

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: P902052 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 11/13/2024

Test Information

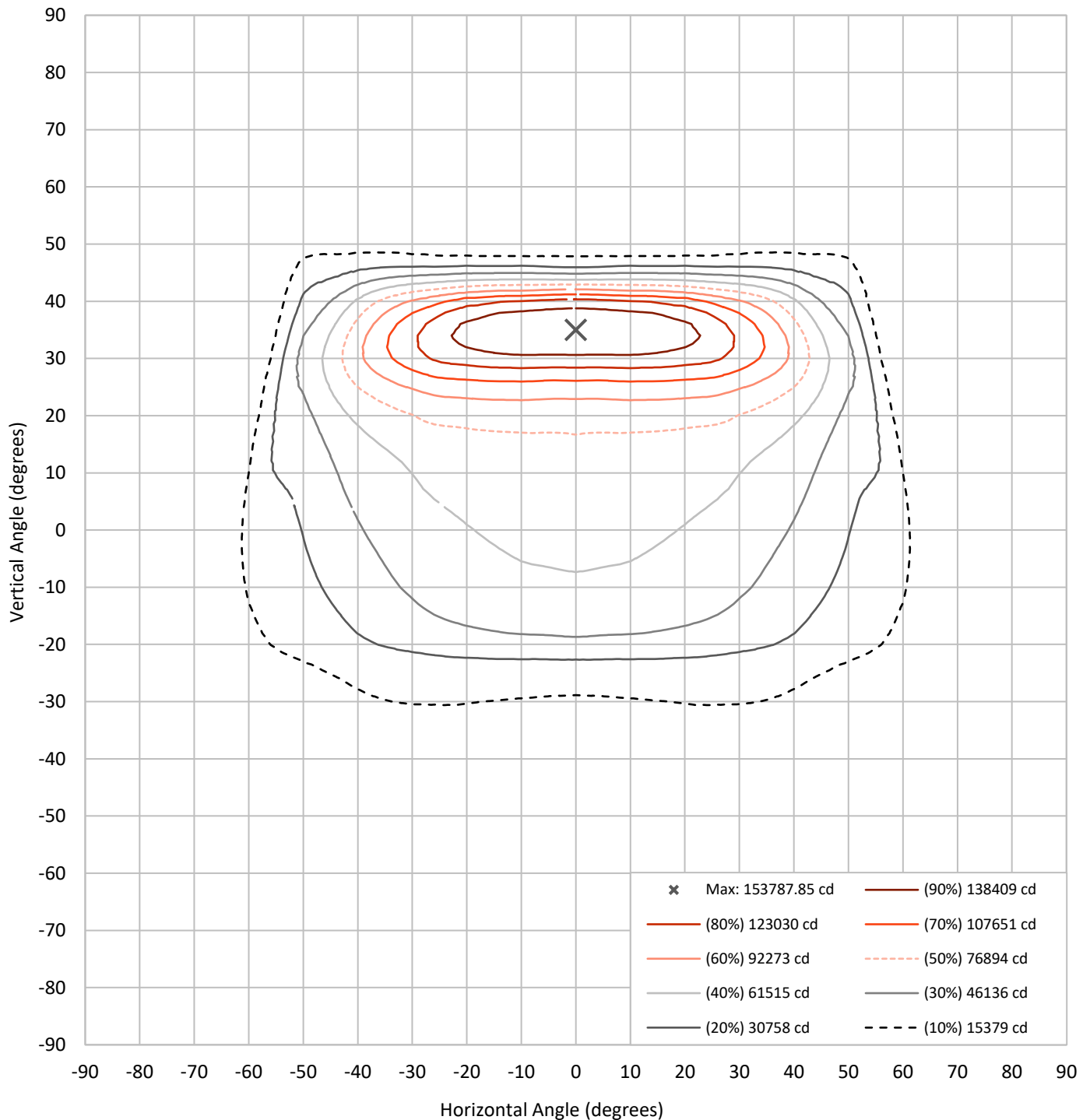
Test Method: LM-79-08
Report Number: P902052 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (LVM2044200)
Test Lab: INNOVATION CENTER
Issue Date: 11/13/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-AV-03-1360S-57-85-A35-MB-LT
Description: ARENAVISION LUMINAIRE
5700K, 85 CRI LEDS AND A35-MB-LT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	148730.9 lumens	Max Intensity:	153787.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 35°V
Efficacy:	105.3 lumens/watt		
Luminous Opening:	Rectangular (W 2m x L: 2m x H: 0m)		
Beam Angle (50%):	82.9°H x 26.2°V	Field Angle (10%):	109.1°H x 76.6°V
Beam Lumens:	58562.7 lumens	Field Lumens:	138123.8 lumens
Beam Efficiency:	39.4%	Field Efficiency:	92.9%
Input Watts (W):	1413		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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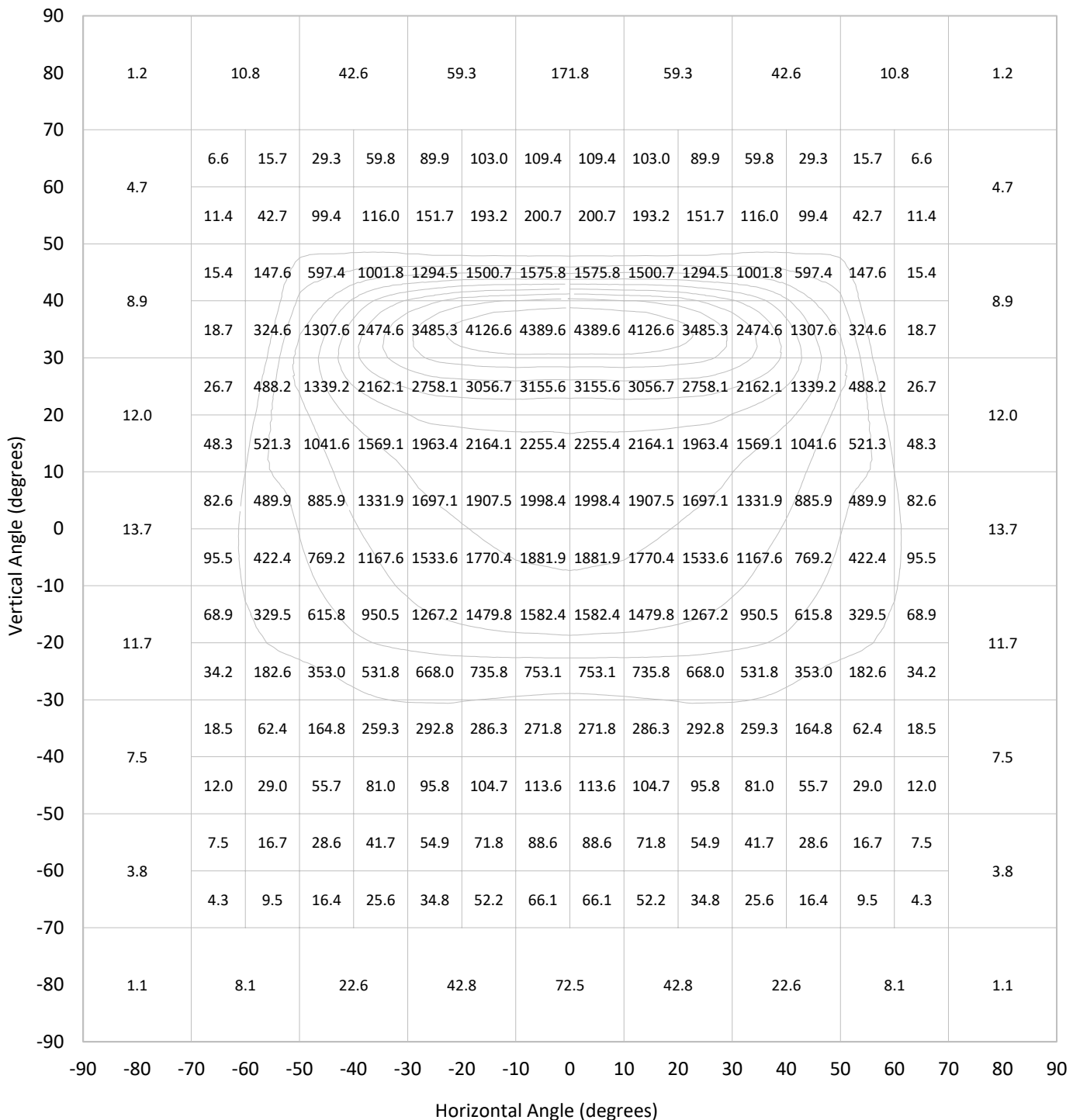
Iso-Candela Plot





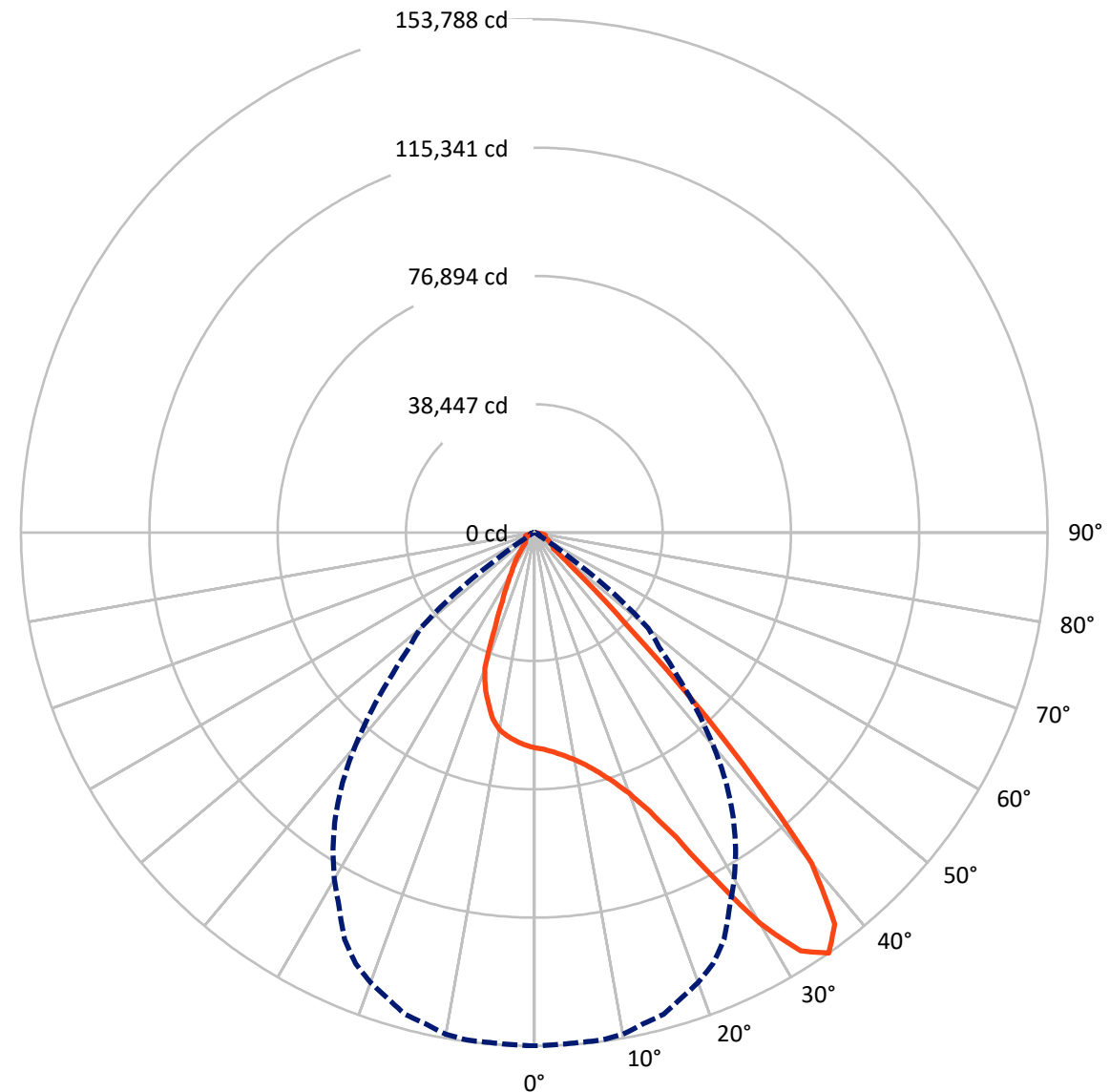
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Lumen Table



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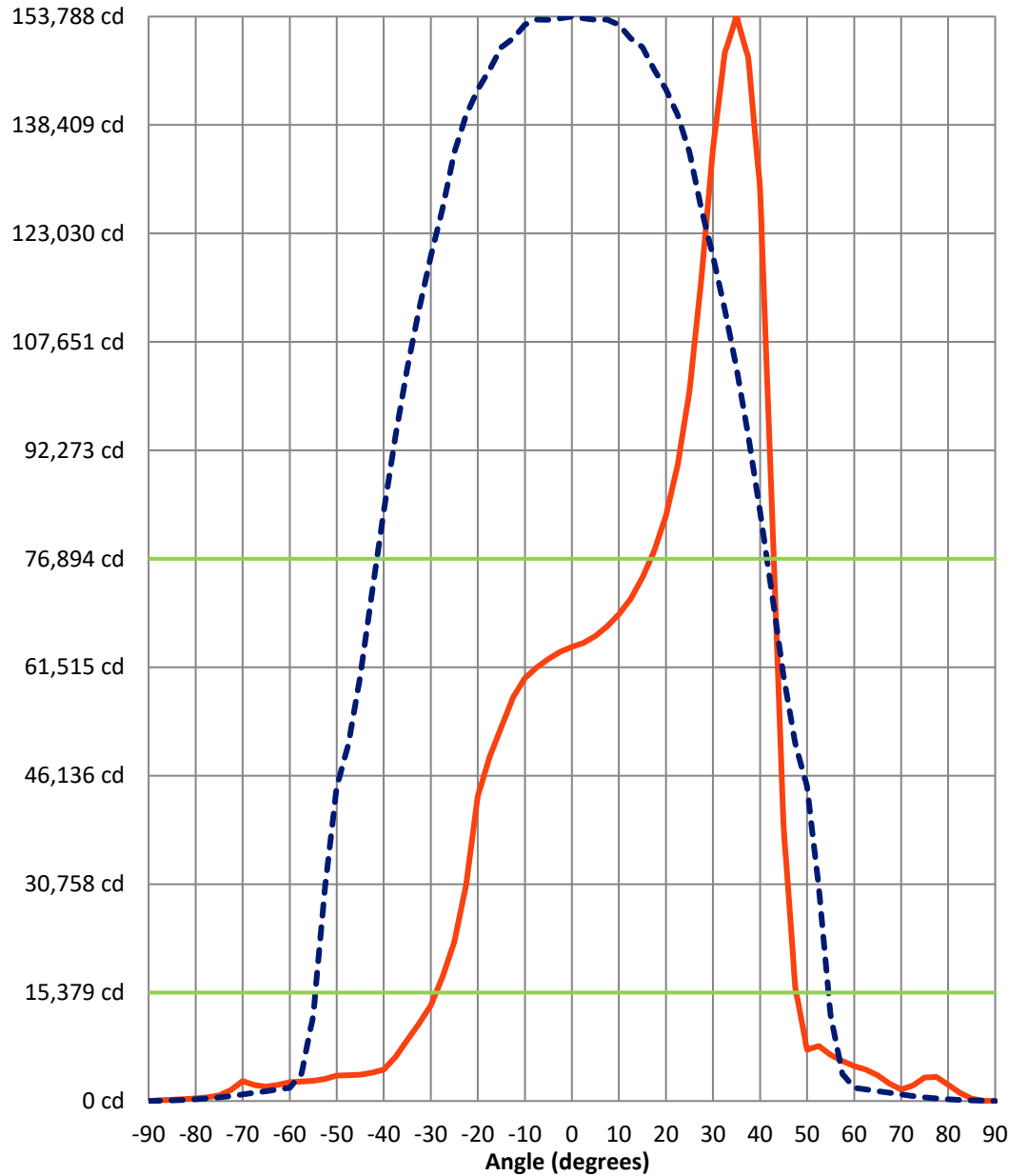
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 35-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 82.9°
 V Angle: 26.2°
 Lumens: 58562.7
 Efficiency: 39.4%

Field:
 H Angle: 109.1°
 V Angle: 76.6°
 Lumens: 138123.8
 Efficiency: 92.9%

Spill:
 Lumens: 10607.1
 Efficiency: 7.1%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 35-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	2.8	5.6	8.3	11.1	13.8	14.7	14.3	16.2	18.2	20.1
85°	0.0	5.6	11.3	16.7	22.1	27.6	29.4	28.7	32.5	36.3	41.1
82.5°	0.0	8.4	16.8	24.9	33.1	41.3	44.1	45.8	54.6	62.7	71.0
80°	0.0	11.2	22.4	33.2	44.1	54.4	60.8	67.9	79.7	89.9	104.5
77.5°	0.0	14.0	27.9	41.4	54.5	66.3	77.3	89.7	107.8	129.7	153.2
75°	0.0	16.7	33.4	49.5	64.2	78.0	93.4	116.8	143.2	171.9	206.5
72.5°	0.0	19.4	38.8	56.6	73.7	89.7	114.8	146.4	178.2	222.7	272.7
70°	0.0	22.1	44.2	63.4	83.0	104.6	137.7	175.1	222.3	276.4	340.7
67.5°	0.0	24.7	49.4	69.9	92.2	122.6	159.9	210.8	267.0	332.7	413.4
65°	0.0	27.3	53.9	76.2	103.5	140.1	185.6	246.4	315.3	392.9	492.3
62.5°	0.0	29.8	57.7	82.3	116.5	157.0	215.2	280.6	369.5	455.8	589.8
60°	0.0	32.3	61.4	88.2	129.2	176.1	244.2	322.5	422.4	534.7	682.0
57.5°	0.0	34.7	65.1	94.0	141.6	197.8	272.4	362.7	478.6	609.3	778.8
55°	0.0	37.1	68.7	102.5	153.6	218.2	302.4	400.7	533.8	690.2	874.8
52.5°	0.0	39.3	72.1	110.6	166.1	237.3	329.8	442.4	585.9	765.7	963.8
50°	0.0	41.5	75.5	118.3	181.7	256.8	355.4	480.6	645.1	833.3	1044.7
47.5°	0.0	43.7	78.8	125.6	196.3	278.3	380.2	514.1	700.0	898.5	1111.8
45°	0.0	45.7	81.9	132.6	209.7	298.9	410.2	550.5	749.8	959.2	1175.5
42.5°	0.0	47.6	84.9	139.0	222.4	318.6	439.6	595.9	800.8	1015.2	1236.2
40°	0.0	49.5	87.8	145.5	234.3	337.2	468.0	637.0	850.3	1067.9	1289.2
37.5°	0.0	51.3	90.6	151.8	245.3	354.7	493.3	672.9	897.9	1125.3	1340.5
35°	0.0	52.6	94.2	159.5	256.1	371.4	516.9	707.7	942.1	1180.2	1396.3
32.5°	0.0	53.9	98.0	167.2	265.9	386.4	537.2	737.9	985.2	1230.0	1471.0
30°	0.0	55.0	101.4	174.3	274.4	400.1	553.1	761.2	1025.7	1278.5	1546.6
27.5°	0.0	56.0	104.6	180.7	282.8	412.3	569.7	779.9	1059.1	1329.3	1620.4
25°	0.0	57.0	107.5	186.5	290.5	423.2	586.1	793.8	1086.9	1385.9	1671.7
22.5°	0.0	57.9	110.2	191.6	297.2	433.5	601.1	822.0	1116.4	1431.6	1722.6
20°	0.0	58.6	112.6	196.1	303.2	444.5	616.6	853.7	1152.0	1470.0	1768.2
17.5°	0.0	59.3	114.7	200.4	308.2	454.0	635.7	881.7	1191.7	1507.3	1815.7
15°	0.0	60.0	116.5	204.2	312.3	462.8	653.6	908.7	1227.2	1547.7	1959.4
12.5°	0.0	60.5	118.1	207.5	316.7	470.9	669.3	936.2	1270.0	1583.2	2281.2
10°	0.0	60.9	119.4	210.2	320.7	478.3	682.4	960.4	1319.3	1674.6	2665.5
7.5°	0.0	61.2	120.4	212.3	323.7	484.4	689.6	978.6	1365.6	1786.4	3159.1
5°	0.0	61.5	121.1	213.8	325.9	488.6	692.4	982.0	1407.1	1906.7	3647.4
2.5°	0.0	61.6	121.6	214.7	327.3	490.9	692.2	980.9	1444.0	2028.4	4099.6
0°	0.0	61.7	121.7	215.1	327.7	491.5	689.2	975.4	1474.4	2135.3	4494.8
-2.5°	0.0	61.6	121.5	214.4	327.3	486.8	683.2	973.0	1489.8	2186.1	4578.2
-5°	0.0	61.5	121.1	213.1	325.9	480.6	674.5	966.0	1495.5	2218.8	4562.1
-7.5°	0.0	61.2	120.3	211.2	323.7	472.7	663.0	953.9	1487.4	2217.5	4307.7
-10°	0.0	60.9	119.3	208.8	320.5	463.3	650.1	938.4	1459.4	2195.0	3937.0
-12.5°	0.0	60.5	118.0	205.8	316.4	453.4	638.6	918.6	1421.1	2167.7	3455.6
-15°	0.0	60.0	116.4	202.2	310.8	443.1	624.2	894.4	1369.1	2108.4	2915.6
-17.5°	0.0	59.4	114.6	198.1	303.0	432.0	606.9	864.4	1304.0	2027.5	2640.7
-20°	0.0	58.7	112.5	193.1	294.0	420.3	586.1	829.1	1230.2	1884.9	2466.2



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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	57.9	110.2	186.6	283.9	407.4	565.4	789.4	1139.1	1705.1	2288.0
-25°	0.0	57.0	107.5	179.7	272.7	392.2	544.2	752.4	1038.2	1519.8	2093.1
-27.5°	0.0	56.0	104.7	172.5	260.3	375.0	520.9	716.8	970.1	1372.0	1899.5
-30°	0.0	55.0	101.6	165.1	246.7	355.9	495.8	679.5	910.5	1261.2	1701.4
-32.5°	0.0	53.9	98.1	157.5	232.7	335.0	470.1	640.6	853.1	1150.4	1518.9
-35°	0.0	52.7	94.5	149.6	218.2	312.3	442.3	600.3	793.1	1038.5	1346.6
-37.5°	0.0	51.3	91.0	142.2	204.8	291.0	414.2	561.2	737.1	950.1	1216.5
-40°	0.0	49.5	88.3	136.0	194.0	274.2	386.7	524.8	685.9	876.7	1110.0
-42.5°	0.0	47.6	85.4	129.8	182.9	257.2	358.7	486.7	632.3	804.6	1013.5
-45°	0.0	45.7	82.3	123.5	171.5	239.9	331.5	446.9	576.5	734.4	918.2
-47.5°	0.0	43.7	79.2	117.0	159.9	222.4	304.2	409.8	528.7	667.9	821.1
-50°	0.0	41.5	75.9	110.4	149.3	204.8	283.0	376.2	479.0	597.0	726.1
-52.5°	0.0	39.3	72.5	103.7	139.0	192.3	261.0	341.4	428.1	532.5	641.9
-55°	0.0	37.1	69.0	96.8	130.9	179.4	237.1	306.3	390.0	473.4	557.8
-57.5°	0.0	34.7	65.4	89.9	123.0	165.8	211.8	277.9	352.7	416.5	495.0
-60°	0.0	32.3	61.7	84.3	114.7	151.7	194.6	249.5	316.1	368.7	433.6
-62.5°	0.0	29.8	58.0	78.9	106.1	138.4	176.4	219.7	275.9	319.4	379.0
-65°	0.0	27.3	54.1	73.4	97.2	125.7	157.4	195.6	236.4	278.4	325.4
-67.5°	0.0	24.7	49.7	67.9	88.7	112.3	139.0	171.0	203.7	238.7	277.8
-70°	0.0	22.1	44.4	62.4	80.8	98.5	121.5	146.4	174.9	203.0	231.7
-72.5°	0.0	19.4	39.0	56.8	72.5	85.0	103.5	125.1	146.4	170.8	192.7
-75°	0.0	16.7	33.6	50.7	63.9	71.7	85.8	103.4	121.8	139.9	157.2
-77.5°	0.0	14.0	28.1	42.4	55.0	58.1	69.9	82.9	96.9	112.0	126.5
-80°	0.0	11.2	22.5	34.0	44.7	44.3	54.0	64.4	74.7	84.8	97.7
-82.5°	0.0	8.4	16.9	25.6	33.6	32.4	38.2	45.7	53.5	61.1	72.8
-85°	0.0	5.6	11.3	17.1	22.4	21.5	25.5	29.7	33.7	37.7	48.8
-87.5°	0.0	2.8	5.7	8.5	11.2	10.7	12.8	14.8	16.9	18.9	24.5
-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):

	-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°	21.9	23.7	25.5	27.2	28.9	27.0	28.3	29.6	30.9	32.7	33.9
85°	47.0	52.7	58.3	63.7	68.9	66.9	71.1	74.1	76.8	77.0	80.5
82.5°	80.7	89.6	98.2	109.8	121.0	124.4	134.4	146.6	159.4	157.0	163.5
80°	122.8	139.1	155.0	170.4	186.4	201.8	220.9	249.5	284.0	287.4	302.1
77.5°	173.0	195.0	221.4	247.3	272.5	299.0	332.6	380.2	451.3	504.9	568.8
75°	237.9	265.9	296.7	339.5	381.3	430.8	472.0	539.0	666.7	788.6	921.7
72.5°	308.4	350.3	399.6	449.7	501.7	564.5	624.1	723.2	901.5	1092.7	1281.3
70°	396.7	446.2	500.0	561.0	624.2	711.1	810.8	930.9	1108.2	1348.9	1613.5
67.5°	486.9	546.6	595.3	678.2	754.8	868.5	990.5	1111.6	1261.0	1510.2	1870.3
65°	595.3	660.1	735.6	805.9	944.4	1057.3	1167.5	1280.4	1401.7	1610.5	1960.0
62.5°	707.7	811.7	916.5	1063.9	1218.0	1347.5	1405.2	1500.9	1609.1	1781.2	1975.3
60°	824.5	961.0	1134.7	1381.7	1618.6	1822.4	1876.6	1912.6	2037.8	2145.0	2212.0
57.5°	936.2	1101.9	1350.8	1736.5	2164.5	2501.3	2593.8	2595.2	2720.9	2805.1	2841.4
55°	1041.2	1225.5	1520.0	2088.3	2809.8	3402.3	3870.5	3732.9	3849.9	3829.1	3893.0
52.5°	1138.6	1333.3	1693.4	2434.9	3613.5	5809.5	6350.6	6080.9	5883.4	5694.0	5753.5
50°	1228.4	1451.6	1851.7	2838.8	6292.9	9915.3	10760.0	10306.7	9758.9	9787.5	9868.5
47.5°	1310.9	1549.6	2031.8	4003.0	9344.4	15170.0	17449.4	17500.8	17677.6	18882.7	19315.0
45°	1385.5	1643.7	2294.6	4939.2	12820.3	21650.0	25353.0	26432.7	29323.8	32843.6	35457.6
42.5°	1449.0	1730.7	2569.4	6698.5	16752.7	28020.6	32961.9	36161.8	41879.4	48599.4	54775.1
40°	1520.0	1776.5	2824.0	7919.7	20208.3	33552.5	39862.8	45404.9	54145.2	64068.1	73128.9
37.5°	1587.3	1766.0	3525.0	10415.0	24933.7	38973.4	45700.5	53070.3	64130.0	75235.9	85728.2
35°	1645.2	1882.4	3887.4	12163.8	30230.1	44531.7	50681.7	60281.5	72089.1	83618.2	94341.6
32.5°	1679.4	2274.9	5628.7	16842.7	35504.8	48176.1	55024.6	65376.3	77458.0	88777.0	98932.2
30°	1732.2	2623.5	6711.6	20712.3	40566.4	50477.1	57292.2	67645.0	78681.1	88642.8	97032.6
27.5°	1877.3	3320.4	9438.6	24779.0	42077.7	49927.9	56581.5	66227.0	75705.4	83944.8	90575.4
25°	2174.5	4423.6	12412.1	28888.7	42385.2	47367.6	53996.9	62449.8	70299.0	76791.8	81740.8
22.5°	2459.9	5397.9	15311.2	32182.7	42037.9	44717.4	50810.5	58027.0	64529.8	70004.5	74336.7
20°	2743.4	6494.3	18451.2	33282.1	39702.6	42490.4	47848.8	54107.2	59888.1	64614.1	68368.2
17.5°	3278.2	8903.1	21772.5	33909.7	37384.0	40118.2	45184.0	50737.5	55866.8	60038.9	63541.0
15°	4163.0	11256.2	24463.8	33990.4	35017.3	38043.6	42930.5	47991.4	52734.5	56605.0	59815.1
12.5°	5195.9	13377.5	26561.0	33295.9	33308.8	36357.8	41066.2	45755.4	50315.8	53979.3	56967.5
10°	6229.5	15330.9	27932.6	31547.2	31919.2	35100.3	39567.4	43934.8	48295.4	51832.6	54805.7
7.5°	7469.5	17033.4	27893.5	30038.2	30877.2	34056.9	38331.8	42464.2	46547.2	49966.1	52934.8
5°	8682.0	18469.4	27269.5	28760.4	29940.7	33100.8	37106.2	40989.9	44917.8	48222.0	51153.8
2.5°	9792.4	19419.0	26308.4	27529.3	29044.9	32139.7	35907.7	39635.8	43405.5	46621.6	49487.3
0°	10765.1	20013.0	25130.4	26269.2	28121.3	31199.9	34781.4	38303.6	41907.8	44961.3	47810.1
-2.5°	11100.0	19776.4	23782.5	24990.8	27155.5	30314.7	33742.4	37037.8	40467.4	43352.7	46072.4
-5°	11204.5	19258.3	22475.5	23706.2	26024.8	29213.1	32544.8	35670.9	38927.6	41788.7	44464.3
-7.5°	10683.0	18320.4	21231.2	22396.1	24748.2	27892.4	31230.9	34221.0	37344.5	40182.5	42876.7
-10°	9936.8	17091.9	20043.2	21083.8	23352.0	26393.1	29687.8	32686.0	35677.3	38423.9	41009.0
-12.5°	8764.2	15588.0	18793.3	19766.7	21881.7	24733.1	27857.2	30783.6	33654.6	36389.2	38779.7
-15°	7479.9	13864.3	17586.8	18684.6	20445.0	22864.2	25880.9	28603.5	31329.6	33850.4	36053.5
-17.5°	6018.4	11977.2	16153.6	17889.3	19143.1	21224.5	23924.2	26678.5	29133.1	31579.7	33592.0
-20°	4896.4	9541.1	14274.0	16247.3	17444.6	18875.9	21258.0	23484.3	26112.7	28332.7	30062.5



REPORT NUMBER: P902052 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-MB-LT

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	3876.8	7246.2	11169.3	13768.3	14853.9	15769.3	17086.5	18964.2	20574.5	22280.2	23807.0
-25°	3008.0	5271.2	7947.1	10673.4	12236.6	13118.2	14081.3	15254.7	16539.2	17908.2	18958.9
-27.5°	2383.5	3718.4	5634.1	7837.4	9902.6	11318.7	12311.6	13361.7	14480.1	15587.4	16520.3
-30°	2104.6	2909.8	3944.0	5582.7	7528.9	9391.2	10673.8	11789.6	12795.0	13745.2	14552.1
-32.5°	1898.5	2426.6	3108.2	4055.2	5339.1	6947.8	8501.2	9889.0	11056.3	11855.5	12516.1
-35°	1682.5	2056.5	2461.9	2987.9	3789.7	4906.5	6263.9	7625.4	8805.0	9687.7	10314.4
-37.5°	1495.7	1800.2	2125.1	2500.6	2999.0	3697.3	4509.6	5371.5	6336.2	7208.4	7769.0
-40°	1341.3	1580.9	1835.1	2110.4	2459.0	2902.1	3407.8	3922.8	4356.1	4794.4	5300.3
-42.5°	1200.7	1398.8	1607.1	1834.7	2110.7	2410.8	2696.7	3001.2	3242.2	3451.8	3649.1
-45°	1090.8	1252.6	1404.9	1592.7	1823.5	2057.5	2269.6	2450.1	2590.7	2718.3	2794.5
-47.5°	977.3	1113.0	1239.1	1392.9	1577.4	1756.8	1938.9	2105.7	2232.2	2321.6	2406.2
-50°	864.2	983.6	1095.7	1213.4	1366.3	1509.9	1659.8	1803.0	1939.9	2023.4	2107.7
-52.5°	753.0	859.2	965.3	1074.5	1181.1	1301.8	1408.9	1518.1	1628.0	1714.0	1785.8
-55°	658.8	752.8	842.5	939.6	1021.6	1116.9	1196.6	1265.3	1365.5	1451.3	1531.1
-57.5°	574.7	657.3	737.8	808.3	893.6	980.8	1039.2	1104.0	1184.1	1279.8	1366.3
-60°	503.8	572.8	643.3	716.4	791.1	869.9	932.5	996.9	1066.6	1147.7	1234.8
-62.5°	438.8	497.4	560.7	628.4	693.0	760.4	824.7	889.1	957.3	1018.5	1098.4
-65°	378.2	428.7	483.7	540.4	592.2	645.2	695.4	761.6	821.2	875.4	949.9
-67.5°	319.1	362.7	404.7	448.6	492.8	536.0	577.7	626.5	681.2	733.0	804.6
-70°	264.8	295.0	326.6	364.0	399.7	444.1	478.9	509.8	555.9	598.3	644.1
-72.5°	210.1	236.7	261.2	288.4	325.8	360.6	391.1	414.9	445.7	475.4	505.3
-75°	173.1	188.7	205.3	228.5	256.5	277.7	295.3	320.8	340.9	362.7	389.2
-77.5°	138.1	150.8	165.0	178.9	193.3	205.9	223.0	240.0	250.3	260.2	282.5
-80°	109.4	119.0	128.2	137.2	146.3	156.8	166.8	176.5	184.9	202.0	214.0
-82.5°	82.7	89.2	95.2	102.0	108.5	114.8	120.9	126.8	132.4	146.2	152.0
-85°	58.1	62.4	66.4	70.3	74.1	77.7	81.3	84.7	87.9	102.2	105.2
-87.5°	29.8	32.3	34.7	37.1	39.3	41.5	43.7	45.7	47.6	65.3	67.8
-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: P902052 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-MB-LT

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°	35.4	37.1	38.4	37.9	29.5	30.7	31.6	32.9	32.8	32.7	33.7
85°	86.3	85.7	89.2	92.7	94.3	97.7	100.8	111.7	116.3	136.2	184.0
82.5°	171.9	176.9	179.8	187.5	193.8	194.7	205.5	228.3	264.1	359.7	548.6
80°	316.1	333.8	343.6	351.3	337.8	332.2	343.4	360.8	419.4	648.8	1131.3
77.5°	594.1	593.3	561.8	531.5	499.9	490.5	484.9	496.6	547.8	825.8	1466.2
75°	1021.3	989.6	838.2	727.9	685.8	675.0	669.4	691.3	735.5	888.2	1331.3
72.5°	1518.9	1595.5	1369.9	1129.6	1018.1	987.7	994.1	1024.7	1081.7	1167.3	1319.7
70°	1966.2	2261.0	2145.7	1821.2	1585.2	1509.9	1513.2	1579.3	1687.4	1799.1	1881.6
67.5°	2305.8	2784.4	2971.9	2775.9	2464.3	2326.2	2347.7	2486.5	2681.9	2849.3	2908.4
65°	2434.3	2996.6	3489.2	3662.1	3420.7	3281.0	3278.5	3420.5	3640.3	3827.8	3927.7
62.5°	2389.3	2981.8	3564.5	3961.7	4129.2	4117.6	4121.8	4216.6	4372.7	4491.8	4568.6
60°	2407.9	2950.7	3530.8	4068.6	4494.9	4744.1	4889.3	4971.6	5094.3	5156.2	5158.1
57.5°	2909.3	3269.3	3650.7	4159.7	4655.1	5101.8	5447.3	5656.7	5831.6	5937.9	5945.3
55°	3938.2	4139.5	4396.9	4646.4	5010.3	5490.6	5993.3	6367.9	6596.3	6672.4	6780.9
52.5°	5403.1	5511.4	5527.8	5715.2	6005.6	6410.7	6759.8	7226.1	7627.5	7740.3	7792.0
50°	9191.5	9174.1	8248.7	8322.8	7725.8	7956.5	7983.8	7762.0	8226.4	8146.7	7882.7
47.5°	19651.8	19619.9	18354.1	18260.9	16834.0	17035.1	17111.6	15948.4	16373.5	16216.7	16068.9
45°	37659.6	38889.5	39277.0	40287.6	40449.5	41631.5	43039.4	42930.8	42507.4	43053.7	43535.3
42.5°	60025.9	64134.5	67630.1	70242.5	72635.2	75874.0	77849.5	79564.5	81956.8	81756.4	81701.2
40°	81073.6	88230.1	93903.2	98979.1	105211.2	109949.7	116515.4	117581.8	121277.3	123006.7	123556.0
37.5°	95250.0	103480.3	110671.0	117480.6	124540.3	130921.3	135817.3	138362.9	141951.9	143237.9	144524.6
35°	103924.1	112246.9	119784.3	126575.1	134510.2	139800.8	143447.0	146253.1	149423.1	150692.2	152616.9
32.5°	107314.6	114814.8	121514.3	127742.4	134533.4	138248.6	140674.1	143314.7	145621.3	146956.8	148349.9
30°	104169.3	110622.5	116327.8	121534.5	126679.1	128862.2	130325.7	132525.2	133720.6	134748.2	135161.5
27.5°	96175.9	101337.1	105643.2	109395.2	112779.0	113810.8	114733.1	115779.5	116704.5	116464.4	117268.4
25°	86099.7	90049.5	92997.4	96470.6	98916.1	99412.5	100106.5	100886.9	101425.5	101385.8	101673.9
22.5°	78051.5	81084.8	83702.3	86811.2	88787.1	89175.7	89787.2	90375.9	90749.7	90845.9	90995.8
20°	71588.8	74059.7	76440.4	79463.4	81047.5	81273.4	81887.0	82417.7	82797.0	83052.4	83113.9
17.5°	66365.1	68659.5	71024.2	73854.8	75111.1	75577.5	76152.1	76726.3	77079.2	77342.7	77515.2
15°	62366.0	64597.6	67077.6	69633.1	70754.3	71426.3	72037.6	72490.9	72828.0	73152.9	73413.8
12.5°	59368.2	61533.3	64034.6	66575.3	67539.9	68339.7	68904.2	69308.7	69665.2	69970.6	70509.9
10°	57166.6	59244.9	61676.3	64147.3	65322.4	66274.1	66753.1	67098.1	67422.5	67910.5	68328.7
7.5°	55258.6	57284.0	59744.3	62205.8	63393.2	64373.0	65123.2	65571.7	65998.5	66405.3	66717.7
5°	53461.0	55442.1	57937.5	60444.1	61755.0	62857.0	63778.8	64485.6	64906.1	65250.6	65506.0
2.5°	51780.2	53756.9	56226.2	58783.0	60126.3	61309.0	62414.7	63248.9	63900.7	64358.0	64641.6
0°	50040.0	52078.7	54426.9	56975.4	58422.5	59705.8	60998.2	61958.4	62715.3	63400.0	63872.0
-2.5°	48448.4	50515.3	52947.6	55664.7	57213.4	58446.3	59744.4	60762.1	61592.9	62303.7	62811.4
-5°	46937.6	49131.2	51610.7	54514.8	56037.2	57166.4	58486.4	59581.2	60403.2	61150.3	61735.1
-7.5°	45354.8	47651.7	50129.1	52981.9	54793.2	55856.3	57195.9	58305.9	59191.6	59964.4	60611.4
-10°	43541.2	45881.2	48231.4	51046.5	53048.5	54257.2	55544.6	56657.1	57589.7	58370.2	59056.9
-12.5°	41185.8	43371.4	45560.4	48384.5	50427.1	51687.8	52861.6	53970.7	54846.3	55647.2	56339.8
-15°	38280.1	40268.4	42154.2	44505.6	46616.5	47838.4	49045.7	50026.0	50863.4	51534.3	52187.2
-17.5°	35533.7	37321.8	38915.3	40845.1	42941.3	43917.3	44986.4	45865.4	46651.2	47337.8	47649.8
-20°	31757.2	33501.8	34931.0	36361.0	38139.7	39268.9	40097.4	40774.7	41064.6	41550.4	42295.0



REPORT NUMBER: P902052 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-MB-LT

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	25005.0	26132.6	27040.3	27883.1	28913.3	29455.4	29648.2	29825.7	30404.5	30301.4	30507.4
-25°	19873.8	20699.6	21383.5	21854.9	22628.6	23099.5	23123.6	23159.1	23212.5	23060.8	22976.2
-27.5°	17263.8	17857.2	18240.4	18544.2	18970.4	19280.4	19111.1	18959.9	18800.0	18497.7	18310.9
-30°	15153.7	15560.4	15804.6	15866.1	15950.6	16110.3	15740.8	15422.3	15154.2	14830.6	14473.1
-32.5°	13026.8	13295.2	13458.4	13480.6	13320.0	13309.5	13001.5	12600.3	12320.1	11987.6	11774.1
-35°	10691.9	10908.9	10974.8	10891.2	10717.4	10567.7	10312.7	9964.4	9698.9	9412.3	9221.0
-37.5°	8076.4	8135.9	8156.9	8018.0	7749.5	7630.6	7414.5	7118.8	6866.8	6744.9	6652.2
-40°	5577.8	5633.2	5608.4	5564.7	5352.2	5236.5	5056.4	4996.4	4837.5	4810.5	4742.4
-42.5°	3869.0	3923.7	3944.5	3979.2	3833.0	3862.0	3826.4	3813.8	3794.8	3768.8	3849.4
-45°	2914.7	2992.2	3042.9	3160.7	3164.4	3176.0	3243.3	3317.1	3395.0	3452.9	3529.6
-47.5°	2487.3	2598.6	2681.3	2809.0	2894.0	2958.8	3058.8	3191.4	3203.3	3245.4	3296.4
-50°	2200.6	2271.7	2365.7	2468.0	2571.1	2620.7	2705.2	2768.7	2793.3	2895.9	3039.8
-52.5°	1832.0	1910.6	1985.0	2091.0	2163.4	2244.6	2310.7	2358.7	2442.4	2695.3	2898.2
-55°	1600.6	1696.9	1796.8	1878.5	1953.1	2022.2	2065.4	2132.6	2385.4	2608.9	2701.5
-57.5°	1460.4	1560.0	1650.3	1720.2	1788.4	1829.4	1870.8	2069.9	2369.9	2526.1	2725.3
-60°	1329.1	1425.3	1502.3	1569.8	1623.3	1647.0	1727.1	2087.7	2275.7	2510.2	2635.1
-62.5°	1187.3	1278.3	1340.2	1398.3	1433.7	1463.2	1618.2	1950.0	2118.8	2305.4	2339.9
-65°	1019.4	1118.4	1167.0	1190.0	1225.8	1297.8	1486.0	1706.0	1830.5	1932.4	1966.1
-67.5°	865.7	940.5	990.4	1006.0	1047.5	1136.4	1318.6	1431.1	1477.7	1546.0	1652.7
-70°	696.4	754.1	798.4	820.6	850.7	915.6	1042.6	1135.5	1196.9	1250.5	1311.6
-72.5°	542.1	585.8	622.1	653.7	681.7	708.2	756.3	824.1	899.7	940.1	990.2
-75°	414.9	443.4	468.7	496.9	517.2	532.3	550.9	589.1	639.9	660.7	689.2
-77.5°	302.9	320.5	337.2	355.5	372.7	384.3	393.6	413.5	432.0	442.6	465.7
-80°	225.9	236.0	244.2	255.5	272.9	280.7	286.6	295.8	311.0	317.0	321.0
-82.5°	162.6	171.6	176.9	183.5	195.5	204.3	208.5	211.8	216.5	223.1	226.3
-85°	112.2	118.1	121.0	123.6	130.9	143.2	147.0	148.8	155.3	167.2	170.1
-87.5°	69.0	70.1	71.4	72.6	76.9	83.2	84.5	85.4	89.8	102.1	104.4
-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: P902052 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-MB-LT

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°	33.1	36.8	38.4	39.2	38.4	36.8	33.1	33.7	32.7	32.8	32.9
85°	236.0	295.1	332.1	347.4	332.1	295.1	236.0	184.0	136.2	116.3	111.7
82.5°	789.9	989.6	1126.7	1162.3	1126.7	989.6	789.9	548.6	359.7	264.1	228.3
80°	1722.0	2170.1	2341.0	2311.8	2341.0	2170.1	1722.0	1131.3	648.8	419.4	360.8
77.5°	2214.2	2851.1	3321.4	3415.4	3321.4	2851.1	2214.2	1466.2	825.8	547.8	496.6
75°	2052.7	2813.3	3215.0	3335.5	3215.0	2813.3	2052.7	1331.3	888.2	735.5	691.3
72.5°	1605.4	1994.2	2172.0	2205.5	2172.0	1994.2	1605.4	1319.7	1167.3	1081.7	1024.7
70°	1878.4	1781.9	1665.9	1638.3	1665.9	1781.9	1878.4	1881.6	1799.1	1687.4	1579.3
67.5°	2837.6	2686.1	2547.4	2483.2	2547.4	2686.1	2837.6	2908.4	2849.3	2681.9	2486.5
65°	3902.4	3810.6	3707.8	3648.0	3707.8	3810.6	3902.4	3927.7	3827.8	3640.3	3420.5
62.5°	4583.6	4548.6	4486.1	4451.9	4486.1	4548.6	4583.6	4568.6	4491.8	4372.7	4216.6
60°	5128.5	5071.7	4991.4	4964.9	4991.4	5071.7	5128.5	5158.1	5156.2	5094.3	4971.6
57.5°	5881.6	5794.8	5704.8	5679.3	5704.8	5794.8	5881.6	5945.3	5937.9	5831.6	5656.7
55°	6749.5	6651.9	6581.1	6554.2	6581.1	6651.9	6749.5	6780.9	6672.4	6596.3	6367.9
52.5°	7747.9	7735.3	7763.1	7792.6	7763.1	7735.3	7747.9	7792.0	7740.3	7627.5	7226.1
50°	7599.1	7404.5	7306.0	7313.0	7306.0	7404.5	7599.1	7882.7	8146.7	8226.4	7762.0
47.5°	15892.2	16398.0	16278.9	16089.2	16278.9	16398.0	15892.2	16068.9	16216.7	16373.5	15948.4
45°	42636.3	41012.8	39797.4	39121.6	39797.4	41012.8	42636.3	43535.3	43053.7	42507.4	42930.8
42.5°	82478.3	83641.3	84676.9	84584.7	84676.9	83641.3	82478.3	81701.2	81756.4	81956.8	79564.5
40°	125098.1	127094.7	128583.9	129295.7	128583.9	127094.7	125098.1	123556.0	123006.7	121277.3	117581.8
37.5°	146208.2	147156.4	147533.4	147876.5	147533.4	147156.4	146208.2	144524.6	143237.9	141951.9	138362.9
35°	153353.3	153329.5	153535.7	153787.9	153535.7	153329.5	153353.3	152616.9	150692.2	149423.1	146253.1
32.5°	148339.0	148170.9	148306.5	148559.1	148306.5	148170.9	148339.0	148349.9	146956.8	145621.3	143314.7
30°	135188.8	134783.9	134829.3	135066.1	134829.3	134783.9	135188.8	135161.5	134748.2	133720.6	132525.2
27.5°	116791.2	115890.9	116008.0	116439.9	116008.0	115890.9	116791.2	117268.4	116464.4	116704.5	115779.5
25°	101102.9	100383.8	100268.8	100689.8	100268.8	100383.8	101102.9	101673.9	101385.8	101425.5	100886.9
22.5°	90803.3	90158.9	90048.9	90264.0	90048.9	90158.9	90803.3	90995.8	90845.9	90749.7	90375.9
20°	83118.6	82733.4	82816.9	83023.8	82816.9	82733.4	83118.6	83113.9	83052.4	82797.0	82417.7
17.5°	77653.2	77384.5	77577.5	78018.0	77577.5	77384.5	77653.2	77515.2	77342.7	77079.2	76726.3
15°	73630.3	73415.9	73647.1	74237.8	73647.1	73415.9	73630.3	73413.8	73152.9	72828.0	72490.9
12.5°	70674.7	70456.0	70759.2	71216.5	70759.2	70456.0	70674.7	70509.9	69970.6	69665.2	69308.7
10°	68499.5	68399.9	68708.6	69040.5	68708.6	68399.9	68499.5	68328.7	67910.5	67422.5	67098.1
7.5°	66841.8	66838.5	67073.2	67319.4	67073.2	66838.5	66841.8	66717.7	66405.3	65998.5	65571.7
5°	65631.7	65617.4	65781.3	65947.1	65781.3	65617.4	65631.7	65506.0	65250.6	64906.1	64485.6
2.5°	64707.8	64769.2	64876.8	64976.6	64876.8	64769.2	64707.8	64641.6	64358.0	63900.7	63248.9
0°	63964.7	64015.9	64198.4	64402.1	64198.4	64015.9	63964.7	63872.0	63400.0	62715.3	61958.4
-2.5°	63045.4	63203.2	63446.6	63699.6	63446.6	63203.2	63045.4	62811.4	62303.7	61592.9	60762.1
-5°	62023.8	62195.0	62404.9	62683.0	62404.9	62195.0	62023.8	61735.1	61150.3	60403.2	59581.2
-7.5°	60913.5	61056.8	61374.4	61473.7	61374.4	61056.8	60913.5	60611.4	59964.4	59191.6	58305.9
-10°	59371.2	59528.0	59874.1	59961.7	59874.1	59528.0	59371.2	59056.9	58370.2	57589.7	56657.1
-12.5°	56601.5	56857.9	57152.9	57247.4	57152.9	56857.9	56601.5	56339.8	55647.2	54846.3	53970.7
-15°	52430.0	52704.1	52970.4	53040.4	52970.4	52704.1	52430.0	52187.2	51534.3	50863.4	50026.0
-17.5°	48064.3	48195.5	48634.9	48788.5	48634.9	48195.5	48064.3	47649.8	47337.8	46651.2	45865.4
-20°	42053.2	42256.7	42897.6	43232.1	42897.6	42256.7	42053.2	42295.0	41550.4	41064.6	40774.7



REPORT NUMBER: P902052 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-MB-LT

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	30307.3	30754.0	30757.5	30653.8	30757.5	30754.0	30307.3	30507.4	30301.4	30404.5	29825.7
-25°	22737.3	22703.4	22614.3	22580.8	22614.3	22703.4	22737.3	22976.2	23060.8	23212.5	23159.1
-27.5°	18000.6	17744.2	17654.8	17620.5	17654.8	17744.2	18000.6	18310.9	18497.7	18800.0	18959.9
-30°	14261.3	13939.7	13739.2	13561.2	13739.2	13939.7	14261.3	14473.1	14830.6	15154.2	15422.3
-32.5°	11523.2	11295.1	11099.5	10990.1	11099.5	11295.1	11523.2	11774.1	11987.6	12320.1	12600.3
-35°	9044.8	8870.3	8760.7	8655.6	8760.7	8870.3	9044.8	9221.0	9412.3	9698.9	9964.4
-37.5°	6448.5	6315.3	6271.2	6252.7	6271.2	6315.3	6448.5	6652.2	6744.9	6866.8	7118.8
-40°	4618.0	4553.8	4508.4	4459.7	4508.4	4553.8	4618.0	4742.4	4810.5	4837.5	4996.4
-42.5°	3893.9	3917.3	4000.2	4018.3	4000.2	3917.3	3893.9	3849.4	3768.8	3794.8	3813.8
-45°	3553.4	3631.8	3709.2	3737.3	3709.2	3631.8	3553.4	3529.6	3452.9	3395.0	3317.1
-47.5°	3326.4	3383.4	3551.6	3666.2	3551.6	3383.4	3326.4	3296.4	3245.4	3203.3	3191.4
-50°	3269.8	3453.4	3561.9	3608.7	3561.9	3453.4	3269.8	3039.8	2895.9	2793.3	2768.7
-52.5°	3009.8	3087.9	3129.8	3136.6	3129.8	3087.9	3009.8	2898.2	2695.3	2442.4	2358.7
-55°	2804.0	2848.6	2874.2	2876.1	2874.2	2848.6	2804.0	2701.5	2608.9	2385.4	2132.6
-57.5°	2768.1	2776.2	2787.0	2771.7	2787.0	2776.2	2768.1	2725.3	2526.1	2369.9	2069.9
-60°	2652.4	2681.2	2701.4	2671.3	2701.4	2681.2	2652.4	2635.1	2510.2	2275.7	2087.7
-62.5°	2340.4	2382.9	2386.6	2295.1	2386.6	2382.9	2340.4	2339.9	2305.4	2118.8	1950.0
-65°	2017.6	2128.3	2151.4	2036.0	2151.4	2128.3	2017.6	1966.1	1932.4	1830.5	1706.0
-67.5°	1805.4	2003.4	2168.7	2275.9	2168.7	2003.4	1805.4	1652.7	1546.0	1477.7	1431.1
-70°	1484.8	1825.3	2331.7	2821.5	2331.7	1825.3	1484.8	1311.6	1250.5	1196.9	1135.5
-72.5°	1120.8	1809.4	2170.3	1570.4	2170.3	1809.4	1120.8	990.2	940.1	899.7	824.1
-75°	731.0	872.7	913.7	801.5	913.7	872.7	731.0	689.2	660.7	639.9	589.1
-77.5°	490.8	507.6	512.5	529.9	512.5	507.6	490.8	465.7	442.6	432.0	413.5
-80°	346.2	370.6	381.6	382.3	381.6	370.6	346.2	321.0	317.0	311.0	295.8
-82.5°	241.8	255.6	259.1	270.8	259.1	255.6	241.8	226.3	223.1	216.5	211.8
-85°	172.1	178.8	183.1	184.3	183.1	178.8	172.1	170.1	167.2	155.3	148.8
-87.5°	104.4	111.0	117.4	117.0	117.4	111.0	104.4	104.4	102.1	89.8	85.4
-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°	31.6	30.7	29.5	37.9	38.4	37.1	35.4	33.9	32.7	30.9	29.6
85°	100.8	97.7	94.3	92.7	89.2	85.7	86.3	80.5	77.0	76.8	74.1
82.5°	205.5	194.7	193.8	187.5	179.8	176.9	171.9	163.5	157.0	159.4	146.6
80°	343.4	332.2	337.8	351.3	343.6	333.8	316.1	302.1	287.4	284.0	249.5
77.5°	484.9	490.5	499.9	531.5	561.8	593.3	594.1	568.8	504.9	451.3	380.2
75°	669.4	675.0	685.8	727.9	838.2	989.6	1021.3	921.7	788.6	666.7	539.0
72.5°	994.1	987.7	1018.1	1129.6	1369.9	1595.5	1518.9	1281.3	1092.7	901.5	723.2
70°	1513.2	1509.9	1585.2	1821.2	2145.7	2261.0	1966.2	1613.5	1348.9	1108.2	930.9
67.5°	2347.7	2326.2	2464.3	2775.9	2971.9	2784.4	2305.8	1870.3	1510.2	1261.0	1111.6
65°	3278.5	3281.0	3420.7	3662.1	3489.2	2996.6	2434.3	1960.0	1610.5	1401.7	1280.4
62.5°	4121.8	4117.6	4129.2	3961.7	3564.5	2981.8	2389.3	1975.3	1781.2	1609.1	1500.9
60°	4889.3	4744.1	4494.9	4068.6	3530.8	2950.7	2407.9	2212.0	2145.0	2037.8	1912.6
57.5°	5447.3	5101.8	4655.1	4159.7	3650.7	3269.3	2909.3	2841.4	2805.1	2720.9	2595.2
55°	5993.3	5490.6	5010.3	4646.4	4396.9	4139.5	3938.2	3893.0	3829.1	3849.9	3732.9
52.5°	6759.8	6410.7	6005.6	5715.2	5527.8	5511.4	5403.1	5753.5	5694.0	5883.4	6080.9
50°	7983.8	7956.5	7725.8	8322.8	8248.7	9174.1	9191.5	9868.5	9787.5	9758.9	10306.7
47.5°	17111.6	17035.1	16834.0	18260.9	18354.1	19619.9	19651.8	19315.0	18882.7	17677.6	17500.8
45°	43039.4	41631.5	40449.5	40287.6	39277.0	38889.5	37659.6	35457.6	32843.6	29323.8	26432.7
42.5°	77849.5	75874.0	72635.2	70242.5	67630.1	64134.5	60025.9	54775.1	48599.4	41879.4	36161.8
40°	116515.4	109949.7	105211.2	98979.1	93903.2	88230.1	81073.6	73128.9	64068.1	54145.2	45404.9
37.5°	135817.3	130921.3	124540.3	117480.6	110671.0	103480.3	95250.0	85728.2	75235.9	64130.0	53070.3
35°	143447.0	139800.8	134510.2	126575.1	119784.3	112246.9	103924.1	94341.6	83618.2	72089.1	60281.5
32.5°	140674.1	138248.6	134533.4	127742.4	121514.3	114814.8	107314.6	98932.2	88777.0	77458.0	65376.3
30°	130325.7	128862.2	126679.1	121534.5	116327.8	110622.5	104169.3	97032.6	88642.8	78681.1	67645.0
27.5°	114733.1	113810.8	112779.0	109395.2	105643.2	101337.1	96175.9	90575.4	83944.8	75705.4	66227.0
25°	100106.5	99412.5	98916.1	96470.6	92997.4	90049.5	86099.7	81740.8	76791.8	70299.0	62449.8
22.5°	89787.2	89175.7	88787.1	86811.2	83702.3	81084.8	78051.5	74336.7	70004.5	64529.8	58027.0
20°	81887.0	81273.4	81047.5	79463.4	76440.4	74059.7	71588.8	68368.2	64614.1	59888.1	54107.2
17.5°	76152.1	75577.5	75111.1	73854.8	71024.2	68659.5	66365.1	63541.0	60038.9	55866.8	50737.5
15°	72037.6	71426.3	70754.3	69633.1	67077.6	64597.6	62366.0	59815.1	56605.0	52734.5	47991.4
12.5°	68904.2	68339.7	67539.9	66575.3	64034.6	61533.3	59368.2	56967.5	53979.3	50315.8	45755.4
10°	66753.1	66274.1	65322.4	64147.3	61676.3	59244.9	57166.6	54805.7	51832.6	48295.4	43934.8
7.5°	65123.2	64373.0	63393.2	62205.8	59744.3	57284.0	55258.6	52934.8	49966.1	46547.2	42464.2
5°	63778.8	62857.0	61755.0	60444.1	57937.5	55442.1	53461.0	51153.8	48222.0	44917.8	40989.9
2.5°	62414.7	61309.0	60126.3	58783.0	56226.2	53756.9	51780.2	49487.3	46621.6	43405.5	39635.8
0°	60998.2	59705.8	58422.5	56975.4	54426.9	52078.7	50040.0	47810.1	44961.3	41907.8	38303.6
-2.5°	59744.4	58446.3	57213.4	55664.7	52947.6	50515.3	48448.4	46072.4	43352.7	40467.4	37037.8
-5°	58486.4	57166.4	56037.2	54514.8	51610.7	49131.2	46937.6	44464.3	41788.7	38927.6	35670.9
-7.5°	57195.9	55856.3	54793.2	52981.9	50129.1	47651.7	45354.8	42876.7	40182.5	37344.5	34221.0
-10°	55544.6	54257.2	53048.5	51046.5	48231.4	45881.2	43541.2	41009.0	38423.9	35677.3	32686.0
-12.5°	52861.6	51687.8	50427.1	48384.5	45560.4	43371.4	41185.8	38779.7	36389.2	33654.6	30783.6
-15°	49045.7	47838.4	46616.5	44505.6	42154.2	40268.4	38280.1	36053.5	33850.4	31329.6	28603.5
-17.5°	44986.4	43917.3	42941.3	40845.1	38915.3	37321.8	35533.7	33592.0	31579.7	29133.1	26678.5
-20°	40097.4	39268.9	38139.7	36361.0	34931.0	33501.8	31757.2	30062.5	28332.7	26112.7	23484.3



REPORT NUMBER: P902052 (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°	29648.2	29455.4	28913.3	27883.1	27040.3	26132.6	25005.0	23807.0	22280.2	20574.5	18964.2
-25°	23123.6	23099.5	22628.6	21854.9	21383.5	20699.6	19873.8	18958.9	17908.2	16539.2	15254.7
-27.5°	19111.1	19280.4	18970.4	18544.2	18240.4	17857.2	17263.8	16520.3	15587.4	14480.1	13361.7
-30°	15740.8	16110.3	15950.6	15866.1	15804.6	15560.4	15153.7	14552.1	13745.2	12795.0	11789.6
-32.5°	13001.5	13309.5	13320.0	13480.6	13458.4	13295.2	13026.8	12516.1	11855.5	11056.3	9889.0
-35°	10312.7	10567.7	10717.4	10891.2	10974.8	10908.9	10691.9	10314.4	9687.7	8805.0	7625.4
-37.5°	7414.5	7630.6	7749.5	8018.0	8156.9	8135.9	8076.4	7769.0	7208.4	6336.2	5371.5
-40°	5056.4	5236.5	5352.2	5564.7	5608.4	5633.2	5577.8	5300.3	4794.4	4356.1	3922.8
-42.5°	3826.4	3862.0	3833.0	3979.2	3944.5	3923.7	3869.0	3649.1	3451.8	3242.2	3001.2
-45°	3243.3	3176.0	3164.4	3160.7	3042.9	2992.2	2914.7	2794.5	2718.3	2590.7	2450.1
-47.5°	3058.8	2958.8	2894.0	2809.0	2681.3	2598.6	2487.3	2406.2	2321.6	2232.2	2105.7
-50°	2705.2	2620.7	2571.1	2468.0	2365.7	2271.7	2200.6	2107.7	2023.4	1939.9	1803.0
-52.5°	2310.7	2244.6	2163.4	2091.0	1985.0	1910.6	1832.0	1785.8	1714.0	1628.0	1518.1
-55°	2065.4	2022.2	1953.1	1878.5	1796.8	1696.9	1600.6	1531.1	1451.3	1365.5	1265.3
-57.5°	1870.8	1829.4	1788.4	1720.2	1650.3	1560.0	1460.4	1366.3	1279.8	1184.1	1104.0
-60°	1727.1	1647.0	1623.3	1569.8	1502.3	1425.3	1329.1	1234.8	1147.7	1066.6	996.9
-62.5°	1618.2	1463.2	1433.7	1398.3	1340.2	1278.3	1187.3	1098.4	1018.5	957.3	889.1
-65°	1486.0	1297.8	1225.8	1190.0	1167.0	1118.4	1019.4	949.9	875.4	821.2	761.6
-67.5°	1318.6	1136.4	1047.5	1006.0	990.4	940.5	865.7	804.6	733.0	681.2	626.5
-70°	1042.6	915.6	850.7	820.6	798.4	754.1	696.4	644.1	598.3	555.9	509.8
-72.5°	756.3	708.2	681.7	653.7	622.1	585.8	542.1	505.3	475.4	445.7	414.9
-75°	550.9	532.3	517.2	496.9	468.7	443.4	414.9	389.2	362.7	340.9	320.8
-77.5°	393.6	384.3	372.7	355.5	337.2	320.5	302.9	282.5	260.2	250.3	240.0
-80°	286.6	280.7	272.9	255.5	244.2	236.0	225.9	214.0	202.0	184.9	176.5
-82.5°	208.5	204.3	195.5	183.5	176.9	171.6	162.6	152.0	146.2	132.4	126.8
-85°	147.0	143.2	130.9	123.6	121.0	118.1	112.2	105.2	102.2	87.9	84.7
-87.5°	84.5	83.2	76.9	72.6	71.4	70.1	69.0	67.8	65.3	47.6	45.7
-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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 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-MB-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°	28.3	27.0	28.9	27.2	25.5	23.7	21.9	20.1	18.2	16.2	14.3
85°	71.1	66.9	68.9	63.7	58.3	52.7	47.0	41.1	36.3	32.5	28.7
82.5°	134.4	124.4	121.0	109.8	98.2	89.6	80.7	71.0	62.7	54.6	45.8
80°	220.9	201.8	186.4	170.4	155.0	139.1	122.8	104.5	89.9	79.7	67.9
77.5°	332.6	299.0	272.5	247.3	221.4	195.0	173.0	153.2	129.7	107.8	89.7
75°	472.0	430.8	381.3	339.5	296.7	265.9	237.9	206.5	171.9	143.2	116.8
72.5°	624.1	564.5	501.7	449.7	399.6	350.3	308.4	272.7	222.7	178.2	146.4
70°	810.8	711.1	624.2	561.0	500.0	446.2	396.7	340.7	276.4	222.3	175.1
67.5°	990.5	868.5	754.8	678.2	595.3	546.6	486.9	413.4	332.7	267.0	210.8
65°	1167.5	1057.3	944.4	805.9	735.6	660.1	595.3	492.3	392.9	315.3	246.4
62.5°	1405.2	1347.5	1218.0	1063.9	916.5	811.7	707.7	589.8	455.8	369.5	280.6
60°	1876.6	1822.4	1618.6	1381.7	1134.7	961.0	824.5	682.0	534.7	422.4	322.5
57.5°	2593.8	2501.3	2164.5	1736.5	1350.8	1101.9	936.2	778.8	609.3	478.6	362.7
55°	3870.5	3402.3	2809.8	2088.3	1520.0	1225.5	1041.2	874.8	690.2	533.8	400.7
52.5°	6350.6	5809.5	3613.5	2434.9	1693.4	1333.3	1138.6	963.8	765.7	585.9	442.4
50°	10760.0	9915.3	6292.9	2838.8	1851.7	1451.6	1228.4	1044.7	833.3	645.1	480.6
47.5°	17449.4	15170.0	9344.4	4003.0	2031.8	1549.6	1310.9	1111.8	898.5	700.0	514.1
45°	25353.0	21650.0	12820.3	4939.2	2294.6	1643.7	1385.5	1175.5	959.2	749.8	550.5
42.5°	32961.9	28020.6	16752.7	6698.5	2569.4	1730.7	1449.0	1236.2	1015.2	800.8	595.9
40°	39862.8	33552.5	20208.3	7919.7	2824.0	1776.5	1520.0	1289.2	1067.9	850.3	637.0
37.5°	45700.5	38973.4	24933.7	10415.0	3525.0	1766.0	1587.3	1340.5	1125.3	897.9	672.9
35°	50681.7	44531.7	30230.1	12163.8	3887.4	1882.4	1645.2	1396.3	1180.2	942.1	707.7
32.5°	55024.6	48176.1	35504.8	16842.7	5628.7	2274.9	1679.4	1471.0	1230.0	985.2	737.9
30°	57292.2	50477.1	40566.4	20712.3	6711.6	2623.5	1732.2	1546.6	1278.5	1025.7	761.2
27.5°	56581.5	49927.9	42077.7	24779.0	9438.6	3320.4	1877.3	1620.4	1329.3	1059.1	779.9
25°	53996.9	47367.6	42385.2	28888.7	12412.1	4423.6	2174.5	1671.7	1385.9	1086.9	793.8
22.5°	50810.5	44717.4	42037.9	32182.7	15311.2	5397.9	2459.9	1722.6	1431.6	1116.4	822.0
20°	47848.8	42490.4	39702.6	33282.1	18451.2	6494.3	2743.4	1768.2	1470.0	1152.0	853.7
17.5°	45184.0	40118.2	37384.0	33909.7	21772.5	8903.1	3278.2	1815.7	1507.3	1191.7	881.7
15°	42930.5	38043.6	35017.3	33990.4	24463.8	11256.2	4163.0	1959.4	1547.7	1227.2	908.7
12.5°	41066.2	36357.8	33308.8	33295.9	26561.0	13377.5	5195.9	2281.2	1583.2	1270.0	936.2
10°	39567.4	35100.3	31919.2	31547.2	27932.6	15330.9	6229.5	2665.5	1674.6	1319.3	960.4
7.5°	38331.8	34056.9	30877.2	30038.2	27893.5	17033.4	7469.5	3159.1	1786.4	1365.6	978.6
5°	37106.2	33100.8	29940.7	28760.4	27269.5	18469.4	8682.0	3647.4	1906.7	1407.1	982.0
2.5°	35907.7	32139.7	29044.9	27529.3	26308.4	19419.0	9792.4	4099.6	2028.4	1444.0	980.9
0°	34781.4	31199.9	28121.3	26269.2	25130.4	20013.0	10765.1	4494.8	2135.3	1474.4	975.4
-2.5°	33742.4	30314.7	27155.5	24990.8	23782.5	19776.4	11100.0	4578.2	2186.1	1489.8	973.0
-5°	32544.8	29213.1	26024.8	23706.2	22475.5	19258.3	11204.5	4562.1	2218.8	1495.5	966.0
-7.5°	31230.9	27892.4	24748.2	22396.1	21231.2	18320.4	10683.0	4307.7	2217.5	1487.4	953.9
-10°	29687.8	26393.1	23352.0	21083.8	20043.2	17091.9	9936.8	3937.0	2195.0	1459.4	938.4
-12.5°	27857.2	24733.1	21881.7	19766.7	18793.3	15588.0	8764.2	3455.6	2167.7	1421.1	918.6
-15°	25880.9	22864.2	20445.0	18684.6	17586.8	13864.3	7479.9	2915.6	2108.4	1369.1	894.4
-17.5°	23924.2	21224.5	19143.1	17889.3	16153.6	11977.2	6018.4	2640.7	2027.5	1304.0	864.4
-20°	21258.0	18875.9	17444.6	16247.3	14274.0	9541.1	4896.4	2466.2	1884.9	1230.2	829.1



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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°	17086.5	15769.3	14853.9	13768.3	11169.3	7246.2	3876.8	2288.0	1705.1	1139.1	789.4
-25°	14081.3	13118.2	12236.6	10673.4	7947.1	5271.2	3008.0	2093.1	1519.8	1038.2	752.4
-27.5°	12311.6	11318.7	9902.6	7837.4	5634.1	3718.4	2383.5	1899.5	1372.0	970.1	716.8
-30°	10673.8	9391.2	7528.9	5582.7	3944.0	2909.8	2104.6	1701.4	1261.2	910.5	679.5
-32.5°	8501.2	6947.8	5339.1	4055.2	3108.2	2426.6	1898.5	1518.9	1150.4	853.1	640.6
-35°	6263.9	4906.5	3789.7	2987.9	2461.9	2056.5	1682.5	1346.6	1038.5	793.1	600.3
-37.5°	4509.6	3697.3	2999.0	2500.6	2125.1	1800.2	1495.7	1216.5	950.1	737.1	561.2
-40°	3407.8	2902.1	2459.0	2110.4	1835.1	1580.9	1341.3	1110.0	876.7	685.9	524.8
-42.5°	2696.7	2410.8	2110.7	1834.7	1607.1	1398.8	1200.7	1013.5	804.6	632.3	486.7
-45°	2269.6	2057.5	1823.5	1592.7	1404.9	1252.6	1090.8	918.2	734.4	576.5	446.9
-47.5°	1938.9	1756.8	1577.4	1392.9	1239.1	1113.0	977.3	821.1	667.9	528.7	409.8
-50°	1659.8	1509.9	1366.3	1213.4	1095.7	983.6	864.2	726.1	597.0	479.0	376.2
-52.5°	1408.9	1301.8	1181.1	1074.5	965.3	859.2	753.0	641.9	532.5	428.1	341.4
-55°	1196.6	1116.9	1021.6	939.6	842.5	752.8	658.8	557.8	473.4	390.0	306.3
-57.5°	1039.2	980.8	893.6	808.3	737.8	657.3	574.7	495.0	416.5	352.7	277.9
-60°	932.5	869.9	791.1	716.4	643.3	572.8	503.8	433.6	368.7	316.1	249.5
-62.5°	824.7	760.4	693.0	628.4	560.7	497.4	438.8	379.0	319.4	275.9	219.7
-65°	695.4	645.2	592.2	540.4	483.7	428.7	378.2	325.4	278.4	236.4	195.6
-67.5°	577.7	536.0	492.8	448.6	404.7	362.7	319.1	277.8	238.7	203.7	171.0
-70°	478.9	444.1	399.7	364.0	326.6	295.0	264.8	231.7	203.0	174.9	146.4
-72.5°	391.1	360.6	325.8	288.4	261.2	236.7	210.1	192.7	170.8	146.4	125.1
-75°	295.3	277.7	256.5	228.5	205.3	188.7	173.1	157.2	139.9	121.8	103.4
-77.5°	223.0	205.9	193.3	178.9	165.0	150.8	138.1	126.5	112.0	96.9	82.9
-80°	166.8	156.8	146.3	137.2	128.2	119.0	109.4	97.7	84.8	74.7	64.4
-82.5°	120.9	114.8	108.5	102.0	95.2	89.2	82.7	72.8	61.1	53.5	45.7
-85°	81.3	77.7	74.1	70.3	66.4	62.4	58.1	48.8	37.7	33.7	29.7
-87.5°	43.7	41.5	39.3	37.1	34.7	32.3	29.8	24.5	18.9	16.9	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°	14.7	13.8	11.1	8.3	5.6	2.8	0.0
85°	29.4	27.6	22.1	16.7	11.3	5.6	0.0
82.5°	44.1	41.3	33.1	24.9	16.8	8.4	0.0
80°	60.8	54.4	44.1	33.2	22.4	11.2	0.0
77.5°	77.3	66.3	54.5	41.4	27.9	14.0	0.0
75°	93.4	78.0	64.2	49.5	33.4	16.7	0.0
72.5°	114.8	89.7	73.7	56.6	38.8	19.4	0.0
70°	137.7	104.6	83.0	63.4	44.2	22.1	0.0
67.5°	159.9	122.6	92.2	69.9	49.4	24.7	0.0
65°	185.6	140.1	103.5	76.2	53.9	27.3	0.0
62.5°	215.2	157.0	116.5	82.3	57.7	29.8	0.0
60°	244.2	176.1	129.2	88.2	61.4	32.3	0.0
57.5°	272.4	197.8	141.6	94.0	65.1	34.7	0.0
55°	302.4	218.2	153.6	102.5	68.7	37.1	0.0
52.5°	329.8	237.3	166.1	110.6	72.1	39.3	0.0
50°	355.4	256.8	181.7	118.3	75.5	41.5	0.0
47.5°	380.2	278.3	196.3	125.6	78.8	43.7	0.0
45°	410.2	298.9	209.7	132.6	81.9	45.7	0.0
42.5°	439.6	318.6	222.4	139.0	84.9	47.6	0.0
40°	468.0	337.2	234.3	145.5	87.8	49.5	0.0
37.5°	493.3	354.7	245.3	151.8	90.6	51.3	0.0
35°	516.9	371.4	256.1	159.5	94.2	52.6	0.0
32.5°	537.2	386.4	265.9	167.2	98.0	53.9	0.0
30°	553.1	400.1	274.4	174.3	101.4	55.0	0.0
27.5°	569.7	412.3	282.8	180.7	104.6	56.0	0.0
25°	586.1	423.2	290.5	186.5	107.5	57.0	0.0
22.5°	601.1	433.5	297.2	191.6	110.2	57.9	0.0
20°	616.6	444.5	303.2	196.1	112.6	58.6	0.0
17.5°	635.7	454.0	308.2	200.4	114.7	59.3	0.0
15°	653.6	462.8	312.3	204.2	116.5	60.0	0.0
12.5°	669.3	470.9	316.7	207.5	118.1	60.5	0.0
10°	682.4	478.3	320.7	210.2	119.4	60.9	0.0
7.5°	689.6	484.4	323.7	212.3	120.4	61.2	0.0
5°	692.4	488.6	325.9	213.8	121.1	61.5	0.0
2.5°	692.2	490.9	327.3	214.7	121.6	61.6	0.0
0°	689.2	491.5	327.7	215.1	121.7	61.7	0.0
-2.5°	683.2	486.8	327.3	214.4	121.5	61.6	0.0
-5°	674.5	480.6	325.9	213.1	121.1	61.5	0.0
-7.5°	663.0	472.7	323.7	211.2	120.3	61.2	0.0
-10°	650.1	463.3	320.5	208.8	119.3	60.9	0.0
-12.5°	638.6	453.4	316.4	205.8	118.0	60.5	0.0
-15°	624.2	443.1	310.8	202.2	116.4	60.0	0.0
-17.5°	606.9	432.0	303.0	198.1	114.6	59.4	0.0
-20°	586.1	420.3	294.0	193.1	112.5	58.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	565.4	407.4	283.9	186.6	110.2	57.9	0.0
-25°	544.2	392.2	272.7	179.7	107.5	57.0	0.0
-27.5°	520.9	375.0	260.3	172.5	104.7	56.0	0.0
-30°	495.8	355.9	246.7	165.1	101.6	55.0	0.0
-32.5°	470.1	335.0	232.7	157.5	98.1	53.9	0.0
-35°	442.3	312.3	218.2	149.6	94.5	52.7	0.0
-37.5°	414.2	291.0	204.8	142.2	91.0	51.3	0.0
-40°	386.7	274.2	194.0	136.0	88.3	49.5	0.0
-42.5°	358.7	257.2	182.9	129.8	85.4	47.6	0.0
-45°	331.5	239.9	171.5	123.5	82.3	45.7	0.0
-47.5°	304.2	222.4	159.9	117.0	79.2	43.7	0.0
-50°	283.0	204.8	149.3	110.4	75.9	41.5	0.0
-52.5°	261.0	192.3	139.0	103.7	72.5	39.3	0.0
-55°	237.1	179.4	130.9	96.8	69.0	37.1	0.0
-57.5°	211.8	165.8	123.0	89.9	65.4	34.7	0.0
-60°	194.6	151.7	114.7	84.3	61.7	32.3	0.0
-62.5°	176.4	138.4	106.1	78.9	58.0	29.8	0.0
-65°	157.4	125.7	97.2	73.4	54.1	27.3	0.0
-67.5°	139.0	112.3	88.7	67.9	49.7	24.7	0.0
-70°	121.5	98.5	80.8	62.4	44.4	22.1	0.0
-72.5°	103.5	85.0	72.5	56.8	39.0	19.4	0.0
-75°	85.8	71.7	63.9	50.7	33.6	16.7	0.0
-77.5°	69.9	58.1	55.0	42.4	28.1	14.0	0.0
-80°	54.0	44.3	44.7	34.0	22.5	11.2	0.0
-82.5°	38.2	32.4	33.6	25.6	16.9	8.4	0.0
-85°	25.5	21.5	22.4	17.1	11.3	5.6	0.0
-87.5°	12.8	10.7	11.2	8.5	5.7	2.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)