

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: P902065 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 11/13/2024

Test Information

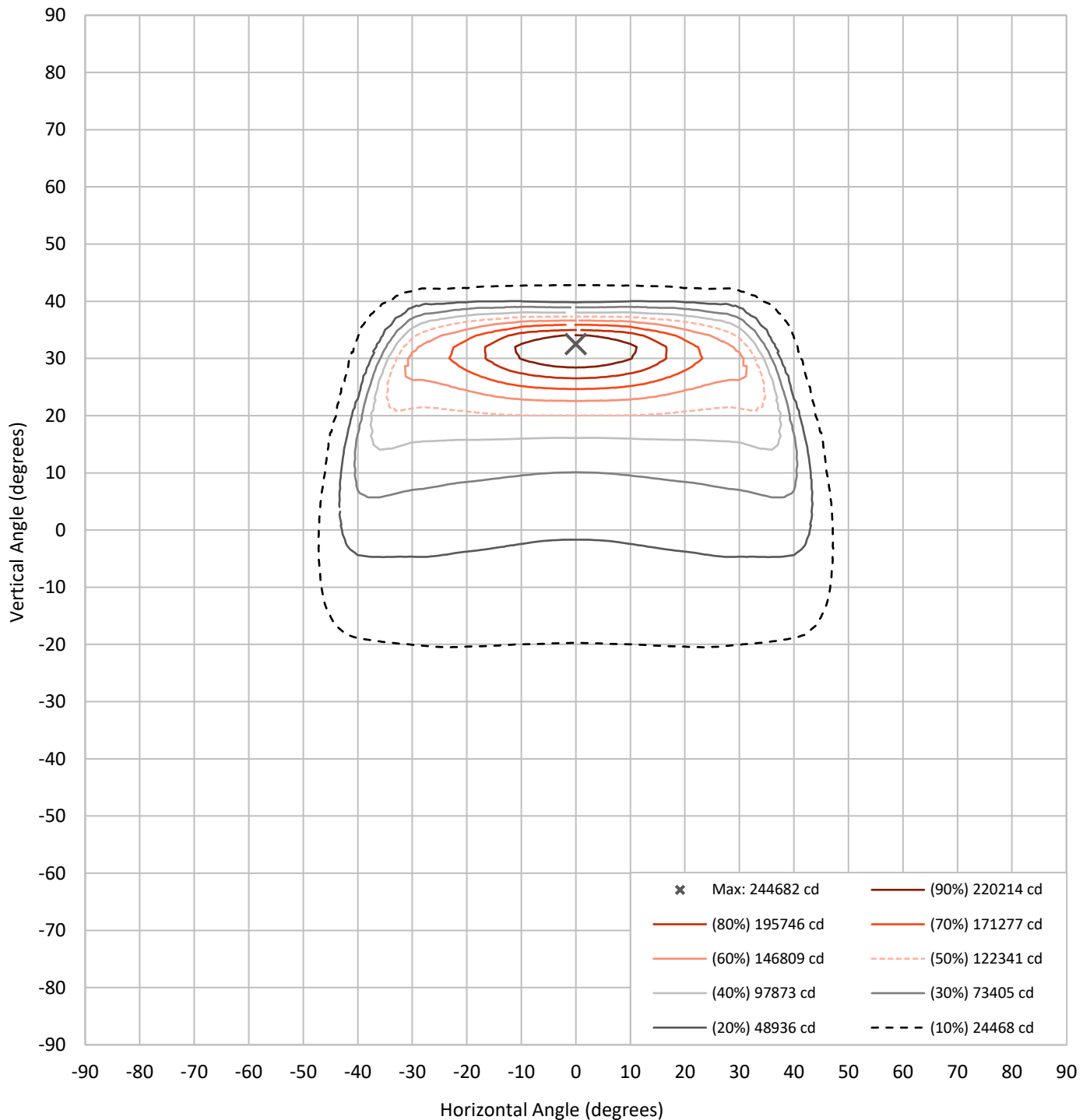
Test Method: LM-79-08
Report Number: P902065 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (LVM2I47600)
Test Lab: INNOVATION CENTER
Issue Date: 11/13/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-AV-03-1360S-57-85-A35-NMB-LTM
Description: ARENAVISION LUMINAIRE
5700K, 85 CRI LEDS AND A35-NMB-LTM OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	134684.2 lumens	Max Intensity:	244682 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 32.5°V
Efficacy:	95.3 lumens/watt		
Luminous Opening:	Rectangular (W 2m x L: 2m x H: 0m)		
Beam Angle (50%):	62.4°H x 17.2°V	Field Angle (10%):	81°H x 62.5°V
Beam Lumens:	51937.7 lumens	Field Lumens:	122367.3 lumens
Beam Efficiency:	38.6%	Field Efficiency:	90.9%
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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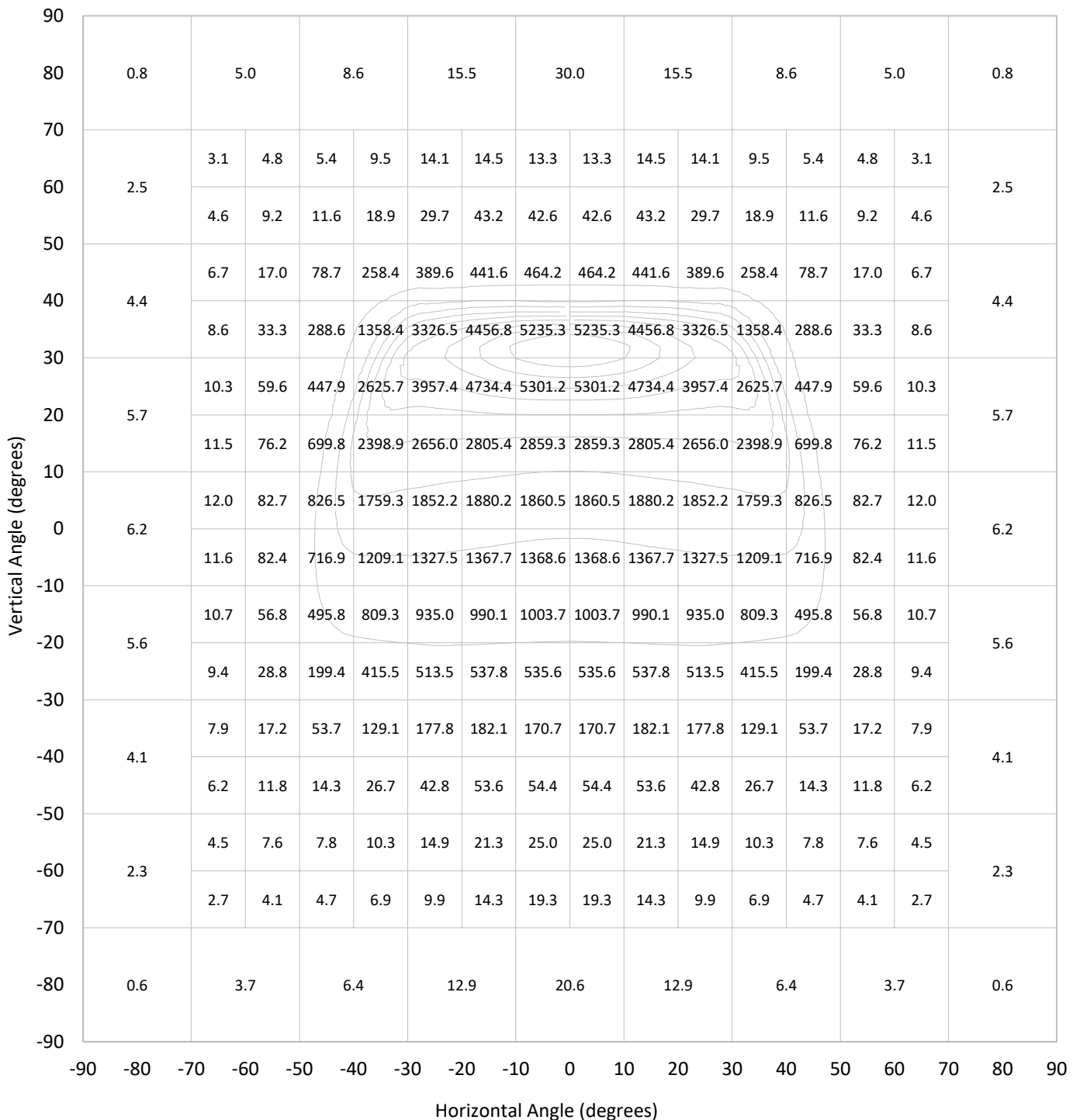
Iso-Candela Plot





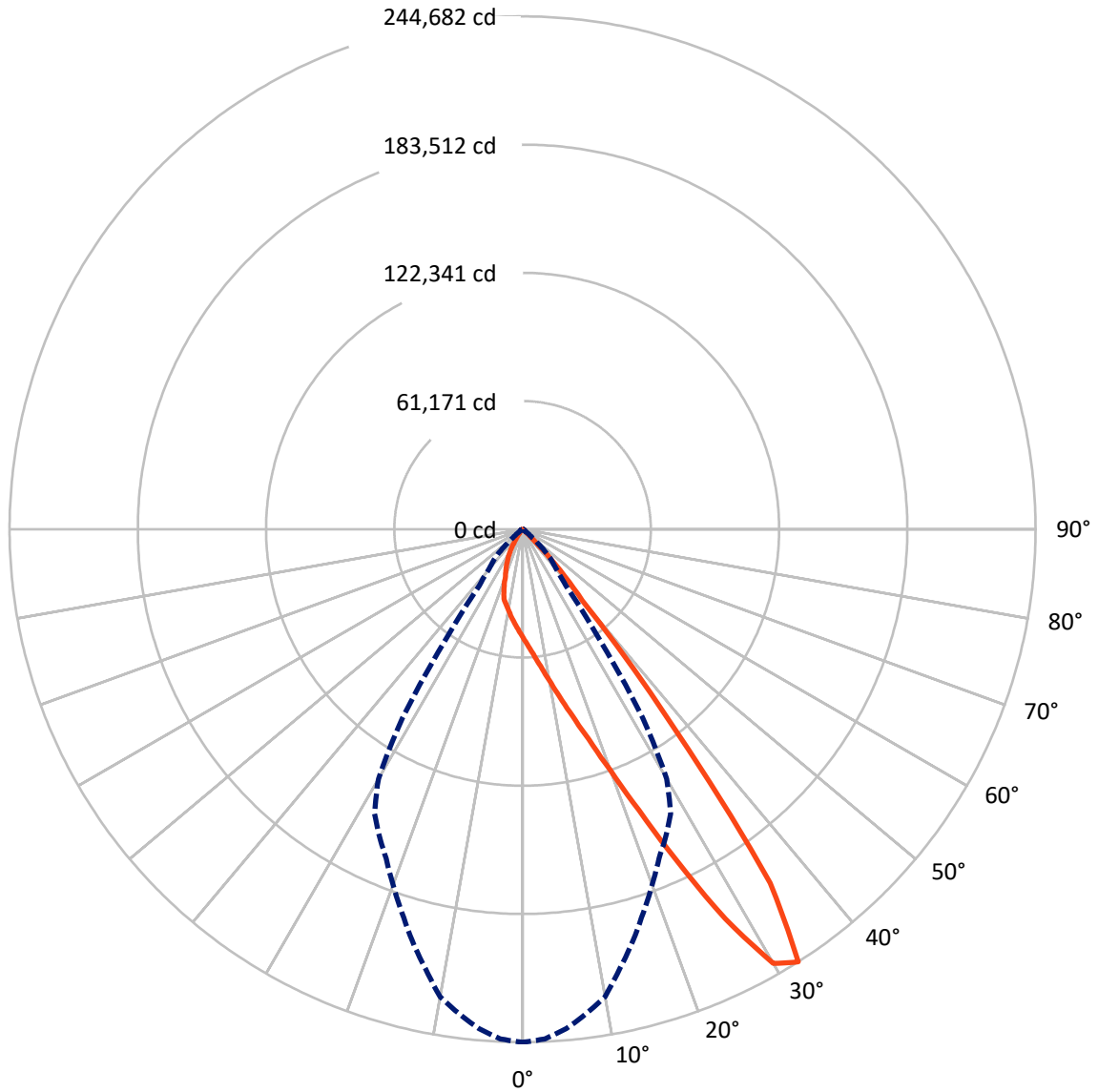
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Lumen Table



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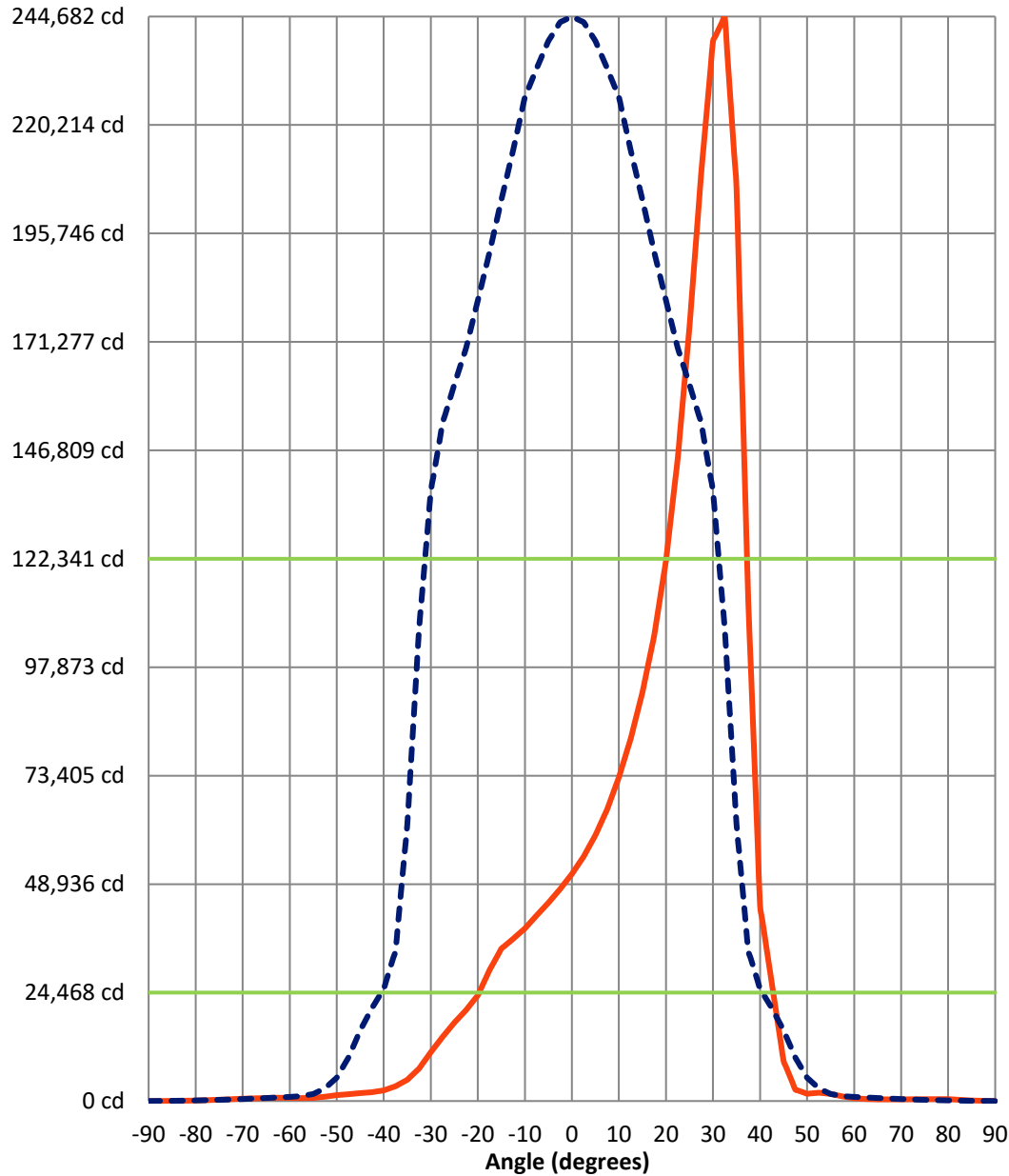
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 62.4°
 V Angle: 17.2°
 Lumens: 51937.7
 Efficiency: 38.6%

Field:
 H Angle: 81°
 V Angle: 62.5°
 Lumens: 122367.3
 Efficiency: 90.9%

Spill:
 Lumens: 12316.9
 Efficiency: 9.1%

— 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	3.0	4.5	6.0	7.9	10.9	13.2	15.6	18.9	20.8
85°	0.0	2.9	6.0	9.0	12.0	15.7	21.7	26.3	31.2	37.7	41.4
82.5°	0.0	4.3	9.1	13.5	18.0	23.5	32.3	38.9	45.6	54.7	60.9
80°	0.0	5.7	12.0	18.0	23.9	31.0	41.7	50.3	59.2	71.3	81.2
77.5°	0.0	7.1	15.0	22.4	29.6	37.9	50.8	61.6	73.9	91.0	105.2
75°	0.0	8.5	17.9	26.8	34.8	44.6	59.6	75.3	91.7	111.3	130.1
72.5°	0.0	9.8	20.8	30.8	40.0	51.2	70.5	90.0	109.2	134.2	158.0
70°	0.0	11.2	23.6	34.7	45.1	59.2	82.0	104.4	130.3	158.3	184.8
67.5°	0.0	12.5	26.3	38.5	50.1	68.6	93.1	121.7	151.4	181.4	209.7
65°	0.0	13.8	28.8	42.2	56.4	77.9	105.4	138.8	171.1	203.5	235.6
62.5°	0.0	15.1	31.1	45.8	63.6	86.8	119.1	155.3	188.9	226.5	264.9
60°	0.0	16.4	33.3	49.3	70.6	96.8	132.5	169.7	205.6	253.2	293.4
57.5°	0.0	17.6	35.5	52.8	77.4	108.2	145.4	183.5	228.5	279.4	319.6
55°	0.0	18.8	37.6	57.4	83.9	119.2	157.0	196.7	252.4	303.1	346.0
52.5°	0.0	20.0	39.6	61.9	90.5	129.9	168.5	216.4	275.7	325.9	384.2
50°	0.0	21.1	41.6	66.2	98.2	139.9	179.4	236.4	296.2	351.5	421.2
47.5°	0.0	22.2	43.5	70.4	105.5	148.3	190.8	255.7	316.7	383.2	464.4
45°	0.0	23.2	45.3	74.3	112.4	156.3	207.2	273.5	336.2	414.0	508.8
42.5°	0.0	24.2	47.0	78.0	118.9	164.0	222.8	290.1	361.1	448.1	550.4
40°	0.0	25.2	48.6	81.5	124.9	171.2	237.3	305.9	384.8	483.2	587.6
37.5°	0.0	26.1	50.1	84.7	130.5	178.1	250.0	320.7	407.0	514.8	622.1
35°	0.0	26.8	52.0	88.5	135.4	186.2	260.7	336.7	429.4	543.1	655.6
32.5°	0.0	27.6	53.9	92.2	139.5	194.4	269.6	351.2	451.4	567.8	689.5
30°	0.0	28.2	55.7	95.6	143.1	201.7	277.3	363.0	470.3	586.7	723.8
27.5°	0.0	28.8	57.4	98.7	146.7	208.3	284.1	373.3	486.1	602.7	756.6
25°	0.0	29.4	58.9	101.6	150.1	214.0	290.3	382.1	499.6	622.6	785.6
22.5°	0.0	29.9	60.2	104.1	153.2	219.5	295.5	391.8	510.5	643.9	814.2
20°	0.0	30.3	61.4	106.3	156.0	225.7	300.6	401.5	519.4	662.2	836.5
17.5°	0.0	30.7	62.4	108.3	158.4	231.2	307.1	409.3	526.6	678.5	855.1
15°	0.0	31.1	63.3	110.0	160.6	235.8	313.2	416.2	531.6	693.2	872.7
12.5°	0.0	31.4	64.0	111.4	162.2	239.4	318.1	422.5	535.8	705.3	888.2
10°	0.0	31.6	64.6	112.5	163.3	242.0	321.8	427.0	538.7	717.4	901.8
7.5°	0.0	31.8	65.0	113.4	164.0	243.8	325.2	430.2	539.7	727.0	913.8
5°	0.0	31.9	65.3	113.9	164.3	244.9	327.8	433.7	542.2	732.9	921.5
2.5°	0.0	32.0	65.4	114.1	164.3	245.3	329.4	435.6	544.1	734.7	920.7
0°	0.0	32.0	65.3	114.0	163.8	245.0	329.9	435.9	544.3	733.0	916.2
-2.5°	0.0	32.0	65.2	113.8	163.9	244.6	329.4	436.3	546.7	728.2	903.8
-5°	0.0	31.9	65.0	113.4	163.7	243.5	327.8	435.0	547.4	720.3	888.4
-7.5°	0.0	31.8	64.6	112.6	163.1	241.6	325.0	432.1	546.4	711.4	873.8
-10°	0.0	31.6	64.1	111.6	162.0	239.0	321.0	427.8	544.4	701.3	857.5
-12.5°	0.0	31.4	63.4	110.2	160.6	235.9	315.6	421.5	540.2	689.5	840.1
-15°	0.0	31.1	62.5	108.5	158.8	232.3	309.0	413.3	534.5	677.5	821.2
-17.5°	0.0	30.7	61.5	106.6	156.6	227.9	301.3	403.0	527.4	664.2	799.9
-20°	0.0	30.3	60.3	104.3	154.0	222.6	292.1	390.4	517.3	649.5	777.3



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 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NMB-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	102.0	151.0	216.6	283.3	375.4	504.5	633.6	754.3
-25°	0.0	29.4	57.6	99.4	147.7	209.6	274.8	360.7	489.7	617.1	729.2
-27.5°	0.0	28.8	56.0	96.5	144.0	201.9	265.8	348.2	471.1	595.8	703.8
-30°	0.0	28.3	54.3	93.3	140.0	193.6	256.7	334.1	449.1	571.3	675.9
-32.5°	0.0	27.6	52.5	89.8	135.6	184.8	248.5	318.5	424.4	544.9	646.3
-35°	0.0	26.9	50.6	86.1	130.9	175.6	239.6	301.9	398.3	515.6	615.9
-37.5°	0.0	26.2	48.8	82.4	125.8	167.4	229.7	288.2	374.7	485.0	582.6
-40°	0.0	25.3	47.3	79.2	120.0	161.3	218.1	277.8	355.2	453.9	548.7
-42.5°	0.0	24.3	45.7	75.7	113.9	154.7	206.4	266.5	334.4	423.2	515.7
-45°	0.0	23.3	44.0	71.9	107.3	147.6	194.2	254.3	312.5	395.1	481.1
-47.5°	0.0	22.3	42.3	68.0	100.4	140.1	181.2	239.1	295.9	369.5	446.2
-50°	0.0	21.2	40.4	63.9	93.3	132.1	171.0	221.6	277.8	342.9	412.6
-52.5°	0.0	20.1	38.5	59.7	85.7	122.5	160.7	202.9	258.1	317.4	380.4
-55°	0.0	18.9	36.4	55.3	79.5	112.5	149.5	183.7	235.2	292.1	346.5
-57.5°	0.0	17.7	34.3	50.7	73.4	102.0	137.3	169.3	210.3	265.1	315.1
-60°	0.0	16.5	32.1	47.4	67.1	91.1	123.6	154.5	185.6	235.8	282.9
-62.5°	0.0	15.2	29.9	44.1	60.5	81.5	109.4	139.3	168.6	205.3	248.7
-65°	0.0	13.9	27.6	40.8	53.8	73.0	94.9	122.0	150.9	181.4	211.6
-67.5°	0.0	12.6	25.1	37.4	48.1	64.3	82.1	104.1	131.1	158.7	181.6
-70°	0.0	11.3	22.4	34.0	43.6	55.3	70.9	86.6	109.9	134.4	154.9
-72.5°	0.0	9.9	19.7	30.6	39.0	47.9	59.6	73.2	88.7	108.8	127.0
-75°	0.0	8.5	16.9	26.9	34.4	41.9	49.2	59.6	72.7	85.4	98.1
-77.5°	0.0	7.1	14.2	22.6	29.7	35.8	41.9	47.7	56.3	66.7	75.2
-80°	0.0	5.7	11.4	18.1	24.2	29.6	34.5	39.2	44.4	49.3	54.6
-82.5°	0.0	4.3	8.5	13.6	18.2	22.5	26.9	30.7	34.4	38.0	40.9
-85°	0.0	2.9	5.7	9.1	12.1	15.0	18.0	20.9	23.7	26.5	29.0
-87.5°	0.0	1.4	2.9	4.6	6.1	7.5	9.0	10.4	11.8	13.2	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°	22.8	21.0	18.6	15.7	13.2	9.3	9.7	11.7	12.3	12.5	13.0
85°	44.9	41.6	36.7	30.7	26.5	17.9	18.2	19.6	20.3	22.0	22.7
82.5°	65.0	61.5	54.6	46.9	42.0	32.1	33.6	36.7	39.3	43.7	46.3
80°	87.8	86.5	79.3	69.2	61.6	54.3	58.1	64.7	70.9	78.1	83.6
77.5°	113.3	113.9	108.0	97.7	87.4	83.5	88.2	95.4	103.4	111.7	118.1
75°	142.9	146.5	140.8	128.0	113.4	110.3	116.6	123.7	134.6	147.6	158.7
72.5°	173.9	178.6	173.8	159.1	142.6	137.6	144.0	151.7	164.3	182.3	198.0
70°	203.2	210.1	211.3	198.7	177.5	164.9	170.0	177.3	192.1	214.7	237.2
67.5°	233.7	248.1	254.6	239.8	212.8	192.3	198.8	208.8	222.8	245.9	272.1
65°	268.5	286.2	295.7	281.7	256.5	229.2	232.4	245.2	259.1	276.9	302.4
62.5°	300.6	319.9	336.5	335.9	311.4	279.8	271.1	281.8	295.0	316.7	337.5
60°	328.1	358.7	386.6	399.0	380.6	336.4	309.7	332.5	360.8	371.9	376.8
57.5°	360.4	404.9	446.3	471.1	455.4	404.6	381.1	400.6	425.6	435.4	432.0
55°	401.2	459.2	512.5	541.2	545.5	520.5	471.5	462.8	516.8	534.7	525.0
52.5°	446.6	517.4	573.4	620.6	661.1	632.1	583.6	594.9	658.7	699.5	811.4
50°	500.6	572.4	638.0	722.9	762.9	781.0	790.6	800.2	951.8	1310.5	1686.8
47.5°	553.7	626.6	720.6	814.4	878.6	994.7	1154.1	1332.6	1750.6	3037.5	3826.4
45°	603.7	689.8	794.5	893.4	1038.1	1355.0	1763.4	2249.7	4121.4	6278.6	7712.3
42.5°	648.7	751.1	858.8	994.4	1260.7	1848.4	2656.3	4408.2	7599.0	10805.4	13629.0
40°	693.8	804.9	919.9	1077.7	1454.8	2572.8	4343.2	7030.5	11795.3	16179.2	19592.7
37.5°	735.8	850.4	980.1	1204.5	1863.8	3403.3	5994.6	10086.1	15937.4	20488.0	24389.6
35°	775.3	892.0	1036.9	1307.2	2254.2	4191.1	7708.7	13573.1	19117.2	23461.7	29175.0
32.5°	812.0	936.1	1114.8	1601.4	2857.0	5281.4	9843.7	15963.9	20980.8	25330.6	33979.7
30°	849.3	980.7	1175.2	1812.0	3349.5	6254.5	11999.8	17442.6	21451.7	27525.5	46087.9
27.5°	892.1	1030.7	1306.2	2131.4	4009.9	7711.6	13038.7	17708.8	22421.2	32962.1	62038.9
25°	935.3	1089.4	1434.1	2417.3	4549.1	8850.2	13660.8	17605.9	23421.7	38649.9	79254.4
22.5°	969.1	1137.9	1526.9	2590.4	5057.5	9487.9	13781.6	18373.5	27898.6	51763.2	92717.2
20°	999.5	1172.1	1649.3	2904.2	5654.9	9854.5	13765.8	19255.9	31821.3	61435.8	101928.9
17.5°	1020.8	1230.6	1776.6	3088.9	5976.6	10079.8	13928.2	21457.9	39233.5	71681.7	101044.4
15°	1039.2	1271.2	1857.1	3189.5	6097.5	10154.8	14792.6	24454.8	45668.1	78973.3	99785.1
12.5°	1058.0	1296.7	1903.1	3263.4	6244.2	10272.4	15697.0	27083.3	50647.1	80271.2	92679.0
10°	1073.5	1312.2	1924.9	3400.8	6340.3	10497.7	16651.0	29879.0	55008.7	78149.6	85805.0
7.5°	1084.8	1314.6	1964.7	3458.8	6451.2	10817.6	17793.0	33166.4	57108.1	74660.1	78940.7
5°	1091.7	1306.1	1983.2	3468.8	6540.9	11207.7	19391.8	35510.7	57178.2	69981.6	72006.9
2.5°	1085.7	1290.8	1981.5	3450.6	6612.3	11620.3	20647.7	36894.7	55514.3	64525.9	65400.4
0°	1075.1	1269.9	1959.9	3424.3	6648.9	11989.2	21559.4	37215.2	52341.5	58619.2	59207.6
-2.5°	1056.2	1246.3	1923.6	3390.4	6644.7	12333.9	22142.8	36578.7	48372.3	52876.0	53549.2
-5°	1034.7	1218.8	1851.6	3289.2	6479.3	12440.5	22195.1	35159.6	44296.2	47568.8	48296.3
-7.5°	1015.8	1189.8	1742.9	3118.1	6133.1	12203.8	21736.7	33264.7	40390.8	42802.6	43487.6
-10°	994.6	1158.5	1613.6	2867.7	5597.2	11529.4	20999.8	31239.8	36879.6	38677.6	39218.1
-12.5°	973.5	1125.4	1520.0	2546.3	4855.5	10317.9	19480.7	28968.4	34044.3	35519.7	35983.5
-15°	949.7	1088.7	1416.1	2284.3	3936.1	8438.5	16856.6	25664.8	30470.6	32293.9	32848.6
-17.5°	922.2	1048.6	1308.5	2013.6	3380.2	6371.0	13256.8	21209.9	25746.2	27237.1	28000.1
-20°	893.1	1004.7	1198.7	1734.7	2821.9	5022.7	9919.3	16476.9	20883.1	22239.3	23063.0



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

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	862.4	967.2	1113.2	1456.7	2306.7	3806.4	7057.7	12111.3	16322.0	18354.6	19244.0
-25°	831.2	931.0	1060.1	1324.9	1935.4	2976.7	4904.4	8473.6	12324.4	14874.3	15995.0
-27.5°	799.0	892.2	1001.8	1191.4	1624.7	2458.5	3807.0	5960.1	8587.4	10883.1	12366.0
-30°	766.0	853.1	945.9	1070.7	1338.6	1975.8	2937.4	4179.1	5810.6	7546.5	8881.0
-32.5°	732.9	814.8	896.8	997.5	1180.5	1618.8	2355.6	3139.3	4074.7	5196.4	6077.9
-35°	699.0	774.9	847.0	924.7	1020.7	1272.3	1807.0	2173.9	2825.2	3662.0	4369.3
-37.5°	663.8	735.9	803.9	867.7	934.3	1067.5	1273.8	1428.0	1772.4	2424.5	3026.9
-40°	628.1	698.2	762.0	808.7	843.0	884.1	954.5	979.6	1091.5	1420.3	1925.0
-42.5°	592.0	660.3	715.7	753.3	771.4	765.0	741.7	724.0	767.7	905.2	1115.7
-45°	555.3	621.6	668.7	692.5	693.2	664.9	615.5	577.2	601.2	673.7	734.1
-47.5°	518.1	579.2	620.9	634.4	622.9	574.1	519.5	497.5	521.1	558.3	586.2
-50°	479.2	534.5	567.3	573.4	552.9	496.6	440.6	429.3	453.8	474.3	484.2
-52.5°	439.6	490.5	513.6	514.1	482.3	430.3	389.8	385.4	401.6	410.7	423.0
-55°	399.8	443.5	460.9	457.3	417.8	371.0	344.1	350.6	362.4	373.6	387.3
-57.5°	360.2	394.5	407.6	398.0	359.6	320.1	304.4	320.5	330.2	343.2	358.9
-60°	321.1	347.2	357.1	340.9	305.8	276.7	274.9	290.0	299.7	311.7	328.5
-62.5°	281.2	301.2	308.8	288.0	255.1	234.3	241.9	256.3	267.7	278.5	292.9
-65°	239.4	255.9	262.2	239.6	210.1	193.5	206.5	219.7	232.0	243.4	255.9
-67.5°	197.3	211.3	214.5	197.3	173.0	161.1	173.4	183.0	194.5	206.4	218.6
-70°	166.9	169.7	169.8	157.5	141.1	135.8	144.8	151.6	160.6	169.9	180.4
-72.5°	139.3	141.0	134.5	120.2	110.4	111.1	119.6	125.6	131.0	138.4	146.5
-75°	109.3	111.9	106.8	95.4	86.3	87.6	92.8	97.6	102.3	109.8	117.1
-77.5°	81.8	82.1	78.7	70.8	65.3	68.1	72.8	74.5	76.6	81.6	86.0
-80°	60.6	59.5	55.4	47.8	43.6	46.9	50.4	52.1	54.5	59.2	61.8
-82.5°	43.2	40.5	36.4	31.0	28.7	30.6	31.4	31.5	33.0	35.3	35.4
-85°	29.8	28.3	24.8	20.2	18.6	19.3	19.1	18.2	18.2	18.7	18.1
-87.5°	15.1	14.6	12.7	10.5	10.1	10.7	11.3	10.4	9.3	9.7	10.1
-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°	13.3	15.2	15.5	17.4	17.8	21.4	21.7	25.3	29.1	34.8	41.8
85°	23.7	26.9	28.5	33.1	37.3	42.1	44.9	51.1	59.2	72.4	86.7
82.5°	50.8	57.0	60.0	65.7	72.4	78.9	84.4	94.9	108.8	129.9	161.2
80°	92.2	101.6	102.9	107.3	114.2	123.0	128.9	143.8	162.2	190.5	241.4
77.5°	130.7	147.5	148.6	148.8	153.0	160.9	164.3	175.5	190.4	210.4	245.5
75°	177.7	203.3	203.2	190.0	189.0	194.4	195.6	201.5	213.1	226.8	245.9
72.5°	221.1	259.9	268.9	248.7	237.8	235.8	237.9	240.2	243.1	250.2	262.2
70°	271.7	333.1	362.2	341.5	312.4	287.1	285.5	286.1	277.6	275.8	282.0
67.5°	320.8	411.6	462.8	438.8	397.8	352.5	347.4	352.2	329.4	314.1	312.0
65°	356.7	473.4	549.2	548.0	534.2	448.6	404.0	395.2	353.9	343.0	348.2
62.5°	383.6	511.6	617.0	651.7	666.6	571.6	561.7	650.9	639.4	598.6	545.0
60°	406.2	521.3	639.8	700.9	744.5	725.8	852.7	1143.1	1124.6	1025.1	873.4
57.5°	444.6	519.2	604.0	704.2	810.7	872.5	1121.8	1494.1	1536.0	1459.6	1273.1
55°	527.9	608.6	635.6	777.8	943.0	1104.4	1372.5	1543.9	1566.0	1647.8	1596.8
52.5°	843.7	989.6	999.1	1125.2	1232.0	1381.4	1538.6	1517.4	1552.5	1556.8	1578.0
50°	1837.5	1995.3	1859.9	1877.1	1822.1	1813.2	1810.2	1674.9	1682.5	1612.6	1571.9
47.5°	4152.0	4421.7	4066.9	3876.9	3516.1	3497.6	3192.6	2785.4	2771.1	2562.8	2348.1
45°	8946.3	9545.6	9637.5	9911.8	9123.8	9112.1	8481.1	8477.3	8597.9	8047.4	7886.3
42.5°	15689.1	17716.1	20425.1	22462.1	21194.8	21709.8	21731.7	23131.2	24135.0	24732.3	25263.1
40°	23047.4	28332.8	36606.4	42900.5	40042.5	44531.0	45231.7	49786.4	48380.4	49379.8	49062.6
37.5°	31124.0	43191.4	64452.5	78652.5	81974.9	91539.3	97417.8	102716.4	103215.3	107386.7	112429.3
35°	42196.8	71991.0	104080.4	123396.8	135718.4	143509.5	154238.8	162745.1	174181.8	181708.0	192567.0
32.5°	62430.9	106471.1	137495.1	152926.9	161651.4	169908.4	180640.9	191535.2	203312.0	214514.1	226478.2
30°	88480.5	131254.5	153896.3	161482.1	165848.8	173236.3	182157.2	192084.5	202196.6	212685.7	221285.5
27.5°	109607.6	143439.3	153071.5	153959.5	157118.8	162858.0	169390.1	176976.0	184401.5	191967.5	197814.3
25°	124931.0	140312.6	141001.9	140463.1	142908.0	146746.1	150859.4	155688.0	160711.1	165154.4	168783.2
22.5°	122653.6	129688.2	128023.2	127041.2	128774.6	130810.5	133078.8	136013.1	138749.9	141006.1	142819.3
20°	118573.1	118865.7	116066.9	115033.5	116220.4	116786.6	117857.8	119114.0	120343.5	121238.5	121589.6
17.5°	109806.9	108331.1	105554.4	104862.4	105120.5	104814.3	105084.2	105402.6	105621.0	105584.4	105365.0
15°	101644.0	99045.0	96634.0	95856.4	95534.5	94772.2	94539.7	94328.9	93954.8	93525.6	92931.3
12.5°	93112.6	90601.0	88471.0	87811.5	87093.1	86056.2	85586.1	85030.4	84408.9	83652.0	83043.6
10°	85203.7	82882.6	81204.8	80513.7	79547.2	78468.3	77786.1	77072.0	76248.2	75475.3	74708.7
7.5°	77804.2	75890.9	74566.8	73915.8	72810.9	71646.8	70949.5	70201.8	69366.0	68535.2	67705.7
5°	70952.3	69442.5	68384.9	67890.0	66778.1	65649.0	64932.9	64197.5	63408.6	62573.3	61779.6
2.5°	64650.7	63542.5	62699.4	62412.6	61387.5	60340.3	59706.5	59019.9	58242.1	57454.3	56724.7
0°	58715.7	58057.2	57439.7	57259.0	56445.8	55546.6	54985.9	54412.1	53756.3	53077.2	52447.5
-2.5°	53297.1	52988.8	52676.3	52594.3	52026.4	51297.0	50797.7	50321.2	49784.5	49248.6	48742.1
-5°	48245.4	48262.9	48316.1	48433.4	48086.9	47526.2	47117.8	46753.1	46323.7	45921.2	45537.2
-7.5°	43718.4	43971.3	44222.2	44529.9	44432.6	44055.0	43828.5	43517.5	43186.3	42845.8	42574.1
-10°	39626.4	39979.0	40369.1	40741.9	40812.5	40592.6	40523.1	40318.4	40042.9	39780.0	39566.4
-12.5°	36369.7	36840.4	37262.5	37645.9	37884.8	37666.1	37645.2	37497.2	37315.8	37113.2	36913.8
-15°	33373.8	33910.8	34402.6	34883.2	35258.3	35241.5	35214.2	35086.9	34935.9	34819.6	34804.7
-17.5°	28521.9	29011.7	29469.0	29839.9	30362.3	30312.7	30333.1	30278.7	30137.7	29967.5	29849.2
-20°	23702.8	24177.3	24552.2	24839.6	25145.0	25136.3	24988.4	24914.0	24804.8	24607.8	24393.3



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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°	20038.6	20776.6	21251.2	21492.8	21725.9	21747.1	21572.5	21441.8	21282.1	21061.1	20837.3
-25°	16791.0	17755.5	18444.1	18748.5	18936.3	18987.3	18826.3	18701.7	18508.5	18329.1	18092.9
-27.5°	13303.5	14122.9	14977.0	15561.0	15712.8	15776.4	15639.3	15479.2	15275.0	15076.6	14848.6
-30°	9796.0	10529.0	11233.7	11820.4	12119.7	12213.6	12123.5	11920.5	11640.2	11399.0	11181.4
-32.5°	6799.9	7399.6	7933.2	8361.4	8636.4	8825.9	8807.0	8535.9	8239.1	7940.2	7688.3
-35°	4798.4	5157.8	5481.7	5733.4	5885.3	6102.2	6058.0	5856.2	5555.1	5351.1	5103.3
-37.5°	3433.8	3610.5	3794.2	3925.6	3991.0	4147.8	4119.1	3976.0	3761.7	3638.0	3522.8
-40°	2305.0	2527.2	2588.7	2661.1	2713.4	2850.3	2854.9	2811.3	2675.5	2584.3	2514.8
-42.5°	1430.8	1650.5	1781.3	1846.0	1917.3	2068.4	2128.7	2151.6	2116.1	2069.9	2042.0
-45°	881.2	1045.5	1197.3	1329.4	1471.4	1628.4	1753.0	1803.0	1800.4	1794.4	1780.7
-47.5°	622.6	691.7	753.1	881.5	1025.4	1213.3	1396.2	1499.7	1496.0	1499.9	1507.2
-50°	495.7	519.4	535.3	601.2	674.2	809.8	986.1	1111.5	1153.9	1182.4	1230.7
-52.5°	434.5	454.2	473.4	504.6	545.1	612.7	711.9	794.1	802.0	816.0	866.3
-55°	405.2	425.1	448.9	481.4	518.9	557.9	603.1	653.1	659.4	632.6	649.5
-57.5°	381.2	403.3	432.6	465.2	493.8	516.5	543.6	585.0	611.0	608.9	631.1
-60°	350.9	375.4	404.9	433.2	454.9	470.8	498.0	545.8	583.2	602.7	638.5
-62.5°	313.9	339.0	366.7	389.5	408.5	423.8	459.4	510.5	551.0	584.5	634.2
-65°	275.8	299.6	322.7	340.2	359.6	378.3	413.9	457.6	494.4	531.1	585.4
-67.5°	237.2	257.7	275.3	290.0	309.2	329.5	358.3	390.5	424.8	464.0	515.6
-70°	194.7	211.4	227.3	242.2	258.4	276.6	299.0	324.2	355.2	393.2	439.4
-72.5°	156.2	168.0	180.6	192.8	205.3	218.7	235.0	255.0	279.2	309.0	342.2
-75°	124.2	132.8	141.4	150.2	159.0	166.9	177.2	192.0	208.4	229.7	249.3
-77.5°	92.1	99.1	104.9	110.9	116.6	122.5	130.2	142.3	152.5	167.0	180.2
-80°	66.5	71.4	73.5	75.3	78.6	82.0	84.4	94.3	98.4	106.7	111.9
-82.5°	38.1	41.4	43.3	43.8	46.6	48.8	50.6	57.9	60.9	66.2	69.4
-85°	18.9	19.8	21.0	20.5	21.3	22.1	22.8	25.2	29.1	28.5	30.7
-87.5°	10.4	10.6	10.8	11.0	11.1	11.3	11.4	11.5	13.5	13.3	15.0
-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°	46.8	50.0	53.2	54.9	53.2	50.0	46.8	41.8	34.8	29.1	25.3
85°	100.1	111.8	120.9	123.1	120.9	111.8	100.1	86.7	72.4	59.2	51.1
82.5°	201.5	240.6	269.1	273.5	269.1	240.6	201.5	161.2	129.9	108.8	94.9
80°	311.6	380.0	430.1	438.7	430.1	380.0	311.6	241.4	190.5	162.2	143.8
77.5°	301.6	369.4	421.0	429.8	421.0	369.4	301.6	245.5	210.4	190.4	175.5
75°	288.7	355.2	409.6	419.9	409.6	355.2	288.7	245.9	226.8	213.1	201.5
72.5°	295.3	352.6	398.5	404.2	398.5	352.6	295.3	262.2	250.2	243.1	240.2
70°	305.7	352.5	387.6	385.9	387.6	352.5	305.7	282.0	275.8	277.6	286.1
67.5°	326.4	354.1	375.9	383.3	375.9	354.1	326.4	312.0	314.1	329.4	352.2
65°	358.6	369.1	380.5	388.3	380.5	369.1	358.6	348.2	343.0	353.9	395.2
62.5°	505.9	494.6	481.4	467.5	481.4	494.6	505.9	545.0	598.6	639.4	650.9
60°	747.7	701.2	666.3	643.5	666.3	701.2	747.7	873.4	1025.1	1124.6	1143.1
57.5°	1139.8	1080.4	1072.6	1054.1	1072.6	1080.4	1139.8	1273.1	1459.6	1536.0	1494.1
55°	1562.5	1572.7	1626.5	1613.8	1626.5	1572.7	1562.5	1596.8	1647.8	1566.0	1543.9
52.5°	1616.8	1754.9	1872.0	1874.4	1872.0	1754.9	1616.8	1578.0	1556.8	1552.5	1517.4
50°	1620.2	1666.2	1666.8	1646.5	1666.8	1666.2	1620.2	1571.9	1612.6	1682.5	1674.9
47.5°	2322.0	2571.9	2639.9	2603.2	2639.9	2571.9	2322.0	2348.1	2562.8	2771.1	2785.4
45°	8689.8	9116.5	9229.4	9091.3	9229.4	9116.5	8689.8	7886.3	8047.4	8597.9	8477.3
42.5°	25717.7	26199.7	26585.7	26568.2	26585.7	26199.7	25717.7	25263.1	24732.3	24135.0	23131.2
40°	47236.6	45255.1	44465.2	44242.5	44465.2	45255.1	47236.6	49062.6	49379.8	48380.4	49786.4
37.5°	112437.8	111775.0	112788.8	112842.0	112788.8	111775.0	112437.8	112429.3	107386.7	103215.3	102716.4
35°	199143.3	202516.7	205139.9	205941.0	205139.9	202516.7	199143.3	192567.0	181708.0	174181.8	162745.1
32.5°	232970.0	239149.6	243389.9	244682.0	243389.9	239149.6	232970.0	226478.2	214514.1	203312.0	191535.2
30°	228097.7	234007.2	237850.7	239102.3	237850.7	234007.2	228097.7	221285.5	212685.7	202196.6	192084.5
27.5°	202744.3	206772.7	208644.3	209429.6	208644.3	206772.7	202744.3	197814.3	191967.5	184401.5	176976.0
25°	171215.3	173154.7	174181.9	174715.5	174181.9	173154.7	171215.3	168783.2	165154.4	160711.1	155688.0
22.5°	143955.9	144630.6	144802.8	144991.3	144802.8	144630.6	143955.9	142819.3	141006.1	138749.9	136013.1
20°	122053.0	122186.7	122076.8	121942.1	122076.8	122186.7	122053.0	121589.6	121238.5	120343.5	119114.0
17.5°	105386.2	104940.7	104791.3	105042.0	104791.3	104940.7	105386.2	105365.0	105584.4	105621.0	105402.6
15°	92641.0	92188.5	91966.0	92234.2	91966.0	92188.5	92641.0	92931.3	93525.6	93954.8	94328.9
12.5°	82505.0	81934.3	81649.3	81749.3	81649.3	81934.3	82505.0	83043.6	83652.0	84408.9	85030.4
10°	74053.5	73480.4	73126.2	73074.3	73126.2	73480.4	74053.5	74708.7	75475.3	76248.2	77072.0
7.5°	66962.1	66398.6	65936.7	65823.1	65936.7	66398.6	66962.1	67705.7	68535.2	69366.0	70201.8
5°	61084.3	60525.3	60193.7	59987.9	60193.7	60525.3	61084.3	61779.6	62573.3	63408.6	64197.5
2.5°	56071.2	55613.5	55336.1	55168.9	55336.1	55613.5	56071.2	56724.7	57454.3	58242.1	59019.9
0°	51918.1	51479.9	51234.9	51232.4	51234.9	51479.9	51918.1	52447.5	53077.2	53756.3	54412.1
-2.5°	48290.3	47993.5	47842.3	47833.7	47842.3	47993.5	48290.3	48742.1	49248.6	49784.5	50321.2
-5°	45197.9	44935.4	44747.3	44728.5	44747.3	44935.4	45197.9	45537.2	45921.2	46323.7	46753.1
-7.5°	42279.5	42029.2	41938.7	41869.5	41938.7	42029.2	42279.5	42574.1	42845.8	43186.3	43517.5
-10°	39334.9	39128.1	39045.5	38936.1	39045.5	39128.1	39334.9	39566.4	39780.0	40042.9	40318.4
-12.5°	36752.1	36630.6	36628.9	36593.5	36628.9	36630.6	36752.1	36913.8	37113.2	37315.8	37497.2
-15°	34418.5	34506.2	34346.4	34365.2	34346.4	34506.2	34418.5	34804.7	34819.6	34935.9	35086.9
-17.5°	29690.3	29705.4	29534.4	29563.5	29534.4	29705.4	29690.3	29849.2	29967.5	30137.7	30278.7
-20°	24307.2	24118.0	23958.9	23860.5	23958.9	24118.0	24307.2	24393.3	24607.8	24804.8	24914.0



REPORT NUMBER: P902065 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NMB-LTM

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	20686.8	20596.0	20533.3	20528.0	20533.3	20596.0	20686.8	20837.3	21061.1	21282.1	21441.8
-25°	17979.8	17806.4	17720.4	17677.9	17720.4	17806.4	17979.8	18092.9	18329.1	18508.5	18701.7
-27.5°	14703.0	14600.0	14535.8	14463.3	14535.8	14600.0	14703.0	14848.6	15076.6	15275.0	15479.2
-30°	11075.9	11054.2	11029.2	11012.8	11029.2	11054.2	11075.9	11181.4	11399.0	11640.2	11920.5
-32.5°	7570.9	7480.4	7408.6	7324.4	7408.6	7480.4	7570.9	7688.3	7940.2	8239.1	8535.9
-35°	4948.1	4892.9	4846.0	4796.5	4846.0	4892.9	4948.1	5103.3	5351.1	5555.1	5856.2
-37.5°	3405.2	3372.5	3357.8	3344.4	3357.8	3372.5	3405.2	3522.8	3638.0	3761.7	3976.0
-40°	2442.1	2395.6	2371.6	2408.3	2371.6	2395.6	2442.1	2514.8	2584.3	2675.5	2811.3
-42.5°	2005.6	1980.4	1974.4	1997.8	1974.4	1980.4	2005.6	2042.0	2069.9	2116.1	2151.6
-45°	1772.5	1782.7	1780.6	1789.3	1780.6	1782.7	1772.5	1780.7	1794.4	1800.4	1803.0
-47.5°	1538.3	1554.5	1556.4	1542.9	1556.4	1554.5	1538.3	1507.2	1499.9	1496.0	1499.7
-50°	1295.3	1329.8	1340.7	1330.4	1340.7	1329.8	1295.3	1230.7	1182.4	1153.9	1111.5
-52.5°	928.0	970.4	988.7	983.3	988.7	970.4	928.0	866.3	816.0	802.0	794.1
-55°	679.8	701.8	712.4	713.3	712.4	701.8	679.8	649.5	632.6	659.4	653.1
-57.5°	653.9	663.5	669.2	679.1	669.2	663.5	653.9	631.1	608.9	611.0	585.0
-60°	663.0	677.1	685.4	719.7	685.4	677.1	663.0	638.5	602.7	583.2	545.8
-62.5°	679.9	715.6	734.9	753.2	734.9	715.6	679.9	634.2	584.5	551.0	510.5
-65°	637.5	677.0	697.3	688.0	697.3	677.0	637.5	585.4	531.1	494.4	457.6
-67.5°	562.3	599.0	619.3	609.2	619.3	599.0	562.3	515.6	464.0	424.8	390.5
-70°	481.2	516.9	538.6	533.4	538.6	516.9	481.2	439.4	393.2	355.2	324.2
-72.5°	374.4	404.6	418.1	413.9	418.1	404.6	374.4	342.2	309.0	279.2	255.0
-75°	272.0	293.4	300.2	297.4	300.2	293.4	272.0	249.3	229.7	208.4	192.0
-77.5°	191.8	202.8	206.0	204.8	206.0	202.8	191.8	180.2	167.0	152.5	142.3
-80°	114.9	115.8	114.6	116.5	114.6	115.8	114.9	111.9	106.7	98.4	94.3
-82.5°	70.7	71.1	69.9	71.7	69.9	71.1	70.7	69.4	66.2	60.9	57.9
-85°	31.0	29.7	29.7	29.9	29.7	29.7	31.0	30.7	28.5	29.1	25.2
-87.5°	13.6	13.4	13.5	13.4	13.5	13.4	13.6	15.0	13.3	13.5	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



REPORT NUMBER: P902065 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	21.7	21.4	17.8	17.4	15.5	15.2	13.3	13.0	12.5	12.3	11.7
85°	44.9	42.1	37.3	33.1	28.5	26.9	23.7	22.7	22.0	20.3	19.6
82.5°	84.4	78.9	72.4	65.7	60.0	57.0	50.8	46.3	43.7	39.3	36.7
80°	128.9	123.0	114.2	107.3	102.9	101.6	92.2	83.6	78.1	70.9	64.7
77.5°	164.3	160.9	153.0	148.8	148.6	147.5	130.7	118.1	111.7	103.4	95.4
75°	195.6	194.4	189.0	190.0	203.2	203.3	177.7	158.7	147.6	134.6	123.7
72.5°	237.9	235.8	237.8	248.7	268.9	259.9	221.1	198.0	182.3	164.3	151.7
70°	285.5	287.1	312.4	341.5	362.2	333.1	271.7	237.2	214.7	192.1	177.3
67.5°	347.4	352.5	397.8	438.8	462.8	411.6	320.8	272.1	245.9	222.8	208.8
65°	404.0	448.6	534.2	548.0	549.2	473.4	356.7	302.4	276.9	259.1	245.2
62.5°	561.7	571.6	666.6	651.7	617.0	511.6	383.6	337.5	316.7	295.0	281.8
60°	852.7	725.8	744.5	700.9	639.8	521.3	406.2	376.8	371.9	360.8	332.5
57.5°	1121.8	872.5	810.7	704.2	604.0	519.2	444.6	432.0	435.4	425.6	400.6
55°	1372.5	1104.4	943.0	777.8	635.6	608.6	527.9	525.0	534.7	516.8	462.8
52.5°	1538.6	1381.4	1232.0	1125.2	999.1	989.6	843.7	811.4	699.5	658.7	594.9
50°	1810.2	1813.2	1822.1	1877.1	1859.9	1995.3	1837.5	1686.8	1310.5	951.8	800.2
47.5°	3192.6	3497.6	3516.1	3876.9	4066.9	4421.7	4152.0	3826.4	3037.5	1750.6	1332.6
45°	8481.1	9112.1	9123.8	9911.8	9637.5	9545.6	8946.3	7712.3	6278.6	4121.4	2249.7
42.5°	21731.7	21709.8	21194.8	22462.1	20425.1	17716.1	15689.1	13629.0	10805.4	7599.0	4408.2
40°	45231.7	44531.0	40042.5	42900.5	36606.4	28332.8	23047.4	19592.7	16179.2	11795.3	7030.5
37.5°	97417.8	91539.3	81974.9	78652.5	64452.5	43191.4	31124.0	24389.6	20488.0	15937.4	10086.1
35°	154238.8	143509.5	135718.4	123396.8	104080.4	71991.0	42196.8	29175.0	23461.7	19117.2	13573.1
32.5°	180640.9	169908.4	161651.4	152926.9	137495.1	106471.1	62430.9	33979.7	25330.6	20980.8	15963.9
30°	182157.2	173236.3	165848.8	161482.1	153896.3	131254.5	88480.5	46087.9	27525.5	21451.7	17442.6
27.5°	169390.1	162858.0	157118.8	153959.5	153071.5	143439.3	109607.6	62038.9	32962.1	22421.2	17708.8
25°	150859.4	146746.1	142908.0	140463.1	141001.9	140312.6	124931.0	79254.4	38649.9	23421.7	17605.9
22.5°	133078.8	130810.5	128774.6	127041.2	128023.2	129688.2	122653.6	92717.2	51763.2	27898.6	18373.5
20°	117857.8	116786.6	116220.4	115033.5	116066.9	118865.7	118573.1	101928.9	61435.8	31821.3	19255.9
17.5°	105084.2	104814.3	105120.5	104862.4	105554.4	108331.1	109806.9	101044.4	71681.7	39233.5	21457.9
15°	94539.7	94772.2	95534.5	95856.4	96634.0	99045.0	101644.0	99785.1	78973.3	45668.1	24454.8
12.5°	85586.1	86056.2	87093.1	87811.5	88471.0	90601.0	93112.6	92679.0	80271.2	50647.1	27083.3
10°	77786.1	78468.3	79547.2	80513.7	81204.8	82882.6	85203.7	85805.0	78149.6	55008.7	29879.0
7.5°	70949.5	71646.8	72810.9	73915.8	74566.8	75890.9	77804.2	78940.7	74660.1	57108.1	33166.4
5°	64932.9	65649.0	66778.1	67890.0	68384.9	69442.5	70952.3	72006.9	69981.6	57178.2	35510.7
2.5°	59706.5	60340.3	61387.5	62412.6	62699.4	63542.5	64650.7	65400.4	64525.9	55514.3	36894.7
0°	54985.9	55546.6	56445.8	57259.0	57439.7	58057.2	58715.7	59207.6	58619.2	52341.5	37215.2
-2.5°	50797.7	51297.0	52026.4	52594.3	52676.3	52988.8	53297.1	53549.2	52876.0	48372.3	36578.7
-5°	47117.8	47526.2	48086.9	48433.4	48316.1	48262.9	48245.4	48296.3	47568.8	44296.2	35159.6
-7.5°	43828.5	44055.0	44432.6	44529.9	44222.2	43971.3	43718.4	43487.6	42802.6	40390.8	33264.7
-10°	40523.1	40592.6	40812.5	40741.9	40369.1	39979.0	39626.4	39218.1	38677.6	36879.6	31239.8
-12.5°	37645.2	37666.1	37884.8	37645.9	37262.5	36840.4	36369.7	35983.5	35519.7	34044.3	28968.4
-15°	35214.2	35241.5	35258.3	34883.2	34402.6	33910.8	33373.8	32848.6	32293.9	30470.6	25664.8
-17.5°	30333.1	30312.7	30362.3	29839.9	29469.0	29011.7	28521.9	28000.1	27237.1	25746.2	21209.9
-20°	24988.4	25136.3	25145.0	24839.6	24552.2	24177.3	23702.8	23063.0	22239.3	20883.1	16476.9



REPORT NUMBER: P902065 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NMB-LTM

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	21572.5	21747.1	21725.9	21492.8	21251.2	20776.6	20038.6	19244.0	18354.6	16322.0	12111.3
-25°	18826.3	18987.3	18936.3	18748.5	18444.1	17755.5	16791.0	15995.0	14874.3	12324.4	8473.6
-27.5°	15639.3	15776.4	15712.8	15561.0	14977.0	14122.9	13303.5	12366.0	10883.1	8587.4	5960.1
-30°	12123.5	12213.6	12119.7	11820.4	11233.7	10529.0	9796.0	8881.0	7546.5	5810.6	4179.1
-32.5°	8807.0	8825.9	8636.4	8361.4	7933.2	7399.6	6799.9	6077.9	5196.4	4074.7	3139.3
-35°	6058.0	6102.2	5885.3	5733.4	5481.7	5157.8	4798.4	4369.3	3662.0	2825.2	2173.9
-37.5°	4119.1	4147.8	3991.0	3925.6	3794.2	3610.5	3433.8	3026.9	2424.5	1772.4	1428.0
-40°	2854.9	2850.3	2713.4	2661.1	2588.7	2527.2	2305.0	1925.0	1420.3	1091.5	979.6
-42.5°	2128.7	2068.4	1917.3	1846.0	1781.3	1650.5	1430.8	1115.7	905.2	767.7	724.0
-45°	1753.0	1628.4	1471.4	1329.4	1197.3	1045.5	881.2	734.1	673.7	601.2	577.2
-47.5°	1396.2	1213.3	1025.4	881.5	753.1	691.7	622.6	586.2	558.3	521.1	497.5
-50°	986.1	809.8	674.2	601.2	535.3	519.4	495.7	484.2	474.3	453.8	429.3
-52.5°	711.9	612.7	545.1	504.6	473.4	454.2	434.5	423.0	410.7	401.6	385.4
-55°	603.1	557.9	518.9	481.4	448.9	425.1	405.2	387.3	373.6	362.4	350.6
-57.5°	543.6	516.5	493.8	465.2	432.6	403.3	381.2	358.9	343.2	330.2	320.5
-60°	498.0	470.8	454.9	433.2	404.9	375.4	350.9	328.5	311.7	299.7	290.0
-62.5°	459.4	423.8	408.5	389.5	366.7	339.0	313.9	292.9	278.5	267.7	256.3
-65°	413.9	378.3	359.6	340.2	322.7	299.6	275.8	255.9	243.4	232.0	219.7
-67.5°	358.3	329.5	309.2	290.0	275.3	257.7	237.2	218.6	206.4	194.5	183.0
-70°	299.0	276.6	258.4	242.2	227.3	211.4	194.7	180.4	169.9	160.6	151.6
-72.5°	235.0	218.7	205.3	192.8	180.6	168.0	156.2	146.5	138.4	131.0	125.6
-75°	177.2	166.9	159.0	150.2	141.4	132.8	124.2	117.1	109.8	102.3	97.6
-77.5°	130.2	122.5	116.6	110.9	104.9	99.1	92.1	86.0	81.6	76.6	74.5
-80°	84.4	82.0	78.6	75.3	73.5	71.4	66.5	61.8	59.2	54.5	52.1
-82.5°	50.6	48.8	46.6	43.8	43.3	41.4	38.1	35.4	35.3	33.0	31.5
-85°	22.8	22.1	21.3	20.5	21.0	19.8	18.9	18.1	18.7	18.2	18.2
-87.5°	11.4	11.3	11.1	11.0	10.8	10.6	10.4	10.1	9.7	9.3	10.4
-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: P902065 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NMB-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°	9.7	9.3	13.2	15.7	18.6	21.0	22.8	20.8	18.9	15.6	13.2
85°	18.2	17.9	26.5	30.7	36.7	41.6	44.9	41.4	37.7	31.2	26.3
82.5°	33.6	32.1	42.0	46.9	54.6	61.5	65.0	60.9	54.7	45.6	38.9
80°	58.1	54.3	61.6	69.2	79.3	86.5	87.8	81.2	71.3	59.2	50.3
77.5°	88.2	83.5	87.4	97.7	108.0	113.9	113.3	105.2	91.0	73.9	61.6
75°	116.6	110.3	113.4	128.0	140.8	146.5	142.9	130.1	111.3	91.7	75.3
72.5°	144.0	137.6	142.6	159.1	173.8	178.6	173.9	158.0	134.2	109.2	90.0
70°	170.0	164.9	177.5	198.7	211.3	210.1	203.2	184.8	158.3	130.3	104.4
67.5°	198.8	192.3	212.8	239.8	254.6	248.1	233.7	209.7	181.4	151.4	121.7
65°	232.4	229.2	256.5	281.7	295.7	286.2	268.5	235.6	203.5	171.1	138.8
62.5°	271.1	279.8	311.4	335.9	336.5	319.9	300.6	264.9	226.5	188.9	155.3
60°	309.7	336.4	380.6	399.0	386.6	358.7	328.1	293.4	253.2	205.6	169.7
57.5°	381.1	404.6	455.4	471.1	446.3	404.9	360.4	319.6	279.4	228.5	183.5
55°	471.5	520.5	545.5	541.2	512.5	459.2	401.2	346.0	303.1	252.4	196.7
52.5°	583.6	632.1	661.1	620.6	573.4	517.4	446.6	384.2	325.9	275.7	216.4
50°	790.6	781.0	762.9	722.9	638.0	572.4	500.6	421.2	351.5	296.2	236.4
47.5°	1154.1	994.7	878.6	814.4	720.6	626.6	553.7	464.4	383.2	316.7	255.7
45°	1763.4	1355.0	1038.1	893.4	794.5	689.8	603.7	508.8	414.0	336.2	273.5
42.5°	2656.3	1848.4	1260.7	994.4	858.8	751.1	648.7	550.4	448.1	361.1	290.1
40°	4343.2	2572.8	1454.8	1077.7	919.9	804.9	693.8	587.6	483.2	384.8	305.9
37.5°	5994.6	3403.3	1863.8	1204.5	980.1	850.4	735.8	622.1	514.8	407.0	320.7
35°	7708.7	4191.1	2254.2	1307.2	1036.9	892.0	775.3	655.6	543.1	429.4	336.7
32.5°	9843.7	5281.4	2857.0	1601.4	1114.8	936.1	812.0	689.5	567.8	451.4	351.2
30°	11999.8	6254.5	3349.5	1812.0	1175.2	980.7	849.3	723.8	586.7	470.3	363.0
27.5°	13038.7	7711.6	4009.9	2131.4	1306.2	1030.7	892.1	756.6	602.7	486.1	373.3
25°	13660.8	8850.2	4549.1	2417.3	1434.1	1089.4	935.3	785.6	622.6	499.6	382.1
22.5°	13781.6	9487.9	5057.5	2590.4	1526.9	1137.9	969.1	814.2	643.9	510.5	391.8
20°	13765.8	9854.5	5654.9	2904.2	1649.3	1172.1	999.5	836.5	662.2	519.4	401.5
17.5°	13928.2	10079.8	5976.6	3088.9	1776.6	1230.6	1020.8	855.1	678.5	526.6	409.3
15°	14792.6	10154.8	6097.5	3189.5	1857.1	1271.2	1039.2	872.7	693.2	531.6	416.2
12.5°	15697.0	10272.4	6244.2	3263.4	1903.1	1296.7	1058.0	888.2	705.3	535.8	422.5
10°	16651.0	10497.7	6340.3	3400.8	1924.9	1312.2	1073.5	901.8	717.4	538.7	427.0
7.5°	17793.0	10817.6	6451.2	3458.8	1964.7	1314.6	1084.8	913.8	727.0	539.7	430.2
5°	19391.8	11207.7	6540.9	3468.8	1983.2	1306.1	1091.7	921.5	732.9	542.2	433.7
2.5°	20647.7	11620.3	6612.3	3450.6	1981.5	1290.8	1085.7	920.7	734.7	544.1	435.6
0°	21559.4	11989.2	6648.9	3424.3	1959.9	1269.9	1075.1	916.2	733.0	544.3	435.9
-2.5°	22142.8	12333.9	6644.7	3390.4	1923.6	1246.3	1056.2	903.8	728.2	546.7	436.3
-5°	22195.1	12440.5	6479.3	3289.2	1851.6	1218.8	1034.7	888.4	720.3	547.4	435.0
-7.5°	21736.7	12203.8	6133.1	3118.1	1742.9	1189.8	1015.8	873.8	711.4	546.4	432.1
-10°	20999.8	11529.4	5597.2	2867.7	1613.6	1158.5	994.6	857.5	701.3	544.4	427.8
-12.5°	19480.7	10317.9	4855.5	2546.3	1520.0	1125.4	973.5	840.1	689.5	540.2	421.5
-15°	16856.6	8438.5	3936.1	2284.3	1416.1	1088.7	949.7	821.2	677.5	534.5	413.3
-17.5°	13256.8	6371.0	3380.2	2013.6	1308.5	1048.6	922.2	799.9	664.2	527.4	403.0
-20°	9919.3	5022.7	2821.9	1734.7	1198.7	1004.7	893.1	777.3	649.5	517.3	390.4



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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°	7057.7	3806.4	2306.7	1456.7	1113.2	967.2	862.4	754.3	633.6	504.5	375.4
-25°	4904.4	2976.7	1935.4	1324.9	1060.1	931.0	831.2	729.2	617.1	489.7	360.7
-27.5°	3807.0	2458.5	1624.7	1191.4	1001.8	892.2	799.0	703.8	595.8	471.1	348.2
-30°	2937.4	1975.8	1338.6	1070.7	945.9	853.1	766.0	675.9	571.3	449.1	334.1
-32.5°	2355.6	1618.8	1180.5	997.5	896.8	814.8	732.9	646.3	544.9	424.4	318.5
-35°	1807.0	1272.3	1020.7	924.7	847.0	774.9	699.0	615.9	515.6	398.3	301.9
-37.5°	1273.8	1067.5	934.3	867.7	803.9	735.9	663.8	582.6	485.0	374.7	288.2
-40°	954.5	884.1	843.0	808.7	762.0	698.2	628.1	548.7	453.9	355.2	277.8
-42.5°	741.7	765.0	771.4	753.3	715.7	660.3	592.0	515.7	423.2	334.4	266.5
-45°	615.5	664.9	693.2	692.5	668.7	621.6	555.3	481.1	395.1	312.5	254.3
-47.5°	519.5	574.1	622.9	634.4	620.9	579.2	518.1	446.2	369.5	295.9	239.1
-50°	440.6	496.6	552.9	573.4	567.3	534.5	479.2	412.6	342.9	277.8	221.6
-52.5°	389.8	430.3	482.3	514.1	513.6	490.5	439.6	380.4	317.4	258.1	202.9
-55°	344.1	371.0	417.8	457.3	460.9	443.5	399.8	346.5	292.1	235.2	183.7
-57.5°	304.4	320.1	359.6	398.0	407.6	394.5	360.2	315.1	265.1	210.3	169.3
-60°	274.9	276.7	305.8	340.9	357.1	347.2	321.1	282.9	235.8	185.6	154.5
-62.5°	241.9	234.3	255.1	288.0	308.8	301.2	281.2	248.7	205.3	168.6	139.3
-65°	206.5	193.5	210.1	239.6	262.2	255.9	239.4	211.6	181.4	150.9	122.0
-67.5°	173.4	161.1	173.0	197.3	214.5	211.3	197.3	181.6	158.7	131.1	104.1
-70°	144.8	135.8	141.1	157.5	169.8	169.7	166.9	154.9	134.4	109.9	86.6
-72.5°	119.6	111.1	110.4	120.2	134.5	141.0	139.3	127.0	108.8	88.7	73.2
-75°	92.8	87.6	86.3	95.4	106.8	111.9	109.3	98.1	85.4	72.7	59.6
-77.5°	72.8	68.1	65.3	70.8	78.7	82.1	81.8	75.2	66.7	56.3	47.7
-80°	50.4	46.9	43.6	47.8	55.4	59.5	60.6	54.6	49.3	44.4	39.2
-82.5°	31.4	30.6	28.7	31.0	36.4	40.5	43.2	40.9	38.0	34.4	30.7
-85°	19.1	19.3	18.6	20.2	24.8	28.3	29.8	29.0	26.5	23.7	20.9
-87.5°	11.3	10.7	10.1	10.5	12.7	14.6	15.1	14.7	13.2	11.8	10.4
-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°	10.9	7.9	6.0	4.5	3.0	1.4	0.0
85°	21.7	15.7	12.0	9.0	6.0	2.9	0.0
82.5°	32.3	23.5	18.0	13.5	9.1	4.3	0.0
80°	41.7	31.0	23.9	18.0	12.0	5.7	0.0
77.5°	50.8	37.9	29.6	22.4	15.0	7.1	0.0
75°	59.6	44.6	34.8	26.8	17.9	8.5	0.0
72.5°	70.5	51.2	40.0	30.8	20.8	9.8	0.0
70°	82.0	59.2	45.1	34.7	23.6	11.2	0.0
67.5°	93.1	68.6	50.1	38.5	26.3	12.5	0.0
65°	105.4	77.9	56.4	42.2	28.8	13.8	0.0
62.5°	119.1	86.8	63.6	45.8	31.1	15.1	0.0
60°	132.5	96.8	70.6	49.3	33.3	16.4	0.0
57.5°	145.4	108.2	77.4	52.8	35.5	17.6	0.0
55°	157.0	119.2	83.9	57.4	37.6	18.8	0.0
52.5°	168.5	129.9	90.5	61.9	39.6	20.0	0.0
50°	179.4	139.9	98.2	66.2	41.6	21.1	0.0
47.5°	190.8	148.3	105.5	70.4	43.5	22.2	0.0
45°	207.2	156.3	112.4	74.3	45.3	23.2	0.0
42.5°	222.8	164.0	118.9	78.0	47.0	24.2	0.0
40°	237.3	171.2	124.9	81.5	48.6	25.2	0.0
37.5°	250.0	178.1	130.5	84.7	50.1	26.1	0.0
35°	260.7	186.2	135.4	88.5	52.0	26.8	0.0
32.5°	269.6	194.4	139.5	92.2	53.9	27.6	0.0
30°	277.3	201.7	143.1	95.6	55.7	28.2	0.0
27.5°	284.1	208.3	146.7	98.7	57.4	28.8	0.0
25°	290.3	214.0	150.1	101.6	58.9	29.4	0.0
22.5°	295.5	219.5	153.2	104.1	60.2	29.9	0.0
20°	300.6	225.7	156.0	106.3	61.4	30.3	0.0
17.5°	307.1	231.2	158.4	108.3	62.4	30.7	0.0
15°	313.2	235.8	160.6	110.0	63.3	31.1	0.0
12.5°	318.1	239.4	162.2	111.4	64.0	31.4	0.0
10°	321.8	242.0	163.3	112.5	64.6	31.6	0.0
7.5°	325.2	243.8	164.0	113.4	65.0	31.8	0.0
5°	327.8	244.9	164.3	113.9	65.3	31.9	0.0
2.5°	329.4	245.3	164.3	114.1	65.4	32.0	0.0
0°	329.9	245.0	163.8	114.0	65.3	32.0	0.0
-2.5°	329.4	244.6	163.9	113.8	65.2	32.0	0.0
-5°	327.8	243.5	163.7	113.4	65.0	31.9	0.0
-7.5°	325.0	241.6	163.1	112.6	64.6	31.8	0.0
-10°	321.0	239.0	162.0	111.6	64.1	31.6	0.0
-12.5°	315.6	235.9	160.6	110.2	63.4	31.4	0.0
-15°	309.0	232.3	158.8	108.5	62.5	31.1	0.0
-17.5°	301.3	227.9	156.6	106.6	61.5	30.7	0.0
-20°	292.1	222.6	154.0	104.3	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°	283.3	216.6	151.0	102.0	59.0	29.9	0.0
-25°	274.8	209.6	147.7	99.4	57.6	29.4	0.0
-27.5°	265.8	201.9	144.0	96.5	56.0	28.8	0.0
-30°	256.7	193.6	140.0	93.3	54.3	28.3	0.0
-32.5°	248.5	184.8	135.6	89.8	52.5	27.6	0.0
-35°	239.6	175.6	130.9	86.1	50.6	26.9	0.0
-37.5°	229.7	167.4	125.8	82.4	48.8	26.2	0.0
-40°	218.1	161.3	120.0	79.2	47.3	25.3	0.0
-42.5°	206.4	154.7	113.9	75.7	45.7	24.3	0.0
-45°	194.2	147.6	107.3	71.9	44.0	23.3	0.0
-47.5°	181.2	140.1	100.4	68.0	42.3	22.3	0.0
-50°	171.0	132.1	93.3	63.9	40.4	21.2	0.0
-52.5°	160.7	122.5	85.7	59.7	38.5	20.1	0.0
-55°	149.5	112.5	79.5	55.3	36.4	18.9	0.0
-57.5°	137.3	102.0	73.4	50.7	34.3	17.7	0.0
-60°	123.6	91.1	67.1	47.4	32.1	16.5	0.0
-62.5°	109.4	81.5	60.5	44.1	29.9	15.2	0.0
-65°	94.9	73.0	53.8	40.8	27.6	13.9	0.0
-67.5°	82.1	64.3	48.1	37.4	25.1	12.6	0.0
-70°	70.9	55.3	43.6	34.0	22.4	11.3	0.0
-72.5°	59.6	47.9	39.0	30.6	19.7	9.9	0.0
-75°	49.2	41.9	34.4	26.9	16.9	8.5	0.0
-77.5°	41.9	35.8	29.7	22.6	14.2	7.1	0.0
-80°	34.5	29.6	24.2	18.1	11.4	5.7	0.0
-82.5°	26.9	22.5	18.2	13.6	8.5	4.3	0.0
-85°	18.0	15.0	12.1	9.1	5.7	2.9	0.0
-87.5°	9.0	7.5	6.1	4.6	2.9	1.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)