

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: P1444784

Luminaire Tested: EHBR1-60-UNV-TA-L935-UPL40

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444784
REPORT IS A COMBINATION OF REPORTS P1444362 AND P1431635
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-60-UNV-TA-L935-UPL40
Description: Elevate Round Highbay at, 60000 lumens, 3500K 90CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

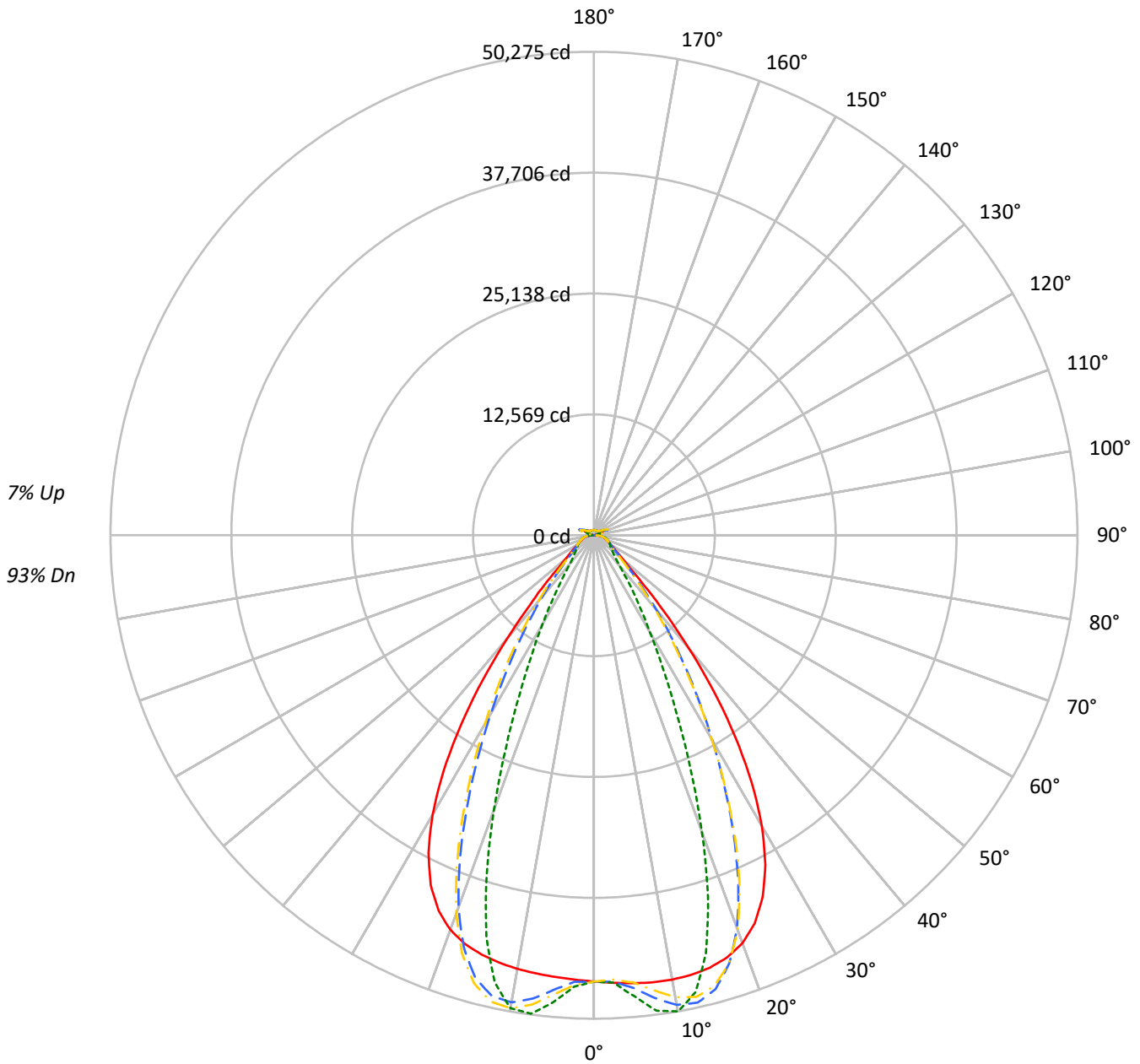
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 57244.7 lumens
Efficiency: N/A
Efficacy: 158.6 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 0.77 / 0.88
Luminous Opening: Vertical Cylinder (Dia: 1.71' x H: 0.1')
CIE Type: Direct

Input Watts (W): 361
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: P1444784
CATALOG NUMBER: EHBR1-60-UNV-TA-L935-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				
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	114	114	114	114	107	107	107	101	101	101	96	96	96	96	96	96	93
1	110	107	104	101	107	104	101	99	99	96	94	94	92	90	89	88	87	87	87	87	84
2	103	98	93	89	101	95	91	87	91	87	84	87	84	81	83	81	79	79	79	79	76
3	97	90	84	79	94	88	82	78	84	79	76	81	77	74	77	74	72	72	72	72	70
4	91	83	76	71	89	81	75	70	78	73	69	75	71	67	72	69	66	66	66	66	64
5	86	76	70	65	84	75	69	64	72	67	63	70	65	62	68	64	61	61	61	61	59
6	81	71	64	59	79	70	63	59	68	62	58	65	61	57	63	59	56	56	56	56	54
7	77	66	59	55	75	65	59	54	63	58	54	61	57	53	60	55	52	52	52	52	50
8	73	62	55	51	71	61	55	50	59	54	50	58	53	49	56	52	49	49	49	49	47
9	69	58	52	47	67	57	51	47	56	50	46	54	49	46	53	49	45	45	45	45	44
10	65	55	48	44	64	54	48	44	53	47	43	51	46	43	50	46	43	43	43	43	41

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	217936	217936	217936	217936
5°	218991	225377	215926	228329
10°	220819	236629	215524	235063
15°	221903	214502	215147	205865
20°	219608	159796	212421	147850
25°	207868	101062	200998	91696
30°	181588	60731	174555	55502
35°	139751	38109	131713	33758
40°	88405	23905	80884	22463
45°	45566	18623	44811	18317
50°	26715	16565	25895	16306
55°	20466	15672	19709	15531
60°	17317	16010	16580	15802
65°	16265	16718	15643	16148
70°	15892	17505	15100	16848
75°	16991	18565	16074	17745
80°	17583	20558	15941	18767
85°	16558	19834	13381	16986

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 69732 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4573.6	8.0
10°-20°	12866.0	22.5
20°-30°	14653.4	25.6
30°-40°	10532.2	18.4
40°-50°	4857.4	8.5
50°-60°	2324.5	4.1
60°-70°	1696.1	3.0
70°-80°	1288.5	2.3
80°-90°	592.3	1.0
90°-100°	111.5	0.2
100°-110°	626.6	1.1
110°-120°	1157.2	2.0
120°-130°	711.8	1.2
130°-140°	462.5	0.8
140°-150°	347.0	0.6
150°-160°	244.4	0.4
160°-170°	148.6	0.3
170°-180°	51.1	0.1
0°-30°	32093.0	56.1
0°-40°	42625.2	74.5
0°-60°	49807.2	87.0
0°-90°	53384.0	93.3
90°-120°	1895.3	3.3
90°-150°	3416.5	6.0
90°-180°	3861.0	6.7
0°-180°	57244.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	46408	46408	46408	46408	46408	
5°	46758	48122	46104	48752	46758	4468
15°	46554	45001	45137	43189	46554	13117
25°	41511	20182	40139	18312	41511	18818
35°	25649	6994	24174	6196	25649	15742
45°	7372	3013	7250	2964	7372	6270
55°	2766	2118	2664	2099	2766	2553
65°	1698	1745	1633	1686	1698	1696
75°	1197	1308	1132	1250	1197	1245
85°	569	682	460	584	569	535
90°	154	195	44	55	154	96
95°	51	56	51	57	51	48
105°	227	292	153	292	227	301
115°	1011	1222	1059	1223	1011	934
125°	766	797	866	799	766	697
135°	610	536	656	540	610	476
145°	548	527	583	534	548	346
155°	517	516	549	522	517	240
165°	519	517	538	520	519	147
175°	533	538	542	539	533	51
180°	540	540	540	540	540	



TEST NUMBER: P1444784
 CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9
2.5°	46585.2	46581.5	46580.8	46577.5	46576.6	46576.6	46575.1	46571.4	46568.9	46563.6	46557.6
5°	46758.1	46756.1	46757.2	46757.6	46754.3	46747.1	46735.8	46721.8	46704.3	46687.7	46673.0
7.5°	46891.7	46895.0	46899.2	46898.3	46888.1	46871.1	46847.9	46834.8	46842.5	46867.8	46925.6
10°	46916.1	46936.2	46943.9	46941.4	46921.2	46906.5	46912.2	46961.4	47059.2	47189.8	47368.4
12.5°	46821.1	46845.5	46844.6	46836.6	46817.0	46836.9	46908.1	47054.4	47264.2	47521.7	47823.8
15°	46554.0	46585.6	46576.6	46566.2	46553.1	46618.6	46760.9	47015.1	47339.1	47702.2	48073.9
17.5°	46035.4	46073.6	46055.0	46043.2	46032.1	46154.9	46399.3	46771.6	47179.7	47590.3	47942.6
20°	45135.8	45161.5	45117.3	45096.5	45114.0	45354.6	45714.6	46190.0	46620.2	47008.6	47249.3
22.5°	43667.9	43699.7	43616.6	43607.0	43709.5	44079.1	44534.6	45066.0	45470.3	45778.0	45870.8
25°	41511.1	41542.4	41443.7	41502.7	41677.1	42180.5	42723.0	43291.4	43636.2	43864.3	43801.3
27.5°	38599.9	38628.5	38534.9	38655.3	38931.0	39592.5	40231.0	40847.5	41154.9	41314.7	41112.3
30°	34928.4	34987.7	34877.2	35045.2	35466.0	36324.9	37056.3	37747.7	38054.2	38175.9	37860.7
32.5°	30567.7	30652.1	30530.1	30780.3	31367.4	32399.1	33230.0	34002.6	34341.5	34480.4	34124.5
35°	25649.4	25770.5	25630.6	26005.9	26730.2	27879.0	28799.1	29661.6	30063.0	30259.8	29901.2
37.5°	20438.6	20554.1	20478.4	20979.1	21774.4	22965.1	23904.3	24834.8	25288.2	25583.5	25300.7
40°	15322.9	15428.5	15485.7	16058.3	16806.3	17928.5	18830.7	19751.4	20258.5	20629.2	20454.9
42.5°	10815.0	10921.4	11116.1	11668.5	12292.4	13221.3	13994.1	14820.7	15305.2	15700.6	15633.4
45°	7372.4	7496.0	7739.9	8192.2	8643.4	9309.8	9877.3	10520.1	10915.9	11278.1	11282.4
47.5°	5166.2	5253.0	5471.0	5779.8	6073.9	6908.3	6942.5	7258.4	7524.5	7795.2	7830.3
50°	3981.5	4033.8	4149.4	4321.5	4488.1	4704.7	4903.1	5131.9	5295.7	5444.1	5479.6
52.5°	3272.5	3305.7	3364.6	3457.7	3554.4	3672.3	3778.3	3904.1	3993.2	4072.6	4089.4
55°	2765.8	2793.3	2880.9	2898.6	3009.2	3030.5	3077.6	3154.2	3206.0	3253.6	3265.5
57.5°	2383.5	2403.4	2422.0	2461.8	2495.8	2545.3	2585.2	2640.1	2672.8	2707.2	2710.1
60°	2081.8	2096.2	2109.5	2137.0	2160.2	2194.7	2222.1	2259.5	2282.9	2308.7	2311.6
62.5°	1857.3	1867.7	1876.5	1894.7	1911.2	1937.6	1959.5	1990.7	2012.5	2032.4	2036.9
65°	1697.7	1705.3	1711.0	1724.7	1739.2	1761.7	1781.5	1806.9	1823.0	1838.3	1841.6
67.5°	1556.3	1563.6	1569.4	1582.0	1592.0	1608.8	1622.1	1641.2	1653.2	1665.4	1665.7
70°	1394.4	1401.1	1405.5	1417.2	1425.3	1439.8	1450.4	1467.6	1480.0	1493.6	1497.1
72.5°	1282.2	1286.2	1292.2	1302.8	1314.0	1329.5	1343.8	1361.7	1376.6	1390.8	1396.7
75°	1196.9	1201.5	1205.5	1214.6	1222.4	1235.4	1246.1	1262.4	1275.5	1290.6	1298.0
77.5°	1073.7	1079.1	1082.5	1091.7	1098.4	1110.9	1118.8	1133.5	1144.1	1157.8	1164.5
80°	925.0	930.0	932.3	941.0	946.3	957.8	965.6	979.7	988.6	1002.4	1010.5
82.5°	760.0	764.9	766.2	774.3	777.3	786.7	792.4	806.8	817.9	835.7	848.1
85°	569.1	570.8	573.6	571.5	583.0	583.8	596.8	599.3	616.4	620.9	640.5
87.5°	347.9	353.1	355.6	363.6	367.1	374.9	377.4	385.8	390.4	400.1	404.5
90°	154.2	162.6	165.8	175.6	178.5	187.3	189.7	199.7	202.7	212.9	217.5
92.5°	44.8	47.6	50.2	53.7	56.5	60.4	63.6	66.9	69.9	73.5	79.3
95°	50.8	54.1	57.4	60.6	63.9	67.1	70.3	73.6	76.9	80.1	89.5
97.5°	63.6	66.4	69.2	72.1	74.9	77.8	80.6	83.4	86.2	88.8	100.1
100°	82.4	84.7	87.2	89.5	91.9	94.3	96.7	99.1	101.5	103.9	124.7
102.5°	135.1	143.6	152.1	160.5	168.9	177.3	185.9	194.1	202.7	211.1	255.4
105°	227.2	250.1	273.3	296.0	319.0	342.0	365.1	387.6	410.7	433.5	506.0
107.5°	386.2	428.5	471.0	513.6	556.1	598.4	641.0	683.4	725.7	767.8	841.4
110°	710.3	744.2	778.4	812.6	846.7	881.0	915.0	948.8	983.1	1017.1	1070.7



TEST NUMBER: P1444784
 CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	956.9	972.1	987.6	1003.0	1018.4	1033.7	1049.1	1064.3	1079.8	1094.8	1133.2
115°	1010.8	1016.1	1021.6	1026.8	1032.2	1037.4	1042.6	1047.7	1053.2	1058.0	1084.0
117.5°	983.8	982.7	981.7	980.6	979.3	978.2	977.0	975.6	974.3	972.9	987.4
120°	920.4	915.4	910.7	905.4	900.6	895.5	890.6	885.4	880.1	874.8	881.0
122.5°	840.0	834.0	828.5	822.2	816.3	810.1	804.2	797.6	791.8	785.4	787.5
125°	765.9	759.9	754.3	748.1	741.8	735.6	729.3	723.0	716.6	710.1	711.1
127.5°	702.1	698.0	693.8	689.1	684.6	679.9	675.2	670.4	665.9	660.7	660.8
130°	662.2	658.4	654.6	650.2	646.2	641.8	637.4	632.7	628.5	623.7	623.9
132.5°	630.0	627.4	624.6	621.4	618.3	614.6	611.4	607.6	604.2	600.7	600.9
135°	609.7	607.0	604.5	601.5	598.5	595.2	591.8	588.3	585.0	581.5	582.0
137.5°	592.7	590.4	587.9	585.1	582.4	579.0	576.1	572.7	569.6	566.2	566.6
140°	577.3	575.2	572.8	570.2	567.7	564.8	561.8	558.8	555.8	552.6	553.4
142.5°	559.6	557.6	555.9	553.7	551.6	549.0	546.6	543.8	541.4	538.6	539.9
145°	548.5	547.0	545.5	543.6	541.5	539.2	537.2	534.6	532.6	530.2	531.5
147.5°	538.9	537.6	536.5	534.9	533.4	531.3	529.4	527.3	525.5	523.5	524.9
150°	530.6	529.4	528.3	526.9	525.2	523.4	521.6	519.9	518.0	516.0	517.4
152.5°	521.3	520.1	519.1	517.7	516.2	514.2	512.9	511.0	509.4	507.5	508.6
155°	516.9	515.6	514.3	513.1	511.5	509.9	508.3	506.7	505.2	503.4	504.4
157.5°	515.0	513.7	512.8	511.4	510.4	509.1	507.7	506.4	505.1	503.8	504.4
160°	515.4	514.3	513.3	512.1	510.8	509.4	508.3	506.9	506.0	504.6	505.0
162.5°	516.3	515.2	514.0	512.8	511.6	510.3	509.1	508.1	506.9	505.6	506.3
165°	518.8	518.1	517.2	516.4	515.5	514.7	513.8	512.8	511.9	510.9	511.3
167.5°	525.1	524.1	523.3	522.3	521.1	520.3	519.1	518.1	517.3	516.2	516.5
170°	528.3	527.5	526.9	526.4	525.8	525.0	524.6	523.9	523.1	522.5	522.9
172.5°	532.1	531.5	531.1	530.7	530.0	529.7	529.2	528.7	528.3	527.7	528.4
175°	533.1	532.6	532.5	532.1	531.7	531.4	531.2	530.9	530.9	530.4	530.7
177.5°	536.9	536.7	536.7	536.5	536.5	536.5	536.3	535.9	535.7	535.7	536.0
180°	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2



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 CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9
2.5°	46553.1	46547.4	46539.6	46529.8	46521.4	46511.6	46488.4	46481.5	46489.2	46494.4	46505.1
5°	46663.7	46667.0	46668.2	46689.3	46707.6	46753.1	47110.2	47252.1	47361.8	47431.5	47537.2
7.5°	46997.2	47104.5	47210.6	47353.3	47476.5	47642.8	48267.6	48533.4	48722.4	48858.3	49025.5
10°	47562.3	47796.6	48016.2	48273.5	48494.7	48748.1	49329.6	49588.6	49752.2	49871.2	49982.3
12.5°	48131.6	48456.5	48750.2	49036.5	49275.9	49495.5	49700.1	49790.7	49798.4	49802.2	49743.2
15°	48428.2	48738.8	48997.4	49186.8	49327.5	49389.8	49037.7	48853.0	48619.6	48427.3	48111.0
17.5°	48241.0	48427.3	48539.1	48528.1	48469.9	48275.3	47278.0	46729.5	46185.0	45694.3	45050.9
20°	47409.1	47394.8	47297.7	47022.3	46690.5	46174.6	44465.0	43478.5	42524.9	41687.2	40671.1
22.5°	45861.3	45617.8	45278.3	44684.6	44024.9	43123.5	40673.5	39222.6	37895.0	36722.1	35408.3
25°	43618.7	43117.7	42491.4	41548.9	40523.9	39209.2	36189.4	34384.8	32790.7	31408.2	29892.3
27.5°	40748.6	39993.9	39076.2	37771.6	36383.0	34698.6	31350.7	29359.1	27647.9	26165.7	24552.2
30°	37350.7	36369.2	35184.1	33565.0	31890.0	29979.6	26584.2	24566.9	22834.9	21310.0	19695.3
32.5°	33510.8	32361.2	30972.5	29155.2	27343.9	25379.7	22100.5	20147.8	18493.3	17026.3	15564.8
35°	29275.7	28042.8	26573.7	24720.1	22919.5	21009.9	18001.0	16240.3	14779.2	13482.6	12302.5
37.5°	24732.6	23522.1	22125.8	20378.8	18709.1	16978.6	14382.4	12907.0	11681.0	10604.8	9693.6
40°	20009.2	18949.9	17741.7	16231.4	14806.4	13365.3	11234.1	10063.0	9095.4	8274.6	7591.8
42.5°	15343.5	14522.6	13596.1	12402.6	11312.2	10214.9	8574.6	7706.9	6990.2	6399.3	5916.6
45°	11132.3	10583.1	9961.6	9132.0	8377.5	7612.1	6444.6	5834.9	5368.1	4987.1	4665.0
47.5°	7782.0	7463.4	7444.0	6677.3	6124.0	5656.0	4903.9	4518.8	4232.7	4001.9	3798.0
50°	5465.1	5311.0	5119.6	4845.9	4589.1	4324.6	3866.4	3633.6	3466.0	3326.1	3197.2
52.5°	4085.6	4005.5	3903.6	3758.4	3619.2	3470.5	3180.5	3032.2	2979.6	2849.4	2747.3
55°	3263.2	3217.3	3159.4	3074.0	2989.4	2955.5	2707.0	2596.9	2527.3	2475.8	2421.0
57.5°	2710.6	2676.4	2641.9	2584.2	2535.2	2475.8	2343.9	2287.5	2246.1	2215.8	2177.8
60°	2312.1	2291.7	2272.3	2238.5	2212.0	2180.0	2096.2	2064.4	2042.8	2024.6	2000.3
62.5°	2040.7	2030.2	2020.2	2002.2	1988.8	1971.4	1914.1	1898.9	1888.0	1878.8	1864.0
65°	1844.8	1837.2	1831.7	1819.7	1813.0	1802.9	1753.7	1743.3	1736.6	1733.4	1724.7
67.5°	1666.8	1658.9	1655.2	1646.7	1643.9	1637.6	1597.3	1591.6	1589.4	1590.4	1587.3
70°	1500.3	1497.1	1498.7	1497.3	1501.2	1502.3	1478.0	1477.8	1480.3	1485.5	1486.0
72.5°	1400.6	1400.6	1402.5	1403.3	1406.9	1408.6	1388.3	1387.3	1388.5	1392.3	1392.5
75°	1305.6	1307.1	1312.3	1314.0	1318.3	1319.2	1292.3	1289.3	1289.4	1293.1	1291.9
77.5°	1174.2	1179.9	1189.6	1194.8	1203.1	1204.6	1174.5	1170.9	1171.1	1174.7	1171.6
80°	1025.1	1035.9	1051.5	1062.4	1075.1	1080.3	1049.3	1041.9	1035.0	1034.0	1027.9
82.5°	866.6	880.0	898.6	908.5	922.1	925.2	873.3	863.6	857.7	858.2	852.6
85°	661.6	671.6	688.6	694.2	702.6	701.9	642.8	617.5	624.2	613.7	621.9
87.5°	415.0	420.9	431.5	432.9	436.9	436.0	376.5	364.8	361.4	361.5	357.3
90°	228.7	234.2	245.0	246.6	254.4	255.0	208.5	204.5	198.9	199.9	192.6
92.5°	85.6	91.4	97.5	103.3	109.4	115.5	115.9	120.2	114.7	108.2	102.8
95°	99.1	108.6	118.1	127.7	137.2	146.7	156.3	165.9	157.0	147.9	139.0
97.5°	111.4	122.7	133.8	145.1	156.3	167.7	178.9	190.2	180.7	170.8	161.2
100°	145.8	166.9	187.7	208.8	229.7	250.7	271.8	292.8	274.3	255.6	237.1
102.5°	299.9	344.7	389.2	433.7	478.3	523.0	567.8	612.5	570.1	527.4	484.9
105°	578.2	650.6	722.9	794.9	867.2	939.5	1012.3	1084.6	1016.7	948.8	881.0
107.5°	914.7	988.1	1061.1	1134.3	1207.7	1281.0	1355.0	1428.4	1362.1	1295.6	1229.4
110°	1124.2	1177.4	1230.9	1284.3	1337.6	1390.9	1445.5	1499.0	1459.1	1419.1	1379.3



TEST NUMBER: P1444784
 CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	1171.1	1209.4	1247.6	1285.4	1323.3	1361.6	1401.2	1439.6	1419.4	1399.0	1379.1
115°	1109.3	1135.3	1160.6	1186.2	1211.8	1237.2	1264.6	1290.7	1284.0	1277.3	1270.8
117.5°	1001.5	1015.7	1030.0	1044.0	1058.0	1072.2	1088.9	1103.3	1103.9	1104.8	1105.7
120°	886.7	892.6	898.3	904.2	909.6	915.4	924.0	930.3	935.4	940.2	945.3
122.5°	789.4	791.5	793.3	795.3	797.1	799.0	804.2	807.0	810.2	813.5	816.9
125°	711.8	712.6	713.3	714.1	714.5	715.2	719.9	721.2	721.1	720.8	720.6
127.5°	660.4	660.4	660.1	660.0	659.4	659.2	663.1	663.6	661.0	658.3	655.5
130°	624.1	624.2	624.2	624.3	624.5	624.6	629.0	630.3	625.7	621.0	616.6
132.5°	601.1	601.4	601.4	602.1	602.3	602.4	607.4	608.8	603.9	598.5	593.4
135°	582.2	582.9	583.2	583.7	584.0	584.9	590.3	592.0	587.3	582.1	577.2
137.5°	566.8	567.4	567.7	568.5	568.9	569.5	575.7	577.5	573.7	569.4	565.6
140°	554.0	554.7	555.4	556.3	556.9	558.1	564.7	566.9	563.9	560.6	557.2
142.5°	540.7	542.2	543.4	544.9	546.2	547.8	555.5	558.3	555.9	553.2	551.0
145°	532.7	534.6	535.9	537.8	539.4	541.4	550.1	553.4	551.9	550.1	548.3
147.5°	525.8	527.3	528.8	530.3	531.8	534.0	543.1	546.3	545.5	544.2	543.2
150°	518.6	520.2	521.6	523.3	525.2	527.2	537.5	541.3	540.4	539.4	538.5
152.5°	509.9	511.2	512.5	514.2	515.6	517.4	529.8	533.9	533.3	532.1	531.5
155°	505.2	506.2	507.0	508.4	509.4	511.1	524.3	528.4	527.8	527.3	526.7
157.5°	504.8	505.3	505.8	506.6	507.5	508.3	522.2	526.5	525.8	525.3	524.8
160°	505.3	505.7	506.0	506.6	507.0	507.6	522.0	525.9	525.6	524.9	524.3
162.5°	506.7	507.7	508.2	508.9	509.5	510.5	524.9	529.4	528.6	527.8	527.0
165°	511.5	511.7	512.0	512.4	512.7	513.3	526.8	530.4	530.0	529.4	528.8
167.5°	516.8	517.3	517.5	518.1	518.5	519.2	531.8	535.4	535.0	534.4	534.0
170°	523.0	523.6	523.7	524.2	524.8	525.5	535.9	538.9	538.5	537.5	537.0
172.5°	528.7	529.4	529.8	530.5	530.9	531.7	540.5	543.3	543.0	542.3	541.7
175°	531.1	531.5	531.9	532.6	533.1	533.6	540.5	542.5	542.3	542.1	541.7
177.5°	536.5	536.6	537.1	537.5	538.0	538.4	542.6	543.9	543.7	543.7	543.6
180°	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2



TEST NUMBER: P1444784
 CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9
2.5°	46507.6	46523.9	46526.2	46545.3	46543.8	46566.5	46562.9	46581.5	46570.6	46586.0	46573.1
5°	47599.9	47698.9	47750.7	47847.4	47877.9	47964.5	47988.9	48067.8	48071.1	48133.7	48119.5
7.5°	49144.2	49290.2	49376.9	49496.4	49557.0	49656.5	49700.4	49774.1	49797.7	49856.3	49860.7
10°	50066.4	50137.2	50186.8	50220.1	50250.6	50264.9	50281.6	50277.1	50281.6	50275.0	50289.3
12.5°	49703.6	49600.1	49531.7	49402.0	49326.9	49183.6	49113.2	48975.5	48925.4	48807.1	48790.1
15°	47866.6	47505.8	47250.8	46880.1	46647.0	46282.2	46068.8	45739.7	45589.4	45327.8	45259.2
17.5°	44518.3	43848.5	43330.1	42665.2	42203.8	41582.3	41191.6	40677.1	40395.4	39980.5	39836.9
20°	39824.0	38833.0	38055.4	37129.2	36466.3	35640.5	35111.7	34444.9	34057.8	33548.3	33341.8
22.5°	34312.8	33078.9	32107.9	31013.7	30213.9	29293.6	28660.1	27938.6	27517.4	26963.9	26718.9
25°	28632.4	27271.8	26192.2	25039.3	24194.3	23271.7	22638.1	21929.4	21493.5	20968.0	20724.5
27.5°	23199.7	21822.3	20779.0	19707.1	18932.0	18099.6	17527.9	16909.0	16522.2	16073.7	15844.5
30°	18405.4	17190.5	16302.8	15413.2	14768.4	14092.2	13617.2	13104.3	12765.0	12380.9	12162.7
32.5°	14499.4	13561.5	12866.3	12160.5	11632.7	11067.7	10657.3	10204.7	9898.4	9555.4	9357.8
35°	11483.3	10754.6	10200.1	9619.1	9165.7	8684.4	8322.7	7932.2	7657.3	7362.0	7191.4
37.5°	9073.0	8493.6	8037.2	7554.6	7182.3	6783.6	6649.3	6201.0	5916.2	5680.6	5517.4
40°	7120.5	6659.8	6282.2	5913.2	5609.4	5307.0	5064.4	4824.9	4641.0	4472.6	4355.9
42.5°	5560.5	5226.7	4951.0	4680.6	4459.1	4238.8	4063.0	3898.0	3774.2	3664.0	3588.8
45°	4420.4	4190.8	3999.2	3808.8	3652.4	3505.4	3387.0	3281.8	3201.8	3135.6	3088.7
47.5°	3631.5	3474.2	3339.1	3210.6	3104.4	3008.2	2928.9	2903.1	2817.1	2759.1	2737.1
50°	3086.2	2991.3	2888.7	2793.9	2723.0	2652.5	2601.1	2550.7	2518.5	2491.9	2483.8
52.5°	2679.3	2606.7	2549.6	2489.6	2442.8	2392.6	2357.2	2323.6	2305.9	2292.0	2290.3
55°	2376.8	2326.0	2288.2	2248.0	2220.0	2190.5	2172.1	2154.3	2146.6	2139.6	2140.1
57.5°	2147.8	2114.0	2089.4	2063.3	2048.1	2034.0	2029.4	2024.9	2027.3	2028.3	2032.3
60°	1981.1	1959.0	1943.5	1928.6	1922.2	1917.7	1921.1	1925.1	1933.2	1939.7	1945.6
62.5°	1853.3	1840.7	1833.1	1825.0	1824.3	1824.7	1831.6	1838.3	1848.4	1856.0	1861.7
65°	1721.7	1714.4	1712.1	1706.9	1709.4	1711.0	1719.2	1724.4	1734.5	1740.6	1747.8
67.5°	1588.7	1587.0	1588.5	1588.5	1593.1	1597.1	1605.0	1610.9	1619.5	1625.0	1630.8
70°	1490.5	1491.2	1494.8	1495.4	1500.4	1503.2	1510.1	1513.8	1521.6	1526.3	1533.3
72.5°	1395.0	1393.5	1394.4	1392.1	1393.8	1393.1	1396.9	1398.8	1405.4	1409.0	1417.6
75°	1293.4	1289.1	1288.1	1283.5	1283.5	1280.3	1281.8	1281.7	1286.0	1287.7	1293.9
77.5°	1170.6	1163.4	1159.9	1152.2	1152.0	1149.0	1152.2	1154.1	1161.6	1165.3	1172.3
80°	1023.7	1012.4	1007.2	998.2	999.8	999.3	1006.8	1012.6	1021.8	1023.5	1032.5
82.5°	850.9	839.4	833.8	825.0	827.1	827.3	834.2	835.4	843.4	846.9	857.2
85°	609.2	613.7	601.4	602.3	599.7	604.5	609.2	615.0	621.7	633.0	641.5
87.5°	358.8	357.3	361.5	362.1	368.2	371.5	381.5	387.2	398.3	407.1	422.9
90°	191.5	184.3	186.3	183.0	187.6	184.4	188.8	184.9	190.5	190.1	197.5
92.5°	96.1	90.4	83.8	78.1	71.7	66.3	62.8	60.5	57.2	55.0	51.5
95°	130.1	121.2	112.3	103.4	94.5	85.6	82.4	79.1	75.9	72.6	69.4
97.5°	151.7	142.1	132.6	122.9	113.3	103.8	101.6	99.4	97.2	95.1	92.9
100°	218.6	200.1	181.7	163.0	144.7	126.2	124.4	122.7	121.0	119.3	117.5
102.5°	442.6	400.1	357.8	315.3	273.0	230.5	223.1	215.7	208.4	200.9	193.6
105°	812.9	745.0	677.1	609.2	541.5	473.7	453.5	433.0	412.8	392.6	372.5
107.5°	1163.1	1096.8	1030.8	964.6	898.4	832.3	800.2	768.3	736.0	704.1	672.3
110°	1339.1	1299.2	1259.6	1219.6	1179.9	1140.3	1109.5	1079.2	1048.4	1018.0	987.5



TEST NUMBER: P1444784
 CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	1358.9	1338.8	1318.6	1298.8	1278.9	1258.8	1243.8	1228.9	1214.1	1199.2	1184.0
115°	1264.0	1257.5	1250.9	1244.5	1238.2	1231.6	1230.3	1229.3	1228.0	1227.0	1225.9
117.5°	1106.4	1107.4	1108.0	1109.2	1110.2	1111.2	1119.0	1126.5	1134.4	1142.4	1150.5
120°	950.2	955.3	960.2	965.3	970.4	975.7	985.8	996.3	1006.8	1017.6	1028.4
122.5°	820.0	823.4	826.6	830.1	833.6	837.0	847.1	857.4	867.6	878.1	888.9
125°	720.0	719.7	719.4	719.0	718.7	718.7	726.9	735.2	743.6	752.5	761.0
127.5°	652.6	649.6	646.7	644.0	641.0	638.5	643.0	647.8	652.5	657.5	662.4
130°	611.9	607.2	602.3	597.9	593.0	588.6	590.0	591.7	593.2	595.0	596.8
132.5°	587.9	582.8	577.3	571.9	566.5	561.3	560.7	560.1	559.5	559.3	559.1
135°	572.1	567.3	561.9	556.8	551.5	546.7	545.0	543.2	541.6	540.1	538.7
137.5°	561.5	557.3	553.1	549.1	544.7	540.6	538.1	536.3	533.9	532.5	530.4
140°	553.8	550.6	547.0	543.6	540.2	536.9	534.7	533.1	531.2	529.7	528.0
142.5°	548.1	545.5	542.9	540.4	537.7	535.2	533.2	531.6	529.8	528.4	526.7
145°	546.5	544.8	542.9	541.1	539.3	537.5	535.8	534.6	533.2	531.8	530.8
147.5°	542.0	540.6	539.4	538.2	536.7	535.5	534.3	533.6	532.3	531.6	530.6
150°	537.2	536.1	534.8	534.0	532.5	531.5	530.7	530.0	529.2	528.8	528.1
152.5°	530.1	529.3	528.1	527.2	525.9	524.9	524.2	523.8	523.1	522.7	521.9
155°	525.8	525.1	524.2	523.5	522.5	522.0	521.1	520.2	519.6	518.9	518.1
157.5°	524.0	523.4	522.5	522.0	521.0	520.3	519.6	518.9	518.1	517.5	516.7
160°	523.7	523.1	522.3	521.6	521.0	520.2	519.1	518.4	517.3	516.7	515.5
162.5°	526.1	525.2	524.4	523.6	522.4	521.8	520.9	520.1	519.5	518.8	518.0
165°	528.1	527.5	526.8	526.1	525.6	524.9	523.9	523.0	522.0	521.3	520.2
167.5°	533.3	532.8	532.1	531.6	530.7	530.0	529.3	528.4	527.5	526.6	525.5
170°	536.5	535.5	535.0	534.2	533.4	532.5	531.8	530.8	529.9	529.4	528.3
172.5°	541.2	540.7	540.0	539.4	538.5	538.0	537.5	536.7	536.0	535.2	534.6
175°	541.5	541.4	541.2	540.6	540.4	540.2	539.8	539.6	539.3	539.1	538.6
177.5°	543.6	543.4	543.4	543.1	542.9	542.9	542.5	542.3	541.9	541.5	541.3
180°	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2



TEST NUMBER: P1444784
 CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9
2.5°	46586.5	46574.6	46580.2	46558.4	46563.6	46537.3	46534.8	46505.1	46502.2	46474.1	46463.7
5°	48163.8	48137.9	48167.0	48121.5	48130.4	48071.1	48066.1	47989.4	47962.9	47867.0	47825.5
7.5°	49897.3	49887.5	49905.4	49867.2	49866.0	49813.0	49791.2	49722.4	49679.8	49579.0	49514.7
10°	50277.1	50286.0	50271.4	50275.0	50254.4	50248.7	50227.6	50214.2	50179.5	50153.4	50114.9
12.5°	48700.1	48709.6	48649.4	48687.5	48657.5	48727.8	48722.1	48805.0	48817.7	48922.6	48962.3
15°	45055.3	45044.0	44928.6	45001.3	44962.4	45116.8	45151.3	45359.1	45470.3	45737.0	45900.9
17.5°	39549.5	39519.8	39357.3	39445.8	39400.8	39628.4	39704.8	40037.1	40244.4	40674.1	40980.5
20°	32986.3	32929.3	32739.1	32842.8	32796.3	33055.1	33164.1	33565.7	33833.0	34402.3	34807.3
22.5°	26341.5	26251.6	26065.2	26162.1	26118.2	26386.1	26528.1	26931.0	27237.2	27821.7	28294.4
25°	20374.5	20294.3	20114.3	20182.0	20165.7	20392.4	20518.7	20899.8	21200.6	21757.3	22208.6
27.5°	15540.1	15456.7	15294.0	15342.0	15325.5	15518.6	15637.6	15956.0	16214.9	16683.5	17079.8
30°	11893.7	11793.1	11655.1	11681.6	11670.3	11826.8	11937.9	12206.0	12427.9	12824.0	13165.4
32.5°	9116.5	9015.3	8888.6	8901.0	8884.3	9007.1	9098.6	9331.8	9525.2	9861.9	10159.1
35°	6975.4	7093.6	6822.8	6994.3	6815.8	7077.9	6983.6	7129.3	7295.6	7579.4	7827.2
37.5°	5362.4	5280.0	5210.4	5203.0	5202.6	5263.3	5335.1	5475.4	5622.0	5833.3	6051.7
40°	4249.4	4191.7	4146.5	4143.3	4146.5	4189.8	4242.7	4339.8	4447.1	4598.9	4759.4
42.5°	3524.5	3486.1	3458.9	3457.1	3465.6	3496.3	3533.1	3590.7	3660.6	3758.9	3869.0
45°	3050.4	3029.1	3014.0	3013.2	3017.1	3033.1	3054.2	3090.2	3134.4	3195.8	3265.5
47.5°	2717.8	2712.6	2703.2	2703.6	2699.2	2705.8	2708.2	2728.3	2751.9	2798.2	2889.1
50°	2475.6	2475.6	2469.1	2468.7	2462.6	2462.2	2457.1	2465.0	2476.0	2504.7	2533.8
52.5°	2284.2	2283.6	2276.5	2275.2	2268.6	2268.3	2263.7	2266.9	2268.5	2282.9	2300.3
55°	2134.6	2130.1	2120.8	2117.9	2115.4	2119.1	2117.4	2117.5	2115.7	2121.7	2126.9
57.5°	2027.3	2021.5	2012.7	2010.1	2009.4	2013.9	2014.0	2012.5	2004.4	1998.9	1991.2
60°	1942.4	1936.5	1927.0	1924.6	1925.9	1932.2	1931.8	1926.7	1914.6	1904.1	1892.0
62.5°	1858.9	1856.5	1851.7	1851.0	1849.8	1850.8	1846.6	1841.0	1829.2	1818.0	1804.7
65°	1746.9	1748.1	1744.5	1745.0	1740.8	1740.1	1733.5	1728.2	1716.1	1706.0	1692.4
67.5°	1630.7	1631.6	1628.6	1628.6	1626.4	1626.7	1622.8	1617.8	1607.6	1599.4	1588.9
70°	1534.9	1537.3	1535.6	1536.0	1533.3	1532.3	1526.1	1521.3	1510.8	1503.9	1494.4
72.5°	1420.1	1425.3	1425.1	1426.4	1422.2	1420.1	1412.8	1406.7	1397.3	1391.8	1384.2
75°	1296.3	1303.0	1304.9	1307.8	1302.0	1298.9	1290.8	1286.0	1278.3	1275.0	1270.0
77.5°	1175.4	1182.8	1189.8	1196.4	1186.9	1178.5	1168.3	1160.6	1149.6	1145.3	1137.5
80°	1039.7	1052.8	1068.4	1081.5	1064.5	1047.3	1030.6	1018.2	1003.6	997.6	987.9
82.5°	862.6	876.0	884.9	893.4	881.5	868.9	852.8	841.9	826.1	820.2	809.1
85°	655.3	672.0	677.3	681.7	674.2	667.5	652.4	631.9	621.9	606.2	598.2
87.5°	431.1	441.0	442.9	444.5	439.8	436.5	426.7	417.1	400.1	387.6	372.5
90°	195.3	200.2	194.6	195.3	191.1	193.3	185.2	183.6	171.4	167.8	157.1
92.5°	49.0	45.7	43.1	40.1	43.7	45.9	49.3	51.5	54.8	57.2	60.5
95°	66.2	62.9	59.6	56.4	59.0	61.5	64.2	66.8	69.3	72.0	74.6
97.5°	90.7	88.5	86.4	84.2	85.7	87.3	88.7	90.3	91.8	93.4	95.0
100°	115.7	114.0	112.3	110.6	110.6	110.6	110.6	110.6	110.6	110.6	110.6
102.5°	186.2	178.8	171.4	164.0	169.0	174.0	179.0	184.0	189.1	194.0	199.2
105°	352.3	332.1	312.0	291.7	311.2	330.8	350.3	369.9	389.4	409.3	428.8
107.5°	640.2	608.3	576.4	544.5	580.3	615.9	651.5	687.1	722.6	758.2	794.2
110°	957.2	926.8	896.5	866.1	903.9	941.6	979.4	1017.1	1055.0	1092.7	1130.8



TEST NUMBER: P1444784
 CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	1169.3	1154.6	1139.8	1125.0	1149.3	1173.6	1197.9	1222.5	1246.9	1271.4	1295.7
115°	1224.9	1224.0	1223.2	1222.3	1233.8	1245.3	1256.8	1268.5	1280.1	1291.6	1303.4
117.5°	1158.4	1166.4	1174.7	1182.9	1186.7	1190.4	1194.2	1197.9	1202.0	1205.8	1209.8
120°	1039.3	1049.9	1060.9	1072.0	1070.5	1068.9	1067.6	1066.0	1065.0	1063.7	1062.9
122.5°	899.6	910.4	921.5	932.3	929.1	925.8	922.7	919.7	916.8	913.9	911.2
125°	770.1	778.9	788.1	797.3	794.0	790.8	787.7	784.9	782.0	779.1	776.6
127.5°	668.0	673.6	678.8	684.6	683.0	681.5	680.6	679.2	678.1	677.3	676.7
130°	599.0	601.3	603.9	606.2	606.7	607.1	608.0	608.8	610.0	610.9	612.3
132.5°	559.5	559.5	559.9	560.4	562.1	563.8	566.1	568.2	570.8	573.0	576.2
135°	537.8	536.9	536.1	535.6	538.3	540.7	543.5	546.5	550.1	553.5	557.1
137.5°	529.0	527.5	526.6	525.2	527.8	530.4	533.4	536.4	539.5	543.1	546.9
140°	526.8	525.5	524.8	523.6	526.2	528.7	531.6	534.6	537.8	541.4	544.9
142.5°	525.6	524.1	523.4	522.6	524.6	527.0	529.9	532.5	535.5	538.5	541.8
145°	529.7	528.7	528.0	527.3	528.8	530.6	532.6	534.6	536.9	539.0	541.8
147.5°	529.8	529.2	528.8	528.3	529.6	530.7	532.2	533.5	535.4	537.0	538.9
150°	527.9	527.2	527.0	526.8	527.6	528.2	529.3	529.9	531.2	532.2	533.7
152.5°	521.8	521.1	521.2	520.9	521.4	522.0	523.0	523.7	524.7	525.5	526.9
155°	517.7	517.2	516.7	516.2	516.2	516.3	516.7	516.8	517.4	517.7	518.2
157.5°	516.3	515.6	515.3	514.6	514.4	514.2	514.3	514.2	514.3	514.1	514.3
160°	515.0	514.0	513.2	512.4	512.6	512.3	512.5	512.3	512.6	512.7	512.9
162.5°	517.4	516.8	516.2	515.5	515.2	514.5	514.2	513.4	513.2	512.8	512.6
165°	519.3	518.4	517.7	516.6	516.4	516.2	515.9	515.5	515.4	515.2	515.2
167.5°	524.9	523.9	523.0	522.2	521.7	520.7	520.3	519.7	519.1	518.5	518.3
170°	527.7	526.8	526.2	525.5	525.2	524.7	524.5	523.9	523.8	523.6	523.6
172.5°	534.1	533.4	532.7	532.2	531.9	531.6	531.4	531.2	530.8	530.8	530.7
175°	538.5	538.1	537.9	537.5	537.2	536.9	536.5	536.4	536.1	535.7	535.5
177.5°	540.8	540.4	540.2	540.0	539.8	539.8	539.8	539.8	539.8	539.6	539.4
180°	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2



TEST NUMBER: P1444784
 CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9
2.5°	46433.6	46421.4	46389.2	46373.3	46343.6	46328.6	46305.4	46290.5	46271.7	46257.8	46250.5
5°	47720.0	47660.8	47541.7	47468.4	47339.9	47255.4	47127.8	47034.1	46902.4	46805.2	46680.8
7.5°	49393.9	49302.8	49150.3	49034.8	48855.0	48717.6	48515.9	48354.6	48131.6	47946.6	47718.9
10°	50075.3	50022.2	49953.8	49879.5	49779.9	49682.2	49544.4	49404.1	49216.9	49030.9	48787.6
12.5°	49068.1	49118.2	49216.9	49263.0	49338.6	49364.1	49398.7	49382.5	49352.0	49275.9	49165.6
15°	46215.6	46424.6	46754.8	46983.3	47303.3	47528.1	47825.5	48017.0	48237.5	48369.2	48494.4
17.5°	41523.3	41927.5	42510.2	42975.1	43599.2	44106.7	44728.4	45216.9	45780.9	46213.5	46674.1
20°	35513.1	36079.2	36883.6	37566.8	38471.1	39238.1	40220.4	41043.5	42003.6	42803.8	43667.6
22.5°	29044.7	29710.5	30632.2	31456.2	32536.1	33500.7	34731.6	35819.8	37117.7	38280.4	39566.5
25°	22942.4	23594.9	24533.8	25387.1	26552.8	27615.4	28960.2	30208.6	31714.7	33119.2	34731.6
27.5°	17709.3	18288.9	19114.3	19882.2	20950.0	21993.2	23357.9	24689.1	26296.2	27805.6	29543.3
30°	13676.6	14146.8	14808.1	15425.9	16283.1	17136.2	18351.9	19583.0	21182.2	22746.3	24527.8
32.5°	10598.9	10999.8	11551.9	12053.5	12713.9	13357.2	14252.4	15236.2	16639.0	18137.2	19859.8
35°	8204.7	8547.7	9017.6	9449.7	9992.8	10503.4	11171.5	11873.7	12944.2	14204.4	15746.0
37.5°	6541.2	6681.1	7016.4	7370.4	7821.5	8241.3	8763.7	9283.0	10048.9	11043.2	12302.5
40°	4974.6	5196.6	5469.5	5748.4	6089.9	6426.5	6999.8	7275.8	7780.1	8493.9	9471.3
42.5°	4013.8	4170.0	4362.1	4555.9	4793.9	5028.4	5318.3	5613.7	5990.7	6474.2	7169.3
45°	3358.9	3460.6	3584.5	3713.7	3870.0	4030.0	4224.1	4427.0	4682.4	4979.6	5401.8
47.5°	2921.3	2977.6	3058.4	3146.6	3253.8	3364.6	3490.8	3620.0	3778.7	3954.9	4195.4
50°	2579.7	2626.7	2689.4	2748.4	2822.4	2936.0	2986.0	3057.3	3152.8	3256.5	3391.0
52.5°	2332.5	2363.9	2403.2	2437.1	2483.9	2526.4	2582.1	2631.3	2697.4	2759.6	2846.5
55°	2140.1	2151.4	2173.8	2195.7	2228.0	2257.0	2295.3	2327.5	2369.5	2406.8	2461.6
57.5°	1991.5	1992.6	2002.9	2014.2	2035.0	2053.3	2079.6	2100.7	2130.0	2153.7	2186.5
60°	1884.7	1879.0	1881.1	1885.1	1896.8	1908.6	1925.5	1939.2	1957.7	1971.1	1989.5
62.5°	1795.8	1786.8	1784.7	1783.7	1789.5	1793.9	1803.1	1809.8	1820.2	1826.1	1835.9
65°	1683.5	1673.0	1668.8	1664.0	1665.7	1664.4	1667.8	1668.0	1673.4	1674.5	1680.2
67.5°	1581.6	1572.8	1567.6	1561.0	1558.1	1553.4	1551.4	1546.9	1546.2	1542.5	1541.6
70°	1488.7	1480.2	1475.7	1469.7	1466.6	1460.4	1456.7	1449.0	1444.6	1437.5	1433.5
72.5°	1381.2	1376.4	1375.1	1371.0	1369.9	1366.5	1364.9	1359.6	1356.5	1350.5	1347.1
75°	1269.0	1265.1	1264.7	1260.5	1260.2	1256.1	1255.0	1249.4	1246.5	1240.4	1237.9
77.5°	1135.2	1129.3	1127.6	1122.8	1123.9	1121.9	1123.7	1119.3	1117.4	1111.4	1109.5
80°	984.5	976.9	973.9	967.5	969.1	966.2	969.1	968.9	971.0	966.2	965.4
82.5°	806.0	797.7	796.1	791.7	794.6	794.9	801.3	797.8	799.3	794.8	796.7
85°	586.5	580.3	571.7	570.5	565.0	570.7	563.3	568.3	560.2	565.8	558.3
87.5°	363.6	350.8	344.1	335.1	331.6	322.8	319.2	312.9	314.8	311.9	313.5
90°	155.9	146.5	146.5	140.0	141.7	136.3	139.7	136.6	140.7	137.5	142.2
92.5°	62.8	65.6	70.7	76.4	81.3	86.5	91.5	97.2	102.1	107.7	112.6
95°	77.1	79.8	86.7	93.6	100.6	107.6	114.7	121.6	128.6	135.5	142.5
97.5°	96.5	98.1	105.0	111.9	118.9	125.9	132.8	140.1	147.1	154.0	161.0
100°	110.6	110.8	130.5	150.3	169.9	189.8	209.5	229.3	249.3	269.1	288.8
102.5°	204.2	209.2	259.1	309.1	359.1	409.0	459.1	509.2	559.1	609.3	659.4
105°	448.4	467.9	544.1	620.5	696.6	773.0	849.3	925.9	1002.2	1078.6	1154.9
107.5°	829.7	865.5	934.5	1003.5	1072.3	1141.3	1210.4	1279.4	1348.3	1417.5	1486.8
110°	1168.5	1206.5	1252.7	1299.0	1345.4	1391.6	1437.9	1484.2	1530.8	1577.1	1623.8



TEST NUMBER: P1444784
 CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	1320.1	1344.7	1371.6	1398.8	1425.9	1453.0	1480.1	1507.3	1534.7	1562.1	1589.3
115°	1315.3	1327.1	1337.6	1348.4	1358.9	1369.8	1380.6	1391.6	1402.7	1413.5	1424.7
117.5°	1213.7	1218.1	1219.7	1221.7	1223.5	1225.8	1227.9	1230.2	1232.5	1234.9	1236.9
120°	1061.7	1060.7	1059.2	1057.9	1056.4	1055.2	1054.2	1053.0	1052.0	1051.1	1049.9
122.5°	908.4	906.1	904.6	903.4	902.3	901.3	900.4	899.8	898.8	898.0	897.1
125°	774.1	771.8	773.8	775.8	777.9	780.2	782.3	784.9	787.1	789.5	792.0
127.5°	675.8	675.5	680.0	684.6	689.3	694.1	698.8	703.8	708.4	713.6	718.2
130°	613.8	615.4	621.0	627.1	632.8	638.9	644.9	651.1	656.8	662.9	668.8
132.5°	578.8	582.0	587.3	593.2	598.8	604.7	610.5	616.4	622.2	628.3	633.7
135°	560.9	564.9	570.0	575.3	580.6	586.2	591.4	597.0	602.1	607.6	612.7
137.5°	550.4	554.5	558.8	563.2	567.4	572.1	576.5	581.0	585.2	589.7	593.9
140°	548.6	552.6	555.0	558.1	560.7	563.6	566.2	569.2	571.6	574.7	577.2
142.5°	545.2	548.9	550.3	552.4	554.3	556.7	558.5	560.5	562.3	564.1	565.7
145°	544.3	547.2	547.5	548.3	549.0	549.7	550.1	550.9	551.2	551.8	552.2
147.5°	541.0	543.1	543.0	543.3	543.5	543.5	543.8	544.0	543.8	544.0	544.1
150°	534.9	536.5	536.0	536.0	535.5	535.3	534.7	534.6	534.1	533.9	533.4
152.5°	527.9	529.2	528.3	528.1	527.4	526.9	526.2	525.9	525.2	524.7	524.3
155°	518.5	519.1	518.7	518.4	518.1	517.8	517.3	517.4	517.2	517.0	516.8
157.5°	514.3	514.3	514.2	513.9	513.5	513.4	513.3	513.2	513.2	513.4	513.6
160°	512.8	513.1	512.7	512.4	512.3	512.0	511.8	511.9	511.9	512.3	512.5
162.5°	512.1	511.9	511.5	511.3	511.1	511.1	511.0	511.4	511.4	511.6	511.9
165°	515.2	515.4	514.6	514.5	514.2	513.9	513.6	513.5	513.6	513.7	513.8
167.5°	517.9	517.7	517.7	517.9	517.9	518.1	518.2	518.9	519.1	519.8	520.0
170°	523.5	523.6	523.3	523.1	523.0	523.0	522.9	522.9	523.0	523.1	523.1
172.5°	530.7	530.7	530.2	529.7	529.4	529.1	528.7	528.6	528.2	527.9	527.5
175°	535.2	535.0	534.8	534.6	534.4	533.9	533.7	533.1	532.9	532.6	532.5
177.5°	539.3	538.9	538.7	538.7	538.5	538.5	538.5	538.3	538.3	538.3	537.9
180°	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2



TEST NUMBER: P1444784
 CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9
2.5°	46241.3	46240.7	46236.3	46238.4	46239.2	46242.5	46246.4	46250.5	46251.4	46254.7	46255.4
5°	46587.3	46472.9	46388.3	46295.3	46225.2	46162.3	46120.4	46087.0	46074.1	46077.3	46085.1
7.5°	47525.7	47289.5	47094.7	46873.2	46688.5	46492.9	46330.7	46176.6	46064.3	45980.5	45933.8
10°	48555.4	48267.8	47992.7	47672.1	47368.0	47043.5	46749.5	46453.5	46206.7	45992.4	45835.1
12.5°	49012.5	48809.1	48571.3	48268.7	47943.3	47568.9	47190.7	46785.3	46408.3	46058.3	45776.1
15°	48528.6	48528.9	48442.3	48297.1	48071.1	47771.8	47411.5	46988.9	46544.2	46090.3	45675.5
17.5°	46992.7	47282.6	47443.7	47545.7	47514.4	47404.1	47174.9	46850.3	46435.6	45952.2	45446.2
20°	44355.2	45038.7	45525.9	45964.2	46209.8	46373.1	46356.6	46224.6	45929.3	45518.2	44991.3
22.5°	40660.5	41807.6	42712.8	43557.0	44149.0	44630.5	44859.5	44956.6	44822.9	44536.5	44041.6
25°	36172.8	37732.6	39063.6	40355.5	41324.5	42157.3	42657.8	43010.4	43038.4	42888.8	42447.3
27.5°	31186.2	33027.4	34712.0	36428.9	37791.6	38988.8	39774.3	40349.3	40531.9	40507.8	40107.0
30°	26206.0	28138.8	29995.8	31997.8	33684.0	35213.6	36251.2	37028.8	37328.4	37385.8	37000.3
32.5°	21502.6	23408.7	25260.5	27353.5	29209.1	30962.1	32188.0	33111.6	33460.1	33542.2	33119.2
35°	17234.1	18992.6	20752.4	22780.9	24625.9	26441.1	27732.9	28699.8	29025.3	29080.1	28590.4
37.5°	13532.4	15030.7	16564.2	18384.2	20078.5	21783.3	23010.6	23919.5	24156.5	24141.9	23587.7
40°	10415.7	11580.4	12812.7	14311.0	15719.6	17160.8	18197.3	18948.5	19073.1	18980.8	18398.7
42.5°	7832.0	8673.3	9566.6	10685.1	11730.3	12808.9	13562.9	14120.6	14138.4	13992.5	13470.0
45°	5834.9	6655.6	7030.2	7706.5	8379.6	9096.9	9557.3	9901.8	9848.5	9720.2	9323.0
47.5°	4448.1	4763.5	5098.0	5517.4	5909.5	6723.4	6663.1	7216.3	6817.9	7089.6	6491.4
50°	3532.2	3708.5	3888.8	4111.3	4316.2	4528.9	4661.9	4761.1	4748.3	4705.6	4591.0
52.5°	3005.0	3059.6	3148.3	3274.9	3389.3	3504.3	3580.0	3641.6	3642.8	3625.6	3567.7
55°	2511.6	2580.8	2644.6	2727.3	2868.2	2889.8	2998.3	2976.4	2984.9	2954.8	2985.6
57.5°	2214.4	2254.7	2290.6	2339.8	2380.6	2428.1	2456.1	2483.1	2480.5	2474.6	2445.1
60°	2003.9	2026.1	2046.0	2074.8	2097.2	2124.0	2136.9	2150.6	2146.1	2136.1	2109.8
62.5°	1841.6	1855.4	1866.9	1885.3	1898.9	1915.6	1922.4	1928.2	1922.4	1912.9	1889.7
65°	1681.4	1690.4	1697.6	1711.5	1721.1	1735.4	1741.1	1746.6	1741.2	1733.9	1716.1
67.5°	1537.0	1537.8	1537.1	1542.8	1545.7	1554.3	1556.9	1560.9	1554.6	1548.3	1533.3
70°	1427.4	1425.1	1422.4	1424.7	1425.1	1429.3	1429.9	1429.3	1421.8	1410.9	1394.5
72.5°	1341.7	1340.6	1338.5	1340.4	1340.4	1344.1	1342.9	1341.0	1331.9	1321.2	1305.1
75°	1231.6	1230.8	1226.6	1226.8	1223.4	1224.6	1220.1	1217.6	1207.4	1198.4	1184.0
77.5°	1102.8	1100.7	1094.8	1092.5	1086.0	1083.2	1074.8	1070.6	1060.3	1053.2	1040.7
80°	959.1	956.8	949.0	944.8	934.4	927.9	915.5	908.5	896.6	889.6	877.5
82.5°	792.7	793.6	785.9	780.5	765.8	754.3	737.8	728.9	715.8	708.9	696.6
85°	563.8	555.7	560.0	559.7	550.4	540.5	527.1	517.7	506.7	500.1	491.4
87.5°	309.2	311.1	308.9	307.0	300.4	295.5	284.9	279.5	271.4	267.5	260.9
90°	131.6	128.9	118.8	116.3	106.2	101.0	89.7	85.6	75.2	73.0	66.3
92.5°	106.7	100.9	95.3	89.1	83.7	77.8	71.9	66.1	60.2	57.8	56.3
95°	134.0	125.7	117.3	108.8	100.3	91.8	83.6	75.0	66.6	64.9	63.2
97.5°	151.2	141.2	131.2	121.4	111.4	101.4	91.6	81.7	71.7	70.6	69.5
100°	266.0	243.2	220.2	197.2	174.4	151.4	128.6	105.6	82.7	81.5	80.1
102.5°	603.6	548.0	492.4	436.9	381.4	325.6	270.1	214.3	158.7	150.6	142.7
105°	1070.7	986.4	902.5	818.2	734.0	649.7	565.7	481.3	397.1	370.1	343.0
107.5°	1407.7	1328.5	1249.6	1170.5	1091.3	1012.4	933.1	853.9	774.6	727.1	679.5
110°	1561.0	1498.3	1435.7	1372.9	1310.4	1247.6	1184.7	1121.9	1059.1	1018.1	977.4



TEST NUMBER: P1444784
 CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	1543.6	1497.6	1452.0	1406.0	1360.2	1314.2	1268.4	1222.3	1176.2	1151.5	1126.7
115°	1397.3	1369.7	1342.4	1314.9	1287.3	1259.8	1232.3	1204.3	1176.7	1163.8	1150.9
117.5°	1223.3	1209.3	1195.7	1181.8	1167.9	1153.8	1140.0	1125.8	1111.8	1107.5	1103.0
120°	1046.4	1042.5	1038.4	1034.4	1030.5	1026.5	1022.3	1018.3	1014.0	1014.8	1015.7
122.5°	899.4	901.3	903.6	905.3	907.6	909.3	911.6	913.0	915.0	918.8	922.6
125°	796.6	801.1	805.7	810.2	814.5	819.0	823.7	827.8	832.4	836.1	840.3
127.5°	723.6	728.5	733.8	738.7	743.8	748.7	753.8	758.5	763.6	767.1	771.1
130°	673.6	677.8	682.6	686.7	691.4	695.8	700.2	704.6	709.0	712.1	715.2
132.5°	637.9	642.0	646.1	650.0	654.4	658.2	662.3	666.2	670.6	672.9	675.4
135°	616.1	619.1	622.4	625.3	628.8	631.7	635.0	638.2	641.7	643.4	645.4
137.5°	596.5	599.2	602.0	604.5	607.3	609.9	612.9	615.7	618.8	619.7	621.3
140°	579.9	582.7	585.3	588.0	590.9	593.7	596.9	599.8	603.1	604.2	605.6
142.5°	568.1	570.0	572.3	574.4	576.8	578.9	581.5	584.1	586.8	588.1	589.3
145°	554.8	557.0	559.7	562.0	564.6	567.3	570.4	573.2	576.2	577.2	578.2
147.5°	546.1	548.1	550.4	552.5	554.9	557.0	559.8	562.4	565.2	566.2	567.1
150°	535.7	537.8	540.0	542.2	544.8	547.3	550.0	552.8	556.0	557.2	558.3
152.5°	526.6	528.8	531.2	533.8	536.5	539.2	542.2	545.1	548.1	549.1	550.5
155°	519.2	521.3	523.9	526.5	529.3	531.7	534.6	537.4	540.4	541.7	542.9
157.5°	515.8	517.7	520.0	522.4	524.8	527.2	529.8	532.3	535.0	536.0	537.1
160°	514.4	516.3	518.4	520.6	522.8	524.9	527.2	529.5	531.7	532.7	533.8
162.5°	513.9	515.9	518.1	519.9	522.2	524.3	526.7	528.7	531.0	531.8	532.9
165°	515.3	516.9	518.6	520.0	521.8	523.0	525.0	526.5	528.5	529.1	530.5
167.5°	521.4	522.4	523.6	524.8	526.3	527.5	528.9	530.1	531.6	532.5	533.5
170°	524.2	525.2	526.2	527.4	528.6	529.7	530.9	531.8	533.4	534.1	535.0
172.5°	528.3	528.8	529.6	530.2	531.0	531.7	532.6	533.3	534.1	535.1	535.9
175°	533.0	533.3	533.6	533.9	534.2	534.6	535.2	535.8	536.2	536.8	537.5
177.5°	538.1	538.4	538.5	538.7	539.4	539.5	539.9	540.2	540.4	541.1	541.9
180°	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2



TEST NUMBER: P1444784
 CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9
2.5°	46253.8	46253.3	46251.8	46249.7	46247.6	46248.8	46250.9	46256.2	46265.6	46279.0	46296.5
5°	46091.5	46100.9	46106.2	46107.0	46102.2	46099.2	46103.7	46116.4	46142.0	46185.0	46243.2
7.5°	45921.2	45932.9	45950.8	45964.2	45966.7	45963.5	45964.2	45984.1	46031.5	46115.2	46232.7
10°	45739.3	45704.8	45723.0	45756.4	45782.9	45787.7	45791.0	45814.6	45883.7	46010.3	46198.9
12.5°	45571.5	45462.1	45441.0	45471.1	45511.3	45524.2	45520.7	45530.8	45611.7	45779.3	46042.2
15°	45350.7	45144.8	45074.5	45082.2	45131.9	45149.8	45136.7	45116.8	45195.7	45400.2	45740.6
17.5°	44993.3	44661.4	44532.0	44526.3	44584.4	44599.9	44567.9	44506.0	44583.8	44839.0	45261.6
20°	44449.9	43960.0	43716.4	43677.7	43740.8	43722.4	43658.6	43565.1	43667.2	43977.5	44480.1
22.5°	43473.2	42852.3	42436.2	42302.1	42377.6	42327.2	42234.2	42114.7	42250.3	42602.9	43162.6
25°	41877.1	41159.8	40590.0	40270.6	40330.7	40240.4	40139.1	39994.3	40156.2	40560.9	41176.9
27.5°	39531.1	38702.4	37996.6	37467.6	37487.0	37368.7	37252.0	37064.6	37266.6	37745.6	38440.5
30°	36411.5	35452.6	34593.0	33874.1	33809.8	33695.1	33575.5	33329.5	33582.4	34155.8	34967.8
32.5°	32493.8	31429.2	30436.0	29526.9	29355.5	29243.5	29137.0	28854.0	29185.1	29853.6	30786.5
35°	27912.3	26778.1	25701.3	24663.1	24379.0	24267.1	24174.0	23902.8	24315.9	25043.4	26051.0
37.5°	22883.4	21724.8	20655.7	19591.0	19189.6	19037.8	18970.2	18792.5	19269.1	19988.7	21000.4
40°	17720.6	16643.5	15684.9	14744.6	14287.0	14054.6	14019.2	13986.8	14447.6	15072.0	15990.2
42.5°	12891.1	12022.0	11282.9	10564.2	10149.5	9832.1	9832.0	9928.3	10343.1	10810.8	11518.9
45°	8917.2	8334.0	7863.0	7382.8	7511.1	6878.5	7250.2	7059.5	7264.5	7565.9	8026.5
47.5°	6129.7	5811.3	5552.6	5284.4	5088.8	4902.0	4918.3	5038.7	5231.9	5410.7	5650.3
50°	4467.6	4305.3	4173.6	4034.3	3936.9	3854.5	3859.3	3911.4	4013.0	4107.2	4232.6
52.5°	3500.6	3411.2	3339.6	3262.5	3211.5	3170.5	3172.8	3198.1	3252.9	3306.7	3378.6
55°	2885.4	2874.5	2781.4	2712.4	2686.0	2658.5	2663.5	2673.5	2710.8	2742.3	2789.9
57.5°	2417.9	2376.1	2348.2	2311.8	2295.1	2275.8	2280.1	2283.9	2308.9	2330.0	2364.3
60°	2087.8	2058.3	2038.4	2013.7	2002.7	1990.5	1993.2	1995.5	2011.5	2025.2	2049.8
62.5°	1868.6	1842.0	1824.9	1805.8	1798.0	1789.7	1791.6	1792.4	1802.3	1812.5	1831.1
65°	1700.4	1679.3	1665.1	1648.5	1640.5	1631.8	1632.8	1632.8	1641.2	1648.5	1662.5
67.5°	1522.5	1506.7	1497.3	1484.3	1478.8	1470.1	1469.9	1467.1	1472.6	1475.5	1485.0
70°	1379.7	1363.8	1351.9	1339.3	1332.4	1324.7	1324.9	1325.1	1331.4	1338.1	1350.3
72.5°	1291.5	1276.2	1265.7	1254.7	1248.2	1241.6	1240.4	1239.8	1244.4	1248.0	1256.1
75°	1174.7	1162.5	1156.3	1146.0	1140.8	1133.5	1132.3	1128.8	1131.0	1131.7	1137.7
77.5°	1033.0	1021.4	1016.4	1006.0	1001.7	993.2	992.6	988.8	990.5	989.3	994.0
80°	871.5	861.0	858.2	849.7	847.6	839.8	838.6	834.0	835.4	831.7	833.5
82.5°	691.3	681.7	679.6	671.6	671.6	664.6	664.2	657.2	657.2	651.2	641.5
85°	486.9	479.9	476.9	470.4	468.5	462.9	459.9	453.2	450.8	446.5	445.1
87.5°	256.9	252.5	248.5	245.4	239.7	229.6	228.8	221.7	222.2	217.2	217.6
90°	64.8	58.6	57.3	51.6	49.9	45.9	44.5	44.8	46.0	46.4	47.8
92.5°	54.3	52.4	50.4	48.5	46.5	44.6	42.6	44.6	46.5	48.5	50.4
95°	61.4	59.7	57.9	56.2	54.5	52.7	51.0	52.7	54.5	56.4	58.1
97.5°	68.4	67.3	66.3	65.2	64.1	63.0	61.9	63.1	64.2	65.3	66.3
100°	78.9	77.6	76.2	75.0	73.7	72.3	71.1	72.7	74.0	75.3	76.6
102.5°	134.8	126.8	118.7	110.8	102.7	94.7	86.6	94.7	102.7	110.9	118.9
105°	315.8	288.8	261.7	234.6	207.5	180.4	153.3	180.5	207.6	234.8	262.1
107.5°	631.8	584.4	536.6	489.0	441.2	393.5	345.8	393.7	441.5	489.1	536.9
110°	936.1	895.1	854.0	813.0	771.7	730.7	689.4	730.9	772.1	813.3	854.6



TEST NUMBER: P1444784
 CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	1101.7	1076.9	1051.9	1027.1	1001.9	977.0	951.8	977.4	1002.6	1027.9	1052.9
115°	1137.9	1124.8	1111.9	1098.7	1085.4	1072.3	1058.9	1072.8	1086.3	1099.7	1113.2
117.5°	1098.6	1094.3	1089.7	1085.2	1080.6	1076.1	1071.3	1076.4	1081.4	1086.8	1091.4
120°	1016.2	1017.3	1017.9	1018.4	1019.2	1019.6	1020.0	1020.3	1020.3	1020.3	1020.2
122.5°	926.4	930.2	933.8	937.4	941.0	944.5	947.6	945.1	942.3	939.7	936.5
125°	844.0	848.1	851.9	855.8	859.2	863.1	866.0	863.9	861.1	858.3	855.1
127.5°	774.7	778.3	781.7	785.4	788.5	791.9	794.7	792.9	790.4	788.1	785.3
130°	717.9	721.2	723.7	726.6	729.0	731.3	733.4	732.4	730.9	729.7	727.7
132.5°	677.8	680.3	682.6	684.7	686.5	688.5	689.8	689.5	688.7	688.0	686.6
135°	647.3	649.1	650.7	652.7	653.9	655.2	655.9	656.5	656.2	656.0	655.2
137.5°	622.4	623.8	624.9	625.8	626.5	627.1	627.4	628.4	628.8	629.5	629.5
140°	606.8	608.2	609.3	610.2	611.2	612.0	612.0	613.2	613.7	614.0	613.9
142.5°	590.7	591.9	593.1	594.2	594.8	595.5	595.8	596.8	597.3	597.6	597.7
145°	579.3	580.2	581.1	582.0	582.4	582.8	582.7	584.0	584.7	585.3	585.8
147.5°	568.0	569.1	569.5	570.3	570.7	571.1	571.2	572.1	572.9	573.5	574.0
150°	559.7	560.8	561.8	562.8	563.6	564.3	564.5	565.3	565.7	566.1	566.1
152.5°	551.5	552.5	553.4	554.3	555.1	555.6	555.9	556.6	557.4	557.9	558.1
155°	544.0	545.2	546.2	547.2	547.9	548.8	549.4	550.1	550.7	551.0	551.3
157.5°	538.1	539.3	540.2	541.2	541.9	542.9	543.6	544.4	545.0	545.7	546.0
160°	534.6	535.9	536.5	537.6	538.5	539.4	540.0	540.9	541.5	542.1	542.8
162.5°	533.7	534.8	535.3	536.4	537.2	538.1	538.7	539.6	540.3	541.0	541.5
165°	531.5	532.6	533.5	534.6	535.6	536.8	537.5	538.2	538.5	538.9	539.2
167.5°	534.3	535.5	536.1	537.3	537.9	539.1	540.0	540.4	540.7	541.1	541.3
170°	535.7	536.7	537.5	538.4	539.2	540.2	540.7	541.1	541.3	541.6	541.9
172.5°	536.6	537.7	538.5	539.6	540.4	541.4	542.2	542.3	542.3	542.3	542.0
175°	538.0	538.9	539.5	540.4	540.9	541.7	542.4	542.2	542.3	542.1	542.0
177.5°	542.8	543.8	544.6	545.2	546.2	546.8	547.6	547.0	546.5	546.0	545.3
180°	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2



TEST NUMBER: P1444784
 CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9
2.5°	46321.2	46344.5	46379.9	46412.0	46460.4	46498.6	46555.9	46599.4	46664.0	46705.9	46776.4
5°	46325.4	46416.0	46535.2	46651.5	46791.3	46918.2	47075.9	47210.3	47368.8	47498.2	47660.4
7.5°	46390.9	46565.6	46775.1	46986.2	47224.9	47448.1	47699.7	47927.5	48176.4	48387.1	48617.2
10°	46439.2	46708.8	47017.5	47328.1	47655.1	47958.8	48265.5	48530.5	48778.2	48982.0	49162.1
12.5°	46373.7	46745.0	47141.2	47523.6	47887.3	48201.7	48465.5	48669.3	48810.0	48905.4	48927.8
15°	46151.0	46597.8	47028.5	47409.4	47711.2	47943.8	48064.3	48120.6	48060.1	47959.7	47738.8
17.5°	45734.9	46206.2	46591.3	46891.7	47051.2	47114.3	47014.6	46841.0	46501.8	46125.4	45581.6
20°	44972.1	45411.3	45690.6	45854.5	45811.8	45654.1	45277.4	44819.6	44142.4	43420.8	42468.4
22.5°	43634.2	44018.0	44166.9	44179.1	43918.8	43523.9	42844.5	42059.3	40991.0	39880.5	38514.6
25°	41625.8	41962.0	41985.6	41853.6	41377.3	40737.3	39739.7	38628.8	37177.3	35697.4	33985.9
27.5°	38902.2	39224.7	39145.7	38899.2	38238.1	37381.7	36104.5	34669.4	32879.8	31132.0	29238.7
30°	35478.3	35823.1	35730.4	35414.3	34627.9	33615.7	32112.9	30445.6	28458.7	26591.9	24673.3
32.5°	31380.8	31816.9	31752.9	31452.4	30631.8	29548.6	27917.9	26149.5	24116.7	22277.1	20410.8
35°	26723.7	27253.0	27280.4	27083.9	26322.2	25251.5	23641.3	21929.6	19982.6	18246.8	16522.7
37.5°	21706.0	22319.7	22445.8	22392.9	21761.4	20816.4	19349.2	17813.7	16088.8	14567.5	13093.0
40°	16660.7	17281.9	17497.4	17561.4	17095.5	16363.4	15159.4	13919.9	12513.7	11281.1	10110.3
42.5°	12059.5	12610.2	12818.5	12949.5	12658.7	12170.5	11292.2	10392.2	9361.9	8472.9	7620.5
45°	8375.6	8765.1	8923.5	9055.4	8897.1	8621.6	8067.0	7504.0	6824.0	6243.0	5693.0
47.5°	5855.9	6070.7	6175.3	6239.3	6177.8	6034.2	5732.4	5406.3	5022.3	4682.8	4356.5
50°	4340.4	4454.8	4509.5	4546.5	4501.7	4422.0	4258.6	4081.0	3870.2	3677.9	3489.9
52.5°	3439.7	3505.2	3537.8	3557.7	3532.1	3483.2	3388.1	3282.8	3156.4	3037.6	2975.1
55°	2897.7	2894.3	2969.5	2933.2	2969.5	2888.5	2871.4	2755.7	2650.7	2576.8	2496.8
57.5°	2389.7	2423.7	2438.2	2454.3	2443.8	2429.1	2388.6	2347.2	2291.8	2245.5	2196.2
60°	2068.6	2096.6	2112.4	2128.4	2127.4	2121.9	2098.5	2073.7	2039.1	2011.5	1981.5
62.5°	1847.4	1871.7	1887.2	1902.6	1903.9	1901.8	1884.0	1866.9	1843.3	1825.9	1805.2
65°	1673.4	1690.4	1701.0	1713.2	1712.5	1709.2	1693.3	1679.0	1659.6	1647.5	1632.4
67.5°	1491.2	1504.1	1512.3	1523.9	1526.1	1526.8	1518.0	1511.3	1501.9	1498.4	1493.3
70°	1361.7	1377.3	1390.6	1405.2	1413.1	1416.9	1413.1	1409.6	1404.2	1401.7	1397.8
72.5°	1263.6	1276.8	1287.2	1300.4	1307.8	1313.2	1310.3	1308.4	1303.6	1302.8	1300.1
75°	1141.9	1150.9	1156.8	1166.8	1170.8	1175.8	1173.5	1174.7	1173.2	1177.0	1176.8
77.5°	995.5	1002.2	1004.9	1012.2	1012.9	1018.9	1020.3	1027.3	1032.3	1043.3	1049.2
80°	830.7	835.0	835.0	842.4	845.7	855.8	860.7	872.2	877.5	887.3	888.2
82.5°	645.3	640.3	645.3	642.2	651.7	663.1	664.6	674.4	676.7	682.8	678.0
85°	441.2	440.8	436.9	437.6	434.6	436.0	434.3	436.2	434.5	434.6	430.1
87.5°	211.4	213.3	208.6	210.2	205.7	207.7	203.8	206.9	202.3	202.9	196.0
90°	48.7	49.8	50.6	51.9	53.8	57.3	61.0	64.5	68.8	72.2	76.1
92.5°	52.4	54.4	56.4	58.3	60.3	66.2	72.0	77.9	83.9	89.5	95.4
95°	59.9	61.6	63.4	65.4	67.2	75.6	84.1	92.5	101.1	109.5	118.0
97.5°	67.8	68.9	70.0	71.1	72.3	82.3	92.3	102.2	112.2	122.3	132.1
100°	78.0	79.3	80.6	82.1	83.4	106.4	129.4	152.4	175.4	198.2	221.2
102.5°	127.1	135.0	143.1	151.4	159.5	215.3	271.1	326.8	382.2	438.0	493.7
105°	289.2	316.3	343.9	371.0	398.1	482.4	566.9	651.3	735.4	819.6	904.1
107.5°	584.9	632.6	680.5	728.2	776.0	855.4	934.6	1013.9	1093.3	1172.5	1251.5
110°	896.1	937.0	978.6	1019.8	1061.0	1123.8	1186.9	1249.7	1312.7	1375.5	1438.3



TEST NUMBER: P1444784
 CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	1078.3	1103.3	1128.4	1153.2	1178.4	1224.5	1271.0	1317.1	1363.3	1409.1	1455.2
115°	1126.7	1139.6	1153.0	1166.2	1179.6	1207.5	1235.2	1263.1	1290.9	1318.5	1346.4
117.5°	1096.3	1101.1	1105.9	1110.3	1115.1	1129.3	1143.6	1157.7	1172.0	1186.3	1200.3
120°	1020.0	1019.4	1019.2	1018.4	1018.1	1022.2	1026.9	1030.9	1035.5	1039.6	1043.7
122.5°	933.4	930.0	926.8	923.3	920.0	918.0	916.6	914.6	913.3	911.3	909.7
125°	851.9	848.4	845.1	841.4	837.7	833.6	829.5	825.2	820.9	816.7	812.4
127.5°	782.7	779.5	776.6	773.2	769.9	765.0	760.4	755.4	750.9	745.9	741.1
130°	725.8	723.3	721.4	718.5	716.3	711.6	707.8	703.3	699.1	694.9	690.6
132.5°	685.5	683.7	682.1	679.9	678.2	674.2	670.7	666.6	662.8	658.8	655.1
135°	654.6	653.6	652.6	651.2	649.9	646.7	643.9	640.9	638.0	634.9	632.0
137.5°	629.5	629.0	628.5	628.0	627.4	624.7	622.4	619.7	617.3	614.7	612.3
140°	614.0	613.7	613.3	612.8	612.1	609.4	606.9	604.2	601.6	598.9	596.3
142.5°	597.6	597.4	597.1	596.5	596.1	593.8	592.0	589.9	587.8	585.8	583.8
145°	585.9	585.9	586.0	585.6	585.8	583.1	581.0	578.4	576.4	573.9	571.7
147.5°	574.5	574.5	574.8	574.7	575.1	572.9	571.2	569.1	567.5	565.3	563.6
150°	566.4	566.4	566.4	566.2	566.0	563.9	562.2	560.2	558.6	556.3	554.6
152.5°	558.4	558.6	558.8	558.8	559.0	557.1	555.2	553.1	551.2	549.1	547.2
155°	551.7	551.9	552.0	552.0	552.0	550.3	548.6	546.7	545.0	543.0	541.3
157.5°	546.3	546.7	547.1	547.2	547.4	545.9	544.3	542.9	541.4	539.6	538.1
160°	543.1	543.6	544.0	544.2	544.4	543.2	542.2	540.5	539.6	537.9	536.5
162.5°	542.0	542.5	542.9	543.1	543.3	542.1	541.1	539.8	538.5	536.8	535.5
165°	539.6	539.5	539.9	539.8	540.0	539.1	538.5	537.5	536.7	535.6	534.8
167.5°	541.6	541.5	541.9	541.7	541.9	541.3	541.2	540.4	539.7	539.0	538.4
170°	542.0	542.1	542.3	542.2	542.3	541.7	541.3	540.6	540.3	539.3	538.6
172.5°	542.1	541.7	541.7	541.6	541.4	540.9	540.6	540.3	540.0	539.5	539.1
175°	541.7	541.4	541.4	541.1	540.8	540.8	540.5	540.5	540.3	540.1	539.8
177.5°	545.0	544.5	543.8	543.3	542.9	542.7	542.6	542.4	542.6	542.3	542.2
180°	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2



TEST NUMBER: P1444784
 CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9
2.5°	46819.9	46530.8	46492.5	46512.8	46561.2	46579.1	46631.2	46645.5	46697.9	46710.8	46761.2
5°	47785.9	47403.7	47422.9	47514.7	47653.9	47736.7	47873.5	47945.0	48075.6	48135.0	48252.9
7.5°	48804.6	48504.6	48598.1	48753.1	48943.3	49075.0	49239.3	49346.3	49487.8	49575.7	49689.0
10°	49304.8	49222.6	49325.6	49447.6	49556.1	49641.1	49710.7	49766.4	49802.9	49837.1	49852.1
12.5°	48924.2	49051.4	49069.0	49057.1	48985.3	48930.4	48807.1	48723.3	48574.5	48483.9	48306.9
15°	47513.1	47793.0	47638.0	47403.5	47060.1	46773.9	46369.8	46068.8	45647.9	45362.4	44940.0
17.5°	45036.8	45390.0	44986.2	44443.4	43752.9	43162.1	42426.4	41842.5	41111.1	40579.1	39896.4
20°	41550.7	41880.7	41160.6	40260.7	39192.5	38293.5	37233.3	36387.4	35402.2	34669.4	33785.0
22.5°	37210.1	37445.2	36430.6	35217.5	33856.6	32733.4	31465.8	30451.8	29327.5	28489.6	27546.6
25°	32408.0	32471.5	31254.5	29856.8	28340.0	27077.8	25724.5	24658.3	23511.6	22662.5	21737.0
27.5°	27561.3	27468.2	26152.8	24670.9	23075.3	21763.3	20443.4	19444.4	18440.1	17675.2	16877.8
30°	22986.6	22761.3	21395.4	19872.3	18323.4	17147.6	16051.8	15249.4	14450.5	13843.7	13203.8
32.5°	18791.5	18473.6	17144.1	15717.1	14412.0	13504.6	12692.1	12084.9	11439.8	10927.2	10390.2
35°	15075.7	14737.1	13559.2	12349.5	11361.7	10692.8	10054.2	9556.2	9008.4	8576.0	8109.5
37.5°	11886.8	11609.2	10622.6	9670.7	8923.5	8405.1	7882.0	7474.9	7022.1	6831.9	6333.5
40°	9176.5	8982.5	8211.2	7509.4	6948.4	6704.8	6173.7	5793.4	5455.1	5176.1	4906.0
42.5°	7157.8	7089.2	6338.5	5791.2	5396.1	5089.3	4793.3	4553.0	4319.1	4126.8	3945.2
45°	5252.8	5198.5	4865.2	4549.2	4280.0	4065.6	3865.6	3700.3	3547.4	3420.6	3305.4
47.5°	4090.4	4073.0	3881.0	3685.1	3515.6	3377.8	3247.9	3138.2	3036.7	2952.1	2924.5
50°	3326.9	3324.6	3211.9	3091.0	2970.3	2890.7	2807.8	2742.9	2677.7	2627.0	2573.3
52.5°	2826.7	2814.5	2738.5	2663.8	2592.1	2539.8	2486.9	2445.4	2402.2	2371.0	2337.6
55°	2433.5	2446.5	2402.4	2357.8	2313.0	2280.4	2243.3	2216.0	2186.3	2166.6	2146.5
57.5°	2160.4	2177.5	2154.3	2129.1	2101.8	2080.4	2054.8	2035.9	2016.1	2003.5	1991.8
60°	1961.7	1980.3	1971.1	1958.3	1941.4	1928.8	1912.4	1901.9	1889.2	1882.1	1875.6
62.5°	1793.2	1816.5	1813.1	1807.1	1796.3	1789.3	1780.3	1775.7	1767.3	1764.2	1761.0
65°	1625.0	1651.2	1650.6	1647.7	1641.6	1639.6	1634.1	1633.1	1628.8	1630.5	1630.1
67.5°	1492.7	1515.5	1520.5	1524.0	1523.9	1525.3	1524.7	1527.0	1527.0	1530.2	1532.3
70°	1397.3	1413.1	1416.9	1420.7	1421.7	1424.7	1424.7	1426.7	1426.2	1428.9	1429.3
72.5°	1300.8	1321.6	1325.4	1328.5	1328.5	1331.4	1329.9	1329.3	1325.2	1324.3	1321.4
75°	1180.8	1207.4	1213.2	1217.0	1217.6	1220.1	1216.5	1214.3	1207.4	1204.6	1199.8
77.5°	1055.3	1083.1	1087.1	1088.5	1086.3	1086.9	1079.3	1074.1	1065.3	1061.7	1057.1
80°	892.1	932.9	936.1	933.6	927.2	926.2	918.7	913.9	903.5	899.9	895.9
82.5°	678.8	726.7	733.4	736.3	731.1	732.3	725.3	722.5	712.9	711.2	704.9
85°	428.6	476.5	484.3	483.2	478.0	476.7	472.7	474.0	473.2	475.7	477.1
87.5°	196.9	243.2	254.4	250.8	250.2	247.0	239.5	242.4	246.8	249.7	249.9
90°	79.8	97.5	100.9	99.0	92.5	89.9	83.9	82.1	76.8	74.9	69.6
92.5°	101.3	107.1	113.0	107.8	102.6	97.3	92.2	86.8	81.8	76.4	71.3
95°	126.4	134.6	143.0	136.0	129.0	122.0	115.0	108.1	101.1	94.2	87.3
97.5°	142.0	151.6	161.5	154.5	147.6	140.5	133.5	126.6	119.6	112.5	105.6
100°	244.2	266.6	289.4	269.6	249.7	230.0	210.3	190.3	170.6	150.9	131.0
102.5°	549.2	604.5	659.9	609.8	559.7	509.6	459.7	409.8	359.8	309.5	259.7
105°	988.1	1071.7	1155.8	1079.1	1002.8	926.4	850.0	773.7	697.3	620.8	544.6
107.5°	1330.8	1408.8	1487.5	1418.3	1349.3	1280.3	1210.9	1142.1	1072.9	1003.8	934.9
110°	1501.2	1562.3	1624.9	1578.1	1531.8	1485.1	1438.8	1392.2	1345.9	1299.7	1253.5



TEST NUMBER: P1444784
 CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	1501.1	1545.1	1590.5	1562.9	1535.8	1508.3	1481.1	1453.8	1426.7	1399.3	1372.5
115°	1373.6	1399.0	1426.0	1414.7	1403.9	1392.8	1381.8	1371.0	1360.0	1349.1	1338.6
117.5°	1214.3	1225.5	1238.7	1236.2	1234.1	1231.5	1229.4	1227.0	1225.1	1222.9	1220.9
120°	1047.8	1048.9	1052.2	1052.9	1054.1	1054.9	1056.0	1057.0	1058.1	1059.2	1060.6
122.5°	907.7	902.4	899.4	900.3	901.1	901.7	902.7	903.3	904.3	905.3	906.4
125°	808.1	799.8	794.4	792.0	789.7	787.2	784.8	782.4	780.3	778.1	776.0
127.5°	736.2	727.2	721.3	716.5	711.6	706.7	701.9	697.0	692.3	687.4	682.9
130°	686.4	677.7	672.2	666.2	660.4	654.2	648.5	642.5	636.4	630.5	624.6
132.5°	651.2	642.6	637.5	631.9	626.4	620.4	614.9	608.9	603.2	597.2	591.7
135°	628.9	620.9	616.8	611.4	606.6	601.2	595.9	590.6	585.4	579.9	575.0
137.5°	609.6	601.7	598.3	593.9	589.8	585.5	581.5	576.9	572.7	568.0	564.0
140°	593.6	585.4	581.6	579.1	576.8	574.0	571.4	568.7	566.3	563.6	560.9
142.5°	581.7	573.7	570.4	568.7	567.3	565.3	564.0	562.2	560.5	558.2	556.6
145°	569.4	560.6	557.0	556.4	556.4	555.9	555.5	555.0	554.7	553.9	553.6
147.5°	561.5	552.4	548.9	549.1	549.1	549.0	549.3	549.1	549.3	549.2	549.3
150°	552.4	542.2	538.0	538.5	538.9	539.4	539.9	540.3	541.0	541.4	541.8
152.5°	545.0	532.7	528.1	528.7	529.5	529.8	530.5	531.3	532.1	532.8	533.5
155°	539.0	525.8	520.8	520.7	521.0	521.2	521.5	522.0	522.4	522.8	523.4
157.5°	536.3	522.3	517.5	517.1	517.2	517.2	517.2	517.4	517.7	517.9	518.5
160°	535.1	521.1	516.4	516.0	516.1	515.9	515.8	515.8	516.1	516.2	516.7
162.5°	534.0	520.4	515.9	515.3	515.2	515.0	515.0	514.7	514.9	514.9	515.3
165°	533.6	521.7	517.5	517.3	517.4	517.2	517.4	517.5	517.8	518.0	518.4
167.5°	537.4	526.8	523.6	523.0	522.5	522.0	522.0	521.3	521.3	521.0	521.0
170°	537.8	529.4	526.6	526.4	526.7	526.5	526.3	526.4	526.4	526.3	526.6
172.5°	538.5	532.4	530.2	530.5	530.9	531.1	531.6	531.9	532.4	532.7	533.2
175°	539.6	535.9	535.0	534.9	535.2	535.4	535.6	535.8	536.1	536.3	536.8
177.5°	542.2	541.0	540.4	540.4	540.4	540.4	540.4	540.4	540.4	540.6	540.6
180°	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2



TEST NUMBER: P1444784
 CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9
2.5°	46770.7	46825.2	46821.1	46872.0	46869.4	46917.4	46907.7	46949.2	46939.7	46975.1	46954.4
5°	48304.8	48408.6	48442.7	48536.4	48555.8	48639.5	48641.2	48707.8	48699.8	48751.9	48724.2
7.5°	49756.1	49853.0	49898.9	49971.6	50007.9	50068.2	50091.7	50141.2	50153.1	50182.4	50181.4
10°	49878.6	49878.3	49900.9	49890.8	49911.1	49899.4	49924.1	49915.3	49951.9	49942.4	49970.1
12.5°	48230.6	48067.0	48007.3	47860.4	47828.3	47702.2	47711.2	47630.3	47669.3	47619.6	47704.3
15°	44688.6	44309.3	44121.8	43791.9	43688.3	43427.7	43406.5	43233.3	43280.0	43189.4	43321.9
17.5°	39454.8	38857.4	38529.6	38047.9	37856.6	37487.9	37413.9	37190.9	37225.6	37113.3	37273.1
20°	33214.5	32492.6	32079.2	31522.0	31273.5	30834.0	30717.3	30468.0	30499.2	30387.4	30568.4
22.5°	26903.0	26147.4	25680.7	25096.7	24779.4	24365.9	24241.9	23991.3	24005.7	23900.7	24074.7
25°	21103.1	20378.6	19925.6	19395.2	19119.8	18740.7	18610.4	18385.4	18398.1	18311.7	18467.8
27.5°	16324.7	15730.3	15351.2	14906.7	14659.9	14348.2	14221.1	14031.9	14031.4	13967.9	14098.5
30°	12756.9	12260.9	11920.5	11533.4	11301.5	11020.3	10897.5	10728.2	10720.9	10675.8	10779.5
32.5°	9988.4	9547.2	9236.8	8896.0	8687.9	8446.6	8330.3	8194.3	8181.9	8141.1	8226.3
35°	7764.6	7393.1	7126.2	6839.3	6860.5	6504.5	6563.6	6287.0	6212.1	6195.8	6259.0
37.5°	6001.2	5713.4	5496.5	5281.7	5136.3	4985.7	4904.7	4832.0	4823.8	4816.7	4861.0
40°	4697.3	4495.9	4338.1	4190.8	4090.7	3998.8	3948.2	3908.2	3898.8	3893.4	3920.2
42.5°	3801.8	3665.8	3564.2	3474.2	3413.4	3363.5	3335.7	3313.4	3306.0	3306.2	3322.1
45°	3211.9	3129.6	3064.0	3008.2	2969.3	2986.4	2936.1	2962.4	2927.7	2963.6	2939.9
47.5°	2828.6	2758.4	2717.8	2678.3	2654.7	2635.8	2636.5	2636.9	2644.2	2645.4	2653.2
50°	2532.7	2492.2	2463.9	2438.7	2426.5	2416.5	2420.0	2422.5	2429.8	2430.2	2435.9
52.5°	2313.9	2287.2	2270.2	2254.5	2249.0	2243.3	2245.7	2244.7	2248.0	2246.2	2250.9
55°	2135.7	2123.1	2117.7	2111.9	2112.7	2111.2	2112.3	2106.6	2103.1	2098.9	2102.8
57.5°	1989.5	1987.8	1991.3	1993.7	2000.4	2002.9	2004.4	1997.9	1991.7	1986.0	1989.3
60°	1876.8	1879.5	1888.5	1895.7	1905.4	1909.8	1912.5	1908.8	1904.3	1899.7	1902.4
62.5°	1765.7	1770.0	1780.7	1788.7	1800.4	1806.4	1813.1	1813.5	1815.2	1813.5	1815.4
65°	1636.6	1642.0	1651.7	1658.4	1669.2	1674.5	1681.4	1682.6	1686.4	1685.5	1688.8
67.5°	1538.7	1543.5	1551.5	1557.9	1567.6	1573.0	1579.1	1579.5	1580.8	1580.5	1583.5
70°	1434.1	1436.5	1443.7	1449.0	1458.6	1464.4	1471.2	1473.3	1477.6	1478.3	1481.8
72.5°	1322.6	1321.6	1325.9	1328.3	1335.6	1340.0	1348.8	1353.6	1360.9	1362.7	1365.3
75°	1201.2	1200.2	1205.3	1207.4	1213.6	1218.0	1227.9	1234.2	1245.4	1250.0	1248.8
77.5°	1060.7	1063.1	1072.7	1078.1	1086.3	1091.9	1104.7	1114.9	1135.4	1144.2	1135.2
80°	903.5	906.1	916.0	921.0	931.9	938.8	953.0	964.9	983.3	987.3	982.1
82.5°	710.3	711.0	720.0	723.7	737.8	748.0	766.0	775.5	786.9	785.2	783.8
85°	484.3	490.9	502.0	513.3	530.4	547.0	564.0	578.1	568.1	583.8	566.2
87.5°	258.8	258.1	273.3	270.9	295.0	308.9	323.7	330.7	338.7	337.1	337.2
90°	68.4	64.7	64.9	60.8	62.2	57.7	60.4	56.3	59.7	54.7	62.4
92.5°	66.0	63.3	60.4	57.6	54.7	51.9	49.0	46.2	43.4	40.6	43.4
95°	80.3	77.7	75.1	72.3	69.7	67.2	64.5	61.9	59.4	56.7	60.0
97.5°	98.6	97.1	95.5	94.1	92.5	91.0	89.5	88.0	86.3	84.7	86.9
100°	111.2	111.2	111.2	111.2	110.8	110.8	110.8	110.8	110.8	110.8	112.6
102.5°	209.5	204.6	199.6	194.4	189.4	184.3	179.4	174.4	169.4	164.4	171.7
105°	468.3	448.8	429.1	409.6	389.8	370.3	350.7	331.3	311.7	292.2	312.4
107.5°	866.1	830.3	794.6	759.0	723.2	687.6	652.0	616.4	580.9	545.2	577.2
110°	1207.0	1169.1	1131.2	1093.4	1055.5	1017.5	979.8	942.0	904.3	866.5	896.9



TEST NUMBER: P1444784
 CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	1345.4	1320.6	1296.1	1271.7	1247.2	1222.8	1198.4	1174.1	1149.9	1125.6	1140.3
115°	1327.7	1316.0	1304.1	1292.4	1280.7	1269.0	1257.4	1245.8	1234.3	1222.8	1223.7
117.5°	1218.9	1214.8	1210.7	1206.7	1202.6	1198.7	1194.8	1191.2	1187.3	1183.8	1175.5
120°	1062.0	1062.9	1063.8	1064.8	1066.1	1067.5	1068.5	1069.9	1071.5	1073.0	1061.9
122.5°	907.6	910.0	912.6	915.3	918.1	921.0	923.9	927.2	930.4	933.7	922.6
125°	773.7	776.2	778.5	781.2	783.5	786.6	789.5	792.8	795.9	799.3	790.0
127.5°	678.3	678.7	679.1	679.8	680.6	681.7	682.9	684.2	685.7	687.5	681.6
130°	618.8	617.2	615.6	614.3	612.9	612.0	611.2	610.6	610.0	609.7	607.1
132.5°	585.9	582.9	580.0	577.2	574.5	572.3	569.9	568.1	566.2	564.6	563.9
135°	569.4	565.5	561.7	558.1	554.5	551.5	548.2	545.7	542.9	540.4	541.1
137.5°	559.7	555.9	552.0	548.5	544.9	542.0	538.7	535.9	533.4	530.9	532.0
140°	558.2	554.4	550.6	547.2	543.9	540.7	537.5	535.0	532.1	529.9	530.6
142.5°	554.7	551.7	548.0	545.0	541.7	539.0	536.3	533.9	531.1	529.3	530.1
145°	553.0	550.6	548.0	545.5	543.3	541.4	539.0	537.3	535.5	534.4	534.7
147.5°	549.1	547.5	545.2	543.7	541.7	540.4	538.7	537.6	536.3	535.4	535.5
150°	542.2	541.1	539.8	538.7	537.5	536.6	535.6	534.9	534.1	533.6	533.6
152.5°	534.2	533.3	532.1	531.2	530.2	529.5	528.7	528.1	527.5	526.9	526.8
155°	523.9	523.4	523.0	522.7	522.2	522.3	521.9	522.0	521.8	521.8	522.0
157.5°	518.7	518.8	518.5	518.9	518.8	519.0	518.9	519.3	519.2	519.8	520.1
160°	517.2	517.2	516.9	517.0	516.9	516.8	516.9	517.0	517.1	517.2	517.6
162.5°	515.5	516.1	516.2	516.6	517.1	517.4	518.0	518.6	519.0	519.7	520.1
165°	518.9	518.9	518.8	518.8	519.1	519.1	519.3	519.9	519.9	520.4	521.1
167.5°	520.8	521.1	521.2	521.6	522.0	522.6	523.0	523.7	524.2	525.1	525.7
170°	526.4	526.4	526.4	526.4	526.4	526.8	526.9	527.0	527.2	527.8	528.1
172.5°	533.5	533.5	533.1	533.5	533.1	533.5	533.5	533.6	533.6	533.7	533.9
175°	536.7	537.2	537.5	537.8	537.8	538.1	538.3	538.5	538.7	539.1	539.1
177.5°	540.6	540.8	540.8	540.8	540.8	541.0	541.0	541.0	541.0	540.8	541.0
180°	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2



TEST NUMBER: P1444784
 CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9
2.5°	46988.9	46965.3	46989.4	46965.0	46989.4	46960.2	46980.0	46948.3	46956.5	46923.6	46932.0
5°	48765.6	48728.2	48748.1	48699.4	48704.6	48639.5	48638.3	48562.7	48542.7	48456.5	48418.7
7.5°	50202.3	50190.1	50196.9	50165.7	50162.1	50117.6	50096.5	50033.9	49994.5	49915.3	49861.1
10°	49974.9	50011.5	50021.0	50058.3	50066.1	50103.1	50110.8	50147.7	50155.5	50182.8	50183.2
12.5°	47700.3	47824.6	47854.4	48008.0	48072.7	48248.4	48342.7	48536.4	48651.4	48844.5	48963.3
15°	43318.3	43533.4	43619.3	43919.2	44085.1	44435.3	44655.3	45057.4	45341.2	45768.3	46072.9
17.5°	37287.3	37587.9	37723.7	38130.4	38395.8	38912.6	39285.2	39898.3	40367.7	41049.1	41589.2
20°	30599.3	30933.6	31117.7	31581.8	31895.0	32498.8	32963.9	33717.4	34345.7	35209.1	35947.5
22.5°	24129.3	24447.3	24651.8	25123.9	25476.5	26106.4	26626.1	27421.4	28125.4	29098.3	29983.6
25°	18526.8	18818.1	19003.0	19430.1	19761.1	20339.9	20836.3	21601.2	22290.0	23265.9	24173.7
27.5°	14163.5	14407.6	14585.7	14949.8	15241.9	15732.8	16159.1	16791.2	17384.8	18229.1	19037.4
30°	10843.3	11059.7	11233.0	11550.2	11820.9	12246.4	12621.4	13152.3	13643.5	14315.4	14958.4
32.5°	8286.1	8472.4	8626.8	8904.4	9150.0	9533.2	9871.0	10336.4	10758.0	11327.8	11856.9
35°	6317.8	6684.4	6658.3	7041.3	7102.8	7377.8	7679.1	8086.1	8459.5	8944.0	9394.3
37.5°	4903.7	5006.7	5117.1	5286.3	5464.3	5714.5	5969.0	6466.3	6648.6	7014.7	7387.5
40°	3954.3	4023.9	4096.9	4211.3	4335.8	4512.1	4697.5	4934.7	5177.7	5474.6	5777.8
42.5°	3343.0	3382.4	3428.8	3496.1	3572.8	3684.6	3808.6	3969.4	4138.5	4347.5	4560.7
45°	2986.8	2968.0	2981.8	3018.0	3064.2	3132.2	3210.4	3310.0	3420.1	3555.4	3699.5
47.5°	2654.7	2662.3	2666.4	2686.0	2710.8	2756.3	2803.8	2871.4	3001.9	3041.7	3120.3
50°	2435.4	2439.0	2437.8	2447.8	2460.3	2490.0	2520.8	2566.5	2612.2	2672.8	2730.6
52.5°	2251.6	2256.8	2256.0	2262.6	2269.3	2288.0	2307.4	2339.8	2369.7	2408.2	2441.5
55°	2106.4	2113.5	2116.2	2121.7	2125.0	2134.8	2142.6	2158.0	2170.7	2192.6	2212.7
57.5°	1994.7	2004.4	2008.9	2010.8	2006.8	2006.3	2003.7	2007.0	2009.6	2021.3	2032.6
60°	1906.9	1914.6	1915.8	1914.6	1907.4	1902.2	1894.0	1891.4	1890.1	1895.7	1901.9
62.5°	1814.8	1817.6	1815.7	1813.5	1805.2	1800.2	1791.6	1788.5	1785.6	1789.5	1792.9
65°	1687.6	1690.0	1687.6	1686.2	1678.8	1674.9	1667.6	1665.2	1661.1	1662.1	1661.5
67.5°	1584.3	1586.6	1584.7	1582.8	1577.7	1575.3	1569.9	1566.5	1561.5	1559.6	1556.2
70°	1481.2	1483.1	1480.2	1478.3	1472.4	1470.2	1465.2	1464.2	1460.2	1459.4	1455.4
72.5°	1362.7	1362.8	1358.8	1357.5	1353.2	1353.1	1351.0	1352.9	1352.7	1354.8	1354.0
75°	1241.5	1239.8	1234.6	1233.7	1230.4	1232.0	1229.7	1232.7	1233.1	1237.5	1238.0
77.5°	1120.0	1113.7	1103.8	1099.2	1092.7	1091.9	1088.0	1090.6	1089.8	1094.9	1096.9
80°	966.6	958.9	946.3	940.3	932.5	931.3	927.9	931.3	929.6	935.6	940.0
82.5°	771.7	765.0	752.0	747.2	738.2	739.0	735.3	739.0	738.6	747.4	752.6
85°	570.8	566.4	553.0	541.1	527.8	520.1	512.5	511.2	508.9	512.5	515.6
87.5°	329.7	325.6	315.1	308.2	284.9	286.0	276.9	276.4	274.2	272.1	276.9
90°	61.4	68.1	67.2	73.4	73.3	80.3	80.8	87.5	87.2	93.7	94.5
92.5°	46.2	49.0	51.8	54.7	57.6	60.4	63.2	66.0	72.1	77.8	84.2
95°	63.3	66.5	69.8	73.0	76.2	79.5	82.7	86.0	94.9	103.8	112.7
97.5°	89.3	91.3	93.4	95.6	97.8	100.0	102.1	104.3	114.0	123.6	133.1
100°	114.3	116.0	117.7	119.5	121.3	123.0	124.7	126.4	145.3	163.7	182.2
102.5°	179.2	186.5	194.0	201.3	208.9	216.3	223.7	231.0	273.5	315.9	358.2
105°	332.5	352.7	373.1	393.3	413.5	433.7	454.0	474.2	542.1	609.8	677.8
107.5°	609.1	641.0	672.9	704.9	736.8	768.8	800.7	832.8	898.9	965.2	1031.4
110°	927.3	957.8	988.2	1018.8	1049.2	1079.7	1110.3	1141.0	1180.8	1220.5	1260.3



TEST NUMBER: P1444784
 CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	1155.2	1169.9	1184.8	1199.8	1214.8	1229.8	1244.8	1259.9	1279.9	1299.8	1319.9
115°	1224.6	1225.5	1226.7	1227.8	1229.0	1230.1	1231.5	1232.8	1239.4	1245.7	1252.3
117.5°	1167.4	1159.4	1151.5	1143.5	1135.6	1128.0	1120.3	1112.8	1111.7	1110.7	1109.9
120°	1051.4	1040.6	1029.8	1018.8	1008.5	997.9	987.7	977.5	972.5	967.4	962.6
122.5°	911.9	901.3	890.6	880.0	869.7	859.5	849.4	839.4	836.1	832.6	829.6
125°	781.0	772.2	763.4	754.7	746.5	738.1	730.0	721.9	722.2	722.3	722.9
127.5°	676.3	671.0	665.7	660.8	656.1	651.2	646.8	642.1	645.1	648.0	651.0
130°	604.9	602.8	601.0	598.8	597.5	595.9	594.5	593.0	598.0	602.3	607.3
132.5°	563.9	563.7	563.9	564.1	564.6	565.1	566.0	566.5	571.9	577.1	582.5
135°	541.9	542.8	544.3	545.4	547.2	548.7	550.7	552.2	557.6	562.4	567.8
137.5°	533.4	534.7	536.4	538.1	540.3	542.2	544.5	546.5	550.7	554.9	558.9
140°	531.9	532.7	534.5	535.9	537.5	539.2	541.4	543.0	546.7	549.8	553.1
142.5°	531.4	532.1	533.6	535.1	536.7	538.1	539.9	541.4	544.1	546.4	549.4
145°	535.7	536.4	537.7	538.5	539.9	541.1	542.5	543.8	545.6	547.2	549.0
147.5°	536.2	536.7	537.5	538.5	539.4	540.4	541.2	542.1	543.4	544.6	545.8
150°	533.9	534.3	534.8	535.0	535.9	536.5	537.4	537.8	538.9	539.8	541.1
152.5°	527.5	527.7	528.0	528.4	529.0	529.5	529.9	530.6	531.7	532.4	533.5
155°	522.5	523.2	523.9	524.4	525.2	525.6	526.5	526.9	527.8	528.5	529.4
157.5°	520.8	521.1	522.0	522.3	523.2	523.8	524.4	524.9	525.8	526.3	527.0
160°	518.6	519.5	520.1	521.1	522.0	522.7	523.7	524.5	525.2	525.8	526.4
162.5°	520.9	521.6	522.2	522.8	523.5	524.1	524.7	525.3	526.4	527.0	528.0
165°	522.0	522.8	523.8	524.4	525.5	526.3	527.1	528.0	528.5	529.2	529.7
167.5°	526.6	527.1	528.3	528.9	529.9	530.7	531.6	532.3	532.9	533.3	534.0
170°	528.9	529.6	530.4	531.1	531.8	532.4	533.4	533.9	534.7	535.4	536.3
172.5°	534.6	535.1	535.7	536.1	536.7	537.4	538.0	538.4	539.1	539.6	540.2
175°	539.1	539.1	539.3	539.4	539.6	539.6	539.8	540.2	540.4	540.4	540.6
177.5°	541.3	541.4	541.6	541.9	542.1	542.3	542.5	542.7	542.7	542.7	542.7
180°	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2



TEST NUMBER: P1444784
 CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9
2.5°	46899.2	46901.2	46863.4	46861.3	46825.9	46821.4	46786.8	46776.4	46748.3	46738.1	46709.6
5°	48322.0	48276.0	48169.5	48106.9	48001.6	47931.9	47818.1	47743.8	47633.9	47551.0	47440.4
7.5°	49761.1	49689.6	49570.0	49473.2	49327.1	49210.6	49039.7	48899.8	48714.7	48554.6	48360.2
10°	50183.2	50172.2	50141.8	50097.3	50029.5	49953.1	49836.8	49715.5	49553.4	49377.3	49161.2
12.5°	49144.7	49256.8	49409.7	49500.3	49610.6	49659.0	49704.2	49692.8	49663.1	49574.0	49449.1
15°	46514.1	46829.1	47246.4	47569.8	47941.7	48212.2	48510.7	48696.8	48882.4	48968.1	49020.5
17.5°	42329.3	42925.9	43674.1	44294.1	45009.5	45584.1	46213.9	46688.1	47175.7	47525.0	47840.9
20°	36953.9	37818.4	38876.5	39811.3	40898.3	41842.9	42878.0	43727.8	44604.1	45289.3	45937.8
22.5°	31123.6	32150.2	33429.5	34614.5	36015.7	37275.1	38695.9	39932.6	41223.7	42302.5	43345.4
25°	25390.4	26516.2	27915.0	29237.2	30824.2	32289.0	33974.0	35515.2	37184.1	38633.0	40064.3
27.5°	20155.0	21260.4	22688.5	24095.9	25774.1	27334.9	29140.3	30838.4	32738.6	34490.9	36283.3
30°	15852.1	16789.7	18070.1	19433.3	21088.5	22676.8	24501.8	26248.3	28225.0	30138.3	32157.3
32.5°	12559.1	13273.4	14280.1	15432.8	16960.0	18471.9	20209.7	21895.6	23842.3	25774.9	27874.8
35°	9974.2	10531.4	11298.9	12198.5	13491.7	14795.0	16332.1	17865.3	19681.4	21515.3	23556.4
37.5°	7865.2	8317.3	8918.4	9594.1	10631.4	11701.1	12961.4	14232.4	15810.5	17436.1	19286.0
40°	6141.9	6507.9	6975.8	7479.8	8263.1	9087.3	10062.0	11047.6	12315.4	13644.1	15174.9
42.5°	4824.9	5094.9	5425.6	5793.8	6524.6	6962.1	7623.0	8336.0	9268.0	10232.5	11383.6
45°	3874.8	4059.1	4288.3	4535.3	4874.4	5245.7	5698.3	6173.0	7058.4	7492.7	8192.8
47.5°	3235.9	3359.6	3505.4	3661.0	3861.1	4076.9	4345.4	4619.9	4974.9	5342.8	5774.1
50°	2805.5	2931.2	2981.4	3062.0	3177.8	3301.0	3452.4	3603.7	3794.2	3987.1	4209.2
52.5°	2486.2	2527.1	2581.6	2632.9	2704.6	2845.0	2890.4	2969.5	3076.3	3180.7	3297.3
55°	2242.3	2268.9	2304.3	2335.3	2378.7	2420.1	2480.0	2532.6	2603.8	2666.8	2744.2
57.5°	2052.4	2069.4	2094.0	2114.3	2142.4	2165.8	2200.8	2229.4	2270.4	2305.9	2352.8
60°	1914.4	1925.8	1942.4	1955.6	1973.4	1985.7	2003.1	2016.5	2038.2	2056.2	2082.3
62.5°	1801.8	1807.7	1818.5	1826.3	1837.6	1843.7	1853.1	1858.9	1870.8	1879.9	1894.5
65°	1666.6	1668.0	1675.3	1678.5	1687.4	1690.7	1698.3	1701.0	1710.8	1717.5	1730.5
67.5°	1555.9	1552.7	1552.9	1550.4	1551.5	1549.0	1549.6	1546.9	1550.8	1552.9	1562.7
70°	1454.7	1450.4	1449.0	1444.4	1443.1	1438.2	1436.8	1432.5	1432.0	1430.6	1434.1
72.5°	1356.1	1355.0	1355.3	1352.1	1351.7	1348.4	1348.6	1346.5	1348.8	1349.8	1354.2
75°	1242.8	1243.2	1245.4	1242.5	1243.3	1240.6	1241.6	1239.0	1240.4	1239.9	1244.4
77.5°	1104.9	1108.2	1114.2	1113.0	1114.9	1111.8	1113.2	1109.5	1110.5	1108.2	1109.9
80°	949.7	956.6	964.7	964.3	967.8	965.6	968.7	965.2	966.6	962.4	961.4
82.5°	765.6	771.4	780.0	780.3	787.9	789.3	797.7	797.4	802.7	799.3	796.8
85°	523.4	527.3	534.9	539.0	546.8	551.6	559.7	562.9	557.1	567.7	559.3
87.5°	273.3	283.4	277.8	291.0	287.9	301.4	298.4	310.8	308.4	319.0	317.7
90°	103.0	104.5	113.3	115.3	125.8	128.8	133.6	129.9	134.3	130.9	135.5
92.5°	89.9	96.4	102.5	108.6	114.7	120.8	115.1	109.5	103.8	98.2	92.5
95°	121.5	130.5	139.4	148.3	157.2	166.0	156.5	147.1	137.6	128.1	118.5
97.5°	142.7	152.3	161.8	171.3	181.1	190.6	179.3	168.0	156.7	145.6	134.3
100°	200.6	219.2	237.6	256.1	274.7	293.2	272.4	251.2	230.4	209.4	188.2
102.5°	400.9	443.1	485.5	528.0	570.4	612.9	568.4	524.0	479.3	434.8	390.1
105°	745.7	813.6	881.5	949.4	1017.2	1085.4	1013.1	940.9	868.5	796.4	724.0
107.5°	1097.7	1163.8	1230.3	1296.4	1362.8	1429.3	1356.0	1282.7	1209.6	1136.2	1062.9
110°	1300.3	1340.2	1380.2	1420.1	1460.0	1500.2	1446.7	1393.4	1340.0	1286.4	1233.0



TEST NUMBER: P1444784
 CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	1339.8	1360.3	1380.2	1400.6	1420.6	1440.9	1402.7	1364.8	1326.5	1288.5	1250.3
115°	1259.1	1265.5	1272.3	1279.0	1285.5	1292.2	1266.7	1241.1	1215.6	1190.0	1164.1
117.5°	1109.1	1108.5	1107.4	1107.1	1106.0	1105.4	1091.2	1077.2	1062.8	1048.5	1034.2
120°	957.5	952.6	947.7	942.9	937.8	932.8	927.1	921.4	915.3	909.4	903.4
122.5°	826.2	823.1	819.8	816.6	813.1	809.7	807.6	805.9	803.6	801.7	799.3
125°	723.2	723.4	723.8	724.2	724.3	724.6	723.6	723.0	722.0	721.3	720.2
127.5°	653.6	656.7	659.4	662.2	664.8	667.6	667.5	667.8	667.8	667.9	667.8
130°	611.7	616.7	621.1	625.5	629.7	634.5	634.0	633.9	633.6	633.3	632.9
132.5°	587.8	592.9	598.1	603.5	608.3	613.4	612.9	612.7	611.9	611.7	611.0
135°	572.6	577.6	582.2	587.5	592.0	596.8	596.0	595.5	594.6	594.2	593.4
137.5°	562.7	567.1	571.0	574.9	578.5	582.5	581.6	581.0	580.1	579.7	578.8
140°	556.3	559.7	562.6	565.9	568.9	572.1	570.9	570.0	568.8	567.8	566.6
142.5°	551.8	554.3	556.5	559.1	561.3	563.7	561.8	560.3	558.8	557.1	555.5
145°	550.6	552.5	554.0	555.7	556.8	558.7	556.6	554.8	552.5	550.7	548.5
147.5°	546.8	548.1	548.9	550.1	550.7	551.9	549.8	547.9	546.0	543.9	541.8
150°	541.7	543.1	543.7	544.6	545.4	546.4	544.2	542.2	539.9	537.7	535.7
152.5°	534.4	535.3	536.1	536.7	537.5	538.3	536.1	534.3	532.1	529.9	527.8
155°	529.7	530.6	530.9	531.7	531.8	532.3	530.3	528.9	527.1	525.4	523.4
157.5°	527.5	528.2	528.8	529.0	529.4	529.9	528.6	527.4	525.9	524.7	523.1
160°	526.9	527.5	527.9	528.3	528.8	529.0	527.9	527.0	525.9	524.7	523.3
162.5°	528.7	529.6	530.1	530.7	531.5	532.0	530.7	529.4	528.1	526.8	525.2
165°	530.2	530.7	531.3	531.7	531.9	532.5	531.6	530.8	529.7	528.9	527.9
167.5°	534.4	535.0	535.4	535.9	536.1	536.4	535.5	534.9	533.8	532.9	531.8
170°	536.5	537.2	537.9	538.5	538.9	539.3	538.6	538.0	537.1	536.5	535.5
172.5°	540.7	541.4	541.5	542.1	542.3	542.8	542.1	541.3	540.5	539.7	538.8
175°	540.6	540.8	541.2	541.2	541.2	541.4	540.7	540.1	539.4	538.8	538.1
177.5°	542.7	542.7	542.7	542.5	542.5	542.5	542.1	541.6	541.3	540.8	540.2
180°	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2



TEST NUMBER: P1444784
 CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9	46407.9
2.5°	46699.4	46679.1	46666.1	46649.4	46639.2	46626.4	46616.9	46608.8	46602.3	46596.3	46591.8
5°	47356.1	47251.7	47170.7	47083.0	47010.9	46939.1	46883.7	46837.7	46806.1	46782.4	46768.2
7.5°	48192.1	48001.1	47831.2	47652.3	47492.0	47334.3	47198.4	47081.3	46993.4	46936.4	46901.9
10°	48938.8	48683.0	48430.1	48163.8	47911.4	47666.4	47440.4	47241.6	47084.3	46979.7	46918.6
12.5°	49273.5	49055.6	48797.3	48508.2	48198.8	47885.7	47580.6	47305.4	47074.4	46919.5	46830.0
15°	48978.8	48889.3	48714.0	48489.6	48196.0	47872.3	47514.0	47177.2	46867.5	46666.6	46550.2
17.5°	48019.9	48144.7	48131.3	48045.5	47834.4	47562.0	47196.9	46818.6	46431.1	46162.7	46016.0
20°	46401.7	46794.2	46993.4	47095.6	47012.7	46836.0	46505.5	46121.5	45669.9	45319.4	45105.5
22.5°	44127.8	44820.8	45252.7	45568.6	45635.7	45575.5	45283.6	44918.5	44415.0	43993.7	43677.7
25°	41200.5	42215.7	42898.2	43433.3	43641.1	43694.8	43446.3	43083.3	42522.1	42031.2	41597.2
27.5°	37752.5	39071.8	39983.0	40701.9	41026.4	41167.1	40938.5	40568.1	39904.1	39318.2	38751.3
30°	33870.8	35435.9	36533.1	37395.1	37790.8	37976.6	37733.8	37320.3	36547.7	35842.5	35128.4
32.5°	29716.2	31428.9	32624.4	33560.6	33952.5	34127.5	33809.8	33345.4	32452.4	31621.6	30788.9
35°	25366.2	27095.0	28300.7	29211.9	29540.3	29645.8	29239.5	28702.8	27713.5	26801.7	25893.6
37.5°	20927.8	22536.1	23631.9	24449.7	24653.0	24671.3	24181.8	23588.8	22549.0	21650.0	20746.0
40°	16527.7	17884.0	18768.8	19423.4	19493.9	19431.0	18898.8	18302.1	17329.4	16523.9	15730.3
42.5°	12383.0	13406.9	14038.1	14486.7	14460.0	14335.7	13847.7	13334.8	12532.3	11918.8	11294.3
45°	8832.2	9507.3	9876.4	10138.8	10054.5	9936.1	9556.3	9196.8	8651.5	8255.2	7835.5
47.5°	6135.8	6942.0	6801.6	7314.9	6872.7	7164.7	6556.6	6221.3	5931.8	5721.4	5484.2
50°	4392.7	4577.4	4666.7	4727.6	4695.2	4650.4	4541.2	4443.5	4311.2	4214.9	4102.6
52.5°	3392.4	3484.7	3535.3	3571.9	3564.8	3548.4	3500.8	3457.3	3395.3	3354.6	3305.4
55°	2873.5	2874.9	2968.0	2928.0	2987.0	2917.8	2945.0	2868.5	2880.9	2815.1	2771.0
57.5°	2387.8	2425.6	2442.6	2459.1	2454.5	2451.6	2433.2	2423.9	2403.1	2396.7	2381.9
60°	2100.4	2120.2	2124.3	2131.9	2125.5	2123.1	2108.7	2103.5	2089.5	2087.0	2077.1
62.5°	1903.3	1913.4	1913.4	1913.4	1905.2	1897.2	1881.3	1872.8	1861.0	1858.4	1852.7
65°	1738.9	1749.3	1751.0	1753.3	1747.3	1741.1	1727.0	1717.9	1705.6	1701.0	1694.5
67.5°	1569.1	1580.3	1584.1	1589.7	1586.3	1585.1	1575.5	1571.8	1563.8	1561.9	1555.9
70°	1435.8	1440.4	1440.1	1439.9	1432.4	1425.7	1414.5	1409.2	1400.7	1399.0	1393.5
72.5°	1356.5	1359.8	1357.7	1354.8	1345.0	1335.0	1322.0	1312.3	1301.3	1294.4	1286.7
75°	1244.8	1249.2	1246.5	1244.6	1235.8	1229.3	1218.7	1213.4	1205.7	1203.4	1198.1
77.5°	1107.8	1109.9	1105.4	1104.9	1098.2	1094.0	1086.1	1084.8	1079.1	1079.3	1074.1
80°	955.3	954.0	946.8	945.5	938.8	937.1	930.8	931.2	926.7	928.6	925.0
82.5°	786.0	781.7	772.3	769.5	761.8	761.0	757.0	760.4	757.6	761.8	759.3
85°	563.3	564.5	560.4	560.4	558.1	558.8	558.5	561.0	561.4	565.2	565.0
87.5°	314.0	318.6	317.7	321.8	321.7	326.3	327.8	334.7	335.5	342.0	342.0
90°	132.1	137.2	133.6	138.9	137.6	144.1	143.8	150.4	149.3	154.8	152.4
92.5°	86.9	81.2	75.7	70.0	67.2	64.0	61.7	58.3	55.8	52.7	49.8
95°	108.9	99.4	89.8	80.3	77.0	73.6	70.3	67.1	63.9	60.6	57.4
97.5°	123.1	111.8	100.5	89.2	86.4	83.6	80.6	77.8	74.9	72.1	69.2
100°	167.2	146.2	125.3	104.0	101.7	99.2	96.9	94.5	92.1	89.5	87.2
102.5°	345.6	300.8	256.1	211.4	203.0	194.5	186.1	177.5	168.9	160.5	152.1
105°	651.7	579.1	506.8	434.3	411.3	388.3	365.3	342.2	319.2	296.2	273.3
107.5°	989.4	915.8	842.5	768.9	726.6	684.1	641.5	598.8	556.5	513.8	471.2
110°	1179.5	1125.9	1072.3	1018.4	984.5	950.3	915.9	881.7	847.6	813.2	778.8



TEST NUMBER: P1444784
 CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1212.0	1173.7	1135.4	1096.7	1081.5	1065.8	1050.6	1035.0	1019.5	1003.8	988.4
115°	1138.3	1112.6	1086.8	1060.7	1055.5	1050.0	1044.7	1039.1	1033.8	1028.1	1022.5
117.5°	1020.0	1005.5	991.0	976.6	977.6	978.6	979.7	980.6	981.4	982.0	982.9
120°	897.4	891.3	885.5	879.2	884.3	889.0	894.0	898.5	903.2	907.5	912.0
122.5°	797.4	794.9	793.0	790.4	796.6	802.4	808.2	813.9	819.5	824.7	830.0
125°	719.4	718.4	717.5	716.2	722.3	728.3	734.1	739.7	745.5	750.7	756.1
127.5°	668.0	667.9	668.0	667.8	672.4	676.5	680.7	684.6	688.8	692.3	695.8
130°	632.6	632.2	632.0	631.5	635.6	639.4	643.6	646.9	650.7	653.6	656.9
132.5°	610.7	610.1	609.7	609.0	612.2	614.9	618.0	620.2	622.9	624.8	627.0
135°	592.8	591.9	591.4	590.4	593.3	596.1	598.7	601.0	603.4	605.2	607.1
137.5°	578.2	577.2	576.6	575.6	578.3	580.8	583.0	585.1	587.2	589.1	590.6
140°	565.8	564.5	563.7	562.4	564.7	566.9	569.1	570.8	572.9	574.2	575.6
142.5°	553.9	552.0	550.8	548.8	550.6	552.1	553.7	555.0	556.5	557.4	558.3
145°	546.5	544.3	542.5	540.4	541.7	542.8	544.3	545.4	546.2	546.9	547.8
147.5°	540.1	537.8	535.7	533.6	535.0	535.7	536.5	537.1	538.1	538.5	538.9
150°	533.5	531.0	528.8	526.5	527.3	527.9	528.5	529.3	529.8	530.2	530.6
152.5°	525.7	523.5	521.2	518.9	519.4	519.9	520.2	520.6	521.0	521.3	521.5
155°	521.7	519.7	517.8	515.6	516.2	516.5	516.7	517.0	517.1	517.2	517.2
157.5°	521.6	519.9	518.6	516.8	516.8	516.9	516.9	516.4	516.4	516.2	515.9
160°	522.2	520.8	519.4	518.0	517.9	517.8	517.8	517.2	517.2	516.7	516.3
162.5°	523.7	522.2	520.5	518.8	518.7	518.8	518.6	518.1	518.0	517.6	517.2
165°	527.0	525.8	524.7	523.3	523.1	522.8	522.6	521.9	521.6	520.9	520.3
167.5°	530.7	529.7	528.4	526.9	526.9	527.0	526.9	526.7	526.5	526.0	525.9
170°	534.7	533.6	532.8	531.7	531.5	531.3	530.9	530.6	530.0	529.7	529.2
172.5°	537.8	536.9	535.9	534.7	534.7	534.6	534.2	534.0	533.5	533.1	533.0
175°	537.3	536.6	535.6	535.0	534.8	534.6	534.6	534.4	534.0	533.8	533.5
177.5°	539.7	539.4	538.6	538.2	538.0	538.0	537.8	537.6	537.6	537.5	537.3
180°	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2	540.2



TEST NUMBER: P1444784
CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	46407.9	46407.9
2.5°	46587.7	46585.2
5°	46760.9	46758.1
7.5°	46892.6	46891.7
10°	46908.1	46916.1
12.5°	46814.5	46821.1
15°	46541.3	46554.0
17.5°	46018.7	46035.4
20°	45118.5	45135.8
22.5°	43660.7	43667.9
25°	41541.2	41511.1
27.5°	38651.7	38599.9
30°	34978.4	34928.4
32.5°	30599.0	30567.7
35°	25669.1	25649.4
37.5°	20478.9	20438.6
40°	15440.2	15322.9
42.5°	11020.8	10815.0
45°	7616.3	7372.4
47.5°	5317.0	5166.2
50°	4030.2	3981.5
52.5°	3283.9	3272.5
55°	2770.8	2765.8
57.5°	2385.2	2383.5
60°	2082.3	2081.8
62.5°	1856.5	1857.3
65°	1697.4	1697.7
67.5°	1557.4	1556.3
70°	1395.6	1394.4
72.5°	1284.1	1282.2
75°	1198.1	1196.9
77.5°	1075.6	1073.7
80°	927.4	925.0
82.5°	762.8	760.0
85°	569.0	569.1
87.5°	348.1	347.9
90°	157.4	154.2
92.5°	47.3	44.8
95°	54.1	50.8
97.5°	66.4	63.6
100°	84.7	82.4
102.5°	143.6	135.1
105°	250.2	227.2
107.5°	428.7	386.2
110°	744.5	710.3



TEST NUMBER: P1444784
CATALOG NUMBER: EHBR1-60-UNV-TA-L935-UPL40

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	972.5	956.9
115°	1016.4	1010.8
117.5°	983.4	983.8
120°	916.0	920.4
122.5°	834.9	840.0
125°	761.0	765.9
127.5°	699.1	702.1
130°	659.3	662.2
132.5°	628.5	630.0
135°	608.3	609.7
137.5°	591.6	592.7
140°	576.4	577.3
142.5°	559.0	559.6
145°	548.2	548.5
147.5°	538.6	538.9
150°	530.5	530.6
152.5°	521.2	521.3
155°	517.0	516.9
157.5°	515.2	515.0
160°	515.8	515.4
162.5°	516.7	516.3
165°	519.5	518.8
167.5°	525.3	525.1
170°	528.7	528.3
172.5°	532.5	532.1
175°	533.3	533.1
177.5°	537.3	536.9
180°	540.2	540.2

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-6

Test Date: 08/01/2025

Luminaire Tested: EHBR-60-L935-N

Data in this report applies to families of products including EHBR-60-L935-N

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-472-6
 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-L935-N**
 Description: Elevate Round Highbay at, 60000 lumens, 3500K 90CRI LEDs with N lens

Spectral Parameters

CCT (K): 3406
 CIE u': 0.2394
 CIE v': 0.5094
 Duv: -0.0028
 CIE x: 0.4076
 CIE y: 0.3856
 CIE z: 0.2068
 Peak Wavelength (nm): 630
 Dominant Wavelength (nm): 582
 Purity: 38.0517
 Rf: 91.3
 Rg: 100

CRI (Ra):	94.6		
R1:	96.6	R9:	63.8
R2:	98.4	R10:	94.7
R3:	98.1	R11:	96.6
R4:	95.8	R12:	80.9
R5:	96.2	R13:	97.4
R6:	95.4	R14:	98.3
R7:	91.8	R15:	93.1
R8:	84.4		



Test Conditions

Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2506-472-6

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: SP1-2506-472-6

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-6

Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)
360	0	NR	490	140	NR	620	338	NR	750	8	NR	880	0	NR
365	0	NR	495	159	NR	625	339	NR	755	7	NR	885	0	NR
370	0	NR	500	182	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	202	NR	635	653	NR	765	5	NR	895	0	NR
380	0	NR	510	216	NR	640	222	NR	770	4	NR	900	0	NR
385	0	NR	515	228	NR	645	214	NR	775	3	NR	905	0	NR
390	0	NR	520	236	NR	650	185	NR	780	3	NR	910	0	NR
395	1	NR	525	242	NR	655	157	NR	785	3	NR	915	0	NR
400	2	NR	530	248	NR	660	133	NR	790	2	NR	920	0	NR
405	3	NR	535	253	NR	665	113	NR	795	2	NR	925	0	NR
410	4	NR	540	258	NR	670	103	NR	800	2	NR	930	0	NR
415	7	NR	545	264	NR	675	85	NR	805	1	NR	935	0	NR
420	13	NR	550	270	NR	680	72	NR	810	1	NR	940	0	NR
425	22	NR	555	278	NR	685	62	NR	815	1	NR	945	0	NR
430	38	NR	560	286	NR	690	53	NR	820	1	NR	950	0	NR
435	65	NR	565	295	NR	695	45	NR	825	1	NR	955	0	NR
440	108	NR	570	303	NR	700	39	NR	830	1	NR	960	0	NR
445	193	NR	575	311	NR	705	33	NR	835	1	NR	965	0	NR
450	312	NR	580	319	NR	710	28	NR	840	1	NR	970	0	NR
455	300	NR	585	326	NR	715	24	NR	845	0	NR	975	0	NR
460	214	NR	590	332	NR	720	20	NR	850	0	NR	980	0	NR
465	184	NR	595	333	NR	725	17	NR	855	0	NR	985	0	NR
470	153	NR	600	336	NR	730	15	NR	860	0	NR	990	0	NR
475	122	NR	605	337	NR	735	12	NR	865	0	NR	995	0	NR
480	115	NR	610	367	NR	740	10	NR	870	0	NR	1000	0	NR
485	125	NR	615	390	NR	745	9	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-6

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.62

λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)
360	0	NR	490	140	NR	620	338	NR	750	8	NR	880	0	NR
365	0	NR	495	159	NR	625	339	NR	755	7	NR	885	0	NR
370	0	NR	500	182	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	202	NR	635	653	NR	765	5	NR	895	0	NR
380	0	NR	510	216	NR	640	222	NR	770	4	NR	900	0	NR
385	0	NR	515	228	NR	645	214	NR	775	3	NR	905	0	NR
390	0	NR	520	236	NR	650	185	NR	780	3	NR	910	0	NR
395	1	NR	525	242	NR	655	157	NR	785	3	NR	915	0	NR
400	2	NR	530	248	NR	660	133	NR	790	2	NR	920	0	NR
405	3	NR	535	253	NR	665	113	NR	795	2	NR	925	0	NR
410	4	NR	540	258	NR	670	103	NR	800	2	NR	930	0	NR
415	7	NR	545	264	NR	675	85	NR	805	1	NR	935	0	NR
420	13	NR	550	270	NR	680	72	NR	810	1	NR	940	0	NR
425	22	NR	555	278	NR	685	62	NR	815	1	NR	945	0	NR
430	38	NR	560	286	NR	690	53	NR	820	1	NR	950	0	NR
435	65	NR	565	295	NR	695	45	NR	825	1	NR	955	0	NR
440	108	NR	570	303	NR	700	39	NR	830	1	NR	960	0	NR
445	193	NR	575	311	NR	705	33	NR	835	1	NR	965	0	NR
450	312	NR	580	319	NR	710	28	NR	840	1	NR	970	0	NR
455	300	NR	585	326	NR	715	24	NR	845	0	NR	975	0	NR
460	214	NR	590	332	NR	720	20	NR	850	0	NR	980	0	NR
465	184	NR	595	333	NR	725	17	NR	855	0	NR	985	0	NR
470	153	NR	600	336	NR	730	15	NR	860	0	NR	990	0	NR
475	122	NR	605	337	NR	735	12	NR	865	0	NR	995	0	NR
480	115	NR	610	367	NR	740	10	NR	870	0	NR	1000	0	NR
485	125	NR	615	390	NR	745	9	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-6

Melanopic Flux vs. Wavelength

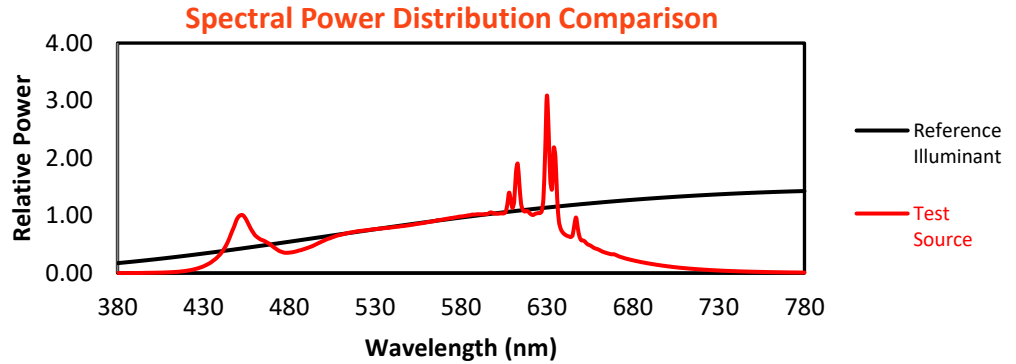


Melanopic Lumens: NR M/P: 3.3

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	140	NR	620	338	NR	750	8	NR	880	0	NR
365	0	NR	495	159	NR	625	339	NR	755	7	NR	885	0	NR
370	0	NR	500	182	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	202	NR	635	653	NR	765	5	NR	895	0	NR
380	0	NR	510	216	NR	640	222	NR	770	4	NR	900	0	NR
385	0	NR	515	228	NR	645	214	NR	775	3	NR	905	0	NR
390	0	NR	520	236	NR	650	185	NR	780	3	NR	910	0	NR
395	1	NR	525	242	NR	655	157	NR	785	3	NR	915	0	NR
400	2	NR	530	248	NR	660	133	NR	790	2	NR	920	0	NR
405	3	NR	535	253	NR	665	113	NR	795	2	NR	925	0	NR
410	4	NR	540	258	NR	670	103	NR	800	2	NR	930	0	NR
415	7	NR	545	264	NR	675	85	NR	805	1	NR	935	0	NR
420	13	NR	550	270	NR	680	72	NR	810	1	NR	940	0	NR
425	22	NR	555	278	NR	685	62	NR	815	1	NR	945	0	NR
430	38	NR	560	286	NR	690	53	NR	820	1	NR	950	0	NR
435	65	NR	565	295	NR	695	45	NR	825	1	NR	955	0	NR
440	108	NR	570	303	NR	700	39	NR	830	1	NR	960	0	NR
445	193	NR	575	311	NR	705	33	NR	835	1	NR	965	0	NR
450	312	NR	580	319	NR	710	28	NR	840	1	NR	970	0	NR
455	300	NR	585	326	NR	715	24	NR	845	0	NR	975	0	NR
460	214	NR	590	332	NR	720	20	NR	850	0	NR	980	0	NR
465	184	NR	595	333	NR	725	17	NR	855	0	NR	985	0	NR
470	153	NR	600	336	NR	730	15	NR	860	0	NR	990	0	NR
475	122	NR	605	337	NR	735	12	NR	865	0	NR	995	0	NR
480	115	NR	610	367	NR	740	10	NR	870	0	NR	1000	0	NR
485	125	NR	615	390	NR	745	9	NR	875	0	NR			

Summary

$R_f = 91.3$
 $R_g = 100$
 $CIE R_a = 94.6$
 $R_9 = 63.8$



Color Vector Graphics

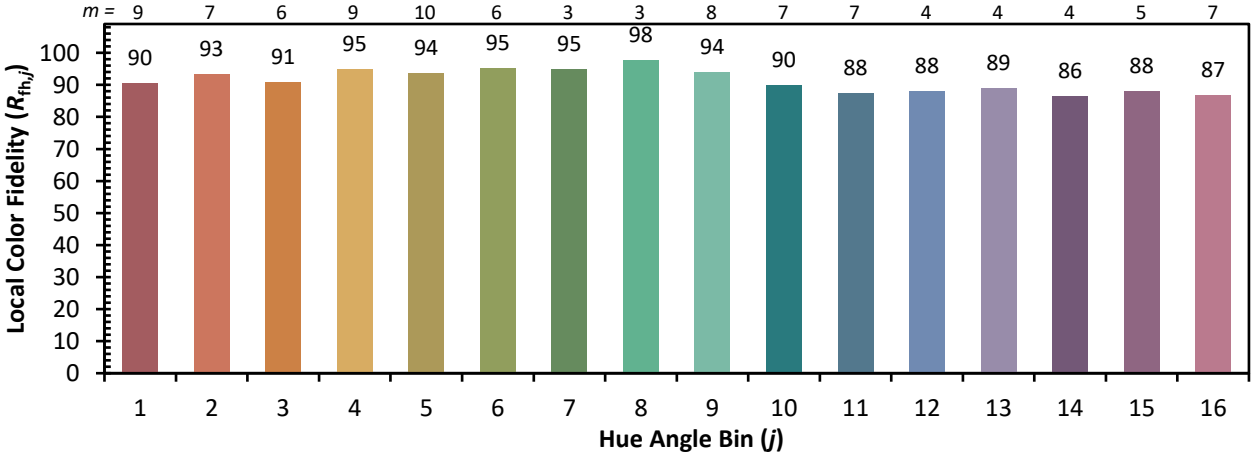


Individual Sample Fidelity Index ($R_{f,i}$)

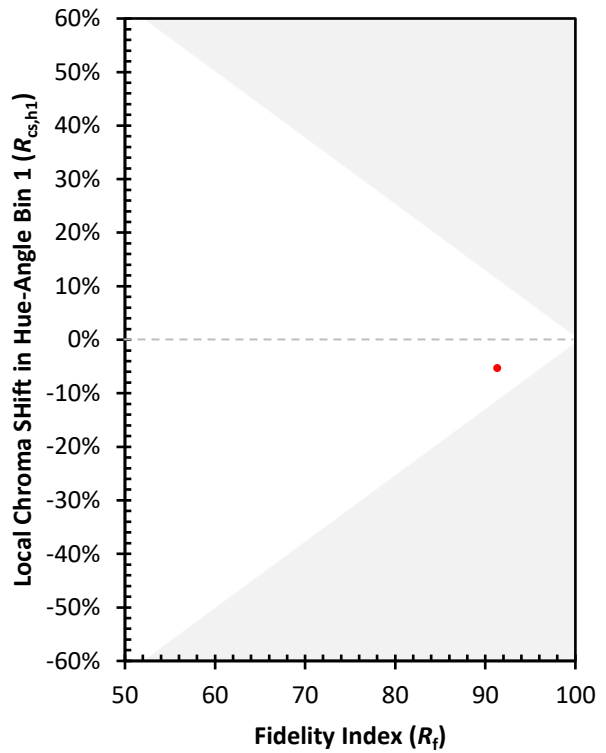
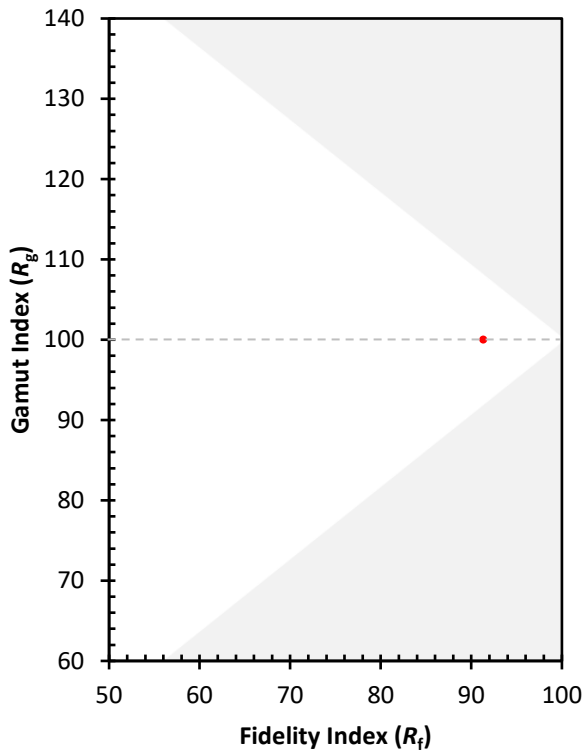
CES01 = 86	CES26 = 94	CES51 = 97	CES76 = 90
CES02 = 63	CES27 = 92	CES52 = 98	CES77 = 86
CES03 = 31	CES28 = 97	CES53 = 98	CES78 = 86
CES04 = 70	CES29 = 97	CES54 = 93	CES79 = 90
CES05 = 50	CES30 = 92	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 97	CES56 = 96	CES81 = 74
CES07 = 43	CES32 = 89	CES57 = 94	CES82 = 96
CES08 = 41	CES33 = 99	CES58 = 95	CES83 = 94
CES09 = 29	CES34 = 94	CES59 = 98	CES84 = 95
CES10 = 75	CES35 = 97	CES60 = 92	CES85 = 79
CES11 = 58	CES36 = 81	CES61 = 93	CES86 = 79
CES12 = 64	CES37 = 96	CES62 = 86	CES87 = 92
CES13 = 44	CES38 = 87	CES63 = 94	CES88 = 98
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 84
CES15 = 72	CES40 = 97	CES65 = 90	CES90 = 96
CES16 = 48	CES41 = 96	CES66 = 89	CES91 = 75
CES17 = 49	CES42 = 94	CES67 = 88	CES92 = 76
CES18 = 56	CES43 = 93	CES68 = 89	CES93 = 86
CES19 = 71	CES44 = 99	CES69 = 90	CES94 = 74
CES20 = 67	CES45 = 97	CES70 = 88	CES95 = 83
CES21 = 86	CES46 = 97	CES71 = 83	CES96 = 92
CES22 = 78	CES47 = 91	CES72 = 94	CES97 = 96
CES23 = 91	CES48 = 91	CES73 = 83	CES98 = 95
CES24 = 90	CES49 = 96	CES74 = 90	CES99 = 92
CES25 = 71	CES50 = 98	CES75 = 85	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)