

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: P902071 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 11/13/2024

Test Information

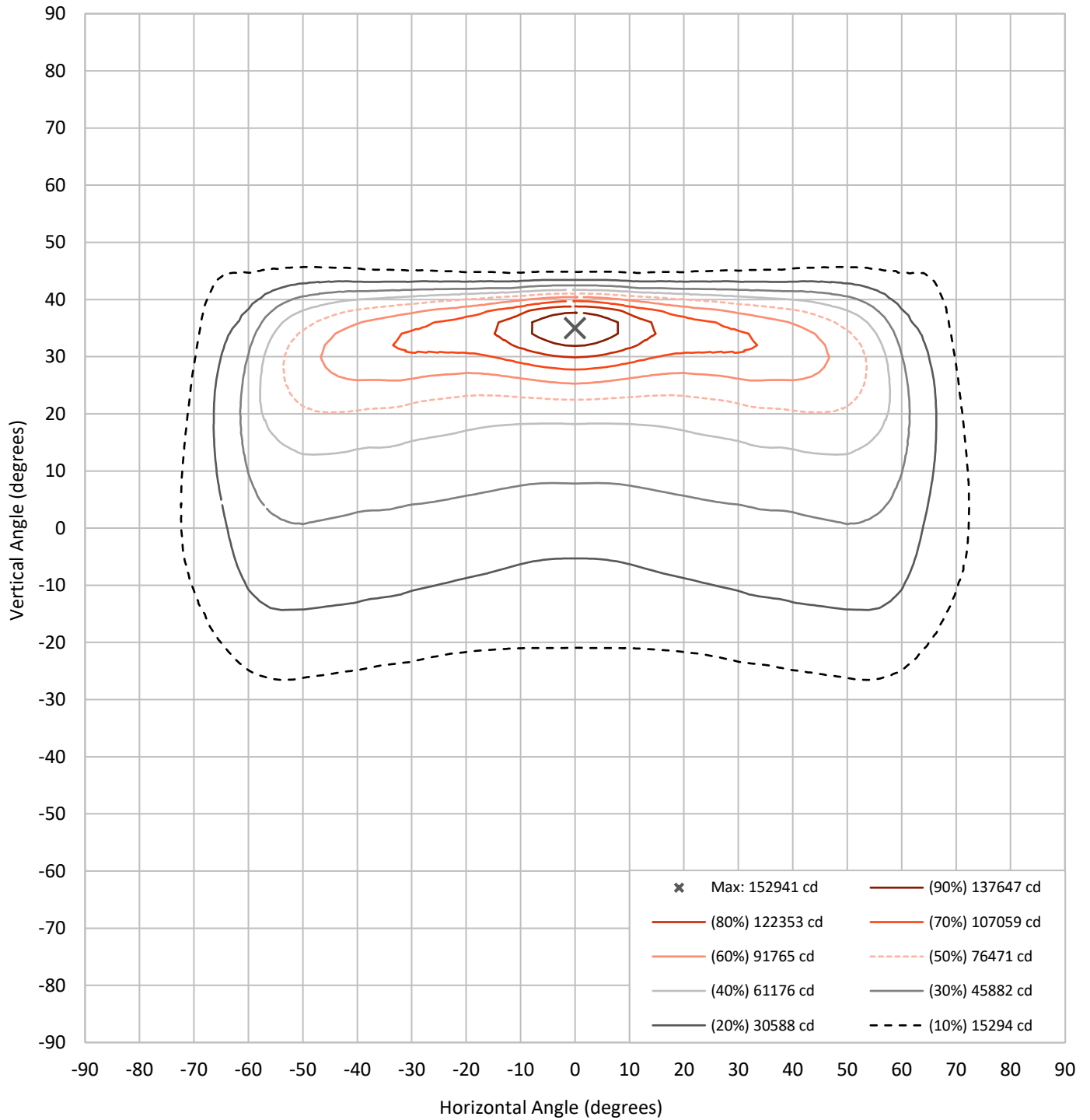
Test Method: LM-79-08
Report Number: P902071 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (LVM2049300)
Test Lab: INNOVATION CENTER
Issue Date: 11/13/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-AV-03-1360S-57-85-A35-VWB-LO
Description: ARENAVISION LUMINAIRE
5700K, 85 CRI LEDS AND A35-VWB-LO OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 4V
Luminaire Lumens:	128379.4 lumens	Max Intensity:	152941 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 35°V
Efficacy:	90.9 lumens/watt		
Luminous Opening:	Rectangular (W 2m x L: 2m x H: 0m)		
Beam Angle (50%):	99.6°H x 18.5°V	Field Angle (10%):	137.7°H x 65.4°V
Beam Lumens:	48107 lumens	Field Lumens:	119106.2 lumens
Beam Efficiency:	37.5%	Field Efficiency:	92.8%
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: P902071 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-VWB-LO

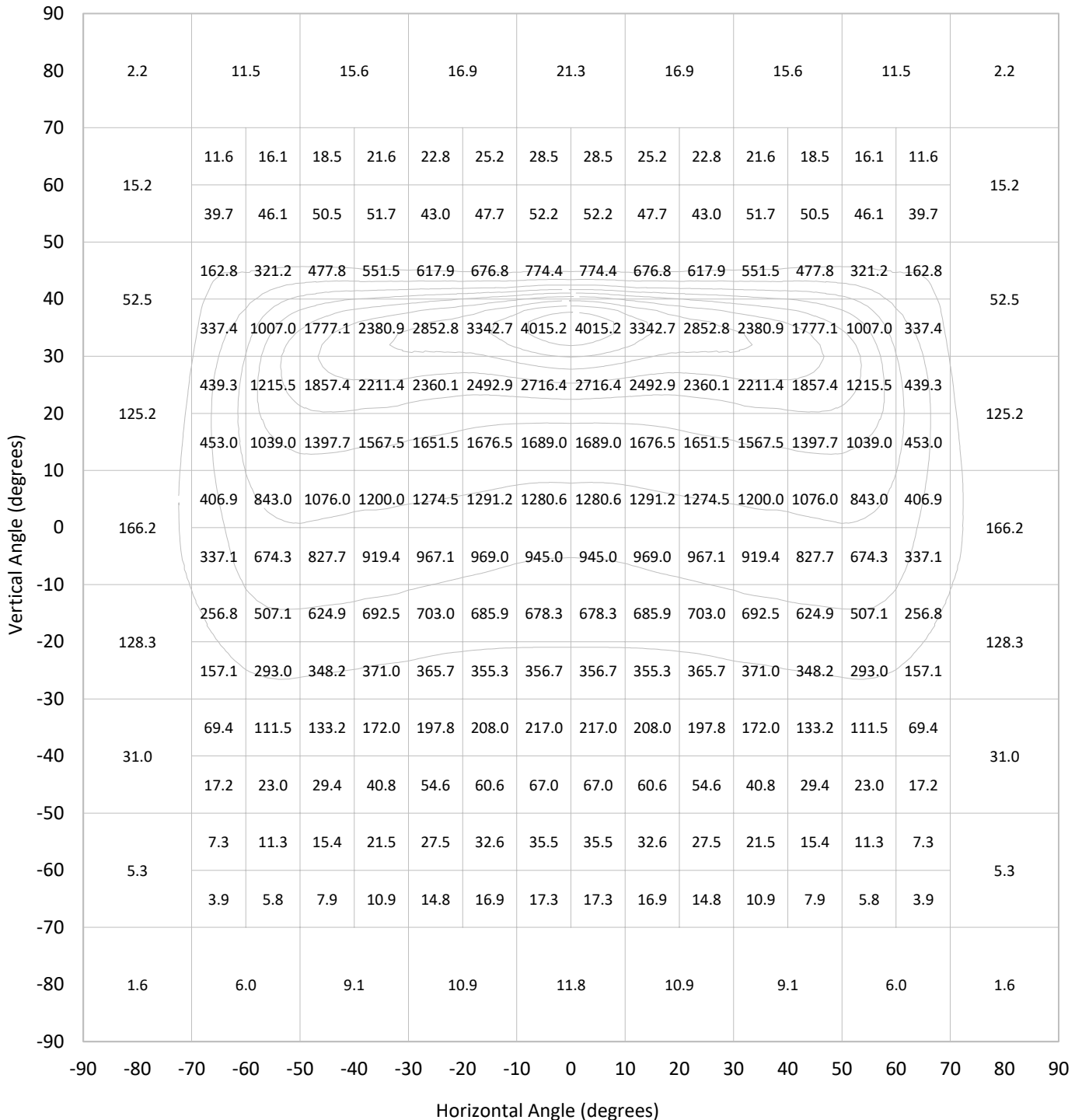
Iso-Candela Plot





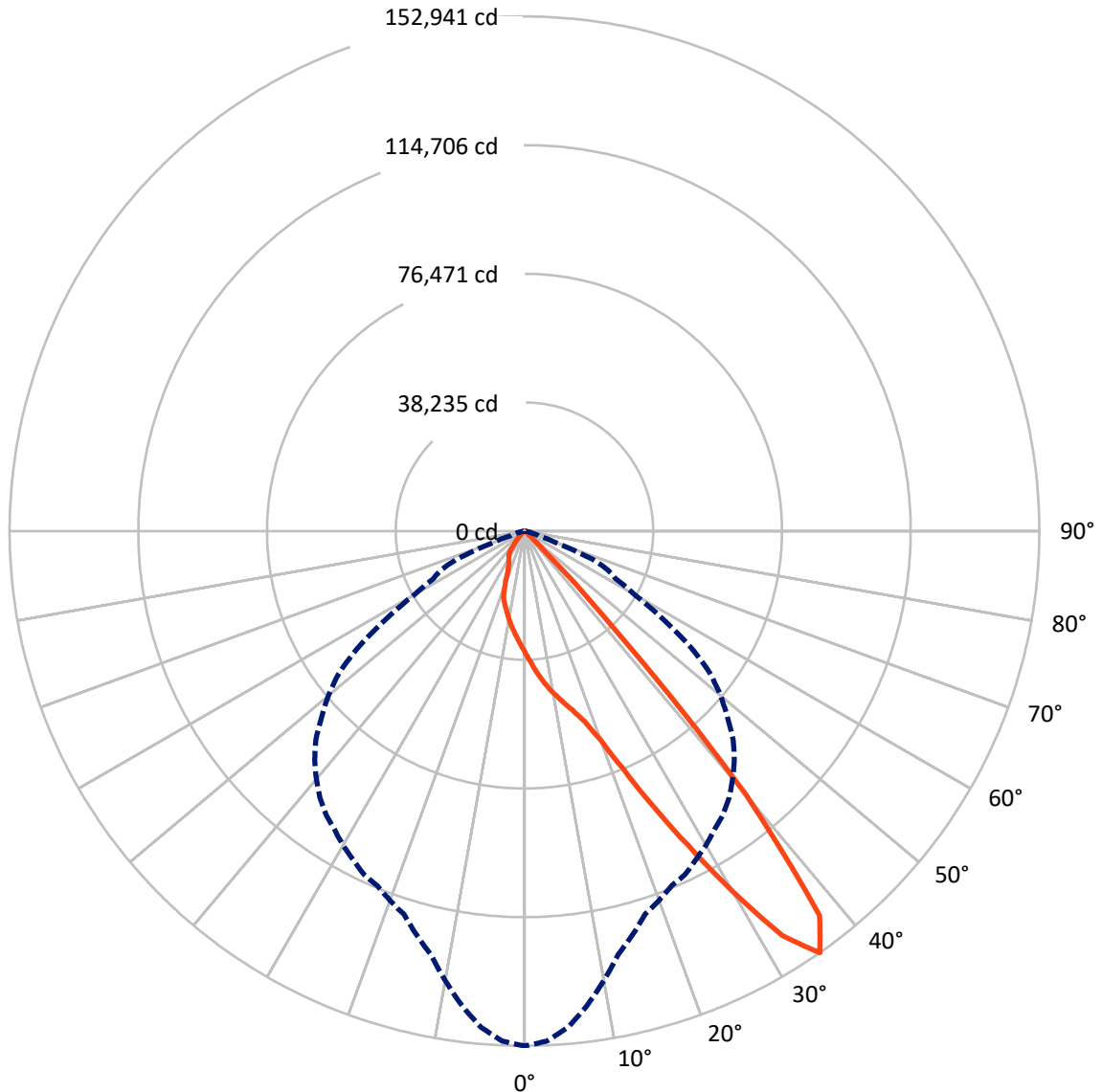
REPORT NUMBER: P902071 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-VWB-LO

Lumen Table



REPORT NUMBER: P902071 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-VWB-LO

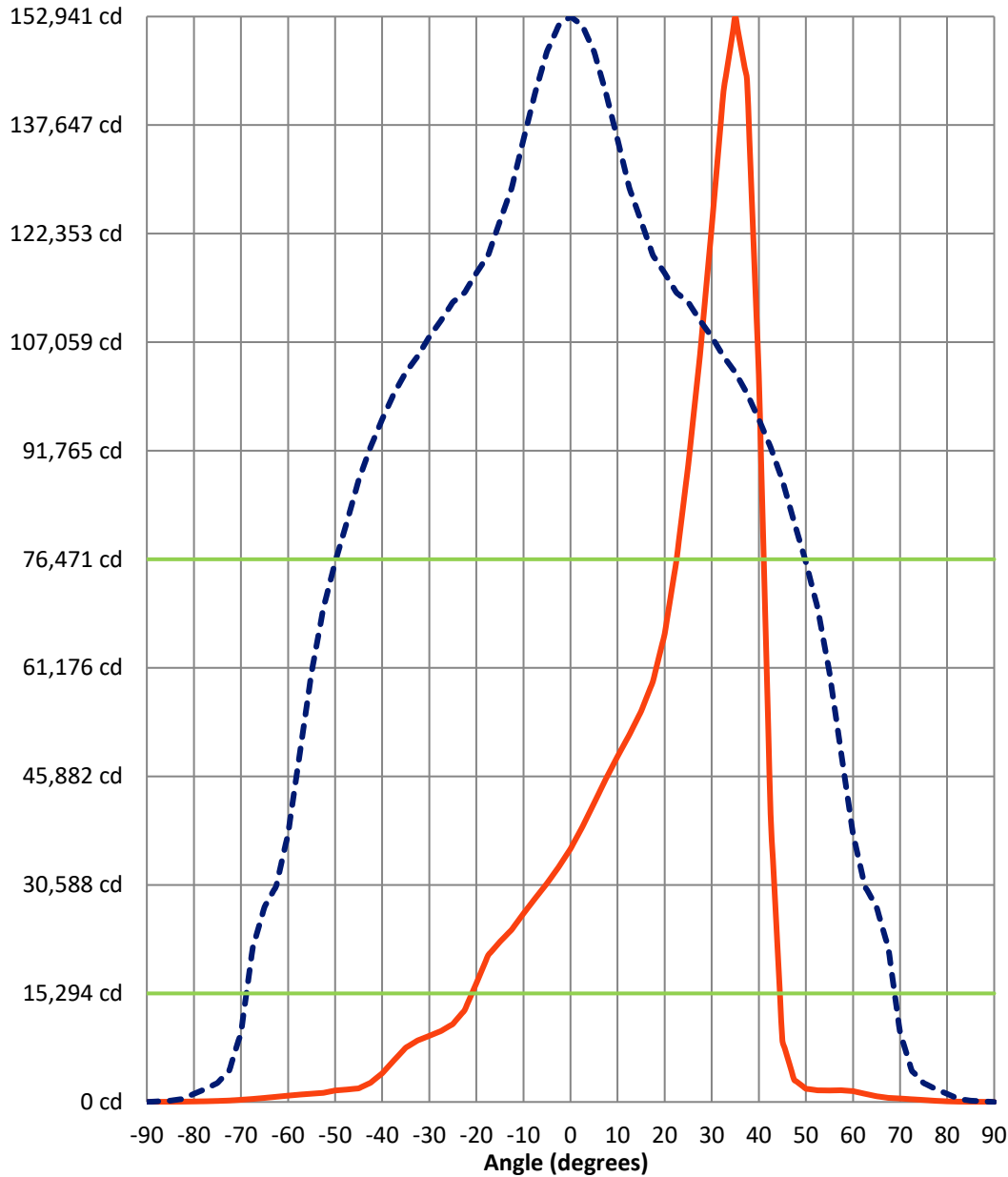
Luminous Intensity Polar Plot



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

REPORT NUMBER: P902071 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-VWB-LO

Luminous Intensity Plot



Beam:
 H Angle: 99.6°
 V Angle: 18.5°
 Lumens: 48107
 Efficiency: 37.5%

Field:
 H Angle: 137.7°
 V Angle: 65.4°
 Lumens: 119106.2
 Efficiency: 92.8%

Spill:
 Lumens: 9273.2
 Efficiency: 7.2%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 35-Deg



REPORT NUMBER: P902071 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-VWB-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	5.0	9.9	14.8	19.7	24.6	29.4	27.4	31.1	26.2	28.8
85°	0.0	9.9	19.8	29.7	39.5	49.2	58.8	55.0	62.2	52.7	58.7
82.5°	0.0	14.8	29.7	44.4	59.1	73.7	88.1	85.2	93.5	94.6	97.7
80°	0.0	19.7	39.5	59.1	78.6	98.0	117.2	119.8	125.4	137.2	143.1
77.5°	0.0	24.6	49.2	73.7	98.0	122.2	146.1	154.4	167.4	194.8	210.7
75°	0.0	29.4	58.8	88.1	117.2	146.1	174.8	212.0	233.7	257.2	287.3
72.5°	0.0	34.2	68.3	102.3	136.2	169.8	237.2	284.1	302.4	354.7	390.4
70°	0.0	38.9	77.7	116.4	154.9	221.0	313.5	358.1	431.9	475.4	511.8
67.5°	0.0	43.5	87.0	130.3	173.4	304.0	392.9	500.8	574.9	636.3	672.6
65°	0.0	48.1	96.0	143.9	221.2	389.7	511.5	660.7	756.8	848.9	863.5
62.5°	0.0	52.5	104.9	157.2	294.1	478.2	672.9	828.6	997.1	1087.4	1118.9
60°	0.0	56.9	113.6	170.3	364.8	588.3	837.0	1054.9	1248.1	1365.5	1456.8
57.5°	0.0	61.1	122.1	185.2	433.1	718.6	1004.0	1282.2	1508.0	1650.7	2076.2
55°	0.0	65.2	130.4	223.9	498.9	844.4	1193.6	1505.4	1776.0	2358.0	2867.2
52.5°	0.0	69.2	138.4	258.5	568.8	965.1	1373.5	1739.8	2062.8	3200.6	4994.2
50°	0.0	73.1	146.1	288.8	665.4	1081.2	1551.6	1971.3	2808.6	4721.8	7646.8
47.5°	0.0	76.8	153.6	314.5	756.6	1225.0	1728.4	2197.8	3537.5	7432.3	10863.1
45°	0.0	80.4	160.8	335.6	837.4	1362.0	1904.6	2570.7	4161.6	9855.4	14619.6
42.5°	0.0	83.9	167.6	352.0	917.2	1491.7	2075.0	3044.8	5814.5	12609.9	18693.2
40°	0.0	87.1	174.2	366.8	995.7	1613.9	2240.9	3471.4	7112.1	16056.5	21483.3
37.5°	0.0	90.2	180.4	379.6	1072.8	1728.3	2410.2	3851.6	8045.2	19137.7	24496.2
35°	0.0	93.2	188.6	419.7	1146.4	1845.1	2683.7	4423.5	9805.4	21731.6	27469.4
32.5°	0.0	95.9	196.5	465.8	1214.0	1964.5	3008.9	5121.1	12153.3	23876.7	29107.6
30°	0.0	98.5	203.0	505.3	1275.8	2084.2	3320.6	5799.8	14142.4	25630.0	30391.7
27.5°	0.0	100.9	209.3	538.3	1317.7	2203.4	3641.0	6412.5	15939.7	27542.3	31229.6
25°	0.0	103.1	215.1	564.9	1355.7	2321.1	3971.5	6959.6	17457.6	28470.5	32254.7
22.5°	0.0	105.1	220.1	585.4	1391.4	2438.7	4304.6	8076.5	18765.6	28497.0	32999.8
20°	0.0	106.9	224.5	599.8	1424.1	2560.2	4701.8	9583.2	20088.3	28509.2	33351.5
17.5°	0.0	108.5	228.2	608.3	1453.4	2679.7	5277.0	10893.9	21268.3	28397.8	33467.5
15°	0.0	109.9	231.2	610.1	1478.6	2837.2	5877.8	12082.6	22080.8	28076.2	33324.0
12.5°	0.0	111.1	233.6	605.4	1500.4	3036.6	6464.1	13168.5	22477.6	27675.1	33022.9
10°	0.0	112.0	235.4	595.0	1518.3	3231.7	7025.7	14076.2	22459.3	26919.8	32419.2
7.5°	0.0	112.8	236.6	579.5	1531.1	3418.6	7552.6	14767.3	22130.7	26049.2	31492.9
5°	0.0	113.3	237.2	559.6	1537.8	3584.3	8025.8	15063.4	21356.2	25017.4	30413.9
2.5°	0.0	113.6	237.2	536.1	1537.5	3722.5	8437.8	15206.2	20345.3	23807.2	29198.6
0°	0.0	113.8	236.7	509.7	1529.0	3827.2	8782.9	15226.8	19222.3	22512.5	27859.6
-2.5°	0.0	113.6	235.6	500.9	1502.0	3966.8	9039.6	14921.2	18226.6	21401.3	26635.9
-5°	0.0	113.3	234.0	490.2	1466.3	4061.1	9225.6	14565.2	17206.6	20201.5	25293.0
-7.5°	0.0	112.8	232.0	477.7	1422.2	4105.0	9343.2	14198.7	16263.1	19065.6	23904.1
-10°	0.0	112.0	229.5	463.7	1369.9	4093.3	9362.2	13788.8	15550.3	17967.8	22448.3
-12.5°	0.0	111.1	226.7	448.2	1310.0	4005.9	9234.5	13386.4	14843.4	16838.3	20925.2
-15°	0.0	109.9	223.4	431.6	1237.7	3837.6	9075.1	13026.4	14035.2	15649.2	19321.4
-17.5°	0.0	108.5	219.7	413.9	1146.6	3677.5	8893.7	12471.9	13070.8	14415.2	17408.3
-20°	0.0	106.9	215.8	396.1	1053.7	3521.0	8555.5	11762.0	12092.3	13024.3	15171.7



REPORT NUMBER: P902071 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-VWB-LO

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	105.1	211.5	380.0	959.9	3306.2	7888.0	11105.2	11116.1	11595.9	13060.9
-25°	0.0	103.1	206.9	363.0	866.5	2874.5	7088.9	10269.3	10164.5	10244.4	11461.5
-27.5°	0.0	100.9	202.0	345.1	774.3	2380.9	6184.8	8906.3	9194.7	9090.6	9960.5
-30°	0.0	98.5	196.9	326.5	683.5	1907.3	5080.2	7439.9	8030.0	7932.3	8450.2
-32.5°	0.0	95.9	190.6	307.3	589.9	1458.4	3695.9	5866.6	6577.4	6633.7	6806.4
-35°	0.0	93.2	183.7	287.5	501.4	1037.8	2445.0	4258.4	4972.2	5209.1	5135.5
-37.5°	0.0	90.2	176.5	270.0	433.0	744.3	1535.6	2910.8	3239.8	3767.1	3757.9
-40°	0.0	87.1	169.4	258.9	398.8	647.9	1077.3	1909.6	2249.1	2445.8	2604.8
-42.5°	0.0	83.9	162.2	246.0	365.0	560.4	806.2	1173.3	1478.3	1659.9	1633.6
-45°	0.0	80.4	155.0	231.5	331.6	482.0	642.7	723.3	925.6	1181.9	1250.3
-47.5°	0.0	76.8	147.6	217.4	298.9	413.1	508.9	585.4	725.1	912.9	979.7
-50°	0.0	73.1	140.2	203.7	269.2	353.6	443.7	514.5	614.0	724.4	789.0
-52.5°	0.0	69.2	132.8	190.3	241.8	322.9	392.3	448.8	514.0	616.3	670.4
-55°	0.0	65.2	125.3	177.4	225.5	294.2	346.3	390.3	454.6	526.2	570.1
-57.5°	0.0	61.1	117.8	164.8	210.8	265.1	307.4	352.2	395.1	445.1	489.6
-60°	0.0	56.9	110.3	154.4	195.1	235.6	274.5	316.8	339.0	387.9	419.9
-62.5°	0.0	52.5	102.8	144.0	178.5	210.4	241.0	281.2	301.4	334.9	360.1
-65°	0.0	48.1	95.2	133.3	161.1	190.0	207.1	241.7	263.5	287.8	300.6
-67.5°	0.0	43.5	87.0	122.4	145.3	171.2	181.4	203.4	227.0	242.1	250.0
-70°	0.0	38.9	77.7	111.3	132.4	153.6	163.2	168.4	192.8	202.9	204.6
-72.5°	0.0	34.2	68.3	100.1	119.8	138.3	144.9	147.2	161.2	171.2	170.4
-75°	0.0	29.4	58.8	88.1	107.4	124.1	126.6	125.9	138.6	144.1	140.5
-77.5°	0.0	24.6	49.2	73.7	95.3	109.7	108.3	104.7	115.9	124.2	117.5
-80°	0.0	19.7	39.5	59.1	78.6	95.2	90.1	83.5	93.0	104.0	97.2
-82.5°	0.0	14.8	29.7	44.4	59.1	73.7	71.3	62.4	69.9	78.2	76.5
-85°	0.0	9.9	19.8	29.7	39.5	49.2	47.3	41.3	46.6	52.2	56.7
-87.5°	0.0	5.0	9.9	14.8	19.7	24.6	23.6	20.6	23.3	26.1	28.8
-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: P902071 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-VWB-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°	31.5	34.1	36.7	26.2	27.7	29.2	30.7	16.3	16.8	17.4	18.0
85°	63.1	68.2	67.3	60.5	55.8	47.9	48.9	32.9	33.5	34.8	36.1
82.5°	95.4	102.2	93.6	101.9	90.2	78.6	74.8	61.8	64.1	68.0	55.8
80°	145.3	147.6	153.5	156.0	137.3	131.6	127.7	116.0	112.0	117.7	110.1
77.5°	211.6	206.6	222.1	230.3	222.8	209.9	209.3	199.5	189.1	177.2	153.0
75°	303.4	303.4	303.9	322.5	328.1	311.7	303.2	301.1	293.0	295.7	273.6
72.5°	404.7	420.6	432.9	440.7	438.8	426.0	419.2	410.2	403.3	432.5	440.9
70°	543.6	555.9	563.2	558.4	548.5	544.2	539.8	524.9	496.9	539.1	585.2
67.5°	695.7	716.0	697.6	702.9	687.4	672.6	673.1	629.2	568.3	607.9	677.1
65°	894.3	900.8	891.9	884.0	873.3	845.5	846.8	800.0	709.6	811.2	925.1
62.5°	1138.4	1145.1	1137.7	1138.3	1112.5	1096.6	1078.2	1050.9	1082.9	1122.1	1131.6
60°	1510.6	1469.1	1451.4	1445.8	1410.9	1394.3	1354.1	1344.4	1348.2	1385.6	1405.4
57.5°	2091.7	1924.2	1850.2	1807.8	1778.6	1749.9	1746.6	1721.6	1733.6	1753.1	1769.4
55°	3078.7	2628.7	2338.6	2286.7	2232.4	2204.4	2216.3	2196.0	2214.9	2229.3	2215.4
52.5°	4541.0	3886.0	3535.8	3183.2	2892.7	2899.2	2833.4	2779.5	2792.7	2777.6	2722.5
50°	7298.5	6349.1	5480.4	4852.9	4480.9	4255.2	3939.7	3954.4	3764.9	3669.1	3509.0
47.5°	10708.1	9642.3	9092.4	8893.2	8328.9	8089.1	8357.1	7931.0	7036.9	6912.6	6220.9
45°	14745.2	14485.7	14952.4	15875.8	17029.1	17596.5	17483.3	16343.4	16692.2	15520.5	13656.6
42.5°	18730.5	19959.0	23195.4	27097.5	30058.2	32028.8	33436.2	34951.0	35608.8	34788.4	34440.8
40°	23091.8	26403.6	32198.0	38797.8	45058.0	49606.0	53144.8	56250.3	59115.5	61156.3	62580.5
37.5°	27172.4	32529.7	41016.9	50648.2	59080.3	64810.0	69808.8	74811.5	79308.4	82550.6	85733.8
35°	30472.1	37817.8	49135.1	60545.5	69561.2	76060.6	81722.5	87621.4	92249.0	96196.2	99825.8
32.5°	33802.5	42869.1	54965.5	67061.2	76435.8	82366.7	87894.7	93602.9	98357.3	102196.5	105118.1
30°	36231.8	46356.3	59748.3	71417.5	79696.0	85060.4	90424.2	94826.8	98367.8	100978.6	102385.0
27.5°	37990.8	49194.0	62029.5	72628.7	79772.4	84346.0	88830.3	92230.3	94582.4	96008.3	96438.6
25°	39786.5	51072.4	63011.1	72162.4	77904.7	82175.3	85709.7	87895.7	89183.8	89540.6	88974.2
22.5°	40891.5	52231.4	62866.9	70882.6	75101.6	78572.6	81085.1	82167.4	82539.7	82083.5	81193.1
20°	41486.9	52367.3	61425.5	67526.6	71238.2	74082.1	75603.9	75938.1	75697.4	74868.9	73729.4
17.5°	41556.3	51259.2	58871.4	63933.6	66946.0	69380.5	70016.6	69847.1	69447.4	68456.2	67541.8
15°	41247.5	49750.2	56203.6	60177.3	62723.2	64589.9	64891.5	64563.7	64152.9	63133.7	62413.5
12.5°	40539.0	47983.8	53597.5	57040.9	58914.7	60319.3	60517.2	60241.5	59883.1	58980.9	58528.9
10°	39511.5	46221.2	51277.8	54072.7	55805.5	56894.2	56870.4	56635.3	56220.8	55367.6	55010.6
7.5°	38308.6	44399.4	48877.5	51400.9	52997.6	53806.3	53661.7	53406.7	52877.0	52010.4	51647.2
5°	36918.7	42561.2	46626.5	48837.4	50230.5	50844.9	50514.6	50146.0	49561.7	48701.4	48282.6
2.5°	35534.0	40830.6	44456.2	46365.1	47521.5	47910.3	47422.7	46893.1	46339.7	45487.4	45035.6
0°	34012.2	39063.5	42335.5	44005.6	44897.6	45070.5	44447.0	43796.3	43200.1	42431.0	41889.5
-2.5°	32567.2	37314.6	40232.9	41640.4	42254.1	42274.9	41625.5	40945.1	40426.0	39648.8	39226.5
-5°	30984.2	35417.3	38041.3	39228.4	39628.2	39572.3	38949.6	38315.2	37868.3	37265.5	36852.9
-7.5°	29179.3	33307.5	35757.4	36771.7	37006.2	36909.3	36395.4	35847.7	35542.2	35078.8	34686.2
-10°	27318.2	31211.8	33441.5	34266.1	34385.5	34309.2	33936.9	33490.6	33310.9	32931.1	32577.4
-12.5°	25536.6	29164.8	31175.4	32150.4	32090.0	31896.1	31728.8	31294.4	31168.9	30823.7	30416.0
-15°	23602.2	26963.3	29219.7	30077.5	30040.6	30073.1	29757.6	29621.7	29431.7	29227.6	28728.9
-17.5°	20983.9	24552.8	26334.0	27233.3	27436.4	27272.0	27281.1	26953.5	26898.4	26792.7	26203.7
-20°	18254.9	21139.9	22653.8	23589.6	23579.0	23450.4	23151.8	22789.3	22528.9	22169.6	21756.6



REPORT NUMBER: P902071 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-VWB-LO

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	15644.0	17612.2	19225.8	19585.5	19896.2	19419.0	19142.8	18729.2	18150.1	17817.8	17392.0
-25°	13291.2	15128.2	16189.2	16855.2	16809.0	16446.6	16134.6	15748.5	15298.0	14967.8	14502.3
-27.5°	11343.5	12851.9	13833.7	14341.3	14435.7	14078.1	13678.9	13371.9	13177.4	12993.9	12685.3
-30°	9451.8	10483.4	11382.6	11852.7	12044.5	11752.0	11322.6	11008.4	10944.7	11033.7	11037.6
-32.5°	7376.8	8021.0	8587.3	9080.3	9290.6	9227.9	8906.7	8544.7	8470.2	8830.9	9299.5
-35°	5278.1	5572.4	5654.8	6113.4	6295.1	6404.9	6159.3	5707.3	5665.2	6071.8	6682.7
-37.5°	3549.7	3615.4	3688.5	3751.6	3646.7	3690.1	3577.3	3353.0	3311.7	3626.8	4077.3
-40°	2490.5	2295.0	2238.9	2228.2	2235.4	2167.9	2092.3	2054.3	2070.9	2194.3	2382.8
-42.5°	1648.8	1614.2	1573.9	1524.5	1513.1	1511.2	1500.8	1549.1	1601.8	1645.9	1706.5
-45°	1187.0	1183.5	1190.6	1185.0	1204.9	1227.2	1253.2	1278.9	1325.1	1339.4	1379.4
-47.5°	965.3	945.8	964.0	985.6	1030.3	1061.9	1083.1	1095.3	1107.2	1151.7	1213.3
-50°	811.7	814.2	828.3	845.6	889.3	916.2	925.2	932.7	952.5	989.6	1043.8
-52.5°	685.3	693.0	713.9	741.7	764.5	783.8	791.0	799.8	818.5	865.4	901.5
-55°	588.3	599.2	614.5	638.0	656.9	667.4	677.6	698.1	711.8	750.2	797.3
-57.5°	499.6	518.2	533.8	535.6	561.7	571.1	584.9	614.5	631.2	670.1	718.3
-60°	426.9	441.8	458.8	467.4	480.9	492.7	508.5	535.3	564.6	598.3	634.7
-62.5°	365.0	376.4	389.1	399.0	408.2	415.7	422.6	441.3	474.5	493.3	511.0
-65°	308.1	316.7	324.2	330.5	335.3	340.6	340.5	340.8	372.7	389.5	401.9
-67.5°	252.9	259.0	264.6	273.8	269.0	277.6	270.6	267.0	289.0	300.6	310.7
-70°	209.6	207.1	215.0	221.7	207.5	210.0	219.1	226.0	217.0	222.1	224.8
-72.5°	171.3	171.7	175.0	180.5	180.9	170.6	176.9	180.1	170.2	169.6	178.4
-75°	138.6	139.8	145.5	147.0	145.2	143.5	146.9	144.6	134.6	135.3	142.9
-77.5°	110.3	113.5	121.5	122.1	110.1	109.2	116.6	118.5	106.7	105.0	108.2
-80°	97.2	99.9	98.4	104.0	94.7	94.7	97.7	93.5	87.3	87.8	90.3
-82.5°	81.1	86.3	74.8	78.1	66.5	69.4	73.9	67.6	68.5	70.4	72.3
-85°	60.2	63.7	61.1	52.6	46.3	47.4	48.9	50.4	51.7	53.0	54.3
-87.5°	31.5	34.1	36.7	26.2	27.7	29.2	30.7	32.2	33.5	34.9	36.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P902071 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-VWB-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°	18.6	19.2	18.2	20.2	20.6	21.0	21.4	21.7	22.0	22.2	22.4
85°	37.3	38.4	21.9	39.7	41.2	42.0	42.7	36.6	36.4	36.4	36.4
82.5°	57.2	57.8	46.5	59.5	68.5	71.5	73.6	58.4	59.0	60.4	61.6
80°	97.2	83.4	84.6	88.5	107.7	113.4	116.3	102.5	102.9	104.8	106.4
77.5°	142.3	133.8	138.4	140.6	150.0	155.3	172.0	164.3	166.3	171.0	177.5
75°	249.0	230.5	228.4	227.7	225.2	230.6	239.4	247.2	254.0	259.8	280.2
72.5°	402.3	365.6	341.0	330.0	327.0	322.5	325.8	333.7	341.7	348.5	377.9
70°	556.3	515.1	476.6	456.4	442.4	429.1	418.0	420.1	429.3	456.1	513.0
67.5°	688.4	682.4	656.0	625.6	595.4	575.6	569.8	571.2	586.6	646.4	707.9
65°	858.5	849.9	848.4	870.3	836.9	828.7	836.4	818.4	829.8	865.1	891.5
62.5°	1002.8	954.3	978.6	1023.2	1070.7	1101.6	1111.4	1097.8	1098.4	1102.9	1124.3
60°	1275.1	1071.5	1083.9	1106.5	1164.4	1228.0	1272.7	1291.7	1309.5	1317.6	1357.6
57.5°	1696.5	1267.1	1224.3	1221.9	1239.9	1286.3	1336.5	1367.4	1416.1	1461.2	1527.5
55°	2151.7	1686.3	1470.4	1409.0	1418.8	1433.1	1457.9	1463.4	1503.9	1568.9	1676.6
52.5°	2629.5	2346.4	1916.0	1758.2	1715.6	1702.6	1694.4	1675.5	1715.4	1835.0	1908.4
50°	3270.9	3259.9	2821.1	2558.7	2383.3	2280.7	2268.2	2152.2	2242.6	2361.2	2329.4
47.5°	5572.2	5642.6	5064.4	4903.4	4059.4	4126.2	4191.9	3890.5	3728.5	3989.2	3465.9
45°	13921.7	13817.0	12661.1	13402.2	11693.4	11656.5	10167.5	10270.5	10014.0	8873.0	8495.6
42.5°	35198.8	34912.1	35139.4	36100.4	34985.2	36242.9	35243.3	35985.0	36826.3	34917.2	37332.9
40°	64286.3	66413.0	68305.2	70341.7	73164.0	74122.1	77462.3	79019.1	83215.9	86272.0	89442.7
37.5°	88888.1	91985.3	94337.3	97476.1	101120.3	102610.2	106908.1	109515.5	115490.6	119419.8	125562.5
35°	102797.3	105061.6	107814.2	110125.6	112686.8	114053.8	116793.5	119315.2	124095.2	128787.9	135592.1
32.5°	106415.7	108604.0	110411.7	111216.5	112351.0	112978.7	113938.4	115685.7	118721.3	122844.7	128148.5
30°	103335.3	104958.2	105716.2	105050.9	104612.6	104694.4	104522.7	105104.3	107241.1	110114.0	113631.3
27.5°	96807.2	97623.0	97020.7	95273.5	94457.2	93886.9	93131.8	93348.1	94476.8	96090.9	98461.8
25°	88879.1	89332.1	87464.1	85806.9	84753.5	83946.9	83075.7	82721.3	83267.2	84264.3	85500.3
22.5°	81055.5	80581.3	78597.0	76945.2	75929.1	75111.8	73995.9	73505.6	73548.7	73847.6	74470.4
20°	73655.8	72863.6	70821.0	69530.6	68704.3	67801.7	66816.5	66126.6	65901.1	65743.5	65546.3
17.5°	67536.9	66457.0	64818.7	63943.2	63362.3	62647.7	61661.7	60923.4	60336.7	59862.2	59438.2
15°	62715.8	61850.5	60627.3	60025.8	59509.4	58785.6	57904.2	57058.4	56381.8	55773.0	55206.7
12.5°	58763.5	58020.3	57175.5	56768.3	56318.2	55552.0	54714.6	53903.0	53207.9	52526.7	52015.9
10°	55362.4	54514.6	53844.0	53499.5	53067.3	52378.4	51584.0	50903.0	50217.7	49601.4	49032.7
7.5°	51956.5	51143.4	50502.7	50107.2	49595.2	48937.8	48315.8	47745.5	47098.9	46496.2	45953.8
5°	48413.2	47674.3	47046.6	46705.5	46210.6	45595.9	45019.7	44472.7	43897.4	43311.7	42744.6
2.5°	45129.4	44394.2	43724.9	43418.5	42940.6	42408.3	41855.9	41300.6	40741.9	40161.0	39589.7
0°	42012.4	41425.3	40792.8	40369.6	39946.4	39413.9	38917.9	38390.0	37840.9	37270.7	36678.9
-2.5°	39418.3	38883.3	38158.6	37775.7	37385.8	36892.6	36371.9	35815.9	35266.1	34662.9	34026.7
-5°	37026.6	36650.0	35938.0	35428.1	35052.3	34557.4	34050.0	33549.4	32970.4	32331.2	31710.6
-7.5°	34813.2	34574.8	33853.8	33334.5	32856.0	32333.4	31799.4	31296.0	30746.5	30121.2	29539.2
-10°	32596.6	32359.0	31549.8	30996.4	30477.8	29919.8	29347.0	28796.6	28321.8	27756.0	27248.1
-12.5°	30202.9	29849.4	29042.3	28498.5	27925.2	27363.3	26697.4	26111.2	25593.9	25152.8	24767.7
-15°	28433.6	28010.5	27102.6	26423.1	25879.8	25199.0	24558.0	23927.2	23474.2	23113.5	22780.0
-17.5°	25850.7	25647.5	24886.0	24171.8	23521.0	22874.8	22317.0	21700.8	21259.0	21009.9	20907.1
-20°	21311.9	21039.8	20412.4	19611.4	18990.5	18472.1	17961.8	17564.4	17207.8	16970.2	16881.0



REPORT NUMBER: P902071 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-VWB-LO

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	16907.6	16587.1	16108.9	15421.6	14839.7	14384.7	14013.0	13584.2	13390.5	13187.1	12994.2
-25°	14093.6	13790.7	13461.9	12838.0	12415.3	12083.5	11717.7	11450.7	11303.7	11136.7	11104.3
-27.5°	12341.3	12081.6	11878.4	11440.4	11071.8	10779.1	10533.0	10375.7	10222.0	10198.6	10117.7
-30°	10889.3	10709.0	10626.1	10355.9	10019.4	9773.2	9596.1	9476.1	9374.6	9340.0	9277.7
-32.5°	9491.5	9406.8	9387.7	9325.2	9039.9	8842.8	8748.9	8681.5	8627.5	8625.6	8647.1
-35°	7216.5	7429.7	7522.1	7599.2	7608.5	7445.8	7454.1	7424.3	7507.2	7485.2	7568.2
-37.5°	4458.0	4816.4	5147.0	5304.1	5283.1	5429.4	5403.6	5495.0	5563.6	5714.1	5761.2
-40°	2635.0	2935.0	3310.5	3507.1	3500.4	3528.4	3446.1	3606.9	3781.0	3915.0	3964.1
-42.5°	1823.1	2025.4	2272.9	2426.0	2317.2	2270.8	2180.3	2282.3	2367.1	2418.2	2510.4
-45°	1456.9	1582.3	1721.7	1807.9	1759.2	1708.3	1717.9	1734.1	1750.5	1785.5	1828.6
-47.5°	1251.5	1336.3	1440.7	1489.6	1471.7	1475.9	1494.3	1520.2	1551.0	1580.1	1604.1
-50°	1106.0	1139.8	1237.2	1292.1	1308.1	1306.8	1329.3	1382.6	1401.4	1454.7	1477.7
-52.5°	934.3	989.2	1070.3	1121.0	1103.1	1126.8	1146.2	1182.6	1221.0	1265.1	1303.2
-55°	838.5	887.9	918.6	951.2	962.1	1001.2	1029.8	1059.0	1091.8	1096.7	1119.3
-57.5°	753.6	807.7	825.5	826.9	830.9	854.7	891.2	942.4	955.2	986.7	1002.3
-60°	687.6	730.0	757.6	779.0	820.5	870.3	921.2	947.2	947.1	939.4	912.9
-62.5°	545.7	596.1	638.5	683.0	748.7	821.3	912.2	913.4	836.9	783.8	738.3
-65°	432.6	439.6	457.7	474.0	514.7	545.2	534.8	498.5	497.1	506.8	513.4
-67.5°	319.1	315.3	325.2	333.3	345.6	353.8	338.9	337.0	350.1	361.6	371.7
-70°	229.1	229.1	222.6	227.3	239.2	245.1	242.0	246.7	253.6	269.0	279.8
-72.5°	179.0	176.3	169.4	172.3	178.6	174.5	175.1	182.0	188.0	193.1	197.3
-75°	138.6	138.5	132.9	132.4	137.7	142.6	146.3	148.2	138.9	139.0	141.4
-77.5°	111.6	113.9	102.7	100.7	102.9	101.6	104.4	107.6	109.9	111.0	112.0
-80°	92.6	82.8	79.6	80.6	82.4	74.2	72.8	72.8	72.8	72.8	71.5
-82.5°	74.1	73.1	72.8	61.5	61.8	63.0	64.1	65.1	65.9	66.6	49.6
-85°	55.5	56.6	57.6	54.7	54.6	42.4	42.7	43.4	43.9	44.4	36.5
-87.5°	36.8	37.4	37.9	38.4	38.8	36.4	36.4	21.8	22.0	22.2	22.4
-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: P902071 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-VWB-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°	22.6	22.7	22.7	22.8	22.7	22.7	22.6	22.4	22.2	22.0	21.7
85°	36.4	36.4	45.4	36.4	45.4	36.4	36.4	36.4	36.4	36.4	36.6
82.5°	62.5	63.2	68.1	50.1	68.1	63.2	62.5	61.6	60.4	59.0	58.4
80°	107.6	108.5	109.0	91.0	109.0	108.5	107.6	106.4	104.8	102.9	102.5
77.5°	201.8	185.4	203.8	168.4	203.8	185.4	201.8	177.5	171.0	166.3	164.3
75°	326.2	308.2	308.9	282.2	308.9	308.2	326.2	280.2	259.8	254.0	247.2
72.5°	435.7	431.0	401.4	382.3	401.4	431.0	435.7	377.9	348.5	341.7	333.7
70°	579.0	564.5	512.3	491.5	512.3	564.5	579.0	513.0	456.1	429.3	420.1
67.5°	728.8	705.6	645.1	582.5	645.1	705.6	728.8	707.9	646.4	586.6	571.2
65°	907.6	903.2	882.7	810.0	882.7	903.2	907.6	891.5	865.1	829.8	818.4
62.5°	1169.5	1214.9	1217.8	1160.4	1217.8	1214.9	1169.5	1124.3	1102.9	1098.4	1097.8
60°	1429.5	1510.6	1528.1	1529.0	1528.1	1510.6	1429.5	1357.6	1317.6	1309.5	1291.7
57.5°	1608.9	1661.5	1667.6	1652.0	1667.6	1661.5	1608.9	1527.5	1461.2	1416.1	1367.4
55°	1724.6	1710.8	1688.0	1620.1	1688.0	1710.8	1724.6	1676.6	1568.9	1503.9	1463.4
52.5°	1870.8	1800.4	1727.4	1642.9	1727.4	1800.4	1870.8	1908.4	1835.0	1715.4	1675.5
50°	2169.2	2057.6	1947.0	1874.9	1947.0	2057.6	2169.2	2329.4	2361.2	2242.6	2152.2
47.5°	3132.1	3181.1	3173.6	3140.0	3173.6	3181.1	3132.1	3465.9	3989.2	3728.5	3890.5
45°	9219.9	9209.4	8936.9	8710.1	8936.9	9209.4	9219.9	8495.6	8873.0	10014.0	10270.5
42.5°	39629.1	40935.3	41095.6	40547.0	41095.6	40935.3	39629.1	37332.9	34917.2	36826.3	35985.0
40°	94102.1	98889.9	101644.7	102464.3	101644.7	98889.9	94102.1	89442.7	86272.0	83215.9	79019.1
37.5°	133594.5	139826.7	142883.1	143948.8	142883.1	139826.7	133594.5	125562.5	119419.8	115490.6	109515.5
35°	142229.1	148008.9	151691.4	152941.0	151691.4	148008.9	142229.1	135592.1	128787.9	124095.2	119315.2
32.5°	133066.4	137965.5	141237.4	142410.7	141237.4	137965.5	133066.4	128148.5	122844.7	118721.3	115685.7
30°	117137.6	120453.5	122517.3	123324.9	122517.3	120453.5	117137.6	113631.3	110114.0	107241.1	105104.3
27.5°	100774.9	102929.3	104535.3	105194.8	104535.3	102929.3	100774.9	98461.8	96090.9	94476.8	93348.1
25°	86676.7	88051.5	89124.4	89704.1	89124.4	88051.5	86676.7	85500.3	84264.3	83267.2	82721.3
22.5°	74886.5	75489.3	75948.9	76288.5	75948.9	75489.3	74886.5	74470.4	73847.6	73548.7	73505.6
20°	65641.0	65715.7	65793.5	65949.2	65793.5	65715.7	65641.0	65546.3	65743.5	65901.1	66126.6
17.5°	59270.6	59003.2	59054.7	59246.0	59054.7	59003.2	59270.6	59438.2	59862.2	60336.7	60923.4
15°	54942.2	54739.7	54807.7	55054.8	54807.7	54739.7	54942.2	55206.7	55773.0	56381.8	57058.4
12.5°	51672.3	51522.0	51559.3	51747.5	51559.3	51522.0	51672.3	52015.9	52526.7	53207.9	53903.0
10°	48663.2	48475.7	48536.1	48706.5	48536.1	48475.7	48663.2	49032.7	49601.4	50217.7	50903.0
7.5°	45564.6	45374.8	45426.9	45509.0	45426.9	45374.8	45564.6	45953.8	46496.2	47098.9	47745.5
5°	42336.7	42104.5	42081.2	42101.1	42081.2	42104.5	42336.7	42744.6	43311.7	43897.4	44472.7
2.5°	39110.2	38843.2	38741.6	38737.6	38741.6	38843.2	39110.2	39589.7	40161.0	40741.9	41300.6
0°	36148.7	35805.2	35676.6	35677.7	35676.6	35805.2	36148.7	36678.9	37270.7	37840.9	38390.0
-2.5°	33496.7	33198.1	33089.5	33123.6	33089.5	33198.1	33496.7	34026.7	34662.9	35266.1	35815.9
-5°	31225.1	30948.5	30814.6	30801.6	30814.6	30948.5	31225.1	31710.6	32331.2	32970.4	33549.4
-7.5°	29112.3	28855.7	28763.2	28696.4	28763.2	28855.7	29112.3	29539.2	30121.2	30746.5	31296.0
-10°	26881.2	26665.5	26607.4	26544.4	26607.4	26665.5	26881.2	27248.1	27756.0	28321.8	28796.6
-12.5°	24510.5	24381.1	24340.5	24280.7	24340.5	24381.1	24510.5	24767.7	25152.8	25593.9	26111.2
-15°	22544.0	22540.3	22605.2	22568.6	22605.2	22540.3	22544.0	22780.0	23113.5	23474.2	23927.2
-17.5°	20645.2	20788.1	20695.4	20664.9	20695.4	20788.1	20645.2	20907.1	21009.9	21259.0	21700.8
-20°	16775.9	16745.4	16769.4	16728.5	16769.4	16745.4	16775.9	16881.0	16970.2	17207.8	17564.4



REPORT NUMBER: P902071 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-VWB-LO

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12966.5	12997.1	12961.0	12924.1	12961.0	12997.1	12966.5	12994.2	13187.1	13390.5	13584.2
-25°	10991.6	11018.1	10986.0	10985.5	10986.0	11018.1	10991.6	11104.3	11136.7	11303.7	11450.7
-27.5°	10077.7	10061.7	10039.4	10002.5	10039.4	10061.7	10077.7	10117.7	10198.6	10222.0	10375.7
-30°	9298.1	9312.7	9297.6	9319.9	9297.6	9312.7	9298.1	9277.7	9340.0	9374.6	9476.1
-32.5°	8607.3	8627.7	8658.3	8660.0	8658.3	8627.7	8607.3	8647.1	8625.6	8627.5	8681.5
-35°	7589.9	7566.9	7601.3	7645.2	7601.3	7566.9	7589.9	7568.2	7485.2	7507.2	7424.3
-37.5°	5747.5	5735.4	5799.2	5865.9	5799.2	5735.4	5747.5	5761.2	5714.1	5563.6	5495.0
-40°	3936.7	3976.4	4003.1	4041.1	4003.1	3976.4	3936.7	3964.1	3915.0	3781.0	3606.9
-42.5°	2527.7	2558.9	2633.0	2703.1	2633.0	2558.9	2527.7	2510.4	2418.2	2367.1	2282.3
-45°	1822.8	1840.7	1882.4	1920.4	1882.4	1840.7	1822.8	1828.6	1785.5	1750.5	1734.1
-47.5°	1623.1	1636.5	1700.7	1752.0	1700.7	1636.5	1623.1	1604.1	1580.1	1551.0	1520.2
-50°	1490.7	1494.5	1530.9	1620.1	1530.9	1494.5	1490.7	1477.7	1454.7	1401.4	1382.6
-52.5°	1322.7	1292.8	1285.9	1287.9	1285.9	1292.8	1322.7	1303.2	1265.1	1221.0	1182.6
-55°	1146.3	1156.7	1162.9	1165.0	1162.9	1156.7	1146.3	1119.3	1096.7	1091.8	1059.0
-57.5°	1000.8	1035.8	1040.6	1042.2	1040.6	1035.8	1000.8	1002.3	986.7	955.2	942.4
-60°	907.5	906.2	892.7	891.9	892.7	906.2	907.5	912.9	939.4	947.1	947.2
-62.5°	711.2	722.6	730.8	732.7	730.8	722.6	711.2	738.3	783.8	836.9	913.4
-65°	530.2	561.5	571.8	573.4	571.8	561.5	530.2	513.4	506.8	497.1	498.5
-67.5°	394.1	419.9	426.6	427.8	426.6	419.9	394.1	371.7	361.6	350.1	337.0
-70°	298.2	305.8	308.5	309.4	308.5	305.8	298.2	279.8	269.0	253.6	246.7
-72.5°	200.5	202.9	204.3	204.8	204.3	202.9	200.5	197.3	193.1	188.0	182.0
-75°	143.2	144.5	145.3	145.6	145.3	144.5	143.2	141.4	139.0	138.9	148.2
-77.5°	99.2	99.2	99.9	100.1	99.9	99.2	99.2	112.0	111.0	109.9	107.6
-80°	72.0	72.5	72.7	72.8	72.7	72.5	72.0	71.5	72.8	72.8	72.8
-82.5°	49.5	49.8	50.0	50.1	50.0	49.8	49.5	49.6	66.6	65.9	65.1
-85°	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.5	44.4	43.9	43.4
-87.5°	22.6	22.7	22.7	22.8	22.7	22.7	22.6	22.4	22.2	22.0	21.8
-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: P902071 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-VWB-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°	21.4	21.0	20.6	20.2	18.2	19.2	18.6	18.0	17.4	16.8	16.3
85°	42.7	42.0	41.2	39.7	21.9	38.4	37.3	36.1	34.8	33.5	32.9
82.5°	73.6	71.5	68.5	59.5	46.5	57.8	57.2	55.8	68.0	64.1	61.8
80°	116.3	113.4	107.7	88.5	84.6	83.4	97.2	110.1	117.7	112.0	116.0
77.5°	172.0	155.3	150.0	140.6	138.4	133.8	142.3	153.0	177.2	189.1	199.5
75°	239.4	230.6	225.2	227.7	228.4	230.5	249.0	273.6	295.7	293.0	301.1
72.5°	325.8	322.5	327.0	330.0	341.0	365.6	402.3	440.9	432.5	403.3	410.2
70°	418.0	429.1	442.4	456.4	476.6	515.1	556.3	585.2	539.1	496.9	524.9
67.5°	569.8	575.6	595.4	625.6	656.0	682.4	688.4	677.1	607.9	568.3	629.2
65°	836.4	828.7	836.9	870.3	848.4	849.9	858.5	925.1	811.2	709.6	800.0
62.5°	1111.4	1101.6	1070.7	1023.2	978.6	954.3	1002.8	1131.6	1122.1	1082.9	1050.9
60°	1272.7	1228.0	1164.4	1106.5	1083.9	1071.5	1275.1	1405.4	1385.6	1348.2	1344.4
57.5°	1336.5	1286.3	1239.9	1221.9	1224.3	1267.1	1696.5	1769.4	1753.1	1733.6	1721.6
55°	1457.9	1433.1	1418.8	1409.0	1470.4	1686.3	2151.7	2215.4	2229.3	2214.9	2196.0
52.5°	1694.4	1702.6	1715.6	1758.2	1916.0	2346.4	2629.5	2722.5	2777.6	2792.7	2779.5
50°	2268.2	2280.7	2383.3	2558.7	2821.1	3259.9	3270.9	3509.0	3669.1	3764.9	3954.4
47.5°	4191.9	4126.2	4059.4	4903.4	5064.4	5642.6	5572.2	6220.9	6912.6	7036.9	7931.0
45°	10167.5	11656.5	11693.4	13402.2	12661.1	13817.0	13921.7	13656.6	15520.5	16692.2	16343.4
42.5°	35243.3	36242.9	34985.2	36100.4	35139.4	34912.1	35198.8	34440.8	34788.4	35608.8	34951.0
40°	77462.3	74122.1	73164.0	70341.7	68305.2	66413.0	64286.3	62580.5	61156.3	59115.5	56250.3
37.5°	106908.1	102610.2	101120.3	97476.1	94337.3	91985.3	88888.1	85733.8	82550.6	79308.4	74811.5
35°	116793.5	114053.8	112686.8	110125.6	107814.2	105061.6	102797.3	99825.8	96196.2	92249.0	87621.4
32.5°	113938.4	112978.7	112351.0	111216.5	110411.7	108604.0	106415.7	105118.1	102196.5	98357.3	93602.9
30°	104522.7	104694.4	104612.6	105050.9	105716.2	104958.2	103335.3	102385.0	100978.6	98367.8	94826.8
27.5°	93131.8	93886.9	94457.2	95273.5	97020.7	97623.0	96807.2	96438.6	96008.3	94582.4	92230.3
25°	83075.7	83946.9	84753.5	85806.9	87464.1	89332.1	88879.1	88974.2	89540.6	89183.8	87895.7
22.5°	73995.9	75111.8	75929.1	76945.2	78597.0	80581.3	81055.5	81193.1	82083.5	82539.7	82167.4
20°	66816.5	67801.7	68704.3	69530.6	70821.0	72863.6	73655.8	73729.4	74868.9	75697.4	75938.1
17.5°	61661.7	62647.7	63362.3	63943.2	64818.7	66457.0	67536.9	67541.8	68456.2	69447.4	69847.1
15°	57904.2	58785.6	59509.4	60025.8	60627.3	61850.5	62715.8	62413.5	63133.7	64152.9	64563.7
12.5°	54714.6	55552.0	56318.2	56768.3	57175.5	58020.3	58763.5	58528.9	58980.9	59883.1	60241.5
10°	51584.0	52378.4	53067.3	53499.5	53844.0	54514.6	55362.4	55010.6	55367.6	56220.8	56635.3
7.5°	48315.8	48937.8	49595.2	50107.2	50502.7	51143.4	51956.5	51647.2	52010.4	52877.0	53406.7
5°	45019.7	45595.9	46210.6	46705.5	47046.6	47674.3	48413.2	48282.6	48701.4	49561.7	50146.0
2.5°	41855.9	42408.3	42940.6	43418.5	43724.9	44394.2	45129.4	45035.6	45487.4	46339.7	46893.1
0°	38917.9	39413.9	39946.4	40369.6	40792.8	41425.3	42012.4	41889.5	42431.0	43200.1	43796.3
-2.5°	36371.9	36892.6	37385.8	37775.7	38158.6	38883.3	39418.3	39226.5	39648.8	40426.0	40945.1
-5°	34050.0	34557.4	35052.3	35428.1	35938.0	36650.0	37026.6	36852.9	37265.5	37868.3	38315.2
-7.5°	31799.4	32333.4	32856.0	33334.5	33853.8	34574.8	34813.2	34686.2	35078.8	35542.2	35847.7
-10°	29347.0	29919.8	30477.8	30996.4	31549.8	32359.0	32596.6	32577.4	32931.1	33310.9	33490.6
-12.5°	26697.4	27363.3	27925.2	28498.5	29042.3	29849.4	30202.9	30416.0	30823.7	31168.9	31294.4
-15°	24558.0	25199.0	25879.8	26423.1	27102.6	28010.5	28433.6	28728.9	29227.6	29431.7	29621.7
-17.5°	22317.0	22874.8	23521.0	24171.8	24886.0	25647.5	25850.7	26203.7	26792.7	26898.4	26953.5
-20°	17961.8	18472.1	18990.5	19611.4	20412.4	21039.8	21311.9	21756.6	22169.6	22528.9	22789.3



REPORT NUMBER: P902071 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-VWB-LO

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	14013.0	14384.7	14839.7	15421.6	16108.9	16587.1	16907.6	17392.0	17817.8	18150.1	18729.2
-25°	11717.7	12083.5	12415.3	12838.0	13461.9	13790.7	14093.6	14502.3	14967.8	15298.0	15748.5
-27.5°	10533.0	10779.1	11071.8	11440.4	11878.4	12081.6	12341.3	12685.3	12993.9	13177.4	13371.9
-30°	9596.1	9773.2	10019.4	10355.9	10626.1	10709.0	10889.3	11037.6	11033.7	10944.7	11008.4
-32.5°	8748.9	8842.8	9039.9	9325.2	9387.7	9406.8	9491.5	9299.5	8830.9	8470.2	8544.7
-35°	7454.1	7445.8	7608.5	7599.2	7522.1	7429.7	7216.5	6682.7	6071.8	5665.2	5707.3
-37.5°	5403.6	5429.4	5283.1	5304.1	5147.0	4816.4	4458.0	4077.3	3626.8	3311.7	3353.0
-40°	3446.1	3528.4	3500.4	3507.1	3310.5	2935.0	2635.0	2382.8	2194.3	2070.9	2054.3
-42.5°	2180.3	2270.8	2317.2	2426.0	2272.9	2025.4	1823.1	1706.5	1645.9	1601.8	1549.1
-45°	1717.9	1708.3	1759.2	1807.9	1721.7	1582.3	1456.9	1379.4	1339.4	1325.1	1278.9
-47.5°	1494.3	1475.9	1471.7	1489.6	1440.7	1336.3	1251.5	1213.3	1151.7	1107.2	1095.3
-50°	1329.3	1306.8	1308.1	1292.1	1237.2	1139.8	1106.0	1043.8	989.6	952.5	932.7
-52.5°	1146.2	1126.8	1103.1	1121.0	1070.3	989.2	934.3	901.5	865.4	818.5	799.8
-55°	1029.8	1001.2	962.1	951.2	918.6	887.9	838.5	797.3	750.2	711.8	698.1
-57.5°	891.2	854.7	830.9	826.9	825.5	807.7	753.6	718.3	670.1	631.2	614.5
-60°	921.2	870.3	820.5	779.0	757.6	730.0	687.6	634.7	598.3	564.6	535.3
-62.5°	912.2	821.3	748.7	683.0	638.5	596.1	545.7	511.0	493.3	474.5	441.3
-65°	534.8	545.2	514.7	474.0	457.7	439.6	432.6	401.9	389.5	372.7	340.8
-67.5°	338.9	353.8	345.6	333.3	325.2	315.3	319.1	310.7	300.6	289.0	267.0
-70°	242.0	245.1	239.2	227.3	222.6	229.1	229.1	224.8	222.1	217.0	226.0
-72.5°	175.1	174.5	178.6	172.3	169.4	176.3	179.0	178.4	169.6	170.2	180.1
-75°	146.3	142.6	137.7	132.4	132.9	138.5	138.6	142.9	135.3	134.6	144.6
-77.5°	104.4	101.6	102.9	100.7	102.7	113.9	111.6	108.2	105.0	106.7	118.5
-80°	72.8	74.2	82.4	80.6	79.6	82.8	92.6	90.3	87.8	87.3	93.5
-82.5°	64.1	63.0	61.8	61.5	72.8	73.1	74.1	72.3	70.4	68.5	67.6
-85°	42.7	42.4	54.6	54.7	57.6	56.6	55.5	54.3	53.0	51.7	50.4
-87.5°	36.4	36.4	38.8	38.4	37.9	37.4	36.8	36.1	34.9	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



REPORT NUMBER: P902071 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-VWB-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°	30.7	29.2	27.7	26.2	36.7	34.1	31.5	28.8	26.2	31.1	27.4
85°	48.9	47.9	55.8	60.5	67.3	68.2	63.1	58.7	52.7	62.2	55.0
82.5°	74.8	78.6	90.2	101.9	93.6	102.2	95.4	97.7	94.6	93.5	85.2
80°	127.7	131.6	137.3	156.0	153.5	147.6	145.3	143.1	137.2	125.4	119.8
77.5°	209.3	209.9	222.8	230.3	222.1	206.6	211.6	210.7	194.8	167.4	154.4
75°	303.2	311.7	328.1	322.5	303.9	303.4	303.4	287.3	257.2	233.7	212.0
72.5°	419.2	426.0	438.8	440.7	432.9	420.6	404.7	390.4	354.7	302.4	284.1
70°	539.8	544.2	548.5	558.4	563.2	555.9	543.6	511.8	475.4	431.9	358.1
67.5°	673.1	672.6	687.4	702.9	697.6	716.0	695.7	672.6	636.3	574.9	500.8
65°	846.8	845.5	873.3	884.0	891.9	900.8	894.3	863.5	848.9	756.8	660.7
62.5°	1078.2	1096.6	1112.5	1138.3	1137.7	1145.1	1138.4	1118.9	1087.4	997.1	828.6
60°	1354.1	1394.3	1410.9	1445.8	1451.4	1469.1	1510.6	1456.8	1365.5	1248.1	1054.9
57.5°	1746.6	1749.9	1778.6	1807.8	1850.2	1924.2	2091.7	2076.2	1650.7	1508.0	1282.2
55°	2216.3	2204.4	2232.4	2286.7	2338.6	2628.7	3078.7	2867.2	2358.0	1776.0	1505.4
52.5°	2833.4	2899.2	2892.7	3183.2	3535.8	3886.0	4541.0	4994.2	3200.6	2062.8	1739.8
50°	3939.7	4255.2	4480.9	4852.9	5480.4	6349.1	7298.5	7646.8	4721.8	2808.6	1971.3
47.5°	8357.1	8089.1	8328.9	8893.2	9092.4	9642.3	10708.1	10863.1	7432.3	3537.5	2197.8
45°	17483.3	17596.5	17029.1	15875.8	14952.4	14485.7	14745.2	14619.6	9855.4	4161.6	2570.7
42.5°	33436.2	32028.8	30058.2	27097.5	23195.4	19959.0	18730.5	18693.2	12609.9	5814.5	3044.8
40°	53144.8	49606.0	45058.0	38797.8	32198.0	26403.6	23091.8	21483.3	16056.5	7112.1	3471.4
37.5°	69808.8	64810.0	59080.3	50648.2	41016.9	32529.7	27172.4	24496.2	19137.7	8045.2	3851.6
35°	81722.5	76060.6	69561.2	60545.5	49135.1	37817.8	30472.1	27469.4	21731.6	9805.4	4423.5
32.5°	87894.7	82366.7	76435.8	67061.2	54965.5	42869.1	33802.5	29107.6	23876.7	12153.3	5121.1
30°	90424.2	85060.4	79696.0	71417.5	59748.3	46356.3	36231.8	30391.7	25630.0	14142.4	5799.8
27.5°	88830.3	84346.0	79772.4	72628.7	62029.5	49194.0	37990.8	31229.6	27542.3	15939.7	6412.5
25°	85709.7	82175.3	77904.7	72162.4	63011.1	51072.4	39786.5	32254.7	28470.5	17457.6	6959.6
22.5°	81085.1	78572.6	75010.6	70882.6	62866.9	52231.4	40891.5	32999.8	28497.0	18765.6	8076.5
20°	75603.9	74082.1	71238.2	67526.6	61425.5	52367.3	41486.9	33351.5	28509.2	20088.3	9583.2
17.5°	70016.6	69380.5	66946.0	63933.6	58871.4	51259.2	41556.3	33467.5	28397.8	21268.3	10893.9
15°	64891.5	64589.9	62723.2	60177.3	56203.6	49750.2	41247.5	33324.0	28076.2	22080.8	12082.6
12.5°	60517.2	60319.3	58914.7	57040.9	53597.5	47983.8	40539.0	33022.9	27675.1	22477.6	13168.5
10°	56870.4	56894.2	55805.5	54072.7	51277.8	46221.2	39511.5	32419.2	26919.8	22459.3	14076.2
7.5°	53661.7	53806.3	52997.6	51400.9	48877.5	44399.4	38308.6	31492.9	26049.2	22130.7	14767.3
5°	50514.6	50844.9	50230.5	48837.4	46626.5	42561.2	36918.7	30413.9	25017.4	21356.2	15063.4
2.5°	47422.7	47910.3	47521.5	46365.1	44456.2	40830.6	35534.0	29198.6	23807.2	20345.3	15206.2
0°	44447.0	45070.5	44897.6	44005.6	42335.5	39063.5	34012.2	27859.6	22512.5	19222.3	15226.8
-2.5°	41625.5	42274.9	42254.1	41640.4	40232.9	37314.6	32567.2	26635.9	21401.3	18226.6	14921.2
-5°	38949.6	39572.3	39628.2	39228.4	38041.3	35417.3	30984.2	25293.0	20201.5	17206.6	14565.2
-7.5°	36395.4	36909.3	37006.2	36771.7	35757.4	33307.5	29179.3	23904.1	19065.6	16263.1	14198.7
-10°	33936.9	34309.2	34385.5	34266.1	33441.5	31211.8	27318.2	22448.3	17967.8	15550.3	13788.8
-12.5°	31728.8	31896.1	32090.0	32150.4	31175.4	29164.8	25536.6	20925.2	16838.3	14843.4	13386.4
-15°	29757.6	30073.1	30040.6	30077.5	29219.7	26963.3	23602.2	19321.4	15649.2	14035.2	13026.4
-17.5°	27281.1	27272.0	27436.4	27233.3	26334.0	24552.8	20983.9	17408.3	14415.2	13070.8	12471.9
-20°	23151.8	23450.4	23579.0	23589.6	22653.8	21139.9	18254.9	15171.7	13024.3	12092.3	11762.0



REPORT NUMBER: P902071 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-VWB-LO

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	19142.8	19419.0	19896.2	19585.5	19225.8	17612.2	15644.0	13060.9	11595.9	11116.1	11105.2
-25°	16134.6	16446.6	16809.0	16855.2	16189.2	15128.2	13291.2	11461.5	10244.4	10164.5	10269.3
-27.5°	13678.9	14078.1	14435.7	14341.3	13833.7	12851.9	11343.5	9960.5	9090.6	9194.7	8906.3
-30°	11322.6	11752.0	12044.5	11852.7	11382.6	10483.4	9451.8	8450.2	7932.3	8030.0	7439.9
-32.5°	8906.7	9227.9	9290.6	9080.3	8587.3	8021.0	7376.8	6806.4	6633.7	6577.4	5866.6
-35°	6159.3	6404.9	6295.1	6113.4	5654.8	5572.4	5278.1	5135.5	5209.1	4972.2	4258.4
-37.5°	3577.3	3690.1	3646.7	3751.6	3688.5	3615.4	3549.7	3757.9	3767.1	3239.8	2910.8
-40°	2092.3	2167.9	2235.4	2228.2	2238.9	2295.0	2490.5	2604.8	2445.8	2249.1	1909.6
-42.5°	1500.8	1511.2	1513.1	1524.5	1573.9	1614.2	1648.8	1633.6	1659.9	1478.3	1173.3
-45°	1253.2	1227.2	1204.9	1185.0	1190.6	1183.5	1187.0	1250.3	1181.9	925.6	723.3
-47.5°	1083.1	1061.9	1030.3	985.6	964.0	945.8	965.3	979.7	912.9	725.1	585.4
-50°	925.2	916.2	889.3	845.6	828.3	814.2	811.7	789.0	724.4	614.0	514.5
-52.5°	791.0	783.8	764.5	741.7	713.9	693.0	685.3	670.4	616.3	514.0	448.8
-55°	677.6	667.4	656.9	638.0	614.5	599.2	588.3	570.1	526.2	454.6	390.3
-57.5°	584.9	571.1	561.7	535.6	533.8	518.2	499.6	489.6	445.1	395.1	352.2
-60°	508.5	492.7	480.9	467.4	458.8	441.8	426.9	419.9	387.9	339.0	316.8
-62.5°	422.6	415.7	408.2	399.0	389.1	376.4	365.0	360.1	334.9	301.4	281.2
-65°	340.5	340.6	335.3	330.5	324.2	316.7	308.1	300.6	287.8	263.5	241.7
-67.5°	270.6	277.6	269.0	273.8	264.6	259.0	252.9	250.0	242.1	227.0	203.4
-70°	219.1	210.0	207.5	221.7	215.0	207.1	209.6	204.6	202.9	192.8	168.4
-72.5°	176.9	170.6	180.9	180.5	175.0	171.7	171.3	170.4	171.2	161.2	147.2
-75°	146.9	143.5	145.2	147.0	145.5	139.8	138.6	140.5	144.1	138.6	125.9
-77.5°	116.6	109.2	110.1	122.1	121.5	113.5	110.3	117.5	124.2	115.9	104.7
-80°	97.7	94.7	94.7	104.0	98.4	99.9	97.2	97.2	104.0	93.0	83.5
-82.5°	73.9	69.4	66.5	78.1	74.8	86.3	81.1	76.5	78.2	69.9	62.4
-85°	48.9	47.4	46.3	52.6	61.1	63.7	60.2	56.7	52.2	46.6	41.3
-87.5°	30.7	29.2	27.7	26.2	36.7	34.1	31.5	28.8	26.1	23.3	20.6
-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: P902071 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-VWB-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°	29.4	24.6	19.7	14.8	9.9	5.0	0.0
85°	58.8	49.2	39.5	29.7	19.8	9.9	0.0
82.5°	88.1	73.7	59.1	44.4	29.7	14.8	0.0
80°	117.2	98.0	78.6	59.1	39.5	19.7	0.0
77.5°	146.1	122.2	98.0	73.7	49.2	24.6	0.0
75°	174.8	146.1	117.2	88.1	58.8	29.4	0.0
72.5°	237.2	169.8	136.2	102.3	68.3	34.2	0.0
70°	313.5	221.0	154.9	116.4	77.7	38.9	0.0
67.5°	392.9	304.0	173.4	130.3	87.0	43.5	0.0
65°	511.5	389.7	221.2	143.9	96.0	48.1	0.0
62.5°	672.9	478.2	294.1	157.2	104.9	52.5	0.0
60°	837.0	588.3	364.8	170.3	113.6	56.9	0.0
57.5°	1004.0	718.6	433.1	185.2	122.1	61.1	0.0
55°	1193.6	844.4	498.9	223.9	130.4	65.2	0.0
52.5°	1373.5	965.1	568.8	258.5	138.4	69.2	0.0
50°	1551.6	1081.2	665.4	288.8	146.1	73.1	0.0
47.5°	1728.4	1225.0	756.6	314.5	153.6	76.8	0.0
45°	1904.6	1362.0	837.4	335.6	160.8	80.4	0.0
42.5°	2075.0	1491.7	917.2	352.0	167.6	83.9	0.0
40°	2240.9	1613.9	995.7	366.8	174.2	87.1	0.0
37.5°	2410.2	1728.3	1072.8	379.6	180.4	90.2	0.0
35°	2683.7	1845.1	1146.4	419.7	188.6	93.2	0.0
32.5°	3008.9	1964.5	1214.0	465.8	196.5	95.9	0.0
30°	3320.6	2084.2	1275.8	505.3	203.0	98.5	0.0
27.5°	3641.0	2203.4	1317.7	538.3	209.3	100.9	0.0
25°	3971.5	2321.1	1355.7	564.9	215.1	103.1	0.0
22.5°	4304.6	2438.7	1391.4	585.4	220.1	105.1	0.0
20°	4701.8	2560.2	1424.1	599.8	224.5	106.9	0.0
17.5°	5277.0	2679.7	1453.4	608.3	228.2	108.5	0.0
15°	5877.8	2837.2	1478.6	610.1	231.2	109.9	0.0
12.5°	6464.1	3036.6	1500.4	605.4	233.6	111.1	0.0
10°	7025.7	3231.7	1518.3	595.0	235.4	112.0	0.0
7.5°	7552.6	3418.6	1531.1	579.5	236.6	112.8	0.0
5°	8025.8	3584.3	1537.8	559.6	237.2	113.3	0.0
2.5°	8437.8	3722.5	1537.5	536.1	237.2	113.6	0.0
0°	8782.9	3827.2	1529.0	509.7	236.7	113.8	0.0
-2.5°	9039.6	3966.8	1502.0	500.9	235.6	113.6	0.0
-5°	9225.6	4061.1	1466.3	490.2	234.0	113.3	0.0
-7.5°	9343.2	4105.0	1422.2	477.7	232.0	112.8	0.0
-10°	9362.2	4093.3	1369.9	463.7	229.5	112.0	0.0
-12.5°	9234.5	4005.9	1310.0	448.2	226.7	111.1	0.0
-15°	9075.1	3837.6	1237.7	431.6	223.4	109.9	0.0
-17.5°	8893.7	3677.5	1146.6	413.9	219.7	108.5	0.0
-20°	8555.5	3521.0	1053.7	396.1	215.8	106.9	0.0



REPORT NUMBER: P902071 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-VWB-LO

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	7888.0	3306.2	959.9	380.0	211.5	105.1	0.0
-25°	7088.9	2874.5	866.5	363.0	206.9	103.1	0.0
-27.5°	6184.8	2380.9	774.3	345.1	202.0	100.9	0.0
-30°	5080.2	1907.3	683.5	326.5	196.9	98.5	0.0
-32.5°	3695.9	1458.4	589.9	307.3	190.6	95.9	0.0
-35°	2445.0	1037.8	501.4	287.5	183.7	93.2	0.0
-37.5°	1535.6	744.3	433.0	270.0	176.5	90.2	0.0
-40°	1077.3	647.9	398.8	258.9	169.4	87.1	0.0
-42.5°	806.2	560.4	365.0	246.0	162.2	83.9	0.0
-45°	642.7	482.0	331.6	231.5	155.0	80.4	0.0
-47.5°	508.9	413.1	298.9	217.4	147.6	76.8	0.0
-50°	443.7	353.6	269.2	203.7	140.2	73.1	0.0
-52.5°	392.3	322.9	241.8	190.3	132.8	69.2	0.0
-55°	346.3	294.2	225.5	177.4	125.3	65.2	0.0
-57.5°	307.4	265.1	210.8	164.8	117.8	61.1	0.0
-60°	274.5	235.6	195.1	154.4	110.3	56.9	0.0
-62.5°	241.0	210.4	178.5	144.0	102.8	52.5	0.0
-65°	207.1	190.0	161.1	133.3	95.2	48.1	0.0
-67.5°	181.4	171.2	145.3	122.4	87.0	43.5	0.0
-70°	163.2	153.6	132.4	111.3	77.7	38.9	0.0
-72.5°	144.9	138.3	119.8	100.1	68.3	34.2	0.0
-75°	126.6	124.1	107.4	88.1	58.8	29.4	0.0
-77.5°	108.3	109.7	95.3	73.7	49.2	24.6	0.0
-80°	90.1	95.2	78.6	59.1	39.5	19.7	0.0
-82.5°	71.3	73.7	59.1	44.4	29.7	14.8	0.0
-85°	47.3	49.2	39.5	29.7	19.8	9.9	0.0
-87.5°	23.6	24.6	19.7	14.8	9.9	5.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)