

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: EPHESUS

Report Number: P902061 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-AV-03-1360S-57-85-A35-NB-LTM**

Issue Date: 11/13/2024

Test Information

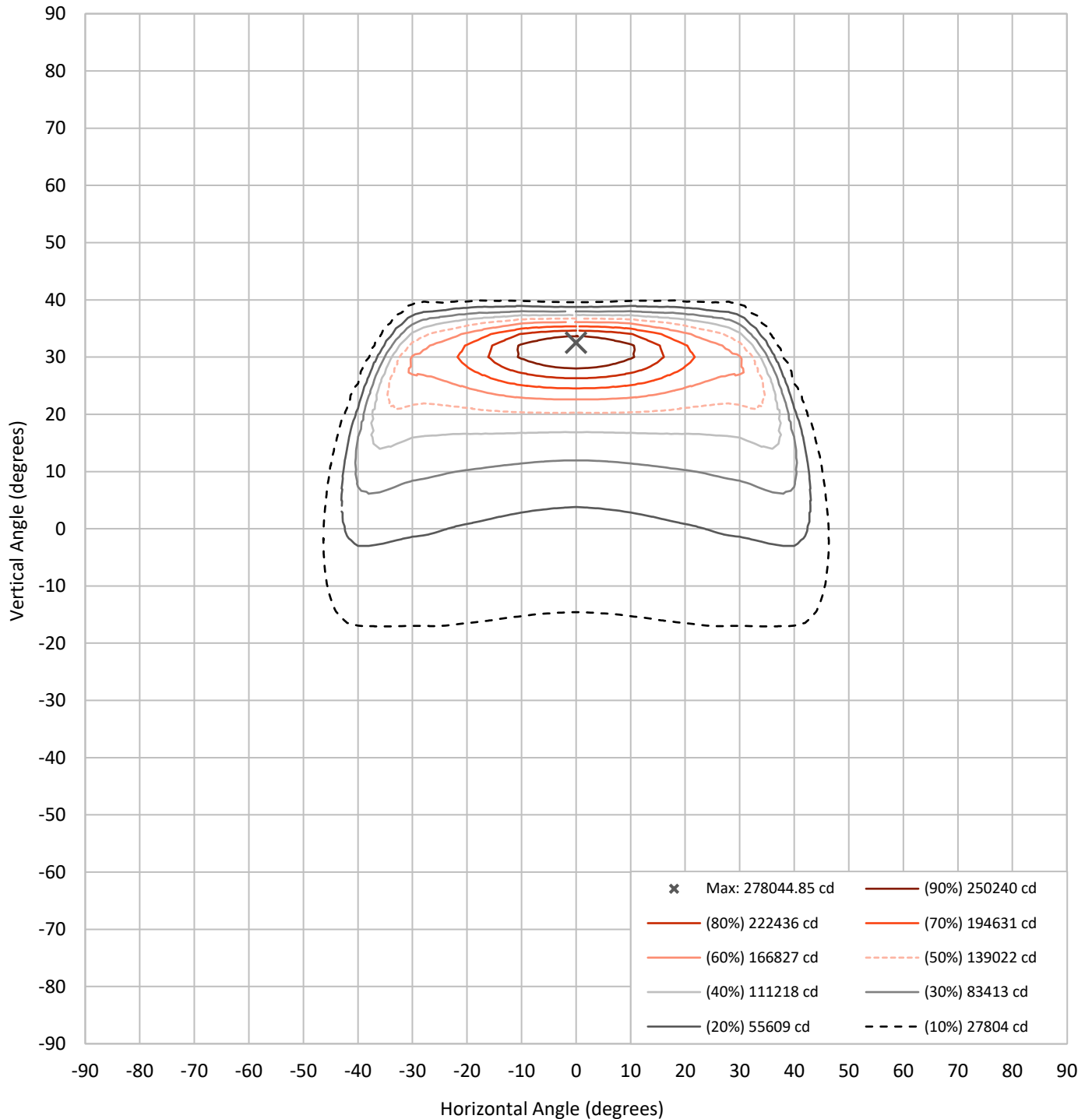
Test Method: LM-79-08
Report Number: P902061 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (LVM2047600)
Test Lab: INNOVATION CENTER
Issue Date: 11/13/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-AV-03-1360S-57-85-A35-NB-LTM
Description: ARENAVISION LUMINAIRE
5700K, 85 CRI LEDS AND A35-NB-LTM OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	135174.7 lumens	Max Intensity:	278044.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 32.5°V
Efficacy:	95.7 lumens/watt		
Luminous Opening:	Rectangular (W 2m x L: 2m x H: 0m)		
Beam Angle (50%):	60.6°H x 16.4°V	Field Angle (10%):	72.9°H x 54.4°V
Beam Lumens:	54225.9 lumens	Field Lumens:	122745.8 lumens
Beam Efficiency:	40.1%	Field Efficiency:	90.8%
Input Watts (W):	1413		
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:	25 FT		

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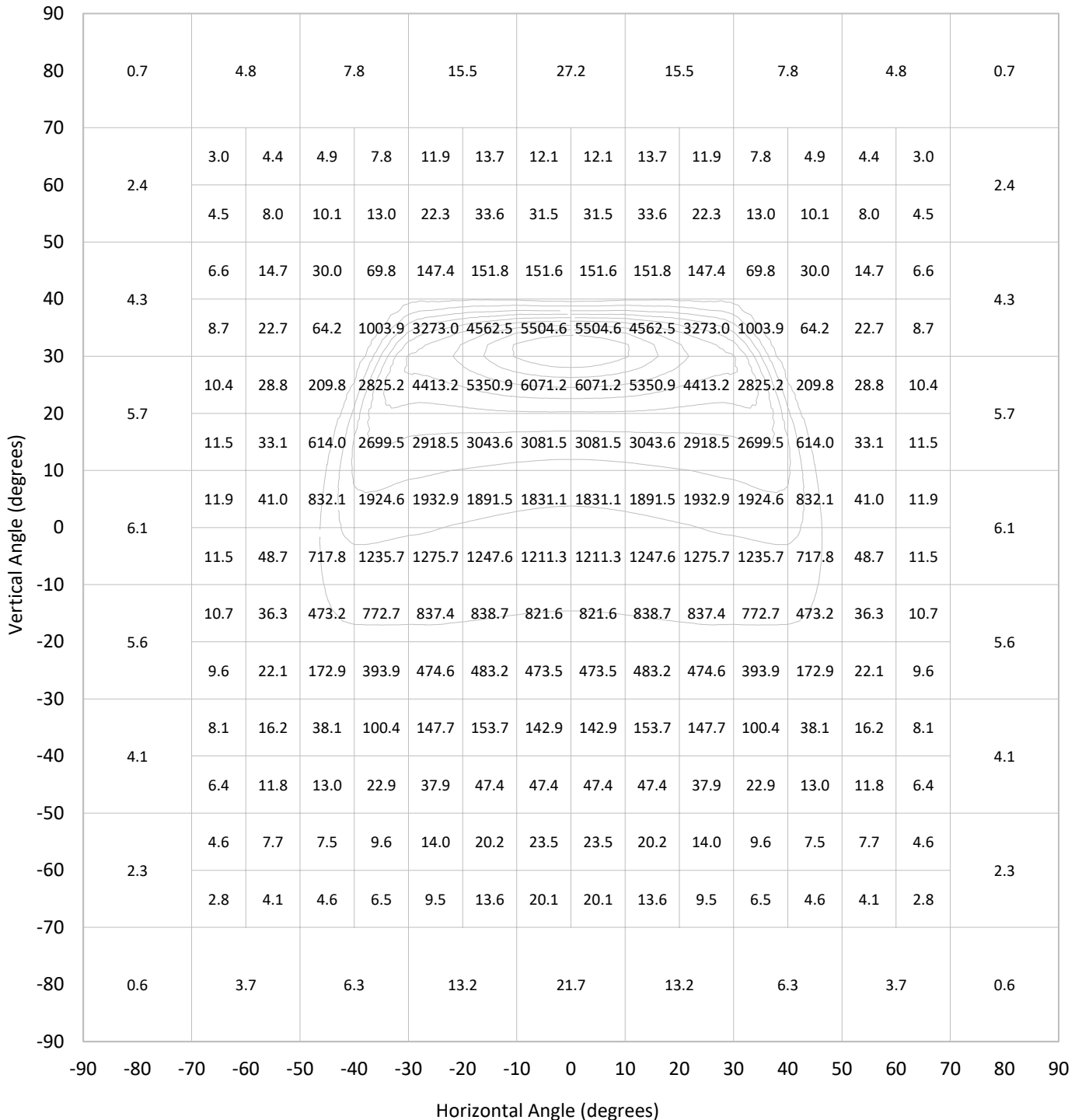
Iso-Candela Plot





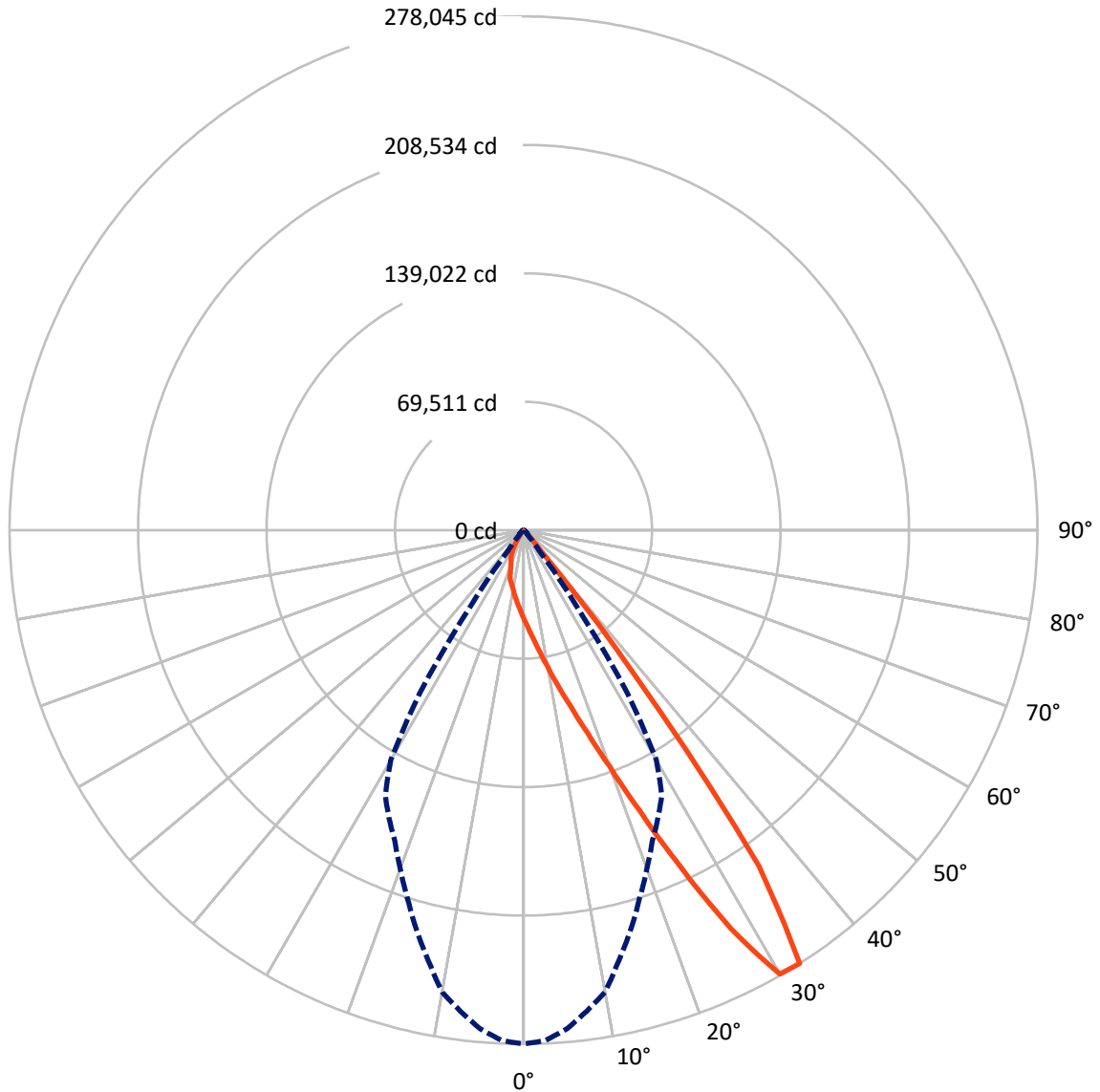
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Lumen Table



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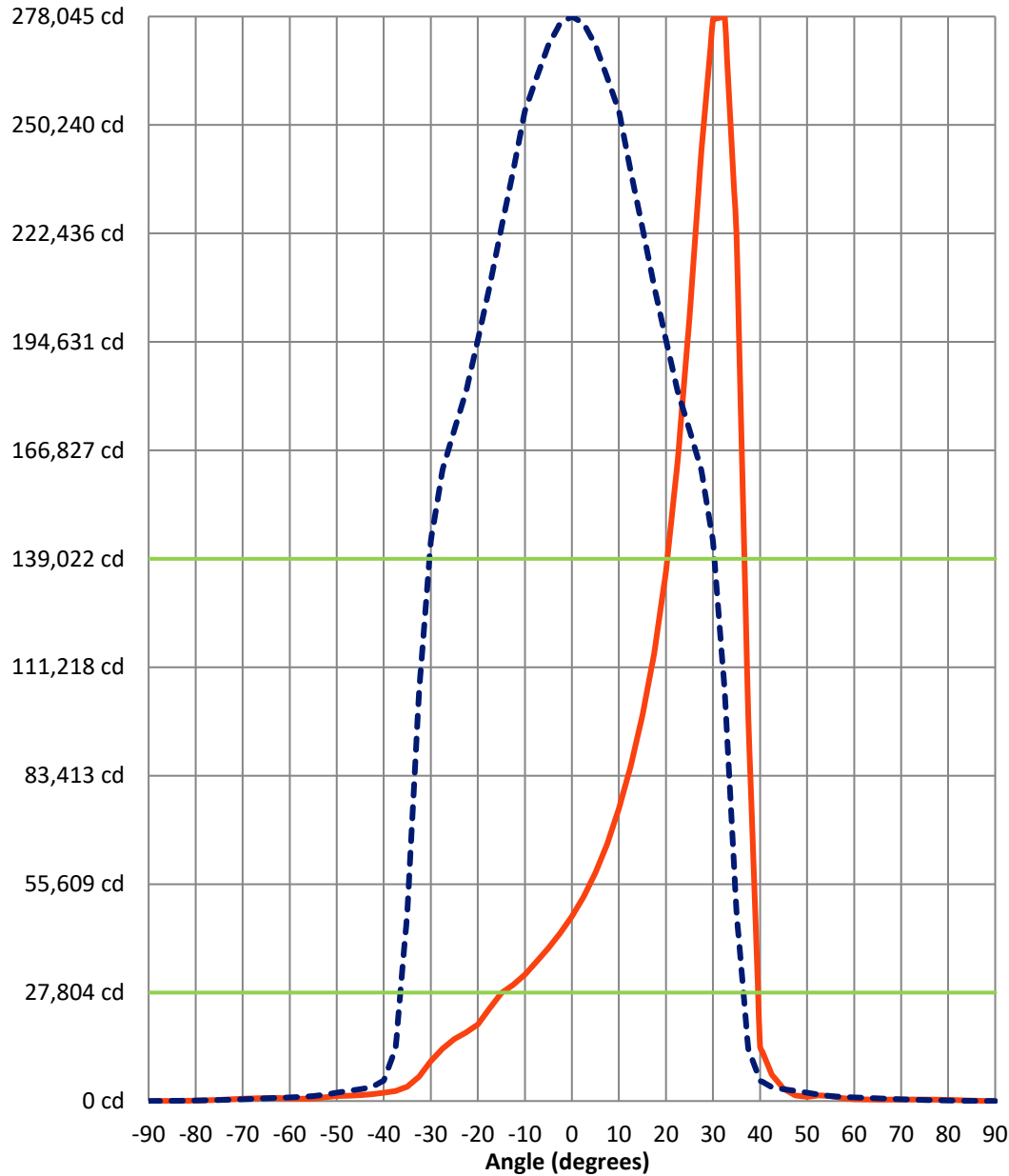
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 32.5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 60.6°
 V Angle: 16.4°
 Lumens: 54225.9
 Efficiency: 40.1%

Field:
 H Angle: 72.9°
 V Angle: 54.4°
 Lumens: 122745.8
 Efficiency: 90.8%

Spill:
 Lumens: 12428.9
 Efficiency: 9.2%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 32.5-Deg



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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.4	2.9	4.3	5.7	7.5	10.4	12.6	15.0	18.2	20.0
85°	0.0	2.9	5.7	8.5	11.4	15.0	20.7	25.2	29.9	36.2	39.9
82.5°	0.0	4.3	8.5	12.8	17.0	22.4	31.0	37.2	43.5	52.5	58.4
80°	0.0	5.7	11.4	17.0	22.6	29.5	39.8	48.0	56.3	68.2	77.9
77.5°	0.0	7.1	14.2	21.2	28.0	35.9	48.4	58.7	70.6	87.6	101.5
75°	0.0	8.5	16.9	25.4	32.8	42.2	56.6	72.0	88.3	107.6	126.2
72.5°	0.0	9.9	19.7	29.1	37.6	48.3	67.3	86.5	105.7	130.7	154.3
70°	0.0	11.3	22.4	32.8	42.4	56.0	78.5	100.7	127.1	155.4	181.3
67.5°	0.0	12.6	25.1	36.4	47.1	65.2	89.4	117.9	148.5	179.0	206.5
65°	0.0	13.9	27.6	39.9	53.1	74.3	101.6	135.1	168.4	201.3	232.0
62.5°	0.0	15.2	29.9	43.4	60.3	83.1	115.3	151.6	186.4	224.3	260.4
60°	0.0	16.5	32.1	46.8	67.2	93.0	128.7	166.1	203.7	250.5	288.6
57.5°	0.0	17.7	34.3	50.3	74.0	104.5	141.7	179.9	226.0	276.2	314.4
55°	0.0	18.9	36.4	55.0	80.5	115.6	153.3	193.1	249.3	299.2	340.4
52.5°	0.0	20.1	38.5	59.5	87.1	126.4	165.0	212.8	272.1	321.6	378.8
50°	0.0	21.2	40.4	63.9	95.2	136.7	176.3	232.8	292.3	347.4	416.5
47.5°	0.0	22.3	42.3	68.1	102.8	145.6	188.1	252.0	312.4	380.1	461.4
45°	0.0	23.3	44.0	72.0	109.8	154.0	204.8	269.9	331.9	411.9	508.6
42.5°	0.0	24.3	45.7	75.7	116.3	161.9	220.7	287.1	358.2	448.2	553.7
40°	0.0	25.3	47.3	79.2	122.3	169.3	235.3	303.5	383.0	486.3	594.0
37.5°	0.0	26.2	48.8	82.4	127.7	176.3	248.1	319.2	406.1	519.3	632.0
35°	0.0	26.9	50.6	86.1	132.2	184.2	258.9	336.0	429.6	548.1	668.5
32.5°	0.0	27.6	52.5	89.8	136.1	192.2	267.9	350.7	452.4	572.5	701.5
30°	0.0	28.3	54.3	93.3	139.4	199.4	275.5	362.3	471.8	591.3	735.8
27.5°	0.0	28.8	56.0	96.4	143.2	205.8	282.4	372.2	487.2	606.2	769.4
25°	0.0	29.4	57.6	99.4	147.0	211.5	288.6	380.3	499.7	625.8	801.0
22.5°	0.0	29.9	59.0	102.0	150.4	217.1	293.9	389.6	509.3	647.8	832.4
20°	0.0	30.3	60.3	104.3	153.5	223.6	299.1	398.7	516.8	666.7	855.8
17.5°	0.0	30.7	61.5	106.6	156.2	229.2	305.8	405.7	521.8	682.5	874.9
15°	0.0	31.1	62.5	108.5	158.7	233.9	312.2	411.8	524.4	695.4	890.2
12.5°	0.0	31.4	63.4	110.2	160.6	237.6	317.3	417.5	526.7	705.3	900.9
10°	0.0	31.6	64.1	111.6	162.0	240.5	321.2	421.3	528.1	714.3	909.2
7.5°	0.0	31.8	64.6	112.6	163.1	242.8	324.7	423.9	527.6	720.2	915.0
5°	0.0	31.9	65.0	113.4	163.7	244.3	327.3	427.6	530.1	724.0	916.9
2.5°	0.0	32.0	65.2	113.8	163.9	245.1	328.9	429.8	532.5	725.9	914.5
0°	0.0	32.0	65.3	114.0	163.8	245.1	329.4	430.5	533.3	724.1	908.3
-2.5°	0.0	32.0	65.2	113.8	163.6	244.7	329.0	432.1	538.4	723.1	900.7
-5°	0.0	31.9	65.0	113.3	163.0	243.5	327.5	432.0	541.8	718.9	890.1
-7.5°	0.0	31.8	64.6	112.6	162.1	241.6	324.9	430.3	543.5	712.6	878.1
-10°	0.0	31.6	64.1	111.5	160.8	238.9	320.8	426.9	544.0	704.5	863.9
-12.5°	0.0	31.4	63.4	110.1	159.1	235.6	315.0	421.4	542.2	694.7	848.4
-15°	0.0	31.1	62.5	108.4	157.1	231.6	307.9	413.6	538.9	685.3	831.5
-17.5°	0.0	30.7	61.5	106.4	155.0	226.8	299.5	403.5	533.9	674.9	811.9
-20°	0.0	30.3	60.3	104.2	152.4	221.2	289.6	390.6	525.4	663.2	791.0



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 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NB-LTM

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	29.9	59.0	101.6	149.5	214.9	280.2	374.8	513.7	650.7	770.2
-25°	0.0	29.4	57.6	98.8	146.1	207.5	271.2	359.3	499.1	638.0	746.7
-27.5°	0.0	28.8	56.0	95.7	142.3	199.4	261.8	346.8	480.1	618.1	723.0
-30°	0.0	28.3	54.3	92.3	138.1	190.8	252.6	332.5	457.2	592.7	696.9
-32.5°	0.0	27.6	52.4	88.6	133.5	181.8	245.0	316.6	432.0	565.3	668.4
-35°	0.0	26.9	50.4	84.7	128.5	172.2	236.7	299.8	405.1	533.8	639.0
-37.5°	0.0	26.2	48.5	80.8	123.1	163.8	227.1	286.6	381.0	501.2	603.9
-40°	0.0	25.3	47.0	77.4	117.2	157.6	215.6	277.1	360.8	468.2	567.2
-42.5°	0.0	24.3	45.3	73.9	111.0	151.0	203.7	266.2	339.4	435.4	531.5
-45°	0.0	23.3	43.6	70.1	104.4	143.9	191.5	254.2	316.8	406.0	495.2
-47.5°	0.0	22.3	41.9	66.3	97.6	136.3	178.5	239.1	300.3	379.5	459.1
-50°	0.0	21.2	40.0	62.2	90.7	128.3	168.6	221.3	281.6	351.9	424.3
-52.5°	0.0	20.1	38.1	58.0	83.4	119.0	158.5	201.9	260.7	324.6	390.6
-55°	0.0	18.9	36.1	53.7	77.3	109.5	147.6	181.8	236.2	297.3	355.1
-57.5°	0.0	17.7	34.1	49.3	71.3	99.4	135.4	167.4	209.7	268.7	321.1
-60°	0.0	16.5	32.0	46.0	65.1	88.8	121.8	152.7	183.8	237.9	286.4
-62.5°	0.0	15.2	29.8	42.8	58.7	79.4	107.6	137.5	167.0	205.7	250.4
-65°	0.0	13.9	27.6	39.5	52.2	71.1	93.1	120.2	149.2	181.0	211.8
-67.5°	0.0	12.6	25.2	36.1	46.5	62.4	80.3	102.3	129.4	158.0	181.0
-70°	0.0	11.3	22.5	32.7	42.0	53.5	69.1	84.8	108.0	133.4	154.1
-72.5°	0.0	9.9	19.8	29.2	37.4	46.1	57.8	71.3	86.8	107.4	125.9
-75°	0.0	8.5	17.1	25.6	32.8	40.2	47.3	57.7	71.0	83.7	97.2
-77.5°	0.0	7.1	14.3	21.4	28.1	34.1	40.1	45.9	54.8	65.1	74.7
-80°	0.0	5.7	11.4	17.1	22.8	28.0	32.8	37.5	43.4	48.0	54.5
-82.5°	0.0	4.3	8.6	12.9	17.1	21.2	25.4	29.0	34.0	37.4	41.0
-85°	0.0	2.9	5.7	8.6	11.4	14.2	16.9	19.7	23.7	26.6	29.1
-87.5°	0.0	1.4	2.9	4.3	5.7	7.1	8.5	9.8	11.9	13.3	14.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	21.9	20.0	17.6	15.8	13.4	8.3	8.6	10.4	10.9	11.1	11.5
85°	43.3	39.7	34.6	30.2	25.9	14.7	14.8	17.0	17.6	19.4	19.9
82.5°	63.3	58.7	51.4	45.4	40.5	27.5	28.5	32.7	35.4	39.1	41.9
80°	85.8	83.2	75.6	66.7	59.5	49.8	52.5	59.6	65.5	70.9	77.3
77.5°	110.6	110.4	104.2	94.3	85.0	80.4	83.2	89.9	96.2	101.9	108.7
75°	139.7	142.9	137.1	123.7	109.8	106.8	111.7	116.9	122.6	128.1	137.2
72.5°	170.3	174.9	169.5	153.6	136.7	131.9	137.0	141.4	146.7	152.1	162.3
70°	200.2	206.4	203.7	187.5	167.3	156.2	161.4	165.4	170.9	177.1	187.6
67.5°	230.8	239.6	239.9	222.3	198.2	180.3	187.3	193.2	197.7	204.0	212.4
65°	262.6	273.0	275.5	257.7	233.5	210.3	215.4	224.0	228.0	232.2	236.9
62.5°	292.4	303.8	310.6	300.5	275.2	248.8	245.6	254.3	258.0	268.5	272.6
60°	318.7	338.9	352.2	349.4	324.7	290.2	274.9	299.6	320.7	320.1	312.3
57.5°	350.1	381.0	401.3	405.3	378.7	340.2	333.8	362.0	380.1	379.7	364.4
55°	390.6	431.7	456.5	461.9	449.8	433.8	404.7	409.4	474.8	485.3	449.9
52.5°	436.8	488.2	512.8	531.2	551.7	525.2	494.4	535.3	627.9	660.2	575.6
50°	491.0	544.6	577.6	625.7	646.3	644.4	660.0	720.1	832.7	849.4	764.6
47.5°	546.2	603.1	664.5	713.9	753.1	818.7	923.3	994.2	1047.3	1097.0	1136.2
45°	600.0	669.6	742.3	798.9	895.2	1067.1	1257.0	1331.1	1365.8	1537.6	1747.9
42.5°	649.1	732.3	811.3	909.1	1062.1	1332.9	1649.2	1778.3	1887.3	2141.3	2427.7
40°	695.6	789.5	878.8	1000.2	1217.6	1601.2	2052.8	2287.5	2434.4	2746.6	3118.0
37.5°	740.6	839.3	943.1	1097.0	1389.3	1821.2	2335.8	2663.4	2873.2	3155.1	4310.8
35°	783.2	886.5	1001.3	1171.9	1516.2	2007.3	2491.9	2877.4	3142.0	3827.3	7714.4
32.5°	824.6	935.3	1064.9	1272.2	1644.7	2146.0	2617.3	3034.9	3565.0	5291.2	13419.0
30°	866.8	985.4	1120.3	1351.1	1756.9	2264.2	2731.6	3240.6	4334.7	9308.8	31397.2
27.5°	912.5	1037.4	1191.5	1445.1	1860.6	2372.7	2888.3	3802.4	6825.8	18377.5	55044.5
25°	957.5	1091.1	1259.5	1532.7	1956.5	2487.6	3063.8	4423.3	9624.8	27844.8	80253.0
22.5°	992.7	1138.3	1313.8	1594.3	2027.4	2616.5	3507.9	6567.5	17136.0	47164.4	100316.4
20°	1025.4	1169.2	1361.5	1644.7	2078.9	2724.7	4010.4	8826.8	23733.2	61660.8	114406.3
17.5°	1045.3	1199.0	1396.4	1668.4	2088.5	2818.0	4736.4	12776.3	34837.2	76697.8	114713.8
15°	1060.3	1221.3	1421.0	1678.6	2088.5	3121.9	6583.1	17673.7	44426.3	87510.5	114230.5
12.5°	1072.6	1237.8	1438.3	1690.1	2169.2	3599.9	8384.5	21918.3	51880.1	90140.5	105725.0
10°	1081.8	1248.8	1449.3	1709.4	2264.0	4171.3	10166.0	26282.3	58396.4	88070.7	97346.1
7.5°	1085.2	1253.3	1456.6	1724.4	2385.5	4827.8	12135.3	31216.0	61795.8	84050.8	88832.8
5°	1084.3	1251.7	1458.4	1736.0	2522.2	5538.9	14684.9	34811.8	62406.7	78352.3	80125.6
2.5°	1075.4	1240.9	1452.8	1744.0	2681.7	6267.7	16699.9	37051.8	60633.6	71542.2	71790.1
0°	1062.3	1224.1	1440.1	1749.1	2867.9	7002.9	18220.8	37841.2	56812.7	64103.4	63971.4
-2.5°	1046.4	1201.5	1419.2	1755.1	3075.8	7733.5	19266.9	37316.7	51891.6	56848.7	56825.9
-5°	1028.0	1176.2	1391.4	1740.5	3171.9	8220.9	19616.2	35749.0	46833.4	50172.1	50235.2
-7.5°	1011.2	1150.9	1356.4	1701.1	3122.0	8348.0	19334.8	33589.1	42034.6	44262.6	44290.4
-10°	992.3	1124.2	1315.3	1632.6	2906.1	7991.6	18760.5	31293.8	37796.8	39247.1	39125.2
-12.5°	973.0	1096.5	1273.2	1537.8	2501.7	7040.2	17230.4	28653.3	34422.6	35462.5	35291.6
-15°	951.4	1065.5	1224.3	1465.5	1959.4	5408.3	14494.5	24964.9	30363.1	31805.1	31791.9
-17.5°	926.9	1032.4	1172.3	1389.3	1786.9	3758.5	10824.9	20358.5	25493.3	26611.8	26895.5
-20°	900.6	997.0	1117.8	1310.7	1632.2	2969.7	7804.4	15498.6	20688.9	21774.8	22205.8



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 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NB-LTM

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	872.5	963.7	1071.5	1229.4	1487.2	2209.9	5141.2	10825.2	15903.6	18019.6	18622.5
-25°	844.2	932.5	1032.0	1169.0	1377.9	1736.7	3142.6	6863.1	11535.7	14482.6	15535.0
-27.5°	814.2	898.6	987.4	1101.9	1275.7	1557.7	2329.7	4302.5	7259.6	9944.2	11603.2
-30°	782.5	861.6	941.2	1029.2	1166.4	1377.5	1718.9	2587.4	4213.2	6140.8	7654.6
-32.5°	749.6	824.1	893.8	969.1	1074.8	1240.9	1504.5	1955.7	2715.3	3646.1	4515.7
-35°	715.6	784.3	846.5	909.2	979.1	1101.0	1294.4	1518.3	1922.0	2483.5	2990.1
-37.5°	680.5	744.9	804.1	857.6	909.3	978.0	1068.2	1120.1	1335.9	1743.3	2118.0
-40°	644.9	706.7	762.4	805.2	828.7	851.9	875.0	842.5	897.6	1149.8	1516.0
-42.5°	609.1	668.9	718.2	752.4	760.3	751.0	711.3	657.6	659.3	770.0	986.3
-45°	570.0	631.0	674.1	692.0	688.2	658.3	598.2	539.7	524.0	581.3	641.5
-47.5°	530.7	590.1	628.7	634.3	621.5	570.3	507.6	465.2	466.1	488.1	511.9
-50°	490.6	545.0	575.6	575.7	553.6	493.5	431.1	400.9	415.9	432.4	442.5
-52.5°	450.0	500.1	520.4	518.8	484.0	427.3	379.6	364.9	376.9	386.4	397.6
-55°	408.7	451.8	466.4	462.8	419.8	367.7	334.1	336.0	345.3	354.2	365.6
-57.5°	367.4	401.5	413.4	402.7	360.8	317.5	296.3	310.0	317.4	326.1	338.4
-60°	326.2	352.6	362.7	344.9	306.1	273.4	269.5	283.1	289.9	297.5	309.6
-62.5°	284.4	304.7	313.4	290.7	254.6	230.0	236.5	250.8	260.0	266.9	277.1
-65°	240.3	257.0	265.1	240.6	208.4	188.3	200.8	214.5	224.5	233.5	242.6
-67.5°	195.4	210.0	214.5	195.8	170.0	156.0	168.2	178.8	188.0	198.2	209.0
-70°	164.6	166.2	167.1	154.4	137.4	131.8	140.5	147.8	155.5	164.1	173.8
-72.5°	137.2	138.4	131.4	116.6	106.8	107.6	116.1	122.0	127.2	134.3	142.2
-75°	108.1	110.2	104.6	92.8	83.4	84.3	89.2	94.8	99.7	106.8	113.7
-77.5°	81.3	81.4	77.7	69.3	63.4	65.9	70.3	73.1	75.3	80.1	83.0
-80°	60.5	59.4	55.1	47.4	42.9	45.9	50.0	52.4	54.6	59.2	61.3
-82.5°	43.3	40.8	36.6	31.2	28.7	30.5	32.6	33.0	34.5	36.7	38.1
-85°	29.8	28.3	24.9	20.3	18.7	19.4	20.2	19.3	20.2	20.7	21.6
-87.5°	15.1	14.6	12.7	10.5	10.1	10.7	11.2	10.3	10.7	11.1	11.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.8	13.7	14.0	15.8	17.7	21.3	21.6	27.0	30.9	38.2	45.7
85°	20.6	23.6	25.3	31.2	35.8	42.1	45.0	54.6	64.3	77.8	93.0
82.5°	46.8	53.9	56.3	63.8	71.6	81.1	87.1	101.2	117.4	137.2	160.6
80°	87.8	99.5	100.2	106.1	115.9	127.6	135.1	152.4	174.1	201.2	232.3
77.5°	123.3	143.1	144.0	145.0	152.7	163.5	168.7	181.4	199.6	219.9	244.4
75°	160.1	191.9	193.0	181.1	183.9	193.4	196.4	205.0	219.0	234.1	252.0
72.5°	192.1	238.0	247.8	229.0	224.2	228.4	235.1	240.7	244.4	251.7	263.6
70°	224.5	288.1	314.1	296.7	282.6	270.2	278.9	284.0	274.2	270.4	275.6
67.5°	252.6	339.4	382.7	366.0	349.2	316.6	324.5	340.1	316.1	299.4	297.7
65°	274.1	389.8	457.0	455.3	454.6	370.4	343.9	359.1	321.5	314.4	324.7
62.5°	305.2	432.4	527.1	546.5	560.2	451.9	474.3	627.5	632.8	591.7	527.4
60°	330.7	442.9	554.0	594.9	619.5	573.6	736.7	1122.5	1104.3	974.1	772.5
57.5°	363.5	433.0	515.3	589.9	659.7	660.8	896.0	1326.4	1356.3	1244.0	999.9
55°	428.7	460.6	473.5	591.9	725.8	818.7	1051.0	1195.9	1175.7	1266.3	1221.6
52.5°	523.6	595.7	631.0	793.9	936.0	1095.0	1228.1	1148.7	1142.3	1093.6	1093.9
50°	767.1	1013.5	1147.1	1209.0	1246.9	1235.8	1232.5	1110.2	1090.1	979.1	937.3
47.5°	1342.6	1688.6	1860.5	1795.8	1687.5	1495.2	1297.8	1076.8	1012.6	974.4	1015.0
45°	2041.8	2582.6	3089.2	3453.6	2820.5	2126.2	1605.4	1582.0	1615.3	1696.3	2007.6
42.5°	2967.9	4395.7	6914.5	8584.9	5598.8	5074.4	4112.9	5512.8	5796.7	5863.4	6556.3
40°	4795.3	9366.2	18120.9	24024.4	17096.1	21864.8	20790.2	26095.9	22891.3	23478.6	22664.6
37.5°	9959.5	22812.6	48310.4	64185.1	65702.7	77058.4	83012.3	88971.6	88159.4	93374.6	99433.0
35°	21585.6	58267.8	98142.1	121118.4	135455.3	144345.2	157065.5	167432.4	181523.6	191133.7	204839.9
32.5°	48491.2	104750.2	143483.7	161853.4	172060.8	181910.9	195119.5	208826.8	223839.9	238371.9	253810.7
30°	85695.8	140586.9	168528.6	177165.5	182198.0	191235.1	202485.7	215236.9	228201.5	242022.5	253226.5
27.5°	116735.3	160040.0	171025.1	171398.2	175010.9	182114.2	190411.4	200115.0	209711.9	219735.3	227322.0
25°	139766.2	158658.7	158190.1	156910.5	159690.1	164409.4	169524.0	175681.6	182153.8	187992.7	192704.4
22.5°	138983.8	146967.0	143702.3	141954.9	143828.1	146183.6	148919.0	152578.3	156053.4	158949.3	161252.5
20°	135513.6	134629.8	130006.7	128291.5	129430.7	129831.9	131010.2	132434.7	133891.3	134943.1	135332.7
17.5°	125371.2	122209.0	117783.3	116537.4	116408.2	115630.6	115723.4	115905.4	116001.3	115824.3	115454.6
15°	115742.4	111156.1	107276.0	105893.5	105003.6	103599.5	102976.4	102458.8	101792.0	101051.2	100127.3
12.5°	105366.0	100935.8	97499.0	96251.3	94831.8	93037.3	92058.4	91073.6	90057.8	88887.3	87898.3
10°	95627.2	91447.4	88662.4	87349.1	85568.0	83688.8	82419.1	81201.3	79901.5	78664.0	77492.3
7.5°	86392.8	82828.4	80498.3	79194.7	77193.3	75181.4	73851.1	72561.3	71212.8	69903.0	68660.4
5°	77784.1	74766.0	72786.4	71681.0	69630.0	67614.6	66235.9	64921.5	63615.5	62315.6	61131.5
2.5°	69840.9	67321.2	65614.3	64774.8	62821.5	60882.6	59577.4	58307.3	57007.5	55750.1	54643.5
0°	62364.1	60429.1	58962.9	58281.6	56599.2	54826.7	53602.1	52476.3	51315.5	50175.9	49168.6
-2.5°	55553.5	54089.8	52973.2	52394.2	51042.3	49509.0	48378.1	47376.1	46364.6	45399.9	44544.3
-5°	49257.8	48209.8	47519.6	47184.7	46142.9	44856.3	43843.0	42967.1	42094.3	41301.4	40588.9
-7.5°	43711.3	42991.2	42499.9	42359.3	41654.6	40611.4	39837.0	39036.4	38279.9	37552.9	36983.7
-10°	38832.4	38285.9	37931.8	37877.8	37391.2	36555.3	35979.2	35322.5	34630.3	34018.2	33516.5
-12.5°	35002.4	34695.9	34382.9	34380.2	34099.6	33245.6	32747.0	32165.2	31618.0	31082.4	30596.3
-15°	31709.9	31578.9	31415.7	31509.3	31440.1	30820.7	30326.1	29800.7	29280.4	28841.8	28572.5
-17.5°	26930.2	26863.9	26732.4	26793.4	27016.3	26498.7	26111.2	25711.6	25261.5	24811.9	24438.1
-20°	22550.6	22659.3	22593.8	22602.7	22745.7	22401.3	21948.4	21611.0	21258.9	20818.5	20433.1



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	19173.8	19705.3	19879.8	19886.8	20019.4	19835.9	19418.1	19116.4	18774.7	18397.5	18061.2
-25°	16139.6	16984.7	17486.0	17612.8	17769.3	17726.0	17414.0	17173.4	16880.5	16652.7	16352.5
-27.5°	12566.8	13364.9	14133.2	14614.8	14778.4	14841.2	14634.1	14436.4	14182.8	14006.3	13744.1
-30°	8674.8	9460.7	10158.7	10692.3	11022.2	11208.1	11137.4	10922.1	10619.7	10404.0	10191.5
-32.5°	5337.7	6027.1	6595.1	6984.5	7259.5	7600.1	7655.0	7383.4	7066.9	6766.8	6492.9
-35°	3368.5	3780.9	4146.1	4380.8	4501.3	4855.6	4897.5	4711.7	4394.4	4195.7	3929.1
-37.5°	2389.4	2552.6	2778.1	2926.6	2977.3	3212.4	3256.5	3143.8	2925.1	2811.2	2703.0
-40°	1773.8	1919.2	2004.2	2109.9	2221.3	2381.2	2455.7	2407.9	2286.2	2200.7	2121.5
-42.5°	1250.6	1433.4	1514.7	1585.8	1653.5	1813.6	1913.2	1919.4	1890.9	1848.1	1784.9
-45°	799.7	957.9	1108.7	1218.5	1323.0	1429.9	1502.2	1536.5	1531.9	1501.5	1473.7
-47.5°	547.3	629.1	708.7	850.0	1012.7	1162.8	1300.1	1379.5	1354.0	1341.0	1331.3
-50°	454.9	477.5	495.9	567.0	651.0	799.3	995.4	1139.2	1159.3	1162.6	1191.8
-52.5°	407.0	420.7	433.4	459.5	497.4	574.8	696.0	797.9	796.8	786.1	826.1
-55°	380.6	394.2	410.8	438.6	476.5	519.3	573.8	629.5	615.9	559.3	572.4
-57.5°	356.6	374.3	399.8	431.0	459.4	483.9	513.6	548.0	552.3	534.9	554.8
-60°	327.0	348.5	376.7	404.6	427.1	444.9	469.4	503.9	527.8	541.9	586.9
-62.5°	293.7	316.2	342.3	365.4	387.1	404.8	432.0	469.8	508.7	549.1	616.0
-65°	259.0	281.4	303.1	321.7	345.2	363.9	391.2	425.5	464.8	514.2	586.5
-67.5°	224.6	243.9	261.0	278.8	301.7	321.2	345.9	374.5	410.6	458.8	524.9
-70°	186.8	202.4	217.9	235.2	254.0	271.9	294.0	319.5	353.2	398.2	455.9
-72.5°	151.5	162.7	175.7	190.4	204.5	217.5	235.4	256.9	283.1	317.6	357.0
-75°	120.6	129.2	138.7	149.0	159.1	167.3	179.7	196.9	215.2	239.6	261.3
-77.5°	88.4	96.6	102.9	109.1	115.6	122.0	129.5	144.9	157.2	173.7	187.2
-80°	65.5	70.5	73.5	75.2	78.1	81.4	83.5	96.1	100.7	110.4	115.6
-82.5°	40.7	43.7	46.0	46.4	49.9	51.9	53.5	62.5	66.6	72.3	75.6
-85°	22.4	23.3	24.3	23.8	26.1	26.9	27.6	31.8	35.9	36.8	39.0
-87.5°	11.8	12.1	12.4	12.7	12.9	13.1	13.3	15.1	17.2	17.2	19.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	49.5	51.3	53.3	55.0	53.3	51.3	49.5	45.7	38.2	30.9	27.0
85°	101.4	106.4	112.5	114.6	112.5	106.4	101.4	93.0	77.8	64.3	54.6
82.5°	176.7	192.2	205.8	207.9	205.8	192.2	176.7	160.6	137.2	117.4	101.2
80°	256.5	283.6	305.1	305.8	305.1	283.6	256.5	232.3	201.2	174.1	152.4
77.5°	274.0	321.8	351.7	348.6	351.7	321.8	274.0	244.4	219.9	199.6	181.4
75°	286.5	352.5	391.8	384.7	391.8	352.5	286.5	252.0	234.1	219.0	205.0
72.5°	295.1	357.3	396.5	390.7	396.5	357.3	295.1	263.6	251.7	244.4	240.7
70°	301.5	356.8	394.7	391.4	394.7	356.8	301.5	275.6	270.4	274.2	284.0
67.5°	313.4	342.9	366.1	372.4	366.1	342.9	313.4	297.7	299.4	316.1	340.1
65°	336.8	346.0	355.1	363.3	355.1	346.0	336.8	324.7	314.4	321.5	359.1
62.5°	474.4	455.2	432.6	411.8	432.6	455.2	474.4	527.4	591.7	632.8	627.5
60°	601.4	536.1	488.2	458.5	488.2	536.1	601.4	772.5	974.1	1104.3	1122.5
57.5°	840.1	774.7	774.1	755.9	774.1	774.7	840.1	999.9	1244.0	1356.3	1326.4
55°	1194.5	1216.3	1290.9	1276.4	1290.9	1216.3	1194.5	1221.6	1266.3	1175.7	1195.9
52.5°	1127.3	1301.0	1445.0	1448.7	1445.0	1301.0	1127.3	1093.9	1093.6	1142.3	1148.7
50°	1025.3	1103.3	1103.9	1086.3	1103.9	1103.3	1025.3	937.3	979.1	1090.1	1110.2
47.5°	1187.3	1397.4	1470.9	1443.4	1470.9	1397.4	1187.3	1015.0	974.4	1012.6	1076.8
45°	2551.9	2961.4	3151.3	3163.5	3151.3	2961.4	2551.9	2007.6	1696.3	1615.3	1582.0
42.5°	6747.1	6819.9	6815.7	6793.8	6815.7	6819.9	6747.1	6556.3	5863.4	5796.7	5512.8
40°	19568.8	16191.7	14563.9	14070.8	14563.9	16191.7	19568.8	22664.6	23478.6	22891.3	26095.9
37.5°	98616.3	97416.6	98650.0	98591.5	98650.0	97416.6	98616.3	99433.0	93374.6	88159.4	88971.6
35°	213261.7	217717.2	221099.3	222039.1	221099.3	217717.2	213261.7	204839.9	191133.7	181523.6	167432.4
32.5°	262441.9	270702.4	276280.7	278044.9	276280.7	270702.4	262441.9	253810.7	238371.9	223839.9	208826.8
30°	262274.1	270446.9	275707.6	277321.3	275707.6	270446.9	262274.1	253226.5	242022.5	228201.5	215236.9
27.5°	233939.6	239604.2	242122.5	243068.0	242122.5	239604.2	233939.6	227322.0	219735.3	209711.9	200115.0
25°	196063.1	198833.4	200234.3	200823.6	200234.3	198833.4	196063.1	192704.4	187992.7	182153.8	175681.6
22.5°	162814.3	163847.9	164097.6	164272.2	164097.6	163847.9	162814.3	161252.5	158949.3	156053.4	152578.3
20°	135924.0	136184.5	136008.3	135775.5	136008.3	136184.5	135924.0	135332.7	134943.1	133891.3	132434.7
17.5°	115400.5	114858.5	114590.4	114789.8	114590.4	114858.5	115400.5	115454.6	115824.3	116001.3	115905.4
15°	99671.3	99092.9	98697.4	98890.3	98697.4	99092.9	99671.3	100127.3	101051.2	101792.0	102458.8
12.5°	87099.3	86339.6	85851.7	85848.1	85851.7	86339.6	87099.3	87898.3	88887.3	90057.8	91073.6
10°	76533.6	75756.9	75187.7	75018.7	75187.7	75756.9	76533.6	77492.3	78664.0	79901.5	81201.3
7.5°	67606.2	66814.3	66128.2	65886.6	66128.2	66814.3	67606.2	68660.4	69903.0	71212.8	72561.3
5°	60134.9	59355.2	58858.7	58528.1	58858.7	59355.2	60134.9	61131.5	62315.6	63615.5	64921.5
2.5°	53714.7	53067.0	52651.0	52391.4	52651.0	53067.0	53714.7	54643.5	55750.1	57007.5	58307.3
0°	48405.7	47788.8	47408.8	47345.8	47408.8	47788.8	48405.7	49168.6	50175.9	51315.5	52476.3
-2.5°	43854.8	43404.0	43125.4	43044.7	43125.4	43404.0	43854.8	44544.3	45399.9	46364.6	47376.1
-5°	40036.7	39626.8	39304.8	39211.3	39304.8	39626.8	40036.7	40588.9	41301.4	42094.3	42967.1
-7.5°	36489.1	36110.3	35883.1	35765.3	35883.1	36110.3	36489.1	36983.7	37552.9	38279.9	39036.4
-10°	33096.1	32754.1	32537.1	32405.7	32537.1	32754.1	33096.1	33516.5	34018.2	34630.3	35322.5
-12.5°	30261.9	29980.2	29864.5	29794.1	29864.5	29980.2	30261.9	30596.3	31082.4	31618.0	32165.2
-15°	28056.3	27968.1	27699.0	27677.5	27699.0	27968.1	28056.3	28572.5	28841.8	29280.4	29800.7
-17.5°	24171.3	23987.4	23742.0	23750.2	23742.0	23987.4	24171.3	24438.1	24811.9	25261.5	25711.6
-20°	20200.5	19945.6	19750.3	19640.9	19750.3	19945.6	20200.5	20433.1	20818.5	21258.9	21611.0



REPORT NUMBER: P902061 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NB-LTM

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	17842.7	17699.0	17589.5	17584.1	17589.5	17699.0	17842.7	18061.2	18397.5	18774.7	19116.4
-25°	16251.4	16050.8	15943.6	15891.2	15943.6	16050.8	16251.4	16352.5	16652.7	16880.5	17173.4
-27.5°	13643.0	13587.0	13515.4	13433.8	13515.4	13587.0	13643.0	13744.1	14006.3	14182.8	14436.4
-30°	10124.8	10170.8	10201.7	10230.0	10201.7	10170.8	10124.8	10191.5	10404.0	10619.7	10922.1
-32.5°	6415.1	6363.3	6326.4	6248.2	6326.4	6363.3	6415.1	6492.9	6766.8	7066.9	7383.4
-35°	3784.8	3760.8	3733.0	3695.2	3733.0	3760.8	3784.8	3929.1	4195.7	4394.4	4711.7
-37.5°	2589.9	2573.7	2578.8	2575.7	2578.8	2573.7	2589.9	2703.0	2811.2	2925.1	3143.8
-40°	2058.3	2043.0	2049.5	2129.7	2049.5	2043.0	2058.3	2121.5	2200.7	2286.2	2407.9
-42.5°	1743.6	1727.0	1737.0	1758.9	1737.0	1727.0	1743.6	1784.9	1848.1	1890.9	1919.4
-45°	1471.1	1483.9	1480.3	1498.3	1480.3	1483.9	1471.1	1473.7	1501.5	1531.9	1536.5
-47.5°	1355.8	1370.5	1374.4	1362.4	1374.4	1370.5	1355.8	1331.3	1341.0	1354.0	1379.5
-50°	1246.4	1285.1	1301.0	1286.7	1301.0	1285.1	1246.4	1191.8	1162.6	1159.3	1139.2
-52.5°	897.2	951.9	977.7	970.3	977.7	951.9	897.2	826.1	786.1	796.8	797.9
-55°	608.4	632.3	643.2	644.2	643.2	632.3	608.4	572.4	559.3	615.9	629.5
-57.5°	581.7	592.7	598.2	598.8	598.2	592.7	581.7	554.8	534.9	552.3	548.0
-60°	628.8	652.4	666.6	671.0	666.6	652.4	628.8	586.9	541.9	527.8	503.9
-62.5°	685.1	739.0	777.1	790.8	777.1	739.0	685.1	616.0	549.1	508.7	469.8
-65°	658.4	716.4	761.8	778.7	761.8	716.4	658.4	586.5	514.2	464.8	425.5
-67.5°	586.5	637.2	678.3	693.2	678.3	637.2	586.5	524.9	458.8	410.6	374.5
-70°	508.0	551.9	586.8	600.7	586.8	551.9	508.0	455.9	398.2	353.2	319.5
-72.5°	393.2	423.9	444.3	451.5	444.3	423.9	393.2	357.0	317.6	283.1	256.9
-75°	283.2	300.0	307.1	308.2	307.1	300.0	283.2	261.3	239.6	215.2	196.9
-77.5°	198.6	206.1	207.3	205.9	207.3	206.1	198.6	187.2	173.7	157.2	144.9
-80°	116.9	115.9	112.8	111.0	112.8	115.9	116.9	115.6	110.4	100.7	96.1
-82.5°	76.5	75.4	73.9	73.9	73.9	75.4	76.5	75.6	72.3	66.6	62.5
-85°	39.5	37.9	37.9	38.0	37.9	37.9	39.5	39.0	36.8	35.9	31.8
-87.5°	19.1	17.5	17.6	17.6	17.6	17.5	19.1	19.0	17.2	17.2	15.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P902061 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NB-LTM

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	21.6	21.3	17.7	15.8	14.0	13.7	11.8	11.5	11.1	10.9	10.4
85°	45.0	42.1	35.8	31.2	25.3	23.6	20.6	19.9	19.4	17.6	17.0
82.5°	87.1	81.1	71.6	63.8	56.3	53.9	46.8	41.9	39.1	35.4	32.7
80°	135.1	127.6	115.9	106.1	100.2	99.5	87.8	77.3	70.9	65.5	59.6
77.5°	168.7	163.5	152.7	145.0	144.0	143.1	123.3	108.7	101.9	96.2	89.9
75°	196.4	193.4	183.9	181.1	193.0	191.9	160.1	137.2	128.1	122.6	116.9
72.5°	235.1	228.4	224.2	229.0	247.8	238.0	192.1	162.3	152.1	146.7	141.4
70°	278.9	270.2	282.6	296.7	314.1	288.1	224.5	187.6	177.1	170.9	165.4
67.5°	324.5	316.6	349.2	366.0	382.7	339.4	252.6	212.4	204.0	197.7	193.2
65°	343.9	370.4	454.6	455.3	457.0	389.8	274.1	236.9	232.2	228.0	224.0
62.5°	474.3	451.9	560.2	546.5	527.1	432.4	305.2	272.6	268.5	258.0	254.3
60°	736.7	573.6	619.5	594.9	554.0	442.9	330.7	312.3	320.1	320.7	299.6
57.5°	896.0	660.8	659.7	589.9	515.3	433.0	363.5	364.4	379.7	380.1	362.0
55°	1051.0	818.7	725.8	591.9	473.5	460.6	428.7	449.9	485.3	474.8	409.4
52.5°	1228.1	1095.0	936.0	793.9	631.0	595.7	523.6	575.6	660.2	627.9	535.3
50°	1232.5	1235.8	1246.9	1209.0	1147.1	1013.5	767.1	764.6	849.4	832.7	720.1
47.5°	1297.8	1495.2	1687.5	1795.8	1860.5	1688.6	1342.6	1136.2	1097.0	1047.3	994.2
45°	1605.4	2126.2	2820.5	3453.6	3089.2	2582.6	2041.8	1747.9	1537.6	1365.8	1331.1
42.5°	4112.9	5074.4	5598.8	8584.9	6914.5	4395.7	2967.9	2427.7	2141.3	1887.3	1778.3
40°	20790.2	21864.8	17096.1	24024.4	18120.9	9366.2	4795.3	3118.0	2746.6	2434.4	2287.5
37.5°	83012.3	77058.4	65702.7	64185.1	48310.4	22812.6	9959.5	4310.8	3155.1	2873.2	2663.4
35°	157065.5	144345.2	135455.3	121118.4	98142.1	58267.8	21585.6	7714.4	3827.3	3142.0	2877.4
32.5°	195119.5	181910.9	172060.8	161853.4	143483.7	104750.2	48491.2	13419.0	5291.2	3565.0	3034.9
30°	202485.7	191235.1	182198.0	177165.5	168528.6	140586.9	85695.8	31397.2	9308.8	4334.7	3240.6
27.5°	190411.4	182114.2	175010.9	171398.2	171025.1	160040.0	116735.3	55044.5	18377.5	6825.8	3802.4
25°	169524.0	164409.4	159690.1	156910.5	158190.1	158658.7	139766.2	80253.0	27844.8	9624.8	4423.3
22.5°	148919.0	146183.6	143828.1	141954.9	143702.3	146967.0	138983.8	100316.4	47164.4	17136.0	6567.5
20°	131010.2	129831.9	129430.7	128291.5	130006.7	134629.8	135513.6	114406.3	61660.8	23733.2	8826.8
17.5°	115723.4	115630.6	116408.2	116537.4	117783.3	122209.0	125371.2	114713.8	76697.8	34837.2	12776.3
15°	102976.4	103599.5	105003.6	105893.5	107276.0	111156.1	115742.4	114230.5	87510.5	44426.3	17673.7
12.5°	92058.4	93037.3	94831.8	96251.3	97499.0	100935.8	105366.0	105725.0	90140.5	51880.1	21918.3
10°	82419.1	83688.8	85568.0	87349.1	88662.4	91447.4	95627.2	97346.1	88070.7	58396.4	26282.3
7.5°	73851.1	75181.4	77193.3	79194.7	80498.3	82828.4	86392.8	88832.8	84050.8	61795.8	31216.0
5°	66235.9	67614.6	69630.0	71681.0	72786.4	74766.0	77784.1	80125.6	78352.3	62406.7	34811.8
2.5°	59577.4	60882.6	62821.5	64774.8	65614.3	67321.2	69840.9	71790.1	71542.2	60633.6	37051.8
0°	53602.1	54826.7	56599.2	58281.6	58962.9	60429.1	62364.1	63971.4	64103.4	56812.7	37841.2
-2.5°	48378.1	49509.0	51042.3	52394.2	52973.2	54089.8	55553.5	56825.9	56848.7	51891.6	37316.7
-5°	43843.0	44856.3	46142.9	47184.7	47519.6	48209.8	49257.8	50235.2	50172.1	46833.4	35749.0
-7.5°	39837.0	40611.4	41654.6	42359.3	42499.9	42991.2	43711.3	44290.4	44262.6	42034.6	33589.1
-10°	35979.2	36555.3	37391.2	37877.8	37931.8	38285.9	38832.4	39125.2	39247.1	37796.8	31293.8
-12.5°	32747.0	33245.6	34099.6	34380.2	34382.9	34695.9	35002.4	35291.6	35462.5	34422.6	28653.3
-15°	30326.1	30820.7	31440.1	31509.3	31415.7	31578.9	31709.9	31791.9	31805.1	30363.1	24964.9
-17.5°	26111.2	26498.7	27016.3	26793.4	26732.4	26863.9	26930.2	26895.5	26611.8	25493.3	20358.5
-20°	21948.4	22401.3	22745.7	22602.7	22593.8	22659.3	22550.6	22205.8	21774.8	20688.9	15498.6



REPORT NUMBER: P902061 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NB-LTM

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	19418.1	19835.9	20019.4	19886.8	19879.8	19705.3	19173.8	18622.5	18019.6	15903.6	10825.2
-25°	17414.0	17726.0	17769.3	17612.8	17486.0	16984.7	16139.6	15535.0	14482.6	11535.7	6863.1
-27.5°	14634.1	14841.2	14778.4	14614.8	14133.2	13364.9	12566.8	11603.2	9944.2	7259.6	4302.5
-30°	11137.4	11208.1	11022.2	10692.3	10158.7	9460.7	8674.8	7654.6	6140.8	4213.2	2587.4
-32.5°	7655.0	7600.1	7259.5	6984.5	6595.1	6027.1	5337.7	4515.7	3646.1	2715.3	1955.7
-35°	4897.5	4855.6	4501.3	4380.8	4146.1	3780.9	3368.5	2990.1	2483.5	1922.0	1518.3
-37.5°	3256.5	3212.4	2977.3	2926.6	2778.1	2552.6	2389.4	2118.0	1743.3	1335.9	1120.1
-40°	2455.7	2381.2	2221.3	2109.9	2004.2	1919.2	1773.8	1516.0	1149.8	897.6	842.5
-42.5°	1913.2	1813.6	1653.5	1585.8	1514.7	1433.4	1250.6	986.3	770.0	659.3	657.6
-45°	1502.2	1429.9	1323.0	1218.5	1108.7	957.9	799.7	641.5	581.3	524.0	539.7
-47.5°	1300.1	1162.8	1012.7	850.0	708.7	629.1	547.3	511.9	488.1	466.1	465.2
-50°	995.4	799.3	651.0	567.0	495.9	477.5	454.9	442.5	432.4	415.9	400.9
-52.5°	696.0	574.8	497.4	459.5	433.4	420.7	407.0	397.6	386.4	376.9	364.9
-55°	573.8	519.3	476.5	438.6	410.8	394.2	380.6	365.6	354.2	345.3	336.0
-57.5°	513.6	483.9	459.4	431.0	399.8	374.3	356.6	338.4	326.1	317.4	310.0
-60°	469.4	444.9	427.1	404.6	376.7	348.5	327.0	309.6	297.5	289.9	283.1
-62.5°	432.0	404.8	387.1	365.4	342.3	316.2	293.7	277.1	266.9	260.0	250.8
-65°	391.2	363.9	345.2	321.7	303.1	281.4	259.0	242.6	233.5	224.5	214.5
-67.5°	345.9	321.2	301.7	278.8	261.0	243.9	224.6	209.0	198.2	188.0	178.8
-70°	294.0	271.9	254.0	235.2	217.9	202.4	186.8	173.8	164.1	155.5	147.8
-72.5°	235.4	217.5	204.5	190.4	175.7	162.7	151.5	142.2	134.3	127.2	122.0
-75°	179.7	167.3	159.1	149.0	138.7	129.2	120.6	113.7	106.8	99.7	94.8
-77.5°	129.5	122.0	115.6	109.1	102.9	96.6	88.4	83.0	80.1	75.3	73.1
-80°	83.5	81.4	78.1	75.2	73.5	70.5	65.5	61.3	59.2	54.6	52.4
-82.5°	53.5	51.9	49.9	46.4	46.0	43.7	40.7	38.1	36.7	34.5	33.0
-85°	27.6	26.9	26.1	23.8	24.3	23.3	22.4	21.6	20.7	20.2	19.3
-87.5°	13.3	13.1	12.9	12.7	12.4	12.1	11.8	11.5	11.1	10.7	10.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P902061 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NB-LTM

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.6	8.3	13.4	15.8	17.6	20.0	21.9	20.0	18.2	15.0	12.6
85°	14.8	14.7	25.9	30.2	34.6	39.7	43.3	39.9	36.2	29.9	25.2
82.5°	28.5	27.5	40.5	45.4	51.4	58.7	63.3	58.4	52.5	43.5	37.2
80°	52.5	49.8	59.5	66.7	75.6	83.2	85.8	77.9	68.2	56.3	48.0
77.5°	83.2	80.4	85.0	94.3	104.2	110.4	110.6	101.5	87.6	70.6	58.7
75°	111.7	106.8	109.8	123.7	137.1	142.9	139.7	126.2	107.6	88.3	72.0
72.5°	137.0	131.9	136.7	153.6	169.5	174.9	170.3	154.3	130.7	105.7	86.5
70°	161.4	156.2	167.3	187.5	203.7	206.4	200.2	181.3	155.4	127.1	100.7
67.5°	187.3	180.3	198.2	222.3	239.9	239.6	230.8	206.5	179.0	148.5	117.9
65°	215.4	210.3	233.5	257.7	275.5	273.0	262.6	232.0	201.3	168.4	135.1
62.5°	245.6	248.8	275.2	300.5	310.6	303.8	292.4	260.4	224.3	186.4	151.6
60°	274.9	290.2	324.7	349.4	352.2	338.9	318.7	288.6	250.5	203.7	166.1
57.5°	333.8	340.2	378.7	405.3	401.3	381.0	350.1	314.4	276.2	226.0	179.9
55°	404.7	433.8	449.8	461.9	456.5	431.7	390.6	340.4	299.2	249.3	193.1
52.5°	494.4	525.2	551.7	531.2	512.8	488.2	436.8	378.8	321.6	272.1	212.8
50°	660.0	644.4	646.3	625.7	577.6	544.6	491.0	416.5	347.4	292.3	232.8
47.5°	923.3	818.7	753.1	713.9	664.5	603.1	546.2	461.4	380.1	312.4	252.0
45°	1257.0	1067.1	895.2	798.9	742.3	669.6	600.0	508.6	411.9	331.9	269.9
42.5°	1649.2	1332.9	1062.1	909.1	811.3	732.3	649.1	553.7	448.2	358.2	287.1
40°	2052.8	1601.2	1217.6	1000.2	878.8	789.5	695.6	594.0	486.3	383.0	303.5
37.5°	2335.8	1821.2	1389.3	1097.0	943.1	839.3	740.6	632.0	519.3	406.1	319.2
35°	2491.9	2007.3	1516.2	1171.9	1001.3	886.5	783.2	668.5	548.1	429.6	336.0
32.5°	2617.3	2146.0	1644.7	1272.2	1064.9	935.3	824.6	701.5	572.5	452.4	350.7
30°	2731.6	2264.2	1756.9	1351.1	1120.3	985.4	866.8	735.8	591.3	471.8	362.3
27.5°	2888.3	2372.7	1860.6	1445.1	1191.5	1037.4	912.5	769.4	606.2	487.2	372.2
25°	3063.8	2487.6	1956.5	1532.7	1259.5	1091.1	957.5	801.0	625.8	499.7	380.3
22.5°	3507.9	2616.5	2027.4	1594.3	1313.8	1138.3	992.7	832.4	647.8	509.3	389.6
20°	4010.4	2724.7	2078.9	1644.7	1361.5	1169.2	1025.4	855.8	666.7	516.8	398.7
17.5°	4736.4	2818.0	2088.5	1668.4	1396.4	1199.0	1045.3	874.9	682.5	521.8	405.7
15°	6583.1	3121.9	2088.5	1678.6	1421.0	1221.3	1060.3	890.2	695.4	524.4	411.8
12.5°	8384.5	3599.9	2169.2	1690.1	1438.3	1237.8	1072.6	900.9	705.3	526.7	417.5
10°	10166.0	4171.3	2264.0	1709.4	1449.3	1248.8	1081.8	909.2	714.3	528.1	421.3
7.5°	12135.3	4827.8	2385.5	1724.4	1456.6	1253.3	1085.2	915.0	720.2	527.6	423.9
5°	14684.9	5538.9	2522.2	1736.0	1458.4	1251.7	1084.3	916.9	724.0	530.1	427.6
2.5°	16699.9	6267.7	2681.7	1744.0	1452.8	1240.9	1075.4	914.5	725.9	532.5	429.8
0°	18220.8	7002.9	2867.9	1749.1	1440.1	1224.1	1062.3	908.3	724.1	533.3	430.5
-2.5°	19266.9	7733.5	3075.8	1755.1	1419.2	1201.5	1046.4	900.7	723.1	538.4	432.1
-5°	19616.2	8220.9	3171.9	1740.5	1391.4	1176.2	1028.0	890.1	718.9	541.8	432.0
-7.5°	19334.8	8348.0	3122.0	1701.1	1356.4	1150.9	1011.2	878.1	712.6	543.5	430.3
-10°	18760.5	7991.6	2906.1	1632.6	1315.3	1124.2	992.3	863.9	704.5	544.0	426.9
-12.5°	17230.4	7040.2	2501.7	1537.8	1273.2	1096.5	973.0	848.4	694.7	542.2	421.4
-15°	14494.5	5408.3	1959.4	1465.5	1224.3	1065.5	951.4	831.5	685.3	538.9	413.6
-17.5°	10824.9	3758.5	1786.9	1389.3	1172.3	1032.4	926.9	811.9	674.9	533.9	403.5
-20°	7804.4	2969.7	1632.2	1310.7	1117.8	997.0	900.6	791.0	663.2	525.4	390.6



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	5141.2	2209.9	1487.2	1229.4	1071.5	963.7	872.5	770.2	650.7	513.7	374.8
-25°	3142.6	1736.7	1377.9	1169.0	1032.0	932.5	844.2	746.7	638.0	499.1	359.3
-27.5°	2329.7	1557.7	1275.7	1101.9	987.4	898.6	814.2	723.0	618.1	480.1	346.8
-30°	1718.9	1377.5	1166.4	1029.2	941.2	861.6	782.5	696.9	592.7	457.2	332.5
-32.5°	1504.5	1240.9	1074.8	969.1	893.8	824.1	749.6	668.4	565.3	432.0	316.6
-35°	1294.4	1101.0	979.1	909.2	846.5	784.3	715.6	639.0	533.8	405.1	299.8
-37.5°	1068.2	978.0	909.3	857.6	804.1	744.9	680.5	603.9	501.2	381.0	286.6
-40°	875.0	851.9	828.7	805.2	762.4	706.7	644.9	567.2	468.2	360.8	277.1
-42.5°	711.3	751.0	760.3	752.4	718.2	668.9	609.1	531.5	435.4	339.4	266.2
-45°	598.2	658.3	688.2	692.0	674.1	631.0	570.0	495.2	406.0	316.8	254.2
-47.5°	507.6	570.3	621.5	634.3	628.7	590.1	530.7	459.1	379.5	300.3	239.1
-50°	431.1	493.5	553.6	575.7	575.6	545.0	490.6	424.3	351.9	281.6	221.3
-52.5°	379.6	427.3	484.0	518.8	520.4	500.1	450.0	390.6	324.6	260.7	201.9
-55°	334.1	367.7	419.8	462.8	466.4	451.8	408.7	355.1	297.3	236.2	181.8
-57.5°	296.3	317.5	360.8	402.7	413.4	401.5	367.4	321.1	268.7	209.7	167.4
-60°	269.5	273.4	306.1	344.9	362.7	352.6	326.2	286.4	237.9	183.8	152.7
-62.5°	236.5	230.0	254.6	290.7	313.4	304.7	284.4	250.4	205.7	167.0	137.5
-65°	200.8	188.3	208.4	240.6	265.1	257.0	240.3	211.8	181.0	149.2	120.2
-67.5°	168.2	156.0	170.0	195.8	214.5	210.0	195.4	181.0	158.0	129.4	102.3
-70°	140.5	131.8	137.4	154.4	167.1	166.2	164.6	154.1	133.4	108.0	84.8
-72.5°	116.1	107.6	106.8	116.6	131.4	138.4	137.2	125.9	107.4	86.8	71.3
-75°	89.2	84.3	83.4	92.8	104.6	110.2	108.1	97.2	83.7	71.0	57.7
-77.5°	70.3	65.9	63.4	69.3	77.7	81.4	81.3	74.7	65.1	54.8	45.9
-80°	50.0	45.9	42.9	47.4	55.1	59.4	60.5	54.5	48.0	43.4	37.5
-82.5°	32.6	30.5	28.7	31.2	36.6	40.8	43.3	41.0	37.4	34.0	29.0
-85°	20.2	19.4	18.7	20.3	24.9	28.3	29.8	29.1	26.6	23.7	19.7
-87.5°	11.2	10.7	10.1	10.5	12.7	14.6	15.1	14.7	13.3	11.9	9.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.4	7.5	5.7	4.3	2.9	1.4	0.0
85°	20.7	15.0	11.4	8.5	5.7	2.9	0.0
82.5°	31.0	22.4	17.0	12.8	8.5	4.3	0.0
80°	39.8	29.5	22.6	17.0	11.4	5.7	0.0
77.5°	48.4	35.9	28.0	21.2	14.2	7.1	0.0
75°	56.6	42.2	32.8	25.4	16.9	8.5	0.0
72.5°	67.3	48.3	37.6	29.1	19.7	9.9	0.0
70°	78.5	56.0	42.4	32.8	22.4	11.3	0.0
67.5°	89.4	65.2	47.1	36.4	25.1	12.6	0.0
65°	101.6	74.3	53.1	39.9	27.6	13.9	0.0
62.5°	115.3	83.1	60.3	43.4	29.9	15.2	0.0
60°	128.7	93.0	67.2	46.8	32.1	16.5	0.0
57.5°	141.7	104.5	74.0	50.3	34.3	17.7	0.0
55°	153.3	115.6	80.5	55.0	36.4	18.9	0.0
52.5°	165.0	126.4	87.1	59.5	38.5	20.1	0.0
50°	176.3	136.7	95.2	63.9	40.4	21.2	0.0
47.5°	188.1	145.6	102.8	68.1	42.3	22.3	0.0
45°	204.8	154.0	109.8	72.0	44.0	23.3	0.0
42.5°	220.7	161.9	116.3	75.7	45.7	24.3	0.0
40°	235.3	169.3	122.3	79.2	47.3	25.3	0.0
37.5°	248.1	176.3	127.7	82.4	48.8	26.2	0.0
35°	258.9	184.2	132.2	86.1	50.6	26.9	0.0
32.5°	267.9	192.2	136.1	89.8	52.5	27.6	0.0
30°	275.5	199.4	139.4	93.3	54.3	28.3	0.0
27.5°	282.4	205.8	143.2	96.4	56.0	28.8	0.0
25°	288.6	211.5	147.0	99.4	57.6	29.4	0.0
22.5°	293.9	217.1	150.4	102.0	59.0	29.9	0.0
20°	299.1	223.6	153.5	104.3	60.3	30.3	0.0
17.5°	305.8	229.2	156.2	106.6	61.5	30.7	0.0
15°	312.2	233.9	158.7	108.5	62.5	31.1	0.0
12.5°	317.3	237.6	160.6	110.2	63.4	31.4	0.0
10°	321.2	240.5	162.0	111.6	64.1	31.6	0.0
7.5°	324.7	242.8	163.1	112.6	64.6	31.8	0.0
5°	327.3	244.3	163.7	113.4	65.0	31.9	0.0
2.5°	328.9	245.1	163.9	113.8	65.2	32.0	0.0
0°	329.4	245.1	163.8	114.0	65.3	32.0	0.0
-2.5°	329.0	244.7	163.6	113.8	65.2	32.0	0.0
-5°	327.5	243.5	163.0	113.3	65.0	31.9	0.0
-7.5°	324.9	241.6	162.1	112.6	64.6	31.8	0.0
-10°	320.8	238.9	160.8	111.5	64.1	31.6	0.0
-12.5°	315.0	235.6	159.1	110.1	63.4	31.4	0.0
-15°	307.9	231.6	157.1	108.4	62.5	31.1	0.0
-17.5°	299.5	226.8	155.0	106.4	61.5	30.7	0.0
-20°	289.6	221.2	152.4	104.2	60.3	30.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	280.2	214.9	149.5	101.6	59.0	29.9	0.0
-25°	271.2	207.5	146.1	98.8	57.6	29.4	0.0
-27.5°	261.8	199.4	142.3	95.7	56.0	28.8	0.0
-30°	252.6	190.8	138.1	92.3	54.3	28.3	0.0
-32.5°	245.0	181.8	133.5	88.6	52.4	27.6	0.0
-35°	236.7	172.2	128.5	84.7	50.4	26.9	0.0
-37.5°	227.1	163.8	123.1	80.8	48.5	26.2	0.0
-40°	215.6	157.6	117.2	77.4	47.0	25.3	0.0
-42.5°	203.7	151.0	111.0	73.9	45.3	24.3	0.0
-45°	191.5	143.9	104.4	70.1	43.6	23.3	0.0
-47.5°	178.5	136.3	97.6	66.3	41.9	22.3	0.0
-50°	168.6	128.3	90.7	62.2	40.0	21.2	0.0
-52.5°	158.5	119.0	83.4	58.0	38.1	20.1	0.0
-55°	147.6	109.5	77.3	53.7	36.1	18.9	0.0
-57.5°	135.4	99.4	71.3	49.3	34.1	17.7	0.0
-60°	121.8	88.8	65.1	46.0	32.0	16.5	0.0
-62.5°	107.6	79.4	58.7	42.8	29.8	15.2	0.0
-65°	93.1	71.1	52.2	39.5	27.6	13.9	0.0
-67.5°	80.3	62.4	46.5	36.1	25.2	12.6	0.0
-70°	69.1	53.5	42.0	32.7	22.5	11.3	0.0
-72.5°	57.8	46.1	37.4	29.2	19.8	9.9	0.0
-75°	47.3	40.2	32.8	25.6	17.1	8.5	0.0
-77.5°	40.1	34.1	28.1	21.4	14.3	7.1	0.0
-80°	32.8	28.0	22.8	17.1	11.4	5.7	0.0
-82.5°	25.4	21.2	17.1	12.9	8.6	4.3	0.0
-85°	16.9	14.2	11.4	8.6	5.7	2.9	0.0
-87.5°	8.5	7.1	5.7	4.3	2.9	1.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)