

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: P1444624

Luminaire Tested: EHBR1-48-UNV-TA-L850-UPL40

Issue Date: 5/1/2026

**Test Information**

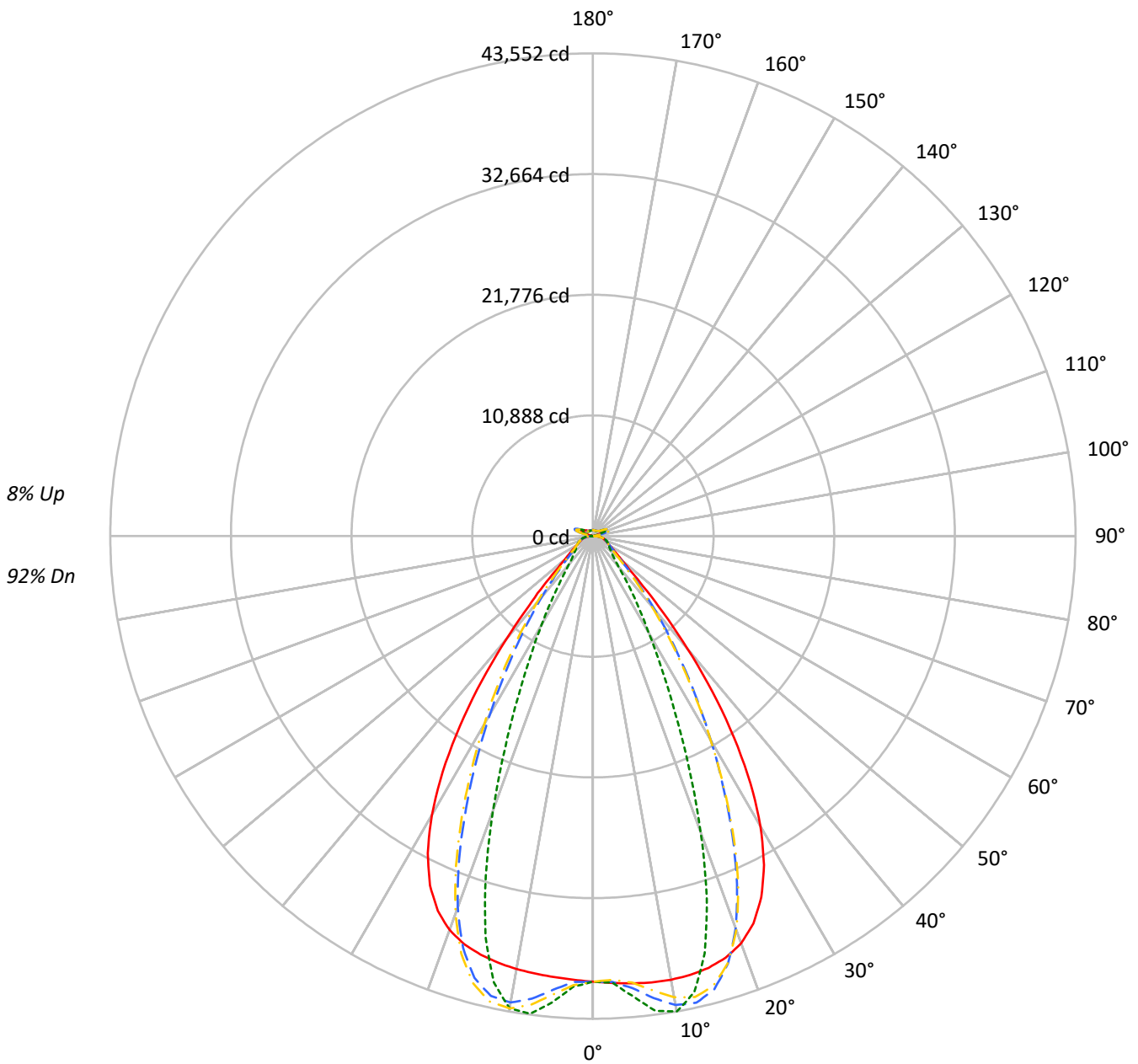
Test Method: LM-79-2019  
Report Number: P1444624  
REPORT IS A COMBINATION OF REPORTS P1444360 AND P1431635  
Test Lab: INNOVATION CENTER  
Issue Date: 5/1/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: EHBR1-48-UNV-TA-L850-UPL40  
Description: Elevate Round Highbay at, 48000 lumens, 5000K 80CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 50354.5 lumens  
Efficiency: N/A  
Efficacy: 174.1 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): 289.2  
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: P1444624  
CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

### Luminous Intensity Polar Plot



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



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

RF	20				20				20				20				20				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	117	117	117	117	113	113	113	113	107	107	107	100	100	100	95	95	95	95	95	95	92
1	110	106	103	101	107	103	101	98	98	96	94	93	91	89	88	87	85	85	85	85	83
2	103	97	92	88	100	95	90	87	90	86	83	86	83	80	82	80	78	78	78	78	75
3	97	89	83	79	94	87	82	77	83	79	75	80	76	73	76	73	71	71	71	71	69
4	91	82	76	71	88	80	74	70	77	72	68	74	70	66	71	68	65	65	65	65	63
5	86	76	69	64	83	75	68	64	72	66	62	69	65	61	67	63	60	60	60	60	58
6	81	71	64	59	79	69	63	58	67	61	57	65	60	56	63	58	55	55	55	55	54
7	76	66	59	54	74	65	58	54	63	57	53	61	56	52	59	55	51	51	51	51	50
8	72	62	55	50	70	61	54	50	59	53	49	57	52	49	55	51	48	48	48	48	46
9	68	58	51	47	67	57	51	47	55	50	46	54	49	45	52	48	45	45	45	45	43
10	65	54	48	44	63	54	48	43	52	47	43	51	46	42	50	45	42	42	42	42	40

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

	0°	90°	180°	270°
0°	188793	188793	188793	188793
5°	189707	195239	187053	197797
10°	191291	204986	186703	203630
15°	192229	185818	186377	178337
20°	190242	138428	184016	128079
25°	180071	87548	174120	79434
30°	157306	52610	151213	48081
35°	121064	33013	114100	29243
40°	76584	20708	70068	19459
45°	39473	16133	38819	15868
50°	23143	14350	22433	14126
55°	17730	13576	17074	13454
60°	15002	13868	14362	13689
65°	14091	14483	13551	13990
70°	13766	15166	13080	14595
75°	14720	16084	13923	15373
80°	15230	17809	13810	16258
85°	14344	17184	11592	14714

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 25°  
 Vertical Angle: 45°  
 Luminance: 60408 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	3962.0	7.9
10°-20°	11145.6	22.1
20°-30°	12693.9	25.2
30°-40°	9123.8	18.1
40°-50°	4207.9	8.4
50°-60°	2013.6	4.0
60°-70°	1469.3	2.9
70°-80°	1116.2	2.2
80°-90°	514.5	1.0
90°-100°	116.7	0.2
100°-110°	676.1	1.3
110°-120°	1249.1	2.5
120°-130°	762.9	1.5
130°-140°	488.7	1.0
140°-150°	361.1	0.7
150°-160°	250.8	0.5
160°-170°	150.8	0.3
170°-180°	51.5	0.1
0°-30°	27801.5	55.2
0°-40°	36925.3	73.3
0°-60°	43146.9	85.7
0°-90°	46246.8	91.8
90°-120°	2041.9	4.1
90°-150°	3654.6	7.3
90°-180°	4108.0	8.2
0°-180°	50354.5	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	40202	40202	40202	40202	40202	
5°	40506	41687	39939	42233	40506	3871
15°	40329	38984	39101	37414	40329	11363
25°	35960	17483	34772	15863	35960	16302
35°	22220	6059	20941	5367	22220	13637
45°	6386	2610	6281	2567	6386	5432
55°	2396	1835	2307	1818	2396	2212
65°	1471	1512	1414	1460	1471	1469
75°	1037	1133	981	1083	1037	1078
85°	493	591	398	506	493	463
90°	139	175	44	53	139	86
95°	53	60	54	60	53	51
105°	243	314	163	314	243	322
115°	1089	1321	1141	1322	1089	1005
125°	817	858	925	860	817	744
135°	640	569	690	574	640	500
145°	567	552	604	558	567	358
155°	528	531	563	536	528	246
165°	525	525	545	528	525	149
175°	537	542	546	543	537	51
180°	544	544	544	544	544	



TEST NUMBER: P1444624  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40355.8	40352.5	40351.9	40349.2	40348.4	40348.4	40347.0	40343.7	40341.7	40337.1	40331.9
5°	40505.5	40503.8	40504.8	40505.1	40502.3	40496.0	40486.2	40474.1	40458.9	40444.6	40431.8
7.5°	40621.3	40624.2	40627.7	40626.9	40618.2	40603.5	40583.3	40572.0	40578.7	40600.6	40650.7
10°	40642.5	40659.7	40666.4	40664.4	40646.8	40634.1	40639.0	40681.7	40766.4	40879.5	41034.2
12.5°	40560.0	40581.3	40580.5	40573.5	40556.5	40573.8	40635.5	40762.3	40944.0	41167.1	41428.7
15°	40328.7	40356.1	40348.4	40339.2	40327.9	40384.7	40507.9	40728.1	41008.8	41323.4	41645.4
17.5°	39879.4	39912.5	39896.4	39886.2	39876.7	39983.1	40194.7	40517.1	40870.7	41226.5	41531.7
20°	39100.3	39122.5	39084.2	39066.1	39081.3	39289.8	39601.6	40013.4	40386.1	40722.5	40931.1
22.5°	37828.5	37856.1	37784.1	37775.8	37864.7	38184.8	38579.4	39039.8	39389.9	39656.5	39736.9
25°	35960.1	35987.3	35901.8	35952.9	36103.9	36540.1	37010.0	37502.4	37801.1	37998.8	37944.1
27.5°	33438.3	33463.1	33381.9	33486.3	33725.2	34298.1	34851.2	35385.4	35651.6	35790.0	35614.7
30°	30257.7	30309.1	30213.3	30358.9	30723.5	31467.4	32101.1	32700.1	32965.6	33070.9	32797.9
32.5°	26480.2	26553.2	26447.7	26664.2	27173.0	28066.6	28786.5	29455.7	29749.4	29869.6	29561.4
35°	22219.5	22324.3	22203.2	22528.4	23155.7	24150.9	24948.0	25695.2	26043.0	26213.5	25902.8
37.5°	17705.6	17805.6	17739.9	18173.7	18862.7	19894.2	20707.8	21513.9	21906.6	22162.5	21917.5
40°	13273.9	13365.4	13415.0	13911.0	14558.9	15531.2	16312.6	17110.2	17549.6	17870.7	17719.6
42.5°	9368.8	9461.0	9629.7	10108.2	10648.6	11453.4	12122.8	12838.9	13258.5	13601.1	13542.9
45°	6386.5	6493.6	6704.8	7096.8	7487.5	8064.9	8556.4	9113.4	9456.2	9770.0	9773.7
47.5°	4475.4	4550.6	4739.4	5007.0	5261.8	5984.5	6014.2	6287.9	6518.3	6752.9	6783.2
50°	3449.1	3494.4	3594.5	3743.7	3888.0	4075.6	4247.4	4445.7	4587.5	4716.1	4746.8
52.5°	2835.0	2863.6	2914.6	2995.4	3079.1	3181.2	3273.1	3382.0	3459.2	3528.0	3542.5
55°	2396.0	2419.8	2495.7	2511.0	2606.8	2625.2	2666.1	2732.4	2777.3	2818.5	2828.8
57.5°	2064.7	2082.0	2098.1	2132.5	2162.1	2204.9	2239.5	2287.0	2315.3	2345.2	2347.7
60°	1803.5	1815.9	1827.4	1851.3	1871.3	1901.2	1925.0	1957.3	1977.6	1999.9	2002.5
62.5°	1609.0	1617.9	1625.6	1641.3	1655.6	1678.6	1697.5	1724.5	1743.3	1760.6	1764.6
65°	1470.8	1477.2	1482.2	1494.1	1506.6	1526.2	1543.3	1565.4	1579.2	1592.5	1595.3
67.5°	1348.3	1354.5	1359.6	1370.5	1379.1	1393.7	1405.1	1421.7	1432.2	1442.7	1443.0
70°	1207.9	1213.7	1217.5	1227.7	1234.7	1247.2	1256.4	1271.4	1282.1	1293.9	1296.8
72.5°	1110.8	1114.2	1119.4	1128.6	1138.4	1151.7	1164.1	1179.6	1192.6	1204.8	1210.0
75°	1036.9	1040.9	1044.3	1052.2	1058.9	1070.2	1079.4	1093.6	1105.0	1118.0	1124.4
77.5°	930.2	934.8	937.8	945.6	951.4	962.3	969.2	981.9	991.1	1003.0	1008.8
80°	801.2	805.6	807.7	815.2	819.8	829.7	836.4	848.7	856.4	868.3	875.3
82.5°	658.4	662.5	663.7	670.8	673.4	681.5	686.4	698.9	708.4	723.9	734.6
85°	493.0	494.5	496.9	495.1	505.1	505.7	517.0	519.1	534.0	537.9	554.9
87.5°	301.5	305.9	308.1	315.0	318.0	324.8	326.9	334.2	338.2	346.5	350.5
90°	139.1	146.8	149.8	158.8	161.7	169.6	172.2	181.1	184.2	193.3	198.0
92.5°	46.9	49.9	52.8	56.4	59.4	63.4	66.9	70.3	73.5	77.3	83.6
95°	53.4	57.0	60.5	64.0	67.6	71.0	74.6	78.1	81.6	85.2	95.3
97.5°	67.0	70.0	73.1	76.1	79.2	82.3	85.4	88.4	91.5	94.3	106.6
100°	87.0	89.6	92.2	94.8	97.3	100.0	102.5	105.1	107.8	110.3	133.0
102.5°	143.8	152.9	162.2	171.3	180.4	189.6	198.8	207.9	217.1	226.2	274.4
105°	243.1	267.9	293.0	317.7	342.6	367.6	392.5	417.1	442.0	466.9	545.5
107.5°	414.8	460.8	506.9	553.0	599.1	645.0	691.0	737.1	783.0	828.7	908.5
110°	765.3	802.1	839.3	876.3	913.2	950.4	987.4	1024.1	1061.3	1098.1	1156.3



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**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	1031.6	1048.2	1065.0	1081.8	1098.5	1115.1	1131.8	1148.4	1165.3	1181.7	1223.2
115°	1088.9	1094.7	1100.7	1106.3	1112.3	1118.0	1123.8	1129.5	1135.4	1140.9	1169.1
117.5°	1058.3	1057.2	1056.1	1055.1	1053.8	1052.7	1051.5	1050.2	1048.9	1047.6	1063.4
120°	988.1	982.8	977.8	972.3	967.2	961.7	956.5	951.1	945.6	940.0	946.9
122.5°	899.3	893.0	887.1	880.5	874.3	867.7	861.6	854.6	848.4	841.8	844.3
125°	817.3	811.0	805.0	798.5	791.8	785.3	778.8	772.2	765.6	758.7	760.0
127.5°	746.3	742.0	737.5	732.8	728.2	723.3	718.5	713.5	708.8	703.6	703.9
130°	701.1	697.1	693.1	688.8	684.6	680.0	675.6	671.0	666.7	661.9	662.4
132.5°	664.3	661.6	658.7	655.6	652.4	648.8	645.7	641.8	638.6	635.1	635.6
135°	640.3	637.6	635.1	632.1	629.1	625.8	622.6	619.1	616.0	612.5	613.4
137.5°	620.1	617.7	615.3	612.5	609.8	606.5	603.6	600.5	597.4	594.1	595.0
140°	601.6	599.6	597.2	594.6	592.2	589.4	586.5	583.7	580.7	577.7	578.9
142.5°	580.7	578.9	577.2	575.0	573.2	570.6	568.4	565.8	563.5	561.0	562.6
145°	567.4	565.9	564.5	562.6	560.8	558.6	556.7	554.3	552.4	550.2	551.9
147.5°	555.7	554.4	553.3	551.9	550.5	548.5	546.8	545.0	543.3	541.4	543.3
150°	545.5	544.4	543.3	542.0	540.4	538.8	537.1	535.5	533.8	532.0	533.8
152.5°	534.5	533.3	532.3	531.0	529.6	527.8	526.6	524.8	523.3	521.6	523.2
155°	528.5	527.3	526.0	524.9	523.5	522.0	520.4	519.0	517.6	515.9	517.2
157.5°	525.1	524.0	523.2	521.9	521.0	519.7	518.5	517.4	516.2	515.0	515.8
160°	524.2	523.3	522.3	521.2	520.1	518.7	517.8	516.6	515.7	514.4	515.1
162.5°	523.8	522.7	521.6	520.5	519.5	518.3	517.3	516.3	515.2	514.0	514.9
165°	525.0	524.4	523.8	523.0	522.2	521.5	520.7	519.8	519.1	518.2	518.7
167.5°	530.5	529.6	528.9	528.0	526.9	526.1	525.0	524.1	523.4	522.3	522.9
170°	532.9	532.1	531.7	531.2	530.6	530.0	529.5	529.0	528.4	527.8	528.4
172.5°	536.1	535.5	535.2	534.9	534.4	534.1	533.6	533.2	532.9	532.3	533.1
175°	536.6	536.1	536.0	535.7	535.4	535.1	534.9	534.7	534.7	534.3	534.7
177.5°	540.4	540.2	540.2	540.1	540.1	539.9	539.8	539.5	539.3	539.3	539.7
180°	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5



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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40327.9	40323.0	40316.3	40307.8	40300.5	40292.1	40271.9	40266.0	40272.6	40277.2	40286.4
5°	40423.7	40426.6	40427.6	40445.9	40461.7	40501.2	40810.5	40933.4	41028.5	41088.9	41180.5
7.5°	40712.7	40805.6	40897.6	41021.2	41127.9	41272.0	41813.1	42043.5	42207.2	42324.9	42469.7
10°	41202.3	41405.2	41595.5	41818.3	42010.0	42229.4	42733.1	42957.6	43099.2	43202.4	43298.6
12.5°	41695.5	41976.9	42231.2	42479.3	42686.7	42876.9	43054.1	43132.6	43139.3	43142.6	43091.5
15°	41952.3	42221.4	42445.4	42609.5	42731.4	42785.3	42480.3	42320.3	42118.1	41951.5	41677.5
17.5°	41790.2	41951.5	42048.4	42038.9	41988.5	41819.8	40956.0	40480.8	40009.1	39584.1	39026.6
20°	41069.5	41057.1	40972.9	40734.4	40447.0	40000.0	38519.0	37664.5	36838.4	36112.8	35232.5
22.5°	39728.6	39517.8	39223.6	38709.2	38137.8	37357.0	35234.6	33977.7	32827.6	31811.6	30673.4
25°	37786.0	37351.9	36809.4	35992.9	35105.0	33966.0	31350.2	29786.7	28405.9	27208.2	25895.0
27.5°	35299.7	34645.9	33850.9	32720.8	31517.8	30058.7	27158.5	25433.2	23950.8	22666.8	21269.1
30°	32356.2	31505.9	30479.3	29076.6	27625.6	25970.8	23029.3	21281.8	19781.3	18460.4	17061.6
32.5°	29029.8	28033.8	26830.8	25256.6	23687.4	21985.8	19145.2	17453.6	16020.3	14749.5	13483.5
35°	25360.9	24292.9	23020.2	21414.5	19854.7	18200.3	15593.9	14068.6	12802.9	11679.7	10657.4
37.5°	21425.4	20376.8	19167.1	17653.7	16207.3	14708.2	12459.2	11181.1	10118.9	9186.7	8397.3
40°	17333.5	16415.8	15369.2	14060.9	12826.5	11578.0	9731.8	8717.3	7879.2	7168.1	6576.6
42.5°	13291.8	12580.6	11778.0	10744.2	9799.5	8849.0	7428.0	6676.3	6055.5	5543.6	5125.4
45°	9643.6	9167.9	8629.6	7910.9	7257.2	6594.1	5582.8	5054.6	4650.3	4320.3	4041.2
47.5°	6741.4	6465.5	6448.7	5784.4	5305.1	4899.7	4248.2	3914.5	3666.7	3466.8	3290.0
50°	4734.3	4600.8	4435.0	4197.9	3975.5	3746.3	3349.4	3147.6	3002.5	2881.4	2769.6
52.5°	3539.2	3469.9	3381.6	3255.9	3135.2	3006.4	2755.2	2626.8	2581.1	2468.4	2379.9
55°	2826.9	2787.1	2736.8	2663.0	2589.7	2560.3	2345.0	2249.6	2189.3	2144.8	2097.3
57.5°	2348.1	2318.5	2288.7	2238.6	2196.2	2144.8	2030.5	1981.6	1945.7	1919.5	1886.6
60°	2003.0	1985.2	1968.5	1939.1	1916.2	1888.5	1815.9	1788.3	1769.6	1753.9	1732.8
62.5°	1767.8	1758.8	1750.1	1734.4	1722.8	1707.8	1658.2	1644.9	1635.5	1627.6	1614.8
65°	1598.1	1591.6	1586.8	1576.4	1570.6	1561.7	1519.2	1510.3	1504.4	1501.6	1494.1
67.5°	1443.9	1437.1	1433.9	1426.5	1424.1	1418.6	1383.7	1378.8	1376.9	1377.7	1375.1
70°	1299.7	1296.8	1298.4	1297.1	1300.4	1301.4	1280.3	1280.2	1282.4	1286.9	1287.3
72.5°	1213.2	1213.2	1214.9	1215.7	1218.8	1220.3	1202.7	1201.8	1202.8	1206.1	1206.2
75°	1131.0	1132.4	1136.8	1138.4	1142.0	1142.8	1119.5	1116.9	1117.0	1120.1	1119.1
77.5°	1017.1	1022.1	1030.6	1035.0	1042.2	1043.6	1017.4	1014.4	1014.5	1017.6	1015.0
80°	888.0	897.4	911.0	920.3	931.4	935.8	909.0	902.6	896.6	895.7	890.4
82.5°	750.8	762.2	778.5	787.0	798.8	801.4	756.6	748.1	743.0	743.5	738.6
85°	573.2	581.8	596.5	601.4	608.6	608.0	556.8	534.9	540.7	531.6	538.8
87.5°	359.5	364.6	373.9	375.0	378.5	377.7	326.1	316.0	313.1	313.2	309.4
90°	208.4	213.9	224.1	226.1	233.5	234.9	195.2	192.4	187.0	187.2	180.3
92.5°	90.3	96.5	102.9	109.2	115.7	122.2	123.9	128.8	122.6	115.7	109.7
95°	105.7	116.0	126.3	136.7	147.0	157.4	167.8	178.1	168.5	158.7	149.1
97.5°	118.8	131.0	143.1	155.4	167.6	179.9	192.0	204.3	194.0	183.3	173.0
100°	155.9	178.7	201.3	224.2	246.8	269.6	292.5	315.3	295.3	275.0	255.0
102.5°	322.6	371.1	419.4	467.7	516.0	564.5	613.0	661.5	615.5	569.3	523.3
105°	623.7	702.2	780.6	858.7	937.1	1015.6	1094.4	1172.7	1099.3	1025.7	952.2
107.5°	987.9	1067.5	1146.8	1226.2	1305.7	1385.2	1465.4	1544.9	1473.1	1401.2	1329.5
110°	1214.4	1272.1	1330.2	1388.2	1446.0	1504.0	1562.9	1621.0	1577.8	1534.6	1491.6



TEST NUMBER: P1444624  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	1264.5	1306.1	1347.6	1388.7	1430.0	1471.6	1514.3	1555.9	1534.1	1512.3	1490.8
115°	1196.7	1224.9	1252.6	1280.4	1308.3	1336.1	1365.5	1393.9	1386.7	1379.7	1372.7
117.5°	1078.8	1094.4	1110.0	1125.5	1140.8	1156.3	1174.0	1189.8	1190.8	1191.9	1193.1
120°	953.2	959.9	966.3	972.8	979.0	985.4	994.4	1001.3	1007.0	1012.5	1018.2
122.5°	846.6	849.1	851.2	853.7	856.0	858.2	863.4	866.5	870.2	874.1	878.0
125°	761.1	762.1	763.1	764.3	765.0	766.2	770.6	772.2	772.3	772.3	772.4
127.5°	703.9	704.0	704.0	704.1	703.8	704.0	707.5	708.2	705.7	703.0	700.4
130°	662.8	663.1	663.5	664.0	664.5	664.8	669.0	670.4	665.9	661.2	656.7
132.5°	636.1	636.8	637.2	638.1	638.7	639.2	643.9	645.5	640.3	634.9	629.7
135°	614.0	615.0	615.7	616.5	617.3	618.3	623.6	625.4	620.6	615.4	610.4
137.5°	595.5	596.4	597.2	598.3	599.0	600.0	605.8	607.8	603.9	599.6	595.8
140°	579.8	580.9	582.0	583.3	584.3	585.7	592.0	594.4	591.2	588.0	584.7
142.5°	563.8	565.7	567.4	569.2	570.8	572.8	580.0	583.0	580.7	578.1	575.8
145°	553.6	555.8	557.6	559.9	561.9	564.2	572.3	575.8	574.3	572.7	571.0
147.5°	544.5	546.4	548.3	550.2	552.0	554.5	562.9	566.4	565.6	564.3	563.4
150°	535.3	537.3	539.1	541.1	543.4	545.7	555.1	558.9	558.1	557.2	556.4
152.5°	524.7	526.4	528.1	529.9	531.8	533.9	545.2	549.2	548.6	547.5	546.9
155°	518.3	519.6	520.8	522.4	523.7	525.5	537.4	541.4	540.9	540.4	539.9
157.5°	516.6	517.3	518.1	519.1	520.2	521.2	533.6	537.6	537.0	536.6	536.1
160°	515.6	516.3	516.8	517.7	518.3	519.0	531.8	535.4	535.1	534.6	534.1
162.5°	515.7	516.9	517.6	518.5	519.4	520.6	533.4	537.6	536.8	536.1	535.4
165°	519.2	519.6	520.1	520.7	521.2	521.9	533.8	537.2	536.9	536.3	535.8
167.5°	523.4	524.0	524.4	525.2	525.8	526.7	537.8	541.1	540.8	540.2	539.9
170°	528.7	529.3	529.6	530.3	530.9	531.7	540.9	543.7	543.4	542.5	542.0
172.5°	533.6	534.4	534.9	535.6	536.2	537.1	545.0	547.6	547.2	546.6	546.0
175°	535.1	535.5	536.1	536.9	537.4	538.0	544.2	546.0	545.9	545.6	545.3
177.5°	540.2	540.4	540.8	541.3	541.8	542.2	546.0	547.2	547.0	547.0	546.9
180°	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5



TEST NUMBER: P1444624  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40288.4	40302.6	40304.7	40321.3	40319.9	40339.5	40336.5	40352.5	40343.2	40356.4	40345.2
5°	41234.7	41320.5	41365.4	41449.1	41475.6	41550.6	41571.8	41640.2	41643.0	41697.2	41684.9
7.5°	42572.5	42699.1	42774.1	42877.6	42930.1	43016.4	43054.3	43118.2	43138.7	43189.4	43193.2
10°	43371.4	43432.8	43475.7	43504.6	43531.0	43543.4	43557.9	43553.9	43557.9	43552.2	43564.5
12.5°	43057.2	42967.5	42908.2	42795.9	42730.8	42606.6	42545.7	42426.4	42383.1	42280.5	42265.8
15°	41465.8	41153.2	40932.4	40611.2	40409.3	40093.3	39908.4	39623.3	39493.1	39266.5	39207.1
17.5°	38565.2	37985.0	37535.9	36959.9	36560.2	36021.8	35683.3	35237.7	34993.7	34634.3	34509.9
20°	34498.7	33640.2	32966.6	32164.2	31590.1	30874.6	30416.5	29838.9	29503.5	29062.2	28883.2
22.5°	29724.4	28655.6	27814.4	26866.5	26173.7	25376.4	24827.7	24202.7	23837.7	23358.3	23145.9
25°	24803.6	23625.0	22689.7	21691.0	20959.0	20159.8	19610.9	18996.9	18619.4	18164.2	17953.2
27.5°	20097.4	18904.2	18000.4	17071.9	16400.4	15679.2	15184.0	14647.9	14312.8	13924.3	13725.8
30°	15944.1	14891.8	14122.7	13352.1	12793.5	12207.9	11796.3	11352.0	11058.0	10725.3	10536.3
32.5°	12560.5	11748.1	11145.8	10534.3	10077.2	9587.7	9232.1	8840.1	8574.8	8277.7	8106.4
35°	9947.7	9316.4	8836.1	8332.8	7940.1	7523.2	7209.8	6871.4	6633.3	6377.5	6229.7
37.5°	7859.7	7357.8	6962.5	6544.4	6221.9	5876.5	5760.1	5371.8	5125.1	4921.0	4779.6
40°	6168.3	5769.2	5442.1	5122.4	4859.3	4597.4	4387.2	4179.7	4020.5	3874.4	3773.4
42.5°	4817.0	4527.8	4288.9	4054.7	3862.8	3672.0	3519.7	3376.8	3269.5	3174.0	3108.9
45°	3829.3	3630.4	3464.4	3299.5	3164.0	3036.6	2934.2	2842.9	2773.7	2716.3	2675.6
47.5°	3145.8	3009.7	2892.6	2781.3	2689.4	2605.9	2537.2	2514.8	2440.4	2390.2	2371.1
50°	2673.6	2591.3	2502.4	2420.2	2358.8	2297.7	2253.2	2209.5	2181.7	2158.7	2151.6
52.5°	2321.0	2258.2	2208.7	2156.7	2116.1	2072.7	2042.0	2012.9	1997.6	1985.5	1984.0
55°	2059.0	2014.9	1982.2	1947.4	1923.1	1897.6	1881.7	1866.3	1859.6	1853.5	1854.0
57.5°	1860.6	1831.3	1809.9	1787.4	1774.2	1762.0	1758.0	1754.2	1756.2	1757.1	1760.5
60°	1716.1	1697.1	1683.6	1670.7	1665.2	1661.3	1664.3	1667.7	1674.7	1680.4	1685.4
62.5°	1605.4	1594.5	1588.0	1581.0	1580.4	1580.7	1586.7	1592.5	1601.2	1607.8	1612.7
65°	1491.4	1485.2	1483.0	1478.6	1480.9	1482.2	1489.3	1493.8	1502.6	1507.8	1514.1
67.5°	1376.3	1374.8	1376.1	1376.1	1380.1	1383.5	1390.4	1395.5	1402.9	1407.7	1412.8
70°	1291.2	1291.8	1294.9	1295.5	1299.8	1302.2	1308.2	1311.4	1318.1	1322.1	1328.2
72.5°	1208.5	1207.1	1207.9	1205.9	1207.4	1206.8	1210.2	1211.7	1217.4	1220.6	1228.0
75°	1120.4	1116.8	1115.8	1111.8	1111.9	1109.1	1110.5	1110.3	1114.0	1115.5	1120.9
77.5°	1014.0	1007.8	1004.8	998.1	998.0	995.4	998.1	999.8	1006.3	1009.4	1015.6
80°	886.8	877.0	872.6	864.8	866.1	865.7	872.2	877.2	885.1	886.7	894.4
82.5°	737.1	727.1	722.4	714.7	716.5	716.7	722.7	723.6	730.6	733.7	742.6
85°	527.8	531.6	521.0	521.8	519.5	523.8	527.8	532.8	538.6	548.3	555.8
87.5°	310.8	309.4	313.2	313.6	319.0	321.8	330.4	335.3	345.1	352.6	366.4
90°	178.8	171.9	173.1	169.5	172.9	169.5	172.9	169.1	173.4	172.5	178.5
92.5°	102.5	96.4	89.3	83.0	76.1	70.1	66.5	63.9	60.4	58.0	54.2
95°	139.5	129.8	120.1	110.5	100.9	91.3	87.7	84.2	80.6	77.1	73.7
97.5°	162.7	152.3	141.9	131.4	121.0	110.7	108.3	106.0	103.6	101.3	98.9
100°	234.9	214.8	194.9	174.7	154.8	134.8	132.9	131.0	129.2	127.3	125.3
102.5°	477.4	431.4	385.5	339.6	293.7	247.6	239.7	231.6	223.7	215.6	207.7
105°	878.5	805.0	731.5	657.9	584.6	511.1	489.2	467.1	445.2	423.3	401.5
107.5°	1257.7	1186.0	1114.4	1042.7	971.1	899.4	864.7	830.1	795.3	760.7	726.2
110°	1448.1	1405.0	1362.0	1318.8	1275.9	1232.9	1199.7	1166.8	1133.5	1100.5	1067.5



TEST NUMBER: P1444624  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	1469.1	1447.4	1425.7	1404.2	1382.8	1361.0	1344.9	1328.7	1312.7	1296.5	1280.2
115°	1365.6	1358.7	1351.7	1344.8	1338.2	1331.2	1329.9	1328.8	1327.5	1326.4	1325.3
117.5°	1194.1	1195.2	1196.2	1197.6	1198.8	1200.0	1208.6	1216.9	1225.6	1234.3	1243.1
120°	1023.8	1029.6	1035.1	1040.9	1046.6	1052.5	1063.7	1075.3	1086.7	1098.5	1110.3
122.5°	881.7	885.7	889.4	893.4	897.4	901.4	912.4	923.8	935.1	946.6	958.4
125°	772.1	772.1	772.1	771.9	771.9	772.2	781.2	790.4	799.9	809.5	818.9
127.5°	697.6	694.7	691.9	689.4	686.4	684.0	689.2	694.6	699.9	705.6	711.1
130°	651.9	647.2	642.3	637.8	632.9	628.4	630.2	632.3	634.3	636.4	638.7
132.5°	624.2	618.9	613.4	607.9	602.5	597.1	596.7	596.4	596.1	596.1	596.1
135°	605.2	600.3	594.9	589.7	584.4	579.3	577.9	576.2	574.8	573.5	572.3
137.5°	591.6	587.4	583.2	579.2	574.7	570.7	568.4	566.7	564.5	563.0	561.1
140°	581.3	578.1	574.5	571.2	567.8	564.5	562.6	561.1	559.3	557.9	556.4
142.5°	573.1	570.6	568.1	565.6	562.9	560.5	558.7	557.1	555.6	554.2	552.6
145°	569.3	567.7	565.9	564.2	562.5	560.9	559.3	558.1	556.9	555.7	554.8
147.5°	562.4	561.2	560.1	558.9	557.6	556.6	555.5	554.9	553.7	553.1	552.2
150°	555.3	554.2	553.1	552.3	551.0	550.1	549.4	548.9	548.2	547.9	547.3
152.5°	545.7	544.9	543.9	543.1	541.9	540.9	540.4	540.1	539.6	539.3	538.6
155°	539.2	538.6	537.8	537.2	536.3	535.8	535.1	534.4	533.8	533.2	532.5
157.5°	535.5	534.9	534.2	533.8	532.9	532.3	531.7	531.1	530.3	529.8	529.2
160°	533.5	533.1	532.3	531.7	531.1	530.5	529.5	528.9	527.9	527.3	526.2
162.5°	534.6	533.8	533.0	532.2	531.2	530.5	529.8	529.3	528.6	528.0	527.3
165°	535.2	534.7	534.1	533.5	533.0	532.4	531.5	530.7	529.8	529.2	528.2
167.5°	539.3	538.9	538.3	537.8	537.1	536.5	535.8	534.9	534.2	533.3	532.3
170°	541.4	540.5	540.1	539.3	538.6	537.8	537.1	536.2	535.4	534.9	533.9
172.5°	545.5	545.1	544.4	543.9	543.0	542.5	542.0	541.3	540.6	540.0	539.5
175°	545.2	545.0	544.9	544.4	544.3	544.0	543.7	543.5	543.2	543.1	542.6
177.5°	546.9	546.7	546.7	546.4	546.3	546.3	546.0	545.7	545.4	545.0	544.7
180°	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5



TEST NUMBER: P1444624  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40356.8	40346.6	40351.5	40332.6	40337.1	40314.3	40312.1	40286.4	40283.8	40259.6	40250.4
5°	41723.3	41700.8	41726.1	41686.6	41694.4	41643.0	41638.7	41572.2	41549.3	41466.1	41430.2
7.5°	43225.0	43216.5	43231.9	43198.9	43197.9	43152.0	43133.0	43073.5	43036.5	42949.2	42893.4
10°	43553.9	43561.7	43549.0	43552.2	43534.3	43529.4	43511.0	43499.4	43469.5	43446.9	43413.5
12.5°	42187.9	42196.0	42143.9	42177.0	42150.8	42211.8	42206.9	42278.7	42289.7	42380.6	42415.1
15°	39030.5	39020.7	38920.7	38983.7	38949.9	39083.7	39113.6	39293.6	39389.9	39621.0	39762.9
17.5°	34260.9	34235.2	34094.3	34171.0	34132.0	34329.3	34395.5	34683.3	34862.8	35235.2	35500.5
20°	28575.3	28526.0	28361.2	28451.0	28410.8	28634.9	28729.4	29077.2	29308.8	29801.9	30152.8
22.5°	22819.0	22741.1	22579.7	22663.6	22625.6	22857.8	22980.7	23329.8	23595.0	24101.3	24510.9
25°	17650.0	17580.5	17424.5	17483.3	17469.1	17665.5	17774.8	18105.1	18365.7	18847.9	19238.9
27.5°	13462.0	13389.8	13248.9	13290.4	13276.1	13443.5	13546.5	13822.3	14046.6	14452.6	14795.9
30°	10303.2	10216.1	10096.5	10119.5	10109.7	10245.3	10341.5	10573.8	10766.1	11109.2	11404.9
32.5°	7897.4	7809.8	7700.0	7710.8	7696.3	7802.6	7881.9	8084.0	8251.4	8543.2	8800.6
35°	6042.6	6144.9	5910.5	6059.0	5904.4	6131.4	6049.8	6176.0	6320.1	6565.8	6780.6
37.5°	4645.3	4574.0	4513.7	4507.2	4506.9	4559.5	4621.6	4743.2	4870.1	5053.3	5242.5
40°	3681.2	3631.1	3592.1	3589.2	3592.1	3629.5	3675.4	3759.4	3852.4	3983.9	4122.9
42.5°	3053.2	3019.9	2996.4	2994.8	3002.2	3028.8	3060.7	3110.6	3171.1	3256.3	3351.6
45°	2642.5	2624.1	2611.0	2610.2	2613.6	2627.5	2645.9	2677.0	2715.3	2768.5	2828.8
47.5°	2354.4	2349.9	2341.8	2342.0	2338.3	2344.0	2346.1	2363.5	2383.9	2424.0	2502.8
50°	2144.6	2144.6	2138.9	2138.6	2133.3	2133.0	2128.5	2135.4	2144.9	2169.8	2195.0
52.5°	1978.8	1978.2	1972.1	1970.9	1965.2	1964.9	1961.0	1963.8	1965.0	1977.6	1992.7
55°	1849.1	1845.3	1837.3	1834.7	1832.4	1835.8	1834.3	1834.4	1832.7	1838.0	1842.5
57.5°	1756.2	1751.1	1743.5	1741.3	1740.7	1744.5	1744.7	1743.3	1736.4	1731.7	1724.9
60°	1682.5	1677.5	1669.3	1667.2	1668.4	1673.8	1673.5	1669.0	1658.6	1649.5	1638.9
62.5°	1610.3	1608.3	1604.1	1603.5	1602.4	1603.4	1599.6	1594.8	1584.5	1574.9	1563.4
65°	1513.3	1514.4	1511.2	1511.7	1508.0	1507.4	1501.7	1497.1	1486.7	1477.8	1466.1
67.5°	1412.6	1413.4	1410.8	1410.8	1408.9	1409.2	1405.7	1401.4	1392.7	1385.5	1376.4
70°	1329.6	1331.7	1330.2	1330.7	1328.2	1327.4	1322.0	1317.8	1308.8	1302.8	1294.6
72.5°	1230.2	1234.7	1234.5	1235.6	1232.1	1230.2	1223.8	1218.6	1210.5	1205.6	1199.1
75°	1122.9	1128.7	1130.4	1133.0	1127.9	1125.2	1118.2	1114.0	1107.3	1104.5	1100.2
77.5°	1018.2	1024.6	1030.7	1036.4	1028.2	1020.9	1012.1	1005.5	995.8	992.2	985.4
80°	900.7	911.9	925.5	936.9	922.2	907.2	892.8	882.1	869.4	864.2	855.9
82.5°	747.2	758.8	766.6	773.8	763.6	752.7	738.7	729.3	715.6	710.6	700.9
85°	567.7	582.1	586.7	590.6	584.1	578.3	565.1	547.4	538.8	525.2	518.3
87.5°	373.4	382.0	383.7	385.0	381.0	378.2	369.6	361.3	346.5	335.8	322.7
90°	176.1	179.9	174.6	174.7	171.5	173.9	167.3	166.3	156.1	153.4	144.6
92.5°	51.5	48.0	45.1	41.9	45.7	48.1	51.8	54.2	57.9	60.4	63.9
95°	70.1	66.6	63.1	59.5	62.4	65.1	68.0	70.8	73.6	76.4	79.3
97.5°	96.6	94.2	91.8	89.5	91.2	92.8	94.4	96.1	97.7	99.4	101.2
100°	123.5	121.6	119.7	117.9	117.9	117.9	117.9	117.9	117.9	117.9	117.9
102.5°	199.6	191.6	183.6	175.6	181.0	186.4	191.8	197.2	202.7	208.1	213.7
105°	379.6	357.6	335.8	313.9	335.1	356.3	377.4	398.6	419.7	441.2	462.4
107.5°	691.4	656.8	622.3	587.7	626.5	665.0	703.6	742.2	780.7	819.3	858.2
110°	1034.6	1001.7	968.8	935.9	976.9	1017.7	1058.7	1099.6	1140.6	1181.5	1222.7



TEST NUMBER: P1444624  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	1264.2	1248.3	1232.3	1216.3	1242.6	1268.9	1295.2	1321.9	1348.3	1374.8	1401.1
115°	1324.2	1323.2	1322.3	1321.4	1333.8	1346.3	1358.8	1371.5	1383.9	1396.4	1409.2
117.5°	1251.7	1260.5	1269.4	1278.3	1282.4	1286.4	1290.5	1294.5	1298.9	1303.0	1307.2
120°	1122.1	1133.6	1145.6	1157.6	1155.9	1154.3	1152.8	1151.1	1150.0	1148.4	1147.5
122.5°	970.1	981.8	993.8	1005.7	1002.1	998.6	995.1	991.8	988.7	985.4	982.4
125°	828.8	838.6	848.5	858.5	855.0	851.4	848.0	845.0	841.7	838.5	835.6
127.5°	717.2	723.3	729.0	735.3	733.7	732.0	730.9	729.3	728.2	727.1	726.2
130°	641.1	643.7	646.6	649.2	649.7	650.2	651.1	651.8	652.9	653.8	655.1
132.5°	596.6	596.8	597.4	598.0	599.9	601.7	604.1	606.3	608.9	611.2	614.4
135°	571.4	570.6	569.8	569.3	572.2	574.8	578.0	581.1	584.7	588.3	591.9
137.5°	559.8	558.4	557.3	556.1	558.9	561.7	564.8	568.0	571.4	574.9	578.9
140°	555.2	554.0	553.2	552.1	555.0	557.6	560.7	563.8	567.4	570.9	574.5
142.5°	551.5	550.3	549.5	548.7	551.0	553.6	556.6	559.3	562.6	565.6	569.0
145°	553.7	552.8	552.2	551.5	553.2	555.1	557.2	559.4	561.8	563.9	566.8
147.5°	551.6	551.1	550.8	550.3	551.6	553.0	554.5	555.9	557.8	559.5	561.5
150°	547.2	546.7	546.5	546.4	547.3	548.0	549.2	549.9	551.2	552.2	553.8
152.5°	538.6	538.0	538.2	537.9	538.6	539.3	540.3	541.0	542.1	543.0	544.5
155°	532.2	531.7	531.2	530.8	531.0	531.2	531.6	531.8	532.4	532.8	533.3
157.5°	528.9	528.3	528.0	527.4	527.3	527.1	527.2	527.2	527.4	527.2	527.4
160°	525.7	524.8	524.0	523.4	523.6	523.5	523.8	523.7	523.9	524.1	524.4
162.5°	526.8	526.2	525.8	525.2	524.9	524.2	523.9	523.4	523.1	522.8	522.7
165°	527.3	526.5	525.8	524.8	524.7	524.6	524.3	524.1	524.1	523.8	523.8
167.5°	531.7	530.8	530.0	529.3	528.8	527.9	527.5	526.9	526.3	525.8	525.6
170°	533.3	532.5	531.9	531.3	531.0	530.5	530.4	529.9	529.8	529.6	529.6
172.5°	538.8	538.2	537.6	537.1	536.8	536.5	536.3	536.2	535.9	535.9	535.7
175°	542.4	542.1	542.0	541.7	541.3	541.0	540.7	540.5	540.3	539.9	539.7
177.5°	544.2	543.9	543.6	543.4	543.2	543.2	543.2	543.2	543.2	543.1	542.9
180°	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5



TEST NUMBER: P1444624  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40224.4	40213.8	40186.0	40172.2	40146.5	40133.5	40113.4	40100.4	40084.2	40072.1	40065.9
5°	41338.9	41287.4	41184.4	41120.9	41009.6	40936.3	40825.8	40744.7	40630.6	40546.4	40438.5
7.5°	42788.8	42710.0	42577.9	42477.7	42322.1	42203.0	42028.3	41888.5	41695.5	41535.1	41337.8
10°	43379.2	43333.1	43273.9	43209.4	43123.2	43038.6	42919.3	42797.7	42635.6	42474.3	42263.7
12.5°	42506.7	42550.0	42635.6	42675.5	42740.9	42763.1	42793.1	42779.0	42752.5	42686.7	42591.2
15°	40035.6	40216.6	40502.7	40700.6	40977.8	41172.6	41430.2	41596.1	41787.0	41901.2	42009.6
17.5°	35970.7	36320.9	36825.7	37228.5	37769.1	38208.7	38747.3	39170.4	39659.0	40033.8	40432.8
20°	30764.3	31254.6	31951.5	32543.3	33326.7	33991.1	34842.1	35555.0	36386.7	37080.0	37828.2
22.5°	25160.8	25737.6	26536.0	27249.9	28185.4	29020.9	30087.3	31030.0	32154.3	33161.5	34275.6
25°	19874.4	20439.7	21253.2	21992.2	23002.1	23922.6	25087.6	26169.1	27473.7	28690.5	30087.3
27.5°	15341.2	15843.3	16558.3	17223.6	18148.6	19052.2	20234.4	21387.6	22779.8	24087.4	25592.7
30°	11847.8	12255.1	12828.0	13363.1	14105.7	14844.8	15897.8	16964.3	18349.6	19704.6	21247.9
32.5°	9181.7	9528.9	10007.2	10441.6	11013.8	11571.0	12346.6	13198.8	14414.0	15711.8	17204.0
35°	7107.6	7404.7	7811.8	8186.0	8656.5	9098.9	9677.6	10285.9	11213.3	12305.0	13640.4
37.5°	5666.6	5787.7	6078.2	6384.8	6775.7	7139.2	7591.8	8041.6	8705.1	9566.5	10657.4
40°	4309.4	4501.7	4738.1	4979.7	5275.6	5567.2	6063.8	6302.9	6739.7	7358.1	8204.8
42.5°	3477.1	3612.3	3778.8	3946.7	4152.9	4356.0	4607.2	4863.1	5189.6	5608.4	6210.7
45°	2909.7	2997.9	3105.2	3217.1	3352.5	3491.1	3659.3	3834.9	4056.2	4313.7	4679.5
47.5°	2530.6	2579.4	2649.4	2725.8	2818.6	2914.6	3023.9	3135.9	3273.4	3426.1	3634.4
50°	2234.8	2275.4	2329.9	2380.9	2445.0	2543.3	2586.7	2648.5	2731.2	2821.1	2937.6
52.5°	2020.6	2047.8	2081.9	2111.2	2151.8	2188.6	2236.8	2279.5	2336.6	2390.6	2465.8
55°	1854.0	1863.8	1883.1	1902.1	1930.1	1955.2	1988.3	2016.2	2052.7	2085.0	2132.4
57.5°	1725.2	1726.1	1735.0	1744.8	1762.9	1778.7	1801.5	1819.8	1845.1	1865.7	1894.1
60°	1632.6	1627.7	1629.5	1632.9	1643.2	1653.4	1668.0	1679.9	1695.8	1707.5	1723.4
62.5°	1555.6	1547.9	1546.1	1545.2	1550.3	1554.0	1561.9	1567.7	1576.9	1581.9	1590.4
65°	1458.4	1449.3	1445.7	1441.5	1443.0	1441.8	1444.8	1444.9	1449.5	1450.6	1455.5
67.5°	1370.2	1362.5	1357.9	1352.3	1349.7	1345.7	1344.0	1340.0	1339.4	1336.2	1335.4
70°	1289.7	1282.3	1278.3	1273.1	1270.5	1265.1	1261.8	1255.3	1251.4	1245.3	1241.9
72.5°	1196.6	1192.4	1191.2	1187.7	1186.7	1183.7	1182.4	1177.8	1175.1	1169.9	1166.9
75°	1099.3	1095.8	1095.5	1092.0	1091.7	1088.1	1087.2	1082.3	1079.7	1074.5	1072.4
77.5°	983.4	978.3	976.8	972.7	973.6	971.9	973.3	969.6	968.0	962.8	961.2
80°	852.8	846.3	843.6	838.1	839.6	837.1	839.6	839.3	841.2	837.1	836.3
82.5°	698.2	691.0	689.7	685.8	688.4	688.7	694.2	691.2	692.4	688.5	690.1
85°	508.0	502.7	495.3	494.2	489.5	494.4	488.0	492.3	485.2	490.2	483.7
87.5°	315.0	303.9	298.1	290.3	287.2	279.7	276.5	271.0	272.7	270.1	271.6
90°	143.9	136.2	137.0	132.2	134.3	130.4	134.1	132.2	136.5	134.6	139.3
92.5°	66.5	69.5	75.1	81.1	86.5	92.1	97.7	103.7	109.1	115.0	120.4
95°	82.0	84.9	92.4	99.9	107.5	115.0	122.6	130.2	137.7	145.2	152.7
97.5°	102.8	104.5	112.1	119.5	127.1	134.7	142.1	150.0	157.6	165.0	172.6
100°	117.9	118.0	139.4	160.8	182.1	203.7	225.1	246.6	268.2	289.6	311.0
102.5°	219.1	224.5	278.7	332.8	386.9	441.0	495.3	549.6	603.7	658.0	712.3
105°	483.6	504.8	587.3	670.1	752.6	835.3	918.0	1000.9	1083.6	1166.4	1249.0
107.5°	896.7	935.4	1010.2	1084.8	1159.4	1234.2	1309.0	1383.7	1458.4	1533.2	1608.3
110°	1263.6	1304.8	1354.8	1404.9	1455.0	1505.0	1555.2	1605.3	1655.7	1705.8	1756.3



TEST NUMBER: P1444624  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	1427.5	1454.2	1483.3	1512.7	1542.0	1571.3	1600.5	1629.9	1659.5	1688.9	1718.3
115°	1421.9	1434.7	1446.0	1457.6	1469.0	1480.6	1492.1	1503.9	1515.8	1527.3	1539.1
117.5°	1311.4	1316.1	1317.7	1319.8	1321.7	1323.9	1326.0	1328.2	1330.5	1332.9	1334.8
120°	1146.1	1144.8	1143.1	1141.5	1139.7	1138.3	1136.8	1135.3	1134.0	1132.7	1131.2
122.5°	979.2	976.5	974.7	973.2	971.8	970.5	969.2	968.2	967.0	965.8	964.4
125°	832.7	830.0	832.0	833.9	835.9	838.1	839.9	842.5	844.7	846.8	849.2
127.5°	725.1	724.5	729.1	733.9	738.6	743.4	748.2	753.2	757.9	763.1	767.8
130°	656.5	658.0	663.8	670.0	675.9	682.1	688.2	694.6	700.5	706.7	712.7
132.5°	617.0	620.2	625.6	631.7	637.4	643.4	649.4	655.4	661.3	667.5	673.1
135°	595.8	599.9	605.1	610.5	615.9	621.5	626.8	632.5	637.7	643.2	648.5
137.5°	582.5	586.5	590.9	595.3	599.5	604.2	608.7	613.2	617.5	622.0	626.2
140°	578.3	582.3	584.8	587.7	590.3	593.0	595.6	598.4	600.8	603.8	606.2
142.5°	572.4	576.1	577.6	579.4	581.3	583.5	585.2	587.1	588.8	590.4	592.0
145°	569.2	572.1	572.4	573.0	573.5	573.9	574.2	574.8	575.0	575.4	575.6
147.5°	563.5	565.6	565.4	565.6	565.6	565.5	565.5	565.6	565.2	565.3	565.2
150°	555.0	556.6	555.9	555.7	555.0	554.7	554.0	553.8	553.1	552.8	552.1
152.5°	545.5	546.8	545.9	545.6	544.7	544.1	543.3	542.8	542.0	541.4	540.8
155°	533.7	534.3	533.8	533.5	533.1	532.7	532.2	532.2	531.9	531.6	531.4
157.5°	527.5	527.6	527.4	527.1	526.7	526.6	526.4	526.2	526.2	526.4	526.5
160°	524.4	524.8	524.4	524.1	523.9	523.7	523.5	523.5	523.5	523.8	523.8
162.5°	522.2	522.1	521.7	521.4	521.2	521.2	521.0	521.3	521.2	521.4	521.6
165°	524.0	524.2	523.5	523.3	522.9	522.5	522.2	522.0	522.1	522.0	522.0
167.5°	525.1	524.9	524.9	525.1	525.1	525.2	525.4	526.0	526.1	526.7	526.9
170°	529.5	529.6	529.3	529.2	529.0	529.0	528.8	528.8	528.9	528.9	528.8
172.5°	535.7	535.7	535.2	534.8	534.4	534.1	533.6	533.4	533.0	532.6	532.1
175°	539.3	539.1	538.9	538.6	538.4	537.9	537.7	537.1	536.9	536.6	536.4
177.5°	542.8	542.5	542.3	542.3	542.2	542.0	542.0	541.9	541.9	541.9	541.6
180°	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5



TEST NUMBER: P1444624  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40057.8	40057.4	40053.5	40055.3	40056.0	40058.9	40062.3	40065.9	40066.6	40069.4	40070.0
5°	40357.6	40258.5	40185.2	40104.6	40044.0	39989.4	39953.1	39924.2	39913.0	39915.9	39922.5
7.5°	41170.5	40965.9	40797.2	40605.2	40445.2	40275.8	40135.3	40001.8	39904.5	39832.0	39791.4
10°	42062.5	41813.4	41575.0	41297.3	41033.9	40752.8	40498.1	40241.7	40027.8	39842.2	39705.9
12.5°	42458.4	42282.3	42076.3	41814.1	41532.3	41207.9	40880.3	40529.1	40202.5	39899.3	39654.8
15°	42039.3	42039.6	41964.5	41838.8	41643.0	41383.7	41071.6	40705.5	40320.2	39927.0	39567.7
17.5°	40708.8	40959.8	41099.4	41187.8	41160.7	41065.1	40866.5	40585.4	40226.2	39807.3	39369.0
20°	38424.0	39016.0	39438.2	39817.8	40030.6	40171.9	40157.8	40043.4	39787.6	39431.4	38974.9
22.5°	35223.2	36217.0	37001.3	37732.5	38245.3	38662.5	38860.8	38945.0	38829.1	38581.0	38152.3
25°	31335.7	32686.9	33840.0	34959.1	35798.5	36519.9	36953.5	37259.0	37283.3	37153.6	36771.2
27.5°	27015.9	28610.9	30070.3	31557.6	32738.1	33775.2	34455.7	34953.7	35111.9	35091.1	34743.8
30°	22701.6	24376.0	25984.7	27719.0	29179.8	30504.8	31403.6	32077.3	32336.8	32386.6	32052.5
32.5°	18627.2	20278.4	21882.6	23695.7	25303.2	26821.8	27883.8	28683.9	28985.8	29056.9	28690.5
35°	14929.6	16452.9	17977.4	19734.6	21332.8	22905.4	24024.4	24862.1	25144.0	25191.5	24767.3
37.5°	11722.9	13020.8	14349.2	15925.9	17393.6	18870.5	19933.7	20720.9	20926.3	20913.6	20433.5
40°	9022.9	10031.9	11099.4	12397.3	13617.6	14866.0	15763.9	16414.7	16522.5	16442.7	15938.4
42.5°	6784.8	7513.4	8287.4	9256.3	10161.7	11096.0	11749.2	12232.4	12247.7	12121.4	11668.8
45°	5054.6	5765.6	6090.1	6676.0	7259.1	7880.4	8279.3	8577.7	8531.6	8420.4	8076.4
47.5°	3853.3	4126.6	4416.3	4779.6	5119.2	5824.3	5772.1	6251.3	5906.1	6141.5	5623.3
50°	3059.9	3212.6	3368.7	3561.5	3739.0	3923.3	4038.4	4124.5	4113.3	4076.4	3977.1
52.5°	2603.2	2650.5	2727.3	2837.0	2936.0	3035.7	3101.3	3154.7	3155.7	3140.8	3090.5
55°	2175.7	2235.7	2291.0	2362.6	2484.7	2503.4	2597.4	2578.4	2585.7	2559.7	2586.4
57.5°	1918.3	1953.2	1984.3	2026.9	2062.2	2103.4	2127.6	2151.0	2148.8	2143.7	2118.1
60°	1735.9	1755.1	1772.4	1797.3	1816.7	1839.9	1851.1	1863.0	1859.2	1850.5	1827.7
62.5°	1595.3	1607.3	1617.2	1633.2	1645.0	1659.5	1665.4	1670.4	1665.4	1657.1	1637.0
65°	1456.5	1464.3	1470.6	1482.7	1491.0	1503.4	1508.3	1513.0	1508.4	1502.0	1486.7
67.5°	1331.4	1332.2	1331.6	1336.5	1339.0	1346.5	1348.7	1352.1	1346.8	1341.2	1328.2
70°	1236.5	1234.5	1232.2	1234.1	1234.5	1238.2	1238.8	1238.2	1231.8	1222.2	1208.0
72.5°	1162.3	1161.2	1159.5	1161.2	1161.2	1164.4	1163.3	1161.7	1153.8	1144.6	1130.6
75°	1067.0	1066.2	1062.6	1062.7	1059.8	1060.9	1056.9	1054.8	1045.9	1038.2	1025.7
77.5°	955.4	953.6	948.4	946.4	940.7	938.4	931.1	927.5	918.5	912.2	901.5
80°	830.8	828.8	822.2	818.4	809.5	803.8	793.1	787.0	776.7	770.6	760.2
82.5°	686.7	687.5	680.7	676.1	663.3	653.5	639.2	631.4	620.1	614.1	603.4
85°	488.4	481.4	485.1	484.9	476.8	468.3	456.7	448.5	439.0	433.3	425.7
87.5°	267.9	269.5	267.6	266.0	260.3	256.0	246.8	242.1	235.2	231.7	226.0
90°	129.3	126.1	116.5	113.5	103.9	98.5	87.9	83.5	73.7	71.3	65.2
92.5°	114.0	107.8	101.7	95.0	89.0	82.6	76.2	69.9	63.6	61.1	59.3
95°	143.6	134.6	125.4	116.2	107.1	97.8	88.8	79.6	70.4	68.6	66.7
97.5°	161.9	151.1	140.3	129.7	118.8	108.0	97.2	86.4	75.6	74.5	73.3
100°	286.1	261.4	236.5	211.6	186.7	161.8	137.1	112.2	87.4	86.0	84.6
102.5°	651.8	591.5	531.2	471.0	410.8	350.4	290.1	229.6	169.3	160.6	152.0
105°	1157.7	1066.3	975.3	883.9	792.6	701.2	610.0	518.4	427.2	397.9	368.6
107.5°	1522.5	1436.6	1350.9	1265.2	1179.3	1093.7	1007.7	921.8	835.9	784.3	732.7
110°	1688.1	1620.1	1552.2	1484.0	1416.1	1347.9	1279.7	1211.6	1143.5	1099.0	1054.8



TEST NUMBER: P1444624  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	1668.6	1618.7	1569.2	1519.2	1469.4	1419.4	1369.7	1319.6	1269.6	1242.7	1215.7
115°	1509.4	1479.3	1449.5	1419.5	1389.5	1359.6	1329.6	1299.3	1269.1	1255.1	1240.8
117.5°	1319.9	1304.6	1289.5	1274.3	1259.1	1243.7	1228.4	1213.0	1197.6	1192.8	1187.9
120°	1127.2	1122.6	1118.0	1113.5	1109.0	1104.5	1099.9	1095.1	1090.3	1091.1	1091.9
122.5°	966.7	968.5	970.7	972.4	974.5	976.2	978.3	979.8	981.7	985.6	989.5
125°	853.9	858.5	863.2	867.8	872.3	876.9	881.6	885.9	890.6	894.4	898.6
127.5°	773.3	778.4	783.8	788.8	794.1	799.2	804.4	809.2	814.4	818.0	822.0
130°	717.6	721.9	726.7	731.0	735.6	740.0	744.6	749.1	753.6	756.6	759.6
132.5°	677.2	681.4	685.5	689.4	693.7	697.6	701.7	705.8	710.1	712.3	714.6
135°	651.8	654.7	657.9	660.9	664.3	667.2	670.4	673.6	677.0	678.5	680.3
137.5°	628.8	631.3	634.1	636.5	639.3	641.8	644.7	647.3	650.4	651.1	652.3
140°	608.9	611.6	614.2	617.0	619.8	622.5	625.6	628.5	631.6	632.5	633.6
142.5°	594.3	596.2	598.4	600.5	602.8	604.9	607.3	609.9	612.5	613.4	614.4
145°	578.2	580.5	583.1	585.5	588.0	590.6	593.7	596.4	599.5	600.1	601.0
147.5°	567.2	569.2	571.5	573.7	576.0	578.2	580.8	583.4	586.0	586.7	587.4
150°	554.5	556.7	558.8	561.1	563.6	566.2	568.8	571.5	574.7	575.7	576.6
152.5°	543.2	545.5	547.9	550.6	553.3	556.1	558.9	561.9	564.9	565.8	566.8
155°	533.9	536.0	538.7	541.2	544.1	546.5	549.5	552.2	555.2	556.4	557.3
157.5°	528.8	530.7	533.0	535.4	537.8	540.3	542.9	545.3	548.0	548.9	549.8
160°	525.8	527.7	529.8	532.0	534.2	536.3	538.6	540.7	543.0	544.0	544.9
162.5°	523.6	525.7	527.8	529.6	532.0	534.1	536.3	538.5	540.7	541.4	542.3
165°	523.6	525.0	526.7	528.1	529.8	531.1	533.0	534.5	536.3	537.0	538.2
167.5°	528.4	529.3	530.4	531.6	533.1	534.3	535.6	536.8	538.3	539.1	540.0
170°	529.9	530.9	531.9	533.0	534.3	535.3	536.5	537.5	539.0	539.6	540.4
172.5°	532.9	533.4	534.3	534.9	535.6	536.3	537.1	538.0	538.8	539.7	540.4
175°	536.9	537.2	537.6	537.9	538.2	538.7	539.2	539.8	540.1	540.7	541.3
177.5°	541.8	542.1	542.3	542.5	543.1	543.3	543.6	543.9	544.3	545.0	545.8
180°	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5



TEST NUMBER: P1444624  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40068.7	40068.2	40066.9	40065.1	40063.3	40064.4	40066.2	40070.8	40078.8	40090.4	40105.6
5°	39928.0	39936.2	39940.8	39941.4	39937.3	39934.7	39938.7	39949.7	39971.9	40009.1	40059.5
7.5°	39780.5	39790.6	39806.1	39817.8	39820.0	39817.1	39817.8	39835.0	39876.1	39948.6	40050.3
10°	39623.1	39593.1	39608.9	39637.8	39660.8	39664.9	39667.7	39688.2	39748.1	39857.7	40021.2
12.5°	39477.7	39382.9	39364.5	39390.6	39425.5	39436.6	39433.6	39442.3	39512.5	39657.6	39885.4
15°	39286.3	39107.9	39047.0	39053.7	39096.8	39112.3	39101.0	39083.7	39152.0	39329.3	39624.1
17.5°	38976.7	38689.2	38577.1	38572.2	38622.6	38636.0	38608.3	38554.6	38622.0	38843.0	39209.1
20°	38506.0	38081.6	37870.6	37837.1	37891.8	37875.8	37820.6	37739.4	37827.9	38096.8	38532.1
22.5°	37659.9	37122.1	36761.6	36645.4	36710.8	36667.2	36586.5	36483.0	36600.6	36906.0	37390.8
25°	36277.2	35655.8	35162.3	34885.5	34937.7	34859.4	34771.7	34646.2	34786.4	35137.0	35670.7
27.5°	34245.0	33527.1	32915.7	32457.3	32474.1	32371.7	32270.6	32108.2	32283.3	32698.3	33300.2
30°	31542.5	30711.8	29967.2	29344.4	29288.7	29189.3	29085.8	28872.7	29091.7	29588.5	30291.9
32.5°	28148.8	27226.4	26366.0	25578.5	25430.0	25333.1	25240.8	24995.5	25282.4	25861.5	26669.6
35°	24179.8	23197.4	22264.5	21365.1	21119.0	21022.0	20941.4	20706.4	21064.4	21694.6	22567.4
37.5°	19823.4	18819.8	17893.6	16971.3	16623.6	16492.0	16433.4	16279.5	16692.4	17315.8	18192.2
40°	15351.0	14417.9	13587.6	12773.0	12376.5	12175.2	12144.5	12116.5	12515.7	13056.5	13852.0
42.5°	11167.2	10414.4	9774.2	9151.5	8792.3	8517.4	8517.2	8600.7	8960.0	9365.1	9978.6
45°	7724.7	7219.6	6811.6	6395.6	6506.7	5958.7	6280.7	6115.5	6293.1	6554.3	6953.2
47.5°	5310.0	5034.2	4810.1	4577.7	4408.3	4246.5	4260.6	4365.0	4532.2	4687.2	4894.8
50°	3870.1	3729.6	3615.5	3494.8	3410.5	3339.1	3343.3	3388.5	3476.3	3558.0	3666.6
52.5°	3032.5	2955.0	2893.0	2826.3	2782.0	2746.5	2748.5	2770.4	2818.0	2864.5	2926.8
55°	2499.5	2490.2	2409.5	2349.6	2326.8	2303.1	2307.4	2315.9	2348.3	2375.5	2416.8
57.5°	2094.5	2058.4	2034.2	2002.7	1988.1	1971.5	1975.3	1978.5	2000.1	2018.4	2048.1
60°	1808.7	1783.0	1765.8	1744.4	1734.9	1724.3	1726.6	1728.6	1742.5	1754.4	1775.7
62.5°	1618.7	1595.7	1580.8	1564.3	1557.6	1550.4	1552.1	1552.7	1561.3	1570.1	1586.2
65°	1472.9	1454.8	1442.4	1428.1	1421.1	1413.7	1414.4	1414.4	1421.7	1428.1	1440.2
67.5°	1318.9	1305.2	1297.1	1285.8	1281.1	1273.4	1273.3	1270.9	1275.7	1278.2	1286.4
70°	1195.2	1181.4	1171.1	1160.2	1154.3	1147.6	1147.7	1147.9	1153.4	1159.2	1169.8
72.5°	1118.8	1105.6	1096.4	1086.9	1081.3	1075.6	1074.5	1073.9	1078.0	1081.1	1088.1
75°	1017.6	1007.0	1001.7	992.8	988.3	981.9	980.8	977.9	979.8	980.4	985.6
77.5°	894.9	884.8	880.5	871.5	867.7	860.5	859.9	856.5	858.0	857.0	861.1
80°	755.0	745.8	743.5	736.0	734.3	727.6	726.5	722.5	723.6	720.5	722.1
82.5°	598.8	590.4	588.7	581.8	581.8	575.7	575.4	569.3	569.3	564.1	555.8
85°	421.8	415.7	413.1	407.5	405.9	401.0	398.4	392.6	390.6	386.8	385.6
87.5°	222.6	218.8	215.3	212.7	207.7	198.9	198.1	192.0	192.5	188.2	188.5
90°	63.7	58.0	56.5	51.2	49.5	45.6	44.0	44.7	46.1	46.8	48.2
92.5°	57.2	55.1	52.9	50.9	48.7	46.7	44.5	46.7	48.7	50.9	52.9
95°	64.8	63.0	61.0	59.1	57.3	55.4	53.5	55.4	57.3	59.3	61.2
97.5°	72.1	70.9	69.7	68.6	67.4	66.2	65.0	66.4	67.6	68.8	69.9
100°	83.2	81.8	80.4	79.0	77.6	76.1	74.8	76.4	77.9	79.3	80.6
102.5°	143.3	134.7	125.9	117.3	108.5	99.9	91.2	99.9	108.5	117.5	126.1
105°	339.1	309.9	280.5	251.2	221.7	192.3	163.0	192.4	221.8	251.3	280.8
107.5°	681.0	629.5	577.8	526.1	474.3	422.7	370.9	422.9	474.6	526.3	578.1
110°	1010.1	965.5	921.1	876.5	831.8	787.3	742.6	787.4	832.1	876.8	921.5



TEST NUMBER: P1444624  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	1188.7	1161.6	1134.4	1107.5	1080.3	1053.3	1026.0	1053.6	1080.9	1108.2	1135.4
115°	1226.8	1212.4	1198.4	1184.0	1169.6	1155.3	1140.7	1155.7	1170.4	1184.9	1199.6
117.5°	1182.9	1178.1	1173.0	1168.1	1163.0	1158.0	1152.8	1158.3	1163.7	1169.4	1174.5
120°	1092.3	1093.2	1093.8	1094.3	1094.8	1095.2	1095.5	1095.8	1095.8	1095.8	1095.7
122.5°	993.4	997.3	1001.0	1004.9	1008.5	1012.1	1015.5	1012.7	1009.7	1006.7	1003.4
125°	902.4	906.6	910.6	914.5	918.1	922.1	925.3	922.9	919.8	916.8	913.4
127.5°	825.6	829.1	832.8	836.5	839.7	843.0	846.0	843.9	841.2	838.7	835.8
130°	762.2	765.4	767.9	770.8	773.2	775.5	777.7	776.4	774.7	773.4	771.4
132.5°	716.8	719.2	721.4	723.4	725.1	727.1	728.4	728.0	727.1	726.3	724.9
135°	682.0	683.6	685.0	686.8	687.9	689.1	689.8	690.1	689.9	689.7	688.9
137.5°	653.2	654.3	655.1	655.9	656.4	656.8	656.8	657.8	658.3	659.1	659.1
140°	634.6	635.7	636.5	637.2	638.0	638.6	638.6	639.7	640.2	640.5	640.5
142.5°	615.5	616.5	617.4	618.2	618.7	619.2	619.3	620.3	620.8	621.2	621.4
145°	601.7	602.3	602.9	603.6	603.8	604.0	603.7	605.1	605.8	606.5	606.9
147.5°	588.0	588.9	589.1	589.6	589.8	590.1	590.0	590.9	591.7	592.4	593.0
150°	577.7	578.8	579.4	580.3	581.0	581.5	581.6	582.4	582.8	583.2	583.2
152.5°	567.7	568.5	569.2	569.9	570.6	571.0	571.2	571.9	572.6	573.1	573.3
155°	558.3	559.3	560.2	561.1	561.7	562.5	563.0	563.6	564.1	564.4	564.7
157.5°	550.7	551.7	552.4	553.3	553.9	554.9	555.5	556.2	556.7	557.2	557.5
160°	545.6	546.6	547.2	548.1	548.9	549.6	550.2	551.0	551.5	551.9	552.6
162.5°	543.1	544.0	544.5	545.4	546.0	546.8	547.4	548.1	548.8	549.4	549.8
165°	539.2	540.2	540.9	542.0	542.9	544.0	544.7	545.2	545.4	545.8	545.9
167.5°	540.7	541.7	542.4	543.4	544.1	545.2	546.0	546.3	546.4	546.7	546.8
170°	541.1	542.0	542.8	543.5	544.4	545.3	545.8	546.0	546.1	546.3	546.5
172.5°	541.1	542.2	543.0	544.1	544.8	545.8	546.5	546.6	546.4	546.3	546.0
175°	541.9	542.9	543.5	544.3	544.9	545.7	546.4	546.0	546.0	545.8	545.6
177.5°	546.7	547.7	548.5	549.2	550.2	550.9	551.6	551.0	550.5	549.8	549.1
180°	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5



TEST NUMBER: P1444624  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40127.1	40147.2	40177.9	40205.7	40247.7	40280.7	40330.3	40368.0	40424.0	40460.4	40521.3
5°	40130.7	40209.2	40312.4	40413.2	40534.3	40644.2	40780.9	40897.3	41034.6	41146.7	41287.1
7.5°	40187.5	40338.8	40520.3	40703.1	40909.9	41103.3	41321.3	41518.6	41734.2	41916.7	42116.0
10°	40229.3	40462.8	40730.3	40999.3	41282.5	41545.7	41811.4	42040.9	42255.5	42432.1	42588.1
12.5°	40172.5	40494.2	40837.3	41168.8	41483.7	41756.1	41984.6	42161.2	42283.1	42365.8	42385.1
15°	39979.6	40366.6	40739.8	41069.8	41331.1	41532.7	41637.0	41685.8	41633.5	41546.5	41355.1
17.5°	39619.2	40027.5	40361.0	40621.3	40759.4	40814.2	40727.7	40577.3	40283.5	39957.4	39486.4
20°	38958.3	39338.8	39580.7	39722.8	39685.8	39549.2	39222.9	38826.2	38239.6	37614.5	36789.5
22.5°	37799.4	38132.0	38260.8	38271.3	38045.9	37703.9	37115.3	36435.1	35509.7	34547.5	33364.4
25°	36059.5	36350.9	36371.2	36256.8	35844.2	35289.8	34425.7	33463.4	32205.9	30923.9	29441.2
27.5°	33700.1	33979.5	33911.1	33697.6	33124.8	32383.0	31276.5	30033.4	28483.0	26968.9	25328.8
30°	30734.0	31032.8	30952.5	30678.6	29997.4	29120.6	27818.7	26374.4	24653.1	23036.0	21374.0
32.5°	27184.6	27562.2	27506.8	27246.5	26535.7	25597.3	24184.8	22652.8	20891.8	19298.1	17681.4
35°	23150.1	23608.7	23632.4	23462.2	22802.3	21874.9	20480.0	18997.2	17310.4	15806.8	14313.3
37.5°	18803.5	19335.1	19444.3	19398.4	18851.5	18032.8	16761.8	15431.6	13937.4	12619.5	11342.2
40°	14432.7	14970.9	15157.6	15213.0	14809.4	14175.3	13132.2	12058.5	10840.3	9772.5	8758.3
42.5°	10446.8	10923.9	11104.4	11217.9	10966.0	10543.1	9782.2	9002.5	8110.1	7339.9	6601.5
45°	7255.6	7593.0	7730.2	7844.6	7707.3	7468.8	6988.2	6500.6	5911.5	5408.2	4931.7
47.5°	5072.8	5258.9	5349.5	5404.9	5351.7	5227.3	4965.8	4683.3	4350.8	4056.7	3773.9
50°	3760.1	3859.1	3906.5	3938.5	3899.7	3830.6	3689.1	3535.3	3352.7	3186.1	3023.3
52.5°	2979.7	3036.5	3064.7	3081.9	3059.7	3017.5	2935.0	2843.9	2734.4	2631.4	2577.3
55°	2510.2	2507.3	2572.4	2541.0	2572.4	2502.3	2487.4	2387.2	2296.3	2232.2	2163.0
57.5°	2070.2	2099.6	2112.1	2126.1	2117.1	2104.2	2069.3	2033.3	1985.4	1945.3	1902.5
60°	1792.0	1816.2	1830.0	1843.8	1843.0	1838.1	1817.9	1796.4	1766.4	1742.5	1716.5
62.5°	1600.3	1621.3	1634.9	1648.2	1649.3	1647.4	1632.1	1617.2	1596.8	1581.8	1563.9
65°	1449.5	1464.3	1473.5	1484.1	1483.5	1480.7	1466.8	1454.5	1437.7	1427.3	1414.1
67.5°	1291.8	1303.0	1310.1	1320.1	1322.0	1322.6	1315.0	1309.2	1301.0	1298.1	1293.6
70°	1179.6	1193.2	1204.7	1217.2	1224.1	1227.5	1224.1	1221.2	1216.4	1214.3	1210.9
72.5°	1094.7	1106.1	1115.1	1126.6	1133.0	1137.6	1135.0	1133.4	1129.2	1128.6	1126.3
75°	989.2	997.1	1002.1	1010.8	1014.2	1018.5	1016.6	1017.6	1016.3	1019.6	1019.4
77.5°	862.3	868.2	870.6	876.8	877.5	882.7	883.9	889.9	894.3	903.8	908.9
80°	719.6	723.3	723.3	729.7	732.6	741.4	745.5	755.6	760.2	768.6	769.4
82.5°	559.0	554.7	559.0	556.4	564.5	574.3	575.7	584.2	586.1	591.5	587.3
85°	382.2	381.9	378.5	379.1	376.5	377.7	376.2	377.9	376.3	376.5	372.7
87.5°	183.1	184.8	180.7	182.1	178.2	180.0	176.5	179.3	175.2	175.8	169.8
90°	49.3	50.7	51.7	53.1	55.1	58.9	63.0	66.9	71.4	75.3	79.6
92.5°	55.1	57.4	59.5	61.6	63.7	70.1	76.4	82.8	89.3	95.5	101.9
95°	63.2	65.0	66.9	69.1	70.9	80.1	89.3	98.4	107.7	116.8	126.0
97.5°	71.4	72.6	73.8	74.9	76.2	87.0	97.8	108.6	119.4	130.3	141.1
100°	82.2	83.6	85.0	86.6	88.0	113.0	137.9	162.8	187.7	212.5	237.4
102.5°	135.0	143.6	152.4	161.3	170.0	230.4	291.0	351.4	411.5	472.0	532.3
105°	310.2	339.6	369.3	398.7	428.1	519.5	611.1	702.5	793.8	885.0	976.6
107.5°	629.9	681.7	733.6	785.3	837.1	923.1	1009.0	1095.0	1181.1	1266.9	1352.6
110°	966.4	1010.8	1055.8	1100.4	1145.1	1213.3	1281.7	1349.8	1418.2	1486.3	1554.5



TEST NUMBER: P1444624  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	1162.8	1190.0	1217.2	1244.3	1271.6	1321.6	1371.9	1421.8	1472.0	1521.8	1571.8
115°	1214.1	1228.2	1242.8	1257.1	1271.7	1301.9	1332.1	1362.3	1392.6	1422.6	1452.9
117.5°	1179.9	1185.1	1190.4	1195.2	1200.4	1216.1	1231.6	1247.0	1262.6	1278.1	1293.6
120°	1095.5	1095.1	1094.8	1094.3	1094.0	1098.6	1103.7	1108.4	1113.3	1117.9	1122.6
122.5°	1000.2	996.5	993.2	989.5	986.0	984.1	982.7	980.8	979.4	977.6	975.9
125°	910.0	906.3	902.8	899.0	895.2	890.9	886.7	882.2	877.8	873.4	869.0
127.5°	833.1	829.7	826.8	823.2	819.9	814.8	810.0	805.0	800.2	795.1	790.1
130°	769.4	767.0	765.0	762.1	759.8	755.2	751.1	746.6	742.3	738.0	733.7
132.5°	723.6	722.1	720.4	718.3	716.7	712.6	709.0	704.9	701.1	697.0	693.3
135°	688.4	687.3	686.5	685.2	684.2	680.9	678.2	675.1	672.2	669.2	666.3
137.5°	659.2	658.8	658.6	658.2	657.7	655.2	652.8	650.3	647.9	645.4	643.0
140°	640.7	640.5	640.2	639.9	639.5	636.8	634.3	631.6	629.1	626.3	623.7
142.5°	621.4	621.3	621.1	620.7	620.5	618.2	616.5	614.4	612.4	610.4	608.4
145°	607.2	607.3	607.6	607.4	607.6	605.1	602.9	600.4	598.2	595.8	593.5
147.5°	593.6	593.7	594.1	594.2	594.6	592.4	590.6	588.6	586.9	584.7	583.0
150°	583.5	583.6	583.6	583.5	583.4	581.2	579.3	577.4	575.5	573.3	571.5
152.5°	573.6	573.7	573.9	574.1	574.3	572.3	570.3	568.1	566.1	563.8	561.9
155°	565.0	565.1	565.3	565.3	565.3	563.4	561.6	559.5	557.6	555.6	553.7
157.5°	557.8	558.1	558.4	558.6	558.7	557.1	555.4	553.8	552.1	550.4	548.7
160°	552.9	553.3	553.6	553.8	554.1	552.7	551.5	549.9	548.8	547.0	545.5
162.5°	550.3	550.7	551.0	551.2	551.5	550.1	548.9	547.5	546.1	544.4	543.0
165°	546.2	546.1	546.3	546.2	546.3	545.4	544.6	543.6	542.7	541.6	540.7
167.5°	547.1	546.9	547.2	547.1	547.2	546.5	546.2	545.5	544.8	544.0	543.3
170°	546.6	546.6	546.7	546.5	546.6	546.0	545.5	544.8	544.4	543.3	542.6
172.5°	546.0	545.7	545.6	545.4	545.0	544.5	544.2	543.8	543.4	542.9	542.4
175°	545.3	544.9	544.8	544.5	544.1	544.1	543.8	543.7	543.4	543.2	542.9
177.5°	548.7	548.2	547.4	546.8	546.3	546.1	546.0	545.8	545.9	545.6	545.4
180°	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5



TEST NUMBER: P1444624  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40559.1	40308.6	40275.5	40293.1	40334.9	40350.4	40395.6	40408.0	40453.4	40464.6	40508.2
5°	41396.0	41064.8	41081.4	41161.0	41281.5	41353.3	41471.8	41533.8	41646.8	41698.2	41800.5
7.5°	42278.4	42018.4	42099.5	42233.8	42398.5	42512.6	42655.0	42747.6	42870.3	42946.4	43044.5
10°	42711.7	42640.5	42729.7	42835.4	42929.4	43003.0	43063.3	43111.6	43143.1	43172.8	43185.8
12.5°	42382.0	42492.2	42507.4	42497.2	42434.8	42387.4	42280.5	42207.9	42079.0	42000.6	41847.2
15°	41159.6	41402.1	41267.8	41064.5	40767.2	40519.3	40169.1	39908.4	39543.8	39296.4	38930.5
17.5°	39014.4	39320.4	38970.6	38500.4	37902.2	37390.3	36753.1	36247.3	35613.6	35152.8	34561.5
20°	35994.4	36280.4	35656.5	34877.0	33951.6	33172.8	32254.4	31521.6	30668.2	30033.4	29267.2
22.5°	32234.3	32438.0	31559.0	30508.2	29329.2	28356.2	27258.2	26379.7	25405.7	24679.9	23863.1
25°	28074.4	28129.3	27075.0	25864.4	24550.4	23456.9	22284.6	21361.0	20367.6	19632.1	18830.3
27.5°	23875.8	23795.1	22655.6	21371.8	19989.7	18853.2	17709.7	16844.2	15974.3	15311.7	14620.9
30°	19912.7	19717.6	18534.4	17214.9	15873.2	14854.6	13905.3	13210.3	12518.2	11992.5	11438.1
32.5°	16278.6	16003.3	14851.6	13615.4	12484.9	11698.7	10994.8	10468.9	9910.0	9466.0	9000.7
35°	13059.8	12766.4	11746.1	10698.1	9842.4	9263.0	8709.8	8278.3	7803.7	7429.2	7025.1
37.5°	10297.3	10056.8	9202.2	8377.5	7730.2	7281.2	6827.9	6475.3	6083.2	5918.3	5486.5
40°	7949.5	7781.4	7113.2	6505.2	6019.2	5808.2	5348.1	5018.8	4725.6	4484.0	4249.9
42.5°	6200.7	6141.2	5490.8	5016.8	4674.6	4408.8	4152.3	3944.1	3741.5	3575.0	3417.6
45°	4550.4	4503.4	4214.6	3940.9	3707.7	3522.0	3348.7	3205.5	3073.0	2963.2	2863.3
47.5°	3543.4	3528.3	3362.0	3192.3	3045.5	2926.1	2813.6	2718.6	2630.6	2557.4	2533.5
50°	2882.0	2880.0	2782.5	2677.7	2573.2	2504.1	2432.3	2376.1	2319.7	2275.7	2229.3
52.5°	2448.7	2438.1	2372.3	2307.7	2245.5	2200.2	2154.3	2118.4	2081.0	2053.8	2025.0
55°	2108.2	2119.3	2081.2	2042.5	2003.7	1975.6	1943.3	1919.7	1894.0	1876.8	1859.5
57.5°	1871.5	1886.3	1866.3	1844.4	1820.8	1802.2	1780.0	1763.7	1746.5	1735.6	1725.5
60°	1699.4	1715.5	1707.5	1696.5	1681.9	1670.9	1656.7	1647.6	1636.6	1630.5	1624.8
62.5°	1553.4	1573.5	1570.7	1565.5	1556.1	1549.9	1542.3	1538.2	1530.9	1528.2	1525.6
65°	1407.7	1430.3	1429.9	1427.3	1422.1	1420.4	1415.6	1414.7	1410.9	1412.4	1412.1
67.5°	1293.1	1312.8	1317.1	1320.3	1320.1	1321.3	1320.9	1322.7	1322.7	1325.6	1327.4
70°	1210.5	1224.1	1227.5	1230.7	1231.6	1234.2	1234.2	1235.9	1235.4	1237.9	1238.2
72.5°	1126.9	1144.8	1148.2	1150.8	1150.8	1153.4	1152.0	1151.6	1148.0	1147.3	1144.7
75°	1022.8	1045.9	1051.0	1054.3	1054.8	1056.9	1053.8	1051.9	1045.9	1043.6	1039.3
77.5°	914.2	938.2	941.8	943.0	941.0	941.5	934.9	930.5	922.9	919.7	915.7
80°	772.9	808.1	811.0	808.7	803.2	802.3	795.9	791.7	782.7	779.5	776.1
82.5°	588.1	629.5	635.3	637.9	633.4	634.5	628.3	625.9	617.6	616.1	610.6
85°	371.3	412.8	419.5	418.5	414.0	413.0	409.4	410.6	409.9	412.2	413.3
87.5°	170.6	210.7	220.3	217.3	216.8	213.9	207.6	209.9	213.8	216.3	216.5
90°	83.6	99.8	103.5	101.2	94.8	91.8	85.9	83.5	78.1	75.7	70.4
92.5°	108.2	114.5	120.9	115.2	109.6	103.9	98.3	92.4	87.0	81.1	75.7
95°	135.2	144.1	153.2	145.7	138.0	130.4	122.9	115.4	107.9	100.3	92.8
97.5°	151.9	162.4	173.0	165.4	158.0	150.3	142.7	135.3	127.7	119.9	112.5
100°	262.3	286.6	311.4	290.0	268.5	247.1	225.7	204.1	182.7	161.4	139.9
102.5°	592.5	652.6	712.7	658.4	604.3	550.0	495.9	441.7	387.6	333.2	279.2
105°	1067.7	1158.6	1249.8	1166.8	1084.0	1001.3	918.6	835.9	753.2	670.4	587.8
107.5°	1438.5	1523.4	1608.9	1534.0	1459.2	1384.4	1309.5	1234.8	1160.0	1085.1	1010.5
110°	1622.5	1689.3	1757.2	1706.7	1656.6	1606.1	1556.0	1505.6	1455.5	1405.4	1355.3



TEST NUMBER: P1444624  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	1621.6	1670.0	1719.4	1689.6	1660.3	1630.8	1601.4	1571.8	1542.7	1513.1	1484.1
115°	1482.7	1510.8	1540.3	1528.3	1516.7	1504.9	1493.2	1481.6	1469.9	1458.2	1446.9
117.5°	1308.9	1321.8	1336.5	1334.0	1331.9	1329.4	1327.3	1324.9	1322.9	1320.9	1318.8
120°	1127.3	1129.2	1133.2	1134.3	1135.8	1137.0	1138.5	1139.7	1141.2	1142.7	1144.3
122.5°	974.0	969.3	966.6	967.7	968.8	969.9	971.2	972.3	973.5	974.9	976.4
125°	864.6	856.7	851.2	849.0	846.9	844.6	842.2	840.0	838.0	835.8	833.9
127.5°	785.0	776.5	770.6	765.7	760.8	755.8	750.9	745.9	741.2	736.2	731.6
130°	729.3	721.2	715.7	709.5	703.6	697.2	691.3	685.2	679.0	673.0	667.0
132.5°	689.3	681.2	676.3	670.5	664.8	658.8	653.0	647.0	641.1	635.0	629.3
135°	663.2	656.0	652.0	646.5	641.5	636.0	630.6	625.2	620.0	614.3	609.4
137.5°	640.4	633.3	629.9	625.6	621.5	617.1	613.0	608.4	604.1	599.5	595.4
140°	621.2	613.6	610.1	607.6	605.3	602.5	600.2	597.5	595.1	592.5	589.9
142.5°	606.4	599.2	596.0	594.5	593.1	591.2	590.0	588.2	586.6	584.6	583.0
145°	591.2	583.3	579.8	579.4	579.4	579.1	578.9	578.6	578.4	577.9	577.6
147.5°	580.8	572.7	569.3	569.6	569.8	569.9	570.3	570.2	570.6	570.7	570.9
150°	569.3	560.0	556.2	556.9	557.2	557.9	558.5	559.0	559.8	560.3	560.9
152.5°	559.5	548.5	544.2	544.9	545.8	546.2	547.0	547.8	548.7	549.6	550.3
155°	551.4	539.6	534.9	534.9	535.2	535.4	535.8	536.3	536.8	537.2	537.8
157.5°	546.7	534.4	529.8	529.4	529.6	529.6	529.8	530.0	530.3	530.5	531.1
160°	544.0	531.6	527.3	526.9	527.0	526.9	526.9	526.9	527.2	527.4	527.9
162.5°	541.3	529.3	525.0	524.6	524.5	524.4	524.4	524.3	524.5	524.5	525.0
165°	539.5	529.1	525.2	525.1	525.3	525.2	525.4	525.6	526.0	526.2	526.7
167.5°	542.3	533.0	530.0	529.5	529.2	528.7	528.7	528.1	528.1	527.8	527.8
170°	541.7	534.4	531.7	531.6	531.9	531.8	531.7	531.9	531.9	531.8	532.1
172.5°	541.9	536.5	534.6	534.9	535.3	535.6	536.1	536.4	536.9	537.3	537.8
175°	542.7	539.5	538.7	538.6	538.9	539.1	539.4	539.6	539.9	540.1	540.6
177.5°	545.4	544.3	543.8	543.8	543.8	543.8	543.8	543.8	543.8	544.0	544.0
180°	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5



TEST NUMBER: P1444624  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40516.4	40563.7	40560.0	40604.2	40602.0	40643.5	40635.2	40671.0	40662.9	40693.5	40675.6
5°	41845.5	41935.3	41964.9	42046.0	42062.8	42135.4	42136.9	42194.6	42187.6	42232.7	42208.7
7.5°	43102.7	43186.6	43226.3	43289.3	43320.8	43372.9	43393.3	43436.3	43446.6	43471.9	43471.1
10°	43208.8	43208.5	43228.1	43219.4	43237.0	43226.7	43248.2	43240.5	43272.2	43264.1	43288.0
12.5°	41781.1	41639.4	41587.7	41460.4	41432.6	41323.4	41331.1	41261.1	41294.9	41251.9	41325.1
15°	38712.9	38384.2	38221.7	37936.0	37846.3	37620.4	37602.1	37452.0	37492.6	37414.1	37528.8
17.5°	34178.8	33661.3	33377.3	32960.1	32794.3	32474.9	32410.9	32217.8	32247.7	32150.4	32289.0
20°	28773.0	28147.7	27789.4	27306.9	27091.6	26710.8	26609.7	26393.7	26420.8	26324.0	26480.8
22.5°	23305.5	22650.9	22246.6	21740.8	21465.9	21107.7	21000.2	20783.1	20795.5	20704.7	20855.4
25°	18281.1	17653.6	17261.1	16801.6	16563.1	16234.7	16121.7	15926.9	15937.9	15862.9	15998.3
27.5°	14141.8	13626.9	13298.5	12913.3	12699.5	12429.6	12319.4	12155.5	12155.1	12100.1	12213.2
30°	11051.0	10621.4	10326.5	9991.1	9790.3	9546.7	9440.3	9293.6	9287.2	9248.3	9338.0
32.5°	8652.7	8270.5	8001.5	7706.5	7526.1	7317.1	7216.4	7098.5	7087.8	7052.5	7126.2
35°	6726.3	6404.6	6173.2	5924.7	5943.1	5634.6	5685.9	5446.3	5381.4	5367.2	5422.1
37.5°	5198.7	4949.4	4761.6	4575.5	4449.4	4319.1	4248.8	4185.9	4178.7	4172.6	4211.0
40°	4069.2	3894.7	3758.1	3630.4	3543.7	3464.1	3420.2	3385.6	3377.4	3372.8	3396.0
42.5°	3293.4	3175.7	3087.6	3009.7	2957.0	2913.7	2889.6	2870.4	2863.9	2864.1	2877.8
45°	2782.5	2711.1	2654.3	2605.9	2572.2	2587.0	2543.5	2566.3	2536.1	2567.3	2546.8
47.5°	2450.4	2389.6	2354.4	2320.1	2299.7	2283.3	2283.9	2284.2	2290.7	2291.7	2298.3
50°	2194.1	2158.9	2134.5	2112.6	2102.0	2093.3	2096.4	2098.5	2104.8	2105.3	2110.2
52.5°	2004.4	1981.4	1966.6	1953.0	1948.3	1943.3	1945.4	1944.5	1947.4	1945.9	1949.9
55°	1850.0	1839.2	1834.6	1829.5	1830.3	1828.9	1829.8	1824.9	1821.9	1818.2	1821.6
57.5°	1723.4	1721.9	1725.1	1727.1	1732.9	1735.0	1736.4	1730.7	1725.4	1720.5	1723.3
60°	1625.9	1628.2	1636.0	1642.2	1650.5	1654.5	1656.8	1653.6	1649.6	1645.6	1648.1
62.5°	1529.6	1533.3	1542.6	1549.5	1559.7	1564.9	1570.7	1571.0	1572.5	1571.0	1572.6
65°	1417.8	1422.4	1430.8	1436.6	1446.0	1450.6	1456.5	1457.6	1460.8	1460.2	1463.0
67.5°	1332.9	1337.1	1344.1	1349.6	1357.9	1362.7	1367.9	1368.2	1369.4	1369.1	1371.8
70°	1242.3	1244.4	1250.6	1255.3	1263.6	1268.5	1274.5	1276.3	1280.0	1280.6	1283.5
72.5°	1145.7	1144.8	1148.6	1150.6	1156.9	1160.9	1168.4	1172.5	1178.8	1180.5	1182.8
75°	1040.5	1039.6	1044.2	1045.9	1051.3	1055.2	1063.7	1069.2	1078.8	1082.9	1081.9
77.5°	918.8	920.9	929.2	933.9	941.0	945.9	957.0	965.8	983.6	991.2	983.4
80°	782.7	784.9	793.6	797.9	807.2	813.2	825.6	835.8	851.8	855.3	850.8
82.5°	615.3	616.0	623.6	627.0	639.2	648.0	663.6	671.8	681.6	680.1	679.0
85°	419.5	425.2	435.0	444.6	459.5	473.8	488.6	500.8	492.1	505.7	490.5
87.5°	224.3	223.7	236.7	234.7	255.5	267.6	280.4	286.5	293.4	292.0	292.1
90°	68.6	64.9	64.7	60.7	61.5	57.3	59.0	55.1	57.7	52.8	60.1
92.5°	69.8	67.0	63.7	60.9	57.7	54.7	51.5	48.4	45.4	42.3	45.4
95°	85.3	82.4	79.7	76.7	73.9	71.1	68.3	65.4	62.7	59.8	63.4
97.5°	104.9	103.2	101.6	100.0	98.3	96.7	95.0	93.4	91.6	90.0	92.3
100°	118.5	118.5	118.5	118.5	118.2	118.2	118.2	118.2	118.2	118.2	120.0
102.5°	224.8	219.4	214.0	208.4	203.0	197.5	192.1	186.7	181.3	175.9	183.9
105°	505.1	484.0	462.7	441.5	420.1	399.0	377.8	356.7	335.4	314.3	336.2
107.5°	935.9	897.1	858.5	819.9	781.1	742.6	704.0	665.4	626.9	588.3	622.9
110°	1305.2	1264.1	1223.0	1182.1	1141.1	1100.0	1059.1	1018.1	977.3	936.3	969.2



TEST NUMBER: P1444624  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	1454.9	1428.0	1401.5	1375.1	1348.6	1322.1	1295.7	1269.4	1243.1	1216.7	1232.8
115°	1435.2	1422.5	1409.8	1397.2	1384.5	1371.9	1359.3	1346.8	1334.3	1321.9	1322.8
117.5°	1316.7	1312.3	1308.0	1303.8	1299.5	1295.2	1291.1	1287.2	1283.0	1279.1	1270.2
120°	1146.0	1147.1	1148.2	1149.5	1150.8	1152.4	1153.6	1155.2	1156.8	1158.5	1146.5
122.5°	977.9	980.6	983.6	986.6	989.7	993.0	996.2	999.8	1003.3	1006.8	994.9
125°	831.7	834.5	837.3	840.2	843.0	846.4	849.7	853.2	856.5	860.3	850.2
127.5°	726.9	727.7	728.3	729.2	730.2	731.6	733.0	734.4	736.0	737.9	731.5
130°	660.9	659.5	657.9	656.8	655.4	654.6	653.8	653.1	652.5	652.1	649.4
132.5°	623.5	620.6	617.7	614.8	612.2	609.9	607.4	605.5	603.4	601.7	600.9
135°	603.7	599.8	595.9	592.3	588.6	585.4	581.9	579.2	576.2	573.5	574.1
137.5°	590.9	587.2	583.3	579.7	576.0	573.0	569.4	566.5	563.7	561.0	562.2
140°	587.2	583.4	579.4	576.0	572.6	569.2	566.0	563.2	560.0	557.6	558.3
142.5°	581.2	578.1	574.3	571.2	568.0	565.0	562.2	559.6	556.7	554.5	555.3
145°	577.2	574.7	572.1	569.5	567.3	565.2	562.7	561.0	559.1	557.6	558.0
147.5°	570.8	569.1	567.0	565.3	563.3	561.9	560.2	558.9	557.4	556.4	556.6
150°	561.5	560.3	559.0	557.8	556.7	555.7	554.7	553.8	552.9	552.2	552.2
152.5°	551.2	550.2	548.9	547.9	546.9	546.0	545.2	544.6	543.8	543.1	543.1
155°	538.3	537.8	537.3	537.1	536.6	536.5	536.0	536.1	535.7	535.7	535.8
157.5°	531.3	531.4	531.1	531.3	531.2	531.3	531.2	531.6	531.4	531.8	532.1
160°	528.4	528.2	527.9	527.9	527.7	527.5	527.5	527.5	527.5	527.4	527.9
162.5°	525.2	525.6	525.8	526.1	526.5	526.8	527.3	527.9	528.2	528.8	529.3
165°	527.2	527.2	527.0	527.0	527.2	527.2	527.3	527.8	527.8	528.2	528.8
167.5°	527.7	528.0	528.2	528.5	528.9	529.4	529.7	530.4	531.0	531.8	532.3
170°	532.0	532.0	532.0	532.0	532.0	532.3	532.5	532.6	532.8	533.2	533.6
172.5°	538.1	538.1	537.8	538.1	537.8	538.1	538.1	538.3	538.3	538.5	538.7
175°	540.5	541.0	541.3	541.7	541.7	542.0	542.2	542.4	542.7	543.1	543.1
177.5°	544.0	544.1	544.1	544.1	544.1	544.3	544.3	544.3	544.3	544.1	544.3
180°	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5



TEST NUMBER: P1444624  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40705.5	40685.1	40705.9	40684.8	40705.9	40680.6	40697.8	40670.4	40677.3	40648.8	40656.2
5°	42244.7	42212.1	42229.4	42187.3	42191.7	42135.4	42134.3	42068.8	42051.5	41976.9	41944.1
7.5°	43489.2	43478.6	43484.6	43457.4	43454.3	43415.8	43397.6	43343.3	43309.1	43240.5	43193.5
10°	43292.2	43323.9	43332.1	43364.5	43371.1	43403.2	43409.9	43442.0	43448.6	43472.3	43472.6
12.5°	41321.7	41429.5	41455.2	41588.3	41644.3	41796.5	41878.3	42046.0	42145.6	42313.0	42415.8
15°	37525.7	37712.0	37786.4	38046.3	38190.0	38493.3	38684.0	39032.3	39278.2	39648.1	39911.9
17.5°	32301.1	32561.6	32679.2	33031.6	33261.4	33709.1	34031.9	34563.0	34969.7	35560.0	36027.8
20°	26507.6	26797.0	26956.6	27358.6	27629.9	28153.1	28555.9	29208.6	29752.9	30500.9	31140.5
22.5°	20902.7	21178.2	21355.3	21764.3	22069.7	22615.4	23065.7	23754.5	24364.4	25207.2	25974.2
25°	16049.3	16301.8	16461.9	16831.8	17118.7	17620.0	18050.1	18712.6	19309.3	20154.8	20941.1
27.5°	12269.5	12480.9	12635.3	12950.8	13203.7	13628.9	13998.3	14545.9	15060.0	15791.4	16491.7
30°	9393.3	9580.8	9730.9	10005.7	10240.3	10608.8	10933.6	11393.5	11819.1	12401.1	12958.2
32.5°	7178.1	7339.5	7473.3	7713.7	7926.5	8258.4	8551.0	8954.3	9319.5	9813.1	10271.4
35°	5473.0	5790.5	5768.0	6099.7	6153.0	6391.3	6652.3	7004.8	7328.3	7748.0	8138.1
37.5°	4248.0	4337.3	4432.8	4579.5	4733.5	4950.3	5170.8	5601.5	5759.5	6076.8	6399.6
40°	3425.5	3485.9	3549.1	3648.1	3756.0	3908.7	4069.3	4274.8	4485.3	4742.4	5005.2
42.5°	2896.0	2930.1	2970.3	3028.6	3095.1	3191.9	3299.4	3438.7	3585.1	3766.2	3950.9
45°	2587.4	2571.2	2583.1	2614.4	2654.5	2713.3	2781.1	2867.4	2962.7	3080.0	3204.9
47.5°	2299.7	2306.3	2309.8	2326.8	2348.3	2387.8	2428.9	2487.4	2600.6	2635.0	2703.0
50°	2109.7	2112.9	2111.8	2120.4	2131.3	2157.0	2183.7	2223.3	2262.9	2315.3	2365.4
52.5°	1950.5	1954.9	1954.3	1960.0	1965.8	1982.0	1998.9	2026.9	2052.9	2086.3	2114.9
55°	1824.8	1830.9	1833.2	1838.0	1840.8	1849.3	1856.0	1869.5	1880.5	1899.3	1916.8
57.5°	1728.0	1736.4	1740.2	1741.9	1738.4	1738.0	1735.8	1738.6	1740.9	1751.0	1760.8
60°	1651.9	1658.6	1659.7	1658.6	1652.4	1647.9	1640.7	1638.4	1637.3	1642.2	1647.6
62.5°	1572.2	1574.6	1572.9	1571.0	1563.9	1559.6	1552.1	1549.3	1546.9	1550.3	1553.1
65°	1461.9	1464.0	1461.9	1460.7	1454.4	1450.9	1444.6	1442.6	1438.9	1439.9	1439.2
67.5°	1372.3	1374.5	1372.8	1371.2	1366.7	1364.7	1360.1	1357.0	1352.7	1351.1	1348.1
70°	1283.2	1284.8	1282.3	1280.6	1275.6	1273.6	1269.3	1268.4	1265.0	1264.2	1260.8
72.5°	1180.5	1180.6	1177.1	1176.0	1172.3	1172.2	1170.4	1172.0	1171.9	1173.6	1172.8
75°	1075.4	1073.9	1069.5	1068.7	1065.9	1067.2	1065.3	1067.8	1068.1	1072.1	1072.5
77.5°	970.3	964.7	956.2	952.2	946.5	945.8	942.5	944.8	944.1	948.5	950.3
80°	837.4	830.6	819.8	814.5	807.8	806.8	803.8	806.8	805.3	810.6	814.2
82.5°	668.5	662.7	651.4	647.2	639.5	640.2	636.9	640.2	639.8	647.5	652.0
85°	494.5	490.6	479.1	468.7	457.3	450.6	444.0	442.8	440.8	444.0	446.6
87.5°	285.6	282.0	273.0	267.0	246.8	247.7	239.9	239.5	237.5	235.7	239.9
90°	59.6	65.9	65.7	71.5	71.9	78.4	79.3	85.6	85.9	92.2	93.5
92.5°	48.4	51.5	54.5	57.7	60.7	63.7	66.8	69.8	76.4	82.7	89.6
95°	66.9	70.4	74.0	77.4	80.9	84.5	88.0	91.5	101.2	110.8	120.4
97.5°	94.8	97.0	99.4	101.8	104.1	106.5	108.8	111.2	121.6	132.0	142.3
100°	121.9	123.8	125.6	127.6	129.5	131.3	133.2	135.1	155.4	175.3	195.4
102.5°	191.9	199.9	207.9	215.9	224.2	232.1	240.2	248.1	294.2	340.1	385.9
105°	358.0	379.9	402.0	423.9	445.8	467.7	489.6	511.5	585.0	658.4	732.1
107.5°	657.4	692.0	726.6	761.3	795.8	830.5	865.1	899.9	971.5	1043.3	1115.0
110°	1002.1	1035.2	1068.1	1101.2	1134.1	1167.2	1200.2	1233.4	1276.6	1319.6	1362.6



TEST NUMBER: P1444624  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	1248.9	1264.8	1281.0	1297.1	1313.3	1329.5	1345.7	1362.0	1383.6	1405.1	1426.8
115°	1323.8	1324.8	1326.0	1327.2	1328.3	1329.4	1330.9	1332.2	1339.1	1345.9	1352.9
117.5°	1261.3	1252.6	1244.0	1235.2	1226.6	1218.2	1209.8	1201.4	1200.1	1198.9	1197.8
120°	1135.0	1123.1	1111.4	1099.6	1088.2	1076.6	1065.4	1054.1	1048.4	1042.8	1037.2
122.5°	983.2	971.5	959.9	948.3	936.9	925.7	914.6	903.5	899.6	895.6	891.9
125°	840.3	830.6	821.0	811.5	802.2	793.0	784.0	774.8	774.8	774.7	775.0
127.5°	725.6	719.7	713.9	708.3	703.0	697.5	692.4	687.1	690.0	692.8	695.6
130°	646.8	644.4	642.2	639.7	638.0	635.9	634.2	632.3	637.2	641.7	646.6
132.5°	600.8	600.4	600.4	600.3	600.6	600.8	601.4	601.6	607.1	612.4	618.0
135°	574.9	575.7	577.0	578.1	579.7	581.0	582.8	584.2	589.6	594.5	599.9
137.5°	563.4	564.7	566.3	568.0	570.0	571.8	573.9	575.8	580.0	584.2	588.3
140°	559.5	560.4	561.9	563.2	564.8	566.3	568.2	569.7	573.5	576.5	579.8
142.5°	556.6	557.2	558.6	560.0	561.6	562.8	564.5	565.9	568.4	570.8	573.7
145°	558.9	559.5	560.7	561.5	562.7	563.8	565.1	566.2	568.0	569.4	571.1
147.5°	557.1	557.5	558.3	559.1	560.0	560.7	561.5	562.2	563.4	564.5	565.6
150°	552.5	552.7	553.1	553.3	554.0	554.6	555.2	555.6	556.5	557.3	558.5
152.5°	543.5	543.6	543.9	544.2	544.6	545.0	545.4	545.9	546.8	547.5	548.5
155°	536.3	536.9	537.5	538.0	538.7	539.0	539.8	540.2	540.9	541.5	542.3
157.5°	532.7	533.0	533.8	534.1	534.9	535.2	535.8	536.3	537.0	537.5	538.1
160°	528.8	529.6	530.2	531.1	531.9	532.6	533.5	534.3	534.9	535.3	535.9
162.5°	529.8	530.4	531.0	531.4	532.0	532.6	533.1	533.7	534.7	535.2	536.1
165°	529.6	530.3	531.2	531.8	532.8	533.6	534.4	535.1	535.5	536.1	536.6
167.5°	533.2	533.7	534.8	535.3	536.2	536.9	537.8	538.4	539.0	539.3	539.9
170°	534.3	534.9	535.7	536.3	537.1	537.6	538.5	539.0	539.8	540.4	541.1
172.5°	539.3	539.8	540.4	540.6	541.2	541.9	542.5	542.8	543.5	544.1	544.6
175°	543.1	543.1	543.2	543.4	543.5	543.5	543.7	544.0	544.1	544.3	544.4
177.5°	544.6	544.8	545.0	545.3	545.5	545.7	546.0	546.1	546.1	546.1	546.1
180°	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5



TEST NUMBER: P1444624  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40627.7	40629.5	40596.7	40594.9	40564.3	40560.3	40530.4	40521.3	40497.1	40488.2	40463.5
5°	41860.4	41820.4	41728.2	41674.0	41582.8	41522.4	41423.8	41359.4	41264.2	41192.4	41096.6
7.5°	43107.0	43045.0	42941.5	42857.6	42731.1	42630.1	42482.1	42360.9	42200.5	42061.8	41893.4
10°	43472.6	43463.1	43436.7	43398.2	43339.4	43273.3	43172.5	43067.5	42927.0	42774.4	42587.3
12.5°	42573.0	42670.2	42802.6	42881.1	42976.6	43018.5	43057.7	43047.9	43022.0	42944.9	42836.7
15°	40294.1	40567.1	40928.5	41208.6	41530.9	41765.1	42023.8	42185.0	42345.7	42420.0	42465.4
17.5°	36668.9	37185.8	37833.9	38371.0	38990.8	39488.5	40034.1	40444.9	40867.3	41169.9	41443.6
20°	32012.5	32761.2	33677.9	34487.7	35429.3	36247.5	37144.3	37880.4	38639.5	39233.2	39794.9
22.5°	26961.7	27851.0	28959.2	29985.8	31199.7	32290.6	33521.4	34592.7	35711.2	36645.7	37549.2
25°	21995.1	22970.4	24182.2	25327.6	26702.3	27971.3	29430.9	30766.1	32211.8	33466.9	34706.8
27.5°	17459.9	18417.4	19654.6	20873.8	22327.5	23679.6	25243.7	26714.6	28360.7	29878.7	31431.5
30°	13732.4	14544.5	15653.8	16834.7	18268.5	19644.4	21225.4	22738.3	24450.7	26108.1	27857.1
32.5°	10879.7	11498.5	12370.5	13369.1	14692.0	16001.8	17507.2	18967.7	20654.0	22328.3	24147.4
35°	8640.5	9123.1	9788.0	10567.3	11687.5	12816.7	14148.1	15476.3	17049.5	18638.2	20406.3
37.5°	6813.5	7205.0	7725.8	8311.2	9209.7	10136.3	11228.2	12329.3	13696.3	15104.6	16707.0
40°	5320.6	5637.7	6043.1	6479.6	7158.2	7872.1	8716.4	9570.3	10668.6	11819.6	13145.7
42.5°	4179.7	4413.7	4700.0	5019.1	5652.1	6031.1	6603.8	7221.3	8028.7	8864.3	9861.3
45°	3356.6	3516.3	3714.9	3928.8	4222.6	4544.2	4936.3	5347.5	6114.6	6490.8	7097.2
47.5°	2803.1	2910.3	3036.6	3171.5	3344.8	3531.8	3764.4	4002.1	4309.6	4628.4	5002.1
50°	2430.4	2539.3	2582.7	2652.5	2752.8	2859.6	2990.7	3121.9	3286.8	3454.0	3646.3
52.5°	2153.7	2189.2	2236.4	2280.9	2342.9	2464.5	2503.8	2572.4	2664.9	2755.4	2856.4
55°	1942.5	1965.5	1996.2	2023.0	2060.6	2096.5	2148.3	2193.9	2255.6	2310.1	2377.2
57.5°	1777.9	1792.7	1814.0	1831.6	1855.9	1876.2	1906.5	1931.3	1966.7	1997.6	2038.2
60°	1658.5	1668.3	1682.5	1694.0	1709.6	1720.2	1735.2	1746.8	1765.5	1781.3	1803.9
62.5°	1560.8	1565.9	1575.3	1582.1	1591.9	1597.2	1605.2	1610.3	1620.6	1628.5	1641.2
65°	1443.8	1444.9	1451.2	1454.1	1461.8	1464.6	1471.2	1473.5	1482.1	1487.9	1499.1
67.5°	1347.8	1345.1	1345.2	1343.1	1344.1	1341.8	1342.5	1340.0	1343.5	1345.2	1353.8
70°	1260.2	1256.4	1255.3	1251.2	1250.0	1245.9	1244.7	1241.0	1240.5	1239.3	1242.3
72.5°	1174.8	1173.8	1174.1	1171.3	1171.0	1168.1	1168.2	1166.5	1168.4	1169.3	1173.1
75°	1076.7	1077.0	1078.8	1076.4	1077.1	1074.7	1075.6	1073.3	1074.5	1074.1	1078.0
77.5°	957.1	960.0	965.2	964.1	965.8	963.1	964.3	961.2	962.0	960.0	961.5
80°	822.8	828.7	835.7	835.4	838.4	836.4	839.2	836.1	837.4	833.8	832.9
82.5°	663.1	668.2	675.7	676.0	682.6	683.8	691.0	690.7	695.4	692.4	690.2
85°	453.4	456.9	463.3	467.0	473.7	477.8	484.9	487.7	482.6	491.8	484.6
87.5°	236.7	245.6	240.7	252.1	249.4	261.0	258.5	269.2	267.2	276.4	275.2
90°	101.5	103.3	111.7	113.9	123.7	126.9	130.3	126.3	129.6	125.8	129.1
92.5°	95.9	102.8	109.4	116.0	122.6	129.4	123.1	117.0	110.8	104.9	98.6
95°	130.1	139.8	149.4	159.0	168.7	178.3	168.0	157.7	147.3	137.0	126.6
97.5°	152.6	163.1	173.4	183.7	194.3	204.6	192.3	180.1	167.9	155.8	143.5
100°	215.3	235.5	255.4	275.4	295.6	315.6	292.9	270.0	247.4	224.6	201.8
102.5°	432.1	477.9	523.8	569.9	615.8	661.8	613.5	565.4	516.9	468.5	420.1
105°	805.6	879.1	952.6	1026.2	1099.7	1173.5	1095.0	1016.8	938.3	860.0	781.5
107.5°	1186.8	1258.3	1330.3	1401.9	1473.7	1545.7	1466.2	1386.8	1307.4	1227.8	1148.3
110°	1405.9	1449.1	1492.3	1535.5	1578.6	1622.0	1564.0	1506.0	1448.1	1390.0	1332.0



TEST NUMBER: P1444624  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	1448.3	1470.3	1491.7	1513.6	1535.2	1557.0	1515.7	1474.4	1432.8	1391.5	1349.9
115°	1360.1	1366.9	1374.0	1381.2	1388.1	1395.1	1367.2	1339.5	1311.6	1283.7	1255.6
117.5°	1196.7	1195.8	1194.6	1193.9	1192.6	1191.6	1176.1	1160.7	1144.9	1129.3	1113.7
120°	1031.5	1025.9	1020.4	1014.8	1009.1	1003.4	997.0	990.7	983.9	977.4	970.7
122.5°	888.1	884.3	880.5	876.8	872.7	868.8	866.4	864.2	861.6	859.2	856.4
125°	775.0	775.1	775.1	775.2	775.1	775.1	773.8	772.9	771.6	770.6	769.1
127.5°	698.2	701.2	703.7	706.5	709.0	711.7	711.4	711.5	711.2	711.0	710.7
130°	651.1	656.1	660.5	665.0	669.3	674.1	673.4	672.9	672.4	671.8	671.1
132.5°	623.3	628.6	633.8	639.3	644.3	649.5	648.7	648.1	647.0	646.4	645.6
135°	604.9	609.9	614.7	620.0	624.6	629.5	628.5	627.6	626.3	625.6	624.4
137.5°	592.1	596.5	600.4	604.3	608.1	612.2	610.9	610.0	608.7	608.0	606.8
140°	583.0	586.3	589.3	592.6	595.6	598.8	597.3	596.0	594.6	593.2	591.7
142.5°	575.9	578.5	580.6	583.2	585.3	587.8	585.5	583.7	581.7	579.7	577.8
145°	572.7	574.5	576.0	577.6	578.7	580.4	578.0	575.8	573.3	571.1	568.5
147.5°	566.5	567.7	568.3	569.4	570.0	571.1	568.7	566.6	564.3	561.9	559.6
150°	559.1	560.3	561.0	561.8	562.5	563.4	560.9	558.6	556.1	553.6	551.4
152.5°	549.4	550.2	551.0	551.5	552.3	552.9	550.6	548.5	546.0	543.7	541.3
155°	542.6	543.3	543.6	544.2	544.4	544.8	542.6	541.0	539.1	537.1	534.9
157.5°	538.5	539.1	539.6	539.9	540.2	540.6	539.1	537.7	536.1	534.8	533.1
160°	536.3	536.8	537.2	537.5	538.0	538.1	536.9	535.8	534.7	533.3	531.8
162.5°	536.7	537.5	538.1	538.6	539.4	539.9	538.4	537.0	535.5	534.1	532.4
165°	537.0	537.5	538.0	538.4	538.6	539.0	538.0	537.1	535.9	535.0	534.0
167.5°	540.2	540.8	541.1	541.5	541.7	542.0	540.9	540.3	539.1	538.0	536.8
170°	541.5	542.1	542.7	543.2	543.7	544.0	543.3	542.6	541.6	540.8	539.9
172.5°	545.1	545.7	545.9	546.3	546.6	547.1	546.3	545.5	544.6	543.7	542.7
175°	544.4	544.6	544.9	544.9	544.9	545.0	544.3	543.6	542.9	542.2	541.4
177.5°	546.1	546.1	546.1	546.0	546.0	546.0	545.6	545.1	544.7	544.2	543.5
180°	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5



TEST NUMBER: P1444624  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2	40202.2
2.5°	40454.7	40437.2	40425.9	40411.4	40402.6	40391.4	40383.2	40376.3	40370.6	40365.4	40361.4
5°	41023.6	40933.1	40863.0	40787.0	40724.6	40662.3	40614.3	40574.5	40547.1	40526.6	40514.4
7.5°	41747.8	41582.3	41435.2	41280.2	41141.3	41004.7	40886.9	40785.5	40709.4	40660.0	40630.1
10°	42394.6	42173.0	41953.9	41723.3	41504.5	41292.4	41096.6	40924.4	40788.0	40697.5	40644.5
12.5°	42684.6	42495.8	42272.1	42021.6	41753.5	41482.3	41218.1	40979.7	40779.6	40645.3	40567.8
15°	42429.2	42351.7	42199.9	42005.5	41751.2	41470.7	41160.4	40868.7	40600.3	40426.3	40325.4
17.5°	41598.6	41706.8	41695.1	41620.8	41437.9	41202.0	40885.7	40558.0	40222.3	39989.7	39862.6
20°	40196.8	40536.9	40709.4	40797.9	40726.1	40573.0	40286.7	39954.1	39562.8	39259.2	39073.9
22.5°	38226.9	38827.3	39201.4	39475.1	39533.2	39481.1	39228.2	38911.9	38475.8	38110.7	37837.1
25°	35691.1	36570.6	37161.9	37625.3	37805.3	37851.8	37636.7	37322.2	36835.9	36410.7	36034.8
27.5°	32704.2	33847.0	34636.4	35259.2	35540.3	35662.2	35464.2	35143.3	34568.1	34060.5	33569.5
30°	29341.5	30697.4	31647.8	32394.6	32737.3	32898.4	32688.0	32329.8	31660.5	31049.6	30431.0
32.5°	25742.5	27226.1	28261.8	29072.8	29412.4	29563.8	29288.7	28886.4	28112.8	27393.2	26671.7
35°	21974.3	23471.8	24516.2	25305.7	25590.2	25681.6	25329.6	24864.6	24007.6	23217.7	22431.1
37.5°	18129.3	19522.6	20471.8	21180.3	21356.4	21372.1	20948.2	20434.5	19533.7	18754.9	17971.9
40°	14317.6	15492.6	16259.0	16826.0	16887.1	16832.6	16371.6	15854.8	15012.1	14314.4	13626.9
42.5°	10727.2	11614.1	12160.9	12549.5	12526.4	12418.7	11996.0	11551.7	10856.4	10325.0	9784.0
45°	7651.2	8235.9	8555.6	8783.0	8710.1	8607.4	8278.4	7967.0	7494.6	7151.3	6787.7
47.5°	5315.4	6013.7	5892.1	6336.7	5953.7	6206.6	5679.8	5389.4	5138.7	4956.3	4750.8
50°	3805.3	3965.4	4042.7	4095.4	4067.4	4028.5	3933.9	3849.3	3734.7	3651.2	3554.0
52.5°	2938.8	3018.7	3062.5	3094.3	3088.1	3073.9	3032.6	2995.0	2941.3	2906.0	2863.3
55°	2489.3	2490.5	2571.0	2536.4	2587.6	2527.7	2551.3	2485.0	2495.7	2438.7	2400.5
57.5°	2068.5	2101.3	2116.0	2130.4	2126.3	2123.8	2107.8	2099.8	2081.7	2076.2	2063.4
60°	1819.5	1836.7	1840.2	1846.8	1841.3	1839.2	1826.6	1822.2	1810.1	1807.9	1799.4
62.5°	1648.8	1657.6	1657.6	1657.6	1650.4	1643.5	1629.7	1622.4	1612.1	1609.9	1604.9
65°	1506.3	1515.5	1516.9	1518.8	1513.6	1508.3	1496.0	1488.2	1477.5	1473.5	1467.9
67.5°	1359.3	1369.0	1372.2	1377.2	1374.2	1373.1	1364.8	1361.6	1354.7	1353.0	1347.8
70°	1243.8	1247.8	1247.5	1247.4	1240.8	1235.0	1225.3	1220.7	1213.4	1211.9	1207.1
72.5°	1175.1	1177.9	1176.2	1173.6	1165.2	1156.5	1145.1	1136.8	1127.3	1121.4	1114.6
75°	1078.4	1082.2	1079.7	1078.1	1070.5	1064.9	1055.8	1051.1	1044.5	1042.5	1037.9
77.5°	959.7	961.5	957.6	957.1	951.3	947.8	940.9	939.7	934.8	934.9	930.5
80°	827.5	826.5	820.2	819.0	813.2	811.8	806.4	806.6	802.8	804.4	801.2
82.5°	680.9	677.2	669.0	666.6	659.9	659.3	655.8	658.7	656.4	659.9	657.8
85°	488.0	489.0	485.4	485.4	483.5	484.1	483.8	486.0	486.3	489.6	489.5
87.5°	272.1	275.9	275.2	278.8	278.6	282.6	284.0	290.0	290.7	296.2	296.2
90°	125.4	129.2	125.3	129.3	127.7	133.0	132.4	137.6	136.3	140.8	138.2
92.5°	92.5	86.3	80.4	74.2	71.1	67.8	65.2	61.6	58.8	55.5	52.4
95°	116.3	106.0	95.6	85.3	81.7	78.1	74.6	71.0	67.6	64.0	60.5
97.5°	131.3	119.1	106.9	94.6	91.5	88.5	85.4	82.3	79.2	76.1	73.1
100°	179.0	156.2	133.5	110.5	108.0	105.3	102.7	100.2	97.5	94.8	92.2
102.5°	371.9	323.4	274.9	226.5	217.4	208.1	199.0	189.7	180.4	171.3	162.2
105°	703.1	624.5	546.1	467.6	442.6	417.7	392.8	367.8	342.8	317.9	293.0
107.5°	1068.7	989.0	909.4	829.6	783.8	737.7	691.5	645.3	599.4	553.1	507.0
110°	1273.9	1215.9	1157.7	1099.4	1062.5	1025.4	988.2	951.0	914.0	876.8	839.6



TEST NUMBER: P1444624  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1308.4	1266.7	1225.2	1183.4	1166.8	1149.8	1133.2	1116.3	1099.4	1082.4	1065.6
115°	1227.6	1199.6	1171.5	1143.1	1137.5	1131.4	1125.6	1119.5	1113.7	1107.6	1101.5
117.5°	1098.1	1082.3	1066.5	1050.7	1051.7	1052.7	1054.0	1054.8	1055.7	1056.3	1057.2
120°	964.0	957.2	950.7	944.0	949.3	954.3	959.6	964.4	969.3	974.0	978.9
122.5°	854.2	851.4	849.1	846.1	852.6	858.8	864.9	871.0	877.0	882.6	888.5
125°	768.1	766.7	765.5	763.9	770.5	776.8	783.0	789.0	795.0	800.7	806.5
127.5°	710.6	710.3	710.2	709.7	714.5	718.7	723.3	727.3	731.7	735.4	739.4
130°	670.5	669.8	669.3	668.5	672.8	676.8	681.0	684.5	688.5	691.7	695.3
132.5°	644.9	643.9	643.2	642.2	645.5	648.3	651.3	653.7	656.5	658.5	660.8
135°	623.6	622.4	621.5	620.2	623.1	625.9	628.6	630.9	633.4	635.2	637.3
137.5°	605.9	604.6	603.6	602.3	605.0	607.4	609.7	611.9	614.0	616.0	617.6
140°	590.5	589.0	587.8	586.1	588.5	590.6	592.8	594.6	596.6	598.0	599.6
142.5°	575.8	573.6	572.0	569.7	571.5	573.0	574.5	575.9	577.3	578.4	579.3
145°	566.2	563.6	561.5	559.0	560.3	561.5	562.8	563.9	564.8	565.5	566.4
147.5°	557.5	555.0	552.6	550.3	551.5	552.2	552.9	553.6	554.5	555.0	555.4
150°	548.8	546.0	543.6	541.0	541.8	542.5	543.0	543.8	544.5	544.8	545.2
152.5°	538.9	536.5	534.0	531.4	532.1	532.6	533.0	533.3	533.8	534.2	534.4
155°	533.1	530.9	528.9	526.5	527.2	527.5	527.8	528.1	528.3	528.5	528.6
157.5°	531.4	529.5	528.2	526.2	526.3	526.4	526.5	526.2	526.2	526.1	525.8
160°	530.5	529.1	527.6	526.0	525.9	525.9	526.0	525.6	525.6	525.2	524.9
162.5°	530.7	529.2	527.3	525.5	525.4	525.5	525.4	525.1	525.0	524.7	524.4
165°	532.9	531.6	530.4	529.0	528.8	528.5	528.4	527.8	527.5	526.8	526.4
167.5°	535.6	534.5	533.2	531.7	531.7	531.9	531.8	531.6	531.5	531.2	531.1
170°	539.0	537.9	537.0	535.8	535.5	535.4	535.1	534.9	534.4	534.1	533.6
172.5°	541.7	540.7	539.7	538.4	538.4	538.2	537.9	537.8	537.3	537.0	536.9
175°	540.6	540.0	539.0	538.3	538.1	538.0	537.8	537.7	537.4	537.2	536.9
177.5°	543.0	542.6	541.8	541.3	541.2	541.2	541.0	540.9	540.9	540.7	540.6
180°	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5



TEST NUMBER: P1444624  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	40202.2	40202.2
2.5°	40357.9	40355.8
5°	40507.9	40505.5
7.5°	40622.0	40621.3
10°	40635.5	40642.5
12.5°	40554.4	40560.0
15°	40317.6	40328.7
17.5°	39865.0	39879.4
20°	39085.2	39100.3
22.5°	37822.3	37828.5
25°	35986.3	35960.1
27.5°	33483.1	33438.3
30°	30301.1	30257.7
32.5°	26507.3	26480.2
35°	22236.6	22219.5
37.5°	17740.4	17705.6
40°	13375.5	13273.9
42.5°	9547.1	9368.8
45°	6597.9	6386.5
47.5°	4606.0	4475.4
50°	3491.2	3449.1
52.5°	2844.8	2835.0
55°	2400.3	2396.0
57.5°	2066.2	2064.7
60°	1803.9	1803.5
62.5°	1608.3	1609.0
65°	1470.5	1470.8
67.5°	1349.2	1348.3
70°	1208.9	1207.9
72.5°	1112.4	1110.8
75°	1037.9	1036.9
77.5°	931.8	930.2
80°	803.4	801.2
82.5°	660.8	658.4
85°	492.9	493.0
87.5°	301.6	301.5
90°	142.3	139.1
92.5°	49.6	46.9
95°	57.0	53.4
97.5°	70.0	67.0
100°	89.6	87.0
102.5°	152.9	143.8
105°	268.1	243.1
107.5°	460.9	414.8
110°	802.4	765.3



TEST NUMBER: P1444624  
CATALOG NUMBER: EHBR1-48-UNV-TA-L850-UPL40

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	1048.5	1031.6
115°	1094.9	1088.9
117.5°	1057.8	1058.3
120°	983.4	988.1
122.5°	893.7	899.3
125°	811.9	817.3
127.5°	742.9	746.3
130°	697.8	701.1
132.5°	662.5	664.3
135°	638.8	640.3
137.5°	618.7	620.1
140°	600.6	601.6
142.5°	580.0	580.7
145°	567.0	567.4
147.5°	555.3	555.7
150°	545.3	545.5
152.5°	534.3	534.5
155°	528.5	528.5
157.5°	525.3	525.1
160°	524.5	524.2
162.5°	524.0	523.8
165°	525.6	525.0
167.5°	530.6	530.5
170°	533.2	532.9
172.5°	536.4	536.1
175°	536.8	536.6
177.5°	540.6	540.4
180°	543.5	543.5

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



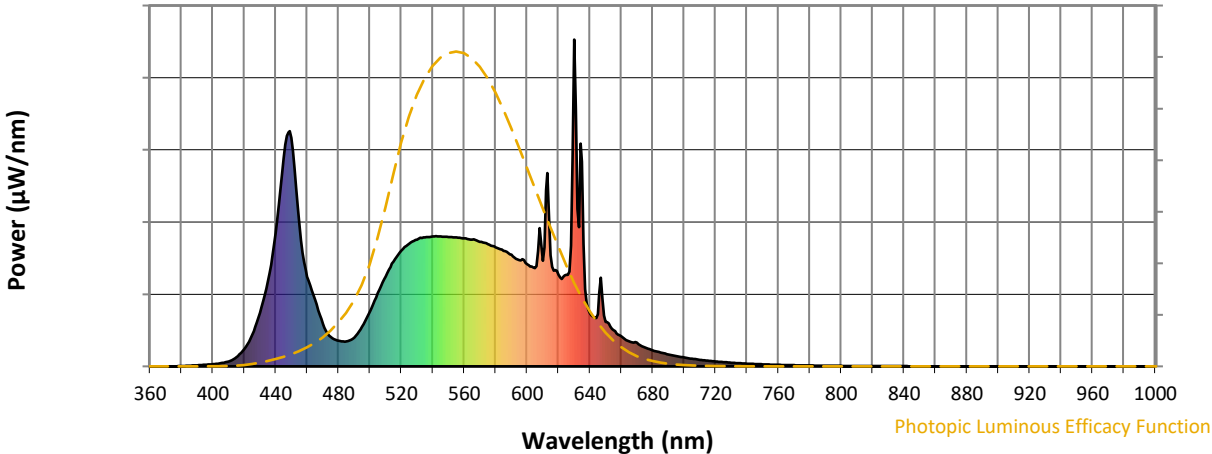
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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**

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

**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: NR**

**M/P: 3.71**

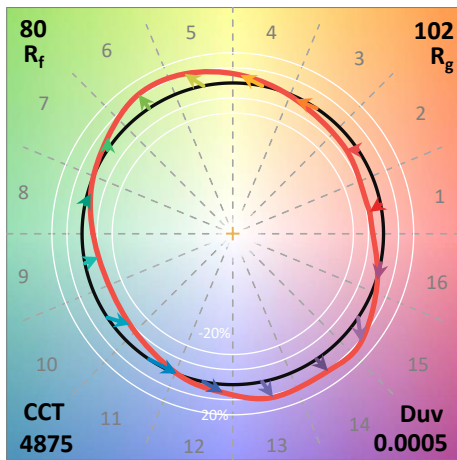
$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)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

**Summary**

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

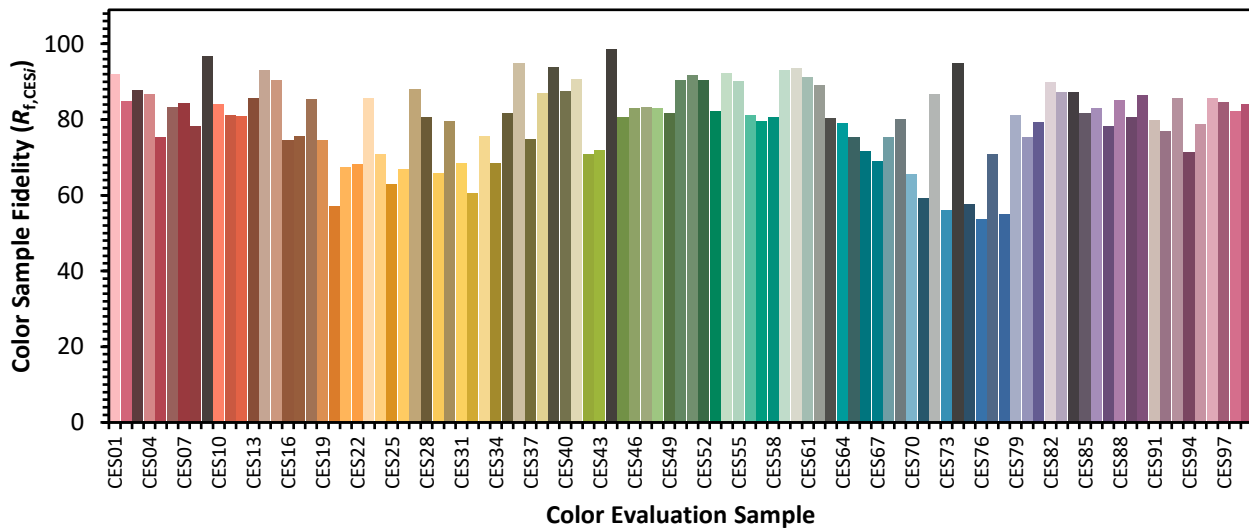


**Color Vector Graphics**

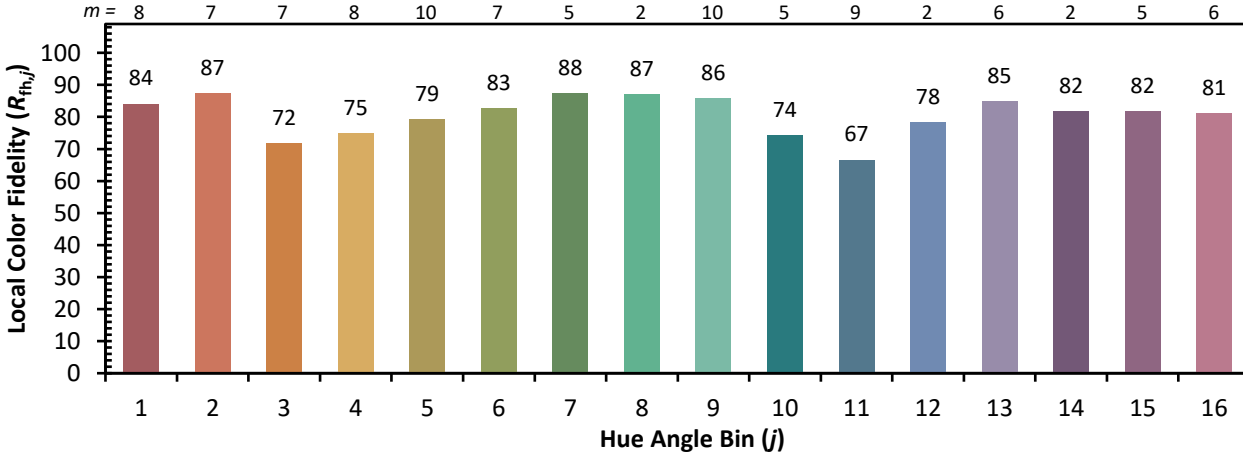


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

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)