

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: P902093 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-AV-03-1360S-57-85-A55-NB-LTM**

Issue Date: 11/13/2024

**Test Information**

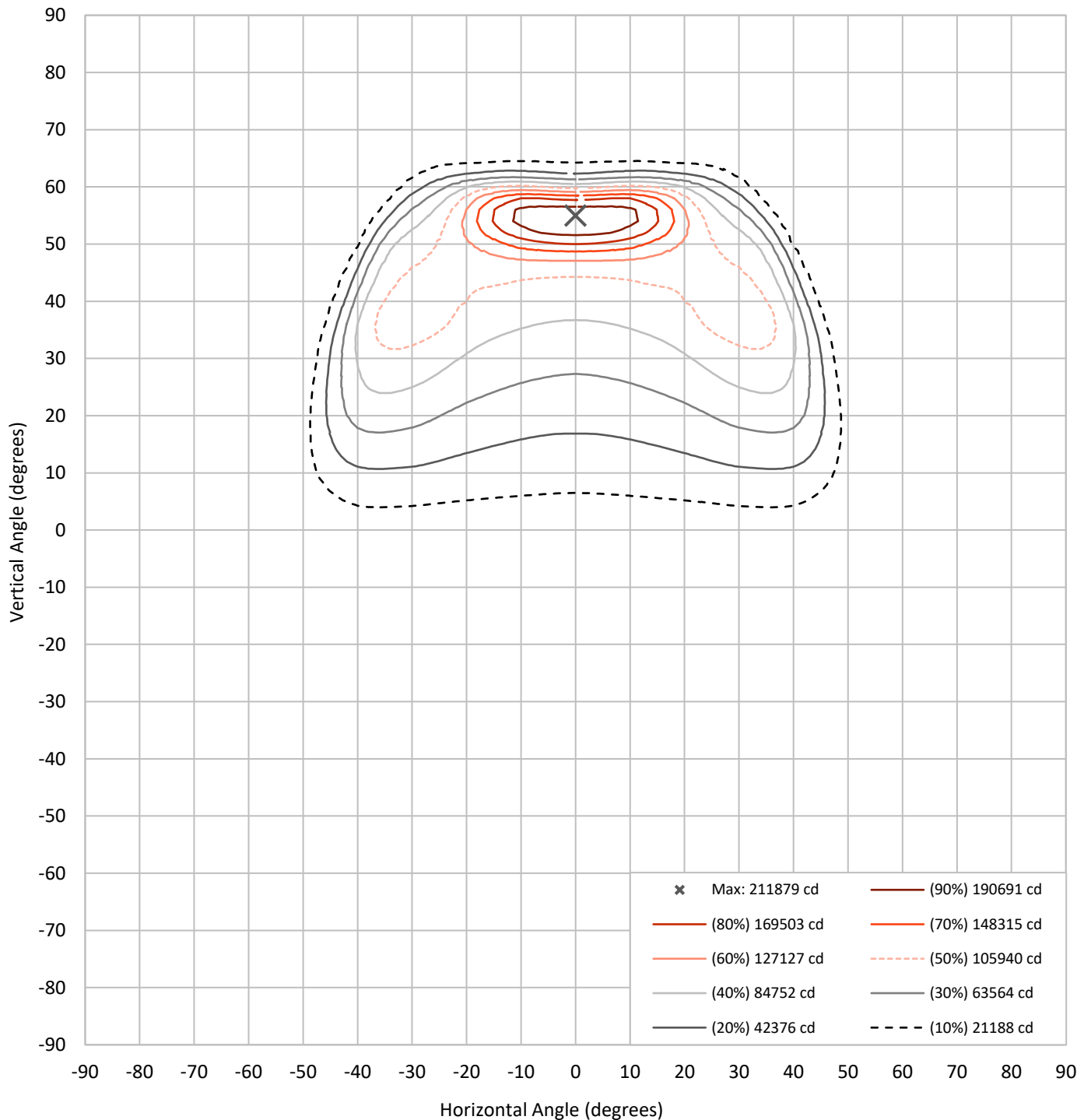
Test Method: LM-79-08  
Report Number: P902093 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA ( LVM20477U1)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/13/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-AV-03-1360S-57-85-A55-NB-LTM  
Description: ARENAVISION LUMINAIRE  
5700K, 85 CRI LEDS AND A55-NB-LTM OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	120917.3 lumens	Max Intensity:	211879 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 55°V
Efficacy:	85.6 lumens/watt		
Luminous Opening:	Rectangular (W 2m x L: 2m x H: 0m)		
Beam Angle (50%):	47°H x 15.3°V	Field Angle (10%):	73.2°H x 57.7°V
Beam Lumens:	43667.4 lumens	Field Lumens:	110833.4 lumens
Beam Efficiency:	36.1%	Field Efficiency:	91.7%
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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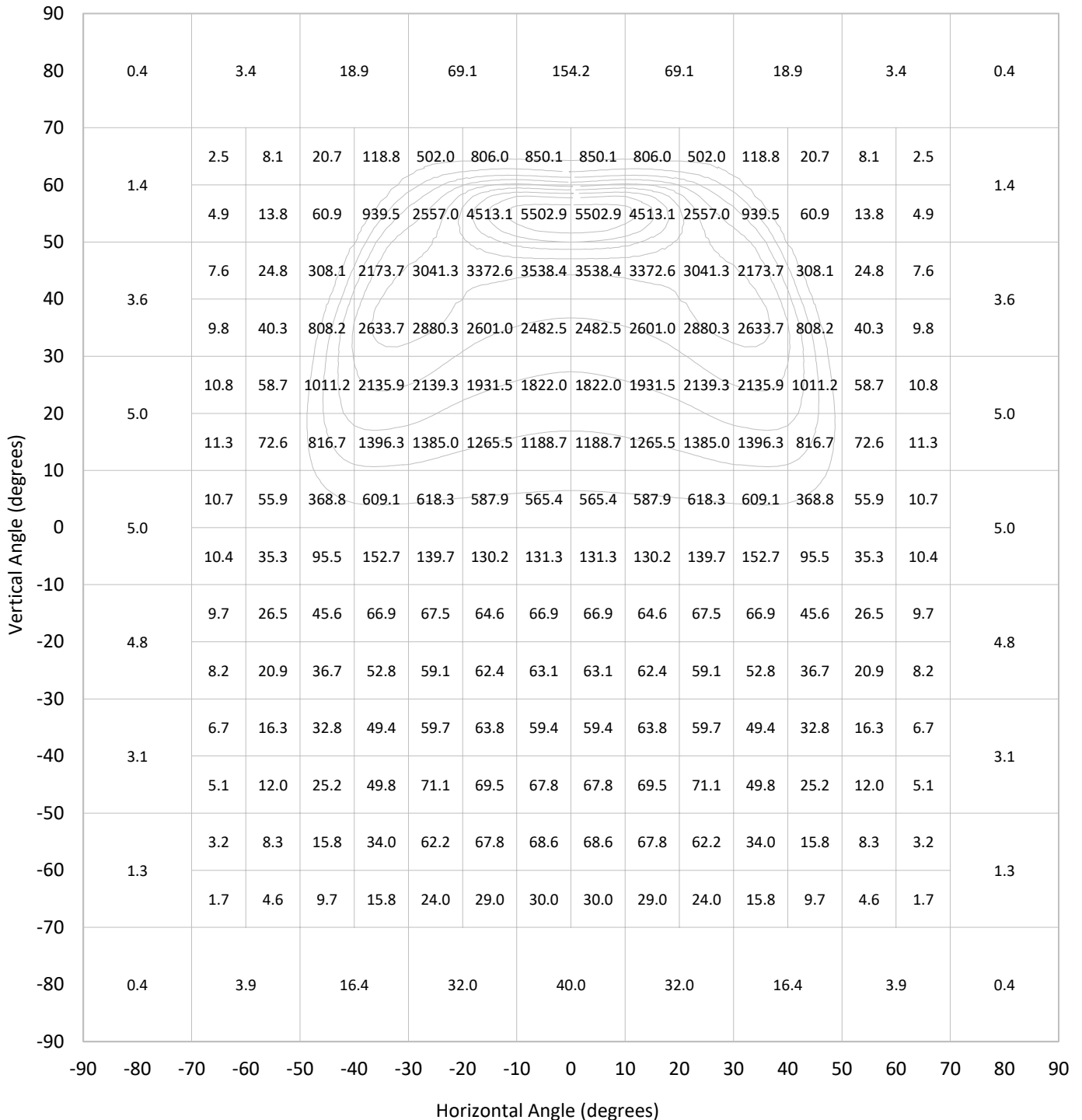
### Iso-Candela Plot





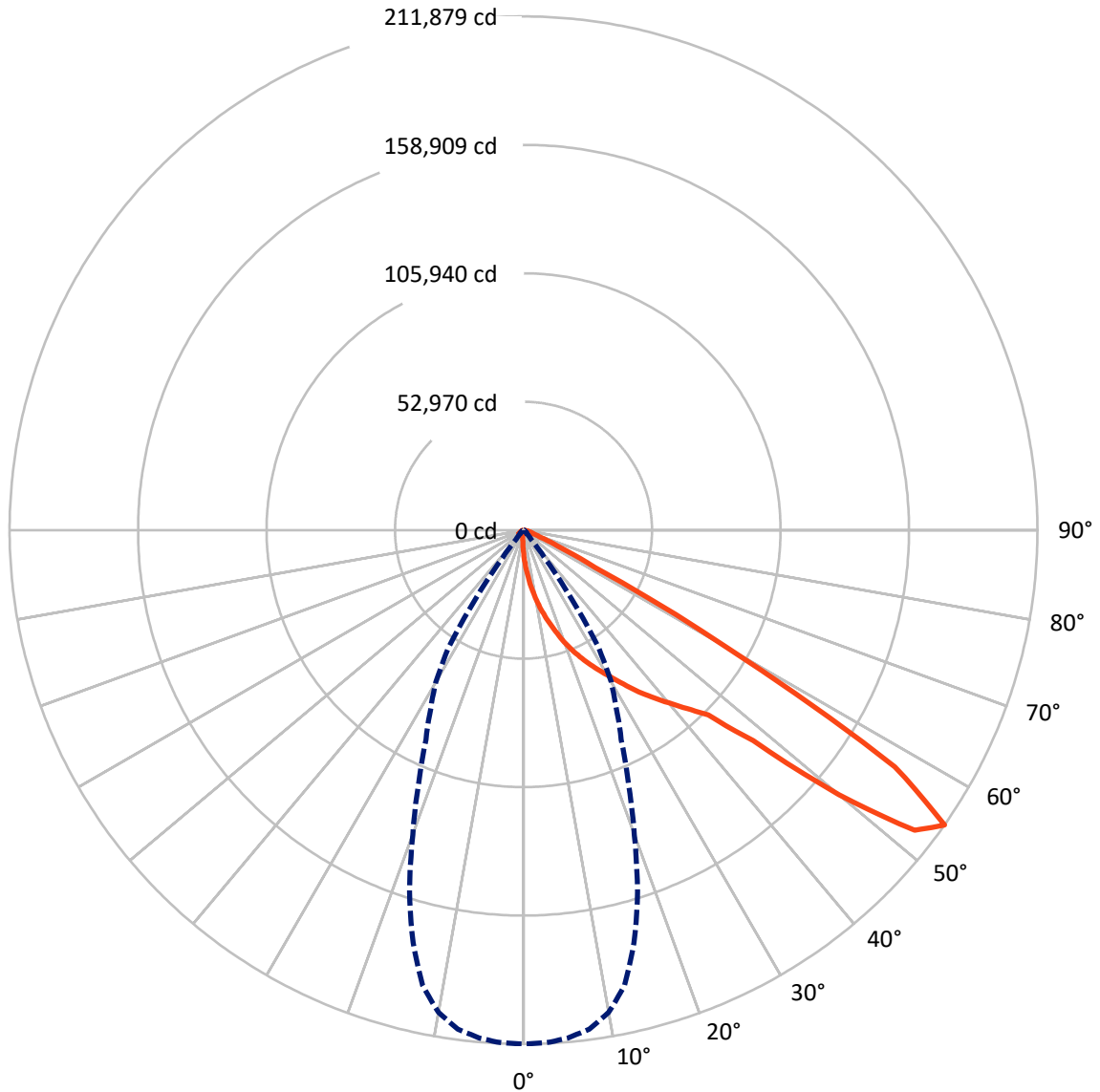
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### Lumen Table



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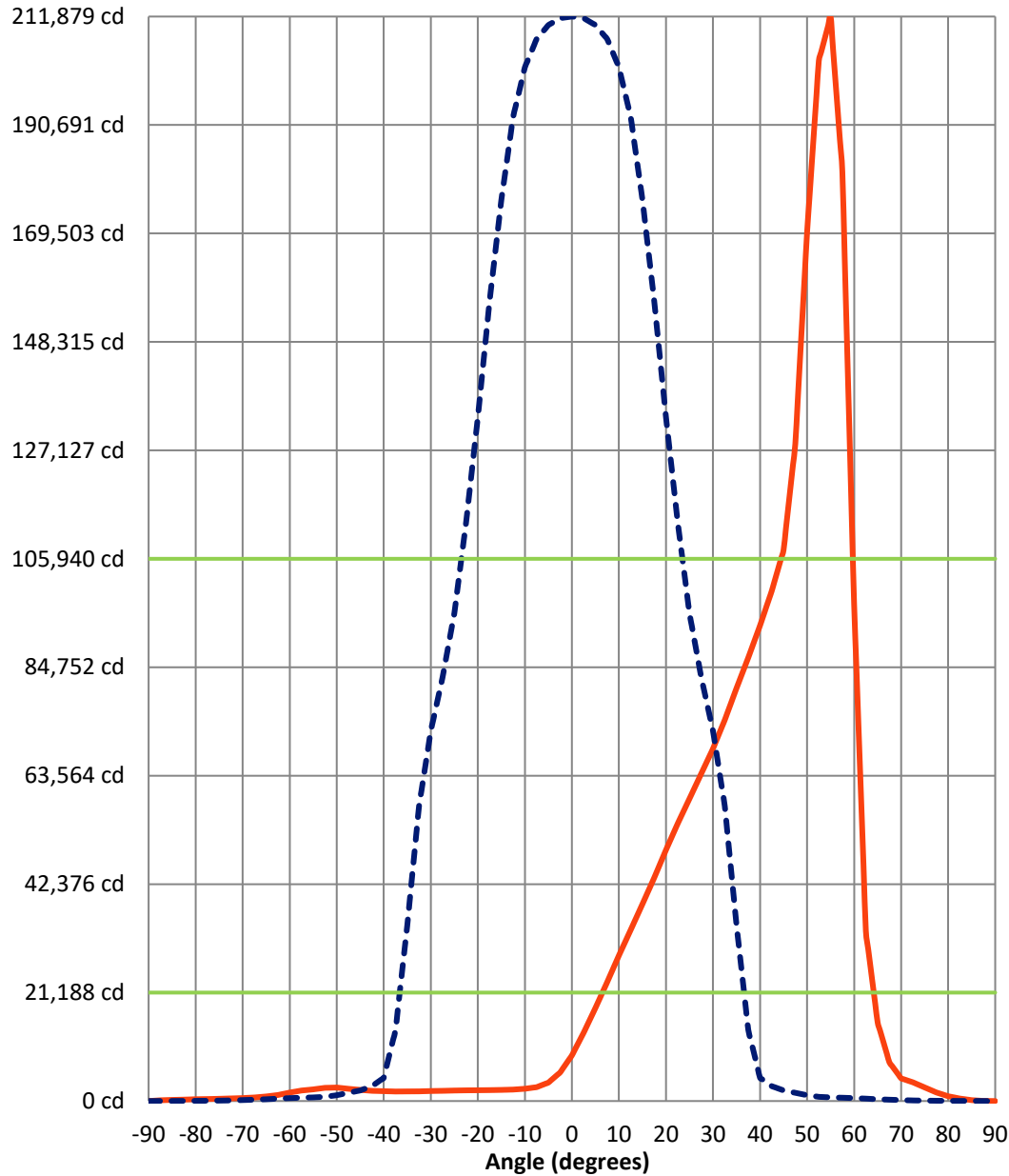
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 55-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 47°  
 V Angle: 15.3°  
 Lumens: 43667.4  
 Efficiency: 36.1%

**Field:**  
 H Angle: 73.2°  
 V Angle: 57.7°  
 Lumens: 110833.4  
 Efficiency: 91.7%

**Spill:**  
 Lumens: 10083.9  
 Efficiency: 8.3%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 55-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	1.0	2.0	3.0	3.9	4.9	5.9	6.8	7.8	8.7	9.6
85°	0.0	2.0	4.0	5.9	7.9	9.8	11.8	13.7	15.5	17.4	18.3
82.5°	0.0	3.0	5.9	8.9	11.8	14.7	17.6	18.7	19.3	19.8	19.4
80°	0.0	3.9	7.9	11.8	15.7	18.4	19.1	20.1	21.0	21.5	22.7
77.5°	0.0	4.9	9.8	14.7	18.4	18.9	20.0	21.6	26.1	33.1	34.8
75°	0.0	5.9	11.8	17.6	18.8	19.4	20.9	28.9	39.5	47.2	50.8
72.5°	0.0	6.8	13.7	18.6	19.3	19.9	26.4	39.3	52.6	64.1	75.0
70°	0.0	7.8	15.5	19.1	19.9	22.4	33.1	49.1	64.4	81.8	102.3
67.5°	0.0	8.7	17.4	19.6	20.4	27.0	39.3	56.7	74.3	103.5	136.4
65°	0.0	9.6	18.3	20.0	23.0	31.6	46.3	64.4	87.5	129.3	170.2
62.5°	0.0	10.5	18.5	20.4	27.5	36.0	54.8	72.6	107.8	155.7	210.0
60°	0.0	11.4	18.7	20.8	32.2	42.1	63.6	89.6	127.7	187.1	251.2
57.5°	0.0	12.2	18.9	21.3	37.1	50.1	72.7	105.7	157.6	219.3	299.7
55°	0.0	13.0	19.1	24.1	42.2	57.9	84.2	120.4	189.0	265.6	350.2
52.5°	0.0	13.8	19.2	26.6	47.4	65.4	95.4	145.3	219.7	313.7	419.2
50°	0.0	14.6	19.4	28.8	52.2	72.2	106.3	170.5	262.0	367.4	488.2
47.5°	0.0	15.4	19.6	30.7	55.7	80.3	118.4	194.4	304.0	436.8	544.9
45°	0.0	16.1	19.7	32.2	57.3	87.9	139.2	222.6	342.7	508.2	590.3
42.5°	0.0	16.8	19.9	33.4	58.7	95.1	158.9	254.5	398.1	562.1	628.6
40°	0.0	17.4	20.0	35.0	59.7	101.7	176.1	282.4	447.2	598.9	664.5
37.5°	0.0	18.0	20.2	36.7	60.4	107.7	189.4	306.3	489.9	621.9	701.3
35°	0.0	18.2	21.0	38.4	62.7	115.4	202.7	330.5	509.3	641.3	737.0
32.5°	0.0	18.3	22.0	40.0	65.4	123.0	214.7	351.5	515.3	652.5	744.2
30°	0.0	18.4	23.0	41.5	67.7	129.6	224.0	369.0	516.7	645.8	746.3
27.5°	0.0	18.4	23.9	42.8	71.6	135.1	233.7	384.1	519.8	637.3	743.1
25°	0.0	18.5	24.7	44.1	75.3	139.6	243.4	396.8	523.6	628.9	741.0
22.5°	0.0	18.5	25.5	45.3	78.7	143.7	252.1	407.9	522.4	627.6	736.1
20°	0.0	18.5	26.1	46.3	81.7	148.2	261.1	412.7	521.1	624.1	733.0
17.5°	0.0	18.6	26.7	47.2	84.2	151.5	269.3	415.3	519.7	621.2	729.0
15°	0.0	18.6	27.2	48.0	86.4	154.6	274.6	415.6	516.7	620.8	734.1
12.5°	0.0	18.6	27.7	48.7	86.7	157.4	278.1	413.8	511.9	619.5	741.9
10°	0.0	18.7	28.1	49.3	85.8	158.7	279.8	410.1	505.5	616.6	734.4
7.5°	0.0	18.7	28.3	49.7	84.4	158.9	280.7	404.8	497.4	610.9	722.6
5°	0.0	18.7	28.5	50.0	82.5	158.1	279.5	398.8	495.1	603.2	708.7
2.5°	0.0	18.7	28.7	50.2	80.3	156.5	276.2	391.7	494.0	594.5	698.4
0°	0.0	18.7	28.7	50.3	77.7	153.8	271.0	383.4	491.5	584.0	685.7
-2.5°	0.0	18.7	29.4	53.0	84.5	162.3	276.9	387.1	497.2	601.3	704.8
-5°	0.0	18.7	30.1	55.7	90.9	169.7	281.6	389.2	501.2	616.7	721.6
-7.5°	0.0	18.7	30.6	58.1	96.9	176.0	285.6	389.7	503.3	627.8	734.1
-10°	0.0	18.7	30.9	60.4	102.5	181.2	287.5	389.5	503.6	635.0	743.1
-12.5°	0.0	18.7	31.2	62.4	107.4	182.2	283.1	388.0	502.0	637.0	738.1
-15°	0.0	18.7	31.2	64.1	110.6	178.9	276.9	384.7	496.7	618.9	725.2
-17.5°	0.0	18.7	31.1	65.6	109.9	176.2	268.5	378.7	487.1	600.6	705.4
-20°	0.0	18.7	30.8	66.2	108.6	173.7	256.7	370.6	475.7	578.9	678.0



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	18.6	30.2	65.0	106.8	170.5	243.2	361.6	458.0	552.9	649.6
-25°	0.0	18.6	29.5	63.5	104.2	164.9	231.0	347.3	434.7	524.6	621.1
-27.5°	0.0	18.5	28.5	61.8	101.1	158.0	219.2	322.7	411.8	501.6	590.4
-30°	0.0	18.4	27.2	60.0	97.0	150.6	208.4	298.2	390.7	479.3	563.8
-32.5°	0.0	18.4	25.5	57.9	90.6	142.6	199.2	273.9	372.1	455.7	535.6
-35°	0.0	18.3	23.6	55.6	83.5	134.1	189.3	250.3	352.4	430.7	503.3
-37.5°	0.0	18.0	22.1	52.9	76.8	125.1	178.7	230.7	328.3	406.6	476.6
-40°	0.0	17.4	21.9	49.8	72.5	115.6	167.4	214.9	298.1	381.8	451.1
-42.5°	0.0	16.8	21.6	46.4	68.3	105.5	153.7	196.4	265.0	355.8	424.3
-45°	0.0	16.1	21.3	42.8	64.4	95.1	138.1	175.4	229.4	321.3	394.4
-47.5°	0.0	15.4	21.0	39.0	60.7	84.1	122.1	156.6	205.1	273.7	363.1
-50°	0.0	14.6	20.6	35.0	57.4	72.8	107.9	140.4	179.0	222.1	325.7
-52.5°	0.0	13.8	20.3	31.0	54.1	68.6	95.1	124.5	154.0	193.1	273.9
-55°	0.0	13.0	19.9	26.8	49.0	64.4	83.3	109.3	137.1	170.2	220.1
-57.5°	0.0	12.2	19.6	22.5	43.3	60.0	72.7	97.2	121.2	146.6	189.8
-60°	0.0	11.4	19.2	21.7	37.5	55.5	67.3	84.9	106.4	131.2	160.6
-62.5°	0.0	10.5	18.8	21.1	31.5	49.3	61.8	72.6	94.1	116.3	144.2
-65°	0.0	9.6	18.4	20.5	25.5	41.7	56.1	66.0	83.2	106.9	130.6
-67.5°	0.0	8.7	17.4	19.9	21.8	33.9	48.5	59.3	74.3	96.5	114.1
-70°	0.0	7.8	15.5	19.3	21.0	26.0	39.0	51.9	64.4	84.1	96.5
-72.5°	0.0	6.8	13.7	18.7	20.2	21.7	29.4	40.7	52.6	72.2	83.5
-75°	0.0	5.9	11.8	17.6	19.4	20.6	21.9	29.4	39.5	58.9	72.6
-77.5°	0.0	4.9	9.8	14.7	18.5	19.6	20.6	21.7	26.1	40.0	52.6
-80°	0.0	3.9	7.9	11.8	15.7	18.5	19.4	20.2	21.0	23.5	29.0
-82.5°	0.0	3.0	5.9	8.9	11.8	14.7	17.6	18.7	19.3	20.8	21.7
-85°	0.0	2.0	4.0	5.9	7.9	9.8	11.8	13.7	15.5	17.4	18.5
-87.5°	0.0	1.0	2.0	3.0	3.9	4.9	5.9	6.8	7.8	8.7	9.6
-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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 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB-LTM

**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°	10.5	11.4	12.2	13.0	13.8	14.6	15.4	16.1	16.8	0.2	0.0
85°	18.5	18.7	18.9	19.1	19.2	19.4	19.6	19.7	19.9	17.5	33.5
82.5°	19.7	19.9	20.4	22.9	24.8	27.1	29.8	32.0	32.8	34.8	57.9
80°	26.5	29.3	32.5	35.8	37.8	40.9	49.8	56.5	54.1	52.3	90.9
77.5°	38.5	43.1	50.1	57.9	57.8	56.1	82.1	96.0	97.1	102.7	172.3
75°	62.8	67.8	72.7	99.2	110.8	122.1	142.8	167.9	187.6	207.4	295.9
72.5°	90.5	114.9	144.5	170.0	196.7	229.6	264.9	294.9	345.1	409.4	529.7
70°	139.5	177.8	222.7	273.7	314.4	363.3	414.1	470.2	560.3	776.1	1000.0
67.5°	187.8	247.6	304.8	376.6	439.5	511.6	576.1	671.1	789.2	1196.4	1572.8
65°	239.8	315.6	381.5	473.8	553.5	649.0	718.0	838.5	1073.9	1625.8	2281.5
62.5°	288.5	374.0	460.1	561.0	644.4	718.1	819.4	1014.9	1334.2	2132.8	3278.9
60°	338.1	440.0	548.1	624.2	685.2	778.3	964.6	1314.9	1877.9	2722.0	4002.2
57.5°	396.6	520.1	605.5	663.2	730.6	850.9	1294.7	1723.2	2278.2	3260.1	5913.4
55°	473.3	575.6	649.8	711.1	825.6	1137.0	1609.7	2075.7	2906.7	4548.5	13915.4
52.5°	538.1	616.9	688.0	788.4	993.8	1429.5	1929.7	2561.9	4062.3	8906.7	28070.7
50°	582.5	662.6	739.1	913.7	1273.6	1737.9	2287.5	3253.4	5975.5	18545.0	45815.0
47.5°	629.4	712.9	815.8	1127.8	1549.4	2014.9	2739.7	4404.0	10185.2	32633.1	63286.3
45°	676.7	762.5	919.1	1350.5	1739.6	2289.1	3213.8	5387.3	18940.6	46304.1	76456.3
42.5°	715.5	802.2	1073.2	1525.7	1951.5	2592.1	3717.0	9696.2	29625.0	59655.3	85588.5
40°	744.3	885.6	1221.4	1730.7	2184.0	2987.0	5036.1	15446.2	40399.7	71297.5	94335.9
37.5°	778.0	991.3	1480.7	1904.0	2469.3	3540.8	7241.9	22325.0	52985.9	81285.7	101509.0
35°	825.6	1104.7	1722.2	2013.1	2705.2	4069.8	10572.4	32501.3	62085.6	87380.2	104539.6
32.5°	871.3	1268.7	1756.2	2143.3	2962.3	5285.2	15505.1	39363.2	66965.3	88611.6	102065.8
30°	883.8	1340.0	1807.1	2206.2	3041.3	5667.4	19013.2	44268.5	68337.0	86096.6	96667.6
27.5°	897.0	1363.4	1864.8	2282.9	3301.9	7754.0	23071.4	46765.4	68214.9	83445.8	91936.7
25°	935.9	1418.0	1917.2	2378.2	3477.4	8655.0	26512.1	48985.4	67891.7	80674.3	86797.5
22.5°	971.4	1449.9	1936.3	2457.4	3782.5	10377.0	28513.4	48808.3	65043.7	75365.2	80013.2
20°	988.0	1492.9	1979.1	2594.7	4184.0	12284.9	29538.8	47629.2	61808.7	69864.0	73017.2
17.5°	1011.6	1508.2	2015.9	2661.4	4266.1	12708.8	29408.1	44710.7	56182.3	62615.5	65132.7
15°	1046.3	1522.8	2028.0	2689.6	4194.2	12800.8	27396.7	40416.0	49882.1	55121.5	57146.2
12.5°	1043.1	1518.9	1995.9	2687.9	4641.4	12330.4	24489.8	35377.0	43165.6	47156.1	48651.9
10°	1022.1	1512.7	1956.1	2670.9	4546.3	11133.1	20887.3	29448.8	35467.8	38914.8	40205.3
7.5°	991.0	1490.2	1910.5	2560.1	4178.6	9360.2	16824.5	23151.8	27901.4	30749.6	31779.2
5°	939.6	1445.5	1849.1	2425.1	3694.9	7352.4	12596.1	17061.8	20762.6	23108.4	23977.2
2.5°	919.3	1431.8	1794.2	2283.6	3216.0	5474.9	8823.5	11770.3	14545.4	16538.9	17244.5
0°	895.0	1419.8	1745.5	2150.0	2797.2	4037.0	5906.9	7738.3	9669.8	11285.9	11888.6
-2.5°	903.4	1373.4	1694.5	2051.0	2532.1	3236.2	4233.4	5281.7	6625.6	7877.8	8334.3
-5°	906.2	1317.8	1629.6	1943.3	2302.1	2717.1	3239.3	3807.4	4659.4	5478.0	5813.9
-7.5°	897.2	1257.2	1551.0	1832.7	2119.0	2385.0	2677.5	2986.4	3438.8	3912.4	4093.3
-10°	888.3	1186.3	1447.5	1740.3	1981.6	2156.4	2333.9	2518.5	2763.7	3009.1	3172.8
-12.5°	874.0	1113.3	1354.0	1635.2	1848.2	1980.6	2111.7	2243.2	2392.3	2573.3	2758.2
-15°	854.2	1046.6	1297.9	1523.4	1732.2	1882.6	1963.7	2065.7	2175.9	2332.4	2569.6
-17.5°	819.1	975.4	1228.1	1405.0	1608.5	1756.5	1832.0	1915.5	2013.3	2162.4	2406.1
-20°	785.1	913.8	1173.1	1315.2	1503.9	1651.0	1714.3	1811.8	1870.3	2042.4	2265.3



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 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB-LTM

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	751.3	875.9	1099.8	1256.0	1415.2	1570.8	1632.2	1744.5	1835.6	1948.6	2075.2
-25°	716.1	832.6	1012.3	1198.8	1342.8	1510.7	1605.8	1686.9	1786.5	1873.6	1939.3
-27.5°	685.2	780.2	943.5	1132.7	1290.7	1430.6	1576.5	1682.2	1742.3	1836.0	1888.0
-30°	656.0	738.0	877.1	1062.1	1240.1	1375.1	1494.4	1656.2	1730.7	1828.9	1871.1
-32.5°	624.0	706.4	817.5	982.5	1159.7	1300.7	1424.9	1579.9	1701.0	1818.1	1850.6
-35°	589.2	675.1	754.8	897.8	1074.0	1237.4	1368.4	1530.0	1667.4	1796.9	1886.0
-37.5°	554.4	635.3	718.5	830.3	979.6	1160.1	1292.8	1472.7	1650.5	1786.0	1901.0
-40°	520.1	592.4	685.5	765.0	886.6	1067.9	1208.7	1354.6	1540.8	1748.1	1850.1
-42.5°	488.0	556.4	644.5	724.0	819.2	938.7	1142.6	1270.6	1437.4	1619.5	1801.3
-45°	457.2	521.2	600.5	678.7	756.4	848.7	985.3	1172.6	1326.6	1527.0	1713.5
-47.5°	425.1	482.1	554.1	625.8	699.1	770.0	865.8	1007.3	1226.2	1406.4	1617.1
-50°	390.0	445.9	506.6	572.2	637.4	705.5	778.3	877.8	1028.1	1238.1	1490.0
-52.5°	353.3	407.9	464.7	525.4	573.8	638.3	707.0	783.5	885.8	1022.2	1273.6
-55°	302.2	367.1	418.4	474.6	516.9	575.7	640.2	718.3	790.1	885.3	1045.4
-57.5°	244.3	318.5	372.5	419.2	463.9	518.4	572.9	641.6	711.3	798.8	903.6
-60°	204.9	259.1	319.9	369.3	414.1	461.4	513.2	576.7	636.2	716.0	799.8
-62.5°	175.7	213.3	255.8	309.9	366.4	406.9	457.7	512.0	561.7	633.1	692.9
-65°	152.5	175.4	213.1	238.1	296.2	347.3	399.5	447.7	503.3	555.0	581.1
-67.5°	131.4	151.2	180.0	203.8	233.1	269.5	325.5	374.6	440.8	485.4	489.2
-70°	114.0	128.5	150.8	173.5	196.7	226.1	257.3	287.3	350.2	403.7	428.3
-72.5°	98.9	115.0	128.6	145.4	165.6	190.1	214.7	239.4	274.6	311.5	348.0
-75°	83.7	97.9	109.1	123.5	140.6	155.9	176.4	196.4	219.6	254.2	289.7
-77.5°	65.9	76.2	92.6	103.9	117.2	127.3	140.6	158.6	173.9	212.9	249.1
-80°	45.1	55.3	71.1	81.6	90.2	96.8	112.3	125.1	132.6	168.8	214.7
-82.5°	30.2	36.2	41.6	48.2	54.6	60.7	74.0	83.6	90.7	133.5	166.0
-85°	20.8	23.4	26.1	28.2	30.2	32.2	36.7	42.4	43.2	91.8	125.8
-87.5°	10.5	11.4	12.2	13.0	13.8	14.6	20.0	32.0	33.5	69.3	90.0
-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):**

	-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°	0.9	1.9	3.0	4.0	4.8	5.6	6.4	7.4	8.0	8.5	9.4
85°	38.2	38.2	42.9	45.8	47.9	49.8	51.5	60.3	62.2	63.7	74.0
82.5°	77.7	78.6	93.0	106.3	113.1	118.6	123.7	144.5	149.4	162.0	185.4
80°	132.9	167.6	197.6	221.7	237.9	249.0	277.5	303.7	337.3	364.8	444.3
77.5°	249.4	311.2	377.4	409.6	432.6	458.2	502.2	561.8	675.4	767.9	935.5
75°	427.6	524.8	613.7	679.3	742.5	814.6	909.4	1112.8	1398.4	1591.7	1817.6
72.5°	724.8	868.7	987.4	1095.8	1167.6	1241.8	1377.7	1610.1	1911.5	2247.2	2694.9
70°	1158.9	1409.7	1703.8	1976.1	2155.4	2222.8	2164.1	2163.6	2336.0	2806.7	3482.5
67.5°	1870.3	2511.4	3065.5	3413.9	4134.8	4607.6	4568.9	4435.4	4532.5	4911.7	5678.0
65°	3254.5	5007.1	7272.2	9319.6	11741.5	12818.8	12719.7	12468.5	12917.5	13846.6	14265.6
62.5°	5238.4	9093.8	14964.6	22024.9	29318.0	34330.1	36598.9	37480.4	40743.6	41544.2	40153.1
60°	7395.8	18122.2	31557.0	44389.6	56900.9	70023.4	83434.3	95425.2	104518.3	109833.2	111332.8
57.5°	14807.0	36039.5	53531.5	67045.8	81053.3	98397.3	118800.2	140974.6	159867.7	173877.9	184026.5
55°	34380.8	57626.1	72293.4	82792.1	95289.7	113055.8	133588.5	156301.5	176057.0	192247.6	201953.6
52.5°	56125.7	75401.9	85717.7	93342.0	102803.7	116057.0	131844.0	148488.1	164520.0	177797.1	188690.4
50°	74670.8	88872.8	95511.5	100896.0	107369.8	114799.7	123665.3	131748.5	140313.4	149207.8	156944.5
47.5°	86455.8	97823.7	103323.6	106628.6	110008.3	113534.8	117002.7	120159.9	122842.6	125539.1	127161.6
45°	94666.4	103776.0	107721.4	109382.4	110482.4	111003.7	110789.3	110863.5	110864.8	110147.6	109288.0
42.5°	101003.9	108605.6	111277.3	111707.5	111223.1	109945.1	108040.3	106229.2	105631.1	104650.5	102881.1
40°	107830.9	114140.5	116121.3	115454.5	114129.3	109289.7	105931.1	102426.2	99965.9	97953.9	96249.4
37.5°	113260.3	118962.9	118867.6	116984.2	114361.2	106621.5	100130.5	96272.3	93626.3	91689.4	89963.5
35°	113756.8	116194.3	114836.6	111703.0	107268.4	101175.4	94159.0	90489.8	87877.0	85969.0	84251.4
32.5°	107971.2	108967.5	106730.3	103301.3	99061.3	94002.0	88622.5	84976.0	82513.5	80406.8	78479.3
30°	101055.0	101217.3	98799.1	95577.3	91334.4	86661.5	82646.3	79482.5	76957.5	74638.1	72673.5
27.5°	94891.0	94329.8	92031.3	89020.8	84729.8	80239.9	76680.4	73774.0	71247.8	69008.7	67306.8
25°	88385.9	87245.5	84848.5	81992.4	77876.7	73692.4	70491.7	67784.0	65541.4	63634.2	62072.4
22.5°	80942.6	79603.4	77449.6	74625.8	70869.1	67164.1	64115.3	61818.5	59765.6	58026.0	56711.6
20°	73255.9	71739.8	69898.6	67277.8	63791.0	60548.6	58038.5	55796.4	53994.2	52492.1	51290.3
17.5°	65077.0	63793.2	62335.7	60078.5	56904.1	54264.3	52083.2	50087.5	48457.7	47103.3	45910.9
15°	56937.2	55839.6	54652.5	52771.8	50287.4	48069.0	46137.2	44450.8	43006.4	41755.3	40568.9
12.5°	48519.8	47727.6	46968.5	45453.6	43458.5	41611.8	40066.5	38676.4	37444.2	36318.0	35359.5
10°	40119.1	39504.4	38988.1	37896.6	36369.6	34928.5	33745.4	32636.2	31632.1	30805.4	30023.5
7.5°	31764.8	31437.4	31028.7	30214.4	28984.3	27987.1	27218.2	26400.3	25672.2	25083.7	24536.3
5°	23972.7	23659.1	23344.7	22644.6	21842.9	21162.9	20625.2	20111.0	19666.4	19291.5	18977.1
2.5°	17243.5	16888.0	16534.7	16095.8	15412.9	14934.5	14575.6	14293.3	14053.6	13860.1	13714.5
0°	11769.3	11383.0	11035.1	10654.9	10105.7	9753.5	9556.6	9391.9	9231.1	9093.2	8974.1
-2.5°	8191.1	7740.9	7253.6	6858.0	6437.7	6169.1	5975.6	5765.8	5599.8	5480.7	5411.3
-5°	5623.2	5162.5	4735.9	4406.0	4171.2	4013.4	3830.5	3636.9	3493.6	3446.8	3435.3
-7.5°	4002.7	3671.3	3323.4	3200.9	3133.5	3006.4	2830.4	2731.2	2676.7	2670.0	2673.3
-10°	3178.6	2996.6	2785.3	2750.9	2726.9	2613.9	2487.0	2426.6	2423.4	2411.0	2426.4
-12.5°	2822.9	2839.6	2713.5	2679.6	2573.8	2401.6	2306.3	2287.1	2253.8	2252.7	2262.4
-15°	2694.6	2819.4	2818.4	2647.5	2378.5	2215.2	2166.9	2162.9	2154.5	2164.3	2170.8
-17.5°	2595.2	2734.1	2844.7	2608.7	2252.3	2106.5	2089.8	2102.8	2091.5	2110.3	2129.1
-20°	2412.6	2577.9	2714.9	2516.9	2181.8	2036.1	2057.0	2049.9	2071.8	2105.5	2120.4



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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°	2185.4	2374.8	2503.4	2338.5	2090.5	2004.9	2042.2	2059.0	2092.1	2111.5	2118.8
-25°	2016.0	2183.3	2345.9	2201.6	2028.0	1997.0	2059.8	2098.2	2121.0	2132.0	2137.1
-27.5°	1930.8	2094.1	2289.2	2175.5	2024.4	2028.0	2118.3	2157.4	2171.5	2164.5	2146.2
-30°	1903.7	2042.0	2211.6	2141.6	2028.3	2053.5	2168.9	2215.2	2200.6	2202.7	2151.5
-32.5°	1908.1	2008.8	2167.5	2125.9	2029.2	2044.2	2174.5	2215.7	2211.4	2200.9	2131.4
-35°	1911.5	2023.3	2177.4	2164.2	2046.0	2062.3	2146.9	2220.8	2207.8	2155.8	2080.8
-37.5°	1996.4	2134.8	2289.2	2318.0	2187.0	2136.4	2201.4	2205.2	2152.9	2129.7	2058.3
-40°	1991.5	2227.9	2499.2	2519.1	2358.7	2256.2	2205.7	2157.7	2128.4	2084.8	2024.3
-42.5°	1990.9	2279.7	2595.3	2598.3	2459.7	2377.3	2268.6	2190.7	2146.5	2080.4	2057.2
-45°	1966.2	2311.0	2583.3	2636.6	2614.7	2514.7	2460.4	2367.2	2311.9	2256.1	2211.5
-47.5°	1906.9	2264.9	2565.1	2707.5	2738.1	2733.9	2683.5	2617.8	2565.1	2504.5	2463.9
-50°	1816.4	2179.7	2550.1	2752.7	2841.9	2868.7	2835.0	2784.3	2714.1	2689.1	2671.1
-52.5°	1608.0	1916.7	2339.9	2621.3	2762.7	2833.7	2777.8	2737.6	2684.0	2623.6	2597.2
-55°	1268.0	1565.9	1862.6	2171.2	2393.5	2515.4	2509.2	2444.7	2374.1	2316.1	2290.6
-57.5°	1043.4	1276.9	1573.5	1786.6	1911.6	1954.9	1970.1	1985.0	1992.2	1999.4	2011.6
-60°	915.1	1026.1	1186.7	1400.7	1546.0	1606.0	1622.5	1603.6	1596.3	1617.1	1632.8
-62.5°	758.0	812.4	875.2	1011.9	1136.2	1190.8	1205.0	1223.1	1271.1	1292.2	1284.3
-65°	593.5	616.3	645.8	735.2	818.0	864.1	879.7	902.6	916.9	918.7	915.1
-67.5°	495.2	501.6	508.1	546.1	601.9	649.1	673.9	684.6	692.3	693.0	696.3
-70°	427.0	430.2	443.6	471.8	499.7	526.3	545.5	552.0	557.0	565.0	573.3
-72.5°	363.2	364.5	383.9	405.6	419.8	439.4	454.4	463.0	474.8	485.4	504.3
-75°	306.7	307.3	323.0	340.5	352.1	370.1	383.6	394.1	415.2	429.4	439.0
-77.5°	255.9	254.5	268.2	284.1	297.0	313.8	324.4	343.1	359.0	371.1	374.9
-80°	222.0	220.8	229.1	242.2	254.7	271.8	279.8	301.6	315.6	321.6	324.8
-82.5°	175.6	173.9	189.8	198.4	213.2	224.2	230.9	250.9	254.6	266.0	275.7
-85°	130.6	131.6	149.9	153.8	164.6	172.6	185.0	203.0	209.5	214.6	225.0
-87.5°	91.9	93.0	95.4	96.8	99.2	101.6	105.6	114.6	127.8	130.6	146.7
-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):**

	-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°	15.0	21.4	24.4	24.5	24.4	21.4	15.0	9.4	8.5	8.0	7.4
85°	111.0	154.1	176.6	177.4	176.6	154.1	111.0	74.0	63.7	62.2	60.3
82.5°	285.6	405.4	478.8	487.5	478.8	405.4	285.6	185.4	162.0	149.4	144.5
80°	602.6	758.0	883.5	942.5	883.5	758.0	602.6	444.3	364.8	337.3	303.7
77.5°	1142.8	1342.6	1542.3	1676.8	1542.3	1342.6	1142.8	935.5	767.9	675.4	561.8
75°	2004.3	2197.1	2473.1	2663.3	2473.1	2197.1	2004.3	1817.6	1591.7	1398.4	1112.8
72.5°	3015.8	3253.7	3532.8	3657.1	3532.8	3253.7	3015.8	2694.9	2247.2	1911.5	1610.1
70°	4026.2	4271.0	4462.6	4434.3	4462.6	4271.0	4026.2	3482.5	2806.7	2336.0	2163.6
67.5°	6459.7	7075.1	7453.6	7566.1	7453.6	7075.1	6459.7	5678.0	4911.7	4532.5	4435.4
65°	14709.1	15162.5	15337.5	15375.5	15337.5	15162.5	14709.1	14265.6	13846.6	12917.5	12468.5
62.5°	38118.8	35831.8	33976.0	33244.8	33976.0	35831.8	38118.8	40153.1	41544.2	40743.6	37480.4
60°	108988.0	103936.8	99292.7	97185.9	99292.7	103936.8	108988.0	111332.8	109833.2	104518.3	95425.2
57.5°	185887.6	184147.2	182378.8	181543.7	182378.8	184147.2	185887.6	184026.5	173877.9	159867.7	140974.6
55°	207484.6	210207.2	211561.0	211879.0	211561.0	210207.2	207484.6	201953.6	192247.6	176057.0	156301.5
52.5°	195985.1	200214.5	202525.6	203229.6	202525.6	200214.5	195985.1	188690.4	177797.1	164520.0	148488.1
50°	162792.0	166427.2	168949.1	169686.4	168949.1	166427.2	162792.0	156944.5	149207.8	140313.4	131748.5
47.5°	127768.3	128348.8	128470.0	128398.0	128470.0	128348.8	127768.3	127161.6	125539.1	122842.6	120159.9
45°	109061.8	108499.5	107787.3	107652.6	107787.3	108499.5	109061.8	109288.0	110147.6	110864.8	110863.5
42.5°	101459.2	100451.8	99785.6	99690.3	99785.6	100451.8	101459.2	102881.1	104650.5	105631.1	106229.2
40°	94822.1	93760.0	93034.0	92908.2	93034.0	93760.0	94822.1	96249.4	97953.9	99965.9	102426.2
37.5°	88515.2	87462.7	86762.7	86635.7	86762.7	87462.7	88515.2	89963.5	91689.4	93626.3	96272.3
35°	82763.3	81603.6	80827.6	80663.6	80827.6	81603.6	82763.3	84251.4	85969.0	87877.0	90489.8
32.5°	76816.4	75519.0	74667.0	74456.4	74667.0	75519.0	76816.4	78479.3	80406.8	82513.5	84976.0
30°	71085.2	69885.6	69094.2	68851.9	69094.2	69885.6	71085.2	72673.5	74638.1	76957.5	79482.5
27.5°	65946.1	64961.4	64244.9	63966.4	64244.9	64961.4	65946.1	67306.8	69008.7	71247.8	73774.0
25°	60862.0	59965.6	59293.2	59076.5	59293.2	59965.6	60862.0	62072.4	63634.2	65541.4	67784.0
22.5°	55689.2	54910.4	54393.1	54217.1	54393.1	54910.4	55689.2	56711.6	58026.0	59765.6	61818.5
20°	50287.6	49567.5	49169.9	49057.1	49169.9	49567.5	50287.6	51290.3	52492.1	53994.2	55796.4
17.5°	44837.6	44061.6	43660.6	43622.3	43660.6	44061.6	44837.6	45910.9	47103.3	48457.7	50087.5
15°	39608.6	38875.2	38464.7	38486.7	38464.7	38875.2	39608.6	40568.9	41755.3	43006.4	44450.8
12.5°	34511.8	33841.8	33455.4	33441.8	33455.4	33841.8	34511.8	35359.5	36318.0	37444.2	38676.4
10°	29357.6	28813.2	28491.2	28451.3	28491.2	28813.2	29357.6	30023.5	30805.4	31632.1	32636.2
7.5°	24037.6	23633.4	23317.1	23235.3	23317.1	23633.4	24037.6	24536.3	25083.7	25672.2	26400.3
5°	18679.8	18415.6	18251.3	18184.1	18251.3	18415.6	18679.8	18977.1	19291.5	19666.4	20111.0
2.5°	13557.7	13455.5	13392.7	13357.4	13392.7	13455.5	13557.7	13714.5	13860.1	14053.6	14293.3
0°	8913.2	8895.5	8912.8	8919.5	8912.8	8895.5	8913.2	8974.1	9093.2	9231.1	9391.9
-2.5°	5378.3	5430.1	5512.8	5591.5	5512.8	5430.1	5378.3	5411.3	5480.7	5599.8	5765.8
-5°	3443.2	3509.3	3548.7	3607.1	3548.7	3509.3	3443.2	3435.3	3446.8	3493.6	3636.9
-7.5°	2682.2	2712.3	2692.9	2713.8	2692.9	2712.3	2682.2	2673.3	2670.0	2676.7	2731.2
-10°	2420.9	2424.8	2429.2	2402.8	2429.2	2424.8	2420.9	2426.4	2411.0	2423.4	2426.6
-12.5°	2251.5	2262.0	2259.3	2240.1	2259.3	2262.0	2251.5	2262.4	2252.7	2253.8	2287.1
-15°	2181.6	2173.4	2179.9	2176.4	2179.9	2173.4	2181.6	2170.8	2164.3	2154.5	2162.9
-17.5°	2141.8	2126.3	2126.8	2136.3	2126.8	2126.3	2141.8	2129.1	2110.3	2091.5	2102.8
-20°	2123.8	2110.7	2110.9	2111.5	2110.9	2110.7	2123.8	2120.4	2105.5	2071.8	2049.9



REPORT NUMBER: P902093 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB-LTM

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2115.2	2114.2	2095.2	2092.6	2095.2	2114.2	2115.2	2118.8	2111.5	2092.1	2059.0
-25°	2117.3	2087.9	2059.1	2053.9	2059.1	2087.9	2117.3	2137.1	2132.0	2121.0	2098.2
-27.5°	2094.0	2046.7	2005.9	1996.3	2005.9	2046.7	2094.0	2146.2	2164.5	2171.5	2157.4
-30°	2082.5	2012.6	1980.6	1959.9	1980.6	2012.6	2082.5	2151.5	2202.7	2200.6	2215.2
-32.5°	2025.2	1956.0	1914.3	1893.1	1914.3	1956.0	2025.2	2131.4	2200.9	2211.4	2215.7
-35°	1972.7	1922.0	1887.6	1880.9	1887.6	1922.0	1972.7	2080.8	2155.8	2207.8	2220.8
-37.5°	1950.4	1922.7	1873.3	1864.3	1873.3	1922.7	1950.4	2058.3	2129.7	2152.9	2205.2
-40°	1956.7	1935.3	1930.9	1929.5	1930.9	1935.3	1956.7	2024.3	2084.8	2128.4	2157.7
-42.5°	2046.9	2023.3	2011.5	1996.2	2011.5	2023.3	2046.9	2057.2	2080.4	2146.5	2190.7
-45°	2192.3	2175.9	2168.2	2178.3	2168.2	2175.9	2192.3	2211.5	2256.1	2311.9	2367.2
-47.5°	2433.3	2436.3	2432.7	2393.7	2432.7	2436.3	2433.3	2463.9	2504.5	2565.1	2617.8
-50°	2649.6	2658.6	2657.1	2639.4	2657.1	2658.6	2649.6	2671.1	2689.1	2714.1	2784.3
-52.5°	2552.5	2562.9	2572.9	2579.7	2572.9	2562.9	2552.5	2597.2	2623.6	2684.0	2737.6
-55°	2283.5	2272.0	2279.3	2281.5	2279.3	2272.0	2283.5	2290.6	2316.1	2374.1	2444.7
-57.5°	2037.7	2047.6	2056.2	2055.9	2056.2	2047.6	2037.7	2011.6	1999.4	1992.2	1985.0
-60°	1662.1	1671.5	1659.4	1656.5	1659.4	1671.5	1662.1	1632.8	1617.1	1596.3	1603.6
-62.5°	1252.9	1216.5	1188.4	1183.2	1188.4	1216.5	1252.9	1284.3	1292.2	1271.1	1223.1
-65°	916.0	915.2	903.2	900.1	903.2	915.2	916.0	915.1	918.7	916.9	902.6
-67.5°	706.2	710.3	702.6	700.3	702.6	710.3	706.2	696.3	693.0	692.3	684.6
-70°	577.7	580.4	582.0	582.5	582.0	580.4	577.7	573.3	565.0	557.0	552.0
-72.5°	510.8	513.2	514.6	515.1	514.6	513.2	510.8	504.3	485.4	474.8	463.0
-75°	442.8	444.8	446.0	446.4	446.0	444.8	442.8	439.0	429.4	415.2	394.1
-77.5°	388.8	392.0	392.7	392.9	392.7	392.0	388.8	374.9	371.1	359.0	343.1
-80°	343.5	356.4	357.7	358.0	357.7	356.4	343.5	324.8	321.6	315.6	301.6
-82.5°	277.2	278.1	278.7	278.9	278.7	278.1	277.2	275.7	266.0	254.6	250.9
-85°	225.7	226.1	226.3	226.4	226.3	226.1	225.7	225.0	214.6	209.5	203.0
-87.5°	147.5	148.0	148.3	148.4	148.3	148.0	147.5	146.7	130.6	127.8	114.6
-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):**

	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°	6.4	5.6	4.8	4.0	3.0	1.9	0.9	0.0	0.2	16.8	16.1
85°	51.5	49.8	47.9	45.8	42.9	38.2	38.2	33.5	17.5	19.9	19.7
82.5°	123.7	118.6	113.1	106.3	93.0	78.6	77.7	57.9	34.8	32.8	32.0
80°	277.5	249.0	237.9	221.7	197.6	167.6	132.9	90.9	52.3	54.1	56.5
77.5°	502.2	458.2	432.6	409.6	377.4	311.2	249.4	172.3	102.7	97.1	96.0
75°	909.4	814.6	742.5	679.3	613.7	524.8	427.6	295.9	207.4	187.6	167.9
72.5°	1377.7	1241.8	1167.6	1095.8	987.4	868.7	724.8	529.7	409.4	345.1	294.9
70°	2164.1	2222.8	2155.4	1976.1	1703.8	1409.7	1158.9	1000.0	776.1	560.3	470.2
67.5°	4568.9	4607.6	4134.8	3413.9	3065.5	2511.4	1870.3	1572.8	1196.4	789.2	671.1
65°	12719.7	12818.8	11741.5	9319.6	7272.2	5007.1	3254.5	2281.5	1625.8	1073.9	838.5
62.5°	36598.9	34330.1	29318.0	22024.9	14964.6	9093.8	5238.4	3278.9	2132.8	1334.2	1014.9
60°	83434.3	70023.4	56900.9	44389.6	31557.0	18122.2	7395.8	4002.2	2722.0	1877.9	1314.9
57.5°	118800.2	98397.3	81053.3	67045.8	53531.5	36039.5	14807.0	5913.4	3260.1	2278.2	1723.2
55°	133588.5	113055.8	95289.7	82792.1	72293.4	57626.1	34380.8	13915.4	4548.5	2906.7	2075.7
52.5°	131844.0	116057.0	102803.7	93342.0	85717.7	75401.9	56125.7	28070.7	8906.7	4062.3	2561.9
50°	123665.3	114799.7	107369.8	100896.0	95511.5	88872.8	74670.8	45815.0	18545.0	5975.5	3253.4
47.5°	117002.7	113534.8	110008.3	106628.6	103323.6	97823.7	86455.8	63286.3	32633.1	10185.2	4404.0
45°	110789.3	111003.7	110482.4	109382.4	107721.4	103776.0	94666.4	76456.3	46304.1	18940.6	5387.3
42.5°	108040.3	109945.1	111223.1	111707.5	111277.3	108605.6	101003.9	85588.5	59655.3	29625.0	9696.2
40°	105931.1	109289.7	114129.3	115454.5	116121.3	114140.5	107830.9	94335.9	71297.5	40399.7	15446.2
37.5°	100130.5	106621.5	114361.2	116984.2	118867.6	118962.9	113260.3	101509.0	81285.7	52985.9	22325.0
35°	94159.0	101175.4	107268.4	111703.0	114836.6	116194.3	113756.8	104539.6	87380.2	62085.6	32501.3
32.5°	88622.5	94002.0	99061.3	103301.3	106730.3	108967.5	107971.2	102065.8	88611.6	66965.3	39363.2
30°	82646.3	86661.5	91334.4	95577.3	98799.1	101217.3	101055.0	96667.6	86096.6	68337.0	44268.5
27.5°	76680.4	80239.9	84729.8	89020.8	92031.3	94329.8	94891.0	91936.7	83445.8	68214.9	46765.4
25°	70491.7	73692.4	77876.7	81992.4	84848.5	87245.5	88385.9	86797.5	80674.3	67891.7	48985.4
22.5°	64115.3	67164.1	70869.1	74625.8	77449.6	79603.4	80942.6	80013.2	75365.2	65043.7	48808.3
20°	58038.5	60548.6	63791.0	67277.8	69898.6	71739.8	73255.9	73017.2	69864.0	61808.7	47629.2
17.5°	52083.2	54264.3	56904.1	60078.5	62335.7	63793.2	65077.0	65132.7	62615.5	56182.3	44710.7
15°	46137.2	48069.0	50287.4	52771.8	54652.5	55839.6	56937.2	57146.2	55121.5	49882.1	40416.0
12.5°	40066.5	41611.8	43458.5	45453.6	46968.5	47727.6	48519.8	48651.9	47156.1	43165.6	35377.0
10°	33745.4	34928.5	36369.6	37896.6	38988.1	39504.4	40119.1	40205.3	38914.8	35467.8	29448.8
7.5°	27218.2	27987.1	28984.3	30214.4	31028.7	31437.4	31764.8	31779.2	30749.6	27901.4	23151.8
5°	20625.2	21162.9	21842.9	22644.6	23344.7	23659.1	23972.7	23977.2	23108.4	20762.6	17061.8
2.5°	14575.6	14934.5	15412.9	16095.8	16534.7	16888.0	17243.5	17244.5	16538.9	14545.4	11770.3
0°	9556.6	9753.5	10105.7	10654.9	11035.1	11383.0	11769.3	11888.6	11285.9	9669.8	7738.3
-2.5°	5975.6	6169.1	6437.7	6858.0	7253.6	7740.9	8191.1	8334.3	7877.8	6625.6	5281.7
-5°	3830.5	4013.4	4171.2	4406.0	4735.9	5162.5	5623.2	5813.9	5478.0	4659.4	3807.4
-7.5°	2830.4	3006.4	3133.5	3200.9	3323.4	3671.3	4002.7	4093.3	3912.4	3438.8	2986.4
-10°	2487.0	2613.9	2726.9	2750.9	2785.3	2996.6	3178.6	3172.8	3009.1	2763.7	2518.5
-12.5°	2306.3	2401.6	2573.8	2679.6	2713.5	2839.6	2822.9	2758.2	2573.3	2392.3	2243.2
-15°	2166.9	2215.2	2378.5	2647.5	2818.4	2819.4	2694.6	2569.6	2332.4	2175.9	2065.7
-17.5°	2089.8	2106.5	2252.3	2608.7	2844.7	2734.1	2595.2	2406.1	2162.4	2013.3	1915.5
-20°	2057.0	2036.1	2181.8	2516.9	2714.9	2577.9	2412.6	2265.3	2042.4	1870.3	1811.8



REPORT NUMBER: P902093 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB-LTM

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2042.2	2004.9	2090.5	2338.5	2503.4	2374.8	2185.4	2075.2	1948.6	1835.6	1744.5
-25°	2059.8	1997.0	2028.0	2201.6	2345.9	2183.3	2016.0	1939.3	1873.6	1786.5	1686.9
-27.5°	2118.3	2028.0	2024.4	2175.5	2289.2	2094.1	1930.8	1888.0	1836.0	1742.3	1682.2
-30°	2168.9	2053.5	2028.3	2141.6	2211.6	2042.0	1903.7	1871.1	1828.9	1730.7	1656.2
-32.5°	2174.5	2044.2	2029.2	2125.9	2167.5	2008.8	1908.1	1850.6	1818.1	1701.0	1579.9
-35°	2146.9	2062.3	2046.0	2164.2	2177.4	2023.3	1911.5	1886.0	1796.9	1667.4	1530.0
-37.5°	2201.4	2136.4	2187.0	2318.0	2289.2	2134.8	1996.4	1901.0	1786.0	1650.5	1472.7
-40°	2205.7	2256.2	2358.7	2519.1	2499.2	2227.9	1991.5	1850.1	1748.1	1540.8	1354.6
-42.5°	2268.6	2377.3	2459.7	2598.3	2595.3	2279.7	1990.9	1801.3	1619.5	1437.4	1270.6
-45°	2460.4	2514.7	2614.7	2636.6	2583.3	2311.0	1966.2	1713.5	1527.0	1326.6	1172.6
-47.5°	2683.5	2733.9	2738.1	2707.5	2565.1	2264.9	1906.9	1617.1	1406.4	1226.2	1007.3
-50°	2835.0	2868.7	2841.9	2752.7	2550.1	2179.7	1816.4	1490.0	1238.1	1028.1	877.8
-52.5°	2777.8	2833.7	2762.7	2621.3	2339.9	1916.7	1608.0	1273.6	1022.2	885.8	783.5
-55°	2509.2	2515.4	2393.5	2171.2	1862.6	1565.9	1268.0	1045.4	885.3	790.1	718.3
-57.5°	1970.1	1954.9	1911.6	1786.6	1573.5	1276.9	1043.4	903.6	798.8	711.3	641.6
-60°	1622.5	1606.0	1546.0	1400.7	1186.7	1026.1	915.1	799.8	716.0	636.2	576.7
-62.5°	1205.0	1190.8	1136.2	1011.9	875.2	812.4	758.0	692.9	633.1	561.7	512.0
-65°	879.7	864.1	818.0	735.2	645.8	616.3	593.5	581.1	555.0	503.3	447.7
-67.5°	673.9	649.1	601.9	546.1	508.1	501.6	495.2	489.2	485.4	440.8	374.6
-70°	545.5	526.3	499.7	471.8	443.6	430.2	427.0	428.3	403.7	350.2	287.3
-72.5°	454.4	439.4	419.8	405.6	383.9	364.5	363.2	348.0	311.5	274.6	239.4
-75°	383.6	370.1	352.1	340.5	323.0	307.3	306.7	289.7	254.2	219.6	196.4
-77.5°	324.4	313.8	297.0	284.1	268.2	254.5	255.9	249.1	212.9	173.9	158.6
-80°	279.8	271.8	254.7	242.2	229.1	220.8	222.0	214.7	168.8	132.6	125.1
-82.5°	230.9	224.2	213.2	198.4	189.8	173.9	175.6	166.0	133.5	90.7	83.6
-85°	185.0	172.6	164.6	153.8	149.9	131.6	130.6	125.8	91.8	43.2	42.4
-87.5°	105.6	101.6	99.2	96.8	95.4	93.0	91.9	90.0	69.3	33.5	32.0
-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):**

	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°	15.4	14.6	13.8	13.0	12.2	11.4	10.5	9.6	8.7	7.8	6.8
85°	19.6	19.4	19.2	19.1	18.9	18.7	18.5	18.3	17.4	15.5	13.7
82.5°	29.8	27.1	24.8	22.9	20.4	19.9	19.7	19.4	19.8	19.3	18.7
80°	49.8	40.9	37.8	35.8	32.5	29.3	26.5	22.7	21.5	21.0	20.1
77.5°	82.1	56.1	57.8	57.9	50.1	43.1	38.5	34.8	33.1	26.1	21.6
75°	142.8	122.1	110.8	99.2	72.7	67.8	62.8	50.8	47.2	39.5	28.9
72.5°	264.9	229.6	196.7	170.0	144.5	114.9	90.5	75.0	64.1	52.6	39.3
70°	414.1	363.3	314.4	273.7	222.7	177.8	139.5	102.3	81.8	64.4	49.1
67.5°	576.1	511.6	439.5	376.6	304.8	247.6	187.8	136.4	103.5	74.3	56.7
65°	718.0	649.0	553.5	473.8	381.5	315.6	239.8	170.2	129.3	87.5	64.4
62.5°	819.4	718.1	644.4	561.0	460.1	374.0	288.5	210.0	155.7	107.8	72.6
60°	964.6	778.3	685.2	624.2	548.1	440.0	338.1	251.2	187.1	127.7	89.6
57.5°	1294.7	850.9	730.6	663.2	605.5	520.1	396.6	299.7	219.3	157.6	105.7
55°	1609.7	1137.0	825.6	711.1	649.8	575.6	473.3	350.2	265.6	189.0	120.4
52.5°	1929.7	1429.5	993.8	788.4	688.0	616.9	538.1	419.2	313.7	219.7	145.3
50°	2287.5	1737.9	1273.6	913.7	739.1	662.6	582.5	488.2	367.4	262.0	170.5
47.5°	2739.7	2014.9	1549.4	1127.8	815.8	712.9	629.4	544.9	436.8	304.0	194.4
45°	3213.8	2289.1	1739.6	1350.5	919.1	762.5	676.7	590.3	508.2	342.7	222.6
42.5°	3717.0	2592.1	1951.5	1525.7	1073.2	802.2	715.5	628.6	562.1	398.1	254.5
40°	5036.1	2987.0	2184.0	1730.7	1221.4	885.6	744.3	664.5	598.9	447.2	282.4
37.5°	7241.9	3540.8	2469.3	1904.0	1480.7	991.3	778.0	701.3	621.9	489.9	306.3
35°	10572.4	4069.8	2705.2	2013.1	1722.2	1104.7	825.6	737.0	641.3	509.3	330.5
32.5°	15505.1	5285.2	2962.3	2143.3	1756.2	1268.7	871.3	744.2	652.5	515.3	351.5
30°	19013.2	5667.4	3041.3	2206.2	1807.1	1340.0	883.8	746.3	645.8	516.7	369.0
27.5°	23071.4	7754.0	3301.9	2282.9	1864.8	1363.4	897.0	743.1	637.3	519.8	384.1
25°	26512.1	8655.0	3477.4	2378.2	1917.2	1418.0	935.9	741.0	628.9	523.6	396.8
22.5°	28513.4	10377.0	3782.5	2457.4	1936.3	1449.9	971.4	736.1	627.6	522.4	407.9
20°	29538.8	12284.9	4184.0	2594.7	1979.1	1492.9	988.0	733.0	624.1	521.1	412.7
17.5°	29408.1	12708.8	4266.1	2661.4	2015.9	1508.2	1011.6	729.0	621.2	519.7	415.3
15°	27396.7	12800.8	4194.2	2689.6	2028.0	1522.8	1046.3	734.1	620.8	516.7	415.6
12.5°	24489.8	12330.4	4641.4	2687.9	1995.9	1518.9	1043.1	741.9	619.5	511.9	413.8
10°	20887.3	11133.1	4546.3	2670.9	1956.1	1512.7	1022.1	734.4	616.6	505.5	410.1
7.5°	16824.5	9360.2	4178.6	2560.1	1910.5	1490.2	991.0	722.6	610.9	497.4	404.8
5°	12596.1	7352.4	3694.9	2425.1	1849.1	1445.5	939.6	708.7	603.2	495.1	398.8
2.5°	8823.5	5474.9	3216.0	2283.6	1794.2	1431.8	919.3	698.4	594.5	494.0	391.7
0°	5906.9	4037.0	2797.2	2150.0	1745.5	1419.8	895.0	685.7	584.0	491.5	383.4
-2.5°	4233.4	3236.2	2532.1	2051.0	1694.5	1373.4	903.4	704.8	601.3	497.2	387.1
-5°	3239.3	2717.1	2302.1	1943.3	1629.6	1317.8	906.2	721.6	616.7	501.2	389.2
-7.5°	2677.5	2385.0	2119.0	1832.7	1551.0	1257.2	897.2	734.1	627.8	503.3	389.7
-10°	2333.9	2156.4	1981.6	1740.3	1447.5	1186.3	888.3	743.1	635.0	503.6	389.5
-12.5°	2111.7	1980.6	1848.2	1635.2	1354.0	1113.3	874.0	738.1	637.0	502.0	388.0
-15°	1963.7	1882.6	1732.2	1523.4	1297.9	1046.6	854.2	725.2	618.9	496.7	384.7
-17.5°	1832.0	1756.5	1608.5	1405.0	1228.1	975.4	819.1	705.4	600.6	487.1	378.7
-20°	1714.3	1651.0	1503.9	1315.2	1173.1	913.8	785.1	678.0	578.9	475.7	370.6



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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°	1632.2	1570.8	1415.2	1256.0	1099.8	875.9	751.3	649.6	552.9	458.0	361.6
-25°	1605.8	1510.7	1342.8	1198.8	1012.3	832.6	716.1	621.1	524.6	434.7	347.3
-27.5°	1576.5	1430.6	1290.7	1132.7	943.5	780.2	685.2	590.4	501.6	411.8	322.7
-30°	1494.4	1375.1	1240.1	1062.1	877.1	738.0	656.0	563.8	479.3	390.7	298.2
-32.5°	1424.9	1300.7	1159.7	982.5	817.5	706.4	624.0	535.6	455.7	372.1	273.9
-35°	1368.4	1237.4	1074.0	897.8	754.8	675.1	589.2	503.3	430.7	352.4	250.3
-37.5°	1292.8	1160.1	979.6	830.3	718.5	635.3	554.4	476.6	406.6	328.3	230.7
-40°	1208.7	1067.9	886.6	765.0	685.5	592.4	520.1	451.1	381.8	298.1	214.9
-42.5°	1142.6	938.7	819.2	724.0	644.5	556.4	488.0	424.3	355.8	265.0	196.4
-45°	985.3	848.7	756.4	678.7	600.5	521.2	457.2	394.4	321.3	229.4	175.4
-47.5°	865.8	770.0	699.1	625.8	554.1	482.1	425.1	363.1	273.7	205.1	156.6
-50°	778.3	705.5	637.4	572.2	506.6	445.9	390.0	325.7	222.1	179.0	140.4
-52.5°	707.0	638.3	573.8	525.4	464.7	407.9	353.3	273.9	193.1	154.0	124.5
-55°	640.2	575.7	516.9	474.6	418.4	367.1	302.2	220.1	170.2	137.1	109.3
-57.5°	572.9	518.4	463.9	419.2	372.5	318.5	244.3	189.8	146.6	121.2	97.2
-60°	513.2	461.4	414.1	369.3	319.9	259.1	204.9	160.6	131.2	106.4	84.9
-62.5°	457.7	406.9	366.4	309.9	255.8	213.3	175.7	144.2	116.3	94.1	72.6
-65°	399.5	347.3	296.2	238.1	213.1	175.4	152.5	130.6	106.9	83.2	66.0
-67.5°	325.5	269.5	233.1	203.8	180.0	151.2	131.4	114.1	96.5	74.3	59.3
-70°	257.3	226.1	196.7	173.5	150.8	128.5	114.0	96.5	84.1	64.4	51.9
-72.5°	214.7	190.1	165.6	145.4	128.6	115.0	98.9	83.5	72.2	52.6	40.7
-75°	176.4	155.9	140.6	123.5	109.1	97.9	83.7	72.6	58.9	39.5	29.4
-77.5°	140.6	127.3	117.2	103.9	92.6	76.2	65.9	52.6	40.0	26.1	21.7
-80°	112.3	96.8	90.2	81.6	71.1	55.3	45.1	29.0	23.5	21.0	20.2
-82.5°	74.0	60.7	54.6	48.2	41.6	36.2	30.2	21.7	20.8	19.3	18.7
-85°	36.7	32.2	30.2	28.2	26.1	23.4	20.8	18.5	17.4	15.5	13.7
-87.5°	20.0	14.6	13.8	13.0	12.2	11.4	10.5	9.6	8.7	7.8	6.8
-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°	5.9	4.9	3.9	3.0	2.0	1.0	0.0
85°	11.8	9.8	7.9	5.9	4.0	2.0	0.0
82.5°	17.6	14.7	11.8	8.9	5.9	3.0	0.0
80°	19.1	18.4	15.7	11.8	7.9	3.9	0.0
77.5°	20.0	18.9	18.4	14.7	9.8	4.9	0.0
75°	20.9	19.4	18.8	17.6	11.8	5.9	0.0
72.5°	26.4	19.9	19.3	18.6	13.7	6.8	0.0
70°	33.1	22.4	19.9	19.1	15.5	7.8	0.0
67.5°	39.3	27.0	20.4	19.6	17.4	8.7	0.0
65°	46.3	31.6	23.0	20.0	18.3	9.6	0.0
62.5°	54.8	36.0	27.5	20.4	18.5	10.5	0.0
60°	63.6	42.1	32.2	20.8	18.7	11.4	0.0
57.5°	72.7	50.1	37.1	21.3	18.9	12.2	0.0
55°	84.2	57.9	42.2	24.1	19.1	13.0	0.0
52.5°	95.4	65.4	47.4	26.6	19.2	13.8	0.0
50°	106.3	72.2	52.2	28.8	19.4	14.6	0.0
47.5°	118.4	80.3	55.7	30.7	19.6	15.4	0.0
45°	139.2	87.9	57.3	32.2	19.7	16.1	0.0
42.5°	158.9	95.1	58.7	33.4	19.9	16.8	0.0
40°	176.1	101.7	59.7	35.0	20.0	17.4	0.0
37.5°	189.4	107.7	60.4	36.7	20.2	18.0	0.0
35°	202.7	115.4	62.7	38.4	21.0	18.2	0.0
32.5°	214.7	123.0	65.4	40.0	22.0	18.3	0.0
30°	224.0	129.6	67.7	41.5	23.0	18.4	0.0
27.5°	233.7	135.1	71.6	42.8	23.9	18.4	0.0
25°	243.4	139.6	75.3	44.1	24.7	18.5	0.0
22.5°	252.1	143.7	78.7	45.3	25.5	18.5	0.0
20°	261.1	148.2	81.7	46.3	26.1	18.5	0.0
17.5°	269.3	151.5	84.2	47.2	26.7	18.6	0.0
15°	274.6	154.6	86.4	48.0	27.2	18.6	0.0
12.5°	278.1	157.4	86.7	48.7	27.7	18.6	0.0
10°	279.8	158.7	85.8	49.3	28.1	18.7	0.0
7.5°	280.7	158.9	84.4	49.7	28.3	18.7	0.0
5°	279.5	158.1	82.5	50.0	28.5	18.7	0.0
2.5°	276.2	156.5	80.3	50.2	28.7	18.7	0.0
0°	271.0	153.8	77.7	50.3	28.7	18.7	0.0
-2.5°	276.9	162.3	84.5	53.0	29.4	18.7	0.0
-5°	281.6	169.7	90.9	55.7	30.1	18.7	0.0
-7.5°	285.6	176.0	96.9	58.1	30.6	18.7	0.0
-10°	287.5	181.2	102.5	60.4	30.9	18.7	0.0
-12.5°	283.1	182.2	107.4	62.4	31.2	18.7	0.0
-15°	276.9	178.9	110.6	64.1	31.2	18.7	0.0
-17.5°	268.5	176.2	109.9	65.6	31.1	18.7	0.0
-20°	256.7	173.7	108.6	66.2	30.8	18.7	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	243.2	170.5	106.8	65.0	30.2	18.6	0.0
-25°	231.0	164.9	104.2	63.5	29.5	18.6	0.0
-27.5°	219.2	158.0	101.1	61.8	28.5	18.5	0.0
-30°	208.4	150.6	97.0	60.0	27.2	18.4	0.0
-32.5°	199.2	142.6	90.6	57.9	25.5	18.4	0.0
-35°	189.3	134.1	83.5	55.6	23.6	18.3	0.0
-37.5°	178.7	125.1	76.8	52.9	22.1	18.0	0.0
-40°	167.4	115.6	72.5	49.8	21.9	17.4	0.0
-42.5°	153.7	105.5	68.3	46.4	21.6	16.8	0.0
-45°	138.1	95.1	64.4	42.8	21.3	16.1	0.0
-47.5°	122.1	84.1	60.7	39.0	21.0	15.4	0.0
-50°	107.9	72.8	57.4	35.0	20.6	14.6	0.0
-52.5°	95.1	68.6	54.1	31.0	20.3	13.8	0.0
-55°	83.3	64.4	49.0	26.8	19.9	13.0	0.0
-57.5°	72.7	60.0	43.3	22.5	19.6	12.2	0.0
-60°	67.3	55.5	37.5	21.7	19.2	11.4	0.0
-62.5°	61.8	49.3	31.5	21.1	18.8	10.5	0.0
-65°	56.1	41.7	25.5	20.5	18.4	9.6	0.0
-67.5°	48.5	33.9	21.8	19.9	17.4	8.7	0.0
-70°	39.0	26.0	21.0	19.3	15.5	7.8	0.0
-72.5°	29.4	21.7	20.2	18.7	13.7	6.8	0.0
-75°	21.9	20.6	19.4	17.6	11.8	5.9	0.0
-77.5°	20.6	19.6	18.5	14.7	9.8	4.9	0.0
-80°	19.4	18.5	15.7	11.8	7.9	3.9	0.0
-82.5°	17.6	14.7	11.8	8.9	5.9	3.0	0.0
-85°	11.8	9.8	7.9	5.9	4.0	2.0	0.0
-87.5°	5.9	4.9	3.9	3.0	2.0	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)