity Polar Plot



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



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**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
RCR																				
0	116	116	116	116	112	112	112	112	104	104	104	96	96	96	90	90	90	86		
1	109	105	102	99	105	102	99	96	95	93	91	89	87	86	83	82	81	78		
2	102	96	91	87	98	93	88	85	87	84	81	82	79	77	77	75	73	71		
3	95	88	82	77	92	85	80	75	80	76	72	76	73	70	72	69	67	65		
4	89	81	74	69	86	78	73	68	74	70	66	71	67	63	67	64	61	59		
5	84	74	68	63	81	73	66	62	69	64	60	66	62	58	63	59	56	54		
6	79	69	62	57	77	67	61	57	65	59	55	62	57	54	59	55	52	50		
7	75	64	57	53	72	63	57	52	60	55	51	58	53	50	56	52	48	47		
8	71	60	53	49	69	59	53	48	57	51	47	54	50	46	52	48	45	43		
9	67	56	50	45	65	55	49	45	53	48	44	51	46	43	49	45	42	41		
10	63	53	46	42	62	52	46	42	50	45	41	48	44	40	47	43	40	38		

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

	0°	90°	180°	270°
0°	48896	48896	48896	48896
5°	49132	50565	48445	51228
10°	49543	53090	48355	52738
15°	49786	48125	48270	46188
20°	49271	35852	47658	33171
25°	46637	22674	45095	20573
30°	40740	13625	39163	12452
35°	31355	8550	29551	7573
40°	19834	5363	18147	5040
45°	10223	4178	10054	4110
50°	5994	3717	5810	3659
55°	4592	3516	4422	3485
60°	3886	3592	3720	3545
65°	3649	3751	3509	3623
70°	3566	3927	3387	3779
75°	3813	4165	3606	3980
80°	3946	4612	3576	4210
85°	3715	4449	3000	3809

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 25°  
 Vertical Angle: 45°  
 Luminance: 15645 cd/sqm



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1026.1	7.4
10°-20°	2886.6	20.8
20°-30°	3287.6	23.7
30°-40°	2363.0	17.0
40°-50°	1089.8	7.9
50°-60°	521.5	3.8
60°-70°	380.5	2.7
70°-80°	289.1	2.1
80°-90°	134.7	1.0
90°-100°	51.9	0.4
100°-110°	319.0	2.3
110°-120°	589.7	4.3
120°-130°	355.5	2.6
130°-140°	221.6	1.6
140°-150°	158.9	1.1
150°-160°	107.2	0.8
160°-170°	62.9	0.5
170°-180°	21.2	0.2
0°-30°	7200.3	51.9
0°-40°	9563.3	69.0
0°-60°	11174.6	80.6
0°-90°	11978.9	86.4
90°-120°	960.6	6.9
90°-150°	1696.6	12.2
90°-180°	1888.0	13.6
0°-180°	13866.8	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	10412	10412	10412	10412	10412	
5°	10490	10796	10344	10938	10490	1002
15°	10445	10096	10127	9690	10445	2943
25°	9313	4528	9006	4108	9313	4222
35°	5755	1569	5424	1390	5755	3532
45°	1654	676	1627	665	1654	1407
55°	620	475	598	471	620	573
65°	381	392	366	378	381	380
75°	269	293	254	280	269	279
85°	128	153	103	131	128	120
90°	42	51	17	20	42	25
95°	24	27	24	27	24	23
105°	113	147	75	147	113	150
115°	512	626	537	626	512	472
125°	378	403	429	404	378	344
135°	287	261	310	262	287	224
145°	246	245	263	247	246	156
155°	224	228	240	229	224	104
165°	218	219	226	220	218	62
175°	220	222	224	223	220	21
180°	222	222	222	222	222	



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0
2.5°	10451.7	10451.0	10450.8	10450.1	10449.9	10449.9	10449.5	10448.6	10448.1	10446.9	10445.5
5°	10490.5	10490.0	10490.3	10490.4	10489.7	10488.1	10485.5	10482.4	10478.5	10474.7	10471.5
7.5°	10520.5	10521.3	10522.2	10522.0	10519.7	10515.9	10510.7	10507.7	10509.5	10515.2	10528.2
10°	10526.0	10530.5	10532.2	10531.7	10527.2	10523.8	10525.1	10536.1	10558.1	10587.4	10627.5
12.5°	10504.7	10510.2	10510.0	10508.1	10503.7	10508.2	10524.2	10557.0	10604.1	10661.8	10729.6
15°	10444.8	10451.8	10449.9	10447.5	10444.6	10459.2	10491.1	10548.2	10620.9	10702.3	10785.7
17.5°	10328.4	10337.0	10332.8	10330.1	10327.7	10355.2	10410.1	10493.6	10585.1	10677.3	10756.3
20°	10126.6	10132.3	10122.4	10117.8	10121.7	10175.6	10256.5	10363.1	10459.6	10546.7	10600.7
22.5°	9797.2	9804.4	9785.8	9783.6	9806.6	9889.5	9991.6	10110.9	10201.6	10270.7	10291.4
25°	9313.4	9320.3	9298.2	9311.4	9350.6	9463.6	9585.3	9712.8	9790.2	9841.3	9827.2
27.5°	8660.2	8666.6	8645.6	8672.6	8734.5	8882.8	9026.2	9164.5	9233.4	9269.3	9223.9
30°	7836.4	7849.8	7824.9	7862.6	7957.0	8149.8	8313.9	8469.0	8537.8	8565.1	8494.4
32.5°	6858.1	6877.0	6849.7	6905.8	7037.5	7269.0	7455.4	7628.8	7704.8	7735.9	7656.1
35°	5754.7	5781.8	5750.5	5834.6	5997.1	6254.9	6461.3	6654.8	6744.9	6789.0	6708.6
37.5°	4585.6	4611.5	4594.5	4706.8	4885.3	5152.3	5363.1	5571.9	5673.6	5739.8	5676.4
40°	3437.8	3461.5	3474.3	3602.8	3770.7	4022.4	4224.8	4431.4	4545.2	4628.3	4589.2
42.5°	2426.4	2450.3	2494.0	2618.0	2757.8	2966.3	3139.7	3325.1	3433.8	3522.5	3507.4
45°	1654.1	1681.8	1736.5	1837.9	1939.2	2088.7	2216.0	2360.3	2449.1	2530.3	2531.3
47.5°	1159.1	1178.5	1227.5	1296.7	1362.7	1549.9	1557.6	1628.5	1688.1	1748.9	1756.8
50°	893.3	905.0	930.9	969.6	1006.9	1055.6	1100.1	1151.4	1188.2	1221.5	1229.4
52.5°	734.3	741.6	754.9	775.8	797.4	823.9	847.7	875.9	895.9	913.7	917.4
55°	620.5	626.7	646.3	650.4	675.1	679.9	690.5	707.6	719.3	729.9	732.7
57.5°	534.8	539.3	543.4	552.3	560.0	571.1	580.0	592.3	599.7	607.3	608.0
60°	467.1	470.3	473.3	479.5	484.7	492.4	498.6	507.0	512.2	518.0	518.6
62.5°	416.7	419.0	421.0	425.1	428.8	434.8	439.7	446.6	451.6	456.0	457.0
65°	380.9	382.6	383.9	386.9	390.2	395.3	399.7	405.4	409.0	412.5	413.1
67.5°	349.2	350.8	352.1	354.9	357.2	361.0	363.9	368.3	370.9	373.7	373.8
70°	312.9	314.3	315.3	318.0	319.7	323.0	325.4	329.3	332.0	335.1	335.8
72.5°	287.7	288.6	289.9	292.3	294.8	298.3	301.5	305.5	308.8	312.1	313.3
75°	268.6	269.5	270.4	272.5	274.3	277.2	279.6	283.2	286.1	289.6	291.2
77.5°	241.0	242.1	242.9	244.9	246.5	249.2	251.0	254.3	256.7	259.8	261.3
80°	207.6	208.6	209.2	211.1	212.3	214.9	216.6	219.8	221.8	224.8	226.7
82.5°	170.5	171.6	171.9	173.8	174.4	176.5	177.8	181.0	183.5	187.5	190.3
85°	127.7	128.1	128.7	128.2	130.8	130.9	133.9	134.5	138.3	139.3	143.7
87.5°	78.1	79.3	79.8	81.5	82.3	84.1	84.7	86.5	87.6	89.8	90.8
90°	41.9	44.4	45.6	48.2	49.4	52.0	53.0	55.7	56.9	59.6	61.7
92.5°	20.9	22.4	23.8	25.2	26.7	28.5	30.1	31.5	33.0	34.7	37.7
95°	23.9	25.5	27.2	28.9	30.5	32.3	34.0	35.7	37.3	39.0	43.9
97.5°	30.2	31.6	33.1	34.5	36.0	37.4	38.9	40.3	41.7	43.2	49.0
100°	39.5	40.8	41.9	43.2	44.4	45.7	46.9	48.1	49.3	50.6	61.4
102.5°	66.1	70.4	74.8	79.2	83.5	87.9	92.2	96.6	101.0	105.3	128.3
105°	113.0	124.7	136.7	148.4	160.3	172.2	184.1	195.8	207.7	219.5	256.9
107.5°	194.1	215.9	237.8	259.8	281.7	303.6	325.5	347.5	369.3	391.2	429.2
110°	360.1	377.7	395.4	412.9	430.6	448.2	465.9	483.4	501.1	518.7	546.3



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	485.9	493.9	501.9	509.9	518.0	525.9	533.9	541.8	549.9	557.8	577.7
115°	512.3	515.1	517.9	520.7	523.7	526.4	529.3	532.1	534.9	537.6	551.1
117.5°	496.5	496.1	495.7	495.3	494.7	494.3	493.8	493.3	492.8	492.3	500.0
120°	461.8	459.4	457.1	454.7	452.3	449.9	447.5	445.2	442.7	440.2	443.5
122.5°	418.2	415.4	412.6	409.7	406.9	403.9	401.1	398.1	395.2	392.3	393.7
125°	377.7	374.8	372.0	369.1	366.2	363.2	360.4	357.5	354.4	351.5	352.2
127.5°	342.3	340.4	338.5	336.3	334.4	332.3	330.2	328.1	326.1	324.0	324.3
130°	319.1	317.4	315.6	313.8	312.0	310.1	308.2	306.4	304.5	302.5	303.0
132.5°	300.0	298.9	297.6	296.4	295.1	293.6	292.4	291.0	289.6	288.3	288.8
135°	286.9	285.8	284.8	283.6	282.4	281.1	279.9	278.6	277.4	276.0	276.7
137.5°	275.7	274.7	273.8	272.7	271.6	270.4	269.3	268.2	267.0	265.8	266.4
140°	265.5	264.6	263.6	262.7	261.7	260.8	259.7	258.6	257.6	256.5	257.3
142.5°	254.0	253.3	252.7	251.9	251.3	250.4	249.6	248.7	247.9	247.0	248.1
145°	246.5	246.0	245.4	244.8	244.1	243.4	242.7	242.0	241.2	240.7	241.7
147.5°	239.8	239.4	239.0	238.4	238.0	237.4	236.9	236.2	235.7	235.2	236.2
150°	233.9	233.5	233.2	232.6	232.1	231.6	231.1	230.5	230.0	229.5	230.6
152.5°	227.9	227.5	227.1	226.6	226.2	225.6	225.2	224.6	224.1	223.6	224.5
155°	224.0	223.6	223.2	222.7	222.3	221.8	221.3	220.8	220.3	219.8	220.6
157.5°	221.2	220.9	220.7	220.3	220.0	219.5	219.2	218.9	218.6	218.3	218.8
160°	219.7	219.4	219.1	218.8	218.4	218.1	217.8	217.3	217.0	216.7	217.2
162.5°	218.2	217.9	217.6	217.3	217.0	216.5	216.2	215.9	215.6	215.2	215.8
165°	217.6	217.4	217.2	217.0	216.8	216.6	216.4	216.2	216.0	215.8	216.2
167.5°	218.9	218.7	218.5	218.2	217.9	217.6	217.3	217.0	216.8	216.4	216.9
170°	219.1	218.9	218.9	218.8	218.6	218.5	218.4	218.2	218.0	217.9	218.3
172.5°	220.0	219.8	219.7	219.7	219.5	219.4	219.3	219.2	219.1	219.0	219.4
175°	219.7	219.5	219.5	219.4	219.3	219.3	219.2	219.1	219.1	219.0	219.2
177.5°	221.1	221.0	221.0	221.0	221.0	221.0	220.9	220.8	220.8	220.8	221.0
180°	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0
2.5°	10444.6	10443.3	10441.5	10439.4	10437.5	10435.2	10430.0	10428.5	10430.2	10431.4	10433.8
5°	10469.3	10470.1	10470.4	10475.1	10479.2	10489.5	10569.5	10601.3	10626.0	10641.6	10665.4
7.5°	10544.2	10568.2	10592.1	10624.1	10651.7	10689.1	10829.2	10888.9	10931.3	10961.7	10999.3
10°	10671.0	10723.5	10772.8	10830.5	10880.2	10937.0	11067.4	11125.6	11162.3	11189.0	11213.9
12.5°	10798.7	10871.6	10937.5	11001.7	11055.4	11104.8	11150.6	11171.0	11172.6	11173.5	11160.3
15°	10865.3	10934.9	10993.0	11035.4	11067.0	11081.0	11002.0	10960.6	10908.2	10865.1	10794.1
17.5°	10823.2	10865.1	10890.1	10887.7	10874.6	10830.9	10607.2	10484.2	10362.0	10251.8	10107.5
20°	10636.6	10633.4	10611.6	10549.8	10475.4	10359.6	9976.0	9754.7	9540.8	9352.9	9124.9
22.5°	10289.4	10234.8	10158.5	10025.3	9877.3	9675.1	9125.5	8799.8	8502.0	8238.9	7944.1
25°	9786.2	9673.8	9533.3	9321.8	9091.9	8796.9	8119.4	7714.5	7356.9	7046.7	6706.6
27.5°	9142.3	8972.9	8767.0	8474.3	8162.8	7784.9	7033.8	6587.0	6203.0	5870.5	5508.5
30°	8379.9	8159.7	7893.9	7530.5	7154.7	6726.2	5964.4	5511.8	5123.2	4781.0	4418.8
32.5°	7518.5	7260.5	6948.9	6541.2	6134.8	5694.2	4958.4	4520.3	4149.1	3820.0	3492.1
35°	6568.2	6291.6	5962.0	5546.1	5142.1	4713.8	4038.6	3643.7	3315.9	3024.9	2760.2
37.5°	5549.0	5277.4	4964.0	4572.1	4197.6	3809.3	3226.8	2895.8	2620.7	2379.3	2174.9
40°	4489.2	4251.6	3980.5	3641.6	3322.0	2998.6	2520.4	2257.7	2040.6	1856.5	1703.3
42.5°	3442.4	3258.2	3050.4	2782.6	2538.0	2291.8	1923.8	1729.1	1568.3	1435.7	1327.5
45°	2497.6	2374.4	2235.0	2048.8	1879.6	1707.8	1445.9	1309.1	1204.4	1118.9	1046.6
47.5°	1746.0	1674.5	1670.2	1498.1	1374.0	1269.0	1100.3	1013.8	949.7	897.9	852.1
50°	1226.2	1191.6	1148.6	1087.2	1029.6	970.3	867.5	815.2	777.7	746.2	717.4
52.5°	916.7	898.7	875.8	843.2	812.0	778.7	713.5	680.3	668.5	639.3	616.4
55°	732.1	721.9	708.8	689.7	670.7	663.1	607.3	582.7	567.0	555.5	543.2
57.5°	608.1	600.5	592.7	579.7	568.7	555.5	525.9	513.2	503.9	497.1	488.6
60°	518.7	514.1	509.8	502.2	496.2	489.1	470.3	463.1	458.3	454.2	448.8
62.5°	457.8	455.5	453.2	449.2	446.2	442.3	429.5	426.0	423.6	421.5	418.3
65°	413.9	412.2	411.0	408.2	406.8	404.5	393.4	391.1	389.7	388.9	386.9
67.5°	374.0	372.2	371.4	369.4	368.8	367.4	358.3	357.1	356.6	356.9	356.2
70°	336.6	335.8	336.2	335.9	336.8	337.0	331.6	331.5	332.1	333.3	333.4
72.5°	314.2	314.2	314.6	314.8	315.6	316.0	311.5	311.3	311.5	312.4	312.4
75°	292.9	293.3	294.4	294.8	295.8	296.0	290.0	289.3	289.3	290.1	289.9
77.5°	263.4	264.7	266.9	268.1	269.9	270.2	263.5	262.7	262.8	263.5	262.9
80°	230.0	232.4	235.9	238.4	241.2	242.3	235.5	233.8	232.2	232.0	230.6
82.5°	194.5	197.4	201.7	203.8	206.9	207.6	196.0	193.7	192.4	192.5	191.2
85°	148.4	150.7	154.5	155.8	157.7	157.5	144.2	138.5	140.1	137.7	139.6
87.5°	93.1	94.4	96.9	97.1	98.0	97.8	84.5	81.8	81.0	81.1	80.2
90°	65.1	67.3	70.6	72.1	74.8	75.8	66.3	66.3	64.2	63.7	61.3
92.5°	40.7	43.6	46.6	49.6	52.6	55.6	57.3	59.9	56.9	53.6	50.7
95°	48.8	53.7	58.6	63.7	68.6	73.5	78.4	83.3	78.7	74.1	69.4
97.5°	54.8	60.7	66.5	72.3	78.1	84.0	89.8	95.6	90.7	85.7	80.7
100°	72.3	83.1	93.9	104.7	115.6	126.4	137.3	148.1	138.6	129.0	119.5
102.5°	151.3	174.4	197.4	220.3	243.4	266.5	289.5	312.6	290.8	268.8	247.0
105°	294.3	331.5	368.8	406.2	443.4	480.7	518.3	555.5	520.6	485.5	450.7
107.5°	467.0	504.8	542.6	580.4	618.3	656.2	694.2	732.1	698.0	663.9	629.9
110°	574.0	601.6	629.3	656.9	684.6	712.3	740.2	767.8	747.4	727.0	706.5



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	597.3	617.3	637.1	656.8	676.5	696.3	716.5	736.3	726.2	715.9	705.8
115°	564.5	577.9	591.2	604.6	618.0	631.3	645.1	658.6	655.4	652.1	649.1
117.5°	507.4	515.0	522.6	530.1	537.5	545.1	553.1	560.8	561.5	562.2	562.8
120°	446.8	450.1	453.3	456.7	459.8	463.0	467.0	470.3	473.3	476.1	479.1
122.5°	395.0	396.3	397.6	398.9	400.2	401.5	403.5	405.1	407.1	409.2	411.3
125°	352.9	353.7	354.5	355.2	355.8	356.7	358.2	359.0	359.4	359.6	359.9
127.5°	324.4	324.8	325.0	325.3	325.5	325.8	326.9	327.4	326.4	325.4	324.4
130°	303.5	303.9	304.4	304.9	305.4	305.8	307.3	307.9	306.1	304.1	302.2
132.5°	289.4	290.0	290.5	291.1	291.6	292.2	293.8	294.6	292.5	290.2	288.0
135°	277.3	278.1	278.7	279.4	279.9	280.8	282.6	283.5	281.4	279.3	277.1
137.5°	267.0	267.8	268.5	269.1	269.7	270.5	272.5	273.5	271.8	270.1	268.5
140°	258.0	258.8	259.6	260.5	261.3	262.2	264.3	265.4	264.2	262.8	261.5
142.5°	249.0	250.1	251.2	252.2	253.3	254.4	256.9	258.2	257.4	256.4	255.6
145°	242.8	244.1	245.3	246.5	247.6	248.9	251.7	253.2	252.7	252.2	251.6
147.5°	237.2	238.3	239.4	240.5	241.6	242.9	245.6	247.1	246.8	246.6	246.2
150°	231.5	232.7	233.8	234.9	236.1	237.3	240.4	242.0	241.7	241.5	241.2
152.5°	225.5	226.5	227.5	228.6	229.6	230.7	234.2	235.8	235.6	235.3	235.1
155°	221.3	222.2	223.0	223.8	224.5	225.5	229.1	230.5	230.4	230.3	230.1
157.5°	219.3	219.9	220.4	221.1	221.7	222.4	225.9	227.3	227.2	227.0	226.9
160°	217.6	218.1	218.6	218.9	219.4	220.0	223.7	224.9	224.8	224.6	224.5
162.5°	216.4	217.1	217.6	218.1	218.8	219.3	223.1	224.5	224.3	224.1	223.9
165°	216.6	216.9	217.3	217.8	218.2	218.6	221.9	223.1	223.0	222.9	222.8
167.5°	217.2	217.7	218.1	218.4	218.9	219.3	222.4	223.6	223.5	223.4	223.3
170°	218.5	218.9	219.1	219.5	219.8	220.3	222.9	223.8	223.7	223.5	223.3
172.5°	219.7	220.2	220.5	220.9	221.2	221.7	223.9	224.8	224.6	224.5	224.3
175°	219.6	219.8	220.2	220.5	220.8	221.1	223.0	223.6	223.5	223.5	223.4
177.5°	221.3	221.4	221.6	221.9	222.1	222.3	223.5	223.9	223.9	223.9	223.8
180°	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0
2.5°	10434.4	10438.0	10438.6	10442.8	10442.5	10447.5	10446.7	10451.0	10448.5	10451.9	10449.0
5°	10679.4	10701.6	10713.2	10734.9	10741.8	10761.2	10766.7	10784.4	10785.1	10799.2	10795.9
7.5°	11025.9	11058.7	11078.1	11105.0	11118.5	11140.8	11150.6	11167.2	11172.5	11185.6	11186.7
10°	11232.7	11248.7	11259.8	11267.3	11274.1	11277.3	11281.1	11280.1	11281.1	11279.6	11282.8
12.5°	11151.4	11128.1	11112.8	11083.7	11066.8	11034.7	11018.9	10988.1	10976.8	10950.2	10946.4
15°	10739.3	10658.3	10601.1	10517.9	10465.6	10383.8	10335.9	10262.1	10228.4	10169.6	10154.2
17.5°	9988.0	9837.7	9721.4	9572.3	9468.8	9329.3	9241.7	9126.3	9063.0	8970.0	8937.8
20°	8934.8	8712.5	8538.1	8330.2	8181.5	7996.2	7877.6	7728.0	7641.1	7526.8	7480.4
22.5°	7698.3	7421.5	7203.6	6958.2	6778.7	6572.2	6430.1	6268.2	6173.7	6049.6	5994.6
25°	6423.9	6118.6	5876.4	5617.7	5428.2	5221.2	5079.1	4920.0	4822.2	4704.3	4649.7
27.5°	5205.0	4896.0	4661.9	4421.4	4247.6	4060.7	3932.6	3793.7	3706.9	3606.2	3554.9
30°	4129.4	3856.8	3657.6	3458.1	3313.4	3161.8	3055.1	2940.1	2863.9	2777.8	2728.8
32.5°	3253.0	3042.6	2886.6	2728.3	2609.9	2483.1	2391.1	2289.5	2220.7	2143.8	2099.5
35°	2576.4	2412.9	2288.5	2158.1	2056.4	1948.4	1867.3	1779.6	1718.0	1651.7	1613.5
37.5°	2035.6	1905.6	1803.3	1694.9	1611.4	1521.9	1491.8	1391.3	1327.4	1274.5	1237.9
40°	1597.6	1494.1	1409.5	1326.7	1258.5	1190.7	1136.2	1082.5	1041.2	1003.4	977.3
42.5°	1247.6	1172.6	1110.8	1050.2	1000.5	951.0	911.6	874.5	846.8	822.1	805.2
45°	991.7	940.2	897.2	854.5	819.4	786.5	759.9	736.3	718.3	703.5	693.0
47.5°	814.7	779.4	749.2	720.3	696.5	674.9	657.1	651.3	632.0	619.0	614.1
50°	692.4	671.1	648.1	626.8	610.9	595.1	583.6	572.3	565.0	559.0	557.2
52.5°	601.2	584.8	572.0	558.5	548.1	536.8	528.9	521.3	517.4	514.2	513.8
55°	533.3	521.9	513.3	504.3	498.0	491.4	487.3	483.4	481.6	480.0	480.1
57.5°	481.9	474.2	468.7	462.9	459.5	456.4	455.3	454.3	454.8	455.1	456.0
60°	444.5	439.5	436.0	432.7	431.2	430.2	431.0	431.9	433.8	435.1	436.5
62.5°	415.8	412.9	411.3	409.4	409.3	409.4	410.9	412.5	414.7	416.4	417.7
65°	386.2	384.7	384.1	383.0	383.5	383.9	385.7	386.9	389.2	390.6	392.1
67.5°	356.5	356.1	356.4	356.4	357.5	358.3	360.1	361.4	363.3	364.6	365.9
70°	334.4	334.6	335.3	335.5	336.6	337.2	338.8	339.7	341.3	342.4	344.0
72.5°	313.0	312.7	312.9	312.4	312.8	312.6	313.4	313.8	315.3	316.1	318.1
75°	290.2	289.2	289.0	287.9	288.0	287.2	287.6	287.5	288.5	288.9	290.3
77.5°	262.7	261.0	260.2	258.5	258.4	257.8	258.5	258.9	260.6	261.5	263.1
80°	229.7	227.1	225.9	224.0	224.4	224.2	225.9	227.2	229.3	229.7	231.6
82.5°	190.9	188.3	187.0	185.1	185.6	185.7	187.1	187.4	189.2	190.0	192.3
85°	136.6	137.7	135.0	135.2	134.6	135.7	136.6	138.0	139.5	142.0	143.9
87.5°	80.4	80.2	81.1	81.2	82.6	83.4	85.6	86.8	89.4	91.4	94.9
90°	60.1	57.8	57.4	55.8	56.0	54.5	54.9	53.3	53.9	53.1	54.2
92.5°	47.3	44.4	41.2	38.1	34.9	31.9	30.3	28.9	27.4	26.1	24.5
95°	64.8	60.3	55.7	51.1	46.6	41.9	40.3	38.6	36.9	35.3	33.5
97.5°	75.8	70.8	65.9	60.9	56.0	51.1	50.0	48.8	47.7	46.7	45.5
100°	110.0	100.5	91.0	81.4	71.9	62.4	61.5	60.6	59.7	58.8	57.9
102.5°	225.2	203.2	181.4	159.6	137.8	115.9	112.1	108.3	104.5	100.7	97.0
105°	415.7	380.7	345.9	310.9	275.9	241.1	230.6	220.1	209.7	199.3	189.0
107.5°	595.9	561.7	527.7	493.6	459.6	425.5	409.1	392.6	376.1	359.6	343.2
110°	686.0	665.6	645.3	624.6	604.3	584.0	568.2	552.5	536.8	521.1	505.5



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	695.5	685.3	675.1	665.0	654.8	644.7	637.0	629.3	621.8	614.0	606.4
115°	645.8	642.6	639.4	636.3	633.2	629.9	629.4	629.0	628.4	628.0	627.4
117.5°	563.4	564.2	564.9	565.7	566.4	567.1	571.2	575.4	579.5	583.7	588.0
120°	481.9	484.7	487.6	490.5	493.4	496.3	501.8	507.4	513.0	518.6	524.3
122.5°	413.3	415.3	417.4	419.5	421.6	423.7	429.2	434.8	440.3	445.8	451.6
125°	360.1	360.4	360.7	360.8	361.1	361.4	366.0	370.5	375.1	379.8	384.4
127.5°	323.5	322.4	321.3	320.4	319.3	318.4	321.1	323.9	326.6	329.5	332.2
130°	300.3	298.5	296.5	294.6	292.6	290.8	291.9	293.1	294.2	295.5	296.6
132.5°	285.7	283.4	281.1	278.9	276.5	274.4	274.4	274.5	274.7	274.8	275.1
135°	274.9	272.9	270.7	268.5	266.3	264.2	263.7	263.3	263.0	262.6	262.1
137.5°	266.8	265.1	263.3	261.7	260.0	258.3	257.7	257.0	256.3	255.7	255.1
140°	260.2	258.8	257.5	256.2	254.7	253.5	252.9	252.4	251.8	251.4	250.9
142.5°	254.5	253.5	252.5	251.7	250.7	249.7	249.2	248.6	248.1	247.7	247.1
145°	251.0	250.4	249.7	249.2	248.5	248.0	247.5	247.2	246.8	246.6	246.2
147.5°	245.9	245.5	245.2	244.8	244.4	244.1	243.8	243.6	243.3	243.2	242.9
150°	240.9	240.5	240.2	239.9	239.6	239.3	239.1	239.0	238.9	238.9	238.8
152.5°	234.8	234.4	234.1	233.9	233.5	233.2	233.1	233.1	233.0	232.9	232.9
155°	230.0	229.9	229.7	229.5	229.3	229.1	229.0	228.8	228.6	228.4	228.2
157.5°	226.8	226.6	226.4	226.3	226.1	225.9	225.7	225.6	225.4	225.3	225.1
160°	224.4	224.3	224.1	224.0	223.8	223.7	223.4	223.1	222.9	222.6	222.2
162.5°	223.6	223.2	223.0	222.8	222.5	222.3	222.1	221.9	221.7	221.6	221.4
165°	222.6	222.5	222.3	222.1	222.0	221.9	221.6	221.3	221.0	220.7	220.4
167.5°	223.1	223.0	222.8	222.7	222.5	222.4	222.2	221.9	221.6	221.4	221.0
170°	223.1	222.7	222.6	222.3	222.1	221.8	221.6	221.4	221.1	220.9	220.5
172.5°	224.2	223.9	223.7	223.5	223.3	223.1	222.9	222.7	222.5	222.3	222.0
175°	223.3	223.3	223.3	223.1	223.1	223.0	222.9	222.9	222.8	222.8	222.7
177.5°	223.8	223.8	223.8	223.7	223.7	223.7	223.5	223.4	223.2	223.0	222.9
180°	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0
2.5°	10452.0	10449.4	10450.7	10445.7	10446.9	10441.0	10440.4	10433.8	10433.2	10426.9	10424.5
5°	10805.9	10800.1	10806.6	10796.4	10798.5	10785.1	10784.0	10766.8	10760.9	10739.3	10730.0
7.5°	11194.8	11192.7	11196.7	11188.2	11187.9	11176.0	11171.1	11155.6	11146.0	11123.4	11109.0
10°	11280.1	11282.1	11278.8	11279.6	11275.0	11273.7	11269.0	11265.9	11258.2	11252.3	11243.7
12.5°	10926.3	10928.3	10914.9	10923.4	10916.7	10932.5	10931.2	10949.8	10952.6	10976.2	10985.1
15°	10108.5	10106.0	10080.0	10096.4	10087.6	10122.3	10130.0	10176.7	10201.6	10261.5	10298.2
17.5°	8873.2	8866.5	8830.1	8849.9	8839.8	8891.0	8908.1	8982.6	9029.1	9125.6	9194.3
20°	7400.7	7387.9	7345.3	7368.6	7358.1	7416.2	7440.7	7530.7	7590.7	7718.4	7809.3
22.5°	5909.9	5889.7	5847.9	5869.7	5859.8	5919.9	5951.8	6042.2	6110.9	6242.0	6348.1
25°	4571.1	4553.2	4512.8	4528.0	4524.4	4575.2	4603.5	4689.0	4756.5	4881.4	4982.7
27.5°	3486.5	3467.8	3431.3	3442.1	3438.4	3481.7	3508.4	3579.8	3638.0	3743.1	3832.0
30°	2668.5	2645.9	2614.9	2620.8	2618.4	2653.4	2678.4	2738.5	2788.3	2877.2	2953.8
32.5°	2045.4	2022.7	1994.2	1997.0	1993.2	2020.8	2041.4	2093.6	2137.0	2212.6	2279.3
35°	1565.0	1591.5	1530.8	1569.2	1529.2	1588.0	1566.8	1599.5	1636.9	1700.5	1756.1
37.5°	1203.1	1184.6	1169.0	1167.3	1167.2	1180.9	1197.0	1228.4	1261.3	1308.8	1357.8
40°	953.4	940.4	930.3	929.6	930.3	940.0	951.9	973.6	997.7	1031.8	1067.8
42.5°	790.7	782.2	776.0	775.6	777.6	784.4	792.7	805.6	821.3	843.4	868.0
45°	684.4	679.6	676.2	676.0	676.9	680.5	685.2	693.3	703.2	717.0	732.7
47.5°	609.8	608.6	606.5	606.6	605.6	607.0	607.6	612.2	617.4	627.8	648.2
50°	555.5	555.5	554.0	553.9	552.5	552.4	551.3	553.0	555.5	562.0	568.4
52.5°	512.5	512.4	510.8	510.5	509.0	508.9	507.9	508.6	508.9	512.2	516.1
55°	479.0	477.9	475.8	475.1	474.6	475.4	475.0	475.1	474.6	476.0	477.2
57.5°	454.8	453.5	451.6	451.0	450.9	451.8	451.8	451.6	449.7	448.5	446.7
60°	435.7	434.5	432.3	431.8	432.1	433.5	433.4	432.3	429.6	427.2	424.4
62.5°	417.1	416.5	415.4	415.3	415.0	415.2	414.3	413.0	410.4	407.8	404.9
65°	391.9	392.2	391.4	391.5	390.6	390.4	388.9	387.7	385.1	382.8	379.7
67.5°	365.9	366.1	365.4	365.4	364.9	365.0	364.0	363.0	360.7	358.8	356.5
70°	344.4	344.9	344.5	344.6	344.0	343.8	342.4	341.3	339.0	337.4	335.3
72.5°	318.7	319.7	319.7	320.0	319.0	318.7	317.0	315.6	313.4	312.3	310.6
75°	290.9	292.3	292.7	293.4	292.1	291.4	289.6	288.5	286.8	286.0	285.0
77.5°	263.7	265.4	267.0	268.5	266.3	264.4	262.2	260.4	257.9	257.0	255.2
80°	233.3	236.2	239.7	242.6	238.8	235.0	231.2	228.5	225.1	223.8	221.6
82.5°	193.5	196.6	198.5	200.4	197.7	195.0	191.3	188.9	185.4	184.0	181.5
85°	147.0	150.8	152.0	152.9	151.3	149.8	146.4	141.7	139.6	136.0	134.2
87.5°	96.7	98.9	99.4	99.7	98.6	97.9	95.8	93.6	89.8	86.9	83.6
90°	53.0	53.5	51.6	51.2	50.8	51.9	50.7	50.9	48.6	48.4	46.6
92.5°	23.1	21.6	20.1	18.7	20.3	21.6	23.2	24.5	26.0	27.4	28.9
95°	31.8	30.2	28.5	26.8	28.2	29.5	30.8	32.2	33.5	34.9	36.2
97.5°	44.4	43.3	42.1	41.1	41.8	42.6	43.4	44.2	44.9	45.7	46.6
100°	57.0	56.1	55.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
102.5°	93.1	89.3	85.6	81.7	84.3	86.8	89.4	91.9	94.6	97.1	99.8
105°	178.6	168.2	157.8	147.3	157.4	167.5	177.5	187.6	197.6	207.9	217.9
107.5°	326.7	310.3	293.8	277.4	295.8	314.1	332.4	350.8	369.1	387.5	405.9
110°	489.8	474.1	458.4	442.8	462.3	481.7	501.2	520.6	540.2	559.6	579.2



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	598.7	591.1	583.5	575.9	588.5	601.0	613.5	626.1	638.7	651.3	663.8
115°	627.0	626.5	626.1	625.6	631.5	637.5	643.4	649.3	655.4	661.3	667.3
117.5°	592.1	596.3	600.7	604.9	606.8	608.7	610.6	612.5	614.5	616.4	618.3
120°	529.9	535.5	541.2	546.9	546.1	545.4	544.6	543.8	543.3	542.5	541.9
122.5°	457.2	462.8	468.4	474.1	472.5	470.8	469.1	467.5	465.9	464.2	462.8
125°	389.2	393.9	398.6	403.4	401.8	400.1	398.4	396.8	395.3	393.7	392.2
127.5°	335.2	338.2	341.0	344.0	343.2	342.4	341.7	341.0	340.5	339.8	339.2
130°	298.0	299.3	300.7	302.1	302.2	302.4	302.8	303.1	303.5	303.8	304.3
132.5°	275.4	275.7	276.0	276.4	277.3	278.2	279.2	280.1	281.3	282.3	283.5
135°	261.9	261.6	261.4	261.2	262.6	263.8	265.2	266.7	268.2	269.7	271.4
137.5°	254.5	254.0	253.5	253.1	254.5	255.8	257.3	258.6	260.1	261.7	263.3
140°	250.5	250.0	249.8	249.4	250.8	252.1	253.4	254.9	256.4	257.9	259.5
142.5°	246.7	246.4	246.0	245.7	246.9	248.1	249.5	250.7	252.2	253.4	254.9
145°	245.9	245.6	245.4	245.2	246.0	246.8	247.8	248.8	249.9	250.9	252.0
147.5°	242.8	242.6	242.5	242.4	243.1	243.8	244.5	245.2	245.9	246.7	247.5
150°	238.9	238.8	238.7	238.8	239.2	239.6	240.1	240.5	241.1	241.4	242.1
152.5°	232.9	232.8	232.9	232.9	233.3	233.7	234.2	234.5	235.1	235.5	236.0
155°	228.2	228.0	227.9	227.8	227.9	228.2	228.4	228.5	228.8	229.0	229.2
157.5°	225.0	224.8	224.8	224.6	224.6	224.6	224.7	224.7	224.9	224.9	225.0
160°	222.1	221.8	221.5	221.3	221.4	221.5	221.8	221.8	222.0	222.1	222.3
162.5°	221.3	221.1	221.0	220.8	220.8	220.6	220.5	220.4	220.3	220.2	220.2
165°	220.2	219.8	219.6	219.3	219.3	219.3	219.4	219.4	219.4	219.4	219.5
167.5°	220.8	220.5	220.3	220.0	219.9	219.6	219.5	219.2	219.0	218.9	218.8
170°	220.3	220.1	219.9	219.7	219.6	219.5	219.5	219.3	219.3	219.3	219.3
172.5°	221.8	221.6	221.4	221.2	221.1	221.1	221.0	221.0	220.9	220.9	220.9
175°	222.6	222.6	222.5	222.4	222.3	222.2	222.0	221.9	221.8	221.6	221.4
177.5°	222.8	222.5	222.4	222.3	222.3	222.3	222.3	222.3	222.3	222.2	222.2
180°	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0
2.5°	10417.8	10415.0	10407.7	10404.2	10397.5	10394.2	10389.0	10385.6	10381.4	10378.3	10376.7
5°	10706.3	10693.1	10666.4	10650.0	10621.1	10602.1	10573.4	10552.5	10523.0	10501.1	10473.2
7.5°	11081.9	11061.4	11027.3	11001.3	10961.0	10930.2	10884.9	10848.7	10798.7	10757.2	10706.1
10°	11234.8	11222.8	11207.5	11190.8	11168.5	11146.6	11115.7	11084.2	11042.2	11000.4	10945.9
12.5°	11008.8	11020.1	11042.2	11052.5	11069.5	11075.2	11082.9	11079.3	11072.5	11055.4	11030.7
15°	10368.8	10415.7	10489.9	10541.0	10612.8	10663.3	10730.0	10772.9	10822.4	10852.0	10880.1
17.5°	9316.1	9406.8	9537.5	9641.8	9781.8	9895.7	10035.2	10144.8	10271.3	10368.3	10471.7
20°	7967.7	8094.7	8275.1	8428.4	8631.3	8803.4	9023.8	9208.5	9423.8	9603.3	9797.1
22.5°	6516.4	6665.7	6872.6	7057.5	7299.7	7516.1	7792.3	8036.5	8327.7	8588.6	8877.0
25°	5147.3	5293.7	5504.4	5695.7	5957.3	6195.7	6497.5	6777.5	7115.4	7430.5	7792.3
27.5°	3973.2	4103.3	4288.4	4460.7	4700.3	4934.4	5240.6	5539.2	5899.8	6238.5	6628.3
30°	3068.4	3173.9	3322.4	3461.0	3653.3	3844.6	4117.4	4393.6	4752.4	5103.3	5503.0
32.5°	2378.0	2467.9	2591.7	2704.3	2852.4	2996.8	3197.6	3418.3	3733.1	4069.2	4455.7
35°	1840.8	1917.7	2023.2	2120.1	2242.0	2356.5	2506.4	2663.9	2904.1	3186.9	3532.8
37.5°	1467.6	1499.0	1574.2	1653.6	1754.8	1848.9	1966.2	2082.7	2254.5	2477.6	2760.2
40°	1116.1	1165.9	1227.2	1289.7	1366.3	1441.9	1570.5	1632.4	1745.5	1905.7	2125.0
42.5°	900.6	935.5	978.6	1022.2	1075.6	1128.1	1193.2	1259.5	1344.1	1452.5	1608.5
45°	753.6	776.4	804.2	833.2	868.2	904.2	947.7	993.2	1050.5	1117.2	1211.9
47.5°	655.4	668.0	686.2	706.0	730.0	754.9	783.2	812.1	847.8	887.3	941.3
50°	578.8	589.3	603.4	616.7	633.3	658.7	669.9	685.9	707.3	730.6	760.8
52.5°	523.4	530.3	539.2	546.8	557.2	566.8	579.3	590.3	605.2	619.1	638.7
55°	480.1	482.7	487.7	492.6	499.9	506.4	514.9	522.2	531.6	540.0	552.2
57.5°	446.8	447.0	449.4	451.9	456.6	460.7	466.6	471.3	477.9	483.2	490.5
60°	422.9	421.6	422.1	423.0	425.5	428.2	432.0	435.1	439.2	442.2	446.3
62.5°	402.9	400.9	400.5	400.2	401.6	402.4	404.5	406.0	408.3	409.7	411.9
65°	377.7	375.3	374.4	373.4	373.8	373.5	374.1	374.2	375.4	375.7	377.0
67.5°	354.9	352.9	351.7	350.2	349.6	348.5	348.0	347.0	346.9	346.1	345.9
70°	334.0	332.1	331.1	329.8	329.1	327.7	326.8	325.1	324.1	322.5	321.6
72.5°	309.9	308.8	308.5	307.6	307.4	306.6	306.3	305.0	304.3	303.0	302.2
75°	284.7	283.8	283.8	282.8	282.7	281.8	281.6	280.3	279.7	278.3	277.7
77.5°	254.7	253.3	252.9	251.9	252.2	251.8	252.1	251.2	250.7	249.4	248.9
80°	220.9	219.1	218.5	217.1	217.5	216.8	217.5	217.4	217.9	216.8	216.6
82.5°	180.8	179.0	178.6	177.6	178.3	178.4	179.8	179.0	179.4	178.3	178.8
85°	131.6	130.2	128.3	128.0	126.7	128.0	126.4	127.5	125.6	126.9	125.2
87.5°	81.5	78.7	77.2	75.1	74.4	72.4	71.6	70.2	70.6	69.9	70.3
90°	46.9	45.3	46.4	45.9	47.3	47.1	48.8	49.1	51.2	51.4	53.4
92.5°	30.3	31.7	34.4	37.2	39.8	42.4	45.2	47.9	50.5	53.3	55.9
95°	37.5	38.9	42.4	46.1	49.6	53.2	56.9	60.5	64.0	67.7	71.2
97.5°	47.3	48.1	51.7	55.3	58.8	62.5	66.0	69.7	73.3	76.9	80.4
100°	54.3	54.4	64.6	74.8	85.0	95.2	105.3	115.5	125.8	135.9	146.2
102.5°	102.4	104.9	130.6	156.4	182.1	207.9	233.7	259.4	285.2	311.0	336.7
105°	228.0	238.0	277.3	316.7	355.9	395.2	434.5	473.9	513.0	552.4	591.7
107.5°	424.2	442.6	478.2	513.6	549.1	584.7	620.2	655.7	691.2	726.7	762.3
110°	598.6	618.0	641.8	665.6	689.4	713.2	736.9	760.8	784.5	808.4	832.3



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	676.3	689.0	702.7	716.6	730.4	744.3	758.1	772.0	785.9	799.8	813.7
115°	673.3	679.2	684.5	690.0	695.4	700.7	706.2	711.6	717.1	722.4	727.9
117.5°	620.4	622.4	623.2	624.0	624.8	625.7	626.5	627.4	628.3	629.2	630.0
120°	541.1	540.4	539.6	538.6	537.7	536.7	535.8	534.9	534.1	533.2	532.4
122.5°	461.2	459.7	458.7	457.8	457.0	456.2	455.3	454.5	453.7	452.8	452.0
125°	390.8	389.3	390.0	390.7	391.4	392.1	392.9	393.7	394.5	395.2	396.1
127.5°	338.6	338.1	340.0	342.0	344.0	346.0	348.0	350.1	352.0	354.1	356.1
130°	304.8	305.2	307.7	310.4	312.9	315.5	318.2	320.8	323.3	325.9	328.6
132.5°	284.6	285.8	288.2	290.7	293.2	295.8	298.2	300.8	303.2	305.8	308.2
135°	272.9	274.5	276.8	279.1	281.3	283.6	285.9	288.2	290.4	292.8	295.0
137.5°	264.8	266.5	268.4	270.1	271.9	273.9	275.5	277.4	279.2	281.0	282.8
140°	261.0	262.8	263.6	264.7	265.6	266.7	267.7	268.8	269.5	270.6	271.6
142.5°	256.3	257.8	258.3	259.1	259.6	260.4	261.0	261.7	262.2	262.9	263.4
145°	252.9	254.1	254.1	254.1	254.1	254.2	254.1	254.2	254.1	254.1	254.1
147.5°	248.3	249.2	249.0	248.9	248.8	248.5	248.4	248.2	248.0	247.8	247.7
150°	242.5	243.2	242.8	242.6	242.2	241.9	241.5	241.2	240.9	240.7	240.3
152.5°	236.4	237.0	236.5	236.2	235.8	235.6	235.1	234.8	234.4	234.0	233.7
155°	229.5	229.7	229.5	229.3	229.1	228.9	228.6	228.5	228.4	228.1	228.0
157.5°	225.0	225.1	225.0	224.9	224.7	224.7	224.5	224.5	224.5	224.5	224.5
160°	222.4	222.6	222.4	222.3	222.2	222.1	221.9	221.9	221.9	221.9	221.9
162.5°	220.1	220.0	219.9	219.8	219.7	219.6	219.5	219.5	219.4	219.4	219.4
165°	219.6	219.7	219.4	219.2	219.0	218.9	218.7	218.6	218.5	218.3	218.2
167.5°	218.6	218.5	218.5	218.6	218.6	218.6	218.7	218.8	218.9	218.9	219.0
170°	219.2	219.3	219.1	219.1	218.9	218.9	218.8	218.8	218.7	218.6	218.6
172.5°	220.9	220.9	220.7	220.4	220.2	220.0	219.7	219.6	219.4	219.1	218.9
175°	221.3	221.2	221.1	221.0	220.9	220.7	220.5	220.4	220.3	220.2	220.1
177.5°	222.2	222.1	222.0	222.0	222.0	222.0	222.0	221.9	221.9	221.9	221.8
180°	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0
2.5°	10374.6	10374.4	10373.5	10373.9	10374.1	10374.8	10375.7	10376.7	10376.9	10377.6	10377.8
5°	10452.2	10426.6	10407.5	10386.7	10371.0	10356.8	10347.4	10340.0	10337.1	10337.8	10339.6
7.5°	10662.7	10609.8	10566.1	10516.4	10474.9	10431.0	10394.7	10360.1	10334.8	10316.1	10305.6
10°	10893.8	10829.2	10767.5	10695.6	10627.4	10554.6	10488.6	10422.2	10366.9	10318.7	10283.5
12.5°	10996.3	10950.7	10897.3	10829.4	10756.4	10672.5	10587.6	10496.6	10412.1	10333.6	10270.2
15°	10887.8	10887.9	10868.4	10835.8	10785.1	10718.0	10637.1	10542.3	10442.5	10340.7	10247.7
17.5°	10543.2	10608.2	10644.4	10667.2	10660.2	10635.5	10584.1	10511.3	10418.2	10309.7	10196.1
20°	9951.5	10104.8	10214.1	10312.5	10367.6	10404.2	10400.5	10370.8	10304.6	10212.4	10094.1
22.5°	9122.5	9379.9	9582.9	9772.4	9905.2	10013.2	10064.6	10086.3	10056.4	9992.1	9881.1
25°	8115.7	8465.6	8764.3	9054.1	9271.4	9458.4	9570.6	9649.7	9656.0	9622.4	9523.4
27.5°	6996.9	7409.9	7787.9	8173.1	8478.8	8747.5	8923.7	9052.7	9093.6	9088.2	8998.3
30°	5879.5	6313.2	6729.8	7179.0	7557.3	7900.5	8133.3	8307.7	8374.9	8387.8	8301.3
32.5°	4824.3	5251.9	5667.4	6137.0	6553.3	6946.6	7221.6	7428.9	7507.1	7525.4	7430.5
35°	3866.6	4261.1	4656.0	5111.1	5525.0	5932.3	6222.0	6439.0	6512.0	6524.4	6414.5
37.5°	3036.1	3372.3	3716.3	4124.7	4504.7	4887.2	5162.7	5366.5	5419.7	5416.4	5292.1
40°	2336.8	2598.1	2874.6	3210.8	3526.9	3850.1	4082.6	4251.2	4279.2	4258.5	4127.9
42.5°	1757.2	1945.9	2146.4	2397.3	2631.8	2873.8	3042.9	3168.0	3172.1	3139.4	3022.1
45°	1309.1	1493.3	1577.2	1729.0	1880.1	2041.0	2144.2	2221.5	2209.6	2180.8	2091.7
47.5°	998.0	1068.7	1143.8	1237.9	1325.9	1508.5	1494.9	1619.0	1529.6	1590.6	1456.4
50°	792.5	832.0	872.5	922.5	968.3	1016.1	1045.9	1068.2	1065.3	1055.8	1030.0
52.5°	674.2	686.4	706.4	734.7	760.4	786.2	803.2	817.1	817.3	813.4	800.5
55°	563.5	579.1	593.3	611.9	643.5	648.4	672.7	667.8	669.7	662.9	669.8
57.5°	496.8	505.9	513.9	524.9	534.1	544.8	551.1	557.1	556.6	555.2	548.6
60°	449.6	454.6	459.0	465.5	470.5	476.5	479.5	482.5	481.5	479.3	473.4
62.5°	413.1	416.3	418.8	423.0	426.0	429.7	431.3	432.6	431.3	429.2	424.0
65°	377.2	379.3	380.8	384.0	386.1	389.4	390.7	391.8	390.7	389.0	385.1
67.5°	344.8	345.0	344.9	346.2	346.7	348.7	349.3	350.2	348.8	347.3	344.0
70°	320.2	319.7	319.1	319.6	319.7	320.7	320.8	320.7	319.0	316.5	312.9
72.5°	301.1	300.8	300.3	300.7	300.7	301.6	301.3	300.9	298.8	296.5	292.8
75°	276.3	276.1	275.2	275.2	274.4	274.7	273.8	273.2	270.9	268.8	265.6
77.5°	247.4	246.9	245.6	245.1	243.6	243.0	241.1	240.2	237.9	236.2	233.5
80°	215.1	214.6	213.0	212.0	209.6	208.1	205.4	203.8	201.2	199.6	196.8
82.5°	177.9	178.1	176.3	175.1	171.8	169.2	165.5	163.5	160.6	159.0	156.3
85°	126.5	124.7	125.6	125.5	123.5	121.3	118.3	116.1	113.6	112.2	110.2
87.5°	69.3	69.8	69.3	68.9	67.4	66.3	63.9	62.7	60.9	60.0	58.5
90°	50.0	48.2	44.8	43.1	39.8	37.4	33.8	31.6	28.2	27.3	25.3
92.5°	52.8	49.9	47.0	43.8	41.0	37.9	34.9	31.9	28.9	27.8	26.8
95°	66.9	62.5	58.2	53.7	49.4	45.0	40.7	36.2	31.9	31.0	30.2
97.5°	75.3	70.1	65.0	59.9	54.7	49.6	44.6	39.4	34.3	33.7	33.2
100°	134.3	122.5	110.7	98.8	86.9	75.0	63.4	51.5	39.6	38.9	38.2
102.5°	307.9	279.4	250.6	221.8	193.2	164.4	135.7	107.0	78.3	74.2	70.0
105°	548.3	504.8	461.4	418.0	374.4	330.9	287.5	244.0	200.6	186.6	172.6
107.5°	721.4	680.5	639.8	598.9	557.9	517.1	476.3	435.3	394.4	369.8	345.3
110°	799.8	767.3	734.9	702.5	670.0	637.6	605.1	572.6	540.2	518.9	497.8



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	789.9	766.1	742.3	718.4	694.8	670.8	647.0	623.3	599.4	586.5	573.7
115°	713.5	699.2	684.8	670.4	656.1	641.6	627.3	612.8	598.4	591.5	584.8
117.5°	622.8	615.3	607.9	600.5	593.1	585.6	578.3	570.7	563.3	561.0	558.5
120°	530.1	527.8	525.3	523.1	520.7	518.3	515.9	513.5	511.2	511.4	511.6
122.5°	452.8	453.5	454.3	454.9	455.7	456.3	457.1	457.6	458.3	460.0	461.8
125°	398.0	400.0	401.9	403.9	405.8	407.7	409.7	411.6	413.5	415.2	417.0
127.5°	358.3	360.6	362.9	365.0	367.3	369.5	371.7	373.9	376.0	377.5	379.2
130°	330.5	332.4	334.3	336.1	338.1	340.0	341.8	343.7	345.6	346.7	347.8
132.5°	309.9	311.6	313.3	314.9	316.6	318.3	320.0	321.6	323.4	324.2	324.9
135°	296.3	297.3	298.6	299.8	301.2	302.2	303.5	304.8	306.0	306.5	307.0
137.5°	283.9	284.8	285.7	286.7	287.7	288.7	289.7	290.7	291.7	291.8	292.1
140°	272.7	273.8	274.7	275.8	276.9	278.0	279.2	280.2	281.4	281.6	281.8
142.5°	264.2	264.9	265.8	266.6	267.5	268.3	269.1	270.0	270.9	271.1	271.3
145°	255.1	256.1	257.1	258.0	259.1	260.1	261.3	262.4	263.5	263.5	263.5
147.5°	248.5	249.4	250.3	251.2	252.1	252.9	253.9	254.9	256.0	256.0	256.0
150°	241.2	242.1	243.0	244.0	245.0	246.1	247.0	248.1	249.3	249.5	249.7
152.5°	234.7	235.6	236.6	237.7	238.9	240.1	241.2	242.3	243.5	243.7	244.0
155°	229.0	230.0	231.0	232.1	233.3	234.4	235.6	236.6	237.8	238.1	238.4
157.5°	225.3	226.2	227.2	228.2	229.2	230.1	231.2	232.2	233.2	233.5	233.7
160°	222.8	223.6	224.4	225.2	226.1	227.0	227.8	228.7	229.6	229.9	230.0
162.5°	220.3	221.2	222.0	222.8	223.7	224.5	225.3	226.2	227.1	227.3	227.6
165°	218.9	219.3	220.0	220.5	221.2	221.8	222.5	223.0	223.8	224.0	224.3
167.5°	219.5	219.9	220.4	220.9	221.4	221.9	222.4	222.9	223.4	223.7	223.9
170°	218.9	219.4	219.7	220.3	220.7	221.2	221.6	222.1	222.6	222.8	223.1
172.5°	219.2	219.5	219.8	220.1	220.4	220.7	221.0	221.4	221.7	222.0	222.2
175°	220.2	220.3	220.5	220.6	220.8	221.0	221.1	221.3	221.5	221.7	222.0
177.5°	221.9	222.0	222.2	222.3	222.5	222.6	222.9	223.0	223.1	223.4	223.8
180°	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0
2.5°	10377.4	10377.3	10377.0	10376.5	10376.0	10376.3	10376.8	10378.0	10380.0	10383.1	10387.0
5°	10340.9	10343.1	10344.3	10344.5	10343.4	10342.7	10343.7	10346.5	10352.3	10362.0	10375.0
7.5°	10302.8	10305.4	10309.4	10312.5	10313.0	10312.3	10312.5	10316.9	10327.5	10346.3	10372.7
10°	10262.0	10254.2	10258.3	10265.8	10271.8	10272.9	10273.6	10278.9	10294.4	10322.8	10365.1
12.5°	10224.3	10199.8	10195.1	10201.7	10210.8	10213.7	10212.9	10215.2	10233.4	10270.9	10329.9
15°	10174.7	10128.6	10112.9	10114.5	10125.7	10129.7	10126.8	10122.3	10140.1	10185.9	10262.3
17.5°	10094.6	10020.1	9991.1	9989.9	10002.8	10006.4	9999.2	9985.3	10002.7	10060.0	10154.8
20°	9972.7	9862.8	9808.1	9799.4	9813.6	9809.4	9795.2	9774.2	9797.0	9866.7	9979.5
22.5°	9753.5	9614.2	9520.9	9490.8	9507.8	9496.5	9475.5	9448.7	9479.2	9558.3	9683.9
25°	9395.5	9234.5	9106.7	9035.0	9048.6	9028.2	9005.5	8973.0	9009.4	9100.1	9238.3
27.5°	8869.1	8683.2	8524.8	8406.1	8410.5	8383.9	8357.8	8315.8	8361.1	8468.5	8624.4
30°	8169.2	7954.1	7761.2	7599.9	7585.4	7559.7	7532.9	7477.8	7534.5	7663.1	7845.3
32.5°	7290.3	7051.4	6828.5	6624.6	6586.2	6561.0	6537.2	6473.6	6547.9	6697.9	6907.2
35°	6262.3	6007.9	5766.3	5533.4	5469.6	5444.5	5423.7	5362.7	5455.5	5618.7	5844.8
37.5°	5134.1	4874.2	4634.3	4395.4	4305.3	4271.2	4256.1	4216.2	4323.2	4484.6	4711.6
40°	3975.8	3734.1	3519.0	3308.1	3205.4	3153.2	3145.4	3138.1	3241.4	3381.5	3587.6
42.5°	2892.2	2697.2	2531.4	2370.1	2277.1	2205.9	2205.9	2227.5	2320.5	2425.4	2584.4
45°	2000.6	1869.8	1764.2	1656.4	1685.2	1543.3	1626.7	1583.8	1629.8	1697.5	1800.8
47.5°	1375.3	1303.8	1245.8	1185.6	1141.7	1099.8	1103.5	1130.5	1173.8	1213.9	1267.7
50°	1002.3	966.0	936.4	905.2	883.3	864.8	865.9	877.6	900.4	921.5	949.6
52.5°	785.4	765.3	749.3	732.0	720.5	711.4	711.9	717.6	729.8	741.9	758.0
55°	647.3	645.0	624.0	608.5	602.6	596.4	597.6	599.8	608.2	615.2	625.9
57.5°	542.5	533.1	526.8	518.6	514.9	510.6	511.6	512.5	518.1	522.8	530.4
60°	468.4	461.8	457.3	451.7	449.3	446.5	447.2	447.7	451.3	454.4	459.9
62.5°	419.2	413.2	409.4	405.1	403.4	401.6	401.9	402.1	404.4	406.7	410.8
65°	381.5	376.8	373.6	369.8	368.1	366.1	366.3	366.3	368.3	369.8	373.0
67.5°	341.5	338.0	335.9	333.0	331.8	329.8	329.8	329.2	330.4	331.0	333.2
70°	309.5	306.0	303.3	300.5	298.9	297.2	297.2	297.2	298.7	300.2	302.9
72.5°	289.8	286.3	284.0	281.5	280.0	278.6	278.3	278.2	279.2	279.9	281.8
75°	263.5	260.8	259.4	257.2	256.0	254.3	254.0	253.2	253.7	253.9	255.3
77.5°	231.7	229.2	228.1	225.7	224.7	222.9	222.7	221.8	222.2	222.0	223.0
80°	195.6	193.2	192.5	190.7	190.2	188.4	188.1	187.1	187.4	186.6	187.0
82.5°	155.1	152.9	152.4	150.7	150.7	149.1	149.0	147.4	147.4	146.1	143.9
85°	109.2	107.7	107.0	105.5	105.1	103.8	103.1	101.7	101.2	100.2	99.9
87.5°	57.7	56.7	55.8	55.1	53.8	51.5	51.3	49.7	49.9	48.7	48.8
90°	24.6	22.8	22.0	20.2	19.4	18.1	17.4	17.9	18.6	19.2	19.8
92.5°	25.8	24.9	23.8	22.8	21.8	20.7	19.7	20.7	21.8	22.8	23.8
95°	29.3	28.4	27.4	26.5	25.6	24.8	23.9	24.8	25.6	26.6	27.5
97.5°	32.6	32.0	31.5	30.9	30.4	29.9	29.3	29.9	30.4	30.9	31.5
100°	37.6	36.9	36.2	35.6	35.0	34.3	33.6	34.4	35.1	35.7	36.3
102.5°	65.8	61.7	57.6	53.4	49.2	45.1	41.0	45.1	49.2	53.5	57.7
105°	158.6	144.7	130.6	116.7	102.7	88.7	74.8	88.8	102.8	116.8	130.7
107.5°	320.6	296.2	271.5	246.9	222.3	197.7	173.1	197.8	222.4	247.0	271.6
110°	476.6	455.3	434.1	412.9	391.6	370.3	349.1	370.3	391.6	412.9	434.2



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	560.7	547.8	534.8	521.9	508.9	496.1	483.1	496.1	509.0	522.1	534.9
115°	577.9	571.0	564.2	557.3	550.4	543.6	536.6	543.7	550.6	557.5	564.5
117.5°	556.0	553.5	551.2	548.7	546.1	543.7	541.1	543.8	546.3	549.0	551.5
120°	511.7	511.9	512.1	512.2	512.4	512.5	512.6	512.6	512.6	512.6	512.6
122.5°	463.3	465.0	466.6	468.3	469.8	471.5	473.0	471.6	470.1	468.8	467.3
125°	418.6	420.5	422.1	423.8	425.3	427.1	428.6	427.3	425.8	424.3	422.8
127.5°	380.5	382.1	383.5	385.2	386.4	387.9	389.2	388.1	386.8	385.6	384.4
130°	348.9	350.1	351.0	352.1	353.1	354.1	355.0	354.3	353.5	352.8	351.9
132.5°	325.7	326.5	327.3	328.0	328.7	329.4	329.9	329.6	329.2	328.7	328.2
135°	307.5	307.8	308.4	308.8	309.2	309.5	309.7	309.8	309.7	309.6	309.4
137.5°	292.2	292.4	292.5	292.6	292.6	292.6	292.6	292.9	293.1	293.5	293.6
140°	281.8	282.1	282.2	282.3	282.4	282.4	282.3	282.7	282.9	283.2	283.3
142.5°	271.4	271.6	271.8	271.9	271.9	271.9	271.9	272.2	272.4	272.7	272.8
145°	263.6	263.6	263.6	263.6	263.5	263.3	263.2	263.6	264.0	264.3	264.7
147.5°	256.0	256.0	256.0	255.9	255.8	255.7	255.5	255.9	256.3	256.6	257.0
150°	249.9	250.1	250.3	250.5	250.5	250.6	250.6	250.8	251.0	251.2	251.3
152.5°	244.1	244.3	244.4	244.5	244.7	244.7	244.7	245.0	245.2	245.4	245.5
155°	238.6	238.9	239.1	239.3	239.5	239.7	239.9	240.0	240.1	240.2	240.3
157.5°	233.9	234.2	234.4	234.6	234.8	235.0	235.2	235.4	235.5	235.6	235.6
160°	230.2	230.5	230.6	230.9	231.1	231.3	231.4	231.6	231.8	231.9	232.0
162.5°	227.8	228.0	228.1	228.4	228.5	228.7	228.9	229.1	229.3	229.4	229.5
165°	224.5	224.8	225.2	225.5	225.8	226.1	226.3	226.4	226.4	226.5	226.5
167.5°	224.2	224.5	224.7	225.0	225.2	225.5	225.7	225.8	225.8	225.8	225.9
170°	223.3	223.5	223.9	224.1	224.4	224.5	224.7	224.7	224.7	224.8	224.8
172.5°	222.6	223.0	223.3	223.6	224.0	224.3	224.5	224.5	224.4	224.2	224.0
175°	222.3	222.6	222.9	223.2	223.4	223.8	224.1	223.9	223.8	223.6	223.5
177.5°	224.2	224.5	224.9	225.2	225.5	225.9	226.3	226.0	225.6	225.4	225.1
180°	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0
2.5°	10392.5	10397.7	10405.7	10412.9	10423.7	10432.3	10445.2	10454.9	10469.4	10478.8	10494.7
5°	10393.5	10413.8	10440.5	10466.7	10498.0	10526.5	10561.9	10592.0	10627.6	10656.5	10693.0
7.5°	10408.1	10447.4	10494.4	10541.7	10595.2	10645.3	10701.8	10752.9	10808.7	10856.0	10907.6
10°	10419.0	10479.4	10548.7	10618.4	10691.8	10760.0	10828.7	10888.2	10943.8	10989.5	11029.9
12.5°	10404.3	10487.6	10576.5	10662.3	10743.9	10814.4	10873.6	10919.3	10950.9	10972.3	10977.4
15°	10354.3	10454.6	10551.2	10636.7	10704.4	10756.5	10783.6	10796.2	10782.7	10760.1	10710.6
17.5°	10261.0	10366.7	10453.1	10520.5	10556.3	10570.5	10548.1	10509.1	10433.1	10348.6	10226.6
20°	10089.9	10188.4	10251.1	10287.8	10278.3	10242.8	10158.3	10055.6	9903.7	9741.7	9528.1
22.5°	9789.7	9875.8	9909.2	9911.9	9853.5	9764.9	9612.5	9436.4	9196.7	8947.5	8641.1
25°	9339.1	9414.5	9419.9	9390.2	9283.3	9139.7	8915.9	8666.6	8341.0	8009.0	7625.0
27.5°	8728.0	8800.3	8782.7	8727.3	8579.0	8386.9	8100.4	7778.4	7376.8	6984.7	6560.0
30°	7959.8	8037.2	8016.4	7945.5	7769.0	7541.9	7204.8	6830.7	6384.9	5966.1	5535.6
32.5°	7040.6	7138.3	7124.0	7056.6	6872.5	6629.5	6263.6	5866.9	5410.8	4998.0	4579.3
35°	5995.6	6114.4	6120.6	6076.5	5905.6	5665.4	5304.1	4920.1	4483.2	4093.8	3707.0
37.5°	4869.9	5007.7	5035.8	5024.0	4882.3	4670.3	4341.2	3996.6	3609.7	3268.3	2937.5
40°	3738.0	3877.3	3925.7	3940.0	3835.5	3671.3	3401.1	3123.1	2807.5	2531.0	2268.3
42.5°	2705.7	2829.2	2875.9	2905.3	2840.1	2730.5	2533.5	2331.5	2100.4	1901.0	1709.8
45°	1879.1	1966.5	2002.1	2031.6	1996.1	1934.3	1809.8	1683.6	1531.0	1400.6	1277.3
47.5°	1313.8	1362.0	1385.5	1399.8	1386.1	1353.8	1286.1	1212.9	1126.8	1050.6	977.4
50°	973.8	999.5	1011.7	1020.0	1010.0	992.1	955.5	915.6	868.3	825.2	783.0
52.5°	771.7	786.4	793.7	798.2	792.4	781.5	760.2	736.5	708.1	681.5	667.5
55°	650.2	649.4	666.2	658.1	666.2	648.0	644.3	618.2	594.7	578.2	560.2
57.5°	536.1	543.8	547.0	550.7	548.3	545.0	535.9	526.6	514.2	503.8	492.7
60°	464.1	470.4	473.9	477.5	477.3	476.0	470.8	465.2	457.5	451.3	444.6
62.5°	414.5	419.9	423.5	426.9	427.2	426.7	422.7	418.8	413.5	409.6	405.0
65°	375.4	379.3	381.6	384.4	384.3	383.5	379.9	376.7	372.4	369.6	366.2
67.5°	334.6	337.4	339.3	341.9	342.4	342.5	340.6	339.1	336.9	336.1	335.1
70°	305.5	309.0	312.0	315.3	317.1	317.9	317.1	316.3	315.0	314.5	313.6
72.5°	283.5	286.4	288.8	291.7	293.4	294.6	294.0	293.5	292.4	292.3	291.6
75°	256.2	258.2	259.5	261.8	262.7	263.7	263.3	263.5	263.3	264.0	264.0
77.5°	223.4	224.8	225.4	227.1	227.2	228.6	228.9	230.4	231.6	234.1	235.4
80°	186.3	187.3	187.3	189.0	189.8	192.0	193.1	195.7	196.8	199.1	199.3
82.5°	144.8	143.7	144.8	144.1	146.2	148.7	149.1	151.3	151.8	153.2	152.2
85°	99.0	98.9	98.0	98.1	97.5	97.8	97.4	97.8	97.4	97.5	96.5
87.5°	47.4	47.8	46.9	47.1	46.2	46.7	45.8	46.5	45.4	45.6	44.0
90°	20.5	21.2	21.8	22.6	23.5	25.3	27.3	29.2	31.3	33.2	35.3
92.5°	24.9	25.8	26.8	27.9	28.9	31.9	34.9	37.9	41.1	43.9	47.0
95°	28.5	29.4	30.3	31.2	32.1	36.4	40.9	45.2	49.6	53.9	58.3
97.5°	32.1	32.7	33.3	33.8	34.4	39.5	44.7	49.8	54.9	60.1	65.2
100°	37.0	37.7	38.3	39.1	39.8	51.7	63.6	75.3	87.2	99.0	110.9
102.5°	61.8	65.9	70.1	74.4	78.5	107.3	135.9	164.7	193.4	222.1	250.9
105°	144.8	158.7	172.8	186.8	200.8	244.3	287.8	331.3	374.7	418.3	461.8
107.5°	296.3	320.8	345.6	370.1	394.8	435.7	476.6	517.5	558.4	599.3	640.2
110°	455.5	476.7	498.0	519.3	540.5	573.0	605.6	638.1	670.5	703.1	735.5



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	548.1	561.0	573.9	586.9	599.9	623.7	647.6	671.5	695.5	719.1	743.0
115°	571.4	578.3	585.2	592.0	599.0	613.5	628.0	642.4	656.8	671.2	685.7
117.5°	554.0	556.6	559.1	561.6	564.0	571.5	579.1	586.5	594.1	601.5	609.0
120°	512.6	512.5	512.4	512.2	512.1	514.4	517.0	519.4	521.8	524.2	526.6
122.5°	465.7	464.1	462.7	461.0	459.4	458.7	458.1	457.4	457.0	456.2	455.6
125°	421.3	419.7	418.1	416.5	414.8	412.9	411.1	409.1	407.3	405.4	403.4
127.5°	383.1	381.6	380.3	378.9	377.5	375.3	373.2	371.0	368.8	366.7	364.4
130°	351.2	350.2	349.3	348.1	347.2	345.3	343.5	341.6	339.8	338.0	336.1
132.5°	327.7	327.1	326.4	325.7	325.0	323.4	321.9	320.1	318.5	316.9	315.3
135°	309.1	308.8	308.5	308.2	307.8	306.7	305.5	304.3	303.2	302.0	300.8
137.5°	293.7	293.7	293.8	293.7	293.7	292.7	291.7	290.9	290.0	289.0	288.0
140°	283.4	283.4	283.6	283.5	283.5	282.4	281.4	280.3	279.4	278.3	277.2
142.5°	272.9	273.0	273.1	273.1	273.1	272.2	271.5	270.7	269.9	269.1	268.4
145°	264.8	265.1	265.3	265.4	265.6	264.6	263.6	262.7	261.8	260.7	259.8
147.5°	257.3	257.5	257.7	257.9	258.1	257.3	256.5	255.6	254.8	254.0	253.3
150°	251.4	251.4	251.6	251.6	251.6	250.7	249.8	248.9	248.1	247.1	246.4
152.5°	245.7	245.8	245.9	245.9	246.0	245.1	244.1	243.2	242.2	241.1	240.3
155°	240.4	240.4	240.4	240.4	240.4	239.5	238.6	237.7	236.8	235.8	235.0
157.5°	235.7	235.8	235.9	235.9	236.0	235.3	234.5	233.7	232.9	232.0	231.2
160°	232.1	232.2	232.3	232.4	232.4	231.7	231.1	230.4	229.9	229.1	228.4
162.5°	229.6	229.8	229.8	229.9	230.0	229.3	228.6	228.0	227.3	226.6	225.9
165°	226.4	226.4	226.4	226.3	226.3	225.8	225.5	225.0	224.6	224.1	223.7
167.5°	225.8	225.7	225.7	225.7	225.7	225.4	225.1	224.7	224.4	224.1	223.7
170°	224.7	224.6	224.6	224.6	224.5	224.3	224.0	223.7	223.4	223.0	222.6
172.5°	224.0	223.8	223.6	223.5	223.3	223.1	222.8	222.6	222.5	222.2	222.0
175°	223.2	223.1	222.9	222.7	222.5	222.5	222.4	222.3	222.2	222.0	221.9
177.5°	224.7	224.5	224.3	223.9	223.7	223.6	223.5	223.3	223.3	223.2	223.1
180°	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0
2.5°	10504.4	10439.6	10431.0	10435.5	10446.3	10450.4	10462.1	10465.3	10477.1	10479.9	10491.2
5°	10721.2	10635.4	10639.6	10660.3	10691.5	10710.1	10740.8	10756.8	10786.1	10799.5	10825.9
7.5°	10949.8	10882.4	10903.4	10938.2	10980.8	11010.4	11047.2	11071.3	11103.0	11122.7	11148.2
10°	11061.9	11043.5	11066.5	11094.0	11118.3	11137.4	11153.0	11165.5	11173.7	11181.4	11184.7
12.5°	10976.6	11005.1	11009.0	11006.3	10990.2	10977.9	10950.2	10931.5	10898.1	10877.8	10838.1
15°	10660.0	10722.7	10688.0	10635.3	10558.3	10494.1	10403.4	10335.9	10241.4	10177.4	10082.6
17.5°	10104.4	10183.6	10093.0	9971.2	9816.3	9683.8	9518.7	9387.7	9223.6	9104.2	8951.1
20°	9322.2	9396.3	9234.7	9032.8	8793.2	8591.4	8353.6	8163.8	7942.8	7778.4	7579.9
22.5°	8348.4	8401.1	8173.4	7901.3	7596.0	7344.0	7059.6	6832.1	6579.8	6391.9	6180.3
25°	7271.0	7285.3	7012.2	6698.6	6358.3	6075.1	5771.5	5532.3	5275.0	5084.5	4876.9
27.5°	6183.5	6162.7	5867.5	5535.1	5177.1	4882.8	4586.7	4362.5	4137.2	3965.6	3786.7
30°	5157.3	5106.7	4800.2	4458.5	4111.0	3847.2	3601.3	3421.4	3242.1	3106.0	2962.4
32.5°	4216.0	4144.7	3846.4	3526.3	3233.5	3029.8	2847.5	2711.4	2566.6	2451.6	2331.1
35°	3382.4	3306.3	3042.1	2770.7	2549.1	2399.0	2255.7	2144.0	2021.1	1924.1	1819.5
37.5°	2666.9	2604.6	2383.3	2169.7	2002.1	1885.8	1768.4	1677.0	1575.5	1532.7	1421.0
40°	2058.9	2015.3	1842.3	1684.8	1558.9	1504.3	1385.1	1299.8	1223.9	1161.3	1100.6
42.5°	1605.9	1590.5	1422.0	1299.3	1210.7	1141.8	1075.4	1021.5	969.0	925.9	885.1
45°	1178.5	1166.4	1091.5	1020.7	960.3	912.1	867.3	830.2	795.8	767.5	741.6
47.5°	917.7	913.8	870.7	826.8	788.8	757.8	728.7	704.1	681.3	662.4	656.2
50°	746.4	745.9	720.6	693.5	666.4	648.5	629.9	615.4	600.8	589.4	577.4
52.5°	634.2	631.4	614.4	597.6	581.6	569.8	557.9	548.6	539.0	531.9	524.4
55°	546.0	548.9	539.0	529.0	518.9	511.7	503.3	497.1	490.5	486.1	481.6
57.5°	484.7	488.5	483.4	477.7	471.6	466.8	461.0	456.8	452.3	449.5	446.9
60°	440.2	444.3	442.2	439.4	435.5	432.7	429.1	426.7	423.9	422.3	420.8
62.5°	402.3	407.5	406.8	405.5	403.0	401.5	399.4	398.4	396.4	395.8	395.1
65°	364.6	370.4	370.3	369.6	368.4	367.9	366.6	366.4	365.4	365.8	365.7
67.5°	334.9	340.0	341.1	341.9	341.9	342.2	342.1	342.6	342.6	343.3	343.8
70°	313.4	317.1	317.9	318.7	318.9	319.6	319.6	320.1	319.9	320.6	320.7
72.5°	291.8	296.5	297.3	298.0	298.0	298.7	298.3	298.2	297.3	297.1	296.5
75°	264.9	270.9	272.2	273.1	273.2	273.8	273.0	272.4	270.9	270.2	269.1
77.5°	236.7	243.0	243.9	244.2	243.7	243.8	242.1	241.0	239.0	238.2	237.1
80°	200.2	209.3	210.0	209.4	208.0	207.8	206.2	205.1	202.7	201.9	201.0
82.5°	152.4	163.1	164.5	165.2	164.0	164.3	162.8	162.1	159.9	159.5	158.1
85°	96.2	106.9	108.6	108.3	107.3	107.0	106.1	106.4	106.2	106.8	107.1
87.5°	44.2	54.5	57.1	56.3	56.2	55.4	53.7	54.4	55.4	56.0	56.1
90°	37.2	42.3	44.2	42.7	40.4	38.7	36.3	35.0	32.7	31.2	29.1
92.5°	50.0	52.9	56.0	53.3	50.6	47.9	45.3	42.5	39.9	37.2	34.5
95°	62.7	67.0	71.3	67.8	64.0	60.5	56.9	53.3	49.7	46.2	42.5
97.5°	70.3	75.4	80.5	77.0	73.4	69.7	66.1	62.6	58.9	55.4	51.8
100°	122.7	134.5	146.3	136.0	125.9	115.7	105.5	95.3	85.1	74.8	64.7
102.5°	279.6	308.1	336.8	311.1	285.4	259.5	233.8	208.0	182.3	156.5	130.7
105°	505.2	548.5	591.9	552.5	513.2	473.9	434.7	395.3	356.0	316.7	277.4
107.5°	681.0	721.7	762.4	726.9	691.4	655.9	620.3	584.8	549.3	513.7	478.3
110°	767.9	800.2	832.5	808.6	784.8	761.0	737.1	713.3	689.5	665.8	641.9



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	766.9	790.2	813.9	800.0	786.1	772.3	758.3	744.5	730.6	716.8	702.9
115°	700.1	713.9	728.2	722.7	717.3	711.8	706.4	701.0	695.6	690.1	684.8
117.5°	616.4	623.3	630.5	629.5	628.7	627.7	626.8	626.0	625.1	624.2	623.5
120°	529.1	530.7	532.9	533.6	534.6	535.3	536.3	537.1	538.1	538.9	539.9
122.5°	454.9	453.5	452.5	453.3	454.2	454.9	455.8	456.6	457.4	458.2	459.2
125°	401.6	398.7	396.5	395.8	395.1	394.2	393.5	392.6	391.9	391.1	390.5
127.5°	362.4	359.2	356.8	354.8	352.7	350.7	348.7	346.6	344.7	342.6	340.7
130°	334.3	331.4	329.4	326.7	324.2	321.5	318.9	316.3	313.6	311.2	308.5
132.5°	313.6	311.0	309.1	306.6	304.2	301.7	299.1	296.6	294.2	291.5	289.2
135°	299.6	297.3	295.9	293.6	291.4	289.2	286.9	284.6	282.4	280.1	277.9
137.5°	287.1	285.0	283.8	282.0	280.2	278.4	276.7	274.9	273.2	271.2	269.5
140°	276.2	273.9	272.6	271.7	270.7	269.8	268.8	267.9	266.9	266.0	265.0
142.5°	267.6	265.5	264.4	263.9	263.3	262.8	262.3	261.7	261.0	260.4	259.8
145°	258.8	256.4	255.2	255.1	255.3	255.3	255.3	255.4	255.4	255.4	255.5
147.5°	252.4	250.0	248.8	249.0	249.3	249.4	249.7	249.8	250.1	250.2	250.5
150°	245.4	242.6	241.2	241.6	241.9	242.3	242.7	243.1	243.4	243.8	244.1
152.5°	239.3	236.0	234.5	234.9	235.3	235.6	236.0	236.4	236.8	237.3	237.7
155°	234.0	230.4	228.9	229.0	229.2	229.4	229.5	229.8	230.0	230.1	230.5
157.5°	230.3	226.8	225.3	225.2	225.3	225.3	225.4	225.6	225.7	225.8	226.0
160°	227.8	224.3	222.8	222.7	222.8	222.8	222.8	223.0	223.1	223.2	223.3
162.5°	225.2	221.8	220.3	220.3	220.3	220.3	220.4	220.4	220.5	220.6	220.7
165°	223.1	220.2	219.0	219.0	219.2	219.3	219.4	219.7	219.8	220.0	220.3
167.5°	223.4	220.7	219.8	219.7	219.5	219.4	219.4	219.3	219.3	219.2	219.2
170°	222.2	220.1	219.3	219.3	219.4	219.5	219.5	219.6	219.6	219.8	219.9
172.5°	221.7	220.1	219.6	219.7	220.0	220.2	220.4	220.6	220.8	221.0	221.3
175°	221.8	220.9	220.7	220.7	220.8	220.9	221.0	221.2	221.3	221.4	221.6
177.5°	222.9	222.6	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.5	222.5
180°	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0
2.5°	10493.4	10505.6	10504.7	10516.1	10515.5	10526.3	10524.1	10533.5	10531.3	10539.3	10534.5
5°	10837.6	10860.9	10868.5	10889.5	10893.9	10912.6	10913.0	10927.9	10926.2	10937.9	10931.7
7.5°	11163.2	11184.9	11195.2	11211.5	11219.7	11233.1	11238.4	11249.5	11252.2	11258.8	11258.6
10°	11190.6	11190.6	11195.6	11193.4	11198.0	11195.3	11200.9	11198.9	11207.1	11204.9	11211.1
12.5°	10820.9	10784.2	10770.8	10737.9	10730.6	10702.3	10704.4	10686.2	10694.9	10683.9	10702.8
15°	10026.2	9941.1	9899.1	9825.0	9801.9	9743.3	9738.6	9699.7	9710.2	9689.9	9719.5
17.5°	8852.0	8717.9	8644.4	8536.3	8493.5	8410.7	8394.1	8344.1	8351.8	8326.7	8362.5
20°	7452.0	7290.0	7197.3	7072.2	7016.5	6917.8	6891.7	6835.7	6842.7	6817.7	6858.3
22.5°	6035.9	5866.4	5761.7	5630.6	5559.5	5466.7	5438.9	5382.7	5385.8	5362.4	5401.4
25°	4734.7	4572.1	4470.4	4351.5	4289.7	4204.6	4175.4	4124.9	4127.7	4108.4	4143.3
27.5°	3662.6	3529.2	3444.2	3344.5	3289.1	3219.1	3190.6	3148.2	3148.0	3133.9	3163.1
30°	2862.2	2750.9	2674.4	2587.6	2535.6	2472.5	2444.9	2407.0	2405.3	2395.2	2418.5
32.5°	2241.0	2142.0	2072.3	1995.9	1949.2	1895.0	1869.0	1838.4	1835.7	1826.5	1845.6
35°	1742.1	1658.7	1598.9	1534.4	1539.2	1459.4	1472.6	1410.6	1393.8	1390.0	1404.3
37.5°	1346.4	1281.9	1233.2	1185.0	1152.3	1118.6	1100.4	1084.1	1082.3	1080.7	1090.6
40°	1053.9	1008.7	973.3	940.2	917.7	897.2	885.8	876.9	874.7	873.5	879.5
42.5°	852.9	822.5	799.7	779.4	765.8	754.6	748.4	743.4	741.7	741.8	745.4
45°	720.6	702.1	687.4	674.9	666.2	670.0	658.7	664.6	656.8	664.9	659.6
47.5°	634.7	618.8	609.8	600.9	595.7	591.3	591.5	591.6	593.3	593.5	595.3
50°	568.2	559.1	552.8	547.1	544.4	542.1	542.9	543.5	545.2	545.3	546.5
52.5°	519.1	513.1	509.3	505.8	504.6	503.3	503.8	503.6	504.3	504.0	505.0
55°	479.2	476.3	475.1	473.9	474.0	473.7	473.9	472.7	471.9	470.9	471.8
57.5°	446.3	446.0	446.7	447.3	448.8	449.4	449.7	448.2	446.8	445.6	446.3
60°	421.1	421.7	423.7	425.3	427.5	428.5	429.1	428.3	427.3	426.2	426.8
62.5°	396.2	397.1	399.5	401.4	403.9	405.3	406.8	406.9	407.3	406.9	407.3
65°	367.2	368.4	370.5	372.1	374.5	375.7	377.2	377.5	378.4	378.2	378.9
67.5°	345.2	346.3	348.1	349.5	351.7	352.9	354.3	354.3	354.7	354.6	355.3
70°	321.8	322.3	324.0	325.1	327.3	328.6	330.0	330.5	331.5	331.6	332.4
72.5°	296.7	296.5	297.4	298.0	299.6	300.7	302.6	303.7	305.3	305.7	306.3
75°	269.5	269.2	270.4	270.9	272.3	273.3	275.5	276.9	279.5	280.4	280.1
77.5°	238.0	238.5	240.7	241.8	243.7	245.0	247.8	250.1	254.7	256.8	254.7
80°	202.7	203.2	205.5	206.7	209.0	210.6	213.8	216.5	220.6	221.5	220.3
82.5°	159.3	159.5	161.5	162.4	165.5	167.8	171.9	174.0	176.5	176.1	175.8
85°	108.6	110.1	112.7	115.1	119.1	122.7	126.5	129.7	127.5	130.9	127.0
87.5°	58.1	58.0	61.3	60.8	66.2	69.3	72.6	74.2	76.0	75.6	75.6
90°	27.8	26.4	25.9	24.4	24.2	22.6	22.6	21.1	21.3	19.6	22.0
92.5°	31.8	30.4	28.9	27.5	26.0	24.6	23.1	21.7	20.2	18.8	20.2
95°	39.0	37.6	36.3	35.0	33.6	32.3	30.9	29.6	28.3	26.9	28.6
97.5°	48.2	47.4	46.7	45.9	45.1	44.4	43.6	42.8	42.0	41.3	42.3
100°	54.5	54.5	54.5	54.5	54.4	54.4	54.4	54.4	54.4	54.4	55.3
102.5°	105.0	102.5	99.9	97.2	94.7	92.0	89.5	86.9	84.4	81.8	85.7
105°	238.1	228.1	218.0	207.9	197.7	187.7	177.6	167.6	157.5	147.4	157.9
107.5°	442.8	424.3	406.0	387.7	369.2	350.9	332.5	314.2	295.9	277.5	293.9
110°	618.1	598.7	579.2	559.8	540.3	520.7	501.3	481.8	462.4	442.9	458.5



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	689.1	676.4	663.9	651.3	638.8	626.2	613.7	601.2	588.7	576.1	583.7
115°	679.3	673.5	667.4	661.5	655.5	649.5	643.5	637.6	631.6	625.7	626.2
117.5°	622.6	620.6	618.5	616.6	614.7	612.6	610.8	608.9	606.9	605.1	600.9
120°	540.8	541.4	542.0	542.8	543.5	544.2	544.8	545.6	546.3	547.1	541.4
122.5°	460.0	461.5	463.0	464.6	466.1	467.9	469.4	471.1	472.8	474.4	468.7
125°	389.7	391.1	392.6	394.2	395.7	397.2	398.9	400.6	402.1	403.9	399.1
127.5°	338.7	339.3	339.8	340.4	340.9	341.6	342.3	343.0	343.8	344.7	341.6
130°	306.0	305.5	305.1	304.6	304.1	303.9	303.6	303.2	303.0	302.8	301.5
132.5°	286.6	285.5	284.4	283.2	282.1	281.0	280.0	279.2	278.2	277.4	276.9
135°	275.6	274.0	272.4	270.8	269.1	267.9	266.3	264.9	263.6	262.3	262.5
137.5°	267.7	266.1	264.5	263.0	261.3	259.9	258.4	257.0	255.7	254.4	254.8
140°	264.0	262.4	260.8	259.2	257.7	256.3	254.8	253.4	252.1	250.9	251.1
142.5°	259.2	257.7	256.3	254.9	253.5	252.2	250.9	249.6	248.4	247.2	247.5
145°	255.5	254.4	253.3	252.2	251.3	250.3	249.2	248.4	247.5	246.7	246.8
147.5°	250.6	249.8	248.9	248.1	247.3	246.7	246.0	245.3	244.6	244.0	244.1
150°	244.5	244.0	243.4	242.9	242.4	241.9	241.5	241.1	240.7	240.3	240.2
152.5°	238.1	237.6	237.1	236.6	236.2	235.7	235.4	235.0	234.7	234.2	234.2
155°	230.7	230.5	230.2	230.0	229.9	229.7	229.5	229.5	229.2	229.1	229.1
157.5°	226.1	226.0	225.9	226.0	225.9	225.8	225.7	225.8	225.7	225.8	225.9
160°	223.5	223.4	223.2	223.1	222.9	222.8	222.7	222.6	222.5	222.4	222.6
162.5°	220.8	221.0	221.0	221.1	221.2	221.3	221.4	221.5	221.6	221.8	221.9
165°	220.5	220.4	220.4	220.2	220.2	220.2	220.2	220.1	220.1	220.2	220.4
167.5°	219.2	219.3	219.4	219.5	219.6	219.9	220.1	220.3	220.4	220.7	220.9
170°	219.9	219.9	219.9	219.9	219.9	220.0	220.0	220.0	220.1	220.2	220.3
172.5°	221.5	221.5	221.4	221.5	221.4	221.5	221.5	221.5	221.5	221.6	221.7
175°	221.6	221.8	221.9	222.1	222.2	222.3	222.4	222.6	222.7	222.8	222.8
177.5°	222.5	222.5	222.5	222.5	222.5	222.6	222.6	222.6	222.6	222.5	222.6
180°	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0
2.5°	10542.3	10537.0	10542.4	10537.0	10542.4	10535.9	10540.3	10533.3	10535.0	10527.7	10529.5
5°	10940.9	10932.6	10937.0	10926.1	10927.3	10912.6	10912.4	10895.4	10890.9	10871.6	10863.1
7.5°	11263.3	11260.5	11262.1	11255.0	11254.3	11244.2	11239.5	11225.5	11216.6	11198.9	11186.7
10°	11212.2	11220.5	11222.6	11231.0	11232.7	11241.0	11242.8	11251.0	11252.8	11258.9	11259.0
12.5°	10701.9	10729.8	10736.5	10771.0	10785.5	10824.9	10846.0	10889.5	10915.3	10958.7	10985.3
15°	9718.8	9767.1	9786.3	9853.6	9890.9	9969.4	10018.7	10109.0	10172.7	10268.4	10336.8
17.5°	8365.7	8433.2	8463.6	8554.9	8614.4	8730.4	8813.9	8951.5	9056.8	9209.6	9330.9
20°	6865.2	6940.2	6981.5	7085.6	7155.9	7291.4	7395.7	7564.7	7705.7	7899.5	8065.1
22.5°	5413.6	5484.9	5530.8	5636.7	5715.9	5857.1	5973.8	6152.2	6310.2	6528.4	6727.0
25°	4156.6	4222.0	4263.5	4359.3	4433.6	4563.5	4674.8	4846.4	5001.0	5219.9	5423.6
27.5°	3177.7	3232.5	3272.5	3354.1	3419.6	3529.7	3625.4	3767.2	3900.4	4089.8	4271.2
30°	2432.8	2481.3	2520.2	2591.3	2652.2	2747.6	2831.7	2950.9	3061.1	3211.8	3356.1
32.5°	1859.1	1900.8	1935.5	1997.8	2052.9	2138.8	2214.6	2319.1	2413.7	2541.4	2660.2
35°	1417.4	1499.6	1493.8	1579.8	1593.6	1655.2	1722.9	1814.2	1898.0	2006.7	2107.7
37.5°	1100.2	1123.3	1148.1	1186.0	1226.0	1282.1	1339.2	1450.7	1491.7	1573.8	1657.4
40°	887.2	902.8	919.2	944.9	972.8	1012.3	1053.9	1107.1	1161.6	1228.2	1296.3
42.5°	750.1	758.9	769.3	784.3	801.6	826.7	854.5	890.5	928.5	975.4	1023.2
45°	670.1	665.9	669.0	677.1	687.5	702.7	720.3	742.6	767.4	797.7	830.0
47.5°	595.7	597.3	598.2	602.6	608.2	618.4	629.1	644.3	673.5	682.4	700.1
50°	546.4	547.2	546.9	549.2	552.0	558.6	565.5	575.8	586.0	599.7	612.6
52.5°	505.2	506.3	506.2	507.6	509.1	513.3	517.7	524.9	531.7	540.4	547.7
55°	472.6	474.1	474.8	476.0	476.8	479.0	480.7	484.2	487.0	491.9	496.4
57.5°	447.5	449.7	450.7	451.2	450.3	450.2	449.6	450.3	450.9	453.5	456.1
60°	427.8	429.6	429.8	429.6	428.0	426.8	424.9	424.3	424.0	425.3	426.7
62.5°	407.2	407.8	407.4	406.9	405.0	403.9	401.9	401.3	400.6	401.6	402.2
65°	378.7	379.2	378.7	378.3	376.7	375.7	374.1	373.6	372.7	372.9	372.8
67.5°	355.4	356.0	355.6	355.1	354.0	353.4	352.2	351.5	350.4	349.9	349.1
70°	332.3	332.7	332.1	331.6	330.3	329.8	328.8	328.5	327.6	327.4	326.5
72.5°	305.7	305.8	304.8	304.6	303.6	303.5	303.1	303.5	303.5	303.9	303.7
75°	278.6	278.2	277.0	276.8	276.0	276.4	275.9	276.6	276.6	277.6	277.8
77.5°	251.3	249.9	247.6	246.7	245.2	245.0	244.1	244.7	244.5	245.7	246.2
80°	216.9	215.1	212.3	211.0	209.2	208.9	208.1	208.9	208.5	209.9	210.9
82.5°	173.2	171.6	168.8	167.7	165.6	165.8	164.9	165.8	165.7	167.7	168.9
85°	128.1	127.1	124.1	121.4	118.5	116.7	115.0	114.7	114.1	115.0	115.7
87.5°	74.0	73.1	70.7	69.2	63.9	64.1	62.1	62.0	61.5	61.0	62.1
90°	22.4	24.5	25.0	27.0	27.7	29.9	30.6	32.7	33.5	35.9	36.7
92.5°	21.7	23.1	24.6	26.0	27.5	28.9	30.4	31.8	35.0	38.0	41.3
95°	30.3	31.9	33.6	35.4	37.0	38.7	40.4	42.0	46.7	51.2	55.8
97.5°	43.5	44.6	45.7	46.9	47.9	49.0	50.2	51.3	56.2	61.1	66.0
100°	56.2	57.1	58.0	58.9	59.8	60.7	61.6	62.5	72.1	81.6	91.1
102.5°	89.4	93.2	97.0	100.8	104.7	108.5	112.3	116.1	137.9	159.7	181.5
105°	168.3	178.7	189.2	199.5	209.9	220.3	230.7	241.1	276.0	311.0	346.0
107.5°	310.4	326.8	343.3	359.8	376.3	392.7	409.2	425.7	459.7	493.8	527.8
110°	474.2	489.9	505.6	521.3	537.0	552.6	568.3	584.1	604.5	624.8	645.4



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	591.3	598.9	606.6	614.2	621.9	629.5	637.2	644.9	655.0	665.2	675.3
115°	626.7	627.2	627.6	628.2	628.6	629.1	629.6	630.2	633.5	636.6	639.8
117.5°	596.5	592.4	588.2	584.0	579.8	575.7	571.5	567.5	566.7	566.0	565.3
120°	535.9	530.2	524.6	518.9	513.4	507.8	502.3	496.8	493.9	490.9	488.1
122.5°	463.1	457.4	451.9	446.2	440.7	435.1	429.7	424.2	422.2	420.0	418.1
125°	394.3	389.7	385.0	380.3	375.8	371.2	366.7	362.2	361.9	361.5	361.4
127.5°	338.8	335.8	333.0	330.2	327.4	324.6	322.0	319.2	320.3	321.3	322.3
130°	300.1	298.8	297.6	296.3	295.2	294.1	292.9	291.7	293.7	295.6	297.6
132.5°	276.7	276.4	276.2	275.9	275.8	275.7	275.6	275.5	277.8	280.0	282.3
135°	262.7	263.0	263.3	263.7	264.2	264.5	265.0	265.4	267.7	269.7	272.0
137.5°	255.4	255.8	256.5	257.0	257.7	258.2	259.0	259.6	261.4	263.0	264.7
140°	251.5	251.9	252.3	252.7	253.2	253.8	254.4	254.8	256.2	257.6	258.8
142.5°	247.9	248.2	248.7	249.2	249.7	250.1	250.7	251.2	252.2	253.0	254.0
145°	247.1	247.3	247.6	248.0	248.3	248.7	249.0	249.4	250.0	250.5	251.1
147.5°	244.2	244.3	244.5	244.7	245.0	245.2	245.4	245.6	245.9	246.2	246.7
150°	240.3	240.3	240.4	240.3	240.4	240.5	240.7	240.7	241.0	241.2	241.5
152.5°	234.3	234.3	234.3	234.2	234.3	234.4	234.4	234.5	234.8	235.1	235.4
155°	229.3	229.4	229.6	229.7	229.9	230.0	230.1	230.2	230.4	230.5	230.7
157.5°	226.0	226.1	226.3	226.4	226.6	226.7	226.8	227.0	227.2	227.3	227.4
160°	222.8	223.1	223.3	223.7	223.9	224.1	224.4	224.5	224.7	224.8	225.0
162.5°	222.1	222.2	222.4	222.5	222.6	222.8	222.9	223.1	223.4	223.6	223.8
165°	220.6	221.0	221.3	221.4	221.7	222.1	222.3	222.6	222.7	222.8	223.0
167.5°	221.1	221.3	221.6	221.9	222.2	222.4	222.7	222.9	223.0	223.1	223.3
170°	220.6	220.8	221.0	221.3	221.5	221.7	222.0	222.1	222.4	222.6	222.8
172.5°	221.9	222.0	222.2	222.4	222.6	222.8	223.0	223.2	223.4	223.6	223.7
175°	222.8	222.8	222.8	222.9	222.9	222.9	222.9	223.0	223.1	223.1	223.1
177.5°	222.7	222.9	223.0	223.1	223.2	223.4	223.5	223.6	223.6	223.6	223.6
180°	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0
2.5°	10522.2	10522.7	10514.2	10513.7	10505.8	10504.8	10497.0	10494.7	10488.4	10486.1	10479.6
5°	10841.4	10831.1	10807.2	10793.2	10769.5	10753.9	10728.3	10711.6	10687.0	10668.4	10643.6
7.5°	11164.3	11148.3	11121.5	11099.6	11066.9	11040.8	11002.5	10971.1	10929.5	10893.6	10850.0
10°	11259.0	11256.5	11249.6	11239.7	11224.5	11207.4	11181.3	11154.1	11117.7	11078.1	11029.7
12.5°	11026.0	11051.1	11085.5	11105.8	11130.5	11141.4	11151.5	11149.0	11142.3	11122.3	11094.3
15°	10435.8	10506.5	10600.1	10672.7	10756.1	10816.8	10883.7	10925.5	10967.1	10986.4	10998.2
17.5°	9496.9	9630.7	9798.6	9937.7	10098.2	10227.2	10368.4	10474.8	10584.2	10662.6	10733.5
20°	8290.9	8484.8	8722.2	8932.0	9175.9	9387.7	9620.0	9810.7	10007.3	10161.0	10306.6
22.5°	6982.8	7213.2	7500.2	7766.0	8080.4	8362.9	8681.8	8959.2	9248.8	9490.9	9724.9
25°	5696.5	5949.1	6262.9	6559.6	6915.6	7244.3	7622.4	7968.1	8342.6	8667.6	8988.7
27.5°	4521.9	4769.9	5090.4	5406.1	5782.6	6132.8	6537.8	6918.9	7345.2	7738.3	8140.4
30°	3556.5	3766.8	4054.2	4360.0	4731.3	5087.7	5497.2	5889.0	6332.5	6761.7	7214.7
32.5°	2817.8	2978.0	3203.9	3462.4	3805.1	4144.3	4534.2	4912.5	5349.2	5782.8	6254.0
35°	2237.8	2362.8	2535.0	2736.8	3027.0	3319.4	3664.3	4008.2	4415.6	4827.1	5285.1
37.5°	1764.7	1866.0	2000.9	2152.6	2385.3	2625.2	2908.0	3193.2	3547.2	3911.9	4326.9
40°	1377.9	1460.1	1565.1	1678.1	1853.9	2038.8	2257.5	2478.6	2763.1	3061.2	3404.6
42.5°	1082.5	1143.1	1217.2	1299.8	1463.8	1562.0	1710.3	1870.3	2079.4	2295.8	2554.0
45°	869.3	910.7	962.1	1017.5	1093.7	1176.9	1278.4	1385.0	1583.6	1681.1	1838.1
47.5°	726.0	753.7	786.5	821.4	866.3	914.7	974.9	1036.5	1116.2	1198.7	1295.4
50°	629.4	657.6	668.9	687.0	712.9	740.6	774.6	808.5	851.2	894.6	944.4
52.5°	557.8	567.0	579.2	590.7	606.8	638.3	648.5	666.2	690.1	713.6	739.8
55°	503.0	509.0	517.0	523.9	533.7	543.0	556.4	568.2	584.2	598.3	615.7
57.5°	460.5	464.3	469.8	474.3	480.6	485.9	493.8	500.2	509.4	517.4	527.9
60°	429.6	432.1	435.7	438.8	442.7	445.5	449.4	452.4	457.3	461.3	467.2
62.5°	404.2	405.6	408.0	409.7	412.3	413.6	415.7	417.1	419.7	421.8	425.0
65°	374.0	374.2	375.8	376.6	378.6	379.4	381.0	381.6	383.9	385.3	388.2
67.5°	349.1	348.4	348.4	347.8	348.1	347.5	347.7	347.0	347.9	348.4	350.6
70°	326.4	325.4	325.1	324.1	323.8	322.7	322.4	321.4	321.3	321.0	321.8
72.5°	304.3	304.0	304.1	303.3	303.2	302.5	302.5	302.1	302.6	302.8	303.8
75°	278.9	278.9	279.5	278.8	279.0	278.4	278.6	278.0	278.3	278.2	279.2
77.5°	247.9	248.6	250.0	249.7	250.1	249.4	249.7	248.9	249.2	248.6	249.0
80°	213.1	214.6	216.4	216.4	217.2	216.6	217.3	216.6	216.9	215.9	215.7
82.5°	171.8	173.1	175.0	175.0	176.8	177.1	179.0	178.9	180.1	179.4	178.8
85°	117.4	118.3	120.0	120.9	122.7	123.8	125.5	126.3	124.9	127.4	125.5
87.5°	61.3	63.6	62.3	65.3	64.6	67.6	67.0	69.7	69.2	71.6	71.3
90°	39.5	40.7	43.4	44.6	47.8	49.4	49.5	47.7	47.8	46.1	46.1
92.5°	44.3	47.4	50.6	53.7	56.9	60.0	57.1	54.2	51.3	48.4	45.5
95°	60.4	64.9	69.5	74.2	78.7	83.3	78.4	73.5	68.6	63.7	58.6
97.5°	70.9	75.9	80.8	85.8	90.7	95.6	89.8	84.0	78.1	72.4	66.6
100°	100.6	110.1	119.6	129.1	138.7	148.2	137.4	126.5	115.8	104.9	94.1
102.5°	203.4	225.3	247.1	269.0	290.9	312.7	289.6	266.7	243.6	220.5	197.5
105°	380.8	415.9	450.8	485.7	520.7	555.7	518.4	481.0	443.7	406.5	369.0
107.5°	561.9	595.9	630.1	664.1	698.2	732.3	694.5	656.6	618.7	580.9	543.0
110°	665.8	686.2	706.7	727.2	747.6	768.1	740.5	712.8	685.2	657.4	629.8



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	685.5	695.7	706.0	716.2	726.4	736.6	716.8	697.1	677.2	657.4	637.7
115°	643.0	646.1	649.4	652.5	655.8	659.0	645.6	632.2	618.8	605.5	592.0
117.5°	564.6	563.9	563.2	562.6	561.9	561.3	553.7	546.2	538.6	531.1	523.5
120°	485.2	482.4	479.5	476.7	473.8	470.9	467.7	464.3	461.1	457.8	454.4
122.5°	415.9	414.0	412.0	409.9	407.7	405.7	404.3	403.0	401.7	400.3	399.0
125°	361.2	360.9	360.6	360.4	360.1	359.8	359.1	358.3	357.5	356.8	356.0
127.5°	323.3	324.3	325.3	326.3	327.3	328.3	327.9	327.8	327.4	327.1	326.8
130°	299.5	301.4	303.2	305.2	307.0	308.9	308.4	307.9	307.4	306.9	306.4
132.5°	284.6	286.8	289.0	291.2	293.5	295.7	295.1	294.5	293.8	293.3	292.6
135°	274.1	276.2	278.3	280.5	282.5	284.6	283.9	283.2	282.3	281.7	281.0
137.5°	266.4	268.1	269.6	271.3	272.9	274.5	273.8	273.1	272.3	271.6	270.9
140°	260.1	261.5	262.7	264.0	265.3	266.6	265.7	264.8	263.9	263.1	262.2
142.5°	254.9	255.9	256.8	257.7	258.5	259.5	258.3	257.3	256.1	255.0	253.9
145°	251.8	252.2	252.8	253.4	253.9	254.5	253.1	252.0	250.6	249.3	248.1
147.5°	246.9	247.2	247.4	247.8	248.0	248.4	247.1	246.0	244.8	243.5	242.3
150°	241.7	242.2	242.4	242.6	242.9	243.1	241.8	240.7	239.4	238.1	237.0
152.5°	235.6	235.9	236.1	236.3	236.5	236.7	235.6	234.5	233.3	232.1	230.9
155°	230.8	231.0	231.1	231.2	231.3	231.4	230.4	229.6	228.6	227.6	226.6
157.5°	227.5	227.7	227.8	227.9	228.0	228.1	227.3	226.6	225.8	225.1	224.4
160°	225.1	225.2	225.3	225.4	225.5	225.6	224.9	224.4	223.8	223.1	222.5
162.5°	224.0	224.4	224.5	224.6	224.9	225.0	224.4	223.7	222.9	222.1	221.4
165°	223.1	223.2	223.3	223.4	223.5	223.6	223.0	222.5	222.0	221.5	220.9
167.5°	223.4	223.5	223.6	223.7	223.7	223.8	223.3	222.9	222.3	221.7	221.2
170°	223.0	223.3	223.5	223.6	223.8	223.9	223.5	223.1	222.6	222.3	221.8
172.5°	223.9	224.2	224.3	224.5	224.5	224.7	224.3	223.9	223.4	223.0	222.5
175°	223.1	223.2	223.3	223.3	223.3	223.3	223.0	222.6	222.3	221.9	221.6
177.5°	223.6	223.6	223.6	223.6	223.6	223.6	223.4	223.1	222.9	222.7	222.3
180°	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0	10412.0
2.5°	10477.4	10472.9	10469.9	10466.2	10463.9	10461.0	10458.9	10457.0	10455.6	10454.2	10453.2
5°	10624.7	10601.3	10583.2	10563.4	10547.3	10531.1	10518.7	10508.4	10501.3	10495.9	10492.8
7.5°	10812.3	10769.4	10731.3	10691.1	10655.2	10619.8	10589.4	10563.0	10543.3	10530.5	10522.9
10°	10979.8	10922.4	10865.7	10805.9	10749.3	10694.4	10643.6	10599.0	10563.7	10540.2	10526.6
12.5°	11054.9	11006.0	10948.1	10883.2	10813.8	10743.6	10675.1	10613.3	10561.6	10526.8	10506.6
15°	10988.7	10968.7	10929.3	10879.0	10813.1	10740.5	10660.2	10584.5	10515.1	10470.0	10443.9
17.5°	10773.6	10801.6	10798.7	10779.4	10732.0	10670.9	10589.0	10504.1	10417.2	10356.9	10324.0
20°	10410.6	10498.7	10543.3	10566.3	10547.6	10508.0	10433.9	10347.7	10246.4	10167.8	10119.7
22.5°	9900.4	10055.9	10152.8	10223.7	10238.7	10225.2	10159.7	10077.8	9964.8	9870.3	9799.4
25°	9243.6	9471.4	9624.6	9744.6	9791.3	9803.2	9747.5	9666.1	9540.2	9430.1	9332.6
27.5°	8470.1	8766.0	8970.5	9131.8	9204.6	9236.2	9184.9	9101.8	8952.8	8821.4	8694.1
30°	7599.2	7950.4	8196.5	8389.9	8478.6	8520.4	8465.9	8373.1	8199.8	8041.5	7881.3
32.5°	6667.0	7051.3	7319.5	7529.6	7617.5	7656.8	7585.4	7481.3	7280.9	7094.6	6907.7
35°	5691.1	6078.9	6349.4	6554.0	6627.6	6651.3	6560.1	6439.7	6217.7	6013.2	5809.4
37.5°	4695.3	5056.2	5302.0	5485.4	5531.1	5535.1	5425.3	5292.3	5059.0	4857.4	4654.5
40°	3708.1	4012.4	4210.9	4357.8	4373.6	4359.5	4240.1	4106.2	3888.0	3707.3	3529.2
42.5°	2778.2	3007.9	3149.6	3250.2	3244.2	3216.3	3106.8	2991.7	2811.7	2674.1	2534.0
45°	1981.6	2133.0	2215.8	2274.8	2255.8	2229.2	2144.0	2063.4	1941.0	1852.1	1758.0
47.5°	1376.7	1557.5	1526.0	1641.2	1542.0	1607.5	1471.1	1395.8	1330.9	1283.6	1230.4
50°	985.5	1027.0	1047.0	1060.7	1053.4	1043.4	1018.8	996.9	967.2	945.6	920.4
52.5°	761.1	781.8	793.2	801.4	799.8	796.1	785.4	775.7	761.8	752.6	741.6
55°	644.7	645.0	665.9	656.9	670.1	654.7	660.8	643.6	646.3	631.6	621.7
57.5°	535.7	544.2	548.0	551.7	550.7	550.1	546.0	543.8	539.2	537.7	534.4
60°	471.2	475.7	476.6	478.3	476.9	476.3	473.1	471.9	468.8	468.3	466.0
62.5°	427.0	429.3	429.3	429.3	427.5	425.6	422.1	420.2	417.6	417.0	415.7
65°	390.2	392.5	392.9	393.4	392.0	390.7	387.5	385.4	382.7	381.6	380.1
67.5°	352.0	354.5	355.4	356.7	355.9	355.6	353.4	352.6	350.9	350.4	349.1
70°	322.1	323.2	323.1	323.1	321.4	319.8	317.4	316.2	314.2	313.8	312.7
72.5°	304.3	305.1	304.6	303.9	301.8	299.5	296.5	294.4	291.9	290.5	288.7
75°	279.3	280.2	279.7	279.3	277.3	275.8	273.5	272.3	270.5	270.0	268.8
77.5°	248.5	249.0	248.0	247.9	246.4	245.5	243.7	243.4	242.1	242.1	241.0
80°	214.3	214.0	212.5	212.1	210.6	210.2	208.8	208.9	207.9	208.3	207.6
82.5°	176.3	175.3	173.3	172.7	170.9	170.7	169.8	170.6	169.9	170.9	170.3
85°	126.4	126.6	125.7	125.7	125.2	125.3	125.3	125.8	125.9	126.8	126.7
87.5°	70.4	71.5	71.3	72.2	72.2	73.2	73.6	75.0	75.2	76.7	76.7
90°	44.3	44.6	42.8	43.1	42.2	43.2	42.7	43.7	42.8	43.6	42.5
92.5°	42.6	39.7	36.8	33.9	32.4	30.8	29.7	28.0	26.6	25.0	23.7
95°	53.7	48.8	43.9	39.0	37.3	35.7	34.0	32.3	30.5	28.9	27.2
97.5°	60.8	54.9	49.1	43.3	41.8	40.4	38.9	37.4	36.0	34.5	33.1
100°	83.2	72.4	61.5	50.7	49.4	48.2	47.0	45.8	44.5	43.2	41.9
102.5°	174.6	151.5	128.5	105.4	101.1	96.7	92.3	87.9	83.5	79.2	74.8
105°	331.8	294.5	257.1	219.7	207.9	196.0	184.2	172.3	160.4	148.5	136.7
107.5°	505.1	467.2	429.4	391.4	369.5	347.6	325.6	303.7	281.8	259.9	237.9
110°	602.1	574.4	546.7	519.0	501.5	483.8	466.1	448.4	430.8	413.1	395.5



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	617.9	597.9	578.2	558.2	550.3	542.2	534.3	526.2	518.2	510.1	502.0
115°	578.6	565.2	551.7	538.2	535.3	532.6	529.7	526.8	523.9	521.0	518.1
117.5°	516.0	508.3	500.8	493.2	493.5	494.0	494.4	494.9	495.2	495.6	495.9
120°	451.2	447.9	444.5	441.2	443.6	446.0	448.3	450.6	452.9	455.2	457.3
122.5°	397.6	396.3	394.9	393.4	396.3	399.2	401.9	404.7	407.5	410.2	412.9
125°	355.3	354.4	353.6	352.8	355.7	358.6	361.5	364.1	367.1	369.7	372.4
127.5°	326.5	326.1	325.9	325.5	327.6	329.5	331.5	333.4	335.3	337.0	339.0
130°	305.9	305.3	304.8	304.3	306.1	307.8	309.6	311.3	313.1	314.6	316.2
132.5°	292.0	291.3	290.8	290.2	291.3	292.6	293.9	294.9	296.2	297.1	298.1
135°	280.3	279.5	278.8	278.1	279.2	280.3	281.4	282.4	283.5	284.4	285.4
137.5°	270.2	269.3	268.7	267.9	268.9	269.9	270.9	271.8	272.7	273.6	274.4
140°	261.3	260.4	259.5	258.6	259.5	260.4	261.3	262.2	262.9	263.5	264.3
142.5°	252.7	251.5	250.6	249.3	250.0	250.6	251.2	251.7	252.3	252.7	253.2
145°	246.8	245.5	244.2	242.9	243.3	243.8	244.3	244.8	245.2	245.6	245.9
147.5°	241.1	239.9	238.7	237.4	237.8	238.1	238.5	238.7	239.1	239.3	239.6
150°	235.6	234.4	233.2	231.8	232.1	232.4	232.7	233.0	233.2	233.4	233.7
152.5°	229.8	228.6	227.4	226.1	226.3	226.6	226.8	227.0	227.3	227.5	227.6
155°	225.6	224.5	223.6	222.6	222.8	223.0	223.3	223.4	223.5	223.7	223.9
157.5°	223.6	222.7	222.0	221.1	221.2	221.2	221.3	221.2	221.4	221.4	221.4
160°	221.8	221.1	220.4	219.6	219.6	219.7	219.8	219.8	219.8	219.7	219.8
162.5°	220.6	219.8	219.0	218.3	218.3	218.3	218.4	218.3	218.4	218.4	218.3
165°	220.3	219.8	219.2	218.6	218.6	218.5	218.5	218.3	218.2	218.1	217.9
167.5°	220.6	220.0	219.5	218.9	218.9	218.9	218.9	218.9	219.1	219.0	219.0
170°	221.4	220.8	220.4	219.9	219.8	219.8	219.7	219.6	219.5	219.4	219.3
172.5°	222.1	221.6	221.2	220.6	220.6	220.5	220.5	220.4	220.3	220.2	220.2
175°	221.2	220.9	220.4	220.1	220.0	220.0	220.0	219.9	219.8	219.8	219.7
177.5°	222.1	221.9	221.6	221.4	221.3	221.3	221.3	221.2	221.2	221.2	221.2
180°	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4



TEST NUMBER: P1444572  
 CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	10412.0	10412.0
2.5°	10452.3	10451.7
5°	10491.1	10490.5
7.5°	10520.7	10520.5
10°	10524.2	10526.0
12.5°	10503.2	10504.7
15°	10441.9	10444.8
17.5°	10324.6	10328.4
20°	10122.7	10126.6
22.5°	9795.6	9797.2
25°	9320.1	9313.4
27.5°	8671.8	8660.2
30°	7847.7	7836.4
32.5°	6865.1	6858.1
35°	5759.1	5754.7
37.5°	4594.6	4585.6
40°	3464.1	3437.8
42.5°	2472.6	2426.4
45°	1708.8	1654.1
47.5°	1192.9	1159.1
50°	904.2	893.3
52.5°	736.8	734.3
55°	621.7	620.5
57.5°	535.1	534.8
60°	467.2	467.1
62.5°	416.5	416.7
65°	380.8	380.9
67.5°	349.4	349.2
70°	313.2	312.9
72.5°	288.1	287.7
75°	268.8	268.6
77.5°	241.3	241.0
80°	208.0	207.6
82.5°	171.1	170.5
85°	127.7	127.7
87.5°	78.1	78.1
90°	43.2	41.9
92.5°	22.3	20.9
95°	25.5	23.9
97.5°	31.6	30.2
100°	40.8	39.5
102.5°	70.4	66.1
105°	124.8	113.0
107.5°	216.0	194.1
110°	377.8	360.1



TEST NUMBER: P1444572  
CATALOG NUMBER: EHBR1-12-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	494.0	485.9
115°	515.2	512.3
117.5°	496.2	496.5
120°	459.5	461.8
122.5°	415.6	418.2
125°	375.0	377.7
127.5°	340.7	342.3
130°	317.6	319.1
132.5°	299.2	300.0
135°	286.1	286.9
137.5°	275.0	275.7
140°	264.8	265.5
142.5°	253.6	254.0
145°	246.3	246.5
147.5°	239.6	239.8
150°	233.8	233.9
152.5°	227.8	227.9
155°	223.9	224.0
157.5°	221.3	221.2
160°	219.7	219.7
162.5°	218.3	218.2
165°	217.7	217.6
167.5°	218.9	218.9
170°	219.2	219.1
172.5°	220.1	220.0
175°	219.7	219.7
177.5°	221.2	221.1
180°	222.4	222.4

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



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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-4

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L850-N

Data in this report applies to families of products including EHBR-60-L850-N

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2506-472-4  
 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-L850-N**  
 Description: Elevate Round Highbay at, 60000 lumens, 5000K 80CRI LEDs with N lens

**Spectral Parameters**

CCT (K): 4875  
 CIE u': 0.2124  
 CIE v': 0.4871  
 Duv: 0.0005  
 CIE x: 0.3488  
 CIE y: 0.3555  
 CIE z: 0.2957  
 Peak Wavelength (nm): 630  
 Dominant Wavelength (nm): 573  
 Purity: 11.33556  
 Rf: 80  
 Rg: 102.3

CRI (Ra):	82.3		
R1:	85.0	R9:	43.9
R2:	83.1	R10:	57.4
R3:	78.8	R11:	83.1
R4:	84.0	R12:	51.0
R5:	83.0	R13:	83.4
R6:	76.3	R14:	87.4
R7:	86.8	R15:	83.4
R8:	81.7		



**Test Conditions**

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

REPORT NUMBER: SP1-2506-472-4

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: SP1-2506-472-4

CIE 1931 Chromaticity Diagram



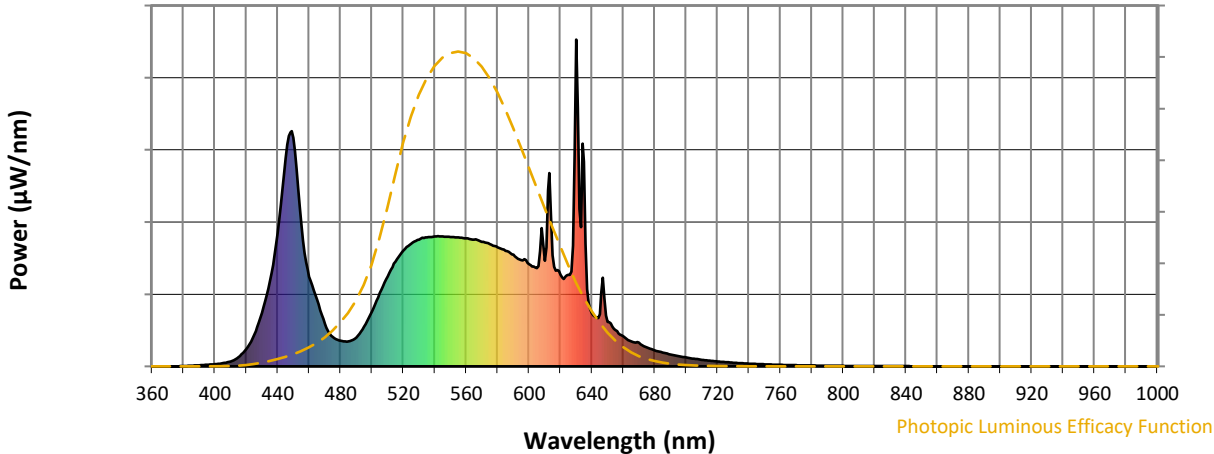
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-4

**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	89	NR	620	280	NR	750	6	NR	880	0	NR
365	0	NR	495	121	NR	625	280	NR	755	5	NR	885	0	NR
370	0	NR	500	168	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	224	NR	635	626	NR	765	4	NR	895	0	NR
380	1	NR	510	275	NR	640	163	NR	770	4	NR	900	0	NR
385	2	NR	515	321	NR	645	160	NR	775	3	NR	905	0	NR
390	3	NR	520	354	NR	650	136	NR	780	3	NR	910	0	NR
395	5	NR	525	375	NR	655	111	NR	785	2	NR	915	0	NR
400	7	NR	530	388	NR	660	93	NR	790	2	NR	920	0	NR
405	10	NR	535	395	NR	665	76	NR	795	2	NR	925	0	NR
410	15	NR	540	397	NR	670	72	NR	800	2	NR	930	0	NR
415	28	NR	545	398	NR	675	57	NR	805	1	NR	935	0	NR
420	53	NR	550	396	NR	680	49	NR	810	1	NR	940	0	NR
425	97	NR	555	395	NR	685	42	NR	815	1	NR	945	0	NR
430	163	NR	560	392	NR	690	37	NR	820	1	NR	950	0	NR
435	261	NR	565	388	NR	695	32	NR	825	1	NR	955	0	NR
440	409	NR	570	381	NR	700	27	NR	830	1	NR	960	0	NR
445	637	NR	575	374	NR	705	23	NR	835	1	NR	965	0	NR
450	699	NR	580	365	NR	710	20	NR	840	1	NR	970	0	NR
455	436	NR	585	354	NR	715	17	NR	845	0	NR	975	0	NR
460	274	NR	590	342	NR	720	15	NR	850	0	NR	980	0	NR
465	205	NR	595	325	NR	725	13	NR	855	0	NR	985	0	NR
470	130	NR	600	313	NR	730	11	NR	860	0	NR	990	0	NR
475	90	NR	605	301	NR	735	10	NR	865	0	NR	995	0	NR
480	78	NR	610	323	NR	740	8	NR	870	0	NR	1000	0	NR
485	77	NR	615	340	NR	745	7	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-4

**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.82**

$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)
360	0	NR	490	89	NR	620	280	NR	750	6	NR	880	0	NR
365	0	NR	495	121	NR	625	280	NR	755	5	NR	885	0	NR
370	0	NR	500	168	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	224	NR	635	626	NR	765	4	NR	895	0	NR
380	1	NR	510	275	NR	640	163	NR	770	4	NR	900	0	NR
385	2	NR	515	321	NR	645	160	NR	775	3	NR	905	0	NR
390	3	NR	520	354	NR	650	136	NR	780	3	NR	910	0	NR
395	5	NR	525	375	NR	655	111	NR	785	2	NR	915	0	NR
400	7	NR	530	388	NR	660	93	NR	790	2	NR	920	0	NR
405	10	NR	535	395	NR	665	76	NR	795	2	NR	925	0	NR
410	15	NR	540	397	NR	670	72	NR	800	2	NR	930	0	NR
415	28	NR	545	398	NR	675	57	NR	805	1	NR	935	0	NR
420	53	NR	550	396	NR	680	49	NR	810	1	NR	940	0	NR
425	97	NR	555	395	NR	685	42	NR	815	1	NR	945	0	NR
430	163	NR	560	392	NR	690	37	NR	820	1	NR	950	0	NR
435	261	NR	565	388	NR	695	32	NR	825	1	NR	955	0	NR
440	409	NR	570	381	NR	700	27	NR	830	1	NR	960	0	NR
445	637	NR	575	374	NR	705	23	NR	835	1	NR	965	0	NR
450	699	NR	580	365	NR	710	20	NR	840	1	NR	970	0	NR
455	436	NR	585	354	NR	715	17	NR	845	0	NR	975	0	NR
460	274	NR	590	342	NR	720	15	NR	850	0	NR	980	0	NR
465	205	NR	595	325	NR	725	13	NR	855	0	NR	985	0	NR
470	130	NR	600	313	NR	730	11	NR	860	0	NR	990	0	NR
475	90	NR	605	301	NR	735	10	NR	865	0	NR	995	0	NR
480	78	NR	610	323	NR	740	8	NR	870	0	NR	1000	0	NR
485	77	NR	615	340	NR	745	7	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-4

**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: NR**

**M/P: 3.71**

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	89	NR	620	280	NR	750	6	NR	880	0	NR
365	0	NR	495	121	NR	625	280	NR	755	5	NR	885	0	NR
370	0	NR	500	168	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	224	NR	635	626	NR	765	4	NR	895	0	NR
380	1	NR	510	275	NR	640	163	NR	770	4	NR	900	0	NR
385	2	NR	515	321	NR	645	160	NR	775	3	NR	905	0	NR
390	3	NR	520	354	NR	650	136	NR	780	3	NR	910	0	NR
395	5	NR	525	375	NR	655	111	NR	785	2	NR	915	0	NR
400	7	NR	530	388	NR	660	93	NR	790	2	NR	920	0	NR
405	10	NR	535	395	NR	665	76	NR	795	2	NR	925	0	NR
410	15	NR	540	397	NR	670	72	NR	800	2	NR	930	0	NR
415	28	NR	545	398	NR	675	57	NR	805	1	NR	935	0	NR
420	53	NR	550	396	NR	680	49	NR	810	1	NR	940	0	NR
425	97	NR	555	395	NR	685	42	NR	815	1	NR	945	0	NR
430	163	NR	560	392	NR	690	37	NR	820	1	NR	950	0	NR
435	261	NR	565	388	NR	695	32	NR	825	1	NR	955	0	NR
440	409	NR	570	381	NR	700	27	NR	830	1	NR	960	0	NR
445	637	NR	575	374	NR	705	23	NR	835	1	NR	965	0	NR
450	699	NR	580	365	NR	710	20	NR	840	1	NR	970	0	NR
455	436	NR	585	354	NR	715	17	NR	845	0	NR	975	0	NR
460	274	NR	590	342	NR	720	15	NR	850	0	NR	980	0	NR
465	205	NR	595	325	NR	725	13	NR	855	0	NR	985	0	NR
470	130	NR	600	313	NR	730	11	NR	860	0	NR	990	0	NR
475	90	NR	605	301	NR	735	10	NR	865	0	NR	995	0	NR
480	78	NR	610	323	NR	740	8	NR	870	0	NR	1000	0	NR
485	77	NR	615	340	NR	745	7	NR	875	0	NR			

**Summary**

$R_f = 80$   
 $R_g = 102.3$   
 $CIE R_a = 82.3$   
 $R_9 = 43.9$

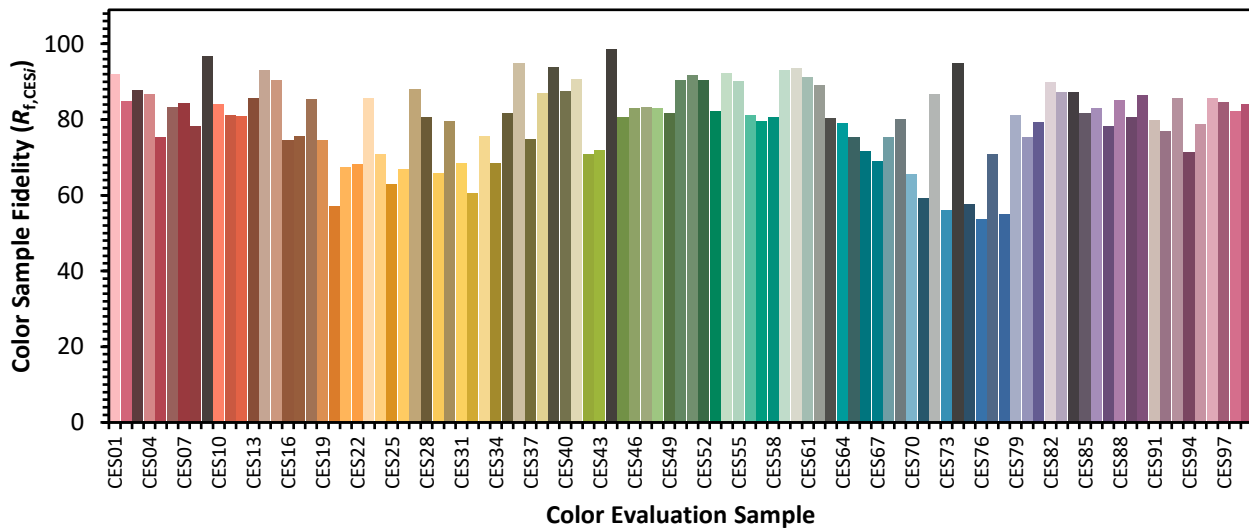


**Color Vector Graphics**

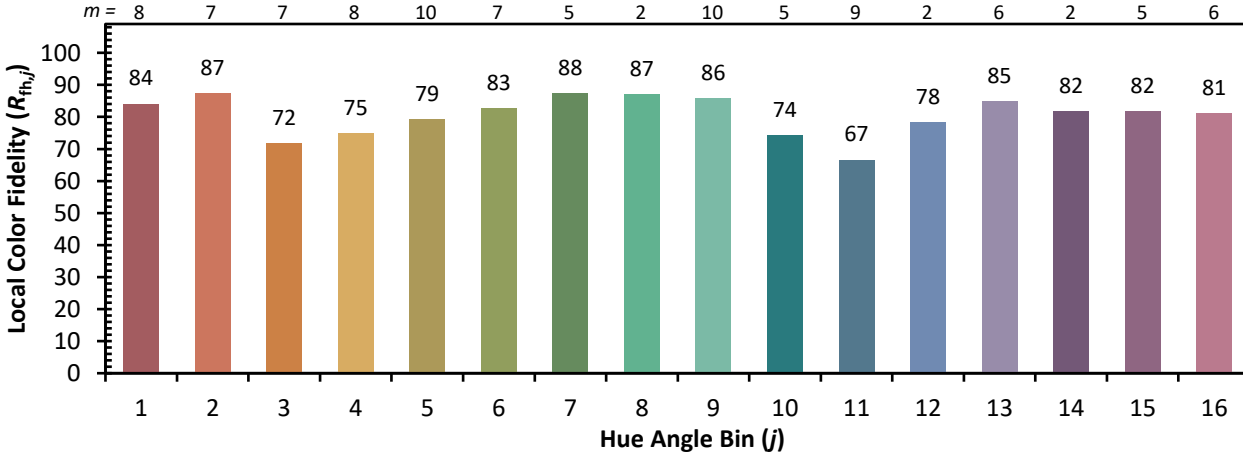


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

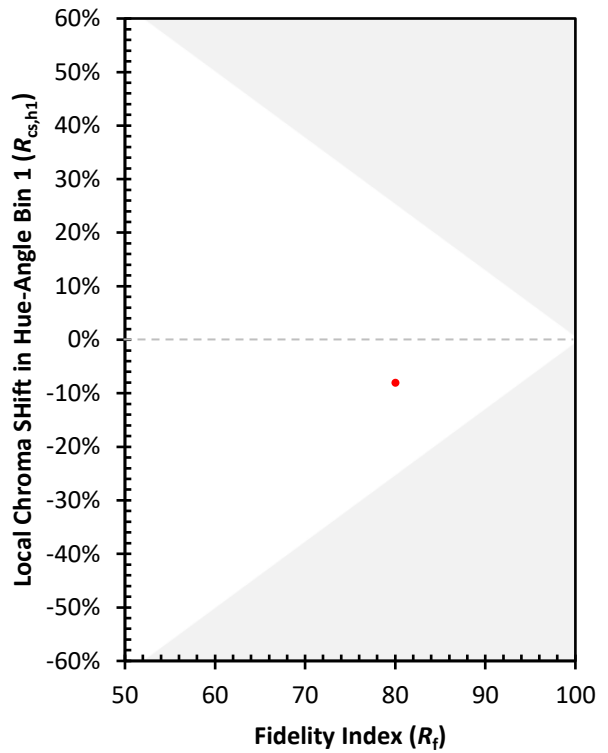
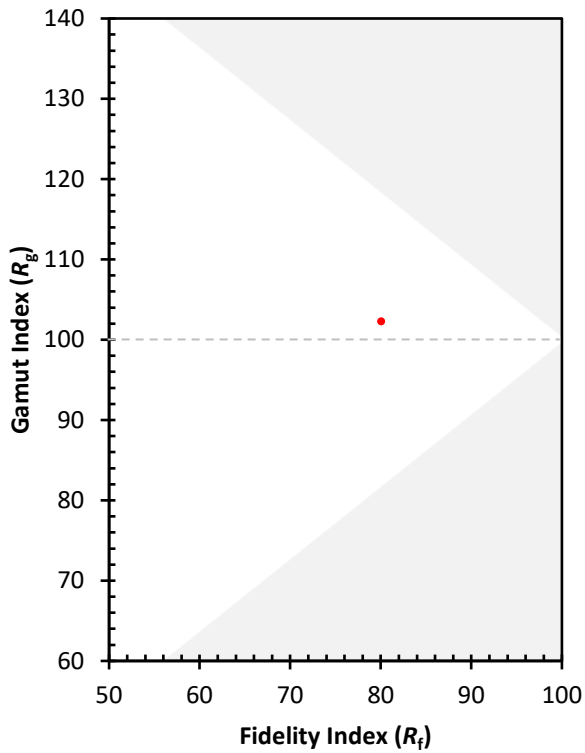
CES01 = 85	CES26 = 67	CES51 = 92	CES76 = 54
CES02 = 60	CES27 = 88	CES52 = 91	CES77 = 71
CES03 = 31	CES28 = 81	CES53 = 82	CES78 = 55
CES04 = 69	CES29 = 66	CES54 = 92	CES79 = 81
CES05 = 47	CES30 = 80	CES55 = 90	CES80 = 75
CES06 = 50	CES31 = 69	CES56 = 81	CES81 = 79
CES07 = 40	CES32 = 61	CES57 = 80	CES82 = 90
CES08 = 39	CES33 = 76	CES58 = 81	CES83 = 87
CES09 = 29	CES34 = 68	CES59 = 93	CES84 = 87
CES10 = 73	CES35 = 82	CES60 = 94	CES85 = 82
CES11 = 56	CES36 = 95	CES61 = 91	CES86 = 83
CES12 = 62	CES37 = 75	CES62 = 89	CES87 = 78
CES13 = 42	CES38 = 87	CES63 = 80	CES88 = 85
CES14 = 74	CES39 = 94	CES64 = 79	CES89 = 81
CES15 = 71	CES40 = 87	CES65 = 75	CES90 = 86
CES16 = 46	CES41 = 91	CES66 = 72	CES91 = 80
CES17 = 48	CES42 = 71	CES67 = 69	CES92 = 77
CES18 = 56	CES43 = 72	CES68 = 75	CES93 = 86
CES19 = 70	CES44 = 99	CES69 = 80	CES94 = 71
CES20 = 65	CES45 = 81	CES70 = 66	CES95 = 79
CES21 = 85	CES46 = 83	CES71 = 59	CES96 = 86
CES22 = 77	CES47 = 83	CES72 = 87	CES97 = 85
CES23 = 91	CES48 = 83	CES73 = 56	CES98 = 82
CES24 = 90	CES49 = 82	CES74 = 95	CES99 = 84
CES25 = 71	CES50 = 91	CES75 = 58	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)