

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: P902059 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 11/13/2024

Test Information

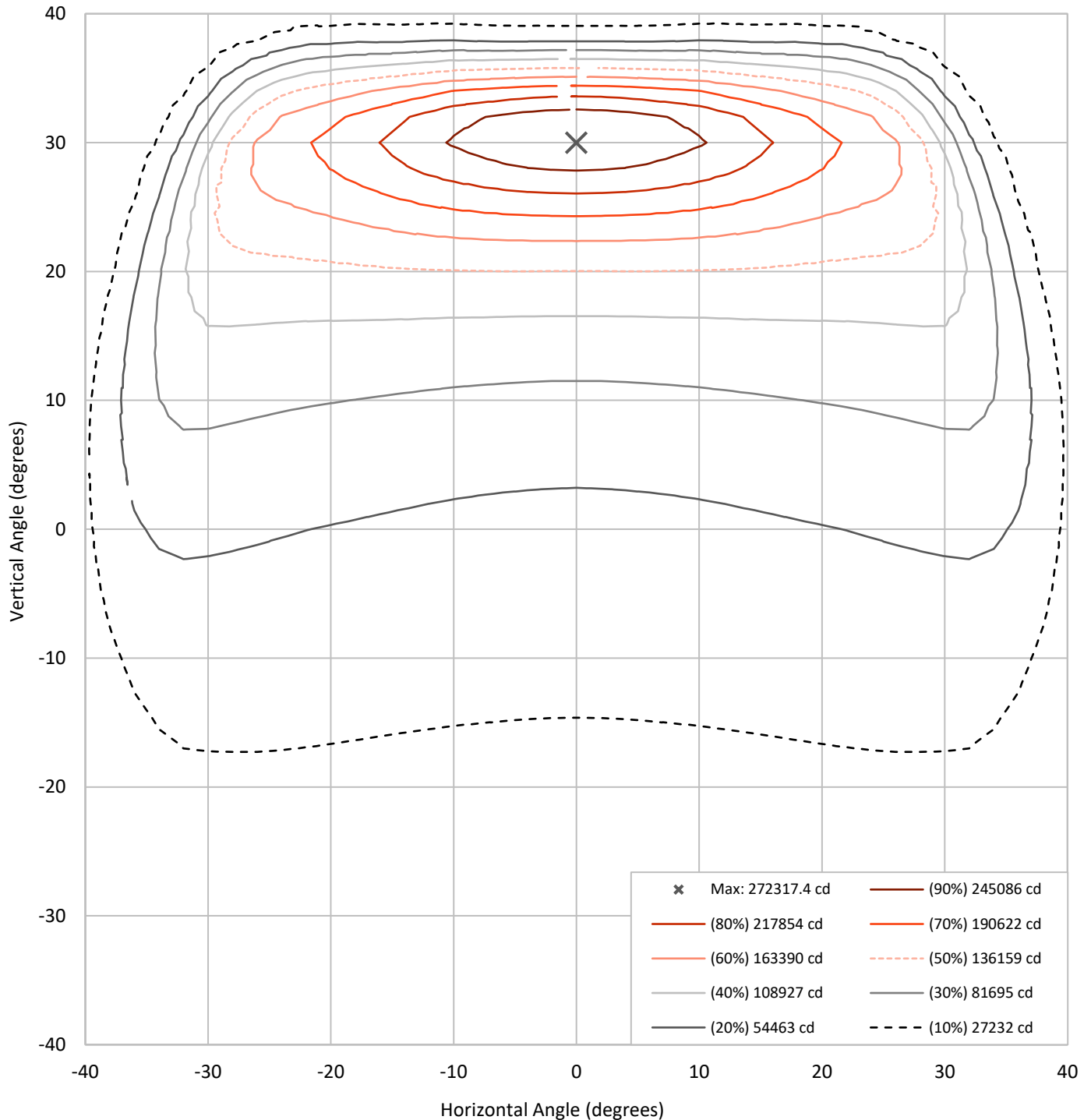
Test Method: LM-79-08
Report Number: P902059 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (LVM2047300)
Test Lab: INNOVATION CENTER
Issue Date: 11/13/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-AV-03-1360S-57-85-A35-NB-LO
Description: ARENAVISION LUMINAIRE
5700K, 85 CRI LEDS AND A35-NB-LO OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	112112 lumens	Max Intensity:	272317.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	79.3 lumens/watt		
Luminous Opening:	Rectangular (W 2m x L: 2m x H: 0m)		
Beam Angle (50%):	56.5°H x 15.8°V	Field Angle (10%):	68.4°H x 53.7°V
Beam Lumens:	45411.1 lumens	Field Lumens:	104653.2 lumens
Beam Efficiency:	40.5%	Field Efficiency:	93.3%
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		

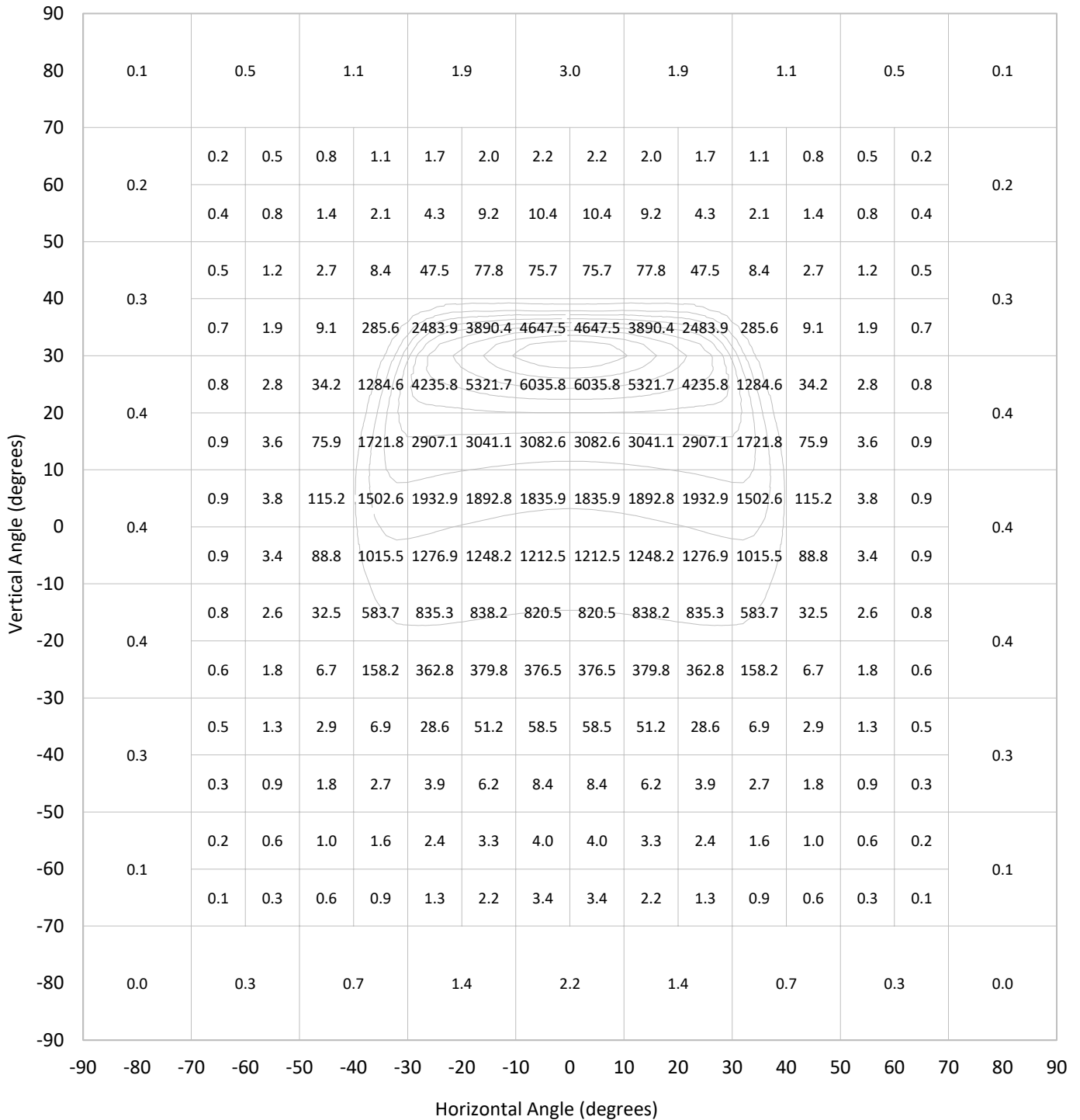
REPORT NUMBER: P902059 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NB-LO

Iso-Candela Plot



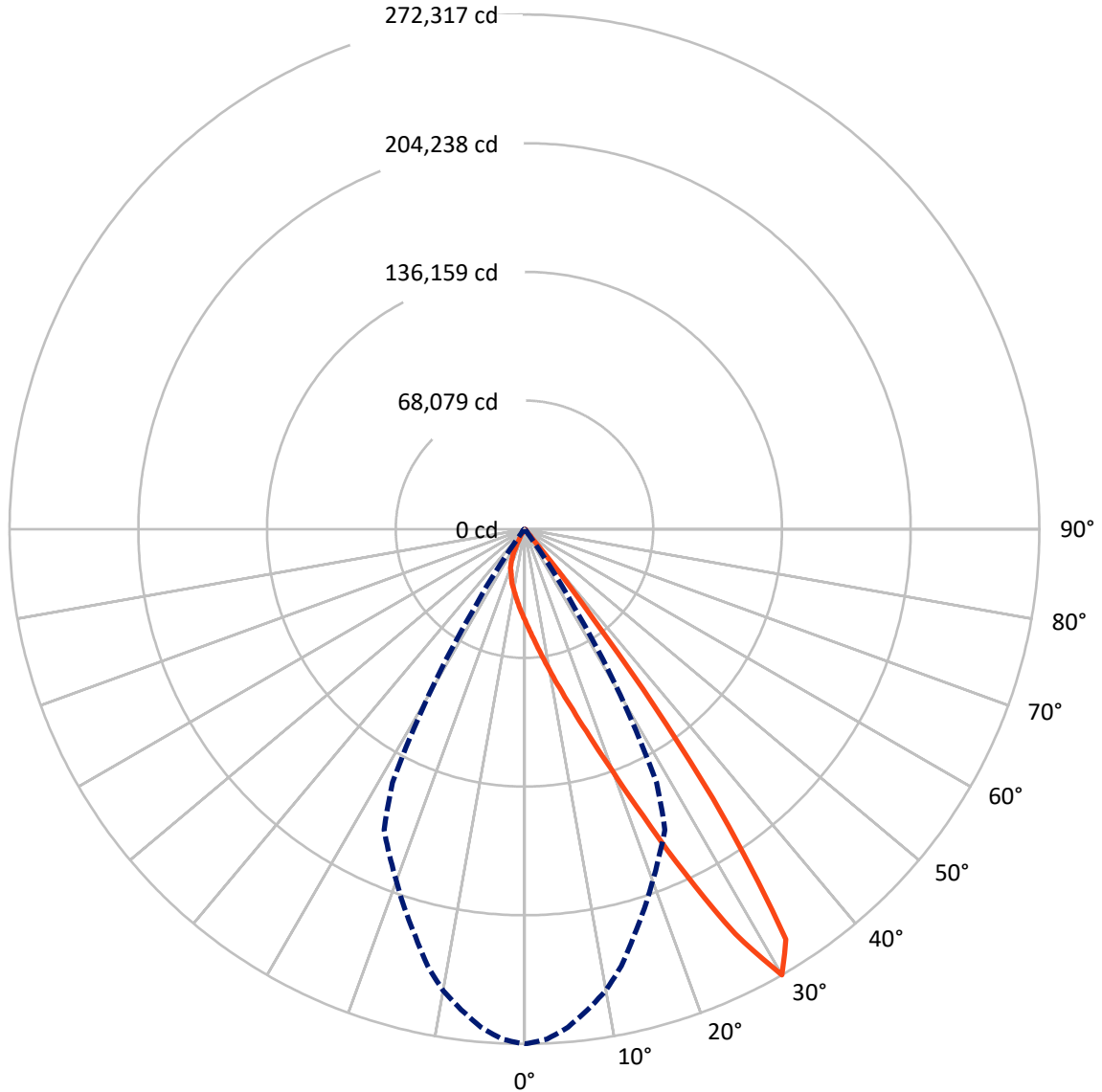
REPORT NUMBER: P902059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NB-LO

Lumen Table



REPORT NUMBER: P902059 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NB-LO

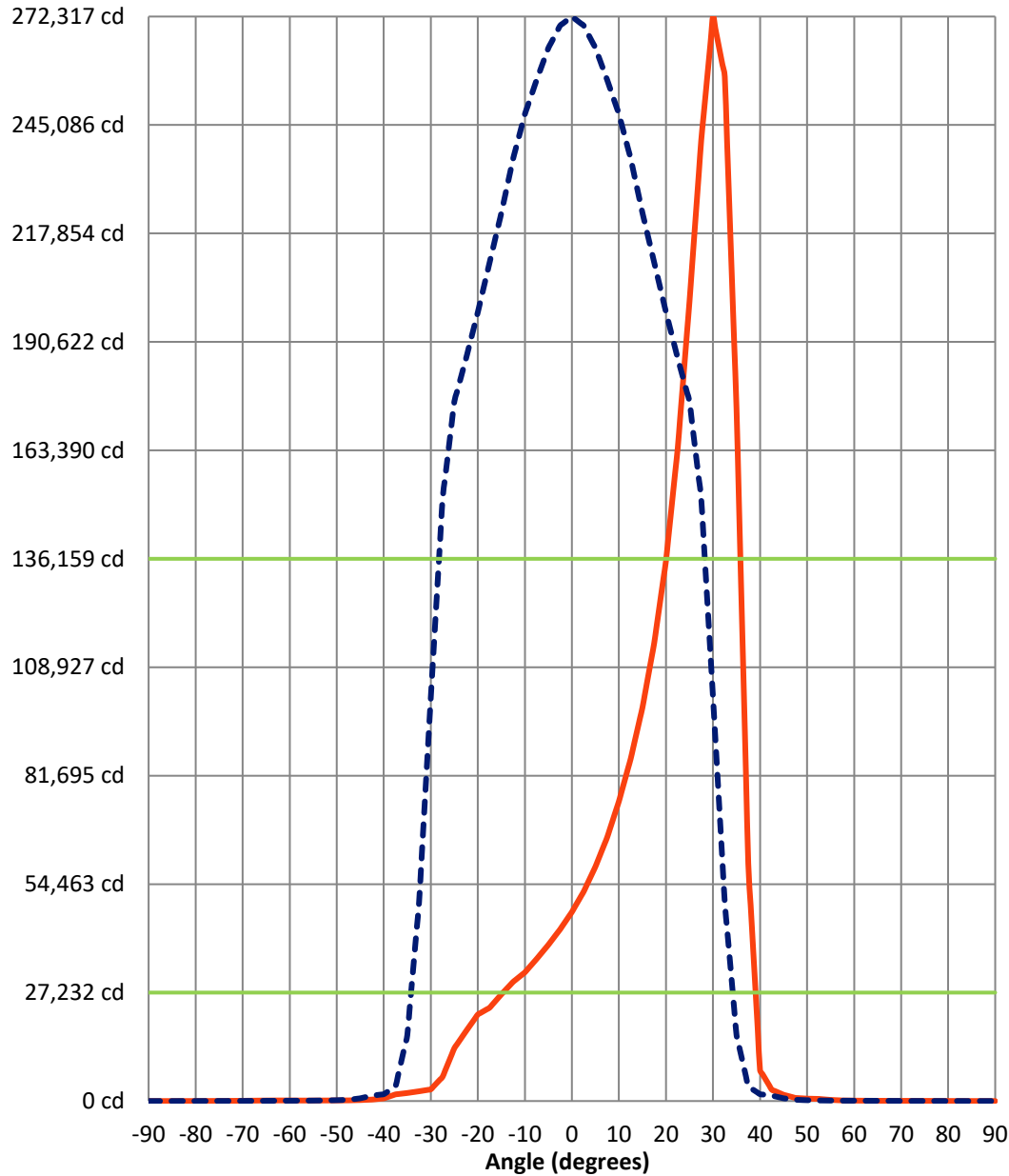
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P902059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NB-LO

Luminous Intensity Plot



Beam:
 H Angle: 56.5°
 V Angle: 15.8°
 Lumens: 45411.1
 Efficiency: 40.5%

Field:
 H Angle: 68.4°
 V Angle: 53.7°
 Lumens: 104653.2
 Efficiency: 93.3%

Spill:
 Lumens: 7458.8
 Efficiency: 6.7%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 30-Deg



REPORT NUMBER: P902059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NB-LO

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	0.1	0.2	0.3	0.4	0.5	1.2	1.4	1.5	1.7	1.9
85°	0.0	0.2	0.4	0.6	0.8	1.0	2.3	2.7	3.1	3.4	3.7
82.5°	0.0	0.3	0.6	0.9	1.2	1.5	3.4	3.8	4.1	4.4	4.7
80°	0.0	0.4	0.8	1.2	1.6	1.9	4.0	4.5	4.9	5.3	5.9
77.5°	0.0	0.5	1.0	1.5	1.9	2.4	4.5	5.2	5.9	6.9	7.7
75°	0.0	0.6	1.2	1.7	2.3	2.9	5.0	6.3	7.4	8.5	9.6
72.5°	0.0	0.7	1.4	2.0	2.7	3.4	5.8	7.6	8.9	10.2	11.4
70°	0.0	0.8	1.5	2.3	3.1	4.1	6.8	8.9	10.1	11.8	13.3
67.5°	0.0	0.9	1.7	2.6	3.4	5.0	7.7	9.6	11.1	13.5	15.1
65°	0.0	1.0	1.9	2.8	3.9	5.9	8.4	10.3	12.0	15.1	17.2
62.5°	0.0	1.0	2.1	3.1	4.5	6.8	8.7	10.9	13.2	16.9	19.8
60°	0.0	1.1	2.2	3.4	4.9	7.5	9.0	12.1	14.3	19.0	22.3
57.5°	0.0	1.2	2.4	3.6	5.4	7.9	9.3	13.2	16.2	20.9	24.9
55°	0.0	1.3	2.6	3.9	5.7	8.3	10.1	14.1	18.1	22.8	27.4
52.5°	0.0	1.4	2.7	4.1	5.9	8.7	11.0	15.4	20.0	24.5	29.8
50°	0.0	1.4	2.9	4.4	6.3	9.1	11.9	16.6	21.9	26.4	32.1
47.5°	0.0	1.5	3.0	4.6	6.8	9.8	12.9	17.9	23.7	29.1	35.5
45°	0.0	1.6	3.2	4.8	7.4	10.5	14.2	19.0	25.1	31.7	39.1
42.5°	0.0	1.7	3.3	5.0	7.9	11.2	15.5	20.4	26.8	34.6	42.5
40°	0.0	1.7	3.4	5.4	8.5	11.9	16.6	21.8	28.5	37.5	45.1
37.5°	0.0	1.8	3.6	5.7	9.0	12.5	17.8	23.2	30.0	39.8	47.6
35°	0.0	1.8	3.8	6.2	9.4	13.3	18.9	24.4	31.6	41.8	50.5
32.5°	0.0	1.9	4.0	6.7	9.9	14.0	19.9	25.6	33.4	43.9	53.9
30°	0.0	1.9	4.2	7.1	10.3	14.6	20.8	26.7	34.9	45.6	57.2
27.5°	0.0	2.0	4.4	7.4	10.6	15.0	21.4	27.7	36.7	47.2	60.2
25°	0.0	2.0	4.6	7.7	11.0	15.3	21.7	28.6	38.4	49.1	63.4
22.5°	0.0	2.1	4.7	8.0	11.3	15.5	22.0	29.2	39.8	50.8	66.3
20°	0.0	2.1	4.9	8.2	11.6	15.9	22.2	29.8	40.3	52.0	67.6
17.5°	0.0	2.1	5.0	8.3	11.9	16.2	22.6	30.1	40.2	52.6	68.4
15°	0.0	2.2	5.1	8.4	12.1	16.6	23.1	30.4	39.9	52.7	68.9
12.5°	0.0	2.2	5.2	8.5	12.3	16.9	23.6	30.8	39.7	52.6	69.0
10°	0.0	2.2	5.3	8.5	12.4	17.2	23.9	31.0	39.7	53.1	69.0
7.5°	0.0	2.2	5.4	8.6	12.5	17.5	24.2	31.0	39.6	53.3	69.3
5°	0.0	2.2	5.4	8.6	12.6	17.6	24.4	31.2	39.8	53.5	69.3
2.5°	0.0	2.2	5.4	8.6	12.7	17.7	24.5	31.4	40.0	53.8	68.5
0°	0.0	2.3	5.5	8.7	12.7	17.8	24.6	31.4	40.1	53.7	67.4
-2.5°	0.0	2.2	5.4	8.6	12.7	17.6	24.0	31.2	40.0	53.4	66.4
-5°	0.0	2.2	5.4	8.6	12.6	17.4	23.4	30.9	39.8	52.9	65.1
-7.5°	0.0	2.2	5.4	8.6	12.5	17.2	22.7	30.4	39.3	51.9	63.6
-10°	0.0	2.2	5.3	8.5	12.4	17.0	22.1	29.7	38.1	50.4	61.7
-12.5°	0.0	2.2	5.2	8.5	12.3	16.8	21.8	28.8	36.8	48.8	60.2
-15°	0.0	2.2	5.1	8.4	12.1	16.5	21.3	28.0	35.6	47.4	58.7
-17.5°	0.0	2.1	5.0	8.3	11.9	16.2	20.8	27.3	34.7	45.9	56.5
-20°	0.0	2.1	4.9	8.2	11.6	15.9	20.2	26.6	33.6	43.4	53.2



REPORT NUMBER: P902059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NB-LO

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.1	4.7	8.1	11.3	15.5	19.7	25.9	32.4	40.6	50.0
-25°	0.0	2.0	4.6	8.0	11.0	14.9	19.0	25.0	31.1	37.8	47.9
-27.5°	0.0	2.0	4.4	7.9	10.6	14.1	18.2	24.0	30.0	36.0	45.6
-30°	0.0	1.9	4.2	7.7	10.3	13.2	17.2	23.0	28.8	34.6	42.6
-32.5°	0.0	1.9	4.0	7.6	9.8	12.4	16.2	21.9	27.6	33.1	39.3
-35°	0.0	1.8	3.8	7.4	9.4	11.5	15.2	20.7	26.2	31.0	35.8
-37.5°	0.0	1.8	3.6	7.2	9.0	10.8	14.3	19.5	24.8	28.8	32.9
-40°	0.0	1.7	3.4	6.8	8.8	10.5	13.6	18.2	22.8	26.6	30.3
-42.5°	0.0	1.7	3.3	6.4	8.5	10.2	12.7	16.8	20.7	24.3	27.7
-45°	0.0	1.6	3.2	6.0	8.2	9.8	11.5	15.3	18.6	22.0	25.6
-47.5°	0.0	1.5	3.0	5.6	8.0	9.5	10.2	13.5	16.4	20.2	23.4
-50°	0.0	1.4	2.9	5.1	7.7	9.1	9.4	11.8	14.6	18.6	21.2
-52.5°	0.0	1.4	2.7	4.6	7.4	8.7	8.6	10.3	12.7	16.4	18.9
-55°	0.0	1.3	2.6	4.1	6.8	8.1	7.9	9.0	11.5	14.3	16.5
-57.5°	0.0	1.2	2.4	3.6	6.1	7.5	7.3	8.5	10.2	12.5	14.8
-60°	0.0	1.1	2.2	3.4	5.4	6.9	6.8	7.9	9.0	11.0	13.1
-62.5°	0.0	1.0	2.1	3.1	4.7	6.1	6.3	7.3	8.3	9.4	11.4
-65°	0.0	1.0	1.9	2.8	4.0	5.3	5.8	6.7	7.6	8.5	9.6
-67.5°	0.0	0.9	1.7	2.6	3.4	4.6	5.2	6.0	6.9	7.7	8.5
-70°	0.0	0.8	1.5	2.3	3.1	3.9	4.6	5.4	6.1	6.9	7.6
-72.5°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	4.7	5.4	6.0	6.7
-75°	0.0	0.6	1.2	1.7	2.3	2.9	3.5	4.0	4.6	5.2	5.8
-77.5°	0.0	0.5	1.0	1.5	1.9	2.4	2.9	3.4	3.8	4.3	4.8
-80°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
-82.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.7	2.0	2.3	2.6	2.8
-85°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.5	1.7	1.9
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-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: P902059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NB-LO

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°	2.1	2.2	2.4	2.6	2.7	2.9	3.0	1.6	1.7	1.7	3.6
85°	3.9	4.1	4.2	4.4	4.6	4.8	4.9	3.3	3.3	3.4	5.4
82.5°	5.0	5.3	5.5	6.0	6.5	7.0	7.4	6.2	6.4	6.8	8.8
80°	6.6	7.3	7.9	8.6	9.2	9.8	10.4	10.3	11.0	11.7	11.1
77.5°	8.6	9.5	10.3	11.1	11.9	12.7	13.5	14.2	14.9	15.6	14.9
75°	10.7	11.7	12.7	13.7	14.7	15.6	16.6	17.9	18.6	19.0	19.6
72.5°	12.7	13.9	15.1	16.3	17.9	19.5	21.0	22.6	23.2	23.6	25.0
70°	14.7	16.1	18.0	19.9	21.8	23.7	25.5	27.3	28.4	28.7	29.7
67.5°	16.9	19.2	21.4	23.7	25.8	28.0	30.0	32.0	33.7	33.8	35.3
65°	19.8	22.3	24.9	27.4	29.8	32.1	35.0	36.7	38.8	39.9	40.9
62.5°	22.7	25.5	28.3	31.0	34.0	37.4	40.7	42.7	45.1	47.0	47.9
60°	25.5	28.6	31.7	35.5	39.1	42.8	46.4	49.6	51.5	54.3	54.8
57.5°	28.3	31.7	35.9	41.3	44.0	48.4	53.1	57.7	58.9	63.1	63.6
55°	31.0	35.2	40.0	46.1	49.9	56.2	60.5	65.2	68.5	71.9	74.8
52.5°	34.0	39.1	44.0	50.6	57.0	63.0	68.4	74.6	79.4	83.0	89.5
50°	37.8	42.8	48.4	56.3	63.0	70.0	78.4	85.8	92.0	99.4	110.4
47.5°	41.8	46.4	54.3	61.9	69.5	78.9	89.6	99.8	108.8	121.4	141.1
45°	45.6	51.4	59.8	67.1	78.3	89.9	102.7	116.1	133.2	154.9	188.3
42.5°	48.8	57.1	65.2	74.8	88.0	102.0	119.2	139.9	165.5	206.3	277.8
40°	53.0	62.3	71.2	82.5	98.3	117.3	141.3	170.2	210.9	284.2	460.9
37.5°	57.3	66.6	77.6	91.6	110.5	135.2	168.5	210.0	277.7	475.7	750.7
35°	61.4	71.6	84.6	100.4	121.9	154.5	205.7	273.9	475.5	784.4	1210.0
32.5°	65.7	77.2	91.5	109.6	136.5	183.5	258.8	437.2	815.1	1230.4	1726.9
30°	70.1	82.6	97.9	117.9	148.6	211.8	317.6	689.7	1366.0	1716.2	3648.5
27.5°	74.0	88.3	105.3	127.7	166.6	246.9	472.6	1111.1	1799.5	2512.3	7742.0
25°	78.2	94.3	112.3	136.5	181.3	275.8	594.2	1482.8	2132.2	3121.6	11823.9
22.5°	81.4	99.7	118.1	143.8	196.7	329.7	785.8	1640.4	2448.1	5697.5	20158.0
20°	83.8	102.0	123.3	154.0	215.9	386.1	928.1	1733.8	2567.7	7042.4	26733.3
17.5°	84.9	103.8	126.2	160.5	229.3	416.6	985.3	1752.5	3084.0	11492.0	35310.2
15°	85.7	104.6	127.5	164.2	238.7	467.4	1001.8	1702.2	3171.9	14273.8	40748.0
12.5°	85.8	104.7	126.9	166.9	257.9	500.4	981.9	1618.7	3345.4	18137.8	46637.6
10°	85.3	104.5	127.0	172.0	265.9	507.3	939.6	1557.3	5361.5	21664.3	50230.5
7.5°	85.4	104.6	128.3	174.5	265.6	496.9	886.6	1547.5	6434.0	23513.9	51574.5
5°	85.4	104.8	129.6	175.3	259.9	476.8	830.3	1472.5	6727.9	23952.4	50343.0
2.5°	84.1	103.8	129.8	174.3	252.1	452.6	772.2	1361.1	6445.3	23286.6	47509.4
0°	82.4	101.9	128.8	172.1	245.3	427.8	733.2	1306.1	6142.6	22202.2	43480.2
-2.5°	80.6	99.6	126.0	168.6	239.0	409.0	712.6	1265.4	5652.2	20535.5	39082.4
-5°	78.5	96.8	121.9	163.5	231.6	391.9	698.5	1221.5	4881.7	18311.9	34685.3
-7.5°	77.4	93.7	116.2	156.9	222.2	370.8	677.2	1178.5	3885.2	15532.1	30341.3
-10°	75.7	90.4	111.4	150.7	210.5	341.0	639.3	1117.9	2771.7	12057.3	26136.8
-12.5°	73.4	86.6	106.9	141.5	194.8	301.1	568.0	1033.8	1700.8	8144.2	22332.6
-15°	71.2	83.2	101.5	132.4	177.9	253.4	462.2	868.7	1444.4	4961.5	18501.0
-17.5°	67.8	79.7	96.1	123.2	163.6	213.9	339.1	639.5	1120.4	3335.5	12849.2
-20°	63.9	75.8	90.5	113.6	148.7	192.2	266.6	437.7	744.3	1422.9	6321.8



REPORT NUMBER: P902059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NB-LO

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	60.9	72.0	85.0	103.8	134.1	171.5	217.7	310.3	496.9	929.2	3075.9
-25°	58.0	68.0	80.1	96.9	121.3	151.8	184.5	224.3	319.0	489.8	1010.2
-27.5°	54.7	63.7	75.8	90.0	108.8	134.8	163.2	190.6	239.8	339.5	561.8
-30°	51.1	60.2	71.2	82.9	97.9	119.6	143.8	167.0	185.0	239.4	331.8
-32.5°	47.4	56.2	66.1	76.9	90.2	107.0	127.7	148.2	162.7	181.1	227.4
-35°	43.6	51.9	60.7	71.2	83.1	96.1	113.9	131.9	146.0	156.3	175.2
-37.5°	39.6	48.1	56.6	65.9	76.6	87.0	101.7	118.6	132.3	142.1	149.8
-40°	36.1	44.3	52.4	60.5	69.9	79.0	91.5	106.4	121.1	130.6	136.6
-42.5°	32.5	40.2	48.0	55.6	63.7	71.3	81.0	94.3	107.5	117.4	123.8
-45°	30.2	36.0	43.4	50.7	57.8	64.3	71.5	81.9	93.4	102.7	106.4
-47.5°	27.8	32.1	38.6	45.5	52.3	57.6	64.2	71.9	80.1	86.3	89.6
-50°	25.3	29.4	33.7	40.2	46.3	50.9	57.0	63.0	69.2	72.5	76.5
-52.5°	22.7	26.5	30.3	34.8	39.9	44.8	50.4	55.9	60.6	63.9	67.0
-55°	20.1	23.6	27.2	30.6	34.4	38.8	43.7	48.8	52.4	55.4	58.7
-57.5°	17.4	20.7	23.9	27.2	30.3	33.5	37.5	41.6	44.9	48.3	51.1
-60°	15.2	17.7	20.9	23.6	26.5	29.4	32.1	35.4	38.8	41.8	43.8
-62.5°	13.3	15.7	18.5	20.2	22.7	25.3	27.8	30.2	32.5	35.4	38.2
-65°	11.5	14.7	15.8	16.5	18.9	21.2	23.4	25.6	27.7	29.7	31.7
-67.5°	9.9	12.4	12.5	14.2	15.9	17.0	19.1	21.0	22.9	24.7	26.4
-70°	8.7	10.0	10.2	12.1	14.6	14.9	15.2	16.4	18.0	19.6	21.2
-72.5°	7.3	8.2	8.5	9.9	11.9	12.1	12.2	13.2	14.7	15.8	16.9
-75°	6.3	6.8	7.3	8.1	9.2	9.3	9.2	10.1	12.0	13.6	13.2
-77.5°	5.2	5.7	6.1	6.5	6.9	7.3	7.7	8.0	9.1	10.1	9.4
-80°	4.2	4.5	4.9	5.2	5.6	5.9	6.2	6.4	6.7	7.0	5.7
-82.5°	3.1	3.4	3.6	3.9	4.1	4.4	4.6	4.8	5.0	5.3	3.7
-85°	2.1	2.2	2.4	2.6	2.7	2.9	3.0	3.2	3.3	3.4	1.8
-87.5°	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.7	0.0
-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: P902059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NB-LO

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°	1.9	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.2
85°	3.9	4.0	4.2	4.4	4.6	4.7	4.9	5.0	5.1	5.2	6.1
82.5°	7.7	7.9	8.2	8.5	8.7	9.0	10.1	10.4	10.7	10.9	12.8
80°	11.2	11.7	12.1	12.5	12.9	13.2	15.1	16.8	17.3	17.5	19.5
77.5°	15.2	16.0	16.8	17.5	18.1	18.7	20.8	23.2	25.4	26.2	28.5
75°	20.7	21.7	22.6	23.5	24.3	25.0	27.0	29.5	31.9	34.2	38.0
72.5°	26.0	26.7	27.5	28.9	31.4	32.0	33.2	35.4	37.5	39.0	42.3
70°	29.8	31.2	32.5	34.4	37.4	38.5	39.1	40.1	41.8	42.8	45.8
67.5°	35.3	36.9	38.3	40.1	44.7	47.1	46.4	47.0	49.0	51.8	55.9
65°	41.2	43.3	46.7	54.9	62.2	61.4	56.9	57.2	59.7	63.7	68.1
62.5°	48.5	49.8	55.2	69.4	82.9	80.7	73.9	74.7	82.1	88.0	89.8
60°	54.7	57.5	67.1	89.5	111.5	112.5	102.6	119.8	147.8	143.5	126.5
57.5°	64.3	69.1	79.7	106.3	138.9	152.4	157.4	205.2	266.4	241.1	184.7
55°	78.9	87.6	96.2	116.3	152.2	186.4	217.3	269.8	324.6	337.8	321.5
52.5°	99.2	113.1	126.4	141.0	161.8	202.5	275.8	361.7	425.6	464.4	498.6
50°	125.9	145.0	162.2	192.0	221.7	271.8	347.5	455.9	538.2	571.8	589.5
47.5°	165.3	203.5	243.6	308.7	364.6	407.3	410.8	456.5	517.3	564.4	598.5
45°	247.3	328.7	420.8	537.2	615.8	768.0	552.2	745.1	947.6	1063.5	1220.8
42.5°	408.0	561.4	741.7	1169.2	1496.8	2763.4	2332.6	2895.7	3006.2	2873.3	3087.9
40°	691.7	1041.5	1748.6	5662.9	8036.5	12389.2	10539.0	13745.1	11346.6	12171.5	11592.8
37.5°	1261.5	2238.4	11047.2	25198.9	35089.7	52313.6	54615.9	59051.8	56102.0	60843.5	62760.1
35°	2577.9	10981.5	35662.2	68464.6	102670.3	119051.0	128766.7	136937.6	146063.8	153142.5	162241.0
32.5°	6924.5	28256.8	69622.4	117795.2	155620.7	169296.2	181257.2	193921.2	207035.2	220410.3	234857.7
30°	16551.5	49871.9	101389.8	151176.1	175640.6	186509.1	198094.0	210555.0	223009.0	236628.4	247811.4
27.5°	27879.6	70035.8	123656.8	160528.5	172777.6	180576.6	189474.3	199114.3	208378.3	218470.4	225788.3
25°	39262.1	88348.3	132030.2	152637.7	159156.3	164057.2	169766.2	175745.4	182106.8	188075.0	192667.2
22.5°	53669.9	97850.3	129716.1	140568.7	143131.7	145693.4	148689.9	152433.9	155820.6	158760.2	161042.0
20°	63707.0	102643.2	124103.7	128024.9	128716.3	129459.4	130811.2	132228.7	133705.1	134701.1	135179.2
17.5°	71689.7	102144.5	115174.6	116261.9	115801.1	115445.3	115559.9	115777.7	115822.2	115631.5	115301.0
15°	76549.8	99066.2	106212.8	105680.6	104582.7	103517.0	102919.0	102362.8	101730.4	100973.3	100040.7
12.5°	77418.5	94336.1	97317.8	96001.2	94473.6	93036.1	92079.4	91084.7	90031.1	88914.7	87888.7
10°	76696.0	88668.3	88843.9	87158.1	85360.1	83743.9	82460.7	81238.2	79886.0	78646.4	77520.4
7.5°	73094.3	80999.1	80701.3	78996.6	77042.1	75248.2	73906.9	72579.8	71217.7	69933.3	68728.7
5°	68077.8	73930.2	73108.4	71449.7	69547.2	67705.9	66303.2	64961.0	63642.8	62390.4	61244.7
2.5°	62752.8	67166.4	66062.2	64593.7	62792.4	61011.2	59629.4	58317.4	57048.5	55841.3	54759.1
0°	56708.8	60438.2	59513.0	58158.2	56553.2	54911.3	53662.5	52482.1	51337.5	50256.6	49299.5
-2.5°	50703.0	54059.3	53465.3	52359.2	51000.8	49580.8	48450.3	47409.1	46410.9	45467.5	44637.7
-5°	45090.5	48166.5	47910.2	47171.1	46084.0	44897.5	43904.5	42986.9	42105.1	41330.1	40630.1
-7.5°	40126.8	42831.1	42760.6	42362.9	41605.4	40576.0	39791.8	39007.8	38252.3	37559.2	36981.7
-10°	35452.6	38048.5	38165.0	37982.4	37400.5	36585.9	35906.3	35253.0	34614.9	34009.4	33477.7
-12.5°	30883.2	33979.8	34339.2	34428.4	34166.5	33515.6	32897.0	32303.3	31721.6	31238.7	30786.0
-15°	26675.3	29936.8	30250.5	30395.0	30329.9	29888.7	29429.9	28940.0	28435.5	27973.2	27671.1
-17.5°	22772.6	26471.8	26810.0	26861.5	26826.1	26444.7	26045.1	25607.3	25178.1	24755.1	24165.6
-20°	18309.6	23141.2	23762.8	23875.1	23926.0	23743.4	23544.8	23306.9	22715.3	22273.2	22116.8



REPORT NUMBER: P902059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NB-LO

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	10875.5	17351.4	19181.4	19486.5	19643.1	19602.4	19361.9	18983.1	18697.6	18476.0	18078.2
-25°	2944.8	9532.7	12611.8	13402.1	13709.3	13842.7	13844.2	13927.9	13624.5	13652.9	13414.4
-27.5°	1116.9	2579.4	4674.2	6235.6	6498.6	6676.5	6564.1	6376.0	6538.8	6075.3	6392.9
-30°	468.2	724.3	1371.1	2174.6	3188.5	3439.0	3425.4	3104.3	3068.1	2837.9	2936.7
-32.5°	305.7	393.6	546.8	840.8	1366.0	2234.0	2692.6	2541.1	2393.9	2332.6	2323.5
-35°	213.7	276.4	346.4	439.0	568.1	979.7	1384.4	1821.9	1991.6	1979.0	1982.6
-37.5°	165.8	190.4	241.3	294.5	353.3	453.9	561.6	733.6	833.4	1131.8	1363.9
-40°	143.7	151.4	168.1	198.7	233.5	280.8	326.3	377.0	402.2	468.3	537.0
-42.5°	128.5	131.3	133.0	142.3	152.8	181.8	210.7	244.7	270.9	292.9	312.8
-45°	110.6	111.4	112.4	115.2	119.2	129.3	139.8	154.7	171.9	184.8	198.6
-47.5°	93.0	94.9	95.0	99.3	104.8	113.7	124.1	130.7	133.7	134.2	138.5
-50°	79.0	82.7	85.3	90.8	98.6	111.4	127.0	136.7	133.7	128.1	131.3
-52.5°	69.9	73.3	77.6	83.5	92.9	107.9	125.2	134.9	131.5	121.6	122.1
-55°	62.0	65.3	70.1	76.8	85.1	96.2	107.5	114.6	113.9	109.8	113.4
-57.5°	55.0	58.2	63.0	68.8	74.8	80.7	86.6	91.5	96.7	100.6	109.9
-60°	47.0	50.7	55.1	60.7	65.1	70.2	74.5	81.4	90.0	100.1	112.4
-62.5°	40.8	43.4	47.2	52.9	57.1	62.1	68.6	76.2	85.8	97.0	110.3
-65°	33.7	36.0	40.0	43.9	48.1	52.6	59.4	66.4	76.3	85.9	98.0
-67.5°	28.0	29.9	33.1	35.8	38.3	42.3	46.7	52.4	59.8	67.6	77.3
-70°	22.5	24.5	27.0	28.2	30.1	33.4	36.5	40.0	44.2	49.0	56.1
-72.5°	17.9	19.2	21.2	22.2	23.2	24.2	26.7	29.8	32.6	35.5	39.3
-75°	13.2	14.2	15.3	16.2	17.0	17.9	19.7	21.0	23.2	24.1	25.2
-77.5°	9.5	10.0	10.5	11.0	11.5	13.4	14.1	14.4	16.3	16.9	17.2
-80°	5.8	6.3	6.7	7.0	7.4	9.3	9.8	10.1	10.3	10.5	10.6
-82.5°	3.7	3.9	4.1	4.2	4.4	5.3	5.5	5.7	5.9	6.0	6.2
-85°	1.9	2.0	2.1	2.2	2.3	2.4	2.4	2.5	2.5	2.6	2.6
-87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4
-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: P902059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NB-LO

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°	2.2	4.1	4.1	4.1	4.1	4.1	2.2	2.2	2.2	2.2	2.1
85°	6.2	8.1	8.2	8.2	8.2	8.1	6.2	6.1	5.2	5.1	5.0
82.5°	13.0	14.9	15.0	15.0	15.0	14.9	13.0	12.8	10.9	10.7	10.4
80°	21.4	21.7	21.8	21.8	21.8	21.7	21.4	19.5	17.5	17.3	16.8
77.5°	32.4	35.5	37.7	37.8	37.7	35.5	32.4	28.5	26.2	25.4	23.2
75°	41.4	47.6	49.9	50.1	49.9	47.6	41.4	38.0	34.2	31.9	29.5
72.5°	44.7	50.4	51.4	52.8	51.4	50.4	44.7	42.3	39.0	37.5	35.4
70°	47.1	50.5	51.0	52.8	51.0	50.5	47.1	45.8	42.8	41.8	40.1
67.5°	56.4	58.9	59.5	59.6	59.5	58.9	56.4	55.9	51.8	49.0	47.0
65°	69.2	68.8	69.0	69.2	69.0	68.8	69.2	68.1	63.7	59.7	57.2
62.5°	88.9	86.8	85.5	85.6	85.5	86.8	88.9	89.8	88.0	82.1	74.7
60°	116.5	112.6	111.0	111.0	111.0	112.6	116.5	126.5	143.5	147.8	119.8
57.5°	161.2	154.6	151.4	150.7	151.4	154.6	161.2	184.7	241.1	266.4	205.2
55°	310.3	305.5	297.8	289.4	297.8	305.5	310.3	321.5	337.8	324.6	269.8
52.5°	532.9	555.8	552.9	536.1	552.9	555.8	532.9	498.6	464.4	425.6	361.7
50°	599.2	617.1	628.0	609.8	628.0	617.1	599.2	589.5	571.8	538.2	455.9
47.5°	640.6	739.7	799.7	791.9	799.7	739.7	640.6	598.5	564.4	517.3	456.5
45°	1390.1	1500.3	1572.0	1581.9	1572.0	1500.3	1390.1	1220.8	1063.5	947.6	745.1
42.5°	3061.1	2964.4	2897.4	2844.2	2897.4	2964.4	3061.1	3087.9	2873.3	3006.2	2895.7
40°	9930.9	8595.9	8006.5	7790.9	8006.5	8595.9	9930.9	11592.8	12171.5	11346.6	13745.1
37.5°	58767.9	58073.7	59625.7	59642.2	59625.7	58073.7	58767.9	62760.1	60843.5	56102.0	59051.8
35°	167252.0	170803.3	173415.9	173857.2	173415.9	170803.3	167252.0	162241.0	153142.5	146063.8	136937.6
32.5°	241762.2	249514.0	255234.2	257245.3	255234.2	249514.0	241762.2	234857.7	220410.3	207035.2	193921.2
30°	256395.9	264426.4	270048.2	272317.4	270048.2	264426.4	256395.9	247811.4	236628.4	223009.0	210555.0
27.5°	232677.9	238136.6	240501.8	241304.0	240501.8	238136.6	232677.9	225788.3	218470.4	208378.3	199114.3
25°	196092.1	198955.2	200254.6	200752.2	200254.6	198955.2	196092.1	192667.2	188075.0	182106.8	175745.4
22.5°	162544.9	163623.1	163749.6	163954.7	163749.6	163623.1	162544.9	161042.0	158760.2	155820.6	152433.9
20°	135752.9	136026.9	135830.3	135667.2	135830.3	136026.9	135752.9	135179.2	134701.1	133705.1	132228.7
17.5°	115379.2	114999.5	114893.5	114995.4	114893.5	114999.5	115379.2	115301.0	115631.5	115822.2	115777.7
15°	99659.4	99040.8	98749.4	98812.1	98749.4	99040.8	99659.4	100040.7	100973.3	101730.4	102362.8
12.5°	87129.7	86446.5	85976.4	85954.4	85976.4	86446.5	87129.7	87888.7	88914.7	90031.1	91084.7
10°	76570.8	75880.1	75368.6	75290.0	75368.6	75880.1	76570.8	77520.4	78646.4	79886.0	81238.2
7.5°	67683.8	66956.2	66375.6	66219.8	66375.6	66956.2	67683.8	68728.7	69933.3	71217.7	72579.8
5°	60265.4	59522.9	59032.6	58852.7	59032.6	59522.9	60265.4	61244.7	62390.4	63642.8	64961.0
2.5°	53854.1	53235.4	52803.7	52588.0	52803.7	53235.4	53854.1	54759.1	55841.3	57048.5	58317.4
0°	48534.7	47941.3	47553.0	47473.5	47553.0	47941.3	48534.7	49299.5	50256.6	51337.5	52482.1
-2.5°	43944.8	43492.4	43208.5	43125.8	43208.5	43492.4	43944.8	44637.7	45467.5	46410.9	47409.1
-5°	40071.5	39661.1	39338.5	39240.1	39338.5	39661.1	40071.5	40630.1	41330.1	42105.1	42986.9
-7.5°	36486.7	36075.9	35830.9	35681.9	35830.9	36075.9	36486.7	36981.7	37559.2	38252.3	39007.8
-10°	33102.1	32784.5	32523.1	32310.4	32523.1	32784.5	33102.1	33477.7	34009.4	34614.9	35253.0
-12.5°	30385.1	30131.9	29998.2	29926.2	29998.2	30131.9	30385.1	30786.0	31238.7	31721.6	32303.3
-15°	27280.5	27061.6	26810.8	26788.8	26810.8	27061.6	27280.5	27671.1	27973.2	28435.5	28940.0
-17.5°	24066.8	23565.7	23424.8	23431.9	23424.8	23565.7	24066.8	24165.6	24755.1	25178.1	25607.3
-20°	21641.0	21535.0	21707.0	21734.4	21707.0	21535.0	21641.0	22116.8	22273.2	22715.3	23306.9



REPORT NUMBER: P902059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NB-LO

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	18027.7	17821.2	17647.2	17570.5	17647.2	17821.2	18027.7	18078.2	18476.0	18697.6	18983.1
-25°	13741.1	13383.9	13310.7	13260.9	13310.7	13383.9	13741.1	13414.4	13652.9	13624.5	13927.9
-27.5°	6292.5	5904.7	6051.2	6070.8	6051.2	5904.7	6292.5	6392.9	6075.3	6538.8	6376.0
-30°	2908.9	2875.5	2915.2	2930.7	2915.2	2875.5	2908.9	2936.7	2837.9	3068.1	3104.3
-32.5°	2345.2	2376.4	2424.5	2452.8	2424.5	2376.4	2345.2	2323.5	2332.6	2393.9	2541.1
-35°	1973.2	1963.7	1982.9	2020.5	1982.9	1963.7	1973.2	1982.6	1979.0	1991.6	1821.9
-37.5°	1553.1	1641.2	1662.4	1670.2	1662.4	1641.2	1553.1	1363.9	1131.8	833.4	733.6
-40°	586.3	625.0	664.4	673.5	664.4	625.0	586.3	537.0	468.3	402.2	377.0
-42.5°	329.2	345.6	362.8	369.5	362.8	345.6	329.2	312.8	292.9	270.9	244.7
-45°	214.5	228.5	240.4	243.9	240.4	228.5	214.5	198.6	184.8	171.9	154.7
-47.5°	144.9	156.9	165.1	168.8	165.1	156.9	144.9	138.5	134.2	133.7	130.7
-50°	137.2	143.6	151.0	154.7	151.0	143.6	137.2	131.3	128.1	133.7	136.7
-52.5°	128.5	135.6	140.4	141.5	140.4	135.6	128.5	122.1	121.6	131.5	134.9
-55°	121.6	127.7	131.3	132.9	131.3	127.7	121.6	113.4	109.8	113.9	114.6
-57.5°	119.9	127.0	130.3	131.1	130.3	127.0	119.9	109.9	100.6	96.7	91.5
-60°	127.2	139.4	145.1	147.4	145.1	139.4	127.2	112.4	100.1	90.0	81.4
-62.5°	125.6	139.5	149.1	152.0	149.1	139.5	125.6	110.3	97.0	85.8	76.2
-65°	110.7	122.6	131.9	134.7	131.9	122.6	110.7	98.0	85.9	76.3	66.4
-67.5°	85.8	95.0	102.5	105.1	102.5	95.0	85.8	77.3	67.6	59.8	52.4
-70°	60.3	64.4	68.8	71.0	68.8	64.4	60.3	56.1	49.0	44.2	40.0
-72.5°	42.3	44.3	48.4	50.5	48.4	44.3	42.3	39.3	35.5	32.6	29.8
-75°	26.5	27.9	30.8	31.8	30.8	27.9	26.5	25.2	24.1	23.2	21.0
-77.5°	17.5	19.4	21.3	21.4	21.3	19.4	17.5	17.2	16.9	16.3	14.4
-80°	10.7	12.6	12.7	12.7	12.7	12.6	10.7	10.6	10.5	10.3	10.1
-82.5°	6.3	7.6	7.7	7.7	7.7	7.6	6.3	6.2	6.0	5.9	5.7
-85°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.5	2.5
-87.5°	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.3
-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: P902059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NB-LO

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°	2.1	2.1	2.0	2.0	1.9	1.9	1.9	3.6	1.7	1.7	1.6
85°	4.9	4.7	4.6	4.4	4.2	4.0	3.9	5.4	3.4	3.3	3.3
82.5°	10.1	9.0	8.7	8.5	8.2	7.9	7.7	8.8	6.8	6.4	6.2
80°	15.1	13.2	12.9	12.5	12.1	11.7	11.2	11.1	11.7	11.0	10.3
77.5°	20.8	18.7	18.1	17.5	16.8	16.0	15.2	14.9	15.6	14.9	14.2
75°	27.0	25.0	24.3	23.5	22.6	21.7	20.7	19.6	19.0	18.6	17.9
72.5°	33.2	32.0	31.4	28.9	27.5	26.7	26.0	25.0	23.6	23.2	22.6
70°	39.1	38.5	37.4	34.4	32.5	31.2	29.8	29.7	28.7	28.4	27.3
67.5°	46.4	47.1	44.7	40.1	38.3	36.9	35.3	35.3	33.8	33.7	32.0
65°	56.9	61.4	62.2	54.9	46.7	43.3	41.2	40.9	39.9	38.8	36.7
62.5°	73.9	80.7	82.9	69.4	55.2	49.8	48.5	47.9	47.0	45.1	42.7
60°	102.6	112.5	111.5	89.5	67.1	57.5	54.7	54.8	54.3	51.5	49.6
57.5°	157.4	152.4	138.9	106.3	79.7	69.1	64.3	63.6	63.1	58.9	57.7
55°	217.3	186.4	152.2	116.3	96.2	87.6	78.9	74.8	71.9	68.5	65.2
52.5°	275.8	202.5	161.8	141.0	126.4	113.1	99.2	89.5	83.0	79.4	74.6
50°	347.5	271.8	221.7	192.0	162.2	145.0	125.9	110.4	99.4	92.0	85.8
47.5°	410.8	407.3	364.6	308.7	243.6	203.5	165.3	141.1	121.4	108.8	99.8
45°	552.2	768.0	615.8	537.2	420.8	328.7	247.3	188.3	154.9	133.2	116.1
42.5°	2332.6	2763.4	1496.8	1169.2	741.7	561.4	408.0	277.8	206.3	165.5	139.9
40°	10539.0	12389.2	8036.5	5662.9	1748.6	1041.5	691.7	460.9	284.2	210.9	170.2
37.5°	54615.9	52313.6	35089.7	25198.9	11047.2	2238.4	1261.5	750.7	475.7	277.7	210.0
35°	128766.7	119051.0	102670.3	68464.6	35662.2	10981.5	2577.9	1210.0	784.4	475.5	273.9
32.5°	181257.2	169296.2	155620.7	117795.2	69622.4	28256.8	6924.5	1726.9	1230.4	815.1	437.2
30°	198094.0	186509.1	175640.6	151176.1	101389.8	49871.9	16551.5	3648.5	1716.2	1366.0	689.7
27.5°	189474.3	180576.6	172777.6	160528.5	123656.8	70035.8	27879.6	7742.0	2512.3	1799.5	1111.1
25°	169766.2	164057.2	159156.3	152637.7	132030.2	88348.3	39262.1	11823.9	3121.6	2132.2	1482.8
22.5°	148689.9	145693.4	143131.7	140568.7	129716.1	97850.3	53669.9	20158.0	5697.5	2448.1	1640.4
20°	130811.2	129459.4	128716.3	128024.9	124103.7	102643.2	63707.0	26733.3	7042.4	2567.7	1733.8
17.5°	115559.9	115445.3	115801.1	116261.9	115174.6	102144.5	71689.7	35310.2	11492.0	3084.0	1752.5
15°	102919.0	103517.0	104582.7	105680.6	106212.8	99066.2	76549.8	40748.0	14273.8	3171.9	1702.2
12.5°	92079.4	93036.1	94473.6	96001.2	97317.8	94336.1	77418.5	46637.6	18137.8	3345.4	1618.7
10°	82460.7	83743.9	85360.1	87158.1	88843.9	88668.3	76696.0	50230.5	21664.3	5361.5	1557.3
7.5°	73906.9	75248.2	77042.1	78996.6	80701.3	80999.1	73094.3	51574.5	23513.9	6434.0	1547.5
5°	66303.2	67705.9	69547.2	71449.7	73108.4	73930.2	68077.8	50343.0	23952.4	6727.9	1472.5
2.5°	59629.4	61011.2	62792.4	64593.7	66062.2	67166.4	62752.8	47509.4	23286.6	6445.3	1361.1
0°	53662.5	54911.3	56553.2	58158.2	59513.0	60438.2	56708.8	43480.2	22202.2	6142.6	1306.1
-2.5°	48450.3	49580.8	51000.8	52359.2	53465.3	54059.3	50703.0	39082.4	20535.5	5652.2	1265.4
-5°	43904.5	44897.5	46084.0	47171.1	47910.2	48166.5	45090.5	34685.3	18311.9	4881.7	1221.5
-7.5°	39791.8	40576.0	41605.4	42362.9	42760.6	42831.1	40126.8	30341.3	15532.1	3885.2	1178.5
-10°	35906.3	36585.9	37400.5	37982.4	38165.0	38048.5	35452.6	26136.8	12057.3	2771.7	1117.9
-12.5°	32897.0	33515.6	34166.5	34428.4	34339.2	33979.8	30883.2	22332.6	8144.2	1700.8	1033.8
-15°	29429.9	29888.7	30329.9	30395.0	30250.5	29936.8	26675.3	18501.0	4961.5	1444.4	868.7
-17.5°	26045.1	26444.7	26826.1	26861.5	26810.0	26471.8	22772.6	12849.2	3335.5	1120.4	639.5
-20°	23544.8	23743.4	23926.0	23875.1	23762.8	23141.2	18309.6	6321.8	1422.9	744.3	437.7



REPORT NUMBER: P902059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NB-LO

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	19361.9	19602.4	19643.1	19486.5	19181.4	17351.4	10875.5	3075.9	929.2	496.9	310.3
-25°	13844.2	13842.7	13709.3	13402.1	12611.8	9532.7	2944.8	1010.2	489.8	319.0	224.3
-27.5°	6564.1	6676.5	6498.6	6235.6	4674.2	2579.4	1116.9	561.8	339.5	239.8	190.6
-30°	3425.4	3439.0	3188.5	2174.6	1371.1	724.3	468.2	331.8	239.4	185.0	167.0
-32.5°	2692.6	2234.0	1366.0	840.8	546.8	393.6	305.7	227.4	181.1	162.7	148.2
-35°	1384.4	979.7	568.1	439.0	346.4	276.4	213.7	175.2	156.3	146.0	131.9
-37.5°	561.6	453.9	353.3	294.5	241.3	190.4	165.8	149.8	142.1	132.3	118.6
-40°	326.3	280.8	233.5	198.7	168.1	151.4	143.7	136.6	130.6	121.1	106.4
-42.5°	210.7	181.8	152.8	142.3	133.0	131.3	128.5	123.8	117.4	107.5	94.3
-45°	139.8	129.3	119.2	115.2	112.4	111.4	110.6	106.4	102.7	93.4	81.9
-47.5°	124.1	113.7	104.8	99.3	95.0	94.9	93.0	89.6	86.3	80.1	71.9
-50°	127.0	111.4	98.6	90.8	85.3	82.7	79.0	76.5	72.5	69.2	63.0
-52.5°	125.2	107.9	92.9	83.5	77.6	73.3	69.9	67.0	63.9	60.6	55.9
-55°	107.5	96.2	85.1	76.8	70.1	65.3	62.0	58.7	55.4	52.4	48.8
-57.5°	86.6	80.7	74.8	68.8	63.0	58.2	55.0	51.1	48.3	44.9	41.6
-60°	74.5	70.2	65.1	60.7	55.1	50.7	47.0	43.8	41.8	38.8	35.4
-62.5°	68.6	62.1	57.1	52.9	47.2	43.4	40.8	38.2	35.4	32.5	30.2
-65°	59.4	52.6	48.1	43.9	40.0	36.0	33.7	31.7	29.7	27.7	25.6
-67.5°	46.7	42.3	38.3	35.8	33.1	29.9	28.0	26.4	24.7	22.9	21.0
-70°	36.5	33.4	30.1	28.2	27.0	24.5	22.5	21.2	19.6	18.0	16.4
-72.5°	26.7	24.2	23.2	22.2	21.2	19.2	17.9	16.9	15.8	14.7	13.2
-75°	19.7	17.9	17.0	16.2	15.3	14.2	13.2	13.2	13.6	12.0	10.1
-77.5°	14.1	13.4	11.5	11.0	10.5	10.0	9.5	9.4	10.1	9.1	8.0
-80°	9.8	9.3	7.4	7.0	6.7	6.3	5.8	5.7	7.0	6.7	6.4
-82.5°	5.5	5.3	4.4	4.2	4.1	3.9	3.7	3.7	5.3	5.0	4.8
-85°	2.4	2.4	2.3	2.2	2.1	2.0	1.9	1.8	3.4	3.3	3.2
-87.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	1.7	1.7	1.6
-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: P902059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NB-LO

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°	3.0	2.9	2.7	2.6	2.4	2.2	2.1	1.9	1.7	1.5	1.4
85°	4.9	4.8	4.6	4.4	4.2	4.1	3.9	3.7	3.4	3.1	2.7
82.5°	7.4	7.0	6.5	6.0	5.5	5.3	5.0	4.7	4.4	4.1	3.8
80°	10.4	9.8	9.2	8.6	7.9	7.3	6.6	5.9	5.3	4.9	4.5
77.5°	13.5	12.7	11.9	11.1	10.3	9.5	8.6	7.7	6.9	5.9	5.2
75°	16.6	15.6	14.7	13.7	12.7	11.7	10.7	9.6	8.5	7.4	6.3
72.5°	21.0	19.5	17.9	16.3	15.1	13.9	12.7	11.4	10.2	8.9	7.6
70°	25.5	23.7	21.8	19.9	18.0	16.1	14.7	13.3	11.8	10.1	8.9
67.5°	30.0	28.0	25.8	23.7	21.4	19.2	16.9	15.1	13.5	11.1	9.6
65°	35.0	32.1	29.8	27.4	24.9	22.3	19.8	17.2	15.1	12.0	10.3
62.5°	40.7	37.4	34.0	31.0	28.3	25.5	22.7	19.8	16.9	13.2	10.9
60°	46.4	42.8	39.1	35.5	31.7	28.6	25.5	22.3	19.0	14.3	12.1
57.5°	53.1	48.4	44.0	41.3	35.9	31.7	28.3	24.9	20.9	16.2	13.2
55°	60.5	56.2	49.9	46.1	40.0	35.2	31.0	27.4	22.8	18.1	14.1
52.5°	68.4	63.0	57.0	50.6	44.0	39.1	34.0	29.8	24.5	20.0	15.4
50°	78.4	70.0	63.0	56.3	48.4	42.8	37.8	32.1	26.4	21.9	16.6
47.5°	89.6	78.9	69.5	61.9	54.3	46.4	41.8	35.5	29.1	23.7	17.9
45°	102.7	89.9	78.3	67.1	59.8	51.4	45.6	39.1	31.7	25.1	19.0
42.5°	119.2	102.0	88.0	74.8	65.2	57.1	48.8	42.5	34.6	26.8	20.4
40°	141.3	117.3	98.3	82.5	71.2	62.3	53.0	45.1	37.5	28.5	21.8
37.5°	168.5	135.2	110.5	91.6	77.6	66.6	57.3	47.6	39.8	30.0	23.2
35°	205.7	154.5	121.9	100.4	84.6	71.6	61.4	50.5	41.8	31.6	24.4
32.5°	258.8	183.5	136.5	109.6	91.5	77.2	65.7	53.9	43.9	33.4	25.6
30°	317.6	211.8	148.6	117.9	97.9	82.6	70.1	57.2	45.6	34.9	26.7
27.5°	472.6	246.9	166.6	127.7	105.3	88.3	74.0	60.2	47.2	36.7	27.7
25°	594.2	275.8	181.3	136.5	112.3	94.3	78.2	63.4	49.1	38.4	28.6
22.5°	785.8	329.7	196.7	143.8	118.1	99.7	81.4	66.3	50.8	39.8	29.2
20°	928.1	386.1	215.9	154.0	123.3	102.0	83.8	67.6	52.0	40.3	29.8
17.5°	985.3	416.6	229.3	160.5	126.2	103.8	84.9	68.4	52.6	40.2	30.1
15°	1001.8	467.4	238.7	164.2	127.5	104.6	85.7	68.9	52.7	39.9	30.4
12.5°	981.9	500.4	257.9	166.9	126.9	104.7	85.8	69.0	52.6	39.7	30.8
10°	939.6	507.3	265.9	172.0	127.0	104.5	85.3	69.0	53.1	39.7	31.0
7.5°	886.6	496.9	265.6	174.5	128.3	104.6	85.4	69.3	53.3	39.6	31.0
5°	830.3	476.8	259.9	175.3	129.6	104.8	85.4	69.3	53.5	39.8	31.2
2.5°	772.2	452.6	252.1	174.3	129.8	103.8	84.1	68.5	53.8	40.0	31.4
0°	733.2	427.8	245.3	172.1	128.8	101.9	82.4	67.4	53.7	40.1	31.4
-2.5°	712.6	409.0	239.0	168.6	126.0	99.6	80.6	66.4	53.4	40.0	31.2
-5°	698.5	391.9	231.6	163.5	121.9	96.8	78.5	65.1	52.9	39.8	30.9
-7.5°	677.2	370.8	222.2	156.9	116.2	93.7	77.4	63.6	51.9	39.3	30.4
-10°	639.3	341.0	210.5	150.7	111.4	90.4	75.7	61.7	50.4	38.1	29.7
-12.5°	568.0	301.1	194.8	141.5	106.9	86.6	73.4	60.2	48.8	36.8	28.8
-15°	462.2	253.4	177.9	132.4	101.5	83.2	71.2	58.7	47.4	35.6	28.0
-17.5°	339.1	213.9	163.6	123.2	96.1	79.7	67.8	56.5	45.9	34.7	27.3
-20°	266.6	192.2	148.7	113.6	90.5	75.8	63.9	53.2	43.4	33.6	26.6



REPORT NUMBER: P902059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NB-LO

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	217.7	171.5	134.1	103.8	85.0	72.0	60.9	50.0	40.6	32.4	25.9
-25°	184.5	151.8	121.3	96.9	80.1	68.0	58.0	47.9	37.8	31.1	25.0
-27.5°	163.2	134.8	108.8	90.0	75.8	63.7	54.7	45.6	36.0	30.0	24.0
-30°	143.8	119.6	97.9	82.9	71.2	60.2	51.1	42.6	34.6	28.8	23.0
-32.5°	127.7	107.0	90.2	76.9	66.1	56.2	47.4	39.3	33.1	27.6	21.9
-35°	113.9	96.1	83.1	71.2	60.7	51.9	43.6	35.8	31.0	26.2	20.7
-37.5°	101.7	87.0	76.6	65.9	56.6	48.1	39.6	32.9	28.8	24.8	19.5
-40°	91.5	79.0	69.9	60.5	52.4	44.3	36.1	30.3	26.6	22.8	18.2
-42.5°	81.0	71.3	63.7	55.6	48.0	40.2	32.5	27.7	24.3	20.7	16.8
-45°	71.5	64.3	57.8	50.7	43.4	36.0	30.2	25.6	22.0	18.6	15.3
-47.5°	64.2	57.6	52.3	45.5	38.6	32.1	27.8	23.4	20.2	16.4	13.5
-50°	57.0	50.9	46.3	40.2	33.7	29.4	25.3	21.2	18.6	14.6	11.8
-52.5°	50.4	44.8	39.9	34.8	30.3	26.5	22.7	18.9	16.4	12.7	10.3
-55°	43.7	38.8	34.4	30.6	27.2	23.6	20.1	16.5	14.3	11.5	9.0
-57.5°	37.5	33.5	30.3	27.2	23.9	20.7	17.4	14.8	12.5	10.2	8.5
-60°	32.1	29.4	26.5	23.6	20.9	17.7	15.2	13.1	11.0	9.0	7.9
-62.5°	27.8	25.3	22.7	20.2	18.5	15.7	13.3	11.4	9.4	8.3	7.3
-65°	23.4	21.2	18.9	16.5	15.8	14.7	11.5	9.6	8.5	7.6	6.7
-67.5°	19.1	17.0	15.9	14.2	12.5	12.4	9.9	8.5	7.7	6.9	6.0
-70°	15.2	14.9	14.6	12.1	10.2	10.0	8.7	7.6	6.9	6.1	5.4
-72.5°	12.2	12.1	11.9	9.9	8.5	8.2	7.3	6.7	6.0	5.4	4.7
-75°	9.2	9.3	9.2	8.1	7.3	6.8	6.3	5.8	5.2	4.6	4.0
-77.5°	7.7	7.3	6.9	6.5	6.1	5.7	5.2	4.8	4.3	3.8	3.4
-80°	6.2	5.9	5.6	5.2	4.9	4.5	4.2	3.8	3.4	3.1	2.7
-82.5°	4.6	4.4	4.1	3.9	3.6	3.4	3.1	2.8	2.6	2.3	2.0
-85°	3.0	2.9	2.7	2.6	2.4	2.2	2.1	1.9	1.7	1.5	1.4
-87.5°	1.5	1.4	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.7
-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: P902059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NB-LO

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°	1.2	0.5	0.4	0.3	0.2	0.1	0.0
85°	2.3	1.0	0.8	0.6	0.4	0.2	0.0
82.5°	3.4	1.5	1.2	0.9	0.6	0.3	0.0
80°	4.0	1.9	1.6	1.2	0.8	0.4	0.0
77.5°	4.5	2.4	1.9	1.5	1.0	0.5	0.0
75°	5.0	2.9	2.3	1.7	1.2	0.6	0.0
72.5°	5.8	3.4	2.7	2.0	1.4	0.7	0.0
70°	6.8	4.1	3.1	2.3	1.5	0.8	0.0
67.5°	7.7	5.0	3.4	2.6	1.7	0.9	0.0
65°	8.4	5.9	3.9	2.8	1.9	1.0	0.0
62.5°	8.7	6.8	4.5	3.1	2.1	1.0	0.0
60°	9.0	7.5	4.9	3.4	2.2	1.1	0.0
57.5°	9.3	7.9	5.4	3.6	2.4	1.2	0.0
55°	10.1	8.3	5.7	3.9	2.6	1.3	0.0
52.5°	11.0	8.7	5.9	4.1	2.7	1.4	0.0
50°	11.9	9.1	6.3	4.4	2.9	1.4	0.0
47.5°	12.9	9.8	6.8	4.6	3.0	1.5	0.0
45°	14.2	10.5	7.4	4.8	3.2	1.6	0.0
42.5°	15.5	11.2	7.9	5.0	3.3	1.7	0.0
40°	16.6	11.9	8.5	5.4	3.4	1.7	0.0
37.5°	17.8	12.5	9.0	5.7	3.6	1.8	0.0
35°	18.9	13.3	9.4	6.2	3.8	1.8	0.0
32.5°	19.9	14.0	9.9	6.7	4.0	1.9	0.0
30°	20.8	14.6	10.3	7.1	4.2	1.9	0.0
27.5°	21.4	15.0	10.6	7.4	4.4	2.0	0.0
25°	21.7	15.3	11.0	7.7	4.6	2.0	0.0
22.5°	22.0	15.5	11.3	8.0	4.7	2.1	0.0
20°	22.2	15.9	11.6	8.2	4.9	2.1	0.0
17.5°	22.6	16.2	11.9	8.3	5.0	2.1	0.0
15°	23.1	16.6	12.1	8.4	5.1	2.2	0.0
12.5°	23.6	16.9	12.3	8.5	5.2	2.2	0.0
10°	23.9	17.2	12.4	8.5	5.3	2.2	0.0
7.5°	24.2	17.5	12.5	8.6	5.4	2.2	0.0
5°	24.4	17.6	12.6	8.6	5.4	2.2	0.0
2.5°	24.5	17.7	12.7	8.6	5.4	2.2	0.0
0°	24.6	17.8	12.7	8.7	5.5	2.3	0.0
-2.5°	24.0	17.6	12.7	8.6	5.4	2.2	0.0
-5°	23.4	17.4	12.6	8.6	5.4	2.2	0.0
-7.5°	22.7	17.2	12.5	8.6	5.4	2.2	0.0
-10°	22.1	17.0	12.4	8.5	5.3	2.2	0.0
-12.5°	21.8	16.8	12.3	8.5	5.2	2.2	0.0
-15°	21.3	16.5	12.1	8.4	5.1	2.2	0.0
-17.5°	20.8	16.2	11.9	8.3	5.0	2.1	0.0
-20°	20.2	15.9	11.6	8.2	4.9	2.1	0.0



REPORT NUMBER: P902059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NB-LO

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	19.7	15.5	11.3	8.1	4.7	2.1	0.0
-25°	19.0	14.9	11.0	8.0	4.6	2.0	0.0
-27.5°	18.2	14.1	10.6	7.9	4.4	2.0	0.0
-30°	17.2	13.2	10.3	7.7	4.2	1.9	0.0
-32.5°	16.2	12.4	9.8	7.6	4.0	1.9	0.0
-35°	15.2	11.5	9.4	7.4	3.8	1.8	0.0
-37.5°	14.3	10.8	9.0	7.2	3.6	1.8	0.0
-40°	13.6	10.5	8.8	6.8	3.4	1.7	0.0
-42.5°	12.7	10.2	8.5	6.4	3.3	1.7	0.0
-45°	11.5	9.8	8.2	6.0	3.2	1.6	0.0
-47.5°	10.2	9.5	8.0	5.6	3.0	1.5	0.0
-50°	9.4	9.1	7.7	5.1	2.9	1.4	0.0
-52.5°	8.6	8.7	7.4	4.6	2.7	1.4	0.0
-55°	7.9	8.1	6.8	4.1	2.6	1.3	0.0
-57.5°	7.3	7.5	6.1	3.6	2.4	1.2	0.0
-60°	6.8	6.9	5.4	3.4	2.2	1.1	0.0
-62.5°	6.3	6.1	4.7	3.1	2.1	1.0	0.0
-65°	5.8	5.3	4.0	2.8	1.9	1.0	0.0
-67.5°	5.2	4.6	3.4	2.6	1.7	0.9	0.0
-70°	4.6	3.9	3.1	2.3	1.5	0.8	0.0
-72.5°	4.0	3.4	2.7	2.0	1.4	0.7	0.0
-75°	3.5	2.9	2.3	1.7	1.2	0.6	0.0
-77.5°	2.9	2.4	1.9	1.5	1.0	0.5	0.0
-80°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-82.5°	1.7	1.5	1.2	0.9	0.6	0.3	0.0
-85°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-87.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)