

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: P902060 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 11/13/2024

Test Information

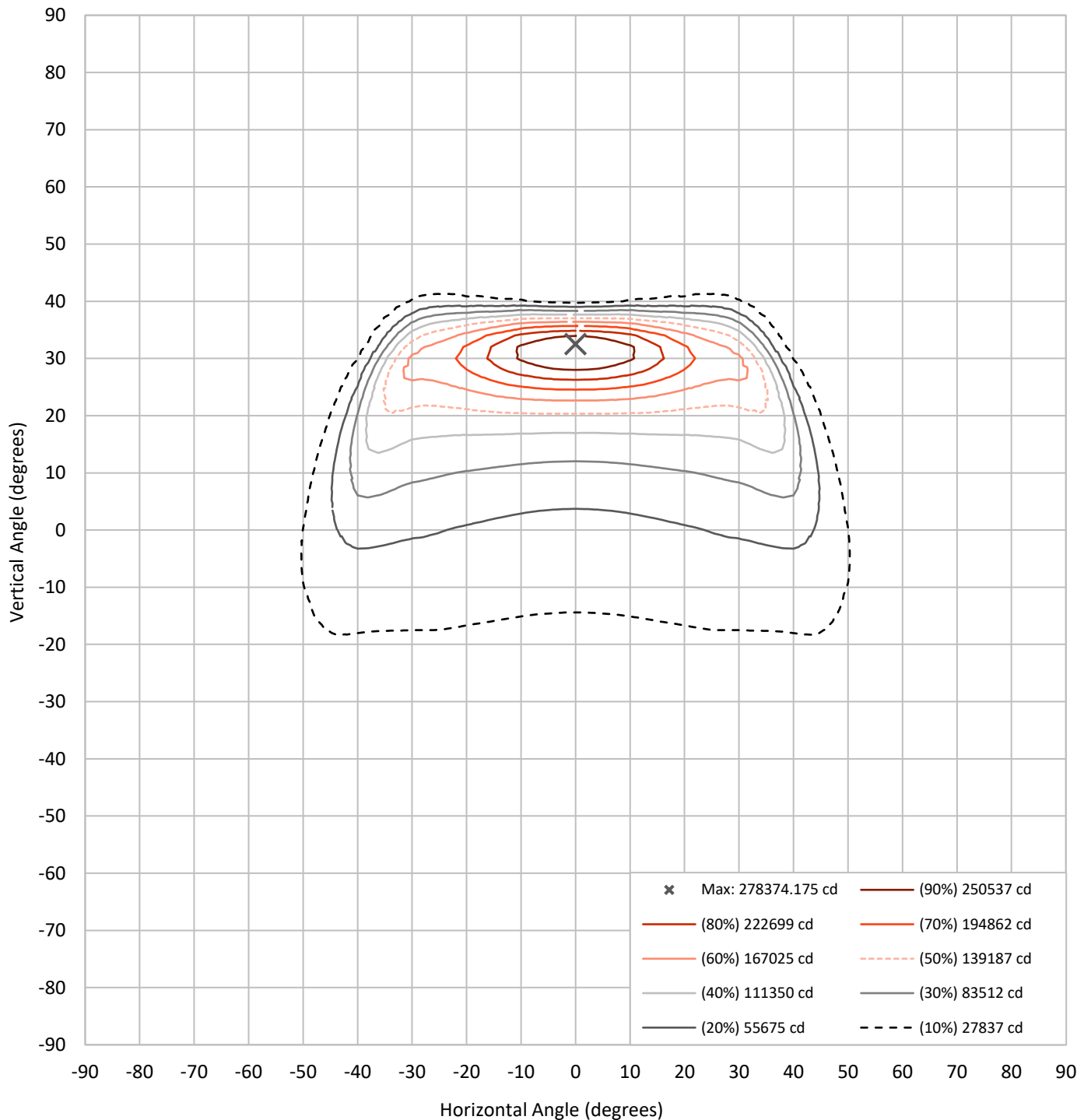
Test Method: LM-79-08
Report Number: P902060 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (LVM2048800)
Test Lab: INNOVATION CENTER
Issue Date: 11/13/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-AV-03-1360S-57-85-A35-NB-LT
Description: ARENAVISION LUMINAIRE
5700K, 85 CRI LEDS AND A35-NB-LT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	146558.8 lumens	Max Intensity:	278374.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 32.5°V
Efficacy:	103.7 lumens/watt		
Luminous Opening:	Rectangular (W 2m x L: 2m x H: 0m)		
Beam Angle (50%):	61.8°H x 16.6°V	Field Angle (10%):	76.3°H x 54.2°V
Beam Lumens:	56457 lumens	Field Lumens:	129089.1 lumens
Beam Efficiency:	38.5%	Field Efficiency:	88.1%
Input Watts (W):	1413		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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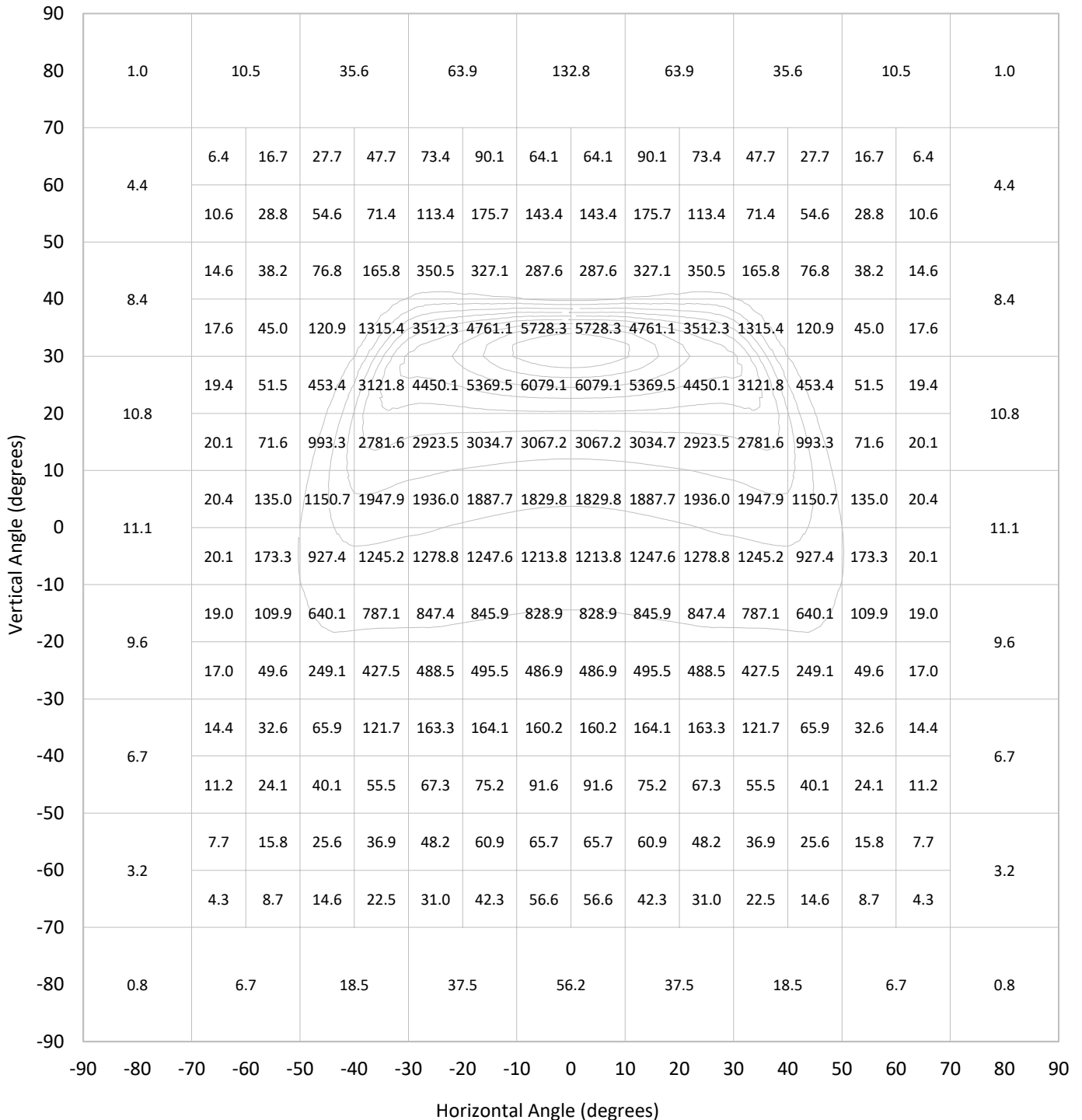
Iso-Candela Plot





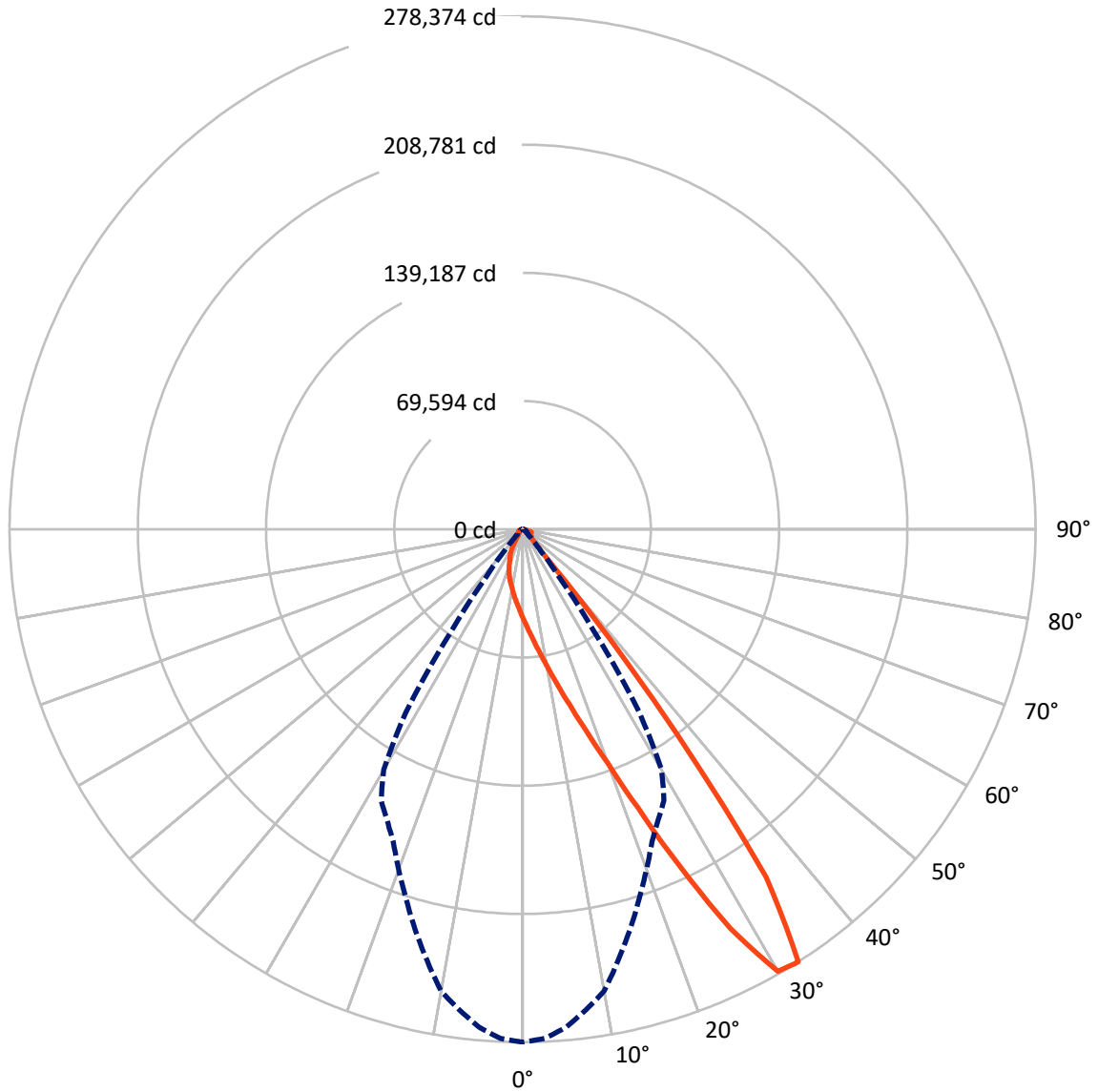
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Lumen Table



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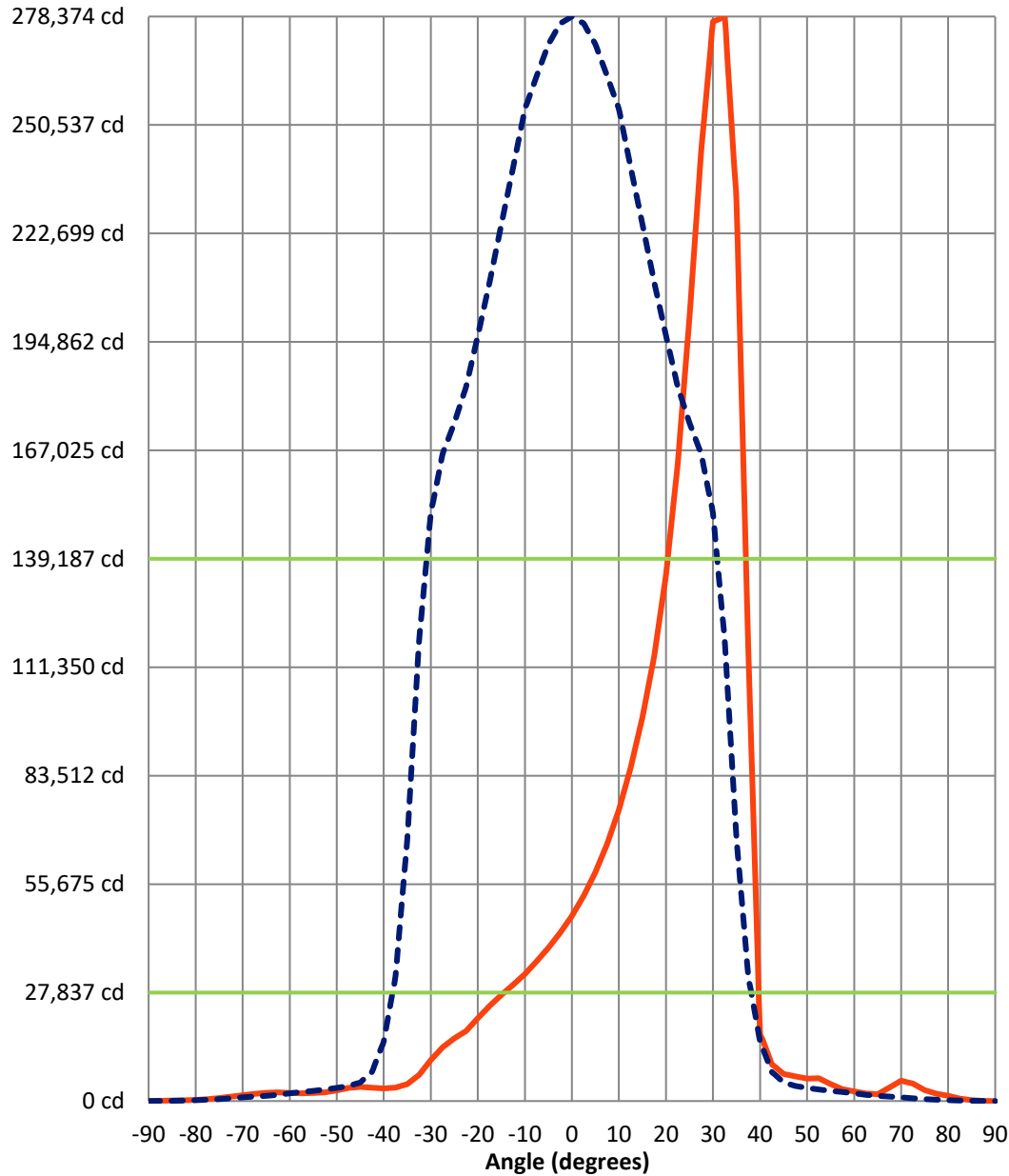
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 61.8°
 V Angle: 16.6°
 Lumens: 56457
 Efficiency: 38.5%

Field:
 H Angle: 76.3°
 V Angle: 54.2°
 Lumens: 129089.1
 Efficiency: 88.1%

Spill:
 Lumens: 17469.7
 Efficiency: 11.9%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.8	3.7	5.4	7.6	9.4	10.9	12.6	14.3	16.0	17.7
85°	0.0	3.7	7.3	10.8	15.1	18.8	21.9	25.2	28.6	32.0	36.3
82.5°	0.0	5.5	11.0	16.2	22.6	28.2	32.8	40.4	48.3	55.7	63.3
80°	0.0	7.3	14.6	21.5	30.1	38.2	49.0	60.8	70.8	80.1	95.0
77.5°	0.0	9.1	18.2	26.8	38.1	50.1	65.4	80.9	98.0	121.7	146.2
75°	0.0	10.9	21.7	32.1	47.3	61.9	81.4	107.8	136.2	166.8	203.1
72.5°	0.0	12.6	25.2	37.1	56.0	73.6	103.1	138.2	173.5	224.0	276.2
70°	0.0	14.4	28.7	41.8	64.2	88.1	126.0	167.8	222.6	286.1	349.1
67.5°	0.0	16.1	32.1	46.4	71.9	105.1	147.9	205.7	271.4	347.7	422.3
65°	0.0	17.7	35.1	50.9	81.0	121.5	172.7	243.7	322.1	409.4	495.0
62.5°	0.0	19.4	37.7	55.1	91.3	137.1	200.5	279.9	378.3	471.9	569.4
60°	0.0	21.0	40.2	59.2	101.0	154.3	226.8	322.3	434.2	544.3	643.0
57.5°	0.0	22.6	42.7	63.3	110.1	173.0	251.4	361.6	487.3	612.4	714.4
55°	0.0	24.1	45.2	70.2	118.6	190.0	280.9	397.6	541.1	673.6	784.4
52.5°	0.0	25.6	47.5	76.7	127.3	205.4	307.9	442.0	595.2	735.7	861.1
50°	0.0	27.0	49.8	83.0	139.3	220.1	332.0	483.9	653.7	799.3	932.1
47.5°	0.0	28.4	52.1	88.9	151.1	239.9	354.2	521.7	711.7	861.3	1005.5
45°	0.0	29.7	54.2	94.4	163.2	259.6	379.2	561.8	763.2	922.0	1071.6
42.5°	0.0	31.0	56.3	99.6	174.7	279.1	400.1	600.1	810.4	979.5	1128.9
40°	0.0	32.2	58.3	104.8	185.4	298.5	422.0	632.3	856.4	1031.9	1191.7
37.5°	0.0	33.3	60.2	109.9	195.3	317.6	447.1	658.9	901.0	1075.6	1243.5
35°	0.0	34.3	63.1	116.7	207.0	334.8	474.9	681.6	926.8	1115.2	1287.6
32.5°	0.0	35.1	66.1	123.7	218.5	349.4	501.3	707.6	952.3	1151.3	1333.3
30°	0.0	35.9	68.9	130.1	228.6	362.3	523.0	731.1	980.5	1183.9	1371.6
27.5°	0.0	36.6	71.5	135.9	238.4	373.6	540.1	748.0	1002.0	1214.6	1407.3
25°	0.0	37.2	73.8	141.1	247.4	383.4	554.4	758.6	1013.1	1245.3	1447.7
22.5°	0.0	37.8	76.0	145.6	255.5	392.7	566.2	773.6	1023.8	1270.3	1478.8
20°	0.0	38.4	77.9	149.6	262.5	403.7	576.0	787.6	1036.7	1289.4	1497.4
17.5°	0.0	38.8	79.6	153.4	268.5	413.5	585.4	797.4	1042.8	1300.2	1512.9
15°	0.0	39.3	81.1	156.9	273.5	422.1	592.2	803.7	1040.1	1308.2	1530.4
12.5°	0.0	39.6	82.4	159.9	278.7	429.0	596.1	807.0	1040.3	1318.7	1548.7
10°	0.0	39.9	83.4	162.3	283.2	432.7	597.0	807.1	1045.0	1333.3	1560.5
7.5°	0.0	40.1	84.3	164.2	286.7	433.9	597.2	804.6	1046.5	1342.4	1561.3
5°	0.0	40.3	84.8	165.6	289.3	433.4	595.6	801.2	1051.6	1345.4	1556.9
2.5°	0.0	40.4	85.2	166.4	290.8	431.5	591.8	794.7	1055.6	1342.7	1546.7
0°	0.0	40.4	85.3	166.7	291.3	428.2	585.9	785.0	1055.8	1336.1	1532.1
-2.5°	0.0	40.4	85.2	166.2	287.6	426.5	584.4	778.5	1045.6	1314.9	1521.2
-5°	0.0	40.3	84.8	165.2	282.9	423.5	580.9	769.2	1030.9	1289.7	1505.4
-7.5°	0.0	40.1	84.3	163.6	277.5	418.9	575.5	757.5	1013.2	1269.2	1492.0
-10°	0.0	39.9	83.4	161.5	271.2	412.8	568.0	744.8	995.2	1250.9	1474.2
-12.5°	0.0	39.6	82.4	159.0	264.3	404.8	558.1	730.1	972.4	1228.3	1453.1
-15°	0.0	39.3	81.1	155.9	257.6	394.9	546.3	713.2	949.3	1205.4	1428.2
-17.5°	0.0	38.8	79.6	152.3	252.1	383.8	532.7	697.0	927.4	1180.5	1400.2
-20°	0.0	38.4	77.9	148.3	245.8	372.0	516.9	679.5	900.7	1153.6	1369.6



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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	37.8	76.0	143.9	238.6	359.3	498.7	657.9	873.3	1121.7	1337.0
-25°	0.0	37.2	73.8	139.0	230.7	345.5	479.2	635.3	849.5	1084.3	1304.6
-27.5°	0.0	36.6	71.5	133.6	222.0	331.0	458.0	617.2	828.9	1049.4	1269.2
-30°	0.0	35.9	68.9	127.8	212.6	315.8	436.3	594.8	801.4	1015.1	1219.7
-32.5°	0.0	35.1	66.2	121.5	202.4	300.1	416.5	568.1	768.3	979.1	1166.6
-35°	0.0	34.3	63.2	114.8	191.5	283.9	394.8	538.6	732.3	934.5	1114.1
-37.5°	0.0	33.3	60.4	108.3	180.5	268.0	373.1	510.8	695.4	885.8	1052.9
-40°	0.0	32.2	58.6	103.3	170.4	252.6	352.0	483.0	656.2	836.1	990.8
-42.5°	0.0	31.0	56.6	98.0	159.7	236.4	329.0	450.8	615.7	782.9	928.3
-45°	0.0	29.7	54.5	92.5	148.6	219.5	304.0	415.0	574.1	729.6	867.4
-47.5°	0.0	28.4	52.4	86.7	136.9	201.8	277.0	383.8	533.9	675.8	805.6
-50°	0.0	27.0	50.1	80.7	124.8	183.4	254.1	352.1	486.2	619.9	741.7
-52.5°	0.0	25.6	47.8	74.5	112.2	167.7	231.2	315.9	436.2	559.6	671.5
-55°	0.0	24.1	45.4	68.1	102.8	151.4	207.5	277.0	392.4	497.5	597.4
-57.5°	0.0	22.6	42.9	61.4	93.9	134.7	183.4	247.6	350.1	436.0	524.7
-60°	0.0	21.0	40.4	57.4	84.8	117.5	162.8	218.5	309.4	387.3	453.3
-62.5°	0.0	19.4	37.8	53.5	75.5	103.3	141.7	187.6	264.3	336.9	389.6
-65°	0.0	17.7	35.1	49.5	66.0	91.4	120.1	162.5	216.0	277.1	326.4
-67.5°	0.0	16.1	32.1	45.4	58.3	79.2	102.0	135.7	175.2	216.9	265.2
-70°	0.0	14.4	28.7	41.2	52.8	66.9	87.2	109.0	140.9	170.1	205.3
-72.5°	0.0	12.6	25.2	37.0	47.2	57.2	72.2	90.8	108.3	134.3	161.5
-75°	0.0	10.9	21.7	32.5	41.5	50.1	58.7	72.0	87.5	103.1	125.2
-77.5°	0.0	9.1	18.2	27.2	35.7	43.0	50.1	56.3	66.8	80.4	97.8
-80°	0.0	7.3	14.6	21.8	29.0	35.7	41.5	46.6	52.7	59.5	73.5
-82.5°	0.0	5.5	11.0	16.4	21.8	27.2	32.5	36.9	41.2	45.9	55.2
-85°	0.0	3.7	7.3	11.0	14.6	18.2	21.7	25.2	28.7	32.0	38.1
-87.5°	0.0	1.8	3.7	5.5	7.3	9.1	10.9	12.6	14.4	16.0	19.2
-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: P902060 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NB-LT

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°	19.3	20.9	23.0	24.5	26.0	27.5	29.5	24.8	21.0	21.1	21.9
85°	41.6	47.1	50.8	55.1	59.4	63.5	64.1	63.7	64.3	71.0	74.2
82.5°	71.7	80.9	84.0	94.4	104.9	115.2	116.7	125.1	135.5	157.9	166.0
80°	114.3	131.2	138.5	151.3	166.6	186.0	192.5	211.9	234.8	279.5	299.7
77.5°	168.2	189.9	205.9	229.4	253.8	276.8	293.2	325.1	358.7	422.3	473.9
75°	240.7	268.1	285.7	326.1	363.8	391.5	417.4	464.4	527.9	617.3	695.7
72.5°	319.0	357.1	392.3	442.9	502.6	540.4	572.2	628.6	724.9	842.4	981.3
70°	404.1	454.1	516.0	599.3	670.9	726.7	761.6	821.2	928.2	1059.2	1226.2
67.5°	485.7	557.4	656.4	775.2	883.7	945.6	968.4	1015.1	1128.8	1263.0	1423.0
65°	558.3	655.9	809.2	963.6	1095.9	1172.9	1196.4	1223.3	1323.4	1451.5	1604.5
62.5°	637.0	774.9	955.9	1146.7	1300.5	1401.2	1450.5	1477.8	1521.0	1648.4	1797.9
60°	732.6	893.1	1108.3	1326.7	1501.9	1643.7	1762.7	1838.3	1834.8	1897.7	2022.6
57.5°	825.8	1012.6	1260.8	1508.5	1692.9	1884.6	2122.8	2331.1	2238.8	2206.4	2285.5
55°	921.0	1132.0	1409.6	1658.5	1871.2	2115.9	2410.7	2731.3	2735.9	2642.0	2616.2
52.5°	1012.1	1252.0	1543.9	1795.3	2040.3	2320.3	2642.6	2999.8	3199.7	3153.6	3009.8
50°	1112.4	1379.2	1677.6	1921.1	2185.0	2506.1	2848.9	3215.4	3540.9	3589.4	3356.1
47.5°	1199.9	1500.4	1789.7	2033.3	2317.0	2677.6	3061.6	3421.9	3727.2	3811.1	3698.7
45°	1282.1	1602.5	1891.3	2132.0	2442.6	2837.9	3254.8	3627.2	3918.8	4074.8	4122.4
42.5°	1352.3	1695.2	1980.5	2227.9	2553.7	2975.0	3405.6	3768.8	4101.3	4388.0	4972.8
40°	1429.2	1781.2	2071.1	2323.3	2663.1	3089.1	3506.3	3904.6	4317.9	4823.2	7025.6
37.5°	1482.3	1855.7	2159.3	2425.2	2763.5	3184.8	3604.2	4040.2	4582.5	6150.6	11630.3
35°	1538.5	1923.3	2248.7	2513.9	2872.0	3273.8	3710.5	4261.0	5396.9	9543.4	19844.1
32.5°	1591.3	1983.3	2319.2	2612.8	2967.8	3374.2	3873.2	4778.2	7513.8	15345.5	32125.0
30°	1627.3	2021.5	2392.6	2694.6	3063.7	3469.0	4056.8	5553.7	11956.4	26783.5	54862.6
27.5°	1659.6	2056.0	2451.3	2781.7	3155.1	3620.7	4623.0	8761.2	20548.4	41847.5	80602.1
25°	1687.3	2087.6	2515.2	2871.2	3261.5	3781.6	5282.4	12291.9	30017.1	55725.7	104468.4
22.5°	1717.3	2108.8	2558.5	2948.4	3379.1	4250.0	7782.2	19554.7	40897.4	73156.7	116474.7
20°	1723.8	2092.7	2591.9	3021.6	3561.0	5112.7	10993.1	26981.2	50596.5	85198.7	124091.7
17.5°	1739.1	2067.7	2553.5	3064.9	3797.4	6214.4	15047.2	34752.9	60531.8	93889.0	121115.2
15°	1747.9	2057.1	2514.1	3075.1	4133.6	8774.8	21442.2	42044.7	67471.0	99296.0	117557.7
12.5°	1768.4	2037.4	2465.5	3126.0	5262.5	12201.5	27156.8	47633.1	71662.3	98218.4	108157.1
10°	1786.1	2040.4	2438.5	3384.5	6710.0	15889.1	32007.0	51342.1	73777.7	93594.8	99131.3
7.5°	1788.4	2039.4	2447.5	3751.3	8499.3	19583.9	35821.5	53312.4	73323.1	87614.6	90146.8
5°	1784.6	2041.7	2513.0	4234.1	10420.4	23011.2	38311.0	53687.0	70646.5	80556.5	81135.9
2.5°	1773.6	2054.4	2601.5	4726.9	12290.6	25919.9	39479.1	52584.8	66182.0	72877.0	72568.1
0°	1757.3	2067.2	2695.4	5162.8	13909.4	28205.6	39648.4	50431.5	60716.2	65003.0	64566.1
-2.5°	1761.6	2102.8	2788.6	5381.6	14826.1	29568.1	38905.1	47381.1	54817.6	57683.8	57296.0
-5°	1759.8	2127.3	2832.1	5336.6	14858.8	30005.7	37771.0	43941.2	49119.6	50906.8	50629.4
-7.5°	1756.1	2138.5	2821.4	5045.8	13969.9	29272.6	36451.9	40402.4	43796.3	44868.4	44659.7
-10°	1742.7	2125.5	2771.9	4541.5	12218.5	27213.3	35062.5	37109.6	39082.6	39677.9	39423.4
-12.5°	1715.2	2088.4	2730.1	3924.7	9692.6	23734.3	33310.6	34892.1	35424.3	35640.1	35378.2
-15°	1681.0	2034.9	2645.0	3661.1	6793.8	18688.3	30365.2	32804.8	32437.4	32165.3	31776.6
-17.5°	1638.9	1966.8	2508.8	3390.7	5570.3	13133.0	25514.3	29623.3	29253.0	28708.3	28257.0
-20°	1596.2	1874.2	2340.1	3072.2	4495.3	8982.0	17654.5	23927.4	24982.3	24363.7	24127.6



REPORT NUMBER: P902060 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NB-LT

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1552.9	1805.7	2187.7	2739.9	3633.5	5758.0	10925.5	16943.4	19958.2	20543.2	20447.6
-25°	1507.6	1741.4	2070.2	2522.8	3147.0	4117.4	6515.8	10826.7	14861.7	16898.2	17397.2
-27.5°	1454.4	1669.6	1943.5	2311.7	2793.0	3455.9	4606.6	6636.4	9319.5	11670.5	13229.4
-30°	1399.5	1591.6	1825.1	2112.3	2470.3	2933.2	3473.4	4240.1	5552.8	7174.2	8700.9
-32.5°	1339.0	1515.2	1715.0	1957.5	2236.7	2583.7	2955.8	3353.0	3870.0	4536.4	5217.1
-35°	1271.8	1428.9	1599.9	1810.2	2043.7	2299.7	2564.7	2820.5	3116.8	3447.1	3792.3
-37.5°	1202.8	1349.6	1509.7	1695.9	1902.9	2108.8	2289.9	2478.2	2683.0	2852.4	3032.7
-40°	1136.4	1278.1	1421.2	1583.5	1768.4	1938.2	2081.7	2231.3	2380.3	2491.4	2593.5
-42.5°	1067.5	1203.5	1334.7	1478.7	1642.0	1780.2	1906.5	2029.3	2150.4	2255.5	2345.0
-45°	996.4	1119.4	1245.1	1368.7	1509.5	1634.9	1747.8	1851.7	1955.6	2055.0	2140.4
-47.5°	918.4	1032.0	1150.5	1261.7	1379.4	1488.4	1587.8	1690.0	1782.6	1864.8	1944.6
-50°	840.1	942.2	1044.6	1138.7	1236.2	1330.2	1420.3	1513.9	1598.3	1678.0	1745.4
-52.5°	759.6	848.1	930.2	1007.6	1085.6	1168.2	1246.7	1324.2	1407.9	1495.6	1555.1
-55°	679.1	756.3	816.0	887.9	962.6	1022.1	1092.2	1151.7	1240.0	1325.3	1396.7
-57.5°	599.7	668.3	728.3	786.6	857.6	914.0	970.8	1025.1	1101.5	1177.6	1258.6
-60°	523.7	587.0	641.1	692.7	752.9	808.8	872.0	926.2	976.9	1033.1	1111.0
-62.5°	450.8	508.5	550.5	590.2	627.8	687.2	747.2	802.2	848.2	893.5	951.4
-65°	379.5	428.5	453.4	483.8	512.1	558.8	616.5	667.7	719.4	766.9	811.5
-67.5°	306.0	343.9	359.4	390.6	417.6	455.6	503.9	546.5	593.9	645.1	690.7
-70°	242.5	269.2	298.3	318.6	345.7	378.4	410.9	442.3	480.2	521.8	563.2
-72.5°	183.9	213.0	240.1	259.3	279.5	306.6	332.3	354.8	376.8	404.8	439.8
-75°	146.0	164.3	182.3	199.2	215.3	236.5	255.9	268.9	279.8	296.6	320.4
-77.5°	110.6	123.9	139.1	149.6	157.7	168.2	185.2	196.4	198.8	204.2	214.7
-80°	83.7	92.7	101.6	108.8	115.4	124.5	133.5	141.3	141.6	143.1	151.1
-82.5°	60.5	65.2	70.0	76.9	82.9	88.3	93.4	98.4	101.4	103.7	107.5
-85°	41.5	44.6	47.7	51.1	54.5	57.4	60.3	63.0	66.7	74.4	76.1
-87.5°	21.0	22.7	24.4	26.1	27.7	29.2	30.7	32.2	33.5	48.1	50.0
-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°	23.9	25.4	26.7	28.2	29.3	30.1	31.5	32.6	33.4	33.9	34.9
85°	76.0	81.7	92.8	97.4	101.4	105.6	117.4	131.6	143.4	155.9	171.2
82.5°	165.3	170.5	190.3	202.5	220.5	241.7	271.1	315.4	360.7	414.5	466.2
80°	296.9	295.5	314.4	340.5	373.9	416.6	480.1	585.5	694.1	818.3	928.0
77.5°	486.0	487.0	493.6	510.5	533.1	586.2	673.2	823.0	976.0	1096.5	1216.4
75°	775.7	838.6	855.7	795.6	726.4	740.6	839.2	983.0	1121.7	1223.0	1329.2
72.5°	1140.1	1308.8	1393.8	1266.2	1045.7	945.3	966.9	1027.8	1105.5	1161.5	1208.6
70°	1431.7	1704.4	1941.2	1862.9	1534.0	1306.7	1185.4	1122.5	1142.5	1162.5	1152.1
67.5°	1644.7	2007.5	2384.8	2310.2	2054.6	1912.0	1915.3	1898.5	1647.7	1388.6	1282.0
65°	1841.9	2208.0	2762.1	2889.9	2479.6	2475.0	3173.8	3559.2	2961.9	2406.1	2053.1
62.5°	1977.4	2309.2	2933.5	3408.4	2821.7	2980.7	4445.3	5451.9	4511.7	3630.6	3070.9
60°	2159.4	2423.6	2931.0	3481.4	3341.8	3702.0	5299.6	6995.9	6252.0	4956.9	3939.6
57.5°	2388.5	2622.0	2965.7	3400.5	3732.5	4271.0	5250.7	6844.4	7251.8	5844.5	4469.9
55°	2705.3	2956.8	3319.0	3587.1	3894.5	4530.9	5052.5	5697.3	6222.7	6065.8	5572.3
52.5°	3078.9	3368.5	3762.5	4021.6	4186.8	4646.6	5229.1	5672.7	5880.5	6082.1	6128.5
50°	3362.0	3724.3	4121.3	4377.2	4554.8	4854.3	5326.3	6223.4	6788.9	6646.5	6777.6
47.5°	3841.3	4365.5	4747.8	5226.8	5166.2	5289.7	5394.1	5694.3	6217.2	6598.6	7067.4
45°	4889.3	6215.0	7362.9	8577.1	8377.9	8286.2	7447.8	6916.9	6775.1	6637.6	6757.3
42.5°	7241.3	10770.4	14440.0	17284.1	17361.1	17538.8	14939.0	13391.1	11491.4	9767.9	10042.3
40°	12613.5	20543.8	29514.8	37183.5	38703.8	39590.6	34627.0	36558.9	31595.4	31618.4	30015.2
37.5°	22480.9	37422.2	60469.6	77425.7	85963.8	91916.7	95079.9	101273.7	102892.5	107617.2	115807.2
35°	38653.6	72085.4	108797.4	130100.6	142631.0	150184.2	162877.2	173548.1	188480.0	198911.1	211702.5
32.5°	67298.7	118002.7	150782.4	166050.6	174065.3	183350.7	196473.8	210192.7	225035.1	239641.7	254564.5
30°	105387.4	151063.0	172755.9	179420.8	183722.4	192471.8	203483.0	216066.8	229120.3	242624.2	253840.3
27.5°	133345.4	165769.2	174521.5	173959.8	176975.8	183796.2	192119.0	201852.3	211234.9	221441.0	228729.6
25°	148140.2	162125.7	160758.1	158822.8	161147.6	165626.2	170658.3	176751.8	183012.4	188871.9	193290.0
22.5°	144095.0	148834.3	145029.3	142788.8	144176.2	146445.6	148985.3	152654.4	155842.3	158494.8	160761.7
20°	138083.1	135772.6	130783.7	128783.0	129489.5	129726.8	131022.4	132072.0	133473.1	134388.8	134596.6
17.5°	127349.9	123168.6	118385.0	116850.2	116540.9	115734.4	115638.4	115716.3	115568.5	115302.5	114859.3
15°	117099.3	111955.7	107826.2	106223.9	105101.6	103652.1	102868.2	102246.0	101479.0	100650.4	99654.0
12.5°	106475.9	101628.8	97957.2	96630.8	94975.3	93052.5	91951.3	90912.3	89859.6	88567.6	87582.0
10°	96655.3	91995.6	89040.0	87592.2	85731.8	83725.6	82319.0	81094.1	79710.2	78445.9	77174.3
7.5°	87359.1	83385.7	80888.9	79438.0	77274.7	75182.1	73796.6	72433.3	71009.8	69639.1	68444.2
5°	78562.9	75257.6	73075.2	71871.5	69725.9	67639.6	66185.7	64832.6	63453.1	62136.1	60961.4
2.5°	70464.9	67820.1	65951.2	64918.7	62931.0	60952.1	59503.9	58187.9	56931.1	55674.8	54535.5
0°	62882.4	60775.3	59269.0	58404.4	56647.8	54850.2	53607.9	52420.1	51220.3	50089.8	49173.2
-2.5°	55972.1	54421.7	53216.8	52574.2	51154.5	49588.2	48367.1	47333.3	46348.0	45417.8	44543.3
-5°	49606.1	48513.1	47689.7	47369.8	46229.2	44923.9	43882.8	42967.7	42097.6	41299.7	40620.5
-7.5°	44043.9	43261.3	42671.9	42525.3	41792.3	40667.5	39793.4	39041.2	38300.6	37583.8	37017.0
-10°	39098.6	38494.3	38084.1	38005.6	37557.7	36728.0	36018.5	35331.2	34692.4	34052.9	33591.7
-12.5°	35114.5	34751.7	34360.8	34383.1	34121.6	33395.8	32810.0	32214.9	31592.6	31027.4	30507.1
-15°	31569.9	31377.4	31149.7	31159.2	31041.4	30454.9	29940.6	29424.1	28901.1	28406.2	28092.8
-17.5°	28091.5	28065.3	27965.7	27925.8	27954.7	27372.4	26850.5	26348.7	25919.5	25501.7	24963.1
-20°	23989.7	24007.4	23992.5	24009.9	24163.3	23799.5	23415.4	23104.9	22684.0	22183.7	21991.1



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	20347.3	20339.6	20358.1	20372.5	20498.9	20293.3	19850.1	19454.9	19173.8	18821.3	18415.0
-25°	17655.9	17784.3	17899.5	17897.8	18023.1	18003.3	17665.5	17421.0	17089.6	16873.3	16555.6
-27.5°	14090.7	14611.4	14925.4	14986.9	15062.4	15153.1	14932.2	14702.3	14432.1	14230.5	13962.0
-30°	9779.8	10531.5	11045.0	11198.5	11298.4	11416.5	11325.5	11107.4	10771.6	10559.4	10325.1
-32.5°	6054.8	6775.8	7407.8	7671.3	7658.8	7848.5	7841.1	7475.5	7199.4	6907.5	6621.4
-35°	4085.8	4474.6	4941.5	5131.9	5078.5	5305.2	5238.2	4982.0	4698.7	4538.7	4270.7
-37.5°	3224.9	3372.5	3586.7	3689.2	3624.6	3798.2	3797.9	3668.0	3460.2	3358.8	3317.0
-40°	2722.6	2814.6	2869.4	2924.2	2957.5	3091.1	3119.9	3033.0	2944.6	2872.7	2841.2
-42.5°	2428.5	2483.2	2508.2	2523.5	2565.9	2687.9	2748.3	2699.9	2640.1	2598.3	2634.5
-45°	2219.7	2278.7	2304.7	2319.9	2348.6	2427.7	2492.8	2498.8	2453.1	2465.9	2568.1
-47.5°	2026.7	2097.1	2149.7	2189.1	2218.0	2279.2	2348.0	2418.2	2371.3	2411.7	2582.9
-50°	1803.8	1897.8	1975.8	2023.0	2091.3	2151.6	2262.9	2335.2	2333.3	2454.3	2695.0
-52.5°	1609.5	1695.3	1743.4	1796.1	1873.1	2014.9	2132.4	2277.6	2292.7	2358.6	2336.8
-55°	1454.0	1527.7	1567.5	1635.6	1731.1	1819.6	1909.7	2005.6	2110.9	2158.3	2014.9
-57.5°	1334.8	1404.3	1467.0	1541.6	1594.5	1632.1	1667.8	1721.3	2004.7	1945.2	1892.0
-60°	1203.3	1283.6	1358.5	1417.3	1448.4	1463.6	1484.4	1560.8	1884.7	1819.3	1876.6
-62.5°	1048.4	1136.7	1207.4	1255.8	1287.8	1313.0	1369.4	1488.6	1710.7	1720.5	1848.2
-65°	897.1	978.4	1037.2	1078.5	1121.4	1171.7	1235.8	1346.8	1489.0	1566.7	1712.3
-67.5°	747.9	822.5	879.4	916.8	953.7	1003.2	1059.3	1143.7	1246.7	1350.7	1495.2
-70°	614.0	669.6	717.2	753.9	787.6	825.5	874.7	949.8	1038.5	1129.4	1234.1
-72.5°	480.4	519.0	553.5	582.8	612.0	645.1	688.7	747.8	806.2	874.9	956.9
-75°	347.7	374.8	399.4	421.5	446.5	474.1	507.6	551.7	601.8	652.2	692.6
-77.5°	230.5	256.3	275.3	288.7	304.9	322.7	346.6	373.1	411.6	438.9	453.8
-80°	167.3	179.2	188.8	196.5	203.1	209.3	215.5	250.0	260.7	278.0	301.3
-82.5°	114.8	120.2	124.9	129.2	135.5	140.3	151.2	169.4	182.1	194.6	200.4
-85°	76.9	79.0	81.1	83.0	89.5	94.5	111.7	122.9	125.0	126.8	135.9
-87.5°	51.0	51.7	52.4	53.1	55.5	57.9	64.4	76.2	76.5	76.7	82.7
-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°	35.2	35.4	39.0	40.5	39.0	35.4	35.2	34.9	33.9	33.4	32.6
85°	185.6	195.4	214.6	219.9	214.6	195.4	185.6	171.2	155.9	143.4	131.6
82.5°	521.9	566.7	610.9	631.9	610.9	566.7	521.9	466.2	414.5	360.7	315.4
80°	1012.7	1125.4	1292.6	1347.0	1292.6	1125.4	1012.7	928.0	818.3	694.1	585.5
77.5°	1304.2	1424.3	1690.0	1886.0	1690.0	1424.3	1304.2	1216.4	1096.5	976.0	823.0
75°	1476.5	1728.4	2306.1	2822.7	2306.1	1728.4	1476.5	1329.2	1223.0	1121.7	983.0
72.5°	1331.4	1837.8	3175.1	4479.7	3175.1	1837.8	1331.4	1208.6	1161.5	1105.5	1027.8
70°	1150.0	1531.0	3186.0	5206.1	3186.0	1531.0	1150.0	1152.1	1162.5	1142.5	1122.5
67.5°	1232.5	1297.8	2113.3	3461.2	2113.3	1297.8	1232.5	1282.0	1388.6	1647.7	1898.5
65°	1786.0	1603.4	1614.7	1760.3	1614.7	1603.4	1786.0	2053.1	2406.1	2961.9	3559.2
62.5°	2618.3	2278.3	2051.2	1947.9	2051.2	2278.3	2618.3	3070.9	3630.6	4511.7	5451.9
60°	3236.8	2797.5	2562.3	2479.0	2562.3	2797.5	3236.8	3939.6	4956.9	6252.0	6995.9
57.5°	3734.4	3320.4	3114.4	3055.0	3114.4	3320.4	3734.4	4469.9	5844.5	7251.8	6844.4
55°	5081.5	4669.8	4434.7	4356.2	4434.7	4669.8	5081.5	5572.3	6065.8	6222.7	5697.3
52.5°	6106.3	6036.1	5936.4	5842.6	5936.4	6036.1	6106.3	6128.5	6082.1	5880.5	5672.7
50°	6748.5	6333.1	6009.2	5774.9	6009.2	6333.1	6748.5	6777.6	6646.5	6788.9	6223.4
47.5°	7265.7	6848.6	6587.3	6330.1	6587.3	6848.6	7265.7	7067.4	6598.6	6217.2	5694.3
45°	7122.5	7215.0	7118.3	6970.7	7118.3	7215.0	7122.5	6757.3	6637.6	6775.1	6916.9
42.5°	9803.4	9700.8	9608.2	9488.4	9608.2	9700.8	9803.4	10042.3	9767.9	11491.4	13391.1
40°	25972.0	21085.9	18388.0	17511.3	18388.0	21085.9	25972.0	30015.2	31618.4	31595.4	36558.9
37.5°	118116.0	116445.7	116789.5	116139.8	116789.5	116445.7	118116.0	115807.2	107617.2	102892.5	101273.7
35°	220796.7	226089.5	229601.5	230595.8	229601.5	226089.5	220796.7	211702.5	198911.1	188480.0	173548.1
32.5°	263076.7	271232.5	276572.8	278374.2	276572.8	271232.5	263076.7	254564.5	239641.7	225035.1	210192.7
30°	262678.0	270585.7	275271.4	277013.5	275271.4	270585.7	262678.0	253840.3	242624.2	229120.3	216066.8
27.5°	235437.9	241296.0	243488.7	244006.9	243488.7	241296.0	235437.9	228729.6	221441.0	211234.9	201852.3
25°	196708.0	199532.4	200684.7	201179.8	200684.7	199532.4	196708.0	193290.0	188871.9	183012.4	176751.8
22.5°	162168.1	163256.3	163452.0	163595.0	163452.0	163256.3	162168.1	160761.7	158494.8	155842.3	152654.4
20°	135119.5	135427.9	135227.4	135066.4	135227.4	135427.9	135119.5	134596.6	134388.8	133473.1	132072.0
17.5°	114770.3	114188.8	114014.5	114210.3	114014.5	114188.8	114770.3	114859.3	115302.5	115568.5	115716.3
15°	99153.0	98587.5	98296.8	98529.9	98296.8	98587.5	99153.0	99654.0	100650.4	101479.0	102246.0
12.5°	86723.7	85996.2	85631.5	85616.9	85631.5	85996.2	86723.7	87582.0	88567.6	89859.6	90912.3
10°	76195.6	75499.3	75063.5	74791.6	75063.5	75499.3	76195.6	77174.3	78445.9	79710.2	81094.1
7.5°	67373.1	66651.4	66117.3	66026.3	66117.3	66651.4	67373.1	68444.2	69639.1	71009.8	72433.3
5°	59988.2	59307.1	58941.2	58749.1	58941.2	59307.1	59988.2	60961.4	62136.1	63453.1	64832.6
2.5°	53643.1	53116.5	52777.9	52661.3	52777.9	53116.5	53643.1	54535.5	55674.8	56931.1	58187.9
0°	48366.0	47848.9	47570.7	47509.9	47570.7	47848.9	48366.0	49173.2	50089.8	51220.3	52420.1
-2.5°	43877.2	43466.8	43265.4	43193.5	43265.4	43466.8	43877.2	44543.3	45417.8	46348.0	47333.3
-5°	40076.2	39693.8	39409.5	39334.4	39409.5	39693.8	40076.2	40620.5	41299.7	42097.6	42967.7
-7.5°	36537.0	36183.2	35981.9	35867.9	35981.9	36183.2	36537.0	37017.0	37583.8	38300.6	39041.2
-10°	33221.9	32893.8	32716.9	32597.1	32716.9	32893.8	33221.9	33591.7	34052.9	34692.4	35331.2
-12.5°	30272.5	30072.2	29903.8	29844.4	29903.8	30072.2	30272.5	30507.1	31027.4	31592.6	32214.9
-15°	27623.3	27486.4	27237.7	27231.7	27237.7	27486.4	27623.3	28092.8	28406.2	28901.1	29424.1
-17.5°	24732.7	24355.6	24408.1	24405.7	24408.1	24355.6	24732.7	24963.1	25501.7	25919.5	26348.7
-20°	21573.5	21539.4	21375.8	21261.1	21375.8	21539.4	21573.5	21991.1	22183.7	22684.0	23104.9



REPORT NUMBER: P902060 (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°
-22.5°	18259.0	18149.0	18009.3	17975.5	18009.3	18149.0	18259.0	18415.0	18821.3	19173.8	19454.9
-25°	16472.4	16235.4	16142.1	16100.6	16142.1	16235.4	16472.4	16555.6	16873.3	17089.6	17421.0
-27.5°	13842.3	13828.7	13791.6	13775.1	13791.6	13828.7	13842.3	13962.0	14230.5	14432.1	14702.3
-30°	10345.2	10427.5	10534.5	10521.3	10534.5	10427.5	10345.2	10325.1	10559.4	10771.6	11107.4
-32.5°	6648.2	6758.3	6788.1	6703.3	6788.1	6758.3	6648.2	6621.4	6907.5	7199.4	7475.5
-35°	4275.2	4394.7	4404.7	4359.6	4404.7	4394.7	4275.2	4270.7	4538.7	4698.7	4982.0
-37.5°	3245.2	3360.4	3435.8	3449.5	3435.8	3360.4	3245.2	3317.0	3358.8	3460.2	3668.0
-40°	2881.8	2996.1	3177.8	3240.1	3177.8	2996.1	2881.8	2841.2	2872.7	2944.6	3033.0
-42.5°	2725.1	2942.5	3208.3	3422.2	3208.3	2942.5	2725.1	2634.5	2598.3	2640.1	2699.9
-45°	2645.8	3107.3	3486.5	3630.3	3486.5	3107.3	2645.8	2568.1	2465.9	2453.1	2498.8
-47.5°	2968.2	3226.5	3379.4	3371.0	3379.4	3226.5	2968.2	2582.9	2411.7	2371.3	2418.2
-50°	2715.2	2749.9	2791.4	2728.2	2791.4	2749.9	2715.2	2695.0	2454.3	2333.3	2335.2
-52.5°	2262.2	2305.0	2266.9	2240.2	2266.9	2305.0	2262.2	2336.8	2358.6	2292.7	2277.6
-55°	2036.2	2054.5	2055.8	2074.6	2055.8	2054.5	2036.2	2014.9	2158.3	2110.9	2005.6
-57.5°	1952.4	1978.8	1985.6	1992.7	1985.6	1978.8	1952.4	1892.0	1945.2	2004.7	1721.3
-60°	1976.7	2033.9	2073.9	2089.9	2073.9	2033.9	1976.7	1876.6	1819.3	1884.7	1560.8
-62.5°	1991.5	2108.9	2198.7	2228.0	2198.7	2108.9	1991.5	1848.2	1720.5	1710.7	1488.6
-65°	1869.3	1994.8	2083.1	2118.0	2083.1	1994.8	1869.3	1712.3	1566.7	1489.0	1346.8
-67.5°	1624.3	1725.3	1812.0	1838.0	1812.0	1725.3	1624.3	1495.2	1350.7	1246.7	1143.7
-70°	1324.9	1409.5	1477.2	1492.6	1477.2	1409.5	1324.9	1234.1	1129.4	1038.5	949.8
-72.5°	1007.1	1075.6	1123.8	1126.5	1123.8	1075.6	1007.1	956.9	874.9	806.2	747.8
-75°	721.1	758.0	781.6	770.1	781.6	758.0	721.1	692.6	652.2	601.8	551.7
-77.5°	467.3	478.3	482.5	478.0	482.5	478.3	467.3	453.8	438.9	411.6	373.1
-80°	306.1	307.9	296.5	291.3	296.5	307.9	306.1	301.3	278.0	260.7	250.0
-82.5°	212.9	208.8	202.6	202.3	202.6	208.8	212.9	200.4	194.6	182.1	169.4
-85°	137.7	137.8	137.6	137.7	137.6	137.8	137.7	135.9	126.8	125.0	122.9
-87.5°	82.7	83.1	83.5	83.5	83.5	83.1	82.7	82.7	76.7	76.5	76.2
-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°	31.5	30.1	29.3	28.2	26.7	25.4	23.9	21.9	21.1	21.0	24.8
85°	117.4	105.6	101.4	97.4	92.8	81.7	76.0	74.2	71.0	64.3	63.7
82.5°	271.1	241.7	220.5	202.5	190.3	170.5	165.3	166.0	157.9	135.5	125.1
80°	480.1	416.6	373.9	340.5	314.4	295.5	296.9	299.7	279.5	234.8	211.9
77.5°	673.2	586.2	533.1	510.5	493.6	487.0	486.0	473.9	422.3	358.7	325.1
75°	839.2	740.6	726.4	795.6	855.7	838.6	775.7	695.7	617.3	527.9	464.4
72.5°	966.9	945.3	1045.7	1266.2	1393.8	1308.8	1140.1	981.3	842.4	724.9	628.6
70°	1185.4	1306.7	1534.0	1862.9	1941.2	1704.4	1431.7	1226.2	1059.2	928.2	821.2
67.5°	1915.3	1912.0	2054.6	2310.2	2384.8	2007.5	1644.7	1423.0	1263.0	1128.8	1015.1
65°	3173.8	2475.0	2479.6	2889.9	2762.1	2208.0	1841.9	1604.5	1451.5	1323.4	1223.3
62.5°	4445.3	2980.7	2821.7	3408.4	2933.5	2309.2	1977.4	1797.9	1648.4	1521.0	1477.8
60°	5299.6	3702.0	3341.8	3481.4	2931.0	2423.6	2159.4	2022.6	1897.7	1834.8	1838.3
57.5°	5250.7	4271.0	3732.5	3400.5	2965.7	2622.0	2388.5	2285.5	2206.4	2238.8	2331.1
55°	5052.5	4530.9	3894.5	3587.1	3319.0	2956.8	2705.3	2616.2	2642.0	2735.9	2731.3
52.5°	5229.1	4646.6	4186.8	4021.6	3762.5	3368.5	3078.9	3009.8	3153.6	3199.7	2999.8
50°	5326.3	4854.3	4554.8	4377.2	4121.3	3724.3	3362.0	3356.1	3589.4	3540.9	3215.4
47.5°	5394.1	5289.7	5166.2	5226.8	4747.8	4365.5	3841.3	3698.7	3811.1	3727.2	3421.9
45°	7447.8	8286.2	8377.9	8577.1	7362.9	6215.0	4889.3	4122.4	4074.8	3918.8	3627.2
42.5°	14939.0	17538.8	17361.1	17284.1	14440.0	10770.4	7241.3	4972.8	4388.0	4101.3	3768.8
40°	34627.0	39590.6	38703.8	37183.5	29514.8	20543.8	12613.5	7025.6	4823.2	4317.9	3904.6
37.5°	95079.9	91916.7	85963.8	77425.7	60469.6	37422.2	22480.9	11630.3	6150.6	4582.5	4040.2
35°	162877.2	150184.2	142631.0	130100.6	108797.4	72085.4	38653.6	19844.1	9543.4	5396.9	4261.0
32.5°	196473.8	183350.7	174065.3	166050.6	150782.4	118002.7	67298.7	32125.0	15345.5	7513.8	4778.2
30°	203483.0	192471.8	183722.4	179420.8	172755.9	151063.0	105387.4	54862.6	26783.5	11956.4	5553.7
27.5°	192119.0	183796.2	176975.8	173959.8	174521.5	165769.2	133345.4	80602.1	41847.5	20548.4	8761.2
25°	170658.3	165626.2	161147.6	158822.8	160758.1	162125.7	148140.2	104468.4	55725.7	30017.1	12291.9
22.5°	148985.3	146445.6	144176.2	142788.8	145029.3	148834.3	144095.0	116474.7	73156.7	40897.4	19554.7
20°	131022.4	129726.8	129489.5	128783.0	130783.7	135772.6	138083.1	124091.7	85198.7	50596.5	26981.2
17.5°	115638.4	115734.4	116540.9	116850.2	118385.0	123168.6	127349.9	121115.2	93889.0	60531.8	34752.9
15°	102868.2	103652.1	105101.6	106223.9	107826.2	111955.7	117099.3	117557.7	99296.0	67471.0	42044.7
12.5°	91951.3	93052.5	94975.3	96630.8	97957.2	101628.8	106475.9	108157.1	98218.4	71662.3	47633.1
10°	82319.0	83725.6	85731.8	87592.2	89040.0	91995.6	96655.3	99131.3	93594.8	73777.7	51342.1
7.5°	73796.6	75182.1	77274.7	79438.0	80888.9	83385.7	87359.1	90146.8	87614.6	73323.1	53312.4
5°	66185.7	67639.6	69725.9	71871.5	73075.2	75257.6	78562.9	81135.9	80556.5	70646.5	53687.0
2.5°	59503.9	60952.1	62931.0	64918.7	65951.2	67820.1	70464.9	72568.1	72877.0	66182.0	52584.8
0°	53607.9	54850.2	56647.8	58404.4	59269.0	60775.3	62882.4	64566.1	65003.0	60716.2	50431.5
-2.5°	48367.1	49588.2	51154.5	52574.2	53216.8	54421.7	55972.1	57296.0	57683.8	54817.6	47381.1
-5°	43882.8	44923.9	46229.2	47369.8	47689.7	48513.1	49606.1	50629.4	50906.8	49119.6	43941.2
-7.5°	39793.4	40667.5	41792.3	42525.3	42671.9	43261.3	44043.9	44659.7	44868.4	43796.3	40402.4
-10°	36018.5	36728.0	37557.7	38005.6	38084.1	38494.3	39098.6	39423.4	39677.9	39082.6	37109.6
-12.5°	32810.0	33395.8	34121.6	34383.1	34360.8	34751.7	35114.5	35378.2	35640.1	35424.3	34892.1
-15°	29940.6	30454.9	31041.4	31159.2	31149.7	31377.4	31569.9	31776.6	32165.3	32437.4	32804.8
-17.5°	26850.5	27372.4	27954.7	27925.8	27965.7	28065.3	28091.5	28257.0	28708.3	29253.0	29623.3
-20°	23415.4	23799.5	24163.3	24009.9	23992.5	24007.4	23989.7	24127.6	24363.7	24982.3	23927.4



REPORT NUMBER: P902060 (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°	19850.1	20293.3	20498.9	20372.5	20358.1	20339.6	20347.3	20447.6	20543.2	19958.2	16943.4
-25°	17665.5	18003.3	18023.1	17897.8	17899.5	17784.3	17655.9	17397.2	16898.2	14861.7	10826.7
-27.5°	14932.2	15153.1	15062.4	14986.9	14925.4	14611.4	14090.7	13229.4	11670.5	9319.5	6636.4
-30°	11325.5	11416.5	11298.4	11198.5	11045.0	10531.5	9779.8	8700.9	7174.2	5552.8	4240.1
-32.5°	7841.1	7848.5	7658.8	7671.3	7407.8	6775.8	6054.8	5217.1	4536.4	3870.0	3353.0
-35°	5238.2	5305.2	5078.5	5131.9	4941.5	4474.6	4085.8	3792.3	3447.1	3116.8	2820.5
-37.5°	3797.9	3798.2	3624.6	3689.2	3586.7	3372.5	3224.9	3032.7	2852.4	2683.0	2478.2
-40°	3119.9	3091.1	2957.5	2924.2	2869.4	2814.6	2722.6	2593.5	2491.4	2380.3	2231.3
-42.5°	2748.3	2687.9	2565.9	2523.5	2508.2	2483.2	2428.5	2345.0	2255.5	2150.4	2029.3
-45°	2492.8	2427.7	2348.6	2319.9	2304.7	2278.7	2219.7	2140.4	2055.0	1955.6	1851.7
-47.5°	2348.0	2279.2	2218.0	2189.1	2149.7	2097.1	2026.7	1944.6	1864.8	1782.6	1690.0
-50°	2262.9	2151.6	2091.3	2023.0	1975.8	1897.8	1803.8	1745.4	1678.0	1598.3	1513.9
-52.5°	2132.4	2014.9	1873.1	1796.1	1743.4	1695.3	1609.5	1555.1	1495.6	1407.9	1324.2
-55°	1909.7	1819.6	1731.1	1635.6	1567.5	1527.7	1454.0	1396.7	1325.3	1240.0	1151.7
-57.5°	1667.8	1632.1	1594.5	1541.6	1467.0	1404.3	1334.8	1258.6	1177.6	1101.5	1025.1
-60°	1484.4	1463.6	1448.4	1417.3	1358.5	1283.6	1203.3	1111.0	1033.1	976.9	926.2
-62.5°	1369.4	1313.0	1287.8	1255.8	1207.4	1136.7	1048.4	951.4	893.5	848.2	802.2
-65°	1235.8	1171.7	1121.4	1078.5	1037.2	978.4	897.1	811.5	766.9	719.4	667.7
-67.5°	1059.3	1003.2	953.7	916.8	879.4	822.5	747.9	690.7	645.1	593.9	546.5
-70°	874.7	825.5	787.6	753.9	717.2	669.6	614.0	563.2	521.8	480.2	442.3
-72.5°	688.7	645.1	612.0	582.8	553.5	519.0	480.4	439.8	404.8	376.8	354.8
-75°	507.6	474.1	446.5	421.5	399.4	374.8	347.7	320.4	296.6	279.8	268.9
-77.5°	346.6	322.7	304.9	288.7	275.3	256.3	230.5	214.7	204.2	198.8	196.4
-80°	215.5	209.3	203.1	196.5	188.8	179.2	167.3	151.1	143.1	141.6	141.3
-82.5°	151.2	140.3	135.5	129.2	124.9	120.2	114.8	107.5	103.7	101.4	98.4
-85°	111.7	94.5	89.5	83.0	81.1	79.0	76.9	76.1	74.4	66.7	63.0
-87.5°	64.4	57.9	55.5	53.1	52.4	51.7	51.0	50.0	48.1	33.5	32.2
-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-NB-LT

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	27.5	26.0	24.5	23.0	20.9	19.3	17.7	16.0	14.3	12.6
85°	64.1	63.5	59.4	55.1	50.8	47.1	41.6	36.3	32.0	28.6	25.2
82.5°	116.7	115.2	104.9	94.4	84.0	80.9	71.7	63.3	55.7	48.3	40.4
80°	192.5	186.0	166.6	151.3	138.5	131.2	114.3	95.0	80.1	70.8	60.8
77.5°	293.2	276.8	253.8	229.4	205.9	189.9	168.2	146.2	121.7	98.0	80.9
75°	417.4	391.5	363.8	326.1	285.7	268.1	240.7	203.1	166.8	136.2	107.8
72.5°	572.2	540.4	502.6	442.9	392.3	357.1	319.0	276.2	224.0	173.5	138.2
70°	761.6	726.7	670.9	599.3	516.0	454.1	404.1	349.1	286.1	222.6	167.8
67.5°	968.4	945.6	883.7	775.2	656.4	557.4	485.7	422.3	347.7	271.4	205.7
65°	1196.4	1172.9	1095.9	963.6	809.2	655.9	558.3	495.0	409.4	322.1	243.7
62.5°	1450.5	1401.2	1300.5	1146.7	955.9	774.9	637.0	569.4	471.9	378.3	279.9
60°	1762.7	1643.7	1501.9	1326.7	1108.3	893.1	732.6	643.0	544.3	434.2	322.3
57.5°	2122.8	1884.6	1692.9	1508.5	1260.8	1012.6	825.8	714.4	612.4	487.3	361.6
55°	2410.7	2115.9	1871.2	1658.5	1409.6	1132.0	921.0	784.4	673.6	541.1	397.6
52.5°	2642.6	2320.3	2040.3	1795.3	1543.9	1252.0	1012.1	861.1	735.7	595.2	442.0
50°	2848.9	2506.1	2185.0	1921.1	1677.6	1379.2	1112.4	932.1	799.3	653.7	483.9
47.5°	3061.6	2677.6	2317.0	2033.3	1789.7	1500.4	1199.9	1005.5	861.3	711.7	521.7
45°	3254.8	2837.9	2442.6	2132.0	1891.3	1602.5	1282.1	1071.6	922.0	763.2	561.8
42.5°	3405.6	2975.0	2553.7	2227.9	1980.5	1695.2	1352.3	1128.9	979.5	810.4	600.1
40°	3506.3	3089.1	2663.1	2323.3	2071.1	1781.2	1429.2	1191.7	1031.9	856.4	632.3
37.5°	3604.2	3184.8	2763.5	2425.2	2159.3	1855.7	1482.3	1243.5	1075.6	901.0	658.9
35°	3710.5	3273.8	2872.0	2513.9	2248.7	1923.3	1538.5	1287.6	1115.2	926.8	681.6
32.5°	3873.2	3374.2	2967.8	2612.8	2319.2	1983.3	1591.3	1333.3	1151.3	952.3	707.6
30°	4056.8	3469.0	3063.7	2694.6	2392.6	2021.5	1627.3	1371.6	1183.9	980.5	731.1
27.5°	4623.0	3620.7	3155.1	2781.7	2451.3	2056.0	1659.6	1407.3	1214.6	1002.0	748.0
25°	5282.4	3781.6	3261.5	2871.2	2515.2	2087.6	1687.3	1447.7	1245.3	1013.1	758.6
22.5°	7782.2	4250.0	3379.1	2948.4	2558.5	2108.8	1717.3	1478.8	1270.3	1023.8	773.6
20°	10993.1	5112.7	3561.0	3021.6	2591.9	2092.7	1723.8	1497.4	1289.4	1036.7	787.6
17.5°	15047.2	6214.4	3797.4	3064.9	2553.5	2067.7	1739.1	1512.9	1300.2	1042.8	797.4
15°	21442.2	8774.8	4133.6	3075.1	2514.1	2057.1	1747.9	1530.4	1308.2	1040.1	803.7
12.5°	27156.8	12201.5	5262.5	3126.0	2465.5	2037.4	1768.4	1548.7	1318.7	1040.3	807.0
10°	32007.0	15889.1	6710.0	3384.5	2438.5	2040.4	1786.1	1560.5	1333.3	1045.0	807.1
7.5°	35821.5	19583.9	8499.3	3751.3	2447.5	2039.4	1788.4	1561.3	1342.4	1046.5	804.6
5°	38311.0	23011.2	10420.4	4234.1	2513.0	2041.7	1784.6	1556.9	1345.4	1051.6	801.2
2.5°	39479.1	25919.9	12290.6	4726.9	2601.5	2054.4	1773.6	1546.7	1342.7	1055.6	794.7
0°	39648.4	28205.6	13909.4	5162.8	2695.4	2067.2	1757.3	1532.1	1336.1	1055.8	785.0
-2.5°	38905.1	29568.1	14826.1	5381.6	2788.6	2102.8	1761.6	1521.2	1314.9	1045.6	778.5
-5°	37771.0	30005.7	14858.8	5336.6	2832.1	2127.3	1759.8	1505.4	1289.7	1030.9	769.2
-7.5°	36451.9	29272.6	13969.9	5045.8	2821.4	2138.5	1756.1	1492.0	1269.2	1013.2	757.5
-10°	35062.5	27213.3	12218.5	4541.5	2771.9	2125.5	1742.7	1474.2	1250.9	995.2	744.8
-12.5°	33310.6	23734.3	9692.6	3924.7	2730.1	2088.4	1715.2	1453.1	1228.3	972.4	730.1
-15°	30365.2	18688.3	6793.8	3661.1	2645.0	2034.9	1681.0	1428.2	1205.4	949.3	713.2
-17.5°	25514.3	13133.0	5570.3	3390.7	2508.8	1966.8	1638.9	1400.2	1180.5	927.4	697.0
-20°	17654.5	8982.0	4495.3	3072.2	2340.1	1874.2	1596.2	1369.6	1153.6	900.7	679.5



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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°	10925.5	5758.0	3633.5	2739.9	2187.7	1805.7	1552.9	1337.0	1121.7	873.3	657.9
-25°	6515.8	4117.4	3147.0	2522.8	2070.2	1741.4	1507.6	1304.6	1084.3	849.5	635.3
-27.5°	4606.6	3455.9	2793.0	2311.7	1943.5	1669.6	1454.4	1269.2	1049.4	828.9	617.2
-30°	3473.4	2933.2	2470.3	2112.3	1825.1	1591.6	1399.5	1219.7	1015.1	801.4	594.8
-32.5°	2955.8	2583.7	2236.7	1957.5	1715.0	1515.2	1339.0	1166.6	979.1	768.3	568.1
-35°	2564.7	2299.7	2043.7	1810.2	1599.9	1428.9	1271.8	1114.1	934.5	732.3	538.6
-37.5°	2289.9	2108.8	1902.9	1695.9	1509.7	1349.6	1202.8	1052.9	885.8	695.4	510.8
-40°	2081.7	1938.2	1768.4	1583.5	1421.2	1278.1	1136.4	990.8	836.1	656.2	483.0
-42.5°	1906.5	1780.2	1642.0	1478.7	1334.7	1203.5	1067.5	928.3	782.9	615.7	450.8
-45°	1747.8	1634.9	1509.5	1368.7	1245.1	1119.4	996.4	867.4	729.6	574.1	415.0
-47.5°	1587.8	1488.4	1379.4	1261.7	1150.5	1032.0	918.4	805.6	675.8	533.9	383.8
-50°	1420.3	1330.2	1236.2	1138.7	1044.6	942.2	840.1	741.7	619.9	486.2	352.1
-52.5°	1246.7	1168.2	1085.6	1007.6	930.2	848.1	759.6	671.5	559.6	436.2	315.9
-55°	1092.2	1022.1	962.6	887.9	816.0	756.3	679.1	597.4	497.5	392.4	277.0
-57.5°	970.8	914.0	857.6	786.6	728.3	668.3	599.7	524.7	436.0	350.1	247.6
-60°	872.0	808.8	752.9	692.7	641.1	587.0	523.7	453.3	387.3	309.4	218.5
-62.5°	747.2	687.2	627.8	590.2	550.5	508.5	450.8	389.6	336.9	264.3	187.6
-65°	616.5	558.8	512.1	483.8	453.4	428.5	379.5	326.4	277.1	216.0	162.5
-67.5°	503.9	455.6	417.6	390.6	359.4	343.9	306.0	265.2	216.9	175.2	135.7
-70°	410.9	378.4	345.7	318.6	298.3	269.2	242.5	205.3	170.1	140.9	109.0
-72.5°	332.3	306.6	279.5	259.3	240.1	213.0	183.9	161.5	134.3	108.3	90.8
-75°	255.9	236.5	215.3	199.2	182.3	164.3	146.0	125.2	103.1	87.5	72.0
-77.5°	185.2	168.2	157.7	149.6	139.1	123.9	110.6	97.8	80.4	66.8	56.3
-80°	133.5	124.5	115.4	108.8	101.6	92.7	83.7	73.5	59.5	52.7	46.6
-82.5°	93.4	88.3	82.9	76.9	70.0	65.2	60.5	55.2	45.9	41.2	36.9
-85°	60.3	57.4	54.5	51.1	47.7	44.6	41.5	38.1	32.0	28.7	25.2
-87.5°	30.7	29.2	27.7	26.1	24.4	22.7	21.0	19.2	16.0	14.4	12.6
-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):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.9	9.4	7.6	5.4	3.7	1.8	0.0
85°	21.9	18.8	15.1	10.8	7.3	3.7	0.0
82.5°	32.8	28.2	22.6	16.2	11.0	5.5	0.0
80°	49.0	38.2	30.1	21.5	14.6	7.3	0.0
77.5°	65.4	50.1	38.1	26.8	18.2	9.1	0.0
75°	81.4	61.9	47.3	32.1	21.7	10.9	0.0
72.5°	103.1	73.6	56.0	37.1	25.2	12.6	0.0
70°	126.0	88.1	64.2	41.8	28.7	14.4	0.0
67.5°	147.9	105.1	71.9	46.4	32.1	16.1	0.0
65°	172.7	121.5	81.0	50.9	35.1	17.7	0.0
62.5°	200.5	137.1	91.3	55.1	37.7	19.4	0.0
60°	226.8	154.3	101.0	59.2	40.2	21.0	0.0
57.5°	251.4	173.0	110.1	63.3	42.7	22.6	0.0
55°	280.9	190.0	118.6	70.2	45.2	24.1	0.0
52.5°	307.9	205.4	127.3	76.7	47.5	25.6	0.0
50°	332.0	220.1	139.3	83.0	49.8	27.0	0.0
47.5°	354.2	239.9	151.1	88.9	52.1	28.4	0.0
45°	379.2	259.6	163.2	94.4	54.2	29.7	0.0
42.5°	400.1	279.1	174.7	99.6	56.3	31.0	0.0
40°	422.0	298.5	185.4	104.8	58.3	32.2	0.0
37.5°	447.1	317.6	195.3	109.9	60.2	33.3	0.0
35°	474.9	334.8	207.0	116.7	63.1	34.3	0.0
32.5°	501.3	349.4	218.5	123.7	66.1	35.1	0.0
30°	523.0	362.3	228.6	130.1	68.9	35.9	0.0
27.5°	540.1	373.6	238.4	135.9	71.5	36.6	0.0
25°	554.4	383.4	247.4	141.1	73.8	37.2	0.0
22.5°	566.2	392.7	255.5	145.6	76.0	37.8	0.0
20°	576.0	403.7	262.5	149.6	77.9	38.4	0.0
17.5°	585.4	413.5	268.5	153.4	79.6	38.8	0.0
15°	592.2	422.1	273.5	156.9	81.1	39.3	0.0
12.5°	596.1	429.0	278.7	159.9	82.4	39.6	0.0
10°	597.0	432.7	283.2	162.3	83.4	39.9	0.0
7.5°	597.2	433.9	286.7	164.2	84.3	40.1	0.0
5°	595.6	433.4	289.3	165.6	84.8	40.3	0.0
2.5°	591.8	431.5	290.8	166.4	85.2	40.4	0.0
0°	585.9	428.2	291.3	166.7	85.3	40.4	0.0
-2.5°	584.4	426.5	287.6	166.2	85.2	40.4	0.0
-5°	580.9	423.5	282.9	165.2	84.8	40.3	0.0
-7.5°	575.5	418.9	277.5	163.6	84.3	40.1	0.0
-10°	568.0	412.8	271.2	161.5	83.4	39.9	0.0
-12.5°	558.1	404.8	264.3	159.0	82.4	39.6	0.0
-15°	546.3	394.9	257.6	155.9	81.1	39.3	0.0
-17.5°	532.7	383.8	252.1	152.3	79.6	38.8	0.0
-20°	516.9	372.0	245.8	148.3	77.9	38.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	498.7	359.3	238.6	143.9	76.0	37.8	0.0
-25°	479.2	345.5	230.7	139.0	73.8	37.2	0.0
-27.5°	458.0	331.0	222.0	133.6	71.5	36.6	0.0
-30°	436.3	315.8	212.6	127.8	68.9	35.9	0.0
-32.5°	416.5	300.1	202.4	121.5	66.2	35.1	0.0
-35°	394.8	283.9	191.5	114.8	63.2	34.3	0.0
-37.5°	373.1	268.0	180.5	108.3	60.4	33.3	0.0
-40°	352.0	252.6	170.4	103.3	58.6	32.2	0.0
-42.5°	329.0	236.4	159.7	98.0	56.6	31.0	0.0
-45°	304.0	219.5	148.6	92.5	54.5	29.7	0.0
-47.5°	277.0	201.8	136.9	86.7	52.4	28.4	0.0
-50°	254.1	183.4	124.8	80.7	50.1	27.0	0.0
-52.5°	231.2	167.7	112.2	74.5	47.8	25.6	0.0
-55°	207.5	151.4	102.8	68.1	45.4	24.1	0.0
-57.5°	183.4	134.7	93.9	61.4	42.9	22.6	0.0
-60°	162.8	117.5	84.8	57.4	40.4	21.0	0.0
-62.5°	141.7	103.3	75.5	53.5	37.8	19.4	0.0
-65°	120.1	91.4	66.0	49.5	35.1	17.7	0.0
-67.5°	102.0	79.2	58.3	45.4	32.1	16.1	0.0
-70°	87.2	66.9	52.8	41.2	28.7	14.4	0.0
-72.5°	72.2	57.2	47.2	37.0	25.2	12.6	0.0
-75°	58.7	50.1	41.5	32.5	21.7	10.9	0.0
-77.5°	50.1	43.0	35.7	27.2	18.2	9.1	0.0
-80°	41.5	35.7	29.0	21.8	14.6	7.3	0.0
-82.5°	32.5	27.2	21.8	16.4	11.0	5.5	0.0
-85°	21.7	18.2	14.6	11.0	7.3	3.7	0.0
-87.5°	10.9	9.1	7.3	5.5	3.7	1.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)