

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: P902068 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 11/13/2024

Test Information

Test Method: LM-79-08
Report Number: P902068 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (LVM2J48800)
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-NWB-LT
Description: ARENAVISION LUMINAIRE
5700K, 85 CRI LEDS AND A35-NWB-LT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	146379 lumens	Max Intensity:	245817.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 32.5°V
Efficacy:	103.6 lumens/watt		
Luminous Opening:	Rectangular (W 2m x L: 2m x H: 0m)		

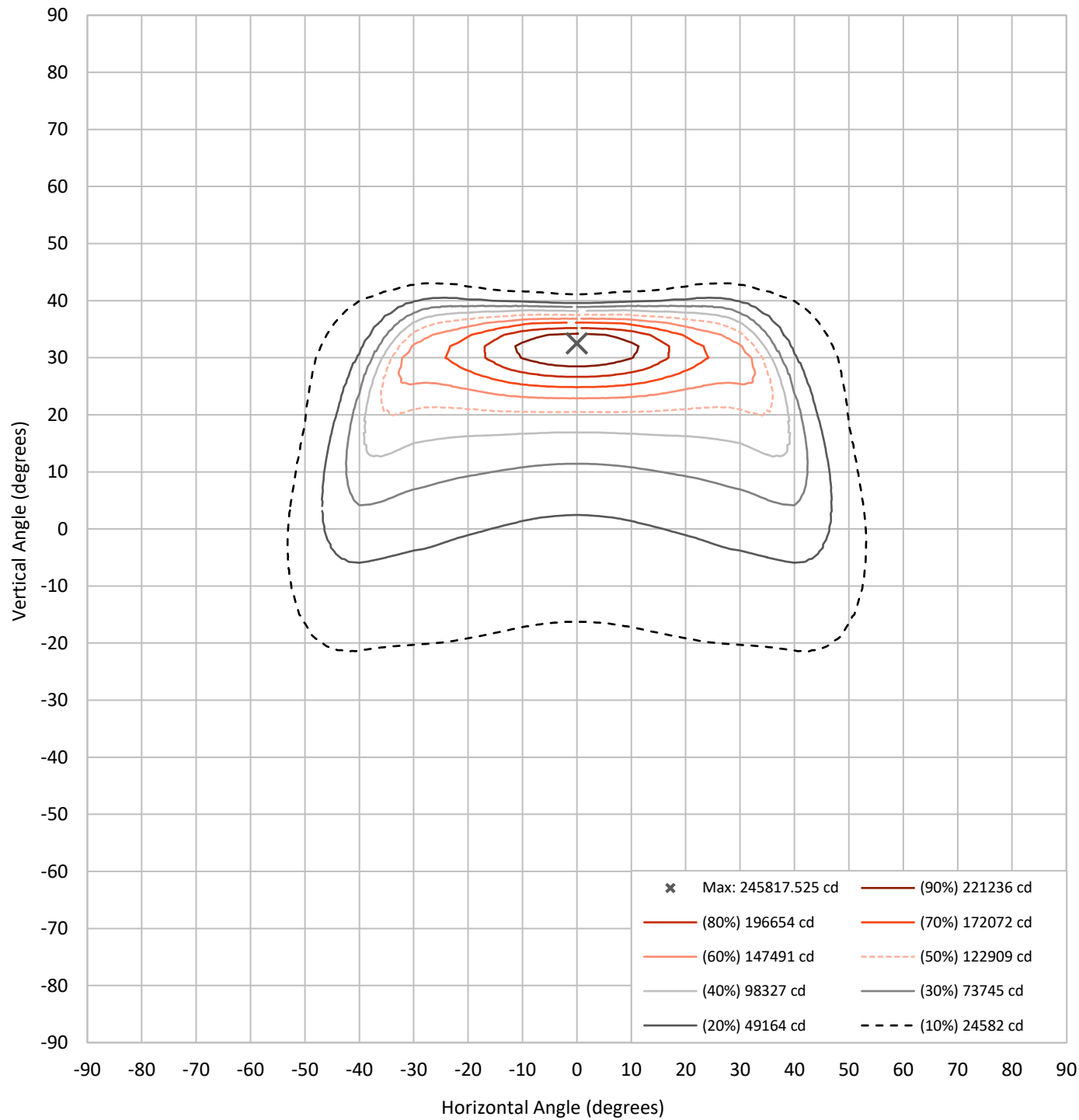
Beam Angle (50%):	64.9°H x 17°V	Field Angle (10%):	93.7°H x 57.3°V
Beam Lumens:	54466.5 lumens	Field Lumens:	128778.9 lumens
Beam Efficiency:	37.2%	Field Efficiency:	88.0%

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



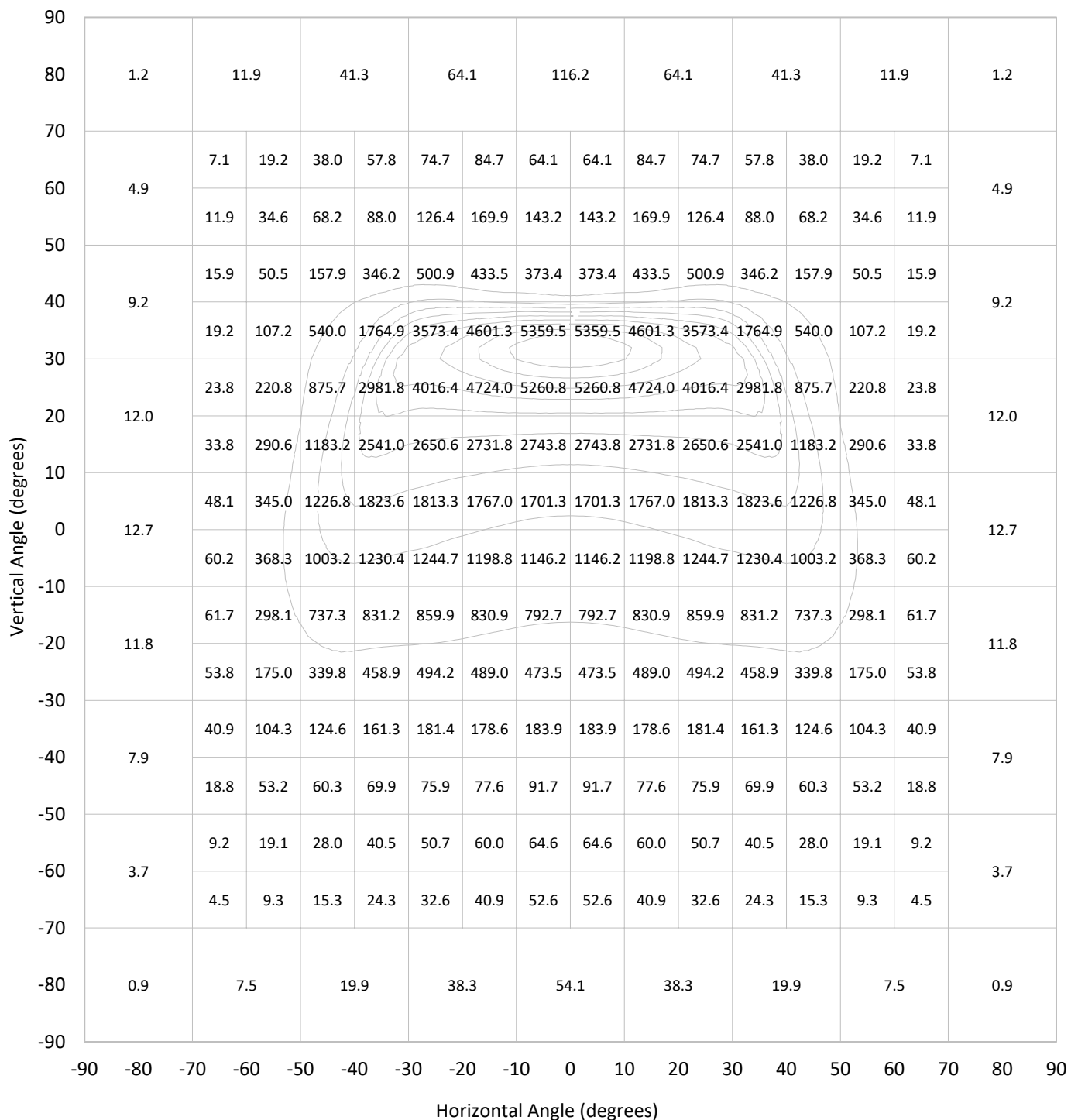
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Iso-Candela Plot



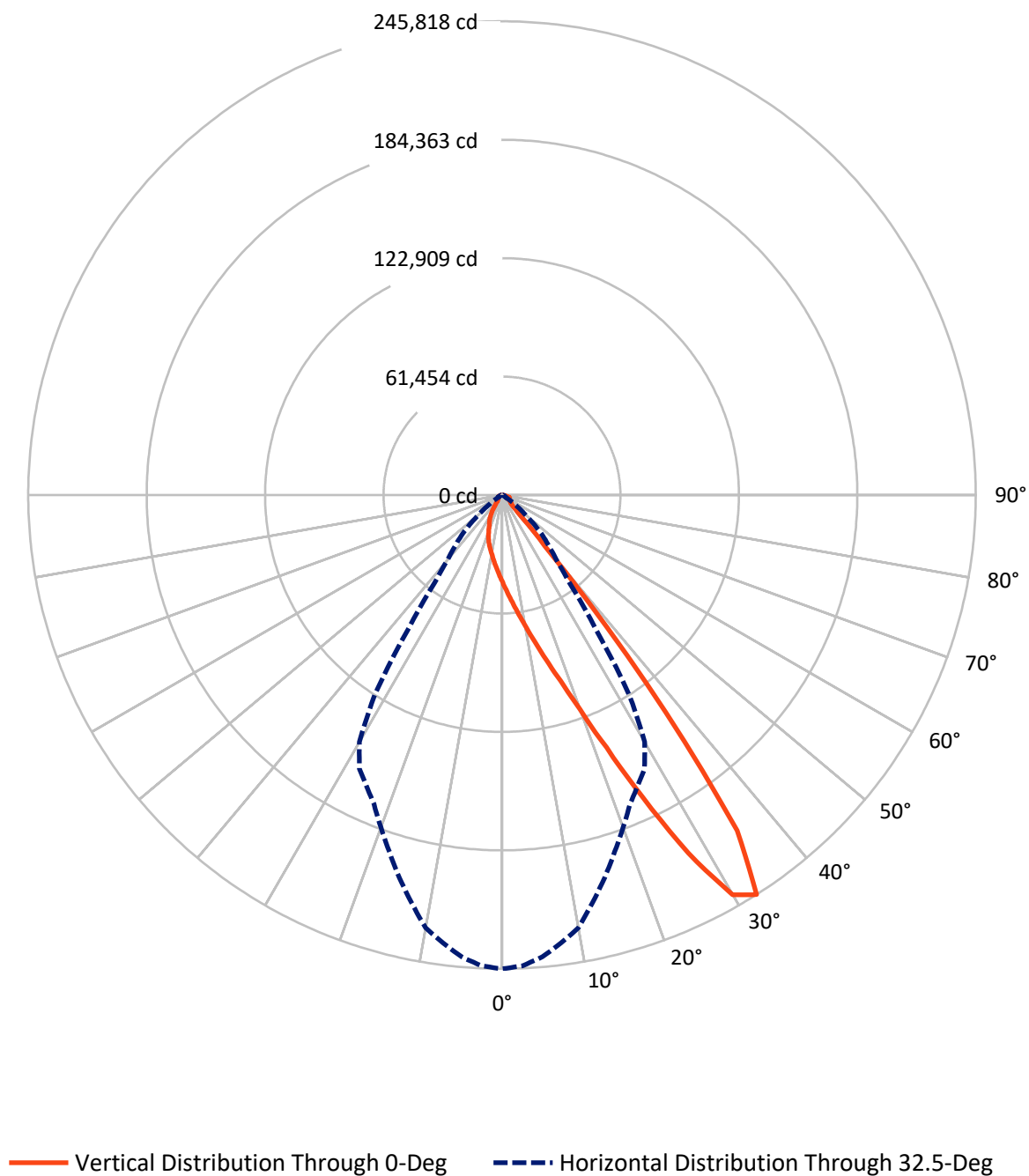
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Lumen Table



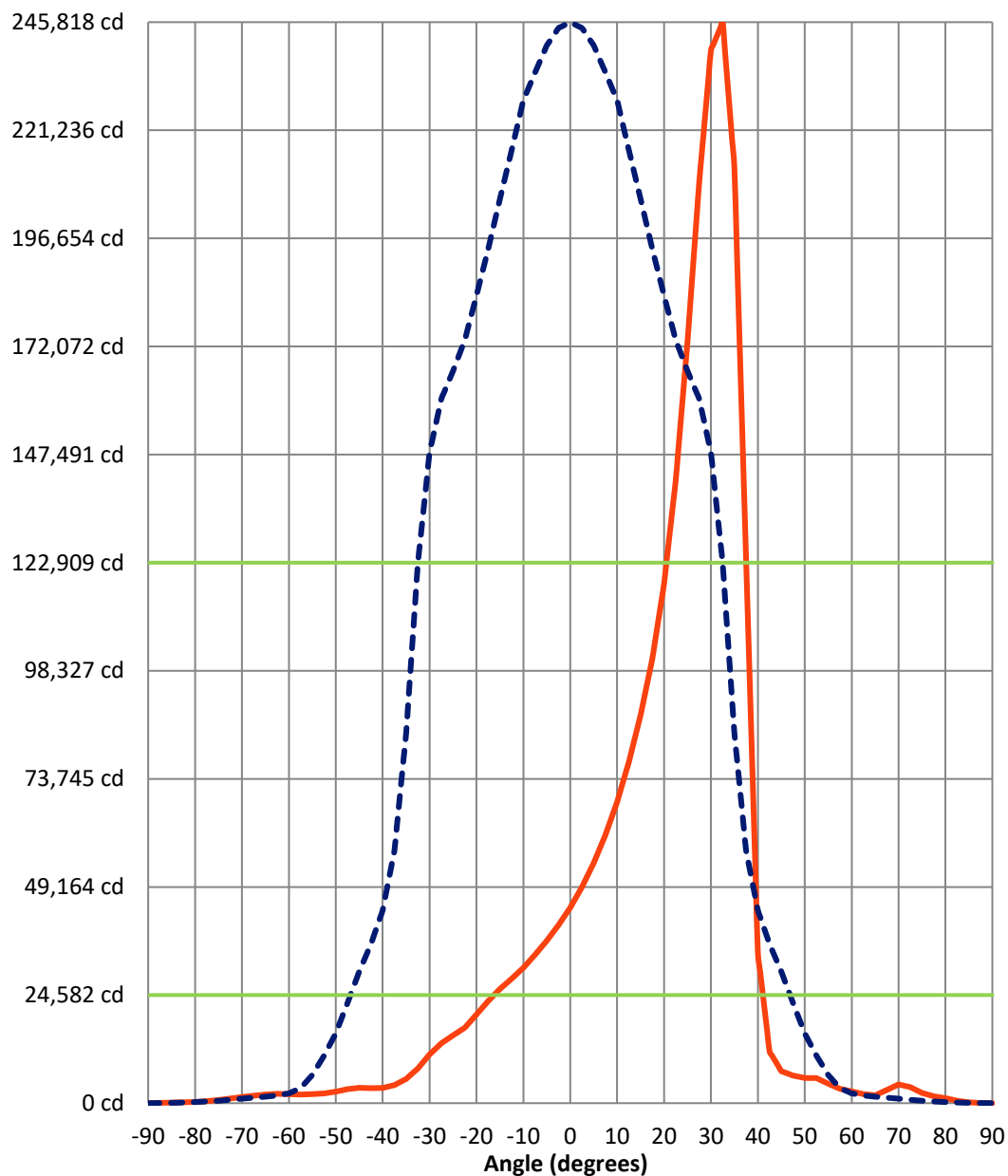
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 64.9°
V Angle: 17°
Lumens: 54466.5
Efficiency: 37.2%

Field:
H Angle: 93.7°
V Angle: 57.3°
Lumens: 128778.9
Efficiency: 88.0%

Spill:
Lumens: 17600.1
Efficiency: 12.0%

— 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	2.1	4.2	6.3	8.5	10.9	13.3	14.7	16.8	18.7	20.6
85°	0.0	4.3	8.5	12.6	16.9	21.8	26.6	29.5	33.5	37.5	42.4
82.5°	0.0	6.4	12.7	18.8	25.3	32.6	39.7	47.0	56.1	64.6	74.1
80°	0.0	8.5	16.9	25.1	33.7	44.3	58.3	70.2	81.7	92.6	110.2
77.5°	0.0	10.6	21.1	31.3	42.9	58.2	77.1	93.1	111.8	137.0	164.2
75°	0.0	12.7	25.2	37.4	53.4	72.0	95.4	122.7	152.6	184.9	223.8
72.5°	0.0	14.7	29.3	43.6	63.5	85.6	119.3	155.8	192.5	244.6	299.0
70°	0.0	16.8	33.3	49.6	73.2	101.9	144.5	188.0	244.2	309.0	375.8
67.5°	0.0	18.8	37.3	55.5	82.5	121.0	168.7	228.3	295.7	374.5	456.5
65°	0.0	20.7	41.0	61.2	93.4	139.3	195.7	268.4	349.5	441.8	538.8
62.5°	0.0	22.6	44.5	66.7	105.8	156.9	225.7	306.5	408.6	510.6	628.0
60°	0.0	24.5	48.0	72.1	117.7	176.1	254.4	349.9	466.5	591.7	715.6
57.5°	0.0	26.3	51.3	77.5	129.0	197.1	281.6	390.0	523.2	666.6	801.5
55°	0.0	28.1	54.6	85.8	139.6	216.6	312.7	427.7	580.2	734.4	881.6
52.5°	0.0	29.8	57.7	93.9	150.5	234.6	341.5	475.1	636.7	801.7	961.5
50°	0.0	31.5	60.8	101.6	164.7	252.3	367.8	519.8	698.3	868.7	1035.0
47.5°	0.0	33.1	63.7	108.9	178.7	274.1	392.7	560.2	758.3	934.4	1110.0
45°	0.0	34.7	66.5	115.7	192.7	295.5	420.3	602.8	813.4	998.3	1178.2
42.5°	0.0	36.2	69.3	122.2	205.9	316.3	443.7	644.8	865.2	1059.0	1238.5
40°	0.0	37.6	71.8	128.4	218.2	336.4	467.4	681.2	915.2	1115.5	1304.9
37.5°	0.0	38.9	74.3	134.2	229.6	355.9	493.7	712.4	963.1	1165.5	1363.4
35°	0.0	40.1	77.6	141.6	242.3	374.4	523.7	740.8	997.3	1212.0	1417.6
32.5°	0.0	41.1	81.1	149.1	254.6	391.0	553.0	772.3	1031.2	1255.9	1473.3
30°	0.0	42.1	84.2	155.8	265.7	405.8	577.7	801.2	1066.7	1297.5	1520.8
27.5°	0.0	43.1	87.1	161.9	275.9	418.8	597.6	824.0	1096.1	1336.0	1562.5
25°	0.0	43.9	89.7	167.2	285.3	430.1	614.4	840.8	1115.9	1371.2	1601.1
22.5°	0.0	44.7	92.1	171.9	293.7	440.7	628.4	859.5	1132.6	1397.9	1625.3
20°	0.0	45.3	94.2	175.8	301.2	452.1	640.4	876.6	1149.0	1420.1	1644.3
17.5°	0.0	45.9	96.1	179.7	307.8	462.1	652.3	889.2	1159.3	1436.8	1659.8
15°	0.0	46.5	97.7	183.3	313.3	471.1	661.7	898.9	1162.5	1452.3	1724.0
12.5°	0.0	46.9	99.0	186.3	318.4	478.8	667.9	906.6	1169.6	1468.5	1876.5
10°	0.0	47.3	100.1	188.7	322.5	483.6	671.1	910.9	1181.4	1499.5	2041.1
7.5°	0.0	47.5	100.9	190.5	325.5	486.1	673.8	912.3	1190.0	1534.2	2232.0
5°	0.0	47.7	101.4	191.7	327.4	486.8	674.5	912.4	1199.8	1575.5	2421.5
2.5°	0.0	47.8	101.7	192.3	328.1	485.9	672.7	908.8	1207.4	1623.8	2641.0
0°	0.0	47.9	101.7	192.3	327.7	483.3	668.4	901.7	1210.5	1664.9	2833.5
-2.5°	0.0	47.8	101.5	191.6	323.9	481.8	667.1	901.1	1222.4	1739.7	3060.3
-5°	0.0	47.7	101.1	190.3	319.2	478.6	663.4	897.0	1228.3	1797.4	3232.7
-7.5°	0.0	47.5	100.4	188.5	313.4	473.8	657.3	889.3	1239.0	1886.7	3429.8
-10°	0.0	47.2	99.5	186.0	306.9	467.2	648.9	885.5	1274.4	1982.7	3571.9
-12.5°	0.0	46.9	98.3	183.1	299.5	458.6	638.2	878.3	1295.1	2057.5	3628.2
-15°	0.0	46.4	96.8	179.6	292.2	447.8	624.5	865.2	1326.3	2186.0	3614.8
-17.5°	0.0	45.9	95.1	175.5	285.9	435.8	607.8	852.6	1363.4	2284.4	3660.1
-20°	0.0	45.3	93.1	171.0	278.7	422.8	587.6	834.9	1361.9	2378.3	3724.3

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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	44.6	90.9	166.1	270.6	408.6	566.7	804.3	1324.3	2453.2	3776.1
-25°	0.0	43.9	88.5	160.7	261.5	393.1	545.4	772.6	1237.7	2485.8	3820.5
-27.5°	0.0	43.0	85.8	154.8	251.5	376.6	522.2	747.5	1188.5	2342.8	3834.1
-30°	0.0	42.1	82.9	148.4	240.6	359.2	498.4	715.3	1124.9	2117.7	3650.9
-32.5°	0.0	41.2	79.8	141.6	229.0	341.0	476.1	675.8	1037.2	1845.9	3254.9
-35°	0.0	40.1	76.4	134.3	216.6	322.2	450.9	629.9	940.0	1505.8	2652.8
-37.5°	0.0	39.0	73.3	127.2	204.3	303.7	425.0	588.5	857.8	1285.6	2106.5
-40°	0.0	37.6	70.9	121.6	193.5	286.2	400.3	553.6	796.7	1158.4	1737.7
-42.5°	0.0	36.2	68.4	115.7	182.1	267.7	373.2	513.3	731.1	1025.9	1410.7
-45°	0.0	34.7	65.8	109.5	170.2	248.4	343.7	468.1	661.4	912.9	1235.3
-47.5°	0.0	33.2	63.1	103.0	157.7	228.3	312.3	428.8	607.8	822.8	1087.5
-50°	0.0	31.6	60.3	96.3	144.8	207.4	286.0	392.3	544.8	727.1	946.6
-52.5°	0.0	29.9	57.4	89.3	131.4	190.6	260.1	352.0	477.8	637.1	818.0
-55°	0.0	28.2	54.3	82.1	121.0	173.2	233.7	309.4	427.6	549.5	675.7
-57.5°	0.0	26.4	51.2	74.7	111.1	155.4	207.0	277.2	377.7	463.4	570.9
-60°	0.0	24.6	47.9	69.6	100.9	137.1	185.1	244.4	329.4	407.5	473.7
-62.5°	0.0	22.7	44.6	64.6	90.5	121.5	162.7	210.3	284.0	352.3	405.3
-65°	0.0	20.8	41.2	59.5	79.8	108.2	139.7	183.6	236.2	294.6	344.4
-67.5°	0.0	18.8	37.6	54.3	70.8	94.6	120.1	155.5	195.5	237.3	285.1
-70°	0.0	16.8	33.6	49.0	63.7	80.8	103.5	127.5	160.4	191.1	226.9
-72.5°	0.0	14.8	29.5	43.6	56.6	69.4	86.8	107.3	126.9	154.1	182.2
-75°	0.0	12.7	25.4	38.0	49.3	60.4	71.3	86.6	103.8	121.2	143.8
-77.5°	0.0	10.6	21.2	31.8	42.0	51.2	60.4	68.6	80.7	95.8	113.4
-80°	0.0	8.5	17.0	25.5	34.0	42.0	49.3	56.1	63.7	72.0	85.6
-82.5°	0.0	6.4	12.8	19.2	25.5	31.8	38.0	43.5	49.0	54.9	63.6
-85°	0.0	4.3	8.6	12.8	17.0	21.2	25.4	29.5	33.6	37.5	42.7
-87.5°	0.0	2.1	4.3	6.4	8.5	10.6	12.7	14.8	16.8	18.7	21.4
-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):

	-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°	23.5	25.5	26.6	27.4	26.4	27.7	29.5	26.5	24.7	25.6	26.7
85°	49.9	56.1	59.5	62.4	65.1	69.8	71.6	72.2	72.8	77.1	79.5
82.5°	84.4	94.3	99.0	107.7	118.8	132.5	140.9	150.6	155.2	167.7	172.3
80°	131.0	149.3	160.0	172.6	189.9	218.4	242.1	266.2	275.5	299.7	310.5
77.5°	188.5	212.9	234.0	260.2	288.8	327.1	373.3	420.2	436.6	474.1	505.0
75°	264.3	296.3	320.2	367.5	417.1	466.1	530.3	621.4	683.7	740.0	783.9
72.5°	345.4	391.6	435.6	496.0	581.3	666.8	760.3	888.2	1005.0	1078.9	1147.6
70°	438.7	496.3	564.6	664.2	780.6	924.3	1082.4	1245.6	1346.6	1432.5	1527.7
67.5°	531.2	611.8	705.2	850.8	1025.6	1213.2	1389.7	1545.9	1644.8	1755.5	1898.5
65°	627.3	729.7	871.7	1050.6	1274.2	1493.1	1663.7	1774.5	1871.2	1987.0	2167.2
62.5°	729.8	875.0	1048.4	1274.4	1526.9	1772.0	1934.4	2017.7	2047.7	2169.9	2330.4
60°	846.2	1023.1	1241.9	1502.9	1789.4	2067.4	2274.0	2386.4	2405.6	2442.1	2550.8
57.5°	956.9	1173.6	1440.0	1736.0	2050.8	2370.3	2668.4	2895.3	2866.2	2818.7	2875.5
55°	1063.5	1318.1	1630.1	1946.0	2303.3	2663.3	2998.5	3329.1	3380.9	3298.8	3276.7
52.5°	1158.8	1447.4	1777.9	2133.2	2540.9	2946.8	3304.8	3654.9	3869.5	3846.8	3752.3
50°	1254.1	1558.9	1909.8	2297.1	2800.3	3260.3	3657.6	4036.2	4348.7	4489.2	4366.8
47.5°	1334.8	1656.7	2020.8	2477.6	3076.7	3647.4	4171.9	4685.8	5096.0	5579.8	5720.3
45°	1404.4	1745.8	2124.7	2623.2	3413.5	4197.0	4980.7	5763.2	7175.1	8492.4	9026.9
42.5°	1471.9	1827.3	2218.3	2865.2	3892.9	4952.2	6203.7	8640.3	11897.4	14753.5	17179.9
40°	1552.0	1898.5	2330.9	3118.6	4511.4	6316.0	9180.9	13642.5	19082.4	24378.9	28122.0
37.5°	1615.3	1971.1	2532.2	3789.2	5971.4	8819.8	13274.9	19890.1	26983.5	31959.8	37972.5
35°	1683.4	2067.9	2766.1	4528.2	7924.5	12054.5	18512.5	25997.3	32239.9	38262.8	47389.6
32.5°	1750.7	2243.5	3427.6	6418.9	10800.3	15886.4	22786.2	29918.9	36176.4	43877.2	57377.5
30°	1804.7	2411.9	4051.8	8371.9	13571.0	18990.4	25973.7	31995.2	39272.7	51252.4	72543.1
27.5°	1874.3	2758.3	5344.9	10561.2	15820.7	21118.8	27316.3	33944.1	44152.1	60300.8	89113.8
25°	2001.9	3275.5	6944.1	12710.8	17305.9	22567.5	28130.2	35668.0	49285.3	68223.6	104160.6
22.5°	2141.6	3769.2	8453.3	14679.0	18380.8	23417.8	29440.0	39537.0	55349.2	78928.7	110655.4
20°	2280.8	4316.6	9958.7	15513.6	19199.0	24124.9	31025.4	43581.9	60737.7	85927.2	114290.0
17.5°	2542.9	5441.3	11282.5	16073.6	19698.1	24851.6	33248.8	48010.5	66637.7	90838.7	110514.6
15°	2963.1	6466.1	12369.4	16370.8	19995.3	26300.6	37018.7	52257.7	70630.7	93687.4	106661.2
12.5°	3418.1	7347.8	13187.1	16485.9	20726.0	28309.7	40407.8	55430.8	72766.4	91890.7	98654.7
10°	3854.6	8133.8	13738.6	16667.3	21624.3	30544.0	43236.1	57266.8	73403.2	87508.9	90961.5
7.5°	4340.6	8812.6	13838.0	16893.7	22805.4	32805.4	45335.4	57862.9	72153.3	82129.3	83323.4
5°	4798.0	9392.7	13926.9	17291.6	24069.8	34879.6	46420.0	57318.0	69290.4	75973.1	75717.3
2.5°	5317.8	9941.5	14063.9	17695.6	25281.6	36573.1	46571.3	55709.3	65145.7	69412.3	68520.9
0°	5782.3	10397.7	14212.0	18057.8	26291.8	37788.1	46009.8	53356.8	60312.6	62787.3	61814.8
-2.5°	6246.1	10760.1	14346.3	18211.0	26727.5	38312.8	44860.2	50427.9	55268.4	56695.9	55763.4
-5°	6609.9	10991.5	14398.7	18117.9	26464.3	38138.0	43442.4	47266.8	50423.1	51059.6	50216.0
-7.5°	6845.5	11065.9	14373.1	17817.3	25508.9	37110.4	41919.1	44052.2	45880.5	46011.3	45228.2
-10°	6967.0	11023.0	14320.0	17370.4	23943.3	35161.6	40401.9	41049.7	41842.9	41621.4	40825.4
-12.5°	6891.0	10863.3	14125.8	16788.1	21843.4	32212.1	38695.6	39035.3	38688.3	38208.6	37407.3
-15°	6699.4	10367.1	13642.2	16190.5	19094.5	27875.0	35893.0	36920.2	35916.7	35138.7	34253.0
-17.5°	6250.7	9694.8	12661.0	14861.5	17054.5	22441.9	31149.8	33378.5	32433.4	31443.6	30582.7
-20°	5915.5	8763.3	11377.9	13277.5	14668.1	17738.0	23610.7	27596.9	27739.1	26760.3	26132.1

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	5656.2	7963.3	10119.1	11655.6	12483.5	13718.0	17032.2	20922.4	22575.9	22569.1	22102.2
-25°	5451.6	7337.5	9022.3	10110.0	10642.4	11044.9	12404.4	15111.2	17597.8	18735.9	18753.7
-27.5°	5287.9	6855.4	8042.1	8756.9	9062.9	9315.2	9820.6	10925.1	12520.9	13915.5	14778.0
-30°	5209.4	6482.0	7296.8	7604.7	7738.0	7844.5	8002.8	8252.5	8891.0	9791.1	10679.3
-32.5°	5054.7	6239.8	6722.3	6726.4	6651.1	6672.8	6719.0	6762.1	6891.0	7172.4	7469.2
-35°	4808.5	5902.6	6306.3	5964.7	5757.0	5641.7	5586.3	5550.1	5599.0	5700.8	5831.2
-37.5°	4100.8	5372.3	5666.2	5393.9	5012.0	4787.8	4619.3	4519.9	4530.9	4558.7	4614.1
-40°	2985.4	4636.8	4990.5	4845.4	4409.2	4121.1	3895.4	3750.8	3681.2	3639.9	3675.1
-42.5°	1958.0	3548.0	4035.5	4059.7	3816.4	3616.5	3393.9	3233.5	3149.1	3114.0	3113.2
-45°	1656.4	2413.6	2939.1	3228.0	3104.5	2980.8	2894.4	2806.4	2716.1	2710.7	2717.2
-47.5°	1398.8	1680.0	2093.9	2266.8	2322.3	2333.7	2337.7	2319.2	2311.3	2321.5	2363.7
-50°	1203.4	1432.8	1610.0	1645.5	1739.6	1764.8	1786.3	1819.7	1825.0	1901.0	1970.7
-52.5°	1004.4	1180.5	1274.7	1302.6	1331.4	1379.4	1405.2	1456.1	1516.5	1597.9	1693.3
-55°	818.1	939.7	964.3	1015.0	1069.0	1120.0	1178.7	1223.9	1306.7	1396.0	1502.9
-57.5°	657.6	747.0	805.8	841.6	912.6	968.0	1029.2	1083.7	1153.3	1234.9	1351.7
-60°	546.1	617.7	679.3	733.7	793.7	850.9	911.6	968.3	1021.3	1087.9	1197.0
-62.5°	468.0	525.8	578.4	626.7	669.6	727.6	784.4	837.5	882.6	936.6	1019.7
-65°	398.3	448.5	483.2	520.6	553.9	602.1	654.1	702.6	748.7	796.4	859.0
-67.5°	326.9	367.0	391.0	424.8	455.2	496.0	539.4	579.6	622.1	667.9	719.3
-70°	264.5	292.7	324.5	347.5	374.8	410.7	442.4	472.6	506.9	542.9	585.1
-72.5°	206.3	234.7	262.2	282.9	304.6	333.0	358.6	381.0	401.7	426.8	460.1
-75°	165.8	183.7	201.5	220.5	237.3	259.0	277.5	292.0	304.4	321.6	343.7
-77.5°	127.5	141.1	155.9	167.9	176.5	186.3	203.4	216.1	222.0	229.3	240.2
-80°	96.8	106.9	115.3	123.6	130.8	138.9	147.4	156.1	159.8	160.6	167.6
-82.5°	69.8	75.8	80.3	87.6	94.3	98.9	103.1	108.5	112.5	113.6	117.4
-85°	46.7	50.6	54.0	57.7	61.7	64.5	66.7	69.6	73.0	78.8	80.8
-87.5°	23.4	25.3	27.3	29.1	30.9	32.8	34.5	36.1	37.7	49.2	51.1
-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°	27.0	28.5	29.7	31.2	32.4	33.4	34.6	33.2	33.7	33.8	35.0
85°	80.2	85.6	96.9	99.2	103.5	106.2	116.1	132.4	139.3	146.4	160.6
82.5°	173.3	182.2	205.0	213.4	224.6	236.6	259.4	298.6	335.9	379.2	420.7
80°	312.2	321.1	347.2	369.5	389.4	413.3	455.6	534.4	620.6	721.5	815.1
77.5°	514.9	525.4	543.2	560.5	573.6	604.3	659.9	767.9	878.7	967.1	1060.9
75°	828.7	874.5	899.8	859.8	804.2	805.8	872.3	979.0	1073.3	1138.8	1215.7
72.5°	1232.7	1336.6	1398.5	1304.5	1131.5	1044.0	1051.1	1093.7	1144.5	1178.1	1206.8
70°	1628.5	1769.0	1906.2	1833.0	1573.2	1389.6	1286.8	1234.4	1246.0	1253.2	1236.4
67.5°	2014.6	2186.0	2372.8	2261.6	2044.0	1917.7	1907.8	1887.5	1694.8	1488.4	1391.0
65°	2366.6	2571.2	2878.7	2868.3	2490.1	2443.6	2943.0	3209.3	2752.4	2322.5	2046.8
62.5°	2527.3	2818.5	3275.3	3546.5	2987.2	3028.9	4074.0	4787.0	4081.4	3402.0	2948.2
60°	2690.3	2982.1	3451.5	3879.4	3682.4	3887.7	5009.6	6193.0	5620.4	4634.4	3814.9
57.5°	2960.3	3186.7	3533.9	3961.2	4195.5	4592.4	5273.1	6324.0	6554.7	5445.9	4381.3
55°	3368.7	3570.9	3898.3	4165.0	4441.2	4964.8	5340.6	5667.8	5939.3	5771.8	5390.2
52.5°	3813.6	4073.1	4396.1	4634.6	4756.6	5103.0	5557.6	5860.2	5897.7	5956.6	5964.1
50°	4347.5	4694.0	4974.4	5200.6	5253.7	5376.0	5622.8	6264.1	6654.9	6470.9	6527.1
47.5°	5892.4	6382.0	6466.0	6829.4	6489.7	6423.6	6154.6	6033.4	6297.2	6531.3	6856.7
45°	10269.7	11298.6	11782.8	12643.1	11785.5	11328.2	9744.3	8720.5	8002.6	7319.4	7202.1
42.5°	19643.3	22291.7	24849.5	26774.7	25786.1	25434.0	21674.5	19793.8	16848.4	13810.4	14085.3
40°	33162.5	39921.8	47210.0	53216.0	54830.3	55178.5	51771.9	51789.1	48152.0	46513.7	44627.1
37.5°	47271.6	59684.4	77738.4	91815.6	99546.4	104086.0	107333.7	112039.2	114098.7	117215.6	123172.5
35°	62469.4	88338.0	116844.8	134070.4	144392.1	150235.5	160460.2	168815.4	180682.1	188581.6	198551.3
32.5°	84108.4	122644.6	147905.8	160127.4	166500.9	173498.6	183657.7	194231.3	205601.6	216700.3	228049.4
30°	110457.7	144894.9	161581.2	166844.7	169887.9	176383.8	184672.4	194076.3	203909.9	213960.6	222341.7
27.5°	128301.4	152479.2	159157.7	158501.9	160420.1	165322.3	171376.4	178540.0	185444.7	192802.9	198238.7
25°	136278.9	146572.6	145402.0	143516.8	144830.2	147878.1	151408.8	155723.7	160280.9	164448.5	167631.9
22.5°	130753.9	134016.4	130865.0	128641.1	129221.2	130590.0	132149.2	134661.8	136866.6	138612.7	140135.8
20°	124204.3	122166.5	118044.9	115968.4	116071.8	115854.1	116548.4	117069.8	117946.5	118405.4	118288.9
17.5°	114648.3	111215.9	107179.7	105508.9	104859.8	103931.7	103582.3	103417.6	103081.9	102647.2	102059.5
15°	105809.9	101696.5	98161.8	96465.0	95259.9	93873.5	93019.6	92308.1	91498.2	90630.5	89609.2
12.5°	96938.4	93001.6	89783.6	88351.1	86798.9	85083.9	83993.8	82966.1	81929.7	80674.9	79677.0
10°	88678.5	84857.6	82191.5	80695.4	79002.0	77258.5	75942.4	74781.9	73465.8	72236.0	70979.5
7.5°	80799.8	77502.2	75204.0	73720.3	71805.9	70000.3	68709.8	67418.4	66074.1	64747.3	63540.7
5°	73366.2	70579.4	68500.3	67231.7	65340.9	63523.0	62172.0	60881.0	59540.7	58226.5	57023.1
2.5°	66529.2	64241.6	62402.4	61281.7	59490.0	57735.4	56364.7	55076.1	53823.9	52524.4	51326.3
0°	60140.6	58271.1	56729.4	55689.5	54047.2	52418.5	51186.6	49979.3	48731.9	47519.2	46481.6
-2.5°	54357.6	52902.0	51576.9	50696.3	49287.1	47787.3	46545.5	45421.7	44331.6	43274.7	42269.0
-5°	49007.5	47892.2	46863.8	46226.3	44982.7	43651.6	42522.5	41484.9	40478.2	39516.0	38668.0
-7.5°	44301.1	43414.4	42577.6	42049.6	41122.7	39902.4	38879.7	37954.7	37043.6	36143.0	35387.1
-10°	40086.7	39313.5	38604.1	38123.2	37412.4	36418.0	35497.6	34609.2	33773.4	32944.6	32275.5
-12.5°	36714.8	36096.4	35395.0	34983.5	34388.8	33475.3	32649.8	31806.1	30970.4	30194.0	29482.5
-15°	33620.8	33108.6	32564.9	32149.3	31681.1	30869.8	30091.2	29310.6	28541.9	27828.7	27305.8
-17.5°	29985.0	29627.2	29273.8	28845.2	28480.3	27695.6	26945.7	26183.2	25518.0	24882.7	24196.0
-20°	25603.9	25282.2	25049.3	24750.0	24536.6	23955.6	23368.8	22820.4	22196.6	21549.0	21160.0

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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°	21646.2	21327.6	21151.3	20922.0	20752.7	20355.0	19811.4	19266.5	18828.5	18332.8	17834.9
-25°	18622.8	18422.0	18323.1	18129.5	18033.2	17861.9	17465.3	17125.3	16713.1	16391.0	16013.3
-27.5°	15144.2	15269.4	15289.6	15201.2	15108.5	15061.5	14820.8	14576.9	14313.3	14111.3	13855.0
-30°	11243.3	11569.9	11741.9	11697.7	11646.1	11631.5	11530.4	11370.3	11114.0	10999.5	10854.2
-32.5°	7891.5	8219.2	8475.2	8473.7	8299.0	8325.3	8273.2	8001.0	7840.1	7700.2	7579.3
-35°	5914.7	6038.8	6176.7	6103.7	5853.0	5863.3	5705.9	5500.0	5302.9	5260.4	5138.3
-37.5°	4696.8	4731.0	4739.4	4613.9	4334.2	4298.5	4169.4	4025.1	3838.7	3804.0	3822.9
-40°	3762.9	3801.5	3784.5	3679.3	3504.2	3436.4	3345.2	3227.6	3135.8	3092.1	3095.7
-42.5°	3157.8	3183.1	3179.1	3079.4	2983.9	2925.1	2878.4	2798.1	2744.5	2711.9	2763.7
-45°	2754.1	2802.4	2778.6	2738.1	2668.1	2623.2	2611.7	2603.4	2552.9	2582.8	2680.0
-47.5°	2416.5	2468.9	2493.9	2493.9	2434.9	2409.8	2409.7	2436.4	2385.5	2438.0	2584.6
-50°	2030.7	2142.6	2194.5	2224.7	2223.3	2210.0	2251.1	2289.0	2297.0	2406.1	2606.0
-52.5°	1782.3	1884.8	1926.8	1955.9	1963.6	2028.6	2100.5	2202.4	2230.3	2298.4	2298.2
-55°	1592.2	1677.1	1722.6	1774.7	1807.5	1837.2	1897.8	1971.0	2063.5	2111.6	2012.5
-57.5°	1466.4	1544.3	1621.6	1689.8	1688.8	1686.8	1710.1	1749.8	1972.0	1934.0	1885.4
-60°	1329.3	1422.3	1498.7	1543.7	1542.0	1525.5	1535.8	1594.2	1832.1	1776.5	1814.0
-62.5°	1140.6	1245.4	1312.9	1343.9	1366.5	1357.6	1396.1	1484.4	1642.8	1645.2	1743.5
-65°	972.3	1063.1	1127.2	1154.5	1187.4	1207.9	1249.6	1325.9	1423.5	1482.5	1597.9
-67.5°	801.9	891.6	953.0	984.9	1008.5	1038.3	1070.5	1122.7	1192.2	1273.4	1382.3
-70°	649.3	718.3	771.2	805.2	827.6	849.6	880.4	925.5	988.8	1059.4	1137.8
-72.5°	505.1	552.6	595.1	624.3	644.1	664.5	694.6	730.1	774.2	835.4	913.4
-75°	370.2	399.9	430.7	451.8	470.6	490.2	516.4	544.1	591.3	656.0	705.5
-77.5°	250.8	273.8	294.8	307.1	319.8	333.8	354.9	375.8	428.2	491.0	485.1
-80°	181.9	192.9	202.5	209.5	214.2	218.6	224.7	255.4	282.2	313.3	308.8
-82.5°	125.9	131.5	136.2	140.6	146.3	149.3	158.3	175.9	196.2	210.9	206.4
-85°	83.7	86.2	89.2	91.3	95.8	100.9	113.5	123.1	125.8	127.8	134.7
-87.5°	52.1	53.0	57.2	57.9	57.2	59.7	64.4	74.5	76.0	76.2	80.8
-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):

	-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°	35.3	35.7	38.8	40.2	38.8	35.7	35.3	35.0	33.8	33.7	33.2
85°	172.4	181.5	197.1	200.5	197.1	181.5	172.4	160.6	146.4	139.3	132.4
82.5°	466.2	503.6	538.4	555.0	538.4	503.6	466.2	420.7	379.2	335.9	298.6
80°	893.3	978.3	1100.8	1143.1	1100.8	978.3	893.3	815.1	721.5	620.6	534.4
77.5°	1133.5	1226.6	1427.5	1576.2	1427.5	1226.6	1133.5	1060.9	967.1	878.7	767.9
75°	1324.6	1512.0	1947.2	2337.5	1947.2	1512.0	1324.6	1215.7	1138.8	1073.3	979.0
72.5°	1291.2	1665.6	2671.7	3655.3	2671.7	1665.6	1291.2	1206.8	1178.1	1144.5	1093.7
70°	1222.1	1496.2	2741.1	4259.5	2741.1	1496.2	1222.1	1236.4	1253.2	1246.0	1234.4
67.5°	1341.6	1380.3	1994.5	3005.6	1994.5	1380.3	1341.6	1391.0	1488.4	1694.8	1887.5
65°	1841.2	1685.2	1687.9	1800.3	1687.9	1685.2	1841.2	2046.8	2322.5	2752.4	3209.3
62.5°	2589.2	2320.1	2145.8	2069.8	2145.8	2320.1	2589.2	2948.2	3402.0	4081.4	4787.0
60°	3263.8	2926.9	2744.6	2682.7	2744.6	2926.9	3263.8	3814.9	4634.4	5620.4	6193.0
57.5°	3816.5	3492.2	3322.9	3269.2	3322.9	3492.2	3816.5	4381.3	5445.9	6554.7	6324.0
55°	5029.4	4709.3	4507.2	4429.7	4507.2	4709.3	5029.4	5390.2	5771.8	5939.3	5667.8
52.5°	5958.0	5909.6	5809.7	5700.1	5809.7	5909.6	5958.0	5964.1	5956.6	5897.7	5860.2
50°	6497.5	6197.2	5934.8	5737.1	5934.8	6197.2	6497.5	6527.1	6470.9	6654.9	6264.1
47.5°	6997.6	6700.9	6491.7	6281.8	6491.7	6700.9	6997.6	6856.7	6531.3	6297.2	6033.4
45°	7478.4	7541.4	7431.8	7296.0	7431.8	7541.4	7478.4	7202.1	7319.4	8002.6	8720.5
42.5°	13483.9	12687.0	12086.5	11741.8	12086.5	12687.0	13483.9	14085.3	13810.4	16848.4	19793.8
40°	41602.7	37767.7	35403.4	34394.4	35403.4	37767.7	41602.7	44627.1	46513.7	48152.0	51789.1
37.5°	125447.0	124224.7	124109.4	123364.7	124109.4	124224.7	125447.0	123172.5	117215.6	114098.7	112039.2
35°	205518.1	209390.6	211886.4	212583.6	211886.4	209390.6	205518.1	198551.3	188581.6	180682.1	168815.4
32.5°	234384.5	240528.0	244471.8	245817.5	244471.8	240528.0	234384.5	228049.4	216700.3	205601.6	194231.3
30°	228870.3	234741.4	238182.5	239450.2	238182.5	234741.4	228870.3	222341.7	213960.6	203909.9	194076.3
27.5°	203152.9	207436.1	209071.1	209475.9	209071.1	207436.1	203152.9	198238.7	192802.9	185444.7	178540.0
25°	169969.0	172022.0	172829.3	173210.7	172829.3	172022.0	169969.0	167631.9	164448.5	160280.9	155723.7
22.5°	140970.0	141676.5	141702.2	141783.8	141702.2	141676.5	140970.0	140135.8	138612.7	136866.6	134661.8
20°	118487.8	118569.2	118293.9	118105.9	118293.9	118569.2	118487.8	118288.9	118405.4	117946.5	117069.8
17.5°	101788.8	101154.8	100925.8	101072.5	100925.8	101154.8	101788.8	102059.5	102647.2	103081.9	103417.6
15°	89011.1	88405.6	88071.0	88266.2	88071.0	88405.6	89011.1	89609.2	90630.5	91498.2	92308.1
12.5°	78777.7	78025.4	77620.8	77608.9	77620.8	78025.4	78777.7	79677.0	80674.9	81929.7	82966.1
10°	69973.6	69227.6	68757.9	68533.0	68757.9	69227.6	69973.6	70979.5	72236.0	73465.8	74781.9
7.5°	62444.3	61670.3	61121.2	61011.8	61121.2	61670.3	62444.3	63540.7	64747.3	66074.1	67418.4
5°	56002.3	55253.7	54816.8	54618.9	54816.8	55253.7	56002.3	57023.1	58226.5	59540.7	60881.0
2.5°	50353.2	49722.9	49308.9	49159.5	49308.9	49722.9	50353.2	51326.3	52524.4	53823.9	55076.1
0°	45572.6	44944.3	44583.0	44478.8	44583.0	44944.3	45572.6	46481.6	47519.2	48731.9	49979.3
-2.5°	41460.1	40917.0	40622.1	40517.0	40622.1	40917.0	41460.1	42269.0	43274.7	44331.6	45421.7
-5°	37961.7	37436.4	37061.0	36953.2	37061.0	37436.4	37961.7	38668.0	39516.0	40478.2	41484.9
-7.5°	34731.0	34225.5	33922.8	33767.3	33922.8	34225.5	34731.0	35387.1	36143.0	37043.6	37954.7
-10°	31710.6	31228.5	30947.6	30789.8	30947.6	31228.5	31710.6	32275.5	32944.6	33773.4	34609.2
-12.5°	29034.1	28662.1	28396.6	28300.0	28396.6	28662.1	29034.1	29482.5	30194.0	30970.4	31806.1
-15°	26653.7	26363.9	26019.3	25964.9	26019.3	26363.9	26653.7	27305.8	27828.7	28541.9	29310.6
-17.5°	23799.7	23340.1	23263.2	23224.6	23263.2	23340.1	23799.7	24196.0	24882.7	25518.0	26183.2
-20°	20656.2	20482.2	20278.0	20165.2	20278.0	20482.2	20656.2	21160.0	21549.0	22196.6	22820.4

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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°	17548.5	17372.5	17206.9	17158.5	17206.9	17372.5	17548.5	17834.9	18332.8	18828.5	19266.5
-25°	15830.5	15588.9	15464.4	15417.9	15464.4	15588.9	15830.5	16013.3	16391.0	16713.1	17125.3
-27.5°	13729.8	13684.4	13611.5	13599.4	13611.5	13684.4	13729.8	13855.0	14111.3	14313.3	14576.9
-30°	10895.8	11002.1	11080.6	11081.9	11080.6	11002.1	10895.8	10854.2	10999.5	11114.0	11370.3
-32.5°	7687.5	7866.4	7940.5	7889.6	7940.5	7866.4	7687.5	7579.3	7700.2	7840.1	8001.0
-35°	5239.9	5425.8	5512.1	5511.9	5512.1	5425.8	5239.9	5138.3	5260.4	5302.9	5500.0
-37.5°	3815.4	3957.0	4077.9	4112.9	4077.9	3957.0	3815.4	3822.9	3804.0	3838.7	4025.1
-40°	3150.5	3261.3	3415.5	3467.7	3415.5	3261.3	3150.5	3095.7	3092.1	3135.8	3227.6
-42.5°	2861.0	3038.3	3247.6	3414.9	3247.6	3038.3	2861.0	2763.7	2711.9	2744.5	2798.1
-45°	2748.9	3093.0	3377.8	3493.0	3377.8	3093.0	2748.9	2680.0	2582.8	2552.9	2603.4
-47.5°	2885.6	3083.0	3196.6	3191.5	3196.6	3083.0	2885.6	2584.6	2438.0	2385.5	2436.4
-50°	2625.1	2636.4	2670.7	2622.8	2670.7	2636.4	2625.1	2606.0	2406.1	2297.0	2289.0
-52.5°	2245.3	2262.8	2225.4	2218.5	2225.4	2262.8	2245.3	2298.2	2298.4	2230.3	2202.4
-55°	2030.5	2042.6	2042.9	2062.6	2042.9	2042.6	2030.5	2012.5	2111.6	2063.5	1971.0
-57.5°	1926.6	1959.5	1974.7	1964.0	1974.7	1959.5	1926.6	1885.4	1934.0	1972.0	1749.8
-60°	1892.5	1956.9	2014.3	2053.5	2014.3	1956.9	1892.5	1814.0	1776.5	1832.1	1594.2
-62.5°	1858.6	1962.9	2055.5	2130.9	2055.5	1962.9	1858.6	1743.5	1645.2	1642.8	1484.4
-65°	1721.7	1828.9	1912.2	1962.2	1912.2	1828.9	1721.7	1597.9	1482.5	1423.5	1325.9
-67.5°	1483.9	1574.5	1659.9	1699.7	1659.9	1574.5	1483.9	1382.3	1273.4	1192.2	1122.7
-70°	1215.0	1293.2	1367.8	1398.0	1367.8	1293.2	1215.0	1137.8	1059.4	988.8	925.5
-72.5°	975.5	1043.3	1068.0	1061.3	1068.0	1043.3	975.5	913.4	835.4	774.2	730.1
-75°	712.2	723.6	735.6	725.4	735.6	723.6	712.2	705.5	656.0	591.3	544.1
-77.5°	461.6	463.5	465.1	459.9	465.1	463.5	461.6	485.1	491.0	428.2	375.8
-80°	303.0	304.2	292.9	287.6	292.9	304.2	303.0	308.8	313.3	282.2	255.4
-82.5°	212.5	205.3	198.7	198.1	198.7	205.3	212.5	206.4	210.9	196.2	175.9
-85°	136.0	134.2	132.2	130.9	132.2	134.2	136.0	134.7	127.8	125.8	123.1
-87.5°	80.9	79.8	78.5	78.2	78.5	79.8	80.9	80.8	76.2	76.0	74.5
-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):

	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°	34.6	33.4	32.4	31.2	29.7	28.5	27.0	26.7	25.6	24.7	26.5
85°	116.1	106.2	103.5	99.2	96.9	85.6	80.2	79.5	77.1	72.8	72.2
82.5°	259.4	236.6	224.6	213.4	205.0	182.2	173.3	172.3	167.7	155.2	150.6
80°	455.6	413.3	389.4	369.5	347.2	321.1	312.2	310.5	299.7	275.5	266.2
77.5°	659.9	604.3	573.6	560.5	543.2	525.4	514.9	505.0	474.1	436.6	420.2
75°	872.3	805.8	804.2	859.8	899.8	874.5	828.7	783.9	740.0	683.7	621.4
72.5°	1051.1	1044.0	1131.5	1304.5	1398.5	1336.6	1232.7	1147.6	1078.9	1005.0	888.2
70°	1286.8	1389.6	1573.2	1833.0	1906.2	1769.0	1628.5	1527.7	1432.5	1346.6	1245.6
67.5°	1907.8	1917.7	2044.0	2261.6	2372.8	2186.0	2014.6	1898.5	1755.5	1644.8	1545.9
65°	2943.0	2443.6	2490.1	2868.3	2878.7	2571.2	2366.6	2167.2	1987.0	1871.2	1774.5
62.5°	4074.0	3028.9	2987.2	3546.5	3275.3	2818.5	2527.3	2330.4	2169.9	2047.7	2017.7
60°	5009.6	3887.7	3682.4	3879.4	3451.5	2982.1	2690.3	2550.8	2442.1	2405.6	2386.4
57.5°	5273.1	4592.4	4195.5	3961.2	3533.9	3186.7	2960.3	2875.5	2818.7	2866.2	2895.3
55°	5340.6	4964.8	4441.2	4165.0	3898.3	3570.9	3368.7	3276.7	3298.8	3380.9	3329.1
52.5°	5557.6	5103.0	4756.6	4634.6	4396.1	4073.1	3813.6	3752.3	3846.8	3869.5	3654.9
50°	5622.8	5376.0	5253.7	5200.6	4974.4	4694.0	4347.5	4366.8	4489.2	4348.7	4036.2
47.5°	6154.6	6423.6	6489.7	6829.4	6466.0	6382.0	5892.4	5720.3	5579.8	5096.0	4685.8
45°	9744.3	11328.2	11785.5	12643.1	11782.8	11298.6	10269.7	9026.9	8492.4	7175.1	5763.2
42.5°	21674.5	25434.0	25786.1	26774.7	24849.5	22291.7	19643.3	17179.9	14753.5	11897.4	8640.3
40°	51771.9	55178.5	54830.3	53216.0	47210.0	39921.8	33162.5	28122.0	24378.9	19082.4	13642.5
37.5°	107333.7	104086.0	99546.4	91815.6	77738.4	59684.4	47271.6	37972.5	31959.8	26983.5	19890.1
35°	160460.2	150235.5	144392.1	134070.4	116844.8	88338.0	62469.4	47389.6	38262.8	32239.9	25997.3
32.5°	183657.7	173498.6	166500.9	160127.4	147905.8	122644.6	84108.4	57377.5	43877.2	36176.4	29918.9
30°	184672.4	176383.8	169887.9	166844.7	161581.2	144894.9	110457.7	72543.1	51252.4	39272.7	31995.2
27.5°	171376.4	165322.3	160420.1	158501.9	159157.7	152479.2	128301.4	89113.8	60300.8	44152.1	33944.1
25°	151408.8	147878.1	144830.2	143516.8	145402.0	146572.6	136278.9	104160.6	68223.6	49285.3	35668.0
22.5°	132149.2	130590.0	129221.2	128641.1	130865.0	134016.4	130753.9	110655.4	78928.7	55349.2	39537.0
20°	116548.4	115854.1	116071.8	115968.4	118044.9	122166.5	124204.3	114290.0	85927.2	60737.7	43581.9
17.5°	103582.3	103931.7	104859.8	105508.9	107179.7	111215.9	114648.3	110514.6	90838.7	66637.7	48010.5
15°	93019.6	93873.5	95259.9	96465.0	98161.8	101696.5	105809.9	106661.2	93687.4	70630.7	52257.7
12.5°	83993.8	85083.9	86798.9	88351.1	89783.6	93001.6	96938.4	98654.7	91890.7	72766.4	55430.8
10°	75942.4	77258.5	79002.0	80695.4	82191.5	84857.6	88678.5	90961.5	87508.9	73403.2	57266.8
7.5°	68709.8	70000.3	71805.9	73720.3	75204.0	77502.2	80799.8	83323.4	82129.3	72153.3	57862.9
5°	62172.0	63523.0	65340.9	67231.7	68500.3	70579.4	73366.2	75717.3	75973.1	69290.4	57318.0
2.5°	56364.7	57735.4	59490.0	61281.7	62402.4	64241.6	66529.2	68520.9	69412.3	65145.7	55709.3
0°	51186.6	52418.5	54047.2	55689.5	56729.4	58271.1	60140.6	61814.8	62787.3	60312.6	53356.8
-2.5°	46545.5	47787.3	49287.1	50696.3	51576.9	52902.0	54357.6	55763.4	56695.9	55268.4	50427.9
-5°	42522.5	43651.6	44982.7	46226.3	46863.8	47892.2	49007.5	50216.0	51059.6	50423.1	47266.8
-7.5°	38879.7	39902.4	41122.7	42049.6	42577.6	43414.4	44301.1	45228.2	46011.3	45880.5	44052.2
-10°	35497.6	36418.0	37412.4	38123.2	38604.1	39313.5	40086.7	40825.4	41621.4	41842.9	41049.7
-12.5°	32649.8	33475.3	34388.8	34983.5	35395.0	36096.4	36714.8	37407.3	38208.6	38688.3	39035.3
-15°	30091.2	30869.8	31681.1	32149.3	32564.9	33108.6	33620.8	34253.0	35138.7	35916.7	36920.2
-17.5°	26945.7	27695.6	28480.3	28845.2	29273.8	29627.2	29985.0	30582.7	31443.6	32433.4	33378.5
-20°	23368.8	23955.6	24536.6	24750.0	25049.3	25282.2	25603.9	26132.1	26760.3	27739.1	27596.9

REPORT NUMBER: P902068 (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°
-22.5°	19811.4	20355.0	20752.7	20922.0	21151.3	21327.6	21646.2	22102.2	22569.1	22575.9	20922.4
-25°	17465.3	17861.9	18033.2	18129.5	18323.1	18422.0	18622.8	18753.7	18735.9	17597.8	15111.2
-27.5°	14820.8	15061.5	15108.5	15201.2	15289.6	15269.4	15144.2	14778.0	13915.5	12520.9	10925.1
-30°	11530.4	11631.5	11646.1	11697.7	11741.9	11569.9	11243.3	10679.3	9791.1	8891.0	8252.5
-32.5°	8273.2	8325.3	8299.0	8473.7	8475.2	8219.2	7891.5	7469.2	7172.4	6891.0	6762.1
-35°	5705.9	5863.3	5853.0	6103.7	6176.7	6038.8	5914.7	5831.2	5700.8	5599.0	5550.1
-37.5°	4169.4	4298.5	4334.2	4613.9	4739.4	4731.0	4696.8	4614.1	4558.7	4530.9	4519.9
-40°	3345.2	3436.4	3504.2	3679.3	3784.5	3801.5	3762.9	3675.1	3639.9	3681.2	3750.8
-42.5°	2878.4	2925.1	2983.9	3079.4	3179.1	3183.1	3157.8	3113.2	3114.0	3149.1	3233.5
-45°	2611.7	2623.2	2668.1	2738.1	2778.6	2802.4	2754.1	2717.2	2710.7	2716.1	2806.4
-47.5°	2409.7	2409.8	2434.9	2493.9	2493.9	2468.9	2416.5	2363.7	2321.5	2311.3	2319.2
-50°	2251.1	2210.0	2223.3	2224.7	2194.5	2142.6	2030.7	1970.7	1901.0	1825.0	1819.7
-52.5°	2100.5	2028.6	1963.6	1955.9	1926.8	1884.8	1782.3	1693.3	1597.9	1516.5	1456.1
-55°	1897.8	1837.2	1807.5	1774.7	1722.6	1677.1	1592.2	1502.9	1396.0	1306.7	1223.9
-57.5°	1710.1	1686.8	1688.8	1689.8	1621.6	1544.3	1466.4	1351.7	1234.9	1153.3	1083.7
-60°	1535.8	1525.5	1542.0	1543.7	1498.7	1422.3	1329.3	1197.0	1087.9	1021.3	968.3
-62.5°	1396.1	1357.6	1366.5	1343.9	1312.9	1245.4	1140.6	1019.7	936.6	882.6	837.5
-65°	1249.6	1207.9	1187.4	1154.5	1127.2	1063.1	972.3	859.0	796.4	748.7	702.6
-67.5°	1070.5	1038.3	1008.5	984.9	953.0	891.6	801.9	719.3	667.9	622.1	579.6
-70°	880.4	849.6	827.6	805.2	771.2	718.3	649.3	585.1	542.9	506.9	472.6
-72.5°	694.6	664.5	644.1	624.3	595.1	552.6	505.1	460.1	426.8	401.7	381.0
-75°	516.4	490.2	470.6	451.8	430.7	399.9	370.2	343.7	321.6	304.4	292.0
-77.5°	354.9	333.8	319.8	307.1	294.8	273.8	250.8	240.2	229.3	222.0	216.1
-80°	224.7	218.6	214.2	209.5	202.5	192.9	181.9	167.6	160.6	159.8	156.1
-82.5°	158.3	149.3	146.3	140.6	136.2	131.5	125.9	117.4	113.6	112.5	108.5
-85°	113.5	100.9	95.8	91.3	89.2	86.2	83.7	80.8	78.8	73.0	69.6
-87.5°	64.4	59.7	57.2	57.9	57.2	53.0	52.1	51.1	49.2	37.7	36.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P902068 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	29.5	27.7	26.4	27.4	26.6	25.5	23.5	20.6	18.7	16.8	14.7
85°	71.6	69.8	65.1	62.4	59.5	56.1	49.9	42.4	37.5	33.5	29.5
82.5°	140.9	132.5	118.8	107.7	99.0	94.3	84.4	74.1	64.6	56.1	47.0
80°	242.1	218.4	189.9	172.6	160.0	149.3	131.0	110.2	92.6	81.7	70.2
77.5°	373.3	327.1	288.8	260.2	234.0	212.9	188.5	164.2	137.0	111.8	93.1
75°	530.3	466.1	417.1	367.5	320.2	296.3	264.3	223.8	184.9	152.6	122.7
72.5°	760.3	666.8	581.3	496.0	435.6	391.6	345.4	299.0	244.6	192.5	155.8
70°	1082.4	924.3	780.6	664.2	564.6	496.3	438.7	375.8	309.0	244.2	188.0
67.5°	1389.7	1213.2	1025.6	850.8	705.2	611.8	531.2	456.5	374.5	295.7	228.3
65°	1663.7	1493.1	1274.2	1050.6	871.7	729.7	627.3	538.8	441.8	349.5	268.4
62.5°	1934.4	1772.0	1526.9	1274.4	1048.4	875.0	729.8	628.0	510.6	408.6	306.5
60°	2274.0	2067.4	1789.4	1502.9	1241.9	1023.1	846.2	715.6	591.7	466.5	349.9
57.5°	2668.4	2370.3	2050.8	1736.0	1440.0	1173.6	956.9	801.5	666.6	523.2	390.0
55°	2998.5	2663.3	2303.3	1946.0	1630.1	1318.1	1063.5	881.6	734.4	580.2	427.7
52.5°	3304.8	2946.8	2540.9	2133.2	1777.9	1447.4	1158.8	961.5	801.7	636.7	475.1
50°	3657.6	3260.3	2800.3	2297.1	1909.8	1558.9	1254.1	1035.0	868.7	698.3	519.8
47.5°	4171.9	3647.4	3076.7	2477.6	2020.8	1656.7	1334.8	1110.0	934.4	758.3	560.2
45°	4980.7	4197.0	3413.5	2623.2	2124.7	1745.8	1404.4	1178.2	998.3	813.4	602.8
42.5°	6203.7	4952.2	3892.9	2865.2	2218.3	1827.3	1471.9	1238.5	1059.0	865.2	644.8
40°	9180.9	6316.0	4511.4	3118.6	2330.9	1898.5	1552.0	1304.9	1115.5	915.2	681.2
37.5°	13274.9	8819.8	5971.4	3789.2	2532.2	1971.1	1615.3	1363.4	1165.5	963.1	712.4
35°	18512.5	12054.5	7924.5	4528.2	2766.1	2067.9	1683.4	1417.6	1212.0	997.3	740.8
32.5°	22786.2	15886.4	10800.3	6418.9	3427.6	2243.5	1750.7	1473.3	1255.9	1031.2	772.3
30°	25973.7	18990.4	13571.0	8371.9	4051.8	2411.9	1804.7	1520.8	1297.5	1066.7	801.2
27.5°	27316.3	21118.8	15820.7	10561.2	5344.9	2758.3	1874.3	1562.5	1336.0	1096.1	824.0
25°	28130.2	22567.5	17305.9	12710.8	6944.1	3275.5	2001.9	1601.1	1371.2	1115.9	840.8
22.5°	29440.0	23417.8	18380.8	14679.0	8453.3	3769.2	2141.6	1625.3	1397.9	1132.6	859.5
20°	31025.4	24124.9	19199.0	15513.6	9958.7	4316.6	2280.8	1644.3	1420.1	1149.0	876.6
17.5°	33248.8	24851.6	19698.1	16073.6	11282.5	5441.3	2542.9	1659.8	1436.8	1159.3	889.2
15°	37018.7	26300.6	19995.3	16370.8	12369.4	6466.1	2963.1	1724.0	1452.3	1162.5	898.9
12.5°	40407.8	28309.7	20726.0	16485.9	13187.1	7347.8	3418.1	1876.5	1468.5	1169.6	906.6
10°	43236.1	30544.0	21624.3	16667.3	13738.6	8133.8	3854.6	2041.1	1499.5	1181.4	910.9
7.5°	45335.4	32805.4	22805.4	16893.7	13838.0	8812.6	4340.6	2232.0	1534.2	1190.0	912.3
5°	46420.0	34879.6	24069.8	17291.6	13926.9	9392.7	4798.0	2421.5	1575.5	1199.8	912.4
2.5°	46571.3	36573.1	25281.6	17695.6	14063.9	9941.5	5317.8	2641.0	1623.8	1207.4	908.8
0°	46009.8	37788.1	26291.8	18057.8	14212.0	10397.7	5782.3	2833.5	1664.9	1210.5	901.7
-2.5°	44860.2	38312.8	26727.5	18211.0	14346.3	10760.1	6246.1	3060.3	1739.7	1222.4	901.1
-5°	43442.4	38138.0	26464.3	18117.9	14398.7	10991.5	6609.9	3232.7	1797.4	1228.3	897.0
-7.5°	41919.1	37110.4	25508.9	17817.3	14373.1	11065.9	6845.5	3429.8	1886.7	1239.0	889.3
-10°	40401.9	35161.6	23943.3	17370.4	14320.0	11023.0	6967.0	3571.9	1982.7	1274.4	885.5
-12.5°	38695.6	32212.1	21843.4	16788.1	14125.8	10863.3	6891.0	3628.2	2057.5	1295.1	878.3
-15°	35893.0	27875.0	19094.5	16190.5	13642.2	10367.1	6699.4	3614.8	2186.0	1326.3	865.2
-17.5°	31149.8	22441.9	17054.5	14861.5	12661.0	9694.8	6250.7	3660.1	2284.4	1363.4	852.6
-20°	23610.7	17738.0	14668.1	13277.5	11377.9	8763.3	5915.5	3724.3	2378.3	1361.9	834.9

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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°	17032.2	13718.0	12483.5	11655.6	10119.1	7963.3	5656.2	3776.1	2453.2	1324.3	804.3
-25°	12404.4	11044.9	10642.4	10110.0	9022.3	7337.5	5451.6	3820.5	2485.8	1237.7	772.6
-27.5°	9820.6	9315.2	9062.9	8756.9	8042.1	6855.4	5287.9	3834.1	2342.8	1188.5	747.5
-30°	8002.8	7844.5	7738.0	7604.7	7296.8	6482.0	5209.4	3650.9	2117.7	1124.9	715.3
-32.5°	6719.0	6672.8	6651.1	6726.4	6722.3	6239.8	5054.7	3254.9	1845.9	1037.2	675.8
-35°	5586.3	5641.7	5757.0	5964.7	6306.3	5902.6	4808.5	2652.8	1505.8	940.0	629.9
-37.5°	4619.3	4787.8	5012.0	5393.9	5666.2	5372.3	4100.8	2106.5	1285.6	857.8	588.5
-40°	3895.4	4121.1	4409.2	4845.4	4990.5	4636.8	2985.4	1737.7	1158.4	796.7	553.6
-42.5°	3393.9	3616.5	3816.4	4059.7	4035.5	3548.0	1958.0	1410.7	1025.9	731.1	513.3
-45°	2894.4	2980.8	3104.5	3228.0	2939.1	2413.6	1656.4	1235.3	912.9	661.4	468.1
-47.5°	2337.7	2333.7	2322.3	2266.8	2093.9	1680.0	1398.8	1087.5	822.8	607.8	428.8
-50°	1786.3	1764.8	1739.6	1645.5	1610.0	1432.8	1203.4	946.6	727.1	544.8	392.3
-52.5°	1405.2	1379.4	1331.4	1302.6	1274.7	1180.5	1004.4	818.0	637.1	477.8	352.0
-55°	1178.7	1120.0	1069.0	1015.0	964.3	939.7	818.1	675.7	549.5	427.6	309.4
-57.5°	1029.2	968.0	912.6	841.6	805.8	747.0	657.6	570.9	463.4	377.7	277.2
-60°	911.6	850.9	793.7	733.7	679.3	617.7	546.1	473.7	407.5	329.4	244.4
-62.5°	784.4	727.6	669.6	626.7	578.4	525.8	468.0	405.3	352.3	284.0	210.3
-65°	654.1	602.1	553.9	520.6	483.2	448.5	398.3	344.4	294.6	236.2	183.6
-67.5°	539.4	496.0	455.2	424.8	391.0	367.0	326.9	285.1	237.3	195.5	155.5
-70°	442.4	410.7	374.8	347.5	324.5	292.7	264.5	226.9	191.1	160.4	127.5
-72.5°	358.6	333.0	304.6	282.9	262.2	234.7	206.3	182.2	154.1	126.9	107.3
-75°	277.5	259.0	237.3	220.5	201.5	183.7	165.8	143.8	121.2	103.8	86.6
-77.5°	203.4	186.3	176.5	167.9	155.9	141.1	127.5	113.4	95.8	80.7	68.6
-80°	147.4	138.9	130.8	123.6	115.3	106.9	96.8	85.6	72.0	63.7	56.1
-82.5°	103.1	98.9	94.3	87.6	80.3	75.8	69.8	63.6	54.9	49.0	43.5
-85°	66.7	64.5	61.7	57.7	54.0	50.6	46.7	42.7	37.5	33.6	29.5
-87.5°	34.5	32.8	30.9	29.1	27.3	25.3	23.4	21.4	18.7	16.8	14.8
-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°	13.3	10.9	8.5	6.3	4.2	2.1	0.0
85°	26.6	21.8	16.9	12.6	8.5	4.3	0.0
82.5°	39.7	32.6	25.3	18.8	12.7	6.4	0.0
80°	58.3	44.3	33.7	25.1	16.9	8.5	0.0
77.5°	77.1	58.2	42.9	31.3	21.1	10.6	0.0
75°	95.4	72.0	53.4	37.4	25.2	12.7	0.0
72.5°	119.3	85.6	63.5	43.6	29.3	14.7	0.0
70°	144.5	101.9	73.2	49.6	33.3	16.8	0.0
67.5°	168.7	121.0	82.5	55.5	37.3	18.8	0.0
65°	195.7	139.3	93.4	61.2	41.0	20.7	0.0
62.5°	225.7	156.9	105.8	66.7	44.5	22.6	0.0
60°	254.4	176.1	117.7	72.1	48.0	24.5	0.0
57.5°	281.6	197.1	129.0	77.5	51.3	26.3	0.0
55°	312.7	216.6	139.6	85.8	54.6	28.1	0.0
52.5°	341.5	234.6	150.5	93.9	57.7	29.8	0.0
50°	367.8	252.3	164.7	101.6	60.8	31.5	0.0
47.5°	392.7	274.1	178.7	108.9	63.7	33.1	0.0
45°	420.3	295.5	192.7	115.7	66.5	34.7	0.0
42.5°	443.7	316.3	205.9	122.2	69.3	36.2	0.0
40°	467.4	336.4	218.2	128.4	71.8	37.6	0.0
37.5°	493.7	355.9	229.6	134.2	74.3	38.9	0.0
35°	523.7	374.4	242.3	141.6	77.6	40.1	0.0
32.5°	553.0	391.0	254.6	149.1	81.1	41.1	0.0
30°	577.7	405.8	265.7	155.8	84.2	42.1	0.0
27.5°	597.6	418.8	275.9	161.9	87.1	43.1	0.0
25°	614.4	430.1	285.3	167.2	89.7	43.9	0.0
22.5°	628.4	440.7	293.7	171.9	92.1	44.7	0.0
20°	640.4	452.1	301.2	175.8	94.2	45.3	0.0
17.5°	652.3	462.1	307.8	179.7	96.1	45.9	0.0
15°	661.7	471.1	313.3	183.3	97.7	46.5	0.0
12.5°	667.9	478.8	318.4	186.3	99.0	46.9	0.0
10°	671.1	483.6	322.5	188.7	100.1	47.3	0.0
7.5°	673.8	486.1	325.5	190.5	100.9	47.5	0.0
5°	674.5	486.8	327.4	191.7	101.4	47.7	0.0
2.5°	672.7	485.9	328.1	192.3	101.7	47.8	0.0
0°	668.4	483.3	327.7	192.3	101.7	47.9	0.0
-2.5°	667.1	481.8	323.9	191.6	101.5	47.8	0.0
-5°	663.4	478.6	319.2	190.3	101.1	47.7	0.0
-7.5°	657.3	473.8	313.4	188.5	100.4	47.5	0.0
-10°	648.9	467.2	306.9	186.0	99.5	47.2	0.0
-12.5°	638.2	458.6	299.5	183.1	98.3	46.9	0.0
-15°	624.5	447.8	292.2	179.6	96.8	46.4	0.0
-17.5°	607.8	435.8	285.9	175.5	95.1	45.9	0.0
-20°	587.6	422.8	278.7	171.0	93.1	45.3	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	566.7	408.6	270.6	166.1	90.9	44.6	0.0
-25°	545.4	393.1	261.5	160.7	88.5	43.9	0.0
-27.5°	522.2	376.6	251.5	154.8	85.8	43.0	0.0
-30°	498.4	359.2	240.6	148.4	82.9	42.1	0.0
-32.5°	476.1	341.0	229.0	141.6	79.8	41.2	0.0
-35°	450.9	322.2	216.6	134.3	76.4	40.1	0.0
-37.5°	425.0	303.7	204.3	127.2	73.3	39.0	0.0
-40°	400.3	286.2	193.5	121.6	70.9	37.6	0.0
-42.5°	373.2	267.7	182.1	115.7	68.4	36.2	0.0
-45°	343.7	248.4	170.2	109.5	65.8	34.7	0.0
-47.5°	312.3	228.3	157.7	103.0	63.1	33.2	0.0
-50°	286.0	207.4	144.8	96.3	60.3	31.6	0.0
-52.5°	260.1	190.6	131.4	89.3	57.4	29.9	0.0
-55°	233.7	173.2	121.0	82.1	54.3	28.2	0.0
-57.5°	207.0	155.4	111.1	74.7	51.2	26.4	0.0
-60°	185.1	137.1	100.9	69.6	47.9	24.6	0.0
-62.5°	162.7	121.5	90.5	64.6	44.6	22.7	0.0
-65°	139.7	108.2	79.8	59.5	41.2	20.8	0.0
-67.5°	120.1	94.6	70.8	54.3	37.6	18.8	0.0
-70°	103.5	80.8	63.7	49.0	33.6	16.8	0.0
-72.5°	86.8	69.4	56.6	43.6	29.5	14.8	0.0
-75°	71.3	60.4	49.3	38.0	25.4	12.7	0.0
-77.5°	60.4	51.2	42.0	31.8	21.2	10.6	0.0
-80°	49.3	42.0	34.0	25.5	17.0	8.5	0.0
-82.5°	38.0	31.8	25.5	19.2	12.8	6.4	0.0
-85°	25.4	21.2	17.0	12.8	8.6	4.3	0.0
-87.5°	12.7	10.6	8.5	6.4	4.3	2.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)