

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: P902094 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-AV-03-1360S-57-85-A55-NB**

Issue Date: 11/13/2024

Test Information

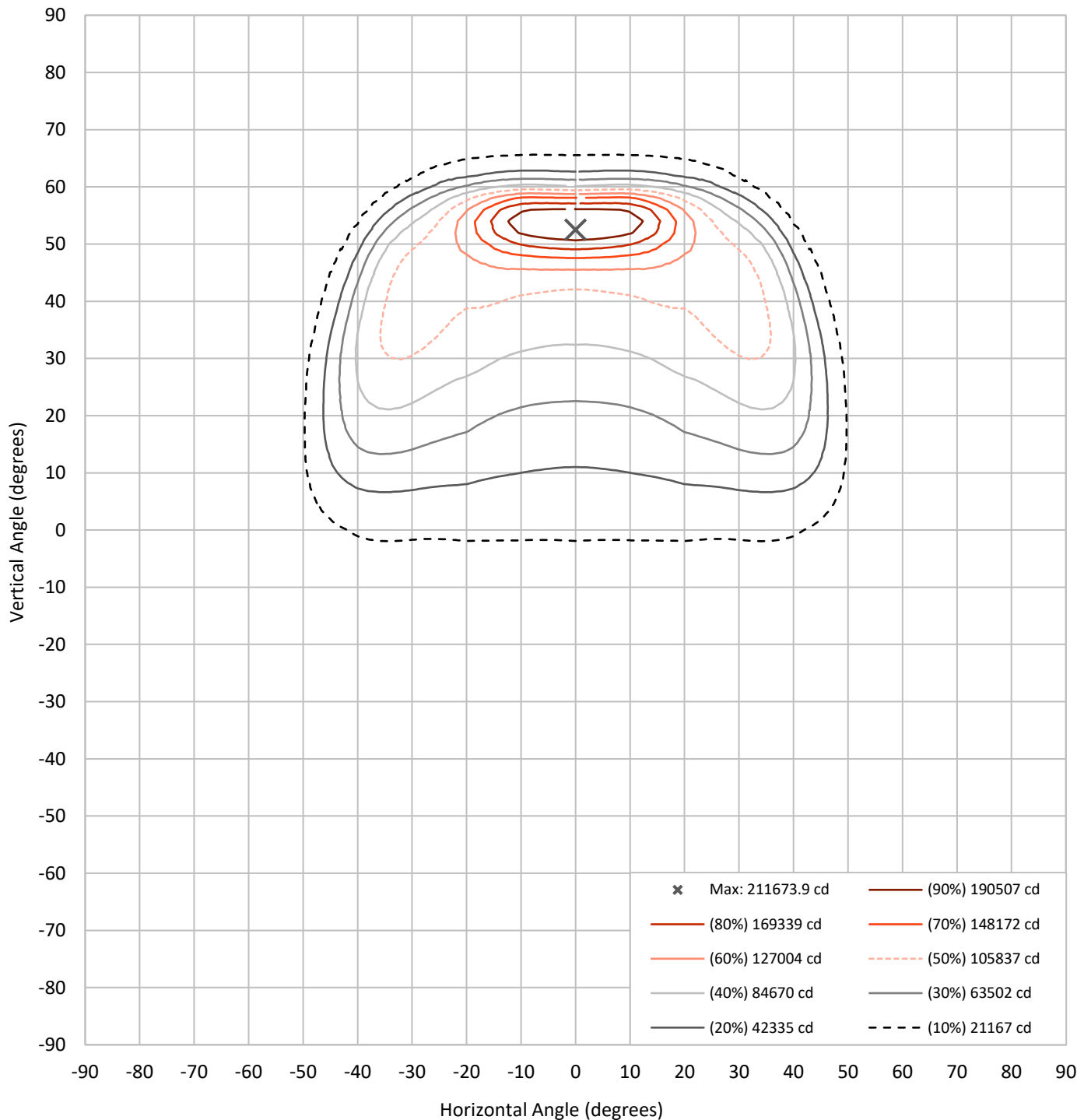
Test Method: LM-79-08
Report Number: P902094 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (LVA2111038)
Test Lab: INNOVATION CENTER
Issue Date: 11/13/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-AV-03-1360S-57-85-A55-NB
Description: ARENAVISION LUMINAIRE
5700K, 85 CRI LEDS AND A55-NB OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	156482.8 lumens	Max Intensity:	211673.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 52.5°V
Efficacy:	110.7 lumens/watt		
Luminous Opening:	Rectangular (W 2m x L: 2m x H: 0m)		
Beam Angle (50%):	53.1°H x 17.3°V	Field Angle (10%):	81.7°H x 67.2°V
Beam Lumens:	50117.4 lumens	Field Lumens:	126355.1 lumens
Beam Efficiency:	32.0%	Field Efficiency:	80.7%
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: P902094 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB

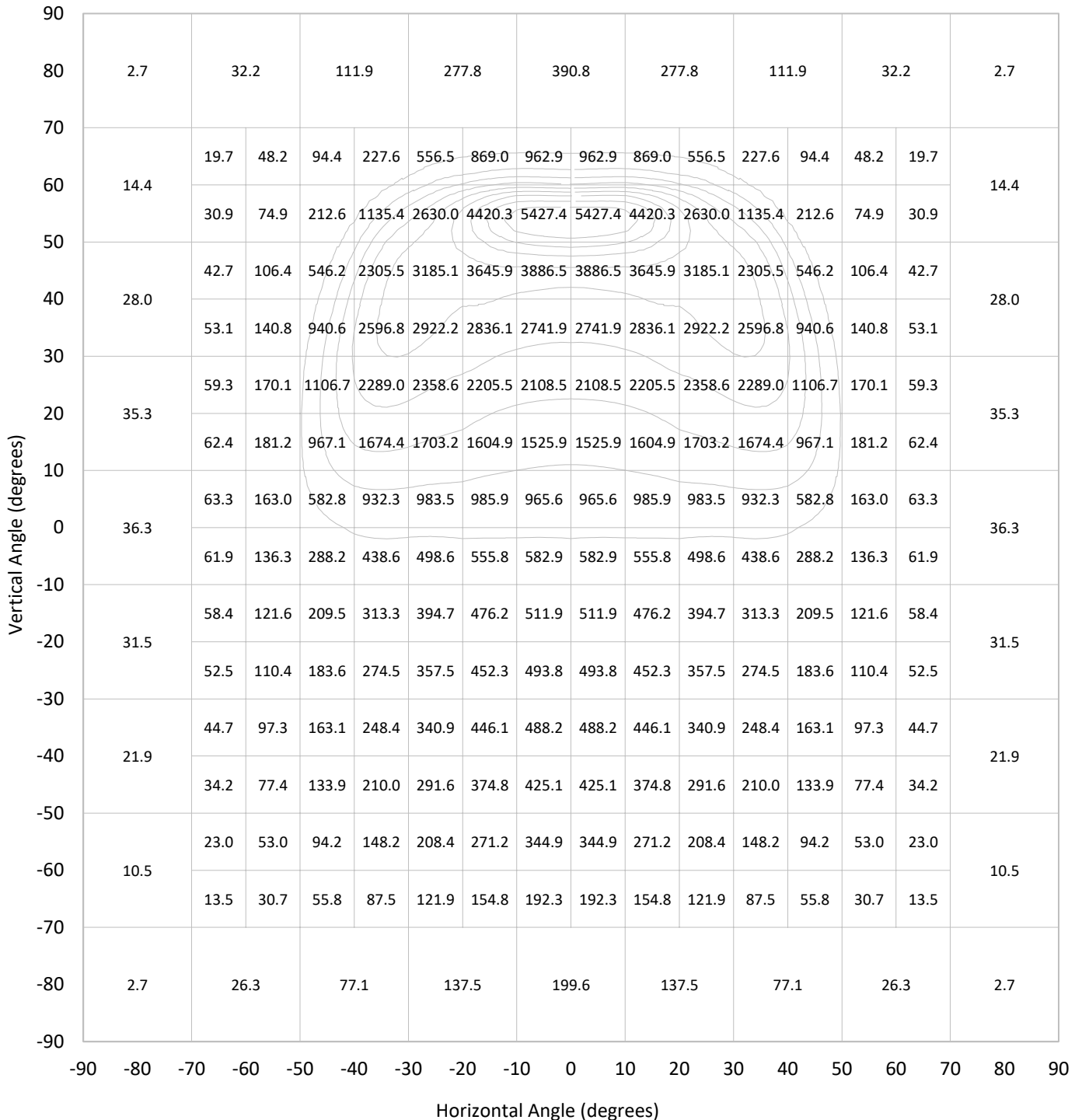
Iso-Candela Plot





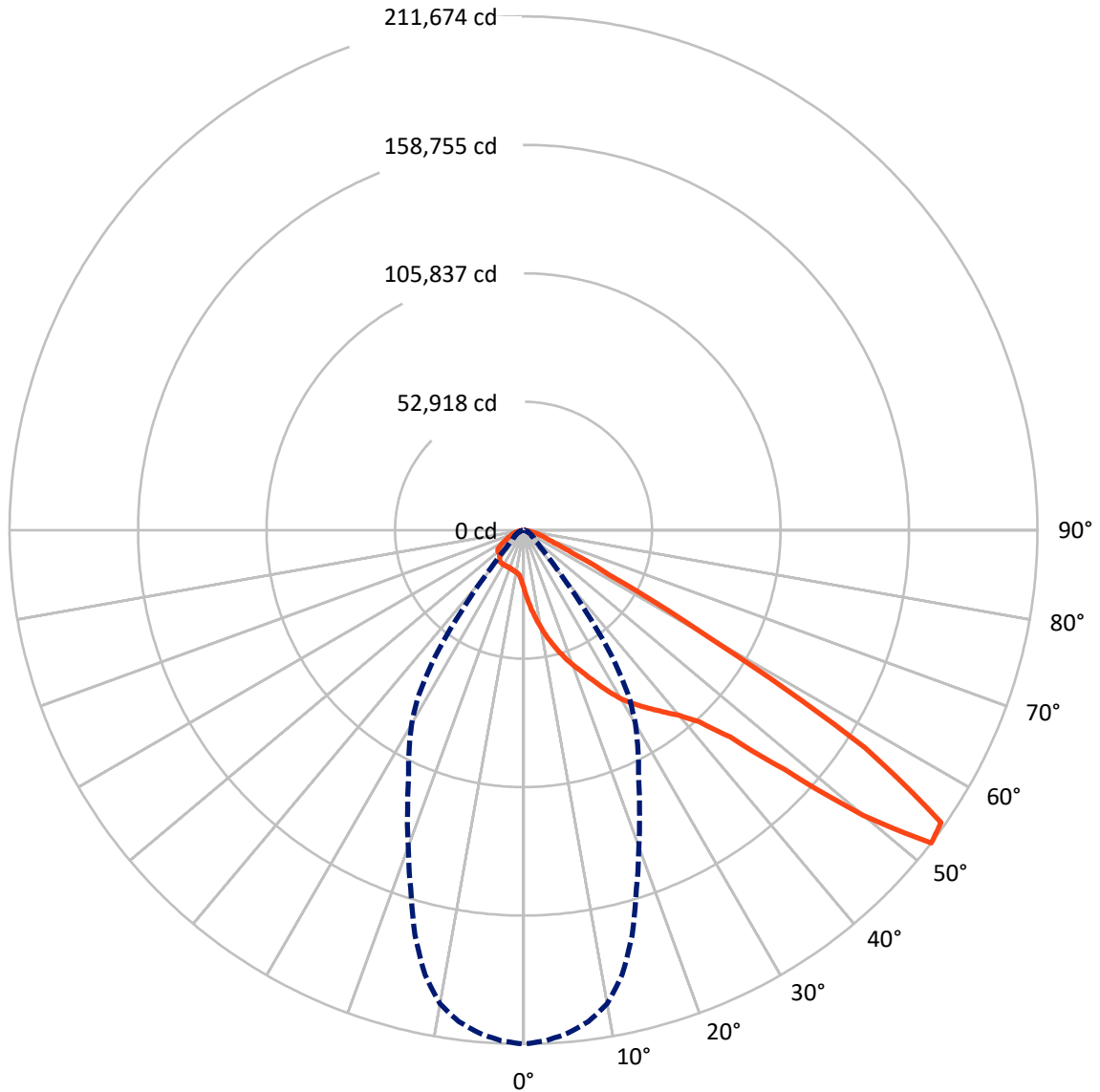
REPORT NUMBER: P902094 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB

Lumen Table



REPORT NUMBER: P902094 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB

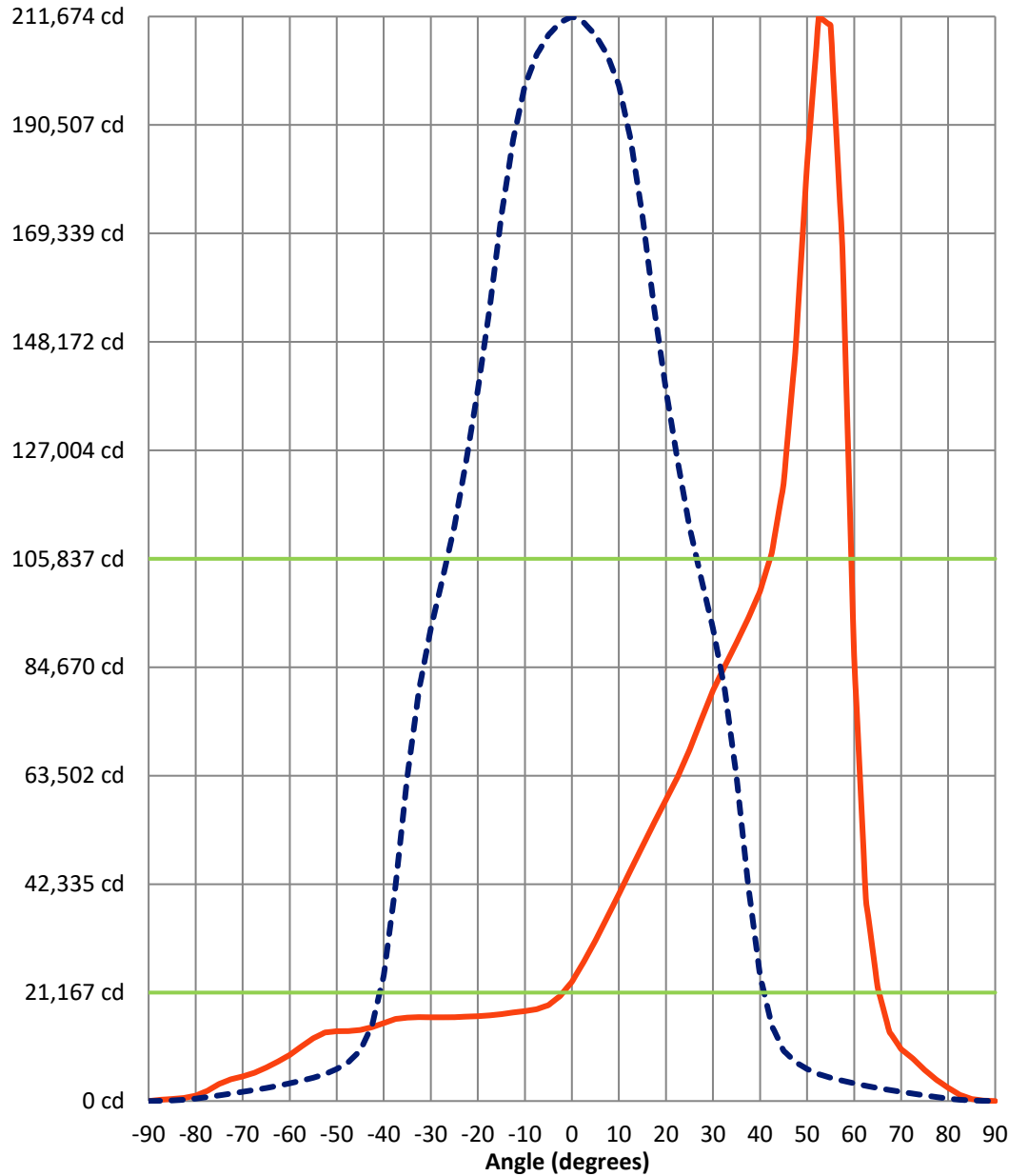
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 52.5-Deg

REPORT NUMBER: P902094 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB

Luminous Intensity Plot



Beam:
 H Angle: 53.1°
 V Angle: 17.3°
 Lumens: 50117.4
 Efficiency: 32.0%

Field:
 H Angle: 81.7°
 V Angle: 67.2°
 Lumens: 126355.1
 Efficiency: 80.7%

Spill:
 Lumens: 30127.6
 Efficiency: 19.3%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 52.5-Deg



REPORT NUMBER: P902094 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB

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	3.5	6.9	10.7	14.2	17.7	21.2	24.6	26.5	28.7	31.7
85°	0.0	6.9	13.9	21.3	28.4	35.4	42.3	49.2	53.0	57.5	68.8
82.5°	0.0	10.4	20.8	31.9	42.5	53.0	63.4	86.6	109.8	131.9	151.2
80°	0.0	13.8	27.6	42.5	56.6	78.0	113.8	149.4	182.1	210.9	250.4
77.5°	0.0	17.2	34.4	52.9	77.2	120.8	167.0	211.8	272.1	347.2	415.6
75°	0.0	20.6	41.2	63.2	108.9	163.0	219.4	305.5	404.6	496.9	596.8
72.5°	0.0	23.9	47.8	81.5	139.8	204.5	300.8	415.8	534.9	671.7	819.2
70°	0.0	27.2	54.4	101.3	169.8	260.4	390.7	524.1	688.1	855.6	1041.4
67.5°	0.0	30.5	60.9	120.6	198.8	331.8	478.6	652.8	842.0	1043.1	1269.4
65°	0.0	33.6	69.8	139.1	239.6	401.5	575.0	781.8	999.8	1235.3	1488.6
62.5°	0.0	36.8	80.4	156.8	290.4	469.4	680.9	907.1	1164.4	1421.2	1696.8
60°	0.0	39.8	90.6	173.7	339.0	543.8	783.8	1046.7	1324.5	1603.1	1901.6
57.5°	0.0	42.8	100.5	190.9	385.3	626.0	883.7	1183.2	1485.9	1783.4	2106.7
55°	0.0	45.7	109.8	221.3	429.2	705.4	995.7	1315.2	1645.2	1972.6	2308.1
52.5°	0.0	48.5	118.8	249.9	473.2	781.5	1102.9	1449.5	1801.1	2161.5	2538.5
50°	0.0	51.2	127.2	276.6	526.1	849.0	1205.0	1579.9	1966.4	2354.8	2767.0
47.5°	0.0	53.8	135.1	301.3	575.2	921.8	1302.6	1705.3	2127.6	2556.3	3004.5
45°	0.0	56.3	142.5	324.1	619.5	989.3	1399.5	1829.4	2275.7	2751.4	3234.6
42.5°	0.0	58.7	149.3	344.8	659.9	1051.3	1489.8	1943.5	2430.6	2944.2	3455.4
40°	0.0	61.0	155.6	363.5	696.4	1107.7	1567.8	2047.5	2576.0	3129.0	3678.7
37.5°	0.0	63.2	161.3	380.3	728.8	1158.5	1631.7	2142.2	2711.2	3288.2	3885.3
35°	0.0	65.9	170.6	400.9	762.1	1205.1	1692.2	2232.5	2819.1	3438.8	4069.6
32.5°	0.0	68.6	180.4	421.5	793.9	1246.9	1748.4	2310.4	2916.3	3578.5	4207.8
30°	0.0	71.1	189.1	439.5	821.9	1283.4	1797.8	2376.4	2999.7	3677.8	4324.8
27.5°	0.0	73.4	197.3	455.0	847.0	1314.6	1842.0	2434.5	3072.2	3761.8	4418.6
25°	0.0	75.5	204.7	468.0	868.6	1340.3	1880.1	2484.4	3136.9	3829.0	4501.9
22.5°	0.0	77.4	211.0	478.4	886.4	1361.8	1911.5	2530.8	3198.4	3897.4	4572.1
20°	0.0	79.1	216.5	486.4	900.5	1381.1	1938.1	2571.6	3251.3	3956.5	4645.2
17.5°	0.0	80.5	220.9	494.0	910.9	1395.7	1964.3	2603.4	3293.7	4005.9	4707.7
15°	0.0	81.8	224.5	500.1	917.6	1407.4	1985.0	2628.4	3324.1	4046.3	4761.2
12.5°	0.0	82.8	227.1	503.9	923.7	1416.0	1998.3	2647.3	3346.7	4076.8	4803.9
10°	0.0	83.6	228.9	505.6	927.5	1422.5	2004.3	2657.0	3361.2	4103.8	4832.4
7.5°	0.0	84.2	229.8	505.1	927.7	1426.4	2009.3	2659.2	3364.0	4119.2	4848.9
5°	0.0	84.6	229.8	502.6	924.4	1424.8	2009.1	2659.9	3364.8	4127.1	4851.9
2.5°	0.0	84.7	229.0	498.1	917.6	1417.9	2001.6	2651.4	3357.3	4129.2	4851.2
0°	0.0	84.7	227.4	491.8	907.3	1405.6	1986.8	2633.7	3338.4	4117.9	4836.1
-2.5°	0.0	84.8	227.2	490.2	902.4	1397.9	1974.6	2617.3	3323.4	4105.4	4813.6
-5°	0.0	84.6	226.3	486.9	894.2	1385.0	1955.3	2591.9	3296.8	4079.9	4777.9
-7.5°	0.0	84.3	224.6	481.9	882.7	1366.9	1928.9	2557.6	3259.2	4041.5	4735.5
-10°	0.0	83.8	222.1	475.2	868.0	1343.8	1896.7	2517.5	3212.3	3990.2	4681.6
-12.5°	0.0	83.0	219.0	466.9	850.2	1317.8	1861.0	2469.6	3153.3	3923.1	4611.1
-15°	0.0	82.1	215.1	457.0	830.5	1289.8	1818.7	2413.4	3083.3	3832.1	4525.8
-17.5°	0.0	80.9	210.4	445.5	811.0	1259.2	1770.2	2351.4	3003.5	3729.3	4420.6
-20°	0.0	79.6	205.1	433.0	788.4	1226.0	1716.9	2283.1	2913.0	3619.6	4299.7



REPORT NUMBER: P902094 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	78.1	199.1	420.7	762.8	1188.6	1665.0	2206.9	2818.5	3504.2	4169.5
-25°	0.0	76.4	192.4	406.8	734.3	1148.8	1610.4	2128.7	2720.5	3381.8	4042.0
-27.5°	0.0	74.5	185.0	391.4	703.0	1105.6	1551.0	2054.3	2624.0	3259.9	3905.2
-30°	0.0	72.5	176.9	374.5	669.0	1058.6	1487.6	1972.2	2521.7	3131.5	3755.6
-32.5°	0.0	70.2	169.0	356.3	633.2	1007.9	1421.2	1882.7	2412.6	2993.5	3595.1
-35°	0.0	67.8	160.4	336.6	594.5	953.6	1349.8	1786.6	2294.7	2841.8	3422.6
-37.5°	0.0	65.4	152.4	317.7	557.5	897.8	1276.0	1690.2	2172.9	2686.8	3233.7
-40°	0.0	63.3	147.4	302.9	527.9	842.4	1201.9	1594.9	2041.0	2527.4	3032.8
-42.5°	0.0	61.0	141.9	287.1	496.6	783.7	1122.7	1492.7	1900.2	2350.3	2819.3
-45°	0.0	58.6	136.0	270.5	463.6	721.8	1038.4	1383.4	1751.1	2168.0	2598.4
-47.5°	0.0	56.1	129.7	253.0	428.9	656.9	949.7	1271.6	1616.1	1985.2	2373.2
-50°	0.0	53.4	123.0	234.5	392.8	589.2	866.1	1161.8	1472.7	1795.6	2147.2
-52.5°	0.0	50.7	115.9	215.1	355.3	542.7	781.3	1048.8	1325.6	1621.5	1935.5
-55°	0.0	47.8	108.5	194.9	326.1	494.6	694.1	934.3	1192.8	1455.5	1725.3
-57.5°	0.0	44.9	100.7	173.9	298.1	445.1	605.1	831.9	1058.4	1291.3	1544.8
-60°	0.0	41.8	92.6	160.4	269.0	394.3	545.4	727.7	926.5	1140.8	1361.5
-62.5°	0.0	38.7	84.1	147.0	239.0	349.9	484.2	623.2	809.5	988.4	1189.2
-65°	0.0	35.4	75.4	133.1	208.0	310.7	421.8	551.0	690.8	852.6	1016.9
-67.5°	0.0	32.1	67.3	118.6	181.5	270.4	366.1	477.2	591.6	719.6	862.5
-70°	0.0	28.7	60.3	103.7	160.0	229.3	316.2	403.9	504.4	604.0	715.0
-72.5°	0.0	25.3	53.1	88.4	137.9	193.8	265.2	343.2	417.8	503.8	592.9
-75°	0.0	21.8	45.7	73.5	115.1	163.6	216.6	281.1	346.6	410.1	481.6
-77.5°	0.0	18.2	38.3	61.6	91.7	132.8	177.0	223.4	274.5	330.8	387.1
-80°	0.0	14.6	30.7	49.5	71.9	101.4	136.6	174.0	212.1	253.2	298.2
-82.5°	0.0	11.0	23.1	37.3	54.2	74.8	96.5	123.9	153.4	183.7	215.0
-85°	0.0	7.3	15.4	24.9	36.2	50.1	64.6	80.5	97.8	114.6	132.4
-87.5°	0.0	3.7	7.7	12.5	18.2	25.1	32.4	40.3	49.0	57.4	65.4
-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: P902094 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB

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°	32.6	35.2	36.7	37.9	40.2	42.4	44.6	46.7	48.7	50.6	52.4
85°	79.4	92.1	102.3	110.9	119.1	126.2	132.3	137.3	142.5	147.2	151.5
82.5°	165.5	181.5	197.5	229.5	258.9	286.5	309.5	328.7	342.6	353.6	364.6
80°	300.9	352.0	395.3	434.6	478.0	537.0	587.2	633.8	673.8	708.0	742.7
77.5°	480.5	558.1	646.9	734.6	813.0	873.8	971.7	1064.9	1150.3	1239.0	1357.9
75°	718.4	833.9	946.5	1102.2	1243.2	1366.2	1481.2	1616.1	1754.6	1912.1	2108.8
72.5°	971.3	1147.4	1345.8	1539.5	1722.9	1903.3	2074.5	2248.4	2452.0	2693.1	2982.6
70°	1250.5	1483.2	1729.8	1972.2	2215.5	2438.3	2668.3	2911.8	3198.7	3562.5	4040.3
67.5°	1518.1	1796.9	2093.0	2379.6	2659.8	2939.9	3241.9	3560.4	3958.2	4510.8	5287.9
65°	1773.4	2092.9	2428.2	2761.6	3073.8	3414.8	3784.8	4199.1	4742.5	5551.4	6629.1
62.5°	2013.6	2359.4	2733.9	3092.7	3463.4	3867.7	4314.0	4906.2	5641.1	6773.2	8210.9
60°	2239.7	2621.1	3020.8	3428.2	3854.4	4361.2	4944.1	5750.1	6798.8	8445.7	10949.3
57.5°	2471.4	2888.3	3324.1	3766.6	4298.2	4907.7	5736.2	6772.6	8385.9	11101.3	16512.0
55°	2721.2	3169.9	3631.2	4148.0	4761.8	5553.0	6640.5	8041.0	10898.6	15676.0	27676.9
52.5°	2975.2	3461.6	3981.8	4545.5	5246.0	6256.9	7623.0	9856.4	14758.9	24534.1	42014.3
50°	3245.1	3767.7	4326.2	4955.4	5779.7	6969.3	8697.3	12467.1	19709.5	34957.6	57197.4
47.5°	3504.9	4065.8	4669.5	5382.0	6300.6	7699.7	10374.3	15871.7	26615.4	46571.7	71525.8
45°	3765.3	4355.2	5003.8	5788.0	6826.4	8555.8	12110.0	19268.8	34360.0	56858.3	82320.1
42.5°	4021.5	4631.7	5339.1	6197.9	7359.1	9367.9	13857.1	24165.5	42295.4	66399.7	89274.0
40°	4265.1	4904.6	5657.0	6579.0	7891.3	10480.6	16342.5	29028.7	49463.8	74259.5	94444.8
37.5°	4485.7	5163.4	5978.5	6979.5	8504.8	11725.1	18990.4	33983.2	56639.9	80044.8	97629.4
35°	4682.4	5397.1	6258.1	7301.6	8987.0	12786.2	22274.4	39340.7	62665.6	84256.7	99803.1
32.5°	4858.3	5618.1	6518.0	7639.6	9607.3	14587.3	25753.4	44276.0	67149.9	86921.7	100846.9
30°	4998.7	5792.8	6717.7	7845.2	9982.7	15670.5	28231.0	48174.1	69769.2	87180.1	99129.0
27.5°	5113.1	5933.7	6874.0	8097.9	10646.2	17269.6	30698.4	50329.1	70335.1	85911.7	95971.0
25°	5218.0	6042.8	6983.0	8273.8	11053.1	18000.3	32063.0	51738.6	70133.9	83842.7	91699.8
22.5°	5309.8	6115.3	7061.1	8349.7	11416.4	18868.5	33127.0	51626.0	68089.7	79673.5	86164.7
20°	5380.0	6178.9	7139.2	8629.8	11853.2	19632.3	33893.9	51182.3	66009.2	75717.1	80893.1
17.5°	5449.2	6231.7	7226.0	8755.8	11947.0	19550.3	33862.9	49652.7	62304.6	70516.7	74806.2
15°	5501.5	6294.7	7290.8	8797.5	11801.4	19522.2	32913.8	46954.5	57800.3	64889.9	68476.7
12.5°	5542.4	6335.3	7335.2	8808.5	11871.6	19114.3	31028.1	43348.1	52452.5	58123.5	60797.4
10°	5565.7	6360.5	7338.8	8812.1	11583.2	18088.4	28303.7	38555.8	45812.4	50623.3	52785.5
7.5°	5575.3	6359.4	7321.6	8694.3	11090.8	16581.8	24967.1	32978.7	38942.9	42977.5	44752.9
5°	5567.4	6330.7	7267.6	8506.8	10484.9	14845.5	21329.9	27417.8	32192.5	35564.7	37020.7
2.5°	5547.5	6278.2	7170.6	8277.5	9877.2	13121.1	17860.7	22308.9	26005.3	28799.2	30096.7
0°	5510.9	6205.0	7040.9	8033.2	9339.1	11587.4	14796.9	17902.2	20634.5	22928.4	24150.6
-2.5°	5475.7	6129.8	6906.0	7812.0	8913.5	10571.1	12760.9	14894.4	16988.3	18884.0	19902.8
-5°	5426.5	6047.3	6767.7	7604.7	8545.7	9781.9	11303.9	12797.7	14380.8	15855.8	16747.9
-7.5°	5368.2	5970.2	6634.1	7412.5	8230.4	9189.1	10306.1	11394.6	12611.8	13726.5	14501.3
-10°	5299.6	5887.6	6510.1	7231.7	7955.9	8745.7	9638.5	10513.4	11511.0	12445.0	13201.2
-12.5°	5223.6	5799.2	6392.3	7061.8	7730.8	8408.4	9185.6	10003.6	10866.4	11682.0	12431.6
-15°	5136.1	5703.3	6273.3	6901.7	7534.6	8155.7	8853.9	9620.7	10402.2	11167.1	11906.4
-17.5°	5038.5	5602.8	6151.2	6758.8	7355.6	7937.2	8580.8	9293.5	10031.6	10778.8	11516.8
-20°	4920.0	5500.9	6023.1	6609.7	7180.1	7739.2	8340.7	9002.6	9706.1	10454.5	11163.3



REPORT NUMBER: P902094 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	4792.9	5372.4	5890.6	6454.7	7002.5	7541.8	8099.7	8726.5	9399.9	10105.3	10751.4
-25°	4653.9	5233.2	5756.4	6287.3	6818.6	7342.3	7867.9	8454.0	9076.3	9753.8	10333.6
-27.5°	4513.0	5082.3	5616.7	6112.6	6621.5	7160.3	7674.8	8197.8	8801.3	9417.3	9997.0
-30°	4357.0	4922.5	5457.6	5937.5	6441.9	6982.9	7485.1	7966.4	8539.9	9141.9	9737.7
-32.5°	4188.0	4749.8	5272.4	5763.0	6260.6	6780.5	7286.6	7774.9	8294.3	8888.0	9534.5
-35°	4005.6	4564.4	5070.9	5562.6	6055.0	6556.3	7058.2	7546.3	8081.9	8666.4	9292.3
-37.5°	3798.7	4346.7	4846.5	5324.7	5816.4	6302.8	6798.0	7290.1	7840.9	8402.3	9014.6
-40°	3562.5	4098.5	4600.6	5058.6	5528.6	6008.9	6496.9	6987.9	7512.8	8084.4	8687.3
-42.5°	3309.9	3816.6	4303.4	4757.2	5202.1	5666.8	6136.7	6633.6	7153.4	7689.6	8268.7
-45°	3048.9	3515.4	3978.5	4429.4	4848.7	5282.5	5730.2	6206.3	6725.9	7249.1	7781.9
-47.5°	2775.9	3209.0	3643.3	4067.4	4476.5	4876.0	5298.6	5746.3	6222.3	6720.9	7221.9
-50°	2520.5	2909.6	3306.5	3704.8	4091.9	4472.4	4849.8	5264.1	5716.4	6179.3	6649.2
-52.5°	2268.1	2617.3	2987.0	3351.6	3709.9	4070.9	4429.5	4794.0	5204.7	5648.8	6088.0
-55°	2034.6	2347.8	2673.0	3011.3	3337.9	3667.5	4000.9	4343.8	4709.3	5097.6	5509.4
-57.5°	1806.5	2084.0	2376.5	2670.4	2965.8	3263.9	3565.9	3880.6	4216.3	4565.1	4918.2
-60°	1593.2	1830.0	2081.0	2338.5	2593.0	2859.4	3129.0	3415.2	3720.5	4033.1	4341.5
-62.5°	1386.2	1589.9	1792.9	2014.7	2236.4	2471.1	2705.8	2967.4	3232.0	3514.2	3783.4
-65°	1192.6	1361.2	1535.6	1703.4	1907.1	2108.1	2324.2	2552.7	2791.9	3032.9	3260.9
-67.5°	1004.5	1156.0	1296.8	1448.0	1606.2	1778.1	1970.1	2168.3	2378.1	2581.7	2770.9
-70°	840.0	958.8	1083.5	1207.1	1333.9	1482.9	1639.2	1797.9	1970.4	2139.9	2298.9
-72.5°	679.4	786.6	887.1	982.3	1094.7	1212.0	1332.6	1461.4	1594.2	1718.0	1832.5
-75°	559.3	634.1	706.5	794.0	881.6	968.4	1057.8	1160.3	1259.0	1347.1	1422.5
-77.5°	443.6	504.3	567.6	629.1	692.3	756.6	828.0	897.4	961.2	1018.2	1067.2
-80°	344.6	389.9	431.8	476.8	521.9	558.3	594.0	633.4	671.8	700.9	717.0
-82.5°	246.2	277.8	298.2	318.1	339.9	359.6	374.2	387.5	392.8	390.9	398.0
-85°	148.3	165.3	181.4	194.3	203.4	208.9	211.8	221.0	230.6	241.8	254.8
-87.5°	70.4	75.1	81.9	90.0	98.3	106.7	116.7	127.0	137.5	149.8	160.6
-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: P902094 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB

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°	55.2	58.0	60.7	61.6	65.4	67.4	69.2	70.7	73.6	75.4	78.5
85°	161.8	172.2	183.9	194.2	202.8	209.8	216.8	224.6	232.5	242.7	258.4
82.5°	389.3	429.2	471.0	499.9	524.6	541.7	557.5	587.2	616.6	651.2	698.9
80°	829.0	959.7	1061.7	1125.9	1173.5	1205.2	1236.7	1300.8	1388.1	1492.5	1625.6
77.5°	1563.3	1791.3	1962.4	2092.8	2165.9	2198.5	2240.3	2323.3	2486.8	2744.2	3064.8
75°	2371.2	2683.3	2983.2	3244.3	3458.6	3587.0	3678.0	3935.2	4347.7	4800.6	5181.2
72.5°	3383.5	3909.6	4511.8	5149.8	5700.2	6124.3	6480.6	6890.5	7321.4	7595.4	7706.8
70°	4722.7	5609.2	6585.4	7546.2	8390.2	9130.7	9693.2	10108.4	10363.6	10346.1	10024.7
67.5°	6350.0	7576.7	8915.4	10233.2	11493.1	12624.7	13416.4	13862.2	14151.7	14308.0	14372.5
65°	8032.9	9673.3	11447.5	13380.4	15959.8	17941.9	19234.8	20010.9	20722.1	21497.2	22057.1
62.5°	10206.3	13176.4	16411.4	20639.1	25827.2	29730.9	32289.9	34748.4	38112.9	40123.1	41268.2
60°	14846.3	21813.7	29134.9	38045.1	48681.8	58303.4	66239.4	75511.4	83174.1	89029.0	92565.4
57.5°	25095.4	39484.8	52868.8	65640.8	79376.6	94412.7	109562.7	125628.0	141482.8	156072.5	166729.6
55°	44434.7	61623.6	75776.3	88113.5	102054.5	119618.2	136040.6	154792.3	174360.6	192504.5	201990.0
52.5°	63270.7	80265.6	92202.8	101973.2	112091.5	124818.5	138808.0	154676.0	172746.5	187590.6	198181.6
50°	80638.8	94666.7	102936.8	109662.6	116715.0	123980.2	132347.3	141543.5	152537.8	163201.1	170472.6
47.5°	92144.7	104049.5	110556.1	114740.7	118727.4	121496.2	124847.6	129602.8	135310.1	139657.1	141671.7
45°	99539.4	109160.9	113825.8	115797.9	116686.0	116411.7	116883.3	119146.1	121910.7	121998.7	120859.1
42.5°	103679.2	111311.8	114154.4	114678.0	114037.4	112347.6	111239.2	112232.4	113267.9	111733.1	110080.9
40°	106549.6	112416.6	114157.0	113720.2	112056.3	109342.2	107496.1	107699.7	107273.5	104806.2	102844.1
37.5°	108321.5	113328.7	114016.4	112652.1	110058.5	106585.6	104183.8	103714.1	102033.3	99088.7	97316.0
35°	109433.1	113174.4	112751.6	110512.0	107253.1	103280.7	100603.3	99453.3	96845.8	94044.2	92335.3
32.5°	108599.5	110825.7	109651.6	106824.3	103162.9	99008.0	96399.8	94775.4	91405.7	88847.6	87349.0
30°	105082.2	106446.0	105012.4	101789.0	97769.0	93864.0	91492.9	89541.2	85899.4	83549.8	82113.7
27.5°	100373.0	100925.1	99081.4	95535.3	91553.5	88011.7	86120.0	83659.0	80180.5	77978.6	76489.5
25°	94774.4	94587.5	92175.3	88715.2	85091.9	81911.1	80357.3	77545.1	74244.5	72176.2	70779.3
22.5°	88476.3	87889.6	85440.7	82162.7	78870.7	76213.0	74652.7	71680.4	68684.4	66846.7	65471.6
20°	82303.7	81360.1	79051.4	76037.2	73124.7	70781.9	69485.5	66317.9	63729.9	61986.8	60715.2
17.5°	75741.5	74770.8	72778.2	70143.3	67582.5	65725.7	64254.9	61253.9	59118.3	57627.5	56357.7
15°	68963.0	67943.2	66057.2	63842.4	61806.8	60418.4	59015.2	56481.8	54534.4	53176.4	51921.8
12.5°	61266.0	60564.6	59058.7	57080.0	55442.6	54525.7	53360.4	51023.1	49509.4	48293.7	47175.7
10°	53207.9	52709.2	51476.4	49943.1	48738.8	48164.8	47272.0	45242.6	44081.8	43128.7	42287.4
7.5°	45108.7	44713.2	43815.0	42646.2	41817.9	41504.2	41023.4	39677.1	38644.8	37865.4	37267.2
5°	37340.1	37058.8	36368.2	35538.6	35065.4	34927.1	34639.1	33840.7	33257.7	32731.8	32278.7
2.5°	30442.9	30202.6	29664.2	29092.9	28816.6	28828.5	28772.1	28270.8	28005.5	27873.0	27735.6
0°	24537.2	24369.2	23989.5	23601.7	23541.1	23678.7	23898.7	23704.1	23620.7	23536.1	23441.8
-2.5°	20289.7	20171.7	19867.0	19659.7	19738.6	19990.5	20323.5	20303.3	20288.9	20276.6	20276.6
-5°	17104.5	17061.0	16886.5	16872.4	17178.3	17582.5	17915.2	18053.1	18138.8	18204.7	18301.7
-7.5°	14967.8	15084.6	15098.3	15325.4	15809.8	16257.5	16599.3	16880.7	17097.7	17283.8	17490.0
-10°	13758.6	14046.6	14215.0	14533.5	15013.2	15541.8	16010.8	16351.4	16716.8	16990.2	17231.3
-12.5°	13004.2	13461.0	13781.5	14109.3	14539.4	15070.6	15614.9	16128.9	16573.9	16833.6	17030.3
-15°	12524.1	13112.5	13589.7	13874.1	14167.7	14693.4	15342.1	15907.7	16357.4	16575.2	16715.9
-17.5°	12181.5	12807.2	13349.4	13603.2	13785.7	14348.4	15040.2	15642.3	16085.6	16299.2	16400.3
-20°	11787.2	12413.2	12966.1	13203.5	13432.1	13973.5	14737.5	15339.8	15823.7	16111.1	16238.2



REPORT NUMBER: P902094 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	11352.5	11983.9	12514.0	12755.4	13009.6	13622.7	14403.1	15021.9	15589.3	15954.0	16134.6
-25°	10907.3	11560.2	12126.2	12387.5	12656.5	13312.2	14110.6	14840.0	15435.8	15885.1	16109.6
-27.5°	10582.0	11234.9	11811.6	12142.5	12458.3	13107.3	13949.7	14725.6	15392.5	15911.7	16133.3
-30°	10330.4	11006.2	11627.2	12047.2	12392.4	13018.8	13884.4	14706.3	15426.1	15996.7	16227.8
-32.5°	10133.2	10844.8	11517.3	11996.1	12388.7	13006.1	13873.5	14757.2	15506.0	16090.8	16335.8
-35°	9932.1	10682.0	11393.5	11907.1	12323.9	12949.0	13797.8	14687.7	15471.5	16069.5	16366.4
-37.5°	9669.7	10440.4	11169.6	11724.2	12150.2	12718.3	13546.5	14438.4	15246.7	15866.5	16109.2
-40°	9350.5	10075.6	10817.0	11385.0	11805.6	12270.5	13026.6	13883.0	14645.9	15208.5	15501.4
-42.5°	8942.6	9671.9	10355.8	10890.3	11247.5	11622.8	12249.0	13053.2	13768.2	14306.9	14602.0
-45°	8431.2	9149.6	9849.4	10314.2	10610.1	10854.0	11354.5	12076.6	12787.1	13355.8	13740.2
-47.5°	7808.6	8483.6	9132.8	9630.6	9955.0	10164.9	10547.3	11178.0	11881.6	12541.2	13046.1
-50°	7138.0	7736.1	8333.0	8844.2	9245.4	9500.0	9809.0	10349.6	11072.4	11836.1	12466.1
-52.5°	6533.1	7029.4	7540.2	8021.8	8413.6	8697.7	8997.3	9488.9	10213.9	11030.5	11767.0
-55°	5925.9	6356.1	6796.0	7215.3	7575.3	7890.6	8156.3	8555.2	9201.0	10001.4	10722.6
-57.5°	5278.1	5669.8	6058.6	6440.2	6783.2	7060.5	7299.0	7594.9	8088.4	8740.5	9390.8
-60°	4647.9	4982.0	5327.2	5680.9	6007.2	6275.9	6503.9	6702.2	7024.2	7489.4	7995.2
-62.5°	4045.0	4317.0	4592.9	4892.8	5197.8	5453.9	5661.5	5833.6	6052.1	6371.4	6769.1
-65°	3481.7	3694.7	3908.4	4139.2	4399.7	4628.5	4817.0	4977.0	5147.0	5381.8	5699.5
-67.5°	2943.1	3108.5	3268.5	3437.3	3643.8	3852.4	4030.5	4188.4	4352.9	4545.4	4804.0
-70°	2439.7	2569.6	2695.7	2823.0	2957.2	3118.1	3273.0	3429.1	3604.5	3814.0	4071.8
-72.5°	1946.0	2057.9	2167.5	2273.5	2370.8	2468.4	2575.5	2697.9	2846.5	3043.3	3319.8
-75°	1500.5	1580.4	1662.3	1743.5	1819.2	1893.0	1963.1	2043.4	2152.5	2321.4	2582.3
-77.5°	1110.8	1151.2	1196.4	1244.3	1290.4	1337.5	1384.3	1429.1	1488.7	1585.0	1690.4
-80°	727.4	739.5	756.1	782.5	812.7	842.8	872.1	893.2	909.7	926.2	938.3
-82.5°	417.2	438.1	453.9	469.6	486.9	502.4	516.6	532.0	545.7	553.8	559.6
-85°	269.3	283.8	298.0	311.2	324.8	335.9	347.1	357.5	367.7	375.8	384.0
-87.5°	169.7	178.1	185.0	194.8	201.6	209.5	216.0	223.6	229.4	233.2	238.7
-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: P902094 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB

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°	82.6	87.0	89.6	89.7	89.6	87.0	82.6	78.5	75.4	73.6	70.7
85°	300.9	354.1	389.4	398.0	389.4	354.1	300.9	258.4	242.7	232.5	224.6
82.5°	846.8	1026.2	1159.7	1202.8	1159.7	1026.2	846.8	698.9	651.2	616.6	587.2
80°	1926.1	2249.1	2483.8	2590.1	2483.8	2249.1	1926.1	1625.6	1492.5	1388.1	1300.8
77.5°	3422.5	3764.2	4021.9	4154.5	4021.9	3764.2	3422.5	3064.8	2744.2	2486.8	2323.3
75°	5412.7	5673.9	5947.2	6070.1	5947.2	5673.9	5412.7	5181.2	4800.6	4347.7	3935.2
72.5°	7703.4	7822.7	8093.1	8283.6	8093.1	7822.7	7703.4	7706.8	7595.4	7321.4	6890.5
70°	9620.5	9561.3	9871.6	10139.0	9871.6	9561.3	9620.5	10024.7	10346.1	10363.6	10108.4
67.5°	14148.7	13845.4	13649.1	13564.5	13649.1	13845.4	14148.7	14372.5	14308.0	14151.7	13862.2
65°	22406.0	22455.1	22328.1	22220.6	22328.1	22455.1	22406.0	22057.1	21497.2	20722.1	20010.9
62.5°	41558.2	40930.0	40022.5	39525.0	40022.5	40930.0	41558.2	41268.2	40123.1	38112.9	34748.4
60°	92925.6	90841.0	88365.6	86980.4	88365.6	90841.0	92925.6	92565.4	89029.0	83174.1	75511.4
57.5°	169005.3	168011.5	167024.7	166655.3	167024.7	168011.5	169005.3	166729.6	156072.5	141482.8	125628.0
55°	206363.0	208041.7	209193.8	209900.7	209193.8	208041.7	206363.0	201990.0	192504.5	174360.6	154792.3
52.5°	204215.6	208051.6	210527.8	211673.9	210527.8	208051.6	204215.6	198181.6	187590.6	172746.5	154676.0
50°	175416.6	179083.1	181267.7	182767.0	181267.7	179083.1	175416.6	170472.6	163201.1	152537.8	141543.5
47.5°	143253.3	144838.5	145487.1	146052.7	145487.1	144838.5	143253.3	141671.7	139657.1	135310.1	129602.8
45°	121112.8	120978.5	120562.7	120443.1	120562.7	120978.5	121112.8	120859.1	121998.7	121910.7	119146.1
42.5°	109255.6	108307.7	107341.5	107002.4	107341.5	108307.7	109255.6	110080.9	111733.1	113267.9	112232.4
40°	101544.0	100413.0	99570.9	99506.5	99570.9	100413.0	101544.0	102844.1	104806.2	107273.5	107699.7
37.5°	96000.5	95025.6	94349.7	94241.0	94349.7	95025.6	96000.5	97316.0	99088.7	102033.3	103714.1
35°	91072.8	90183.7	89587.8	89472.2	89587.8	90183.7	91072.8	92335.3	94044.2	96845.8	99453.3
32.5°	86129.0	85285.9	84795.3	84875.2	84795.3	85285.9	86129.0	87349.0	88847.6	91405.7	94775.4
30°	80932.5	80228.9	79759.6	80139.7	79759.6	80228.9	80932.5	82113.7	83549.8	85899.4	89541.2
27.5°	75414.1	74837.8	74355.8	74403.3	74355.8	74837.8	75414.1	76489.5	77978.6	80180.5	83659.0
25°	69648.5	69095.2	68711.0	68527.0	68711.0	69095.2	69648.5	70779.3	72176.2	74244.5	77545.1
22.5°	64471.2	63852.6	63534.2	63300.1	63534.2	63852.6	64471.2	65471.6	66846.7	68684.4	71680.4
20°	59769.8	59089.7	58815.3	58817.4	58815.3	59089.7	59769.8	60715.2	61986.8	63729.9	66317.9
17.5°	55296.7	54627.0	54351.5	54336.9	54351.5	54627.0	55296.7	56357.7	57627.5	59118.3	61253.9
15°	50886.3	50166.0	49877.4	49727.0	49877.4	50166.0	50886.3	51921.8	53176.4	54534.4	56481.8
12.5°	46316.3	45588.4	45260.6	45111.4	45260.6	45588.4	46316.3	47175.7	48293.7	49509.4	51023.1
10°	41531.9	40985.2	40544.7	40414.2	40544.7	40985.2	41531.9	42287.4	43128.7	44081.8	45242.6
7.5°	36622.3	36215.6	35893.2	35849.9	35893.2	36215.6	36622.3	37267.2	37865.4	38644.8	39677.1
5°	31891.4	31537.7	31337.1	31319.1	31337.1	31537.7	31891.4	32278.7	32731.8	33257.7	33840.7
2.5°	27463.8	27214.2	27085.8	27141.3	27085.8	27214.2	27463.8	27735.6	27873.0	28005.5	28270.8
0°	23297.0	23204.2	23229.8	23276.1	23229.8	23204.2	23297.0	23441.8	23536.1	23620.7	23704.1
-2.5°	20218.4	20227.6	20347.7	20512.0	20347.7	20227.6	20218.4	20276.6	20276.6	20288.9	20303.3
-5°	18412.2	18554.3	18592.7	18718.8	18592.7	18554.3	18412.2	18301.7	18204.7	18138.8	18053.1
-7.5°	17663.0	17796.8	17869.5	17921.2	17869.5	17796.8	17663.0	17490.0	17283.8	17097.7	16880.7
-10°	17380.1	17435.4	17519.5	17558.6	17519.5	17435.4	17380.1	17231.3	16990.2	16716.8	16351.4
-12.5°	17128.5	17205.8	17248.5	17288.1	17248.5	17205.8	17128.5	17030.3	16833.6	16573.9	16128.9
-15°	16815.3	16891.7	16926.7	16958.4	16926.7	16891.7	16815.3	16715.9	16575.2	16357.4	15907.7
-17.5°	16503.3	16594.6	16657.1	16720.4	16657.1	16594.6	16503.3	16400.3	16299.2	16085.6	15642.3
-20°	16345.9	16434.6	16491.3	16557.4	16491.3	16434.6	16345.9	16238.2	16111.1	15823.7	15339.8



REPORT NUMBER: P902094 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	16265.9	16343.2	16396.8	16476.4	16396.8	16343.2	16265.9	16134.6	15954.0	15589.3	15021.9
-25°	16216.2	16250.0	16315.6	16364.0	16315.6	16250.0	16216.2	16109.6	15885.1	15435.8	14840.0
-27.5°	16225.1	16224.6	16261.9	16346.3	16261.9	16224.6	16225.1	16133.3	15911.7	15392.5	14725.6
-30°	16269.3	16250.2	16289.8	16346.3	16289.8	16250.2	16269.3	16227.8	15996.7	15426.1	14706.3
-32.5°	16349.8	16324.3	16316.6	16379.0	16316.6	16324.3	16349.8	16335.8	16090.8	15506.0	14757.2
-35°	16330.2	16255.8	16235.3	16282.3	16235.3	16255.8	16330.2	16366.4	16069.5	15471.5	14687.7
-37.5°	16050.4	15962.8	15956.7	16020.2	15956.7	15962.8	16050.4	16109.2	15866.5	15246.7	14438.4
-40°	15432.0	15271.0	15208.3	15215.9	15208.3	15271.0	15432.0	15501.4	15208.5	14645.9	13883.0
-42.5°	14622.4	14491.9	14428.0	14416.3	14428.0	14491.9	14622.4	14602.0	14306.9	13768.2	13053.2
-45°	13918.7	13882.0	13852.3	13874.9	13852.3	13882.0	13918.7	13740.2	13355.8	12787.1	12076.6
-47.5°	13385.4	13525.7	13585.5	13655.2	13585.5	13525.7	13385.4	13046.1	12541.2	11881.6	11178.0
-50°	12971.3	13286.6	13494.2	13631.0	13494.2	13286.6	12971.3	12466.1	11836.1	11072.4	10349.6
-52.5°	12389.6	12831.7	13168.1	13374.1	13168.1	12831.7	12389.6	11767.0	11030.5	10213.9	9488.9
-55°	11337.6	11771.8	12081.4	12244.3	12081.4	11771.8	11337.6	10722.6	10001.4	9201.0	8555.2
-57.5°	9942.2	10307.2	10537.3	10657.0	10537.3	10307.2	9942.2	9390.8	8740.5	8088.4	7594.9
-60°	8399.3	8677.3	8894.3	8998.1	8894.3	8677.3	8399.3	7995.2	7489.4	7024.2	6702.2
-62.5°	7128.6	7393.4	7609.9	7704.7	7609.9	7393.4	7128.6	6769.1	6371.4	6052.1	5833.6
-65°	6019.2	6262.0	6436.4	6532.8	6436.4	6262.0	6019.2	5699.5	5381.8	5147.0	4977.0
-67.5°	5087.4	5304.8	5446.9	5515.9	5446.9	5304.8	5087.4	4804.0	4545.4	4352.9	4188.4
-70°	4355.1	4577.8	4729.4	4805.6	4729.4	4577.8	4355.1	4071.8	3814.0	3604.5	3429.1
-72.5°	3654.3	3937.1	4135.1	4246.5	4135.1	3937.1	3654.3	3319.8	3043.3	2846.5	2697.9
-75°	2792.8	2998.7	3207.4	3334.5	3207.4	2998.7	2792.8	2582.3	2321.4	2152.5	2043.4
-77.5°	1728.6	1809.9	1926.8	2000.8	1926.8	1809.9	1728.6	1690.4	1585.0	1488.7	1429.1
-80°	951.4	980.4	1020.6	1050.3	1020.6	980.4	951.4	938.3	926.2	909.7	893.2
-82.5°	570.2	582.9	595.4	600.9	595.4	582.9	570.2	559.6	553.8	545.7	532.0
-85°	390.6	397.4	401.6	404.0	401.6	397.4	390.6	384.0	375.8	367.7	357.5
-87.5°	242.1	245.3	246.3	246.8	246.3	245.3	242.1	238.7	233.2	229.4	223.6
-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: P902094 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB

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°	69.2	67.4	65.4	61.6	60.7	58.0	55.2	52.4	50.6	48.7	46.7
85°	216.8	209.8	202.8	194.2	183.9	172.2	161.8	151.5	147.2	142.5	137.3
82.5°	557.5	541.7	524.6	499.9	471.0	429.2	389.3	364.6	353.6	342.6	328.7
80°	1236.7	1205.2	1173.5	1125.9	1061.7	959.7	829.0	742.7	708.0	673.8	633.8
77.5°	2240.3	2198.5	2165.9	2092.8	1962.4	1791.3	1563.3	1357.9	1239.0	1150.3	1064.9
75°	3678.0	3587.0	3458.6	3244.3	2983.2	2683.3	2371.2	2108.8	1912.1	1754.6	1616.1
72.5°	6480.6	6124.3	5700.2	5149.8	4511.8	3909.6	3383.5	2982.6	2693.1	2452.0	2248.4
70°	9693.2	9130.7	8390.2	7546.2	6585.4	5609.2	4722.7	4040.3	3562.5	3198.7	2911.8
67.5°	13416.4	12624.7	11493.1	10233.2	8915.4	7576.7	6350.0	5287.9	4510.8	3958.2	3560.4
65°	19234.8	17941.9	15959.8	13380.4	11447.5	9673.3	8032.9	6629.1	5551.4	4742.5	4199.1
62.5°	32289.9	29730.9	25827.2	20639.1	16411.4	13176.4	10206.3	8210.9	6773.2	5641.1	4906.2
60°	66239.4	58303.4	48681.8	38045.1	29134.9	21813.7	14846.3	10949.3	8445.7	6798.8	5750.1
57.5°	109562.7	94412.7	79376.6	65640.8	52868.8	39484.8	25095.4	16512.0	11101.3	8385.9	6772.6
55°	136040.6	119618.2	102054.5	88113.5	75776.3	61623.6	44434.7	27676.9	15676.0	10898.6	8041.0
52.5°	138808.0	124818.5	112091.5	101973.2	92202.8	80265.6	63270.7	42014.3	24534.1	14758.9	9856.4
50°	132347.3	123980.2	116715.0	109662.6	102936.8	94666.7	80638.8	57197.4	34957.6	19709.5	12467.1
47.5°	124847.6	121496.2	118727.4	114740.7	110556.1	104049.5	92144.7	71525.8	46571.7	26615.4	15871.7
45°	116883.3	116411.7	116686.0	115797.9	113825.8	109160.9	99539.4	82320.1	56858.3	34360.0	19268.8
42.5°	111239.2	112347.6	114037.4	114678.0	114154.4	111311.8	103679.2	89274.0	66399.7	42295.4	24165.5
40°	107496.1	109342.2	112056.3	113720.2	114157.0	112416.6	106549.6	94444.8	74259.5	49463.8	29028.7
37.5°	104183.8	106585.6	110058.5	112652.1	114016.4	113328.7	108321.5	97629.4	80044.8	56639.9	33983.2
35°	100603.3	103280.7	107253.1	110512.0	112751.6	113174.4	109433.1	99803.1	84256.7	62665.6	39340.7
32.5°	96399.8	99008.0	103162.9	106824.3	109651.6	110825.7	108599.5	100846.9	86921.7	67149.9	44276.0
30°	91492.9	93864.0	97769.0	101789.0	105012.4	106446.0	105082.2	99129.0	87180.1	69769.2	48174.1
27.5°	86120.0	88011.7	91553.5	95535.3	99081.4	100925.1	100373.0	95971.0	85911.7	70335.1	50329.1
25°	80357.3	81911.1	85091.9	88715.2	92175.3	94587.5	94774.4	91699.8	83842.7	70133.9	51738.6
22.5°	74652.7	76213.0	78870.7	82162.7	85440.7	87889.6	88476.3	86164.7	79673.5	68089.7	51626.0
20°	69485.5	70781.9	73124.7	76037.2	79051.4	81360.1	82303.7	80893.1	75717.1	66009.2	51182.3
17.5°	64254.9	65725.7	67582.5	70143.3	72778.2	74770.8	75741.5	74806.2	70516.7	62304.6	49652.7
15°	59015.2	60418.4	61806.8	63842.4	66057.2	67943.2	68963.0	68476.7	64889.9	57800.3	46954.5
12.5°	53360.4	54525.7	55442.6	57080.0	59058.7	60564.6	61266.0	60797.4	58123.5	52452.5	43348.1
10°	47272.0	48164.8	48738.8	49943.1	51476.4	52709.2	53207.9	52785.5	50623.3	45812.4	38555.8
7.5°	41023.4	41504.2	41817.9	42646.2	43815.0	44713.2	45108.7	44752.9	42977.5	38942.9	32978.7
5°	34639.1	34927.1	35065.4	35538.6	36368.2	37058.8	37340.1	37020.7	35564.7	32192.5	27417.8
2.5°	28772.1	28828.5	28816.6	29092.9	29664.2	30202.6	30442.9	30096.7	28799.2	26005.3	22308.9
0°	23898.7	23678.7	23541.1	23601.7	23989.5	24369.2	24537.2	24150.6	22928.4	20634.5	17902.2
-2.5°	20323.5	19990.5	19738.6	19659.7	19867.0	20171.7	20289.7	19902.8	18884.0	16988.3	14894.4
-5°	17915.2	17582.5	17178.3	16872.4	16886.5	17061.0	17104.5	16747.9	15855.8	14380.8	12797.7
-7.5°	16599.3	16257.5	15809.8	15325.4	15098.3	15084.6	14967.8	14501.3	13726.5	12611.8	11394.6
-10°	16010.8	15541.8	15013.2	14533.5	14215.0	14046.6	13758.6	13201.2	12445.0	11511.0	10513.4
-12.5°	15614.9	15070.6	14539.4	14109.3	13781.5	13461.0	13004.2	12431.6	11682.0	10866.4	10003.6
-15°	15342.1	14693.4	14167.7	13874.1	13589.7	13112.5	12524.1	11906.4	11167.1	10402.2	9620.7
-17.5°	15040.2	14348.4	13785.7	13603.2	13349.4	12807.2	12181.5	11516.8	10778.8	10031.6	9293.5
-20°	14737.5	13973.5	13432.1	13203.5	12966.1	12413.2	11787.2	11163.3	10454.5	9706.1	9002.6



REPORT NUMBER: P902094 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	14403.1	13622.7	13009.6	12755.4	12514.0	11983.9	11352.5	10751.4	10105.3	9399.9	8726.5
-25°	14110.6	13312.2	12656.5	12387.5	12126.2	11560.2	10907.3	10333.6	9753.8	9076.3	8454.0
-27.5°	13949.7	13107.3	12458.3	12142.5	11811.6	11234.9	10582.0	9997.0	9417.3	8801.3	8197.8
-30°	13884.4	13018.8	12392.4	12047.2	11627.2	11006.2	10330.4	9737.7	9141.9	8539.9	7966.4
-32.5°	13873.5	13006.1	12388.7	11996.1	11517.3	10844.8	10133.2	9534.5	8888.0	8294.3	7774.9
-35°	13797.8	12949.0	12323.9	11907.1	11393.5	10682.0	9932.1	9292.3	8666.4	8081.9	7546.3
-37.5°	13546.5	12718.3	12150.2	11724.2	11169.6	10440.4	9669.7	9014.6	8402.3	7840.9	7290.1
-40°	13026.6	12270.5	11805.6	11385.0	10817.0	10075.6	9350.5	8687.3	8084.4	7512.8	6987.9
-42.5°	12249.0	11622.8	11247.5	10890.3	10355.8	9671.9	8942.6	8268.7	7689.6	7153.4	6633.6
-45°	11354.5	10854.0	10610.1	10314.2	9849.4	9149.6	8431.2	7781.9	7249.1	6725.9	6206.3
-47.5°	10547.3	10164.9	9955.0	9630.6	9132.8	8483.6	7808.6	7221.9	6720.9	6222.3	5746.3
-50°	9809.0	9500.0	9245.4	8844.2	8333.0	7736.1	7138.0	6649.2	6179.3	5716.4	5264.1
-52.5°	8997.3	8697.7	8413.6	8021.8	7540.2	7029.4	6533.1	6088.0	5648.8	5204.7	4794.0
-55°	8156.3	7890.6	7575.3	7215.3	6796.0	6356.1	5925.9	5509.4	5097.6	4709.3	4343.8
-57.5°	7299.0	7060.5	6783.2	6440.2	6058.6	5669.8	5278.1	4918.2	4565.1	4216.3	3880.6
-60°	6503.9	6275.9	6007.2	5680.9	5327.2	4982.0	4647.9	4341.5	4033.1	3720.5	3415.2
-62.5°	5661.5	5453.9	5197.8	4892.8	4592.9	4317.0	4045.0	3783.4	3514.2	3232.0	2967.4
-65°	4817.0	4628.5	4399.7	4139.2	3908.4	3694.7	3481.7	3260.9	3032.9	2791.9	2552.7
-67.5°	4030.5	3852.4	3643.8	3437.3	3268.5	3108.5	2943.1	2770.9	2581.7	2378.1	2168.3
-70°	3273.0	3118.1	2957.2	2823.0	2695.7	2569.6	2439.7	2298.9	2139.9	1970.4	1797.9
-72.5°	2575.5	2468.4	2370.8	2273.5	2167.5	2057.9	1946.0	1832.5	1718.0	1594.2	1461.4
-75°	1963.1	1893.0	1819.2	1743.5	1662.3	1580.4	1500.5	1422.5	1347.1	1259.0	1160.3
-77.5°	1384.3	1337.5	1290.4	1244.3	1196.4	1151.2	1110.8	1067.2	1018.2	961.2	897.4
-80°	872.1	842.8	812.7	782.5	756.1	739.5	727.4	717.0	700.9	671.8	633.4
-82.5°	516.6	502.4	486.9	469.6	453.9	438.1	417.2	398.0	390.9	392.8	387.5
-85°	347.1	335.9	324.8	311.2	298.0	283.8	269.3	254.8	241.8	230.6	221.0
-87.5°	216.0	209.5	201.6	194.8	185.0	178.1	169.7	160.6	149.8	137.5	127.0
-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: P902094 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB

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°	44.6	42.4	40.2	37.9	36.7	35.2	32.6	31.7	28.7	26.5	24.6
85°	132.3	126.2	119.1	110.9	102.3	92.1	79.4	68.8	57.5	53.0	49.2
82.5°	309.5	286.5	258.9	229.5	197.5	181.5	165.5	151.2	131.9	109.8	86.6
80°	587.2	537.0	478.0	434.6	395.3	352.0	300.9	250.4	210.9	182.1	149.4
77.5°	971.7	873.8	813.0	734.6	646.9	558.1	480.5	415.6	347.2	272.1	211.8
75°	1481.2	1366.2	1243.2	1102.2	946.5	833.9	718.4	596.8	496.9	404.6	305.5
72.5°	2074.5	1903.3	1722.9	1539.5	1345.8	1147.4	971.3	819.2	671.7	534.9	415.8
70°	2668.3	2438.3	2215.5	1972.2	1729.8	1483.2	1250.5	1041.4	855.6	688.1	524.1
67.5°	3241.9	2939.9	2659.8	2379.6	2093.0	1796.9	1518.1	1269.4	1043.1	842.0	652.8
65°	3784.8	3414.8	3073.8	2761.6	2428.2	2092.9	1773.4	1488.6	1235.3	999.8	781.8
62.5°	4314.0	3867.7	3463.4	3092.7	2733.9	2359.4	2013.6	1696.8	1421.2	1164.4	907.1
60°	4944.1	4361.2	3854.4	3428.2	3020.8	2621.1	2239.7	1901.6	1603.1	1324.5	1046.7
57.5°	5736.2	4907.7	4298.2	3766.6	3324.1	2888.3	2471.4	2106.7	1783.4	1485.9	1183.2
55°	6640.5	5553.0	4761.8	4148.0	3631.2	3169.9	2721.2	2308.1	1972.6	1645.2	1315.2
52.5°	7623.0	6256.9	5246.0	4545.5	3981.8	3461.6	2975.2	2538.5	2161.5	1801.1	1449.5
50°	8697.3	6969.3	5779.7	4955.4	4326.2	3767.7	3245.1	2767.0	2354.8	1966.4	1579.9
47.5°	10374.3	7699.7	6300.6	5382.0	4669.5	4065.8	3504.9	3004.5	2556.3	2127.6	1705.3
45°	12110.0	8555.8	6826.4	5788.0	5003.8	4355.2	3765.3	3234.6	2751.4	2275.7	1829.4
42.5°	13857.1	9367.9	7359.1	6197.9	5339.1	4631.7	4021.5	3455.4	2944.2	2430.6	1943.5
40°	16342.5	10480.6	7891.3	6579.0	5657.0	4904.6	4265.1	3678.7	3129.0	2576.0	2047.5
37.5°	18990.4	11725.1	8504.8	6979.5	5978.5	5163.4	4485.7	3885.3	3288.2	2711.2	2142.2
35°	22274.4	12786.2	8987.0	7301.6	6258.1	5397.1	4682.4	4069.6	3438.8	2819.1	2232.5
32.5°	25753.4	14587.3	9607.3	7639.6	6518.0	5618.1	4858.3	4207.8	3578.5	2916.3	2310.4
30°	28231.0	15670.5	9982.7	7845.2	6717.7	5792.8	4998.7	4324.8	3677.8	2999.7	2376.4
27.5°	30698.4	17269.6	10646.2	8097.9	6874.0	5933.7	5113.1	4418.6	3761.8	3072.2	2434.5
25°	32063.0	18000.3	11053.1	8273.8	6983.0	6042.8	5218.0	4501.9	3829.0	3136.9	2484.4
22.5°	33127.0	18868.5	11416.4	8349.7	7061.1	6115.3	5309.8	4572.1	3897.4	3198.4	2530.8
20°	33893.9	19632.3	11853.2	8629.8	7139.2	6178.9	5380.0	4645.2	3956.5	3251.3	2571.6
17.5°	33862.9	19550.3	11947.0	8755.8	7226.0	6231.7	5449.2	4707.7	4005.9	3293.7	2603.4
15°	32913.8	19522.2	11801.4	8797.5	7290.8	6294.7	5501.5	4761.2	4046.3	3324.1	2628.4
12.5°	31028.1	19114.3	11871.6	8808.5	7335.2	6335.3	5542.4	4803.9	4076.8	3346.7	2647.3
10°	28303.7	18088.4	11583.2	8812.1	7338.8	6360.5	5565.7	4832.4	4103.8	3361.2	2657.0
7.5°	24967.1	16581.8	11090.8	8694.3	7321.6	6359.4	5575.3	4848.9	4119.2	3364.0	2659.2
5°	21329.9	14845.5	10484.9	8506.8	7267.6	6330.7	5567.4	4851.9	4127.1	3364.8	2659.9
2.5°	17860.7	13121.1	9877.2	8277.5	7170.6	6278.2	5547.5	4851.2	4129.2	3357.3	2651.4
0°	14796.9	11587.4	9339.1	8033.2	7040.9	6205.0	5510.9	4836.1	4117.9	3338.4	2633.7
-2.5°	12760.9	10571.1	8913.5	7812.0	6906.0	6129.8	5475.7	4813.6	4105.4	3323.4	2617.3
-5°	11303.9	9781.9	8545.7	7604.7	6767.7	6047.3	5426.5	4777.9	4079.9	3296.8	2591.9
-7.5°	10306.1	9189.1	8230.4	7412.5	6634.1	5970.2	5368.2	4735.5	4041.5	3259.2	2557.6
-10°	9638.5	8745.7	7955.9	7231.7	6510.1	5887.6	5299.6	4681.6	3990.2	3212.3	2517.5
-12.5°	9185.6	8408.4	7730.8	7061.8	6392.3	5799.2	5223.6	4611.1	3923.1	3153.3	2469.6
-15°	8853.9	8155.7	7534.6	6901.7	6273.3	5703.3	5136.1	4525.8	3832.1	3083.3	2413.4
-17.5°	8580.8	7937.2	7355.6	6758.8	6151.2	5602.8	5038.5	4420.6	3729.3	3003.5	2351.4
-20°	8340.7	7739.2	7180.1	6609.7	6023.1	5500.9	4920.0	4299.7	3619.6	2913.0	2283.1



REPORT NUMBER: P902094 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	8099.7	7541.8	7002.5	6454.7	5890.6	5372.4	4792.9	4169.5	3504.2	2818.5	2206.9
-25°	7867.9	7342.3	6818.6	6287.3	5756.4	5233.2	4653.9	4042.0	3381.8	2720.5	2128.7
-27.5°	7674.8	7160.3	6621.5	6112.6	5616.7	5082.3	4513.0	3905.2	3259.9	2624.0	2054.3
-30°	7485.1	6982.9	6441.9	5937.5	5457.6	4922.5	4357.0	3755.6	3131.5	2521.7	1972.2
-32.5°	7286.6	6780.5	6260.6	5763.0	5272.4	4749.8	4188.0	3595.1	2993.5	2412.6	1882.7
-35°	7058.2	6556.3	6055.0	5562.6	5070.9	4564.4	4005.6	3422.6	2841.8	2294.7	1786.6
-37.5°	6798.0	6302.8	5816.4	5324.7	4846.5	4346.7	3798.7	3233.7	2686.8	2172.9	1690.2
-40°	6496.9	6008.9	5528.6	5058.6	4600.6	4098.5	3562.5	3032.8	2527.4	2041.0	1594.9
-42.5°	6136.7	5666.8	5202.1	4757.2	4303.4	3816.6	3309.9	2819.3	2350.3	1900.2	1492.7
-45°	5730.2	5282.5	4848.7	4429.4	3978.5	3515.4	3048.9	2598.4	2168.0	1751.1	1383.4
-47.5°	5298.6	4876.0	4476.5	4067.4	3643.3	3209.0	2775.9	2373.2	1985.2	1616.1	1271.6
-50°	4849.8	4472.4	4091.9	3704.8	3306.5	2909.6	2520.5	2147.2	1795.6	1472.7	1161.8
-52.5°	4429.5	4070.9	3709.9	3351.6	2987.0	2617.3	2268.1	1935.5	1621.5	1325.6	1048.8
-55°	4000.9	3667.5	3337.9	3011.3	2673.0	2347.8	2034.6	1725.3	1455.5	1192.8	934.3
-57.5°	3565.9	3263.9	2965.8	2670.4	2376.5	2084.0	1806.5	1544.8	1291.3	1058.4	831.9
-60°	3129.0	2859.4	2593.0	2338.5	2081.0	1830.0	1593.2	1361.5	1140.8	926.5	727.7
-62.5°	2705.8	2471.1	2236.4	2014.7	1792.9	1589.9	1386.2	1189.2	988.4	809.5	623.2
-65°	2324.2	2108.1	1907.1	1703.4	1535.6	1361.2	1192.6	1016.9	852.6	690.8	551.0
-67.5°	1970.1	1778.1	1606.2	1448.0	1296.8	1156.0	1004.5	862.5	719.6	591.6	477.2
-70°	1639.2	1482.9	1333.9	1207.1	1083.5	958.8	840.0	715.0	604.0	504.4	403.9
-72.5°	1332.6	1212.0	1094.7	982.3	887.1	786.6	679.4	592.9	503.8	417.8	343.2
-75°	1057.8	968.4	881.6	794.0	706.5	634.1	559.3	481.6	410.1	346.6	281.1
-77.5°	828.0	756.6	692.3	629.1	567.6	504.3	443.6	387.1	330.8	274.5	223.4
-80°	594.0	558.3	521.9	476.8	431.8	389.9	344.6	298.2	253.2	212.1	174.0
-82.5°	374.2	359.6	339.9	318.1	298.2	277.8	246.2	215.0	183.7	153.4	123.9
-85°	211.8	208.9	203.4	194.3	181.4	165.3	148.3	132.4	114.6	97.8	80.5
-87.5°	116.7	106.7	98.3	90.0	81.9	75.1	70.4	65.4	57.4	49.0	40.3
-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: P902094 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB

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°	21.2	17.7	14.2	10.7	6.9	3.5	0.0
85°	42.3	35.4	28.4	21.3	13.9	6.9	0.0
82.5°	63.4	53.0	42.5	31.9	20.8	10.4	0.0
80°	113.8	78.0	56.6	42.5	27.6	13.8	0.0
77.5°	167.0	120.8	77.2	52.9	34.4	17.2	0.0
75°	219.4	163.0	108.9	63.2	41.2	20.6	0.0
72.5°	300.8	204.5	139.8	81.5	47.8	23.9	0.0
70°	390.7	260.4	169.8	101.3	54.4	27.2	0.0
67.5°	478.6	331.8	198.8	120.6	60.9	30.5	0.0
65°	575.0	401.5	239.6	139.1	69.8	33.6	0.0
62.5°	680.9	469.4	290.4	156.8	80.4	36.8	0.0
60°	783.8	543.8	339.0	173.7	90.6	39.8	0.0
57.5°	883.7	626.0	385.3	190.9	100.5	42.8	0.0
55°	995.7	705.4	429.2	221.3	109.8	45.7	0.0
52.5°	1102.9	781.5	473.2	249.9	118.8	48.5	0.0
50°	1205.0	849.0	526.1	276.6	127.2	51.2	0.0
47.5°	1302.6	921.8	575.2	301.3	135.1	53.8	0.0
45°	1399.5	989.3	619.5	324.1	142.5	56.3	0.0
42.5°	1489.8	1051.3	659.9	344.8	149.3	58.7	0.0
40°	1567.8	1107.7	696.4	363.5	155.6	61.0	0.0
37.5°	1631.7	1158.5	728.8	380.3	161.3	63.2	0.0
35°	1692.2	1205.1	762.1	400.9	170.6	65.9	0.0
32.5°	1748.4	1246.9	793.9	421.5	180.4	68.6	0.0
30°	1797.8	1283.4	821.9	439.5	189.1	71.1	0.0
27.5°	1842.0	1314.6	847.0	455.0	197.3	73.4	0.0
25°	1880.1	1340.3	868.6	468.0	204.7	75.5	0.0
22.5°	1911.5	1361.8	886.4	478.4	211.0	77.4	0.0
20°	1938.1	1381.1	900.5	486.4	216.5	79.1	0.0
17.5°	1964.3	1395.7	910.9	494.0	220.9	80.5	0.0
15°	1985.0	1407.4	917.6	500.1	224.5	81.8	0.0
12.5°	1998.3	1416.0	923.7	503.9	227.1	82.8	0.0
10°	2004.3	1422.5	927.5	505.6	228.9	83.6	0.0
7.5°	2009.3	1426.4	927.7	505.1	229.8	84.2	0.0
5°	2009.1	1424.8	924.4	502.6	229.8	84.6	0.0
2.5°	2001.6	1417.9	917.6	498.1	229.0	84.7	0.0
0°	1986.8	1405.6	907.3	491.8	227.4	84.7	0.0
-2.5°	1974.6	1397.9	902.4	490.2	227.2	84.8	0.0
-5°	1955.3	1385.0	894.2	486.9	226.3	84.6	0.0
-7.5°	1928.9	1366.9	882.7	481.9	224.6	84.3	0.0
-10°	1896.7	1343.8	868.0	475.2	222.1	83.8	0.0
-12.5°	1861.0	1317.8	850.2	466.9	219.0	83.0	0.0
-15°	1818.7	1289.8	830.5	457.0	215.1	82.1	0.0
-17.5°	1770.2	1259.2	811.0	445.5	210.4	80.9	0.0
-20°	1716.9	1226.0	788.4	433.0	205.1	79.6	0.0



REPORT NUMBER: P902094 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1665.0	1188.6	762.8	420.7	199.1	78.1	0.0
-25°	1610.4	1148.8	734.3	406.8	192.4	76.4	0.0
-27.5°	1551.0	1105.6	703.0	391.4	185.0	74.5	0.0
-30°	1487.6	1058.6	669.0	374.5	176.9	72.5	0.0
-32.5°	1421.2	1007.9	633.2	356.3	169.0	70.2	0.0
-35°	1349.8	953.6	594.5	336.6	160.4	67.8	0.0
-37.5°	1276.0	897.8	557.5	317.7	152.4	65.4	0.0
-40°	1201.9	842.4	527.9	302.9	147.4	63.3	0.0
-42.5°	1122.7	783.7	496.6	287.1	141.9	61.0	0.0
-45°	1038.4	721.8	463.6	270.5	136.0	58.6	0.0
-47.5°	949.7	656.9	428.9	253.0	129.7	56.1	0.0
-50°	866.1	589.2	392.8	234.5	123.0	53.4	0.0
-52.5°	781.3	542.7	355.3	215.1	115.9	50.7	0.0
-55°	694.1	494.6	326.1	194.9	108.5	47.8	0.0
-57.5°	605.1	445.1	298.1	173.9	100.7	44.9	0.0
-60°	545.4	394.3	269.0	160.4	92.6	41.8	0.0
-62.5°	484.2	349.9	239.0	147.0	84.1	38.7	0.0
-65°	421.8	310.7	208.0	133.1	75.4	35.4	0.0
-67.5°	366.1	270.4	181.5	118.6	67.3	32.1	0.0
-70°	316.2	229.3	160.0	103.7	60.3	28.7	0.0
-72.5°	265.2	193.8	137.9	88.4	53.1	25.3	0.0
-75°	216.6	163.6	115.1	73.5	45.7	21.8	0.0
-77.5°	177.0	132.8	91.7	61.6	38.3	18.2	0.0
-80°	136.6	101.4	71.9	49.5	30.7	14.6	0.0
-82.5°	96.5	74.8	54.2	37.3	23.1	11.0	0.0
-85°	64.6	50.1	36.2	24.9	15.4	7.3	0.0
-87.5°	32.4	25.1	18.2	12.5	7.7	3.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)