

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: P902082 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 11/13/2024

Test Information

Test Method: LM-79-08
Report Number: P902082 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (LVM2K48000)
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-WNB
Description: ARENAVISION LUMINAIRE
5700K, 85 CRI LEDS AND A35-WNB OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

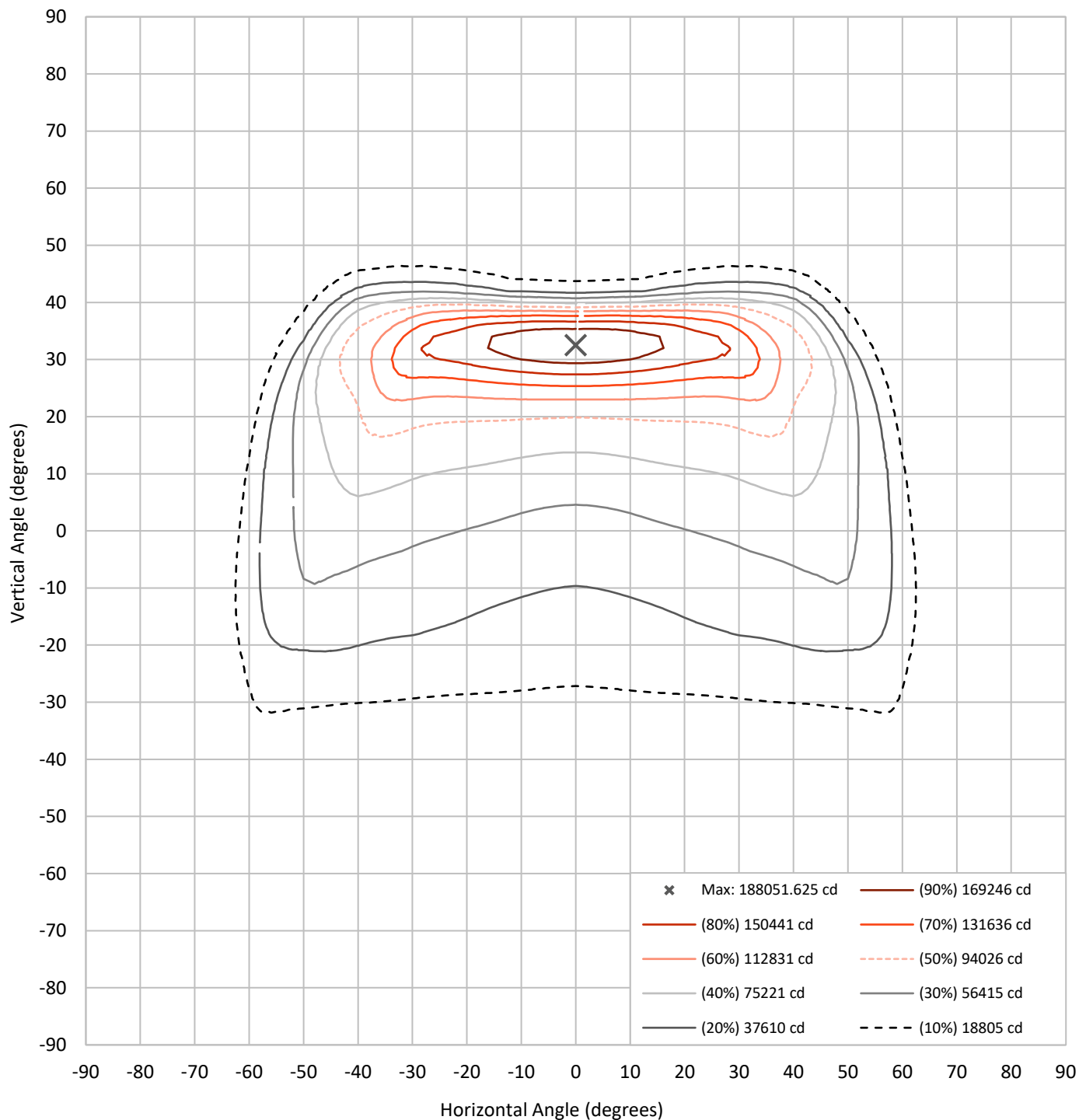
Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	164858.2 lumens	Max Intensity:	188051.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 32.5°V
Efficacy:	116.7 lumens/watt		
Luminous Opening:	Rectangular (W 2m x L: 2m x H: 0m)		

Beam Angle (50%):	85.5°H x 19.3°V	Field Angle (10%):	108.5°H x 70.5°V
Beam Lumens:	61244.3 lumens	Field Lumens:	149014.1 lumens
Beam Efficiency:	37.1%	Field Efficiency:	90.4%

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

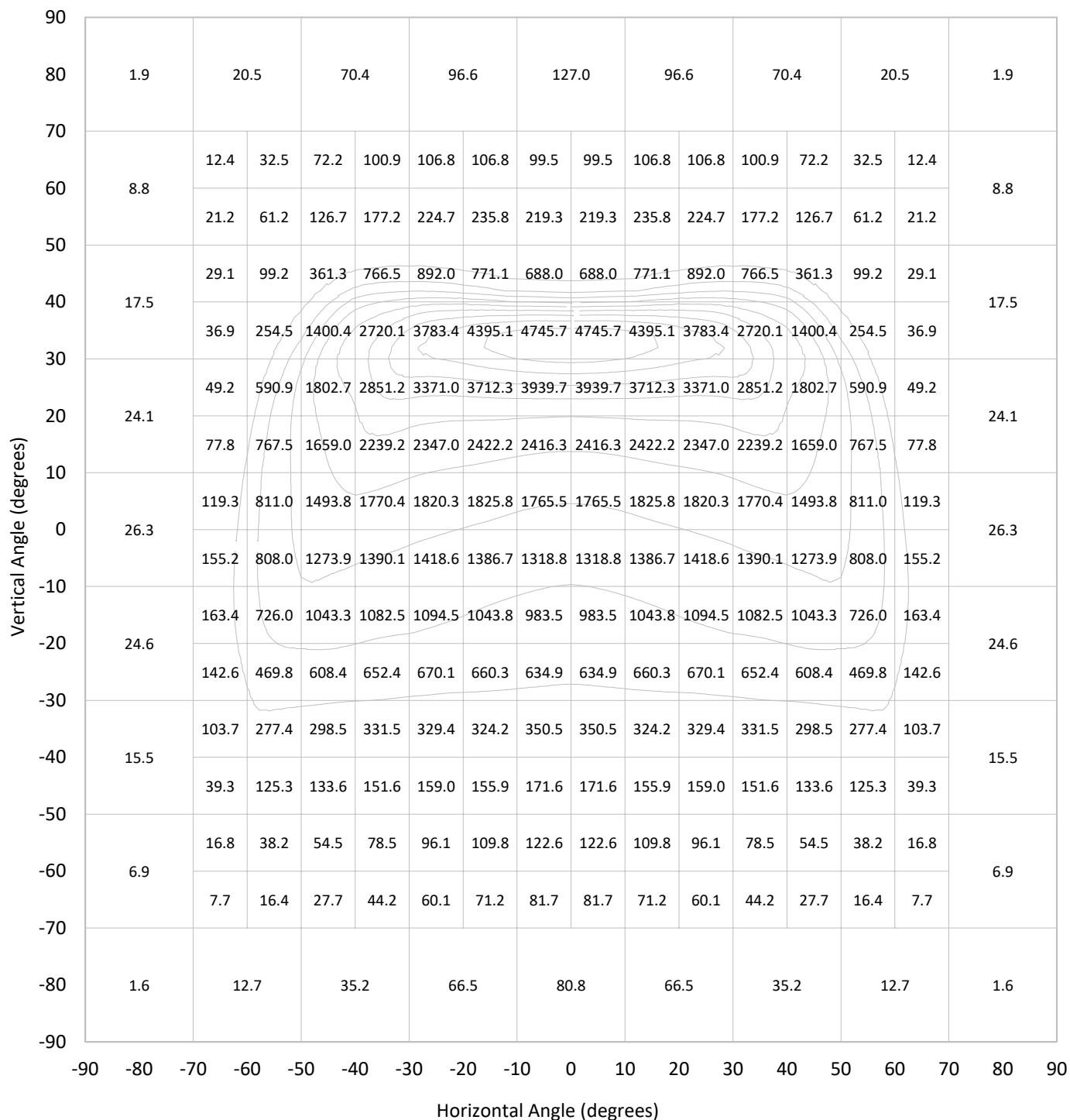
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CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-WNB

Iso-Candela Plot



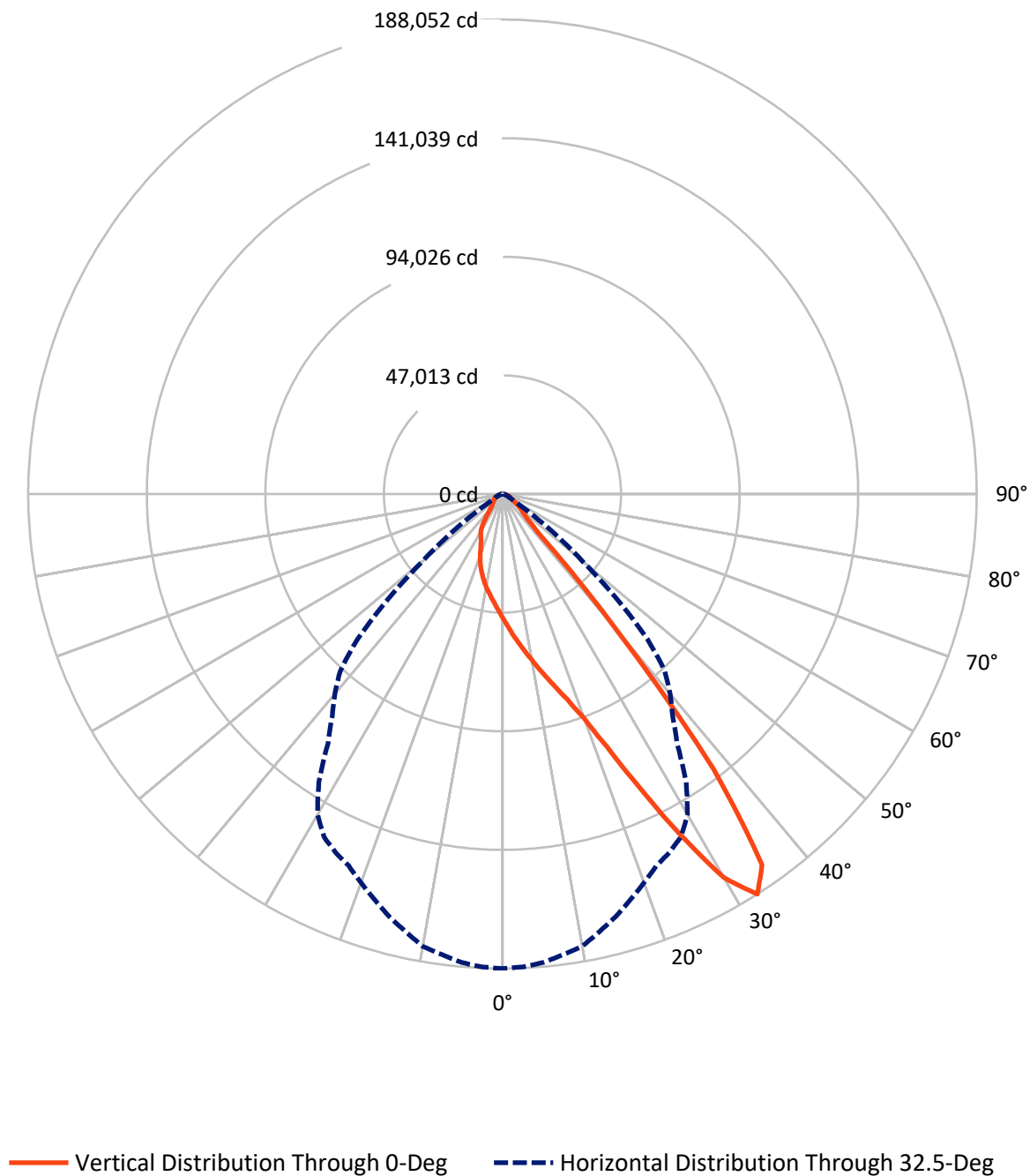
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Lumen Table



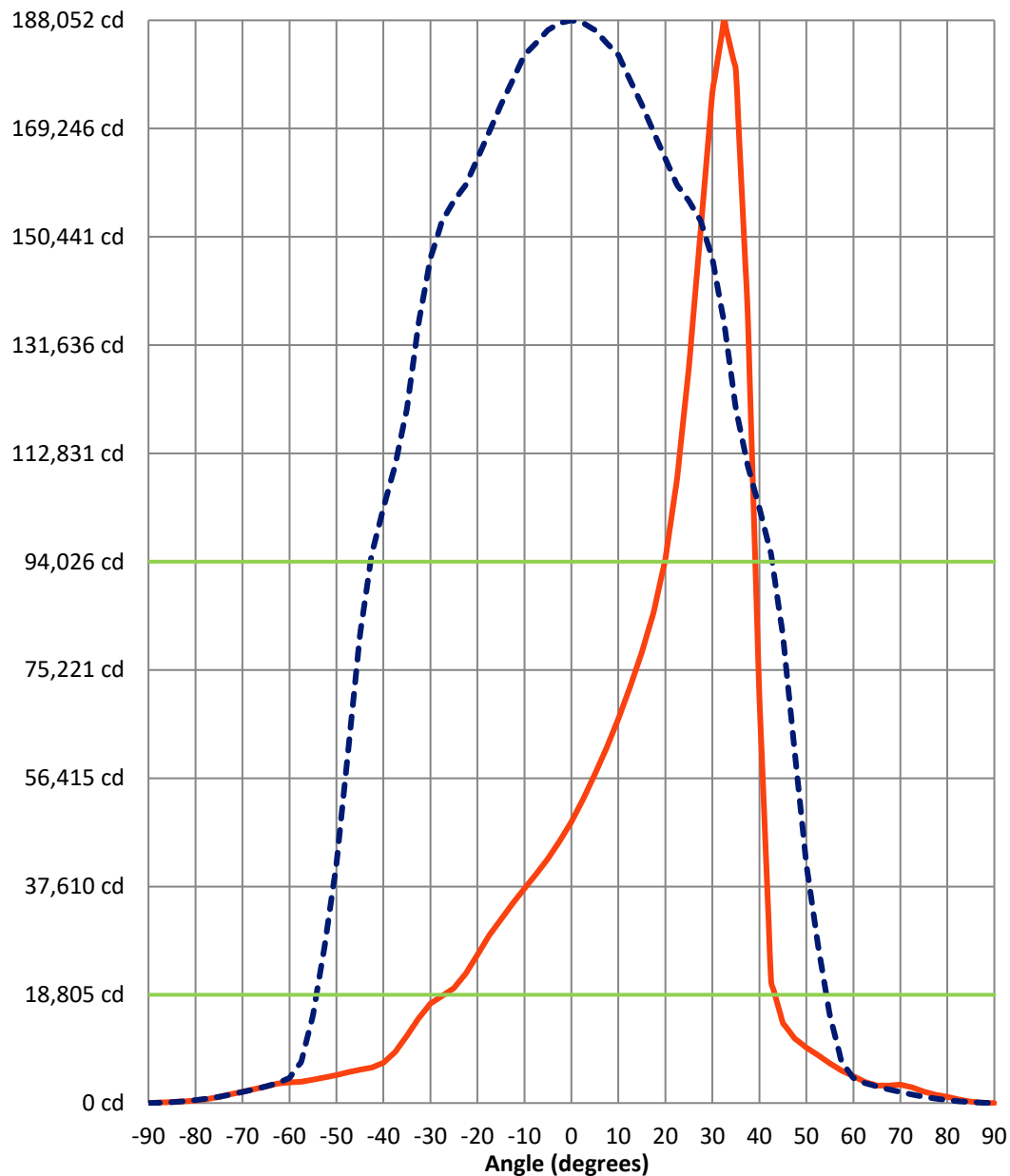
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CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-WNB

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 85.5°
V Angle: 19.3°
Lumens: 61244.3
Efficiency: 37.1%

Field:
H Angle: 108.5°
V Angle: 70.5°
Lumens: 149014.1
Efficiency: 90.4%

Spill:
Lumens: 15844.1
Efficiency: 9.6%

— 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	3.6	7.1	10.5	13.9	17.1	18.6	20.3	22.4	25.8	29.5
85°	0.0	7.2	14.2	21.0	27.8	34.2	37.2	40.6	44.7	51.6	61.8
82.5°	0.0	10.7	21.2	31.5	41.7	51.2	55.8	68.1	83.3	101.0	117.9
80°	0.0	14.3	28.2	41.9	55.5	71.2	90.0	109.6	130.1	152.8	180.7
77.5°	0.0	17.8	35.2	52.2	71.5	98.6	125.5	150.9	184.5	228.8	270.7
75°	0.0	21.3	42.1	62.5	91.5	125.5	160.4	204.7	256.9	310.3	369.7
72.5°	0.0	24.7	48.9	76.0	111.2	151.7	205.6	264.9	328.1	410.8	492.9
70°	0.0	28.1	55.7	90.2	130.6	183.0	253.4	323.9	418.8	519.9	624.0
67.5°	0.0	31.5	62.3	104.1	149.6	219.7	300.0	396.6	509.6	637.0	773.0
65°	0.0	34.8	70.1	117.7	173.1	255.2	351.6	469.0	603.1	761.6	925.7
62.5°	0.0	38.0	78.6	130.9	200.4	289.5	408.6	538.6	701.7	887.3	1090.3
60°	0.0	41.1	86.9	143.7	226.9	327.7	463.7	617.6	795.5	1027.9	1253.4
57.5°	0.0	44.2	94.9	156.6	252.7	370.8	516.7	693.7	908.4	1162.6	1422.5
55°	0.0	47.2	102.7	174.7	277.7	412.2	578.4	766.9	1021.1	1296.7	1581.2
52.5°	0.0	50.1	110.2	192.1	303.5	452.1	638.5	855.5	1127.3	1425.4	1737.3
50°	0.0	52.9	117.4	208.7	335.0	491.8	696.8	940.6	1236.5	1550.7	1882.8
47.5°	0.0	55.6	124.2	224.5	364.9	539.8	754.8	1019.6	1341.9	1678.4	2031.2
45°	0.0	58.2	130.8	239.5	392.6	585.1	817.5	1100.3	1442.8	1801.2	2177.1
42.5°	0.0	60.7	137.0	253.7	418.7	627.6	875.0	1184.4	1546.3	1923.9	2319.9
40°	0.0	63.1	142.8	266.7	443.1	667.3	927.8	1263.3	1644.8	2043.9	2469.2
37.5°	0.0	65.4	148.3	278.5	465.8	704.0	977.0	1336.6	1738.1	2157.9	2613.2
35°	0.0	67.9	155.3	292.6	490.8	740.6	1031.1	1409.9	1831.8	2271.9	2756.7
32.5°	0.0	70.4	162.3	306.7	515.7	775.9	1085.2	1481.5	1924.8	2384.8	2892.8
30°	0.0	72.7	168.7	319.4	538.5	808.4	1133.7	1546.0	2013.4	2491.7	3014.0
27.5°	0.0	74.8	174.7	330.7	558.8	838.1	1179.1	1603.6	2091.2	2587.2	3119.7
25°	0.0	76.8	180.3	340.7	577.3	865.0	1220.5	1654.0	2158.0	2672.2	3218.4
22.5°	0.0	78.6	185.3	349.3	594.1	889.0	1257.1	1705.0	2218.3	2747.8	3288.6
20°	0.0	80.2	189.8	356.5	609.1	910.2	1290.8	1752.9	2272.1	2818.9	3353.1
17.5°	0.0	81.6	193.7	363.8	622.2	928.3	1322.0	1792.9	2319.8	2883.7	3396.3
15°	0.0	82.9	197.1	370.5	633.4	945.1	1346.8	1825.7	2360.0	2938.5	3549.8
12.5°	0.0	83.9	199.8	375.9	642.4	960.4	1366.0	1852.2	2397.3	2983.6	3592.1
10°	0.0	84.8	202.1	380.2	649.0	972.5	1379.6	1871.9	2430.9	3049.7	3556.9
7.5°	0.0	85.4	203.7	383.2	653.1	981.5	1390.9	1884.9	2456.8	3128.7	3573.8
5°	0.0	85.9	204.8	385.1	654.9	986.7	1397.8	1892.5	2476.4	3224.9	3588.8
2.5°	0.0	86.2	205.3	385.8	654.4	988.1	1399.2	1892.7	2488.0	3335.7	3590.9
0°	0.0	86.3	205.3	385.3	651.7	985.8	1395.3	1885.7	2490.2	3429.2	3503.7
-2.5°	0.0	86.2	204.9	384.0	649.0	981.2	1391.1	1888.2	2520.7	3630.7	3717.4
-5°	0.0	85.9	203.8	381.5	644.2	972.8	1381.5	1883.1	2539.7	3789.3	3762.0
-7.5°	0.0	85.4	202.3	377.9	637.2	960.8	1366.4	1870.1	2577.0	4066.0	38274.9
-10°	0.0	84.7	200.2	373.2	628.1	945.1	1345.5	1866.3	2687.8	4382.4	38715.4
-12.5°	0.0	83.9	197.5	367.4	617.0	925.4	1317.7	1853.4	2763.5	4651.4	39053.1
-15°	0.0	82.8	194.4	360.6	603.3	902.2	1283.2	1825.4	2871.2	5138.1	39264.7
-17.5°	0.0	81.6	190.7	352.6	586.2	877.7	1241.7	1794.3	2992.5	5505.3	39541.9
-20°	0.0	80.2	186.5	343.5	567.4	851.7	1194.0	1748.6	3005.1	5795.0	39733.7

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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	78.6	181.8	333.2	546.8	822.6	1150.1	1672.7	2911.9	6017.9	9867.4
-25°	0.0	76.8	176.6	321.9	524.7	791.5	1107.1	1595.8	2657.1	6138.4	9989.0
-27.5°	0.0	74.9	170.9	309.8	500.9	758.3	1061.0	1527.9	2511.5	5626.2	10066.9
-30°	0.0	72.8	164.7	297.0	475.9	722.4	1012.3	1447.7	2338.5	4900.3	9436.3
-32.5°	0.0	70.5	158.3	283.4	451.1	684.1	960.8	1355.1	2107.1	4084.2	8098.7
-35°	0.0	68.1	151.4	269.1	424.6	643.4	903.2	1250.3	1859.9	3137.9	6082.6
-37.5°	0.0	65.7	144.7	255.2	399.3	603.0	844.1	1155.7	1661.8	2566.5	4497.9
-40°	0.0	63.4	139.3	243.5	378.8	566.0	789.4	1078.6	1529.0	2265.4	3578.1
-42.5°	0.0	61.0	133.7	231.4	357.2	527.5	733.1	993.7	1386.2	1959.7	2778.5
-45°	0.0	58.5	127.7	218.8	334.8	487.4	674.0	901.4	1234.1	1706.1	2375.4
-47.5°	0.0	55.9	121.4	205.7	311.4	445.9	611.8	817.6	1120.8	1514.1	2037.1
-50°	0.0	53.2	114.9	192.1	287.3	403.2	558.3	742.1	994.2	1311.8	1717.0
-52.5°	0.0	50.4	108.1	178.0	262.3	372.0	505.9	662.0	862.5	1133.2	1459.3
-55°	0.0	47.5	101.1	163.5	241.7	339.6	452.8	580.0	764.7	970.6	1181.1
-57.5°	0.0	44.5	93.8	148.5	221.8	306.2	398.9	517.5	665.2	814.3	993.3
-60°	0.0	41.4	86.3	136.9	201.3	272.1	357.3	454.6	569.5	703.2	811.1
-62.5°	0.0	38.2	78.6	125.3	180.3	241.6	314.6	390.9	494.1	593.6	684.9
-65°	0.0	35.0	70.8	113.4	158.9	214.0	270.7	340.3	417.0	501.4	579.5
-67.5°	0.0	31.7	63.4	101.3	139.7	185.7	231.3	289.0	350.8	414.1	483.7
-70°	0.0	28.3	56.6	88.9	123.3	156.7	196.1	238.6	292.6	340.6	391.3
-72.5°	0.0	24.9	49.8	76.4	106.6	131.0	160.6	198.6	236.2	279.2	317.1
-75°	0.0	21.4	42.8	64.2	89.7	108.2	127.5	158.2	191.5	222.3	251.0
-77.5°	0.0	17.9	35.8	53.7	72.5	85.2	101.8	121.8	146.8	173.7	194.7
-80°	0.0	14.4	28.7	43.1	57.3	61.8	76.3	92.6	109.8	127.0	142.2
-82.5°	0.0	10.8	21.6	32.4	43.1	44.4	51.7	63.3	75.9	88.5	99.0
-85°	0.0	7.2	14.4	21.6	28.7	29.5	34.5	40.1	45.6	51.0	58.2
-87.5°	0.0	3.6	7.2	10.8	14.4	14.7	17.3	20.1	22.8	25.5	28.5
-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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CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-WNB

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°	33.2	35.7	37.3	37.7	40.0	41.3	43.1	46.7	48.3	48.1	50.1
85°	74.0	84.8	93.6	99.6	109.9	122.7	130.8	127.6	129.7	129.1	133.1
82.5°	135.7	153.6	168.5	186.5	208.7	242.6	273.2	280.3	276.4	268.0	275.2
80°	215.8	251.2	281.7	308.4	336.5	399.0	471.3	513.7	501.8	479.8	486.6
77.5°	312.5	362.4	415.5	467.4	511.9	590.8	719.0	821.8	817.1	799.3	797.7
75°	437.9	504.7	568.4	657.0	745.8	850.2	1013.3	1223.1	1303.6	1304.3	1297.2
72.5°	571.5	670.3	767.0	880.0	1031.1	1224.4	1467.6	1771.3	1963.3	1974.1	1925.6
70°	744.4	858.5	968.7	1135.0	1356.5	1691.4	2118.7	2539.9	2681.7	2713.2	2696.7
67.5°	917.9	1058.8	1171.4	1406.1	1732.4	2190.8	2689.6	3136.7	3275.4	3393.4	3555.1
65°	1113.4	1273.8	1434.4	1694.0	2119.1	2637.3	3128.0	3492.1	3662.1	3832.8	4154.0
62.5°	1316.4	1537.1	1744.7	2080.4	2545.5	3084.1	3512.3	3794.8	3902.6	4124.8	4423.2
60°	1526.3	1806.7	2096.0	2495.8	3028.8	3608.9	4038.6	4326.4	4509.6	4609.1	4787.5
57.5°	1727.1	2080.9	2461.7	2927.3	3558.6	4212.0	4753.0	5150.3	5380.2	5400.0	5552.3
55°	1919.6	2346.1	2808.1	3371.1	4097.4	4830.5	5409.0	5946.8	6307.3	6447.6	6661.2
52.5°	2095.2	2576.0	3111.5	3788.2	4643.8	5461.7	6094.1	6687.3	7247.3	7598.9	7894.8
50°	2271.2	2771.8	3371.8	4165.3	5258.3	6203.5	6974.9	7711.6	8419.4	9165.7	9534.1
47.5°	2430.6	2943.7	3614.8	4607.0	5941.1	7177.8	8296.8	9474.9	10581.2	12121.3	13000.9
45°	2584.4	3132.5	3858.8	4987.7	6858.4	8648.7	10425.6	12345.0	16046.0	19672.4	21233.7
42.5°	2746.8	3315.6	4102.4	5636.8	8170.4	10686.6	13682.3	20085.9	28933.3	36677.4	42659.4
40°	2930.5	3479.4	4383.5	6288.5	9788.3	14315.3	21795.0	33995.6	49179.3	64096.6	71432.6
37.5°	3105.5	3667.6	4871.5	8016.8	13662.0	21160.9	33232.9	51740.8	72035.6	84474.9	91895.9
35°	3281.1	3921.3	5429.4	9934.7	18974.8	30179.3	48228.0	69524.6	86524.2	96903.1	103920.3
32.5°	3468.4	4366.0	7178.6	15251.7	27322.3	41539.7	61202.3	81240.4	95299.3	103363.7	110807.6
30°	3640.8	4824.8	8833.6	20911.7	35918.2	51312.2	71622.0	87816.2	97823.5	104666.3	112562.5
27.5°	3840.0	5781.7	12566.2	27594.0	43084.7	58310.4	75826.4	88571.5	96194.2	102256.6	111323.3
25°	4182.1	7205.2	17230.1	34133.8	47580.3	62802.8	77454.7	86732.9	92357.8	97736.9	108224.6
22.5°	4555.8	8581.0	21618.3	40031.9	50670.5	64480.1	76315.5	83540.7	88459.5	94841.6	104100.6
20°	4965.9	10165.9	26117.9	42509.0	52813.3	65054.1	74715.7	80826.7	85384.4	91957.2	100313.0
17.5°	5674.8	13520.1	30290.9	44241.1	53938.9	65236.7	73470.7	78723.7	83424.1	89824.0	95448.4
15°	6834.6	16571.4	33764.9	45263.8	54256.2	64628.1	72138.0	77139.1	81773.2	88021.6	91532.4
12.5°	8073.7	19228.2	36428.6	45555.6	54347.9	63932.9	71081.8	75746.6	80111.6	85247.2	86687.7
10°	9269.3	21571.5	38273.0	45608.9	54270.3	63420.9	70087.9	74161.2	78124.2	81658.6	81913.5
7.5°	10651.3	23651.8	38668.8	45641.0	54339.4	62951.2	68952.3	72216.6	75548.3	77682.0	77080.0
5°	11969.4	25486.5	38949.8	45970.5	54396.7	62460.2	67398.6	69936.3	72493.0	73451.7	72355.6
2.5°	13583.5	27250.2	39276.6	46291.8	54410.5	61882.7	65688.8	67438.5	69178.1	69221.7	67932.7
0°	15057.0	28741.3	39588.7	46588.5	54343.4	61087.2	63753.8	64720.9	65567.8	65075.4	63791.7
-2.5°	16458.8	29796.8	39797.8	46624.4	53829.7	60017.8	61831.1	62102.0	62305.5	61358.3	60057.8
-5°	17558.5	30443.7	39828.4	46430.3	53011.8	58695.6	59868.7	59485.6	59089.1	57888.7	56597.2
-7.5°	18204.9	30564.6	39693.2	46057.6	51896.9	57103.7	57986.4	56891.0	56055.4	54673.9	53353.4
-10°	18545.7	30338.0	39376.8	45513.5	50532.1	55154.5	56048.2	54417.8	53250.9	51718.2	50379.9
-12.5°	18472.1	29804.5	38731.3	44881.7	48906.0	52785.2	54001.1	52228.8	50552.2	48969.6	47565.1
-15°	18141.0	28831.7	37832.8	43811.3	46878.3	49883.7	51425.2	50010.9	47986.9	46344.1	44824.9
-17.5°	17195.0	27566.8	35723.1	41433.9	44072.8	45655.4	47609.3	46566.0	44607.1	42987.6	41458.6
-20°	16419.0	24855.8	32609.6	37410.0	39377.1	39957.2	40974.6	40701.6	39410.5	37866.1	36557.0

REPORT NUMBER: P902082 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-WNB

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	15431.4	22241.0	28485.9	32469.7	33605.0	33374.4	33368.8	33571.9	32834.5	31861.6	30875.7
-25°	14673.4	20224.4	24805.5	27570.9	28155.4	27718.9	27430.4	27383.3	27204.1	26893.2	26153.9
-27.5°	14271.7	18797.0	22027.5	23577.4	23858.1	23602.2	23236.6	22951.8	22771.8	22605.1	22338.5
-30°	14140.5	17864.0	20044.3	20459.5	20390.1	20101.3	19818.1	19460.7	19142.5	18976.4	18865.2
-32.5°	13703.8	17271.4	18513.4	18092.9	17443.9	17070.7	16759.4	16443.4	16135.9	16020.5	15861.8
-35°	12929.4	16301.3	17458.3	16001.4	14975.5	14354.0	13911.2	13567.5	13423.2	13368.2	13330.2
-37.5°	10661.7	14588.0	15458.1	14364.0	12908.6	12024.1	11413.2	10977.0	10836.6	10819.8	10855.6
-40°	7173.7	12124.8	13263.1	12602.3	11096.3	10075.5	9352.0	8849.0	8569.8	8476.4	8567.7
-42.5°	4091.6	8644.9	10102.3	10027.7	9176.1	8473.0	7800.1	7316.0	7037.3	6916.5	6902.1
-45°	3369.3	5407.4	6725.8	7553.6	7129.2	6684.7	6419.9	6113.9	5827.7	5741.8	5740.3
-47.5°	2750.0	3489.4	4455.5	4935.3	5034.0	4980.1	4999.5	4894.4	4802.2	4809.8	4914.3
-50°	2316.2	2932.6	3379.5	3432.8	3652.5	3631.9	3736.1	3784.9	3764.6	3886.5	4053.5
-52.5°	1892.7	2418.6	2682.3	2810.7	2805.5	2845.1	2895.7	2958.7	3009.6	3138.5	3363.0
-55°	1506.4	1852.2	1954.2	2116.0	2095.5	2228.3	2310.7	2354.7	2474.4	2619.8	2856.2
-57.5°	1160.9	1373.1	1514.6	1541.7	1654.0	1780.1	1902.8	2009.2	2112.5	2256.7	2479.5
-60°	927.5	1060.8	1195.4	1303.2	1408.2	1529.0	1636.8	1743.1	1849.4	1979.1	2178.4
-62.5°	779.1	868.0	990.7	1103.3	1201.4	1309.8	1405.6	1498.9	1594.8	1701.7	1889.7
-65°	661.9	739.0	829.9	925.4	1010.7	1105.4	1188.6	1267.6	1349.3	1431.6	1565.9
-67.5°	551.3	618.4	677.5	762.2	837.2	917.5	988.9	1054.7	1123.9	1189.9	1286.9
-70°	451.2	501.0	553.0	617.2	678.8	747.4	807.9	861.9	918.5	972.0	1042.8
-72.5°	353.7	402.3	441.5	487.7	540.8	590.6	641.6	689.1	732.4	772.6	818.1
-75°	283.7	316.4	338.2	370.5	410.8	445.4	480.1	520.3	555.1	588.3	620.6
-77.5°	217.0	242.4	258.9	276.5	297.7	320.1	351.1	377.6	399.2	422.9	447.3
-80°	161.6	180.2	189.6	202.7	214.1	231.2	249.3	265.5	280.3	295.3	312.5
-82.5°	112.0	123.0	131.4	144.9	151.3	159.8	169.7	179.2	189.4	198.1	207.2
-85°	68.8	76.1	89.4	96.4	99.0	103.2	108.0	112.9	118.7	123.2	127.0
-87.5°	33.1	35.9	46.0	49.0	51.1	54.1	56.8	59.5	61.8	64.2	66.5
-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: P902082 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-WNB

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°	51.1	45.4	44.2	46.4	48.6	50.4	52.6	55.2	58.5	59.2	59.8
85°	136.9	138.1	145.4	153.4	158.2	160.0	181.0	201.0	213.7	221.7	233.1
82.5°	287.8	307.3	328.0	346.6	349.4	349.7	391.0	425.4	458.5	497.1	545.8
80°	508.8	543.9	576.5	604.4	612.0	612.1	653.8	704.9	761.3	823.0	909.9
77.5°	812.3	845.1	889.3	922.1	935.2	935.9	963.9	1024.9	1083.6	1136.9	1188.4
75°	1277.7	1293.4	1348.5	1374.3	1364.4	1357.4	1385.2	1447.5	1494.3	1524.2	1562.4
72.5°	1877.3	1865.2	1907.7	1913.5	1856.2	1808.0	1804.7	1838.2	1872.2	1893.7	1913.1
70°	2606.8	2507.2	2482.6	2465.3	2367.4	2273.5	2216.3	2204.8	2222.4	2240.0	2244.4
67.5°	3485.7	3315.4	3157.3	3008.4	2892.1	2805.8	2765.9	2742.3	2683.1	2614.9	2575.9
65°	4344.8	4261.3	4114.1	3872.8	3596.1	3454.7	3533.8	3575.1	3420.1	3277.3	3164.0
62.5°	4737.0	5018.4	5191.2	5025.4	4589.9	4410.3	4605.0	4756.3	4504.8	4256.0	4028.1
60°	5053.4	5523.8	5993.2	6198.5	5925.2	5817.4	5974.9	6164.5	5906.1	5522.6	5123.7
57.5°	5708.9	6044.1	6460.8	6979.1	7063.4	7163.4	7228.9	7230.1	7114.9	6567.3	6125.7
55°	6890.3	7087.8	7388.0	7729.4	7998.1	8255.2	8380.5	8064.7	7837.9	7659.6	7476.3
52.5°	8182.7	8511.8	8852.5	9137.2	9269.5	9415.7	9571.5	9528.3	9149.3	8888.1	8799.0
50°	9754.0	10214.4	10518.9	10856.9	10802.7	10699.1	10541.8	10642.1	10697.0	10358.8	10211.4
47.5°	13385.8	14012.1	13867.7	14233.1	13641.3	13413.1	12596.5	11831.1	11647.5	11589.5	11593.4
45°	23474.8	24194.9	23643.7	24136.6	22482.7	21665.0	19041.3	17395.3	15823.4	14361.2	13987.6
42.5°	45795.0	46809.5	47064.2	47559.2	44759.2	43673.2	37931.7	35602.2	31015.7	26253.6	26537.2
40°	75510.2	79787.4	83784.9	86405.2	88104.2	87505.1	87711.9	83411.9	83308.8	77419.6	75373.0
37.5°	98180.2	105368.6	113235.0	121581.0	126788.8	129053.7	132127.3	134157.3	136159.6	136869.2	138244.4
35°	111433.2	121970.2	134798.9	144051.1	150307.8	152989.2	158461.4	162500.1	168370.0	171113.5	175458.7
32.5°	120623.6	135512.3	146676.0	153223.8	156684.6	159452.5	164007.6	168646.2	173376.3	177643.0	182024.7
30°	125636.5	138668.6	146233.5	149187.0	150071.1	152312.2	155566.5	159366.0	162853.2	166430.6	169269.1
27.5°	124030.3	132879.5	136004.6	135435.1	135516.0	136885.6	138971.9	141365.8	143700.1	145664.5	147587.1
25°	118377.0	122274.6	121866.5	120453.3	120005.6	120525.1	121525.6	122633.4	124122.1	125044.8	126158.6
22.5°	110374.1	111457.8	109939.6	108074.4	107364.6	107265.0	107398.3	107868.4	108392.7	108573.2	108799.7
20°	103265.8	102334.8	100231.7	98265.7	97467.1	96764.1	96701.3	96526.0	96534.9	96326.3	95766.6
17.5°	96393.0	94914.1	92727.3	90886.8	89971.0	89337.7	88865.3	88540.2	88028.2	87454.8	86716.2
15°	90711.1	89057.7	86992.9	85275.4	84326.6	83562.4	82991.2	82450.9	81726.4	80982.7	80026.7
12.5°	85557.8	83824.1	81871.0	80272.5	79383.1	78583.6	77907.3	77213.1	76409.8	75391.1	74460.3
10°	80529.9	78828.1	77029.1	75568.3	74645.1	73811.7	73023.0	72321.1	71305.8	70250.8	69104.7
7.5°	75596.1	74058.1	72365.5	71040.0	70034.6	69173.2	68373.5	67508.2	66505.3	65375.6	64226.3
5°	70932.0	69563.0	67918.5	66720.4	65764.4	64852.6	63977.3	63062.1	62018.6	60839.3	59680.3
2.5°	66678.4	65398.6	63868.3	62799.4	61810.5	60799.4	59860.5	58865.5	57865.1	56608.0	55347.1
0°	62595.3	61580.5	60129.7	58970.7	58006.4	56980.6	55979.4	54950.0	53830.0	52574.1	51327.2
-2.5°	59001.4	58097.6	56691.5	55534.1	54525.0	53421.3	52375.2	51281.7	50189.0	48985.8	47788.9
-5°	55532.9	54764.7	53552.7	52308.6	51289.5	50196.9	49118.3	48070.7	46973.8	45855.6	44747.9
-7.5°	52363.7	51619.2	50559.1	49343.9	48372.3	47269.9	46218.5	45179.7	44167.2	43125.8	42117.4
-10°	49349.2	48664.0	47785.1	46557.1	45549.8	44491.8	43397.8	42320.4	41338.7	40378.3	39442.2
-12.5°	46494.4	45789.7	44955.7	43715.7	42776.7	41749.5	40573.1	39465.0	38404.2	37473.6	36586.3
-15°	43678.8	42935.0	42162.3	41024.7	40046.7	38991.8	37868.0	36697.1	35595.0	34572.3	33746.0
-17.5°	40369.2	39628.9	39095.3	37990.4	37039.4	36000.2	34967.0	33802.3	32657.4	31742.8	30945.3
-20°	35499.4	34825.4	34280.2	33509.3	32619.4	31821.3	30945.5	29967.0	28949.3	28084.9	27305.1

REPORT NUMBER: P902082 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	29984.9	29385.4	28975.8	28447.6	27757.0	27139.9	26546.7	25793.2	25157.8	24374.1	23758.7
-25°	25471.4	24937.4	24561.5	24266.6	23765.2	23410.0	23031.8	22581.0	22097.3	21534.2	21027.1
-27.5°	21916.0	21511.4	21148.7	20946.9	20591.0	20334.4	20176.5	20012.1	19702.9	19508.6	19211.1
-30°	18595.3	18297.5	17969.8	17666.0	17397.2	17137.5	17064.3	17027.8	16913.8	16934.8	16929.8
-32.5°	15657.8	15393.7	15063.1	14625.0	14196.0	13819.7	13680.3	13563.9	13573.8	13691.8	13926.3
-35°	13245.3	13020.7	12656.0	12094.3	11466.9	10986.5	10577.5	10439.3	10337.0	10542.4	10716.5
-37.5°	10911.9	10915.2	10622.6	10060.2	9347.6	8839.2	8398.9	8174.4	8028.7	8128.8	8217.1
-40°	8694.6	8791.8	8728.8	8348.9	7767.0	7220.8	6853.2	6694.0	6581.2	6598.8	6657.1
-42.5°	7022.0	7090.2	7084.3	6860.8	6450.5	6082.9	5811.7	5710.7	5695.2	5699.1	5779.3
-45°	5864.5	5949.8	5913.1	5822.0	5558.4	5325.7	5162.9	5140.7	5151.6	5204.2	5305.6
-47.5°	5014.8	5143.9	5218.2	5175.1	4993.3	4791.4	4703.9	4712.5	4754.8	4825.0	4982.2
-50°	4205.9	4434.2	4516.7	4512.4	4412.5	4287.0	4232.7	4274.5	4371.6	4512.6	4677.0
-52.5°	3568.3	3801.2	3888.0	3874.0	3793.9	3775.6	3795.7	3903.7	4037.8	4187.2	4282.8
-55°	3056.5	3239.7	3345.8	3413.8	3381.7	3386.5	3449.0	3556.8	3701.5	3837.6	3900.3
-57.5°	2698.2	2861.9	2998.7	3116.5	3108.8	3110.1	3199.2	3299.7	3478.8	3555.6	3592.9
-60°	2415.9	2605.7	2759.7	2839.3	2858.1	2862.4	2933.3	3037.4	3192.4	3224.5	3260.7
-62.5°	2114.4	2291.0	2433.2	2495.6	2556.1	2549.1	2611.9	2719.2	2823.2	2871.5	2927.8
-65°	1766.6	1936.0	2052.5	2124.9	2187.2	2219.4	2285.9	2366.5	2438.1	2503.6	2578.0
-67.5°	1450.5	1603.8	1713.7	1792.4	1842.9	1887.1	1936.9	1987.7	2046.3	2118.2	2176.2
-70°	1151.1	1273.0	1376.0	1456.3	1492.7	1530.5	1572.7	1608.8	1662.5	1723.5	1751.7
-72.5°	883.7	969.3	1058.4	1127.8	1166.5	1199.5	1237.7	1264.4	1314.1	1378.6	1435.7
-75°	657.6	712.0	776.7	829.2	865.1	894.3	931.9	962.0	1022.1	1118.1	1178.1
-77.5°	471.3	497.8	532.0	561.1	588.0	612.1	645.5	678.2	753.7	881.6	851.0
-80°	329.1	343.6	360.1	370.6	383.6	397.5	409.9	440.5	500.1	556.2	499.0
-82.5°	217.0	229.8	241.2	251.9	263.6	272.6	281.8	298.5	344.0	363.2	322.2
-85°	131.9	142.1	148.5	155.7	164.5	168.3	176.3	184.7	190.2	194.6	189.5
-87.5°	68.6	73.6	77.0	78.7	82.1	83.6	86.8	91.4	92.7	100.6	106.4
-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: P902082 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	60.7	62.7	63.3	61.1	63.3	62.7	60.7	59.8	59.2	58.5	55.2
85°	242.8	247.7	253.2	249.5	253.2	247.7	242.8	233.1	221.7	213.7	201.0
82.5°	579.9	596.7	612.5	616.8	612.5	596.7	579.9	545.8	497.1	458.5	425.4
80°	998.9	1047.5	1086.1	1083.1	1086.1	1047.5	998.9	909.9	823.0	761.3	704.9
77.5°	1259.9	1306.6	1384.5	1443.5	1384.5	1306.6	1259.9	1188.4	1136.9	1083.6	1024.9
75°	1611.4	1679.6	1841.8	1986.5	1841.8	1679.6	1611.4	1562.4	1524.2	1494.3	1447.5
72.5°	1924.0	2030.7	2377.8	2730.0	2377.8	2030.7	1924.0	1913.1	1893.7	1872.2	1838.2
70°	2215.7	2274.7	2681.5	3203.7	2681.5	2274.7	2215.7	2244.4	2240.0	2222.4	2204.8
67.5°	2542.6	2532.2	2730.6	3035.8	2730.6	2532.2	2542.6	2575.9	2614.9	2683.1	2742.3
65°	3090.4	2998.5	2998.5	3042.3	2998.5	2998.5	3090.4	3164.0	3277.3	3420.1	3575.1
62.5°	3863.1	3743.1	3680.8	3664.7	3680.8	3743.1	3863.1	4028.1	4256.0	4504.8	4756.3
60°	4888.1	4762.3	4693.5	4677.7	4693.5	4762.3	4888.1	5123.7	5522.6	5906.1	6164.5
57.5°	5913.3	5765.9	5675.1	5640.6	5675.1	5765.9	5913.3	6125.7	6567.3	7114.9	7230.1
55°	7328.6	7134.1	6966.0	6901.3	6966.0	7134.1	7328.6	7476.3	7659.6	7837.9	8064.7
52.5°	8721.5	8625.0	8465.6	8310.8	8465.6	8625.0	8721.5	8799.0	8888.1	9149.3	9528.3
50°	10104.4	9984.2	9816.7	9636.6	9816.7	9984.2	10104.4	10211.4	10358.8	10697.0	10642.1
47.5°	11521.7	11479.3	11370.9	11239.5	11370.9	11479.3	11521.7	11593.4	11589.5	11647.5	11831.1
45°	14113.9	14148.6	14055.5	13928.2	14055.5	14148.6	14113.9	13987.6	14361.2	15823.4	17395.3
42.5°	25302.0	23230.6	21802.0	21149.1	21802.0	23230.6	25302.0	26537.2	26253.6	31015.7	35602.2
40°	75117.6	73780.3	72233.8	70714.7	72233.8	73780.3	75117.6	75373.0	77419.6	83308.8	83411.9
37.5°	139405.4	139203.5	138452.0	137697.3	138452.0	139203.5	139405.4	138244.4	136869.2	136159.6	134157.3
35°	178046.4	179024.9	179391.0	179383.4	179391.0	179024.9	178046.4	175458.7	171113.5	168370.0	162500.1
32.5°	184118.5	186349.0	187584.2	188051.6	187584.2	186349.0	184118.5	182024.7	177643.0	173376.3	168646.2
30°	171362.9	173686.1	175062.6	175499.8	175062.6	173686.1	171362.9	169269.1	166430.6	162853.2	159366.0
27.5°	149167.4	150528.2	151253.3	151495.7	151253.3	150528.2	149167.4	147587.1	145664.5	143700.1	141365.8
25°	126504.8	127118.1	127525.5	127739.0	127525.5	127118.1	126504.8	126158.6	125044.8	124122.1	122633.4
22.5°	108785.3	108744.4	108540.0	108491.7	108540.0	108744.4	108785.3	108799.7	108573.2	108392.7	107868.4
20°	95476.2	95147.1	94788.8	94509.6	94788.8	95147.1	95476.2	95766.6	96326.3	96534.9	96526.0
17.5°	86200.7	85510.1	85169.9	85245.2	85169.9	85510.1	86200.7	86716.2	87454.8	88028.2	88540.2
15°	79324.6	78661.8	78203.4	78319.3	78203.4	78661.8	79324.6	80026.7	80982.7	81726.4	82450.9
12.5°	73552.7	72789.3	72285.1	72297.9	72285.1	72789.3	73552.7	74460.3	75391.1	76409.8	77213.1
10°	68167.3	67359.9	66820.9	66747.6	66820.9	67359.9	68167.3	69104.7	70250.8	71305.8	72321.1
7.5°	63188.6	62426.5	61853.8	61710.3	61853.8	62426.5	63188.6	64226.3	65375.6	66505.3	67508.2
5°	58669.8	57879.8	57329.9	57124.9	57329.9	57879.8	58669.8	59680.3	60839.3	62018.6	63062.1
2.5°	54258.8	53493.7	52975.1	52777.0	52975.1	53493.7	54258.8	55347.1	56608.0	57865.1	58865.5
0°	50296.3	49516.4	49011.2	48853.0	49011.2	49516.4	50296.3	51327.2	52574.1	53830.0	54950.0
-2.5°	46766.4	46057.6	45621.4	45501.5	45621.4	46057.6	46766.4	47788.9	48985.8	50189.0	51281.7
-5°	43783.2	43049.2	42538.5	42439.7	42538.5	43049.2	43783.2	44747.9	45855.6	46973.8	48070.7
-7.5°	41199.3	40442.7	39991.2	39776.0	39991.2	40442.7	41199.3	42117.4	43125.8	44167.2	45179.7
-10°	38610.3	37914.4	37454.5	37248.4	37454.5	37914.4	38610.3	39442.2	40378.3	41338.7	42320.4
-12.5°	35806.3	35205.2	34798.8	34668.5	34798.8	35205.2	35806.3	36586.3	37473.6	38404.2	39465.0
-15°	32972.8	32315.2	31973.7	31885.1	31973.7	32315.2	32972.8	33746.0	34572.3	35595.0	36697.1
-17.5°	30054.5	29668.9	29275.0	29109.6	29275.0	29668.9	30054.5	30945.3	31742.8	32657.4	33802.3
-20°	26649.0	26106.6	25822.8	25744.4	25822.8	26106.6	26649.0	27305.1	28084.9	28949.3	29967.0

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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	23131.3	22772.8	22600.0	22470.6	22600.0	22772.8	23131.3	23758.7	24374.1	25157.8	25793.2
-25°	20526.4	20263.5	20058.7	19975.9	20058.7	20263.5	20526.4	21027.1	21534.2	22097.3	22581.0
-27.5°	19013.8	18834.2	18684.2	18610.2	18684.2	18834.2	19013.8	19211.1	19508.6	19702.9	20012.1
-30°	16996.0	17176.4	17189.9	17270.9	17189.9	17176.4	16996.0	16929.8	16934.8	16913.8	17027.8
-32.5°	14199.8	14519.3	14696.7	14723.9	14696.7	14519.3	14199.8	13926.3	13691.8	13573.8	13563.9
-35°	10979.3	11362.2	11618.5	11698.1	11618.5	11362.2	10979.3	10716.5	10542.4	10337.0	10439.3
-37.5°	8324.4	8566.3	8782.3	8870.3	8782.3	8566.3	8324.4	8217.1	8128.8	8028.7	8174.4
-40°	6727.0	6845.1	6953.9	6999.0	6953.9	6845.1	6727.0	6657.1	6598.8	6581.2	6694.0
-42.5°	5855.7	5980.1	6112.3	6161.2	6112.3	5980.1	5855.7	5779.3	5699.1	5695.2	5710.7
-45°	5460.8	5637.8	5748.5	5792.0	5748.5	5637.8	5460.8	5305.6	5204.2	5151.6	5140.7
-47.5°	5189.0	5289.7	5338.2	5358.6	5338.2	5289.7	5189.0	4982.2	4825.0	4754.8	4712.5
-50°	4751.0	4807.2	4840.6	4859.5	4840.6	4807.2	4751.0	4677.0	4512.6	4371.6	4274.5
-52.5°	4339.8	4413.9	4435.2	4451.9	4435.2	4413.9	4339.8	4282.8	4187.2	4037.8	3903.7
-55°	3972.6	4022.5	4043.9	4060.5	4043.9	4022.5	3972.6	3900.3	3837.6	3701.5	3556.8
-57.5°	3644.1	3710.3	3747.2	3706.2	3747.2	3710.3	3644.1	3592.9	3555.6	3478.8	3299.7
-60°	3312.1	3393.3	3494.6	3591.4	3494.6	3393.3	3312.1	3260.7	3224.5	3192.4	3037.4
-62.5°	2997.8	3103.1	3219.1	3390.3	3219.1	3103.1	2997.8	2927.8	2871.5	2823.2	2719.2
-65°	2654.6	2740.4	2808.8	2884.7	2808.8	2740.4	2654.6	2578.0	2503.6	2438.1	2366.5
-67.5°	2231.5	2298.6	2367.1	2414.2	2367.1	2298.6	2231.5	2176.2	2118.2	2046.3	1987.7
-70°	1776.6	1838.9	1903.4	1962.3	1903.4	1838.9	1776.6	1751.7	1723.5	1662.5	1608.8
-72.5°	1505.0	1560.0	1545.9	1539.2	1545.9	1560.0	1505.0	1435.7	1378.6	1314.1	1264.4
-75°	1133.7	1076.0	1061.6	1064.6	1061.6	1076.0	1133.7	1178.1	1118.1	1022.1	962.0
-77.5°	742.9	710.5	699.8	696.4	699.8	710.5	742.9	851.0	881.6	753.7	678.2
-80°	470.5	453.3	441.9	442.3	441.9	453.3	470.5	499.0	556.2	500.1	440.5
-82.5°	307.5	301.4	295.0	293.9	295.0	301.4	307.5	322.2	363.2	344.0	298.5
-85°	189.5	188.3	185.0	185.1	185.0	188.3	189.5	189.5	194.6	190.2	184.7
-87.5°	107.4	107.7	106.1	106.2	106.1	107.7	107.4	106.4	100.6	92.7	91.4
-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):

	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°	52.6	50.4	48.6	46.4	44.2	45.4	51.1	50.1	48.1	48.3	46.7
85°	181.0	160.0	158.2	153.4	145.4	138.1	136.9	133.1	129.1	129.7	127.6
82.5°	391.0	349.7	349.4	346.6	328.0	307.3	287.8	275.2	268.0	276.4	280.3
80°	653.8	612.1	612.0	604.4	576.5	543.9	508.8	486.6	479.8	501.8	513.7
77.5°	963.9	935.9	935.2	922.1	889.3	845.1	812.3	797.7	799.3	817.1	821.8
75°	1385.2	1357.4	1364.4	1374.3	1348.5	1293.4	1277.7	1297.2	1304.3	1303.6	1223.1
72.5°	1804.7	1808.0	1856.2	1913.5	1907.7	1865.2	1877.3	1925.6	1974.1	1963.3	1771.3
70°	2216.3	2273.5	2367.4	2465.3	2482.6	2507.2	2606.8	2696.7	2713.2	2681.7	2539.9
67.5°	2765.9	2805.8	2892.1	3008.4	3157.3	3315.4	3485.7	3555.1	3393.4	3275.4	3136.7
65°	3533.8	3454.7	3596.1	3872.8	4114.1	4261.3	4344.8	4154.0	3832.8	3662.1	3492.1
62.5°	4605.0	4410.3	4589.9	5025.4	5191.2	5018.4	4737.0	4423.2	4124.8	3902.6	3794.8
60°	5974.9	5817.4	5925.2	6198.5	5993.2	5523.8	5053.4	4787.5	4609.1	4509.6	4326.4
57.5°	7228.9	7163.4	7063.4	6979.1	6460.8	6044.1	5708.9	5552.3	5400.0	5380.2	5150.3
55°	8380.5	8255.2	7998.1	7729.4	7388.0	7087.8	6890.3	6661.2	6447.6	6307.3	5946.8
52.5°	9571.5	9415.7	9269.5	9137.2	8852.5	8511.8	8182.7	7894.8	7598.9	7247.3	6687.3
50°	10541.8	10699.1	10802.7	10856.9	10518.9	10214.4	9754.0	9534.1	9165.7	8419.4	7711.6
47.5°	12596.5	13413.1	13641.3	14233.1	13867.7	14012.1	13385.8	13000.9	12121.3	10581.2	9474.9
45°	19041.3	21665.0	22482.7	24136.6	23643.7	24194.9	23474.8	21233.7	19672.4	16046.0	12345.0
42.5°	37931.7	43673.2	44759.2	47559.2	47064.2	46809.5	45795.0	42659.4	36677.4	28933.3	20085.9
40°	87711.9	87505.1	88104.2	86405.2	83784.9	79787.4	75510.2	71432.6	64096.6	49179.3	33995.6
37.5°	132127.3	129053.7	126788.8	121581.0	113235.0	105368.6	98180.2	91895.9	84474.9	72035.6	51740.8
35°	158461.4	152989.2	150307.8	144051.1	134798.9	121970.2	111433.2	103920.3	96903.1	86524.2	69524.6
32.5°	164007.6	159452.5	156684.6	153223.8	146676.0	135512.3	120623.6	110807.6	103363.7	95299.3	81240.4
30°	155566.5	152312.2	150071.1	149187.0	146233.5	138668.6	125636.5	112562.5	104666.3	97823.5	87816.2
27.5°	138971.9	136885.6	135516.0	135435.1	136004.6	132879.5	124030.3	111323.3	102256.6	96194.2	88571.5
25°	121525.6	120525.1	120005.6	120453.3	121866.5	122274.6	118377.0	108224.6	97736.9	92357.8	86732.9
22.5°	107398.3	107265.0	107364.6	108074.4	109939.6	111457.8	110374.1	104100.6	94841.6	88459.5	83540.7
20°	96701.3	96764.1	97467.1	98265.7	100231.7	102334.8	103265.8	100313.0	91957.2	85384.4	80826.7
17.5°	88865.3	89337.7	89971.0	90886.8	92727.3	94914.1	96393.0	95448.4	89824.0	83424.1	78723.7
15°	82991.2	83562.4	84326.6	85275.4	86992.9	89057.7	90711.1	91532.4	88021.6	81773.2	77139.1
12.5°	77907.3	78583.6	79383.1	80272.5	81871.0	83824.1	85557.8	86687.7	85247.2	80111.6	75746.6
10°	73023.0	73811.7	74645.1	75568.3	77029.1	78828.1	80529.9	81913.5	81658.6	78124.2	74161.2
7.5°	68373.5	69173.2	70034.6	71040.0	72365.5	74058.1	75596.1	77080.0	77682.0	75548.3	72216.6
5°	63977.3	64852.6	65764.4	66720.4	67918.5	69563.0	70932.0	72355.6	73451.7	72493.0	69936.3
2.5°	59860.5	60799.4	61810.5	62799.4	63868.3	65398.6	66678.4	67932.7	69221.7	69178.1	67438.5
0°	55979.4	56980.6	58006.4	58970.7	60129.7	61580.5	62595.3	63791.7	65075.4	65567.8	64720.9
-2.5°	52375.2	53421.3	54525.0	55534.1	56691.5	58097.6	59001.4	60057.8	61358.3	62305.5	62102.0
-5°	49118.3	50196.9	51289.5	52308.6	53552.7	54764.7	55532.9	56597.2	57888.7	59089.1	59485.6
-7.5°	46218.5	47269.9	48372.3	49343.9	50559.1	51619.2	52363.7	53353.4	54673.9	56055.4	56891.0
-10°	43397.8	44491.8	45549.8	46557.1	47785.1	48664.0	49349.2	50379.9	51718.2	53250.9	54417.8
-12.5°	40573.1	41749.5	42776.7	43715.7	44955.7	45789.7	46494.4	47565.1	48969.6	50552.2	52228.8
-15°	37868.0	38991.8	40046.7	41024.7	42162.3	42935.0	43678.8	44824.9	46344.1	47986.9	50010.9
-17.5°	34967.0	36000.2	37039.4	37990.4	39095.3	39628.9	40369.2	41458.6	42987.6	44607.1	46566.0
-20°	30945.5	31821.3	32619.4	33509.3	34280.2	34825.4	35499.4	36557.0	37866.1	39410.5	40701.6

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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	26546.7	27139.9	27757.0	28447.6	28975.8	29385.4	29984.9	30875.7	31861.6	32834.5	33571.9
-25°	23031.8	23410.0	23765.2	24266.6	24561.5	24937.4	25471.4	26153.9	26893.2	27204.1	27383.3
-27.5°	20176.5	20334.4	20591.0	20946.9	21148.7	21511.4	21916.0	22338.5	22605.1	22771.8	22951.8
-30°	17064.3	17137.5	17397.2	17666.0	17969.8	18297.5	18595.3	18865.2	18976.4	19142.5	19460.7
-32.5°	13680.3	13819.7	14196.0	14625.0	15063.1	15393.7	15657.8	15861.8	16020.5	16135.9	16443.4
-35°	10577.5	10986.5	11466.9	12094.3	12656.0	13020.7	13245.3	13330.2	13368.2	13423.2	13567.5
-37.5°	8398.9	8839.2	9347.6	10060.2	10622.6	10915.2	10911.9	10855.6	10819.8	10836.6	10977.0
-40°	6853.2	7220.8	7767.0	8348.9	8728.8	8791.8	8694.6	8567.7	8476.4	8569.8	8849.0
-42.5°	5811.7	6082.9	6450.5	6860.8	7084.3	7090.2	7022.0	6902.1	6916.5	7037.3	7316.0
-45°	5162.9	5325.7	5558.4	5822.0	5913.1	5949.8	5864.5	5740.3	5741.8	5827.7	6113.9
-47.5°	4703.9	4791.4	4993.3	5175.1	5218.2	5143.9	5014.8	4914.3	4809.8	4802.2	4894.4
-50°	4232.7	4287.0	4412.5	4512.4	4516.7	4434.2	4205.9	4053.5	3886.5	3764.6	3784.9
-52.5°	3795.7	3775.6	3793.9	3874.0	3888.0	3801.2	3568.3	3363.0	3138.5	3009.6	2958.7
-55°	3449.0	3386.5	3381.7	3413.8	3345.8	3239.7	3056.5	2856.2	2619.8	2474.4	2354.7
-57.5°	3199.2	3110.1	3108.8	3116.5	2998.7	2861.9	2698.2	2479.5	2256.7	2112.5	2009.2
-60°	2933.3	2862.4	2858.1	2839.3	2759.7	2605.7	2415.9	2178.4	1979.1	1849.4	1743.1
-62.5°	2611.9	2549.1	2556.1	2495.6	2433.2	2291.0	2114.4	1889.7	1701.7	1594.8	1498.9
-65°	2285.9	2219.4	2187.2	2124.9	2052.5	1936.0	1766.6	1565.9	1431.6	1349.3	1267.6
-67.5°	1936.9	1887.1	1842.9	1792.4	1713.7	1603.8	1450.5	1286.9	1189.9	1123.9	1054.7
-70°	1572.7	1530.5	1492.7	1456.3	1376.0	1273.0	1151.1	1042.8	972.0	918.5	861.9
-72.5°	1237.7	1199.5	1166.5	1127.8	1058.4	969.3	883.7	818.1	772.6	732.4	689.1
-75°	931.9	894.3	865.1	829.2	776.7	712.0	657.6	620.6	588.3	555.1	520.3
-77.5°	645.5	612.1	588.0	561.1	532.0	497.8	471.3	447.3	422.9	399.2	377.6
-80°	409.9	397.5	383.6	370.6	360.1	343.6	329.1	312.5	295.3	280.3	265.5
-82.5°	281.8	272.6	263.6	251.9	241.2	229.8	217.0	207.2	198.1	189.4	179.2
-85°	176.3	168.3	164.5	155.7	148.5	142.1	131.9	127.0	123.2	118.7	112.9
-87.5°	86.8	83.6	82.1	78.7	77.0	73.6	68.6	66.5	64.2	61.8	59.5
-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):

	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°	43.1	41.3	40.0	37.7	37.3	35.7	33.2	29.5	25.8	22.4	20.3
85°	130.8	122.7	109.9	99.6	93.6	84.8	74.0	61.8	51.6	44.7	40.6
82.5°	273.2	242.6	208.7	186.5	168.5	153.6	135.7	117.9	101.0	83.3	68.1
80°	471.3	399.0	336.5	308.4	281.7	251.2	215.8	180.7	152.8	130.1	109.6
77.5°	719.0	590.8	511.9	467.4	415.5	362.4	312.5	270.7	228.8	184.5	150.9
75°	1013.3	850.2	745.8	657.0	568.4	504.7	437.9	369.7	310.3	256.9	204.7
72.5°	1467.6	1224.4	1031.1	880.0	767.0	670.3	571.5	492.9	410.8	328.1	264.9
70°	2118.7	1691.4	1356.5	1135.0	968.7	858.5	744.4	624.0	519.9	418.8	323.9
67.5°	2689.6	2190.8	1732.4	1406.1	1171.4	1058.8	917.9	773.0	637.0	509.6	396.6
65°	3128.0	2637.3	2119.1	1694.0	1434.4	1273.8	1113.4	925.7	761.6	603.1	469.0
62.5°	3512.3	3084.1	2545.5	2080.4	1744.7	1537.1	1316.4	1090.3	887.3	701.7	538.6
60°	4038.6	3608.9	3028.8	2495.8	2096.0	1806.7	1526.3	1253.4	1027.9	795.5	617.6
57.5°	4753.0	4212.0	3558.6	2927.3	2461.7	2080.9	1727.1	1422.5	1162.6	908.4	693.7
55°	5409.0	4830.5	4097.4	3371.1	2808.1	2346.1	1919.6	1581.2	1296.7	1021.1	766.9
52.5°	6094.1	5461.7	4643.8	3788.2	3111.5	2576.0	2095.2	1737.3	1425.4	1127.3	855.5
50°	6974.9	6203.5	5258.3	4165.3	3371.8	2771.8	2271.2	1882.8	1550.7	1236.5	940.6
47.5°	8296.8	7177.8	5941.1	4607.0	3614.8	2943.7	2430.6	2031.2	1678.4	1341.9	1019.6
45°	10425.6	8648.7	6858.4	4987.7	3858.8	3132.5	2584.4	2177.1	1801.2	1442.8	1100.3
42.5°	13682.3	10686.6	8170.4	5636.8	4102.4	3315.6	2746.8	2319.9	1923.9	1546.3	1184.4
40°	21795.0	14315.3	9788.3	6288.5	4383.5	3479.4	2930.5	2469.2	2043.9	1644.8	1263.3
37.5°	33232.9	21160.9	13662.0	8016.8	4871.5	3667.6	3105.5	2613.2	2157.9	1738.1	1336.6
35°	48228.0	30179.3	18974.8	9934.7	5429.4	3921.3	3281.1	2756.7	2271.9	1831.8	1409.9
32.5°	61202.3	41539.7	27322.3	15251.7	7178.6	4366.0	3468.4	2892.8	2384.8	1924.8	1481.5
30°	71622.0	51312.2	35918.2	20911.7	8833.6	4824.8	3640.8	3014.0	2491.7	2013.4	1546.0
27.5°	75826.4	58310.4	43084.7	27594.0	12566.2	5781.7	3840.0	3119.7	2587.2	2091.2	1603.6
25°	77454.7	62802.8	47580.3	34133.8	17230.1	7205.2	4182.1	3218.4	2672.2	2158.0	1654.0
22.5°	76315.5	64480.1	50670.5	40031.9	21618.3	8581.0	4555.8	3288.6	2747.8	2218.3	1705.0
20°	74715.7	65054.1	52813.3	42509.0	26117.9	10165.9	4965.9	3353.1	2818.9	2272.1	1752.9
17.5°	73470.7	65236.7	53938.9	44241.1	30290.9	13520.1	5674.8	3396.3	2883.7	2319.8	1792.9
15°	72138.0	64628.1	54256.2	45263.8	33764.9	16571.4	6834.6	3549.8	2938.5	2360.0	1825.7
12.5°	71081.8	63932.9	54347.9	45555.6	36428.6	19228.2	8073.7	3932.1	2983.6	2397.3	1852.2
10°	70087.9	63420.9	54270.3	45608.9	38273.0	21571.5	9269.3	4356.9	3049.7	2430.9	1871.9
7.5°	68952.3	62951.2	54339.4	45641.0	38668.8	23651.8	10651.3	4873.8	3128.7	2456.8	1884.9
5°	67398.6	62460.2	54396.7	45970.5	38949.8	25486.5	11969.4	5388.8	3224.9	2476.4	1892.5
2.5°	65688.8	61882.7	54410.5	46291.8	39276.6	27250.2	13583.5	5980.9	3335.7	2488.0	1892.7
0°	63753.8	61087.2	54343.4	46588.5	39588.7	28741.3	15057.0	6503.7	3429.2	2490.2	1885.7
-2.5°	61831.1	60017.8	53829.7	46624.4	39797.8	29796.8	16458.8	7171.4	3630.7	2520.7	1888.2
-5°	59868.7	58695.6	53011.8	46430.3	39828.4	30443.7	17558.5	7682.0	3789.3	2539.7	1883.1
-7.5°	57986.4	57103.7	51896.9	46057.6	39693.2	30564.6	18204.9	8274.9	4066.0	2577.0	1870.1
-10°	56048.2	55154.5	50532.1	45513.5	39376.8	30338.0	18545.7	8715.4	4382.4	2687.8	1866.3
-12.5°	54001.1	52785.2	48906.0	44881.7	38731.3	29804.5	18472.1	9053.1	4651.4	2763.5	1853.4
-15°	51425.2	49883.7	46878.3	43811.3	37832.8	28831.7	18141.0	9264.7	5138.1	2871.2	1825.4
-17.5°	47609.3	45655.4	44072.8	41433.9	35723.1	27566.8	17195.0	9541.9	5505.3	2992.5	1794.3
-20°	40974.6	39957.2	39377.1	37410.0	32609.6	24855.8	16419.0	9733.7	5795.0	3005.1	1748.6

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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°	33368.8	33374.4	33605.0	32469.7	28485.9	22241.0	15431.4	9867.4	6017.9	2911.9	1672.7
-25°	27430.4	27718.9	28155.4	27570.9	24805.5	20224.4	14673.4	9989.0	6138.4	2657.1	1595.8
-27.5°	23236.6	23602.2	23858.1	23577.4	22027.5	18797.0	14271.7	10066.9	5626.2	2511.5	1527.9
-30°	19818.1	20101.3	20390.1	20459.5	20044.3	17864.0	14140.5	9436.3	4900.3	2338.5	1447.7
-32.5°	16759.4	17070.7	17443.9	18092.9	18513.4	17271.4	13703.8	8098.7	4084.2	2107.1	1355.1
-35°	13911.2	14354.0	14975.5	16001.4	17458.3	16301.3	12929.4	6082.6	3137.9	1859.9	1250.3
-37.5°	11413.2	12024.1	12908.6	14364.0	15458.1	14588.0	10661.7	4497.9	2566.5	1661.8	1155.7
-40°	9352.0	10075.5	11096.3	12602.3	13263.1	12124.8	7173.7	3578.1	2265.4	1529.0	1078.6
-42.5°	7800.1	8473.0	9176.1	10027.7	10102.3	8644.9	4091.6	2778.5	1959.7	1386.2	993.7
-45°	6419.9	6684.7	7129.2	7553.6	6725.8	5407.4	3369.3	2375.4	1706.1	1234.1	901.4
-47.5°	4999.5	4980.1	5034.0	4935.3	4455.5	3489.4	2750.0	2037.1	1514.1	1120.8	817.6
-50°	3736.1	3631.9	3652.5	3432.8	3379.5	2932.6	2316.2	1717.0	1311.8	994.2	742.1
-52.5°	2895.7	2845.1	2805.5	2810.7	2682.3	2418.6	1892.7	1459.3	1133.2	862.5	662.0
-55°	2310.7	2228.3	2095.5	2116.0	1954.2	1852.2	1506.4	1181.1	970.6	764.7	580.0
-57.5°	1902.8	1780.1	1654.0	1541.7	1514.6	1373.1	1160.9	993.3	814.3	665.2	517.5
-60°	1636.8	1529.0	1408.2	1303.2	1195.4	1060.8	927.5	811.1	703.2	569.5	454.6
-62.5°	1405.6	1309.8	1201.4	1103.3	990.7	868.0	779.1	684.9	593.6	494.1	390.9
-65°	1188.6	1105.4	1010.7	925.4	829.9	739.0	661.9	579.5	501.4	417.0	340.3
-67.5°	988.9	917.5	837.2	762.2	677.5	618.4	551.3	483.7	414.1	350.8	289.0
-70°	807.9	747.4	678.8	617.2	553.0	501.0	451.2	391.3	340.6	292.6	238.6
-72.5°	641.6	590.6	540.8	487.7	441.5	402.3	353.7	317.1	279.2	236.2	198.6
-75°	480.1	445.4	410.8	370.5	338.2	316.4	283.7	251.0	222.3	191.5	158.2
-77.5°	351.1	320.1	297.7	276.5	258.9	242.4	217.0	194.7	173.7	146.8	121.8
-80°	249.3	231.2	214.1	202.7	189.6	180.2	161.6	142.2	127.0	109.8	92.6
-82.5°	169.7	159.8	151.3	144.9	131.4	123.0	112.0	99.0	88.5	75.9	63.3
-85°	108.0	103.2	99.0	96.4	89.4	76.1	68.8	58.2	51.0	45.6	40.1
-87.5°	56.8	54.1	51.1	49.0	46.0	35.9	33.1	28.5	25.5	22.8	20.1
-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):

	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°	18.6	17.1	13.9	10.5	7.1	3.6	0.0
85°	37.2	34.2	27.8	21.0	14.2	7.2	0.0
82.5°	55.8	51.2	41.7	31.5	21.2	10.7	0.0
80°	90.0	71.2	55.5	41.9	28.2	14.3	0.0
77.5°	125.5	98.6	71.5	52.2	35.2	17.8	0.0
75°	160.4	125.5	91.5	62.5	42.1	21.3	0.0
72.5°	205.6	151.7	111.2	76.0	48.9	24.7	0.0
70°	253.4	183.0	130.6	90.2	55.7	28.1	0.0
67.5°	300.0	219.7	149.6	104.1	62.3	31.5	0.0
65°	351.6	255.2	173.1	117.7	70.1	34.8	0.0
62.5°	408.6	289.5	200.4	130.9	78.6	38.0	0.0
60°	463.7	327.7	226.9	143.7	86.9	41.1	0.0
57.5°	516.7	370.8	252.7	156.6	94.9	44.2	0.0
55°	578.4	412.2	277.7	174.7	102.7	47.2	0.0
52.5°	638.5	452.1	303.5	192.1	110.2	50.1	0.0
50°	696.8	491.8	335.0	208.7	117.4	52.9	0.0
47.5°	754.8	539.8	364.9	224.5	124.2	55.6	0.0
45°	817.5	585.1	392.6	239.5	130.8	58.2	0.0
42.5°	875.0	627.6	418.7	253.7	137.0	60.7	0.0
40°	927.8	667.3	443.1	266.7	142.8	63.1	0.0
37.5°	977.0	704.0	465.8	278.5	148.3	65.4	0.0
35°	1031.1	740.6	490.8	292.6	155.3	67.9	0.0
32.5°	1085.2	775.9	515.7	306.7	162.3	70.4	0.0
30°	1133.7	808.4	538.5	319.4	168.7	72.7	0.0
27.5°	1179.1	838.1	558.8	330.7	174.7	74.8	0.0
25°	1220.5	865.0	577.3	340.7	180.3	76.8	0.0
22.5°	1257.1	889.0	594.1	349.3	185.3	78.6	0.0
20°	1290.8	910.2	609.1	356.5	189.8	80.2	0.0
17.5°	1322.0	928.3	622.2	363.8	193.7	81.6	0.0
15°	1346.8	945.1	633.4	370.5	197.1	82.9	0.0
12.5°	1366.0	960.4	642.4	375.9	199.8	83.9	0.0
10°	1379.6	972.5	649.0	380.2	202.1	84.8	0.0
7.5°	1390.9	981.5	653.1	383.2	203.7	85.4	0.0
5°	1397.8	986.7	654.9	385.1	204.8	85.9	0.0
2.5°	1399.2	988.1	654.4	385.8	205.3	86.2	0.0
0°	1395.3	985.8	651.7	385.3	205.3	86.3	0.0
-2.5°	1391.1	981.2	649.0	384.0	204.9	86.2	0.0
-5°	1381.5	972.8	644.2	381.5	203.8	85.9	0.0
-7.5°	1366.4	960.8	637.2	377.9	202.3	85.4	0.0
-10°	1345.5	945.1	628.1	373.2	200.2	84.7	0.0
-12.5°	1317.7	925.4	617.0	367.4	197.5	83.9	0.0
-15°	1283.2	902.2	603.3	360.6	194.4	82.8	0.0
-17.5°	1241.7	877.7	586.2	352.6	190.7	81.6	0.0
-20°	1194.0	851.7	567.4	343.5	186.5	80.2	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1150.1	822.6	546.8	333.2	181.8	78.6	0.0
-25°	1107.1	791.5	524.7	321.9	176.6	76.8	0.0
-27.5°	1061.0	758.3	500.9	309.8	170.9	74.9	0.0
-30°	1012.3	722.4	475.9	297.0	164.7	72.8	0.0
-32.5°	960.8	684.1	451.1	283.4	158.3	70.5	0.0
-35°	903.2	643.4	424.6	269.1	151.4	68.1	0.0
-37.5°	844.1	603.0	399.3	255.2	144.7	65.7	0.0
-40°	789.4	566.0	378.8	243.5	139.3	63.4	0.0
-42.5°	733.1	527.5	357.2	231.4	133.7	61.0	0.0
-45°	674.0	487.4	334.8	218.8	127.7	58.5	0.0
-47.5°	611.8	445.9	311.4	205.7	121.4	55.9	0.0
-50°	558.3	403.2	287.3	192.1	114.9	53.2	0.0
-52.5°	505.9	372.0	262.3	178.0	108.1	50.4	0.0
-55°	452.8	339.6	241.7	163.5	101.1	47.5	0.0
-57.5°	398.9	306.2	221.8	148.5	93.8	44.5	0.0
-60°	357.3	272.1	201.3	136.9	86.3	41.4	0.0
-62.5°	314.6	241.6	180.3	125.3	78.6	38.2	0.0
-65°	270.7	214.0	158.9	113.4	70.8	35.0	0.0
-67.5°	231.3	185.7	139.7	101.3	63.4	31.7	0.0
-70°	196.1	156.7	123.3	88.9	56.6	28.3	0.0
-72.5°	160.6	131.0	106.6	76.4	49.8	24.9	0.0
-75°	127.5	108.2	89.7	64.2	42.8	21.4	0.0
-77.5°	101.8	85.2	72.5	53.7	35.8	17.9	0.0
-80°	76.3	61.8	57.3	43.1	28.7	14.4	0.0
-82.5°	51.7	44.4	43.1	32.4	21.6	10.8	0.0
-85°	34.5	29.5	28.7	21.6	14.4	7.2	0.0
-87.5°	17.3	14.7	14.4	10.8	7.2	3.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)