

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: P902053 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 11/13/2024

Test Information

Test Method: LM-79-08
Report Number: P902053 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (LVM2046900)
Test Lab: INNOVATION CENTER
Issue Date: 11/13/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-AV-03-1360S-57-85-A35-MB-LTM
Description: ARENAVISION LUMINAIRE
5700K, 85 CRI LEDS AND A35-MB-LTM OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

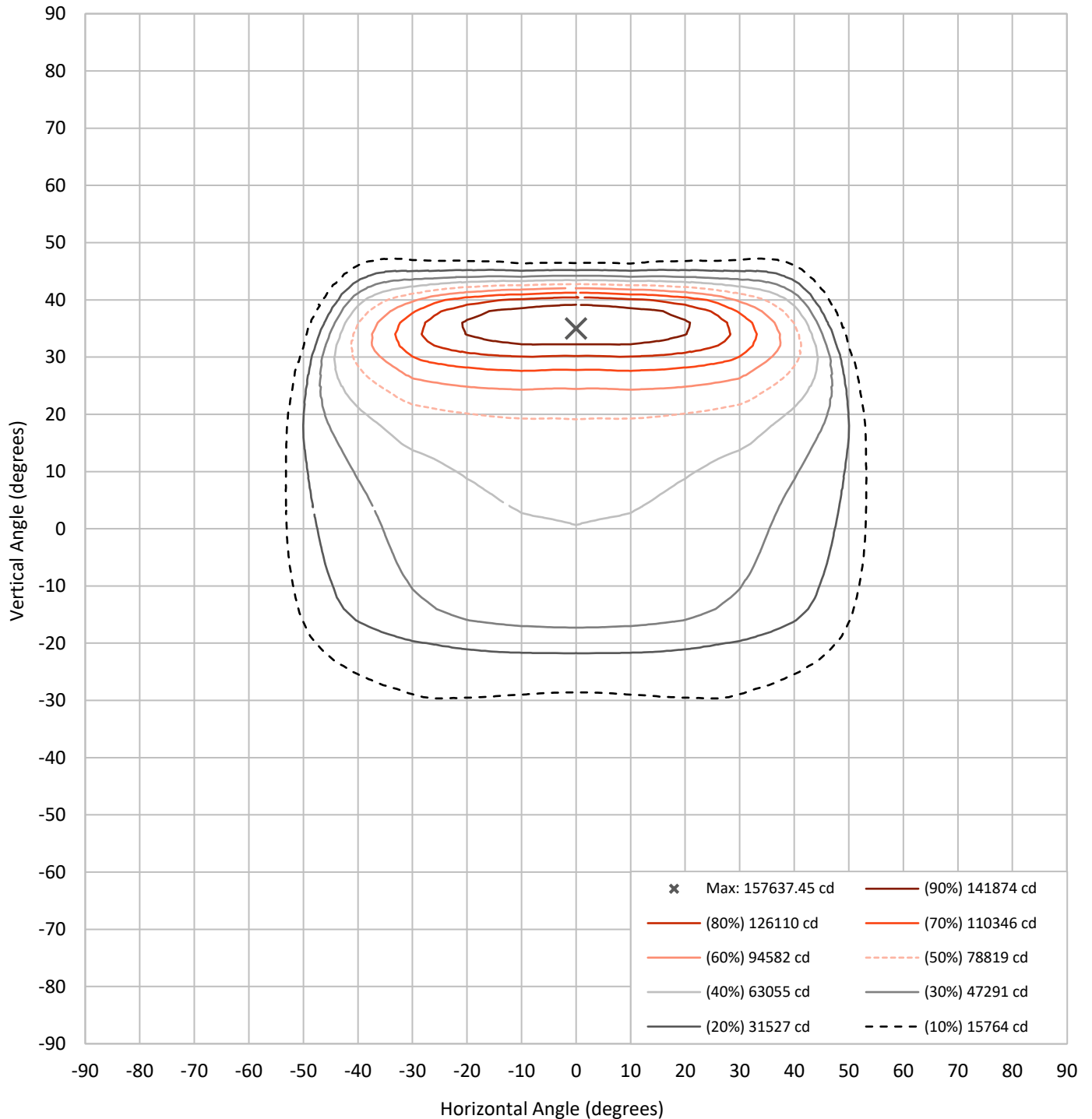
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	133203.8 lumens	Max Intensity:	157637.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 35°V
Efficacy:	94.3 lumens/watt		
Luminous Opening:	Rectangular (W 2m x L: 2m x H: 0m)		

Beam Angle (50%):	81.2°H x 23.7°V	Field Angle (10%):	98°H x 74.9°V
Beam Lumens:	52246.1 lumens	Field Lumens:	126422.4 lumens
Beam Efficiency:	39.2%	Field Efficiency:	94.9%

Input Watts (W): 1413
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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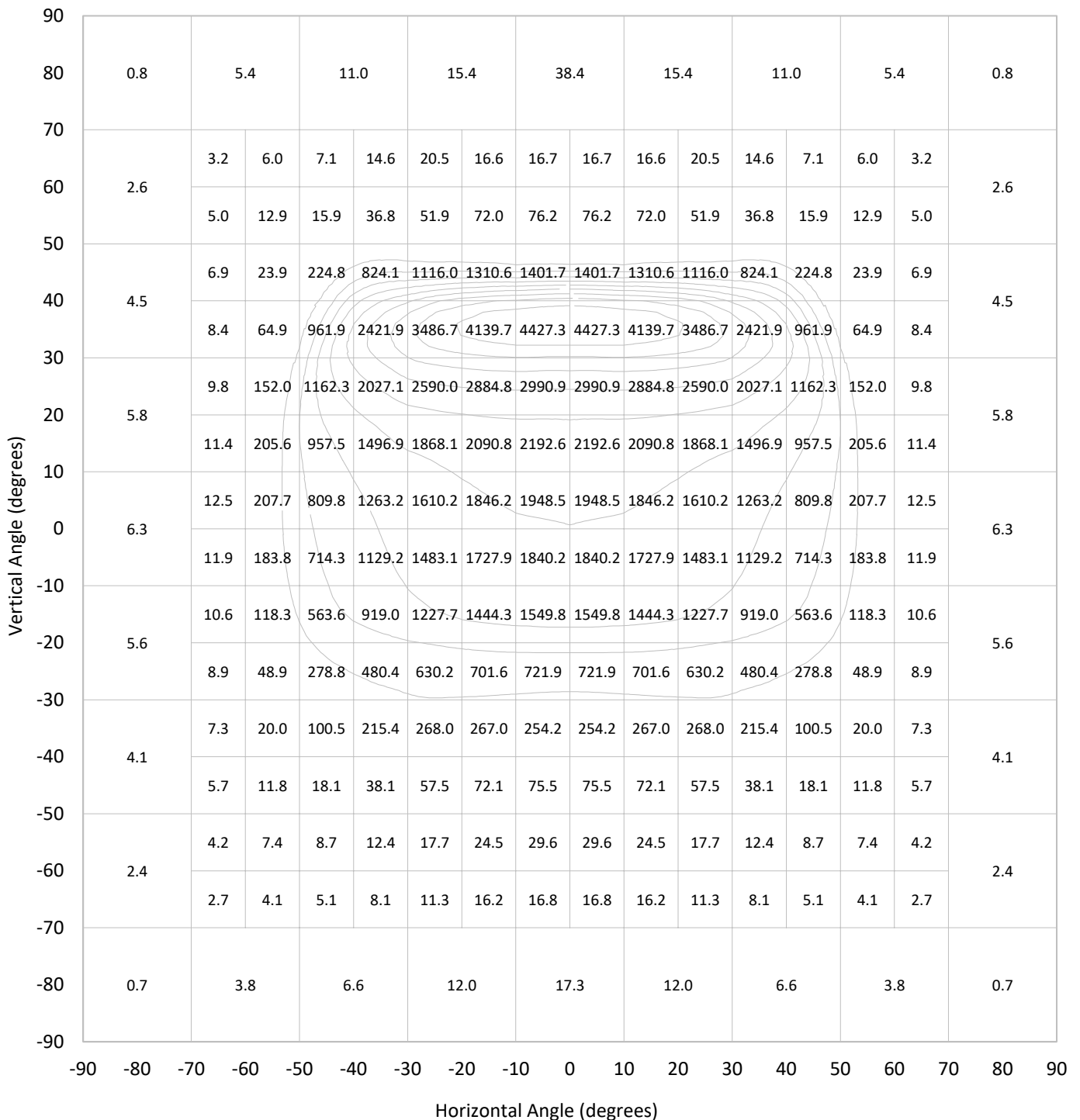
Iso-Candela Plot





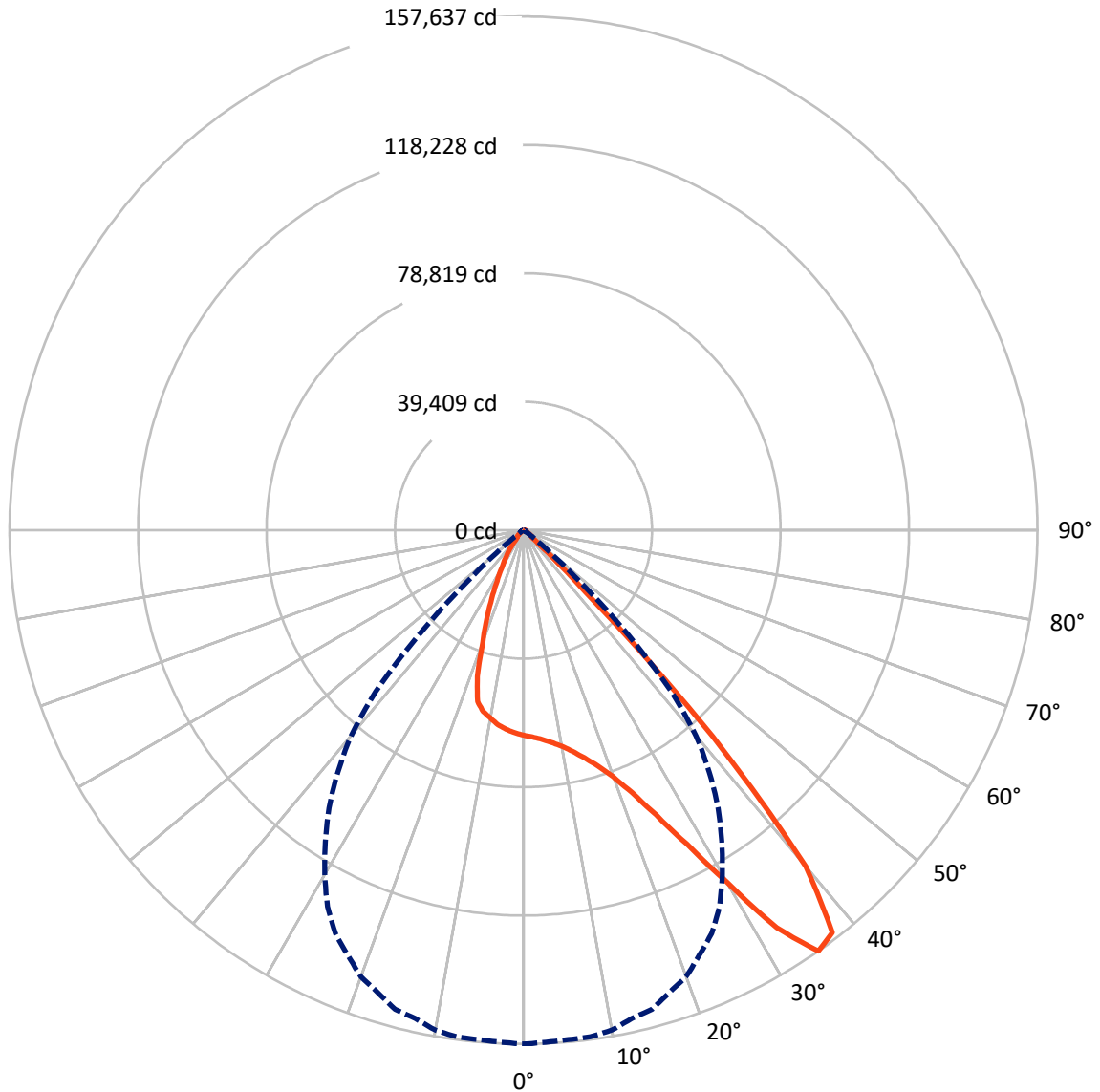
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Lumen Table



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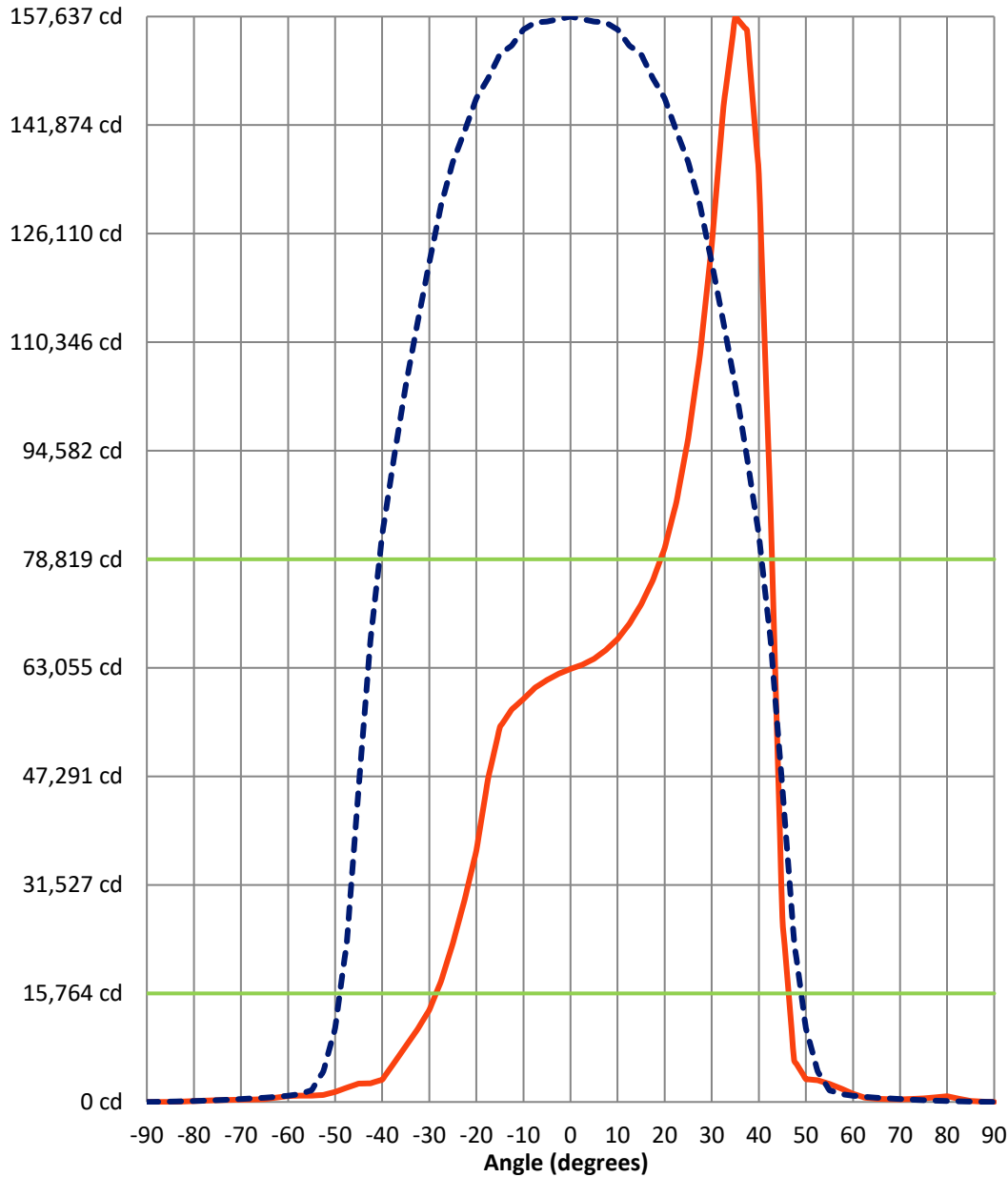
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 81.2°
 V Angle: 23.7°
 Lumens: 52246.1
 Efficiency: 39.2%

Field:
 H Angle: 98°
 V Angle: 74.9°
 Lumens: 126422.4
 Efficiency: 94.9%

Spill:
 Lumens: 6781.5
 Efficiency: 5.1%

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



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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.5	3.3	5.0	7.0	9.1	11.8	14.2	17.5	20.2	22.3
85°	0.0	3.0	6.7	10.0	14.0	18.1	23.6	28.4	34.9	40.3	44.4
82.5°	0.0	4.5	10.0	14.9	20.9	27.2	35.3	42.3	51.3	59.7	65.8
80°	0.0	6.0	13.3	19.9	27.7	35.8	45.8	55.6	67.1	78.8	87.8
77.5°	0.0	7.5	16.5	24.8	34.2	43.6	56.0	68.6	83.5	99.7	112.6
75°	0.0	8.9	19.7	29.6	40.2	51.3	66.0	83.1	101.5	120.7	138.1
72.5°	0.0	10.4	22.8	34.2	46.0	58.9	77.7	98.3	119.2	143.1	165.6
70°	0.0	11.8	25.9	38.5	51.8	67.5	89.7	113.1	139.1	165.9	192.0
67.5°	0.0	13.2	28.9	42.8	57.5	77.3	101.4	129.8	158.9	187.8	217.0
65°	0.0	14.6	31.6	47.1	64.1	86.7	114.1	146.4	177.9	208.7	244.0
62.5°	0.0	15.9	34.2	51.2	71.3	96.0	127.9	162.5	195.8	230.7	275.9
60°	0.0	17.2	36.6	55.1	78.4	105.9	141.3	177.0	212.9	259.3	306.0
57.5°	0.0	18.5	39.0	59.1	85.2	116.9	154.3	190.9	236.1	287.4	332.7
55°	0.0	19.7	41.2	63.9	91.8	127.4	166.0	204.4	260.3	313.0	359.8
52.5°	0.0	20.9	43.4	68.6	98.4	137.5	177.2	224.3	283.6	337.9	397.3
50°	0.0	22.0	45.4	73.1	105.9	147.1	187.9	244.2	304.9	364.5	432.6
47.5°	0.0	23.1	47.4	77.4	113.0	155.4	198.8	263.4	325.8	393.3	472.0
45°	0.0	24.1	49.2	81.5	119.8	163.2	214.0	281.3	345.9	420.1	509.6
42.5°	0.0	25.1	50.9	85.3	126.3	170.6	228.1	297.1	368.4	447.4	542.4
40°	0.0	26.1	52.5	88.7	132.3	177.4	241.3	311.5	390.0	473.9	570.0
37.5°	0.0	27.0	54.0	91.8	138.0	183.8	253.3	324.5	410.5	500.9	593.6
35°	0.0	27.7	55.7	95.1	143.0	192.1	263.8	338.1	429.4	526.6	616.8
32.5°	0.0	28.4	57.5	98.4	147.6	200.9	272.7	351.6	448.7	550.6	652.0
30°	0.0	29.0	59.0	101.4	151.8	208.9	280.3	363.7	466.6	570.7	685.0
27.5°	0.0	29.6	60.5	104.1	155.0	216.1	287.2	374.5	483.5	589.3	714.1
25°	0.0	30.1	61.7	106.4	157.8	222.4	293.1	384.0	499.4	609.5	736.2
22.5°	0.0	30.6	62.8	108.4	160.1	227.9	298.0	394.7	513.6	630.5	756.5
20°	0.0	31.0	63.8	110.1	162.0	232.6	302.7	406.1	527.0	649.4	777.1
17.5°	0.0	31.3	64.5	111.7	163.4	236.6	309.3	416.3	539.7	668.0	796.0
15°	0.0	31.6	65.1	112.9	164.5	239.6	315.4	425.9	551.0	688.1	820.2
12.5°	0.0	31.8	65.6	113.9	165.5	241.7	320.3	434.6	560.9	707.1	849.4
10°	0.0	32.0	65.8	114.5	166.4	243.4	324.2	441.6	569.1	726.7	878.7
7.5°	0.0	32.1	65.9	114.9	166.8	244.6	326.9	446.8	575.4	745.3	910.5
5°	0.0	32.1	65.9	114.9	166.8	245.2	328.5	449.7	578.8	757.3	936.3
2.5°	0.0	32.1	65.7	114.7	166.5	245.0	328.8	450.7	579.9	759.9	938.3
0°	0.0	32.0	65.3	114.1	165.7	244.1	328.0	450.0	578.9	759.2	936.8
-2.5°	0.0	32.0	65.4	114.2	165.8	244.2	327.7	447.3	572.6	743.7	912.2
-5°	0.0	31.9	65.3	114.0	165.5	243.6	326.3	443.0	564.5	725.6	884.3
-7.5°	0.0	31.8	65.0	113.4	164.9	242.3	323.7	437.1	554.8	707.8	861.3
-10°	0.0	31.6	64.6	112.6	163.8	240.3	320.2	429.7	544.0	689.6	836.7
-12.5°	0.0	31.4	64.0	111.5	162.4	237.8	315.9	421.1	531.8	669.7	814.2
-15°	0.0	31.1	63.3	110.0	160.7	234.9	310.7	411.4	519.4	651.6	791.2
-17.5°	0.0	30.7	62.4	108.3	159.1	230.9	304.6	400.8	506.8	631.2	765.2
-20°	0.0	30.3	61.4	106.3	157.2	226.1	297.4	389.0	492.9	607.8	736.1



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	29.9	60.2	104.4	154.8	220.7	290.5	376.1	477.3	581.8	705.7
-25°	0.0	29.4	58.9	102.1	152.1	214.9	283.7	363.5	460.3	554.2	675.1
-27.5°	0.0	28.8	57.4	99.5	149.0	208.6	276.4	350.8	441.7	528.8	643.2
-30°	0.0	28.2	55.7	96.6	145.6	201.6	268.3	337.2	421.8	507.3	610.9
-32.5°	0.0	27.6	54.0	93.4	141.9	194.1	259.1	322.9	400.9	484.7	578.5
-35°	0.0	26.8	52.2	89.9	137.7	186.0	249.3	307.6	378.8	462.3	544.9
-37.5°	0.0	26.1	50.4	86.4	133.1	178.2	238.7	292.8	357.7	437.8	517.6
-40°	0.0	25.2	49.0	83.3	127.7	171.8	227.2	279.5	338.9	411.5	491.9
-42.5°	0.0	24.2	47.4	79.9	121.9	164.7	214.8	265.7	319.3	385.9	464.9
-45°	0.0	23.2	45.7	76.3	115.7	157.1	201.6	251.5	298.8	361.4	435.9
-47.5°	0.0	22.2	43.9	72.5	109.1	148.9	187.7	236.4	282.3	338.8	405.2
-50°	0.0	21.1	42.0	68.4	101.9	140.1	176.1	219.9	266.3	315.3	374.9
-52.5°	0.0	20.0	40.0	64.2	94.2	130.3	164.6	202.8	249.6	294.8	347.9
-55°	0.0	18.8	38.0	59.8	87.4	119.9	152.6	185.6	230.5	275.1	319.7
-57.5°	0.0	17.6	35.8	55.1	80.8	109.1	140.5	171.6	210.7	254.1	295.4
-60°	0.0	16.4	33.5	51.5	74.0	98.1	127.4	157.6	191.1	230.4	269.4
-62.5°	0.0	15.1	31.2	47.9	67.0	88.1	113.9	143.1	173.5	205.6	240.4
-65°	0.0	13.8	28.8	44.2	59.8	79.0	100.0	126.7	155.1	182.6	209.2
-67.5°	0.0	12.5	26.3	40.3	53.3	69.8	87.3	109.8	135.3	160.0	182.0
-70°	0.0	11.2	23.5	36.3	47.9	60.4	76.0	93.0	114.3	136.1	156.5
-72.5°	0.0	9.8	20.7	32.2	42.4	52.2	64.4	79.5	93.4	110.9	128.8
-75°	0.0	8.5	17.8	28.0	36.8	45.3	53.5	65.8	76.9	87.6	100.1
-77.5°	0.0	7.1	14.9	23.5	31.2	38.2	45.2	53.4	60.3	68.8	77.0
-80°	0.0	5.7	12.0	18.9	25.1	31.2	36.7	43.7	47.5	51.3	56.0
-82.5°	0.0	4.3	9.0	14.2	18.9	23.6	28.2	33.9	36.4	39.7	41.7
-85°	0.0	2.9	6.0	9.5	12.6	15.7	18.8	23.0	24.9	28.0	29.1
-87.5°	0.0	1.4	3.0	4.7	6.3	7.9	9.4	11.5	12.4	14.0	14.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	23.6	22.8	20.6	16.8	14.4	14.1	14.8	15.5	16.1	16.8	17.4
85°	46.8	45.1	40.6	32.8	27.9	26.7	27.8	28.9	29.5	30.0	31.2
82.5°	69.4	66.9	60.3	50.2	43.9	43.2	46.0	49.2	53.2	57.1	59.8
80°	94.2	93.6	87.3	74.5	65.4	66.0	71.2	78.1	88.1	98.2	103.4
77.5°	121.2	122.8	118.4	105.7	94.8	94.7	100.6	109.4	123.4	137.9	144.3
75°	151.3	156.7	153.5	139.0	124.1	120.9	128.1	142.0	167.5	202.2	222.7
72.5°	182.4	189.5	187.0	172.6	160.0	154.1	161.5	178.8	215.0	270.7	303.6
70°	211.8	221.6	233.8	231.4	209.0	189.8	191.9	210.0	255.9	327.4	383.4
67.5°	243.5	273.5	296.3	292.9	257.1	228.0	229.9	253.0	297.7	371.0	447.7
65°	285.9	325.7	354.3	355.2	325.6	285.8	281.6	309.3	350.5	410.6	495.4
62.5°	323.4	367.8	413.6	443.0	419.8	372.6	348.0	366.0	404.2	461.0	531.7
60°	354.0	416.7	489.9	547.3	546.3	474.8	415.8	431.3	480.2	526.2	570.3
57.5°	388.6	474.9	581.9	667.3	684.1	596.8	524.6	513.5	562.2	599.2	636.1
55°	430.8	540.2	681.6	778.9	833.1	780.6	673.3	622.7	643.6	681.2	750.7
52.5°	473.7	604.6	754.5	887.1	988.7	953.0	853.0	774.3	750.3	815.9	1517.4
50°	527.1	655.6	818.8	1011.9	1110.8	1188.4	1184.0	1040.6	1306.2	2691.5	4451.3
47.5°	573.7	696.1	890.9	1114.3	1254.3	1520.4	1845.9	2346.8	3858.0	8856.6	11896.1
45°	612.1	749.3	952.4	1175.1	1466.3	2216.9	3281.5	5004.3	12388.9	20498.6	25606.5
42.5°	646.7	806.3	1001.3	1248.1	1857.5	3394.0	5676.6	12297.6	24734.6	36797.4	47233.0
40°	688.9	849.3	1044.0	1309.2	2166.7	5488.9	11214.1	21257.8	39875.6	56477.8	69015.3
37.5°	723.5	880.6	1090.3	1528.1	3284.9	8149.6	16969.8	32351.4	55126.5	72485.5	84625.7
35°	752.3	905.5	1141.7	1714.3	4467.1	10741.0	23357.2	45660.5	67039.6	82362.9	93556.7
32.5°	772.6	935.7	1263.6	2588.1	6494.1	14686.5	31521.8	54751.7	73226.3	85446.8	95660.8
30°	794.9	964.6	1340.4	3193.3	8125.3	18223.8	39803.2	60047.8	72801.1	82174.6	90158.0
27.5°	829.8	1008.8	1649.6	4190.9	10455.7	23727.0	43490.2	59426.8	69206.6	76715.6	83019.8
25°	868.0	1081.8	1954.6	5070.2	12327.6	27936.8	45452.0	57152.1	64808.4	71064.1	76254.7
22.5°	896.6	1133.8	2163.5	5575.1	14147.5	30100.8	44601.0	53789.3	60183.8	65558.1	69915.4
20°	919.4	1177.8	2511.1	6681.4	16380.5	31241.6	43030.1	50542.0	56084.9	60759.4	64491.2
17.5°	946.1	1323.6	2916.6	7350.6	17640.7	31862.4	41503.7	47500.6	52419.4	56631.1	60031.9
15°	975.0	1418.8	3163.9	7720.6	18124.0	31250.7	39421.2	44795.6	49390.9	53360.4	56447.2
12.5°	1013.7	1470.4	3294.5	7981.9	18468.4	30289.3	37635.2	42579.2	46948.2	50659.6	53536.5
10°	1048.2	1499.4	3349.1	8474.0	18567.2	29475.7	36106.4	40666.4	44844.5	48384.3	51179.3
7.5°	1084.1	1496.0	3487.3	8659.8	18646.0	28785.3	34765.9	39018.2	43044.6	46484.4	49264.0
5°	1115.4	1467.8	3555.9	8667.5	18595.8	28212.7	33511.2	37605.1	41490.5	44867.2	47649.5
2.5°	1116.8	1438.0	3566.3	8571.2	18403.7	27677.6	32491.7	36422.3	40154.4	43473.5	46228.9
0°	1111.9	1403.7	3517.7	8449.3	17990.5	26948.8	31574.8	35334.8	38923.3	42163.5	44915.3
-2.5°	1085.4	1379.3	3433.6	8293.7	17349.3	26135.2	30766.2	34360.2	37810.7	40957.1	43717.3
-5°	1055.4	1346.3	3229.7	7932.1	16399.2	25098.9	29930.2	33390.3	36681.9	39754.9	42476.0
-7.5°	1028.5	1305.1	2903.1	7366.7	15165.1	23770.4	28940.0	32289.0	35457.0	38421.7	41079.5
-10°	999.0	1259.7	2506.9	6571.8	13672.2	22141.3	27715.5	31076.1	34126.5	36967.3	39494.3
-12.5°	973.6	1211.1	2257.3	5572.3	11918.5	20149.2	26229.1	29912.4	32909.7	35687.4	38055.4
-15°	943.9	1157.4	1989.8	4741.6	9865.3	17527.6	23941.5	27760.8	30791.0	33757.1	36015.2
-17.5°	907.1	1096.8	1715.3	3884.0	8156.5	14206.3	20551.8	23760.0	26502.8	29113.6	31311.5
-20°	869.2	1027.8	1437.2	3004.3	6387.5	11179.7	16261.7	19410.7	21465.0	23633.9	25632.1



REPORT NUMBER: P902053 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-MB-LTM

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	831.3	977.6	1235.1	2139.7	4762.0	8593.8	12808.1	15969.6	17576.0	19356.7	21106.6
-25°	791.7	927.2	1142.9	1792.6	3606.0	6694.1	10190.4	13302.5	14690.0	16046.7	17374.5
-27.5°	753.2	874.4	1045.0	1459.7	2670.6	5160.1	8240.2	10932.8	12571.7	13698.2	14654.0
-30°	716.8	828.5	960.0	1192.9	1853.2	3770.5	6594.4	8955.4	10603.3	11761.2	12559.2
-32.5°	683.0	787.1	904.9	1079.7	1493.7	2752.3	4909.8	6692.0	8153.2	9845.8	10762.0
-35°	649.4	746.4	848.0	970.6	1143.8	1786.0	3344.0	4142.0	5533.3	7197.7	8504.6
-37.5°	613.9	707.9	803.2	898.8	1010.5	1335.3	1889.9	2350.1	3079.3	4467.2	5751.7
-40°	577.8	669.9	760.2	820.8	885.1	978.7	1191.1	1389.5	1673.6	2227.9	3152.2
-42.5°	541.8	631.5	707.1	757.2	801.8	806.5	830.6	921.6	1090.9	1309.2	1504.7
-45°	511.0	591.0	652.9	694.0	706.0	684.2	667.9	689.0	830.8	952.2	1012.9
-47.5°	479.2	545.8	599.3	634.8	624.1	583.4	556.1	595.5	686.1	768.2	808.3
-50°	445.0	503.2	543.6	566.5	548.7	503.6	470.7	514.5	567.9	596.5	608.8
-52.5°	409.2	460.7	493.4	499.8	477.5	438.2	419.7	444.3	474.3	481.4	498.8
-55°	372.5	416.0	444.7	441.6	412.1	378.4	374.0	391.2	412.8	429.3	451.2
-57.5°	336.9	371.0	390.3	385.3	355.6	326.0	330.0	351.4	368.5	391.3	419.6
-60°	304.1	329.1	340.6	330.6	305.1	286.1	289.9	309.9	329.5	353.0	383.9
-62.5°	272.2	290.4	295.9	281.3	258.1	246.9	255.9	271.6	290.3	313.0	340.6
-65°	237.4	253.6	255.1	237.3	216.6	207.7	220.5	234.1	251.3	272.2	296.3
-67.5°	201.5	215.0	214.4	199.7	181.2	175.1	187.5	196.3	210.3	228.6	248.8
-70°	171.9	177.9	175.4	163.6	150.1	148.5	157.7	163.5	173.5	185.6	198.6
-72.5°	143.6	147.2	141.5	129.1	119.1	121.5	130.7	136.3	142.0	149.9	158.3
-75°	112.8	115.7	111.4	101.3	92.3	95.1	102.0	106.3	111.1	119.1	128.3
-77.5°	84.2	83.0	80.0	73.2	67.5	72.4	77.5	78.7	81.5	87.3	94.2
-80°	62.3	58.7	54.4	47.1	41.7	46.2	50.3	51.2	53.4	58.0	62.9
-82.5°	44.6	38.5	34.4	29.3	25.5	27.4	28.3	27.1	25.8	27.5	28.1
-85°	31.3	26.6	24.2	19.4	15.9	16.2	15.2	13.2	10.6	10.8	9.5
-87.5°	16.0	13.7	12.8	10.6	9.0	9.5	8.6	7.7	6.7	7.0	7.3
-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: P902053 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.8	19.9	18.7	19.1	19.5	19.9	20.2	20.4	22.2	25.8	30.2
85°	33.0	36.7	36.6	38.0	39.3	40.4	41.4	42.3	45.0	54.8	69.2
82.5°	63.1	67.1	68.8	69.8	71.1	72.2	74.0	77.1	84.8	104.9	163.3
80°	106.2	108.2	109.8	109.0	108.1	108.6	110.8	116.0	127.8	158.2	267.0
77.5°	150.0	157.8	161.8	158.4	153.8	152.6	151.4	154.4	162.4	183.7	249.0
75°	229.9	236.3	231.8	215.3	202.5	197.6	192.7	191.3	194.6	206.3	229.2
72.5°	307.4	323.9	330.4	307.6	277.1	257.1	244.5	237.9	238.4	246.1	257.0
70°	412.7	466.0	504.5	472.6	398.7	336.7	304.5	290.4	287.5	291.4	298.1
67.5°	525.5	627.1	700.6	657.2	541.1	460.7	415.6	385.9	367.0	358.6	356.2
65°	605.3	724.4	821.7	827.9	771.7	682.9	584.0	500.3	449.2	427.9	418.1
62.5°	619.2	748.4	883.6	967.6	985.5	928.8	824.5	720.8	658.6	619.4	597.8
60°	630.7	754.2	894.6	1016.6	1117.1	1179.1	1198.3	1206.9	1186.8	1177.3	1175.8
57.5°	686.0	776.2	868.1	1045.7	1261.4	1506.5	1798.8	1997.4	2075.7	2104.4	2093.8
55°	824.0	1051.2	1121.2	1336.0	1592.9	1962.6	2337.3	2587.4	2735.8	2789.2	2720.6
52.5°	1801.0	2169.4	2102.9	2118.7	2119.5	2240.4	2470.4	2623.6	2782.5	2945.7	3028.0
50°	5046.5	4939.5	3996.7	3880.3	3546.8	3544.8	3542.3	3365.6	3457.7	3511.9	3474.2
47.5°	12579.7	12621.6	10686.7	10118.9	9000.3	9504.9	8876.9	7911.3	8046.2	7328.0	6348.0
45°	29659.9	30434.0	29281.5	29284.8	28031.5	30068.8	29106.5	29162.2	29543.8	27097.6	25523.5
42.5°	53852.6	57674.6	60957.3	64093.5	67981.1	71616.3	74587.9	75985.2	79149.1	81334.9	81381.4
40°	77801.2	85228.6	92061.1	99527.4	108878.6	112527.3	118556.3	120856.2	124843.5	127083.1	128254.6
37.5°	94614.7	104325.4	112876.5	122049.9	130785.7	134978.7	140631.9	143947.8	148378.5	149420.6	151414.4
35°	104029.4	113158.1	121892.8	130228.0	136504.4	140996.1	145755.9	148677.7	152149.7	153424.9	155740.7
32.5°	104245.6	111630.5	119524.7	126142.4	130420.3	133895.8	137200.9	139653.7	141720.2	142933.8	144474.3
30°	96831.0	103253.7	109997.1	114427.3	116793.6	119234.4	121165.1	122619.0	124174.6	124667.9	125455.9
27.5°	88221.5	93633.4	99207.1	101640.6	103438.5	105083.8	106321.7	107553.5	108462.8	108655.1	109284.5
25°	80419.1	85270.4	89434.3	91117.8	92555.4	93750.0	94862.5	95700.3	96378.7	96636.6	97013.9
22.5°	73658.5	77848.6	80982.0	82295.8	83611.2	84685.6	85554.3	86314.9	86833.5	87171.6	87514.1
20°	67746.8	71570.0	74243.3	75257.4	76586.6	77646.5	78396.1	79145.3	79695.1	80118.3	80356.8
17.5°	63108.7	66692.2	68866.6	69830.8	71252.8	72360.5	73163.5	73891.1	74477.6	74861.6	75091.8
15°	59345.0	62705.9	64704.2	65740.4	67123.8	68287.9	69225.1	69934.9	70440.3	70946.7	71337.8
12.5°	56349.0	59591.6	61381.7	62488.1	63874.9	65112.1	66167.3	66898.2	67459.6	67940.9	68476.8
10°	53929.5	57187.4	58828.3	60006.2	61482.1	62803.8	63885.6	64681.4	65283.7	65908.1	66357.7
7.5°	52032.6	55075.6	56771.3	58074.8	59662.3	61040.3	62242.2	63120.4	63825.2	64429.7	64838.5
5°	50454.1	53467.1	55178.0	56515.8	58217.6	59750.5	61022.3	62025.2	62785.3	63343.3	63721.6
2.5°	49076.1	52204.2	53949.8	55323.5	57083.2	58710.6	60089.4	61155.9	61943.7	62563.4	62964.6
0°	47767.2	50941.4	52870.4	54188.8	55985.9	57706.5	59135.9	60214.4	61074.5	61780.0	62281.4
-2.5°	46525.3	49684.7	51784.8	53191.0	54975.9	56657.9	58052.5	59154.3	60042.5	60792.3	61332.8
-5°	45204.8	48418.9	50702.0	52177.6	53916.0	55533.9	56938.4	58110.4	59009.1	59780.0	60380.7
-7.5°	43738.2	46910.1	49388.2	51039.4	52766.4	54383.9	55798.5	56956.0	57904.9	58720.4	59341.1
-10°	42007.4	45059.0	47681.3	49331.5	51073.7	52700.7	54151.0	55304.0	56279.4	57061.2	57715.7
-12.5°	40471.5	43272.6	45898.9	47442.2	49236.1	50928.1	52339.0	53490.8	54407.9	55203.6	55862.3
-15°	38366.2	40902.9	43359.6	45002.6	46710.5	48501.6	49877.5	50944.0	51899.1	52753.2	53501.5
-17.5°	33295.2	35452.8	37677.9	38979.7	40396.4	41753.8	42998.6	43977.2	44764.8	45432.5	46083.2
-20°	27158.5	28730.5	30423.4	31549.0	32343.0	33341.6	34106.8	34824.1	35442.2	35971.6	36273.1



REPORT NUMBER: P902053 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	22632.0	23988.8	25363.5	26309.9	26845.6	27476.8	28033.0	28416.9	28803.4	29052.7	29162.0
-25°	18743.8	20066.1	21315.9	22154.3	22435.0	22771.0	23061.3	23284.3	23391.3	23358.0	23314.6
-27.5°	15512.4	16394.2	17506.6	18395.8	18512.7	18581.2	18651.5	18604.3	18553.0	18284.8	18160.4
-30°	13156.9	13731.3	14457.0	15204.1	15409.6	15229.3	15081.3	14912.0	14700.7	14382.1	14150.7
-32.5°	11184.8	11517.2	11944.1	12492.4	12765.8	12503.7	12263.5	11993.3	11754.6	11459.1	11272.8
-35°	9087.6	9287.7	9485.2	9791.5	10037.9	9841.2	9539.6	9289.6	9035.4	8815.2	8626.2
-37.5°	6564.6	6782.2	6841.4	6921.1	7030.0	6950.5	6705.1	6469.2	6270.5	6118.9	5980.8
-40°	3896.6	4351.9	4340.4	4312.3	4188.6	4255.9	4053.6	4020.3	3839.5	3733.3	3691.8
-42.5°	1970.7	2301.4	2580.5	2625.1	2708.1	2831.8	2774.1	2845.9	2790.9	2736.8	2809.6
-45°	1126.0	1307.9	1463.3	1662.5	1914.3	2222.3	2505.4	2599.4	2606.0	2671.4	2702.1
-47.5°	849.1	878.8	884.0	976.4	1062.2	1362.8	1685.3	1859.9	1921.3	1975.1	2033.0
-50°	617.1	642.3	651.5	704.5	742.8	839.5	958.4	1030.0	1136.2	1241.7	1347.2
-52.5°	516.9	553.2	592.8	641.3	687.4	728.3	757.9	781.3	817.3	907.3	986.4
-55°	480.1	517.9	564.0	609.0	646.0	671.1	689.1	722.2	788.0	853.0	880.1
-57.5°	454.5	490.0	530.2	567.6	597.1	613.6	632.2	695.1	784.6	830.9	858.2
-60°	420.0	455.2	489.6	517.8	536.4	549.0	583.2	669.6	748.3	783.0	793.0
-62.5°	372.7	408.1	438.8	459.6	469.5	482.4	539.0	629.0	675.6	689.4	686.7
-65°	324.4	355.2	379.6	392.6	401.0	420.6	478.0	550.7	581.4	582.7	581.7
-67.5°	273.3	298.0	316.6	324.7	331.9	352.9	393.3	437.2	465.5	479.1	486.5
-70°	215.7	235.5	252.0	262.0	270.8	287.6	313.2	338.4	360.3	378.8	391.3
-72.5°	168.3	180.9	192.0	199.4	207.2	218.7	234.2	251.4	267.8	283.4	297.9
-75°	135.2	143.1	149.1	153.6	158.8	164.4	169.4	178.9	187.8	198.7	212.9
-77.5°	100.2	107.2	111.6	116.0	120.4	125.4	129.3	135.1	139.9	145.4	156.0
-80°	67.4	71.8	74.2	76.7	80.0	83.1	85.5	88.0	90.3	93.7	100.4
-82.5°	29.9	32.0	33.6	34.8	37.6	39.6	40.3	41.9	43.9	45.3	48.5
-85°	8.5	8.2	7.5	7.0	7.8	6.9	6.5	6.6	7.1	6.9	7.4
-87.5°	5.9	6.0	4.4	4.3	4.3	2.6	2.6	1.2	1.2	1.2	1.2
-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: P902053 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-MB-LTM

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°	38.7	47.3	51.5	53.0	51.5	47.3	38.7	30.2	25.8	22.2	20.4
85°	97.8	124.7	142.5	147.4	142.5	124.7	97.8	69.2	54.8	45.0	42.3
82.5°	277.7	382.4	455.5	471.6	455.5	382.4	277.7	163.3	104.9	84.8	77.1
80°	478.4	670.7	806.7	835.5	806.7	670.7	478.4	267.0	158.2	127.8	116.0
77.5°	384.5	511.4	625.6	672.7	625.6	511.4	384.5	249.0	183.7	162.4	154.4
75°	294.2	364.8	459.8	522.3	459.8	364.8	294.2	229.2	206.3	194.6	191.3
72.5°	295.7	340.3	402.5	441.3	402.5	340.3	295.7	257.0	246.1	238.4	237.9
70°	318.7	341.5	364.8	371.3	364.8	341.5	318.7	298.1	291.4	287.5	290.4
67.5°	366.9	385.6	405.8	413.4	405.8	385.6	366.9	356.2	358.6	367.0	385.9
65°	422.1	437.5	454.3	463.1	454.3	437.5	422.1	418.1	427.9	449.2	500.3
62.5°	598.0	612.3	629.2	634.8	629.2	612.3	598.0	597.8	619.4	658.6	720.8
60°	1184.6	1196.0	1200.4	1195.5	1200.4	1196.0	1184.6	1175.8	1177.3	1186.8	1206.9
57.5°	2038.4	1996.3	1966.8	1948.2	1966.8	1996.3	2038.4	2093.8	2104.4	2075.7	1997.4
55°	2667.4	2641.6	2632.9	2624.9	2632.9	2641.6	2667.4	2720.6	2789.2	2735.8	2587.4
52.5°	3084.6	3115.5	3150.0	3152.8	3150.0	3115.5	3084.6	3028.0	2945.7	2782.5	2623.6
50°	3404.6	3354.0	3353.9	3325.4	3353.9	3354.0	3404.6	3474.2	3511.9	3457.7	3365.6
47.5°	5726.5	6095.8	6144.6	6080.3	6144.6	6095.8	5726.5	6348.0	7328.0	8046.2	7911.3
45°	27101.8	27582.3	27462.4	26873.2	27462.4	27582.3	27101.8	25523.5	27097.6	29543.8	29162.2
42.5°	82628.1	84339.5	85893.6	85890.6	85893.6	84339.5	82628.1	81381.4	81334.9	79149.1	75985.2
40°	130237.5	132445.8	134168.6	134756.4	134168.6	132445.8	130237.5	128254.6	127083.1	124843.5	120856.2
37.5°	153896.6	154845.6	155200.0	155589.7	155200.0	154845.6	153896.6	151414.4	149420.6	148378.5	143947.8
35°	156781.7	156909.7	157257.2	157637.5	157257.2	156909.7	156781.7	155740.7	153424.9	152149.7	148677.7
32.5°	144547.8	144483.1	144712.4	144586.0	144712.4	144483.1	144547.8	144474.3	142933.8	141720.2	139653.7
30°	125560.3	124678.2	124272.2	124435.3	124272.2	124678.2	125560.3	125455.9	124667.9	124174.6	122619.0
27.5°	109152.6	108269.2	108203.6	108507.7	108203.6	108269.2	109152.6	109284.5	108655.1	108462.8	107553.5
25°	96668.6	96113.3	96017.0	96384.6	96017.0	96113.3	96668.6	97013.9	96636.6	96378.7	95700.3
22.5°	87375.6	86971.7	86912.8	87142.0	86912.8	86971.7	87375.6	87514.1	87171.6	86833.5	86314.9
20°	80435.4	80187.8	80277.6	80438.8	80277.6	80187.8	80435.4	80356.8	80118.3	79695.1	79145.3
17.5°	75339.8	75183.3	75389.8	75792.5	75389.8	75183.3	75339.8	75091.8	74861.6	74477.6	73891.1
15°	71546.4	71472.1	71768.3	72262.1	71768.3	71472.1	71546.4	71337.8	70946.7	70440.3	69934.9
12.5°	68719.8	68715.4	69039.6	69448.7	69039.6	68715.4	68719.8	68476.8	67940.9	67459.6	66898.2
10°	66611.9	66648.5	66939.2	67238.0	66939.2	66648.5	66611.9	66357.7	65908.1	65283.7	64681.4
7.5°	65027.1	65149.5	65359.6	65627.3	65359.6	65149.5	65027.1	64838.5	64429.7	63825.2	63120.4
5°	63929.9	64033.2	64195.8	64364.6	64195.8	64033.2	63929.9	63721.6	63343.3	62785.3	62025.2
2.5°	63140.6	63250.9	63388.1	63499.0	63388.1	63250.9	63140.6	62964.6	62563.4	61943.7	61155.9
0°	62453.1	62549.0	62710.9	62891.2	62710.9	62549.0	62453.1	62281.4	61780.0	61074.5	60214.4
-2.5°	61594.3	61760.3	61990.4	62195.5	61990.4	61760.3	61594.3	61332.8	60792.3	60042.5	59154.3
-5°	60680.9	60859.6	61072.6	61276.7	61072.6	60859.6	60680.9	60380.7	59780.0	59009.1	58110.4
-7.5°	59650.6	59784.6	60102.7	60180.8	60102.7	59784.6	59650.6	59341.1	58720.4	57904.9	56956.0
-10°	58049.7	58246.3	58569.5	58525.9	58569.5	58246.3	58049.7	57715.7	57061.2	56279.4	55304.0
-12.5°	56220.6	56580.6	56920.5	56988.3	56920.5	56580.6	56220.6	55862.3	55203.6	54407.9	53490.8
-15°	53501.9	54120.2	54286.9	54426.8	54286.9	54120.2	53501.9	53501.5	52753.2	51899.1	50944.0
-17.5°	46244.5	46855.0	46909.6	47000.0	46909.6	46855.0	46244.5	46083.2	45432.5	44764.8	43977.2
-20°	36624.2	36634.1	36584.5	36515.1	36584.5	36634.1	36624.2	36273.1	35971.6	35442.2	34824.1



REPORT NUMBER: P902053 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-MB-LTM

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	29219.0	29285.8	29364.4	29356.8	29364.4	29285.8	29219.0	29162.0	29052.7	28803.4	28416.9
-25°	23166.2	23070.0	23048.9	23035.8	23048.9	23070.0	23166.2	23314.6	23358.0	23391.3	23284.3
-27.5°	17882.5	17639.7	17594.6	17547.7	17594.6	17639.7	17882.5	18160.4	18284.8	18553.0	18604.3
-30°	13926.6	13705.4	13508.0	13361.0	13508.0	13705.4	13926.6	14150.7	14382.1	14700.7	14912.0
-32.5°	11037.5	10830.9	10656.0	10553.2	10656.0	10830.9	11037.5	11272.8	11459.1	11754.6	11993.3
-35°	8438.1	8290.0	8185.5	8100.3	8185.5	8290.0	8438.1	8626.2	8815.2	9035.4	9289.6
-37.5°	5851.4	5768.1	5693.0	5647.4	5693.0	5768.1	5851.4	5980.8	6118.9	6270.5	6469.2
-40°	3594.0	3454.6	3338.6	3240.1	3338.6	3454.6	3594.0	3691.8	3733.3	3839.5	4020.3
-42.5°	2790.6	2737.1	2685.4	2712.2	2685.4	2737.1	2790.6	2809.6	2736.8	2790.9	2845.9
-45°	2677.9	2677.1	2678.5	2664.5	2678.5	2677.1	2677.9	2702.1	2671.4	2606.0	2599.4
-47.5°	2087.4	2107.7	2101.9	2084.3	2101.9	2107.7	2087.4	2033.0	1975.1	1921.3	1859.9
-50°	1443.4	1461.9	1460.4	1461.9	1460.4	1461.9	1443.4	1347.2	1241.7	1136.2	1030.0
-52.5°	1021.2	1023.7	1021.0	1024.1	1021.0	1023.7	1021.2	986.4	907.3	817.3	781.3
-55°	895.3	909.5	918.6	918.6	918.6	909.5	895.3	880.1	853.0	788.0	722.2
-57.5°	871.3	876.8	880.3	919.4	880.3	876.8	871.3	858.2	830.9	784.6	695.1
-60°	765.8	751.1	738.2	862.8	738.2	751.1	765.8	793.0	783.0	748.3	669.6
-62.5°	661.9	642.9	607.4	640.5	607.4	642.9	661.9	686.7	689.4	675.6	629.0
-65°	572.3	555.9	505.0	414.4	505.0	555.9	572.3	581.7	582.7	581.4	550.7
-67.5°	486.6	483.7	443.7	355.0	443.7	483.7	486.6	486.5	479.1	465.5	437.2
-70°	400.9	413.5	390.8	329.5	390.8	413.5	400.9	391.3	378.8	360.3	338.4
-72.5°	316.1	343.5	337.7	297.7	337.7	343.5	316.1	297.9	283.4	267.8	251.4
-75°	235.7	271.8	281.2	261.4	281.2	271.8	235.7	212.9	198.7	187.8	178.9
-77.5°	170.4	194.2	203.9	199.3	203.9	194.2	170.4	156.0	145.4	139.9	135.1
-80°	105.4	115.3	121.7	131.1	121.7	115.3	105.4	100.4	93.7	90.3	88.0
-82.5°	51.2	55.7	59.7	63.5	59.7	55.7	51.2	48.5	45.3	43.9	41.9
-85°	7.3	8.0	8.6	9.1	8.6	8.0	7.3	7.4	6.9	7.1	6.6
-87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2
-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: P902053 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
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°	20.2	19.9	19.5	19.1	18.7	19.9	17.8	17.4	16.8	16.1	15.5
85°	41.4	40.4	39.3	38.0	36.6	36.7	33.0	31.2	30.0	29.5	28.9
82.5°	74.0	72.2	71.1	69.8	68.8	67.1	63.1	59.8	57.1	53.2	49.2
80°	110.8	108.6	108.1	109.0	109.8	108.2	106.2	103.4	98.2	88.1	78.1
77.5°	151.4	152.6	153.8	158.4	161.8	157.8	150.0	144.3	137.9	123.4	109.4
75°	192.7	197.6	202.5	215.3	231.8	236.3	229.9	222.7	202.2	167.5	142.0
72.5°	244.5	257.1	277.1	307.6	330.4	323.9	307.4	303.6	270.7	215.0	178.8
70°	304.5	336.7	398.7	472.6	504.5	466.0	412.7	383.4	327.4	255.9	210.0
67.5°	415.6	460.7	541.1	657.2	700.6	627.1	525.5	447.7	371.0	297.7	253.0
65°	584.0	682.9	771.7	827.9	821.7	724.4	605.3	495.4	410.6	350.5	309.3
62.5°	824.5	928.8	985.5	967.6	883.6	748.4	619.2	531.7	461.0	404.2	366.0
60°	1198.3	1179.1	1117.1	1016.6	894.6	754.2	630.7	570.3	526.2	480.2	431.3
57.5°	1798.8	1506.5	1261.4	1045.7	868.1	776.2	686.0	636.1	599.2	562.2	513.5
55°	2337.3	1962.6	1592.9	1336.0	1121.2	1051.2	824.0	750.7	681.2	643.6	622.7
52.5°	2470.4	2240.4	2119.5	2118.7	2102.9	2169.4	1801.0	1517.4	815.9	750.3	774.3
50°	3542.3	3544.8	3546.8	3880.3	3996.7	4939.5	5046.5	4451.3	2691.5	1306.2	1040.6
47.5°	8876.9	9504.9	9000.3	10118.9	10686.7	12621.6	12579.7	11896.1	8856.6	3858.0	2346.8
45°	29106.5	30068.8	28031.5	29284.8	29281.5	30434.0	29659.9	25606.5	20498.6	12388.9	5004.3
42.5°	74587.9	71616.3	67981.1	64093.5	60957.3	57674.6	53852.6	47233.0	36797.4	24734.6	12297.6
40°	118556.3	112527.3	108878.6	99527.4	92061.1	85228.6	77801.2	69015.3	56477.8	39875.6	21257.8
37.5°	140631.9	134978.7	130785.7	122049.9	112876.5	104325.4	94614.7	84625.7	72485.5	55126.5	32351.4
35°	145755.9	140996.1	136504.4	130228.0	121892.8	113158.1	104029.4	93556.7	82362.9	67039.6	45660.5
32.5°	137200.9	133895.8	130420.3	126142.4	119524.7	111630.5	104245.6	95660.8	85446.8	73226.3	54751.7
30°	121165.1	119234.4	116793.6	114427.3	109997.1	103253.7	96831.0	90158.0	82174.6	72801.1	60047.8
27.5°	106321.7	105083.8	103438.5	101640.6	99207.1	93633.4	88221.5	83019.8	76715.6	69206.6	59426.8
25°	94862.5	93750.0	92555.4	91117.8	89434.3	85270.4	80419.1	76254.7	71064.1	64808.4	57152.1
22.5°	85554.3	84685.6	83611.2	82295.8	80982.0	77848.6	73658.5	69915.4	65558.1	60183.8	53789.3
20°	78396.1	77646.5	76586.6	75257.4	74243.3	71570.0	67746.8	64491.2	60759.4	56084.9	50542.0
17.5°	73163.5	72360.5	71252.8	69830.8	68866.6	66692.2	63108.7	60031.9	56631.1	52419.4	47500.6
15°	69225.1	68287.9	67123.8	65740.4	64704.2	62705.9	59345.0	56447.2	53360.4	49390.9	44795.6
12.5°	66167.3	65112.1	63874.9	62488.1	61381.7	59591.6	56349.0	53536.5	50659.6	46948.2	42579.2
10°	63885.6	62803.8	61482.1	60006.2	58828.3	57187.4	53929.5	51179.3	48384.3	44844.5	40666.4
7.5°	62242.2	61040.3	59662.3	58074.8	56771.3	55075.6	52032.6	49264.0	46484.4	43044.6	39018.2
5°	61022.3	59750.5	58217.6	56515.8	55178.0	53467.1	50454.1	47649.5	44867.2	41490.5	37605.1
2.5°	60089.4	58710.6	57083.2	55323.5	53949.8	52204.2	49076.1	46228.9	43473.5	40154.4	36422.3
0°	59135.9	57706.5	55985.9	54188.8	52870.4	50941.4	47767.2	44915.3	42163.5	38923.3	35334.8
-2.5°	58052.5	56657.9	54975.9	53191.0	51784.8	49684.7	46525.3	43717.3	40957.1	37810.7	34360.2
-5°	56938.4	55533.9	53916.0	52177.6	50702.0	48418.9	45204.8	42476.0	39754.9	36681.9	33390.3
-7.5°	55798.5	54383.9	52766.4	51039.4	49388.2	46910.1	43738.2	41079.5	38421.7	35457.0	32289.0
-10°	54151.0	52700.7	51073.7	49331.5	47681.3	45059.0	42007.4	39494.3	36967.3	34126.5	31076.1
-12.5°	52339.0	50928.1	49236.1	47442.2	45898.9	43272.6	40471.5	38055.4	35687.4	32909.7	29912.4
-15°	49877.5	48501.6	46710.5	45002.6	43359.6	40902.9	38366.2	36015.2	33757.1	30791.0	27760.8
-17.5°	42998.6	41753.8	40396.4	38979.7	37677.9	35452.8	33295.2	31311.5	29113.6	26502.8	23760.0
-20°	34106.8	33341.6	32343.0	31549.0	30423.4	28730.5	27158.5	25632.1	23633.9	21465.0	19410.7



REPORT NUMBER: P902053 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	28033.0	27476.8	26845.6	26309.9	25363.5	23988.8	22632.0	21106.6	19356.7	17576.0	15969.6
-25°	23061.3	22771.0	22435.0	22154.3	21315.9	20066.1	18743.8	17374.5	16046.7	14690.0	13302.5
-27.5°	18651.5	18581.2	18512.7	18395.8	17506.6	16394.2	15512.4	14654.0	13698.2	12571.7	10932.8
-30°	15081.3	15229.3	15409.6	15204.1	14457.0	13731.3	13156.9	12559.2	11761.2	10603.3	8955.4
-32.5°	12263.5	12503.7	12765.8	12492.4	11944.1	11517.2	11184.8	10762.0	9845.8	8153.2	6692.0
-35°	9539.6	9841.2	10037.9	9791.5	9485.2	9287.7	9087.6	8504.6	7197.7	5533.3	4142.0
-37.5°	6705.1	6950.5	7030.0	6921.1	6841.4	6782.2	6564.6	5751.7	4467.2	3079.3	2350.1
-40°	4053.6	4255.9	4188.6	4312.3	4340.4	4351.9	3896.6	3152.2	2227.9	1673.6	1389.5
-42.5°	2774.1	2831.8	2708.1	2625.1	2580.5	2301.4	1970.7	1504.7	1309.2	1090.9	921.6
-45°	2505.4	2222.3	1914.3	1662.5	1463.3	1307.9	1126.0	1012.9	952.2	830.8	689.0
-47.5°	1685.3	1362.8	1062.2	976.4	884.0	878.8	849.1	808.3	768.2	686.1	595.5
-50°	958.4	839.5	742.8	704.5	651.5	642.3	617.1	608.8	596.5	567.9	514.5
-52.5°	757.9	728.3	687.4	641.3	592.8	553.2	516.9	498.8	481.4	474.3	444.3
-55°	689.1	671.1	646.0	609.0	564.0	517.9	480.1	451.2	429.3	412.8	391.2
-57.5°	632.2	613.6	597.1	567.6	530.2	490.0	454.5	419.6	391.3	368.5	351.4
-60°	583.2	549.0	536.4	517.8	489.6	455.2	420.0	383.9	353.0	329.5	309.9
-62.5°	539.0	482.4	469.5	459.6	438.8	408.1	372.7	340.6	313.0	290.3	271.6
-65°	478.0	420.6	401.0	392.6	379.6	355.2	324.4	296.3	272.2	251.3	234.1
-67.5°	393.3	352.9	331.9	324.7	316.6	298.0	273.3	248.8	228.6	210.3	196.3
-70°	313.2	287.6	270.8	262.0	252.0	235.5	215.7	198.6	185.6	173.5	163.5
-72.5°	234.2	218.7	207.2	199.4	192.0	180.9	168.3	158.3	149.9	142.0	136.3
-75°	169.4	164.4	158.8	153.6	149.1	143.1	135.2	128.3	119.1	111.1	106.3
-77.5°	129.3	125.4	120.4	116.0	111.6	107.2	100.2	94.2	87.3	81.5	78.7
-80°	85.5	83.1	80.0	76.7	74.2	71.8	67.4	62.9	58.0	53.4	51.2
-82.5°	40.3	39.6	37.6	34.8	33.6	32.0	29.9	28.1	27.5	25.8	27.1
-85°	6.5	6.9	7.8	7.0	7.5	8.2	8.5	9.5	10.8	10.6	13.2
-87.5°	2.6	2.6	4.3	4.3	4.4	6.0	5.9	7.3	7.0	6.7	7.7
-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: P902053 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-MB-LTM

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°	14.8	14.1	14.4	16.8	20.6	22.8	23.6	22.3	20.2	17.5	14.2
85°	27.8	26.7	27.9	32.8	40.6	45.1	46.8	44.4	40.3	34.9	28.4
82.5°	46.0	43.2	43.9	50.2	60.3	66.9	69.4	65.8	59.7	51.3	42.3
80°	71.2	66.0	65.4	74.5	87.3	93.6	94.2	87.8	78.8	67.1	55.6
77.5°	100.6	94.7	94.8	105.7	118.4	122.8	121.2	112.6	99.7	83.5	68.6
75°	128.1	120.9	124.1	139.0	153.5	156.7	151.3	138.1	120.7	101.5	83.1
72.5°	161.5	154.1	160.0	172.6	187.0	189.5	182.4	165.6	143.1	119.2	98.3
70°	191.9	189.8	209.0	231.4	233.8	221.6	211.8	192.0	165.9	139.1	113.1
67.5°	229.9	228.0	257.1	292.9	296.3	273.5	243.5	217.0	187.8	158.9	129.8
65°	281.6	285.8	325.6	355.2	354.3	325.7	285.9	244.0	208.7	177.9	146.4
62.5°	348.0	372.6	419.8	443.0	413.6	367.8	323.4	275.9	230.7	195.8	162.5
60°	415.8	474.8	546.3	547.3	489.9	416.7	354.0	306.0	259.3	212.9	177.0
57.5°	524.6	596.8	684.1	667.3	581.9	474.9	388.6	332.7	287.4	236.1	190.9
55°	673.3	780.6	833.1	778.9	681.6	540.2	430.8	359.8	313.0	260.3	204.4
52.5°	853.0	953.0	988.7	887.1	754.5	604.6	473.7	397.3	337.9	283.6	224.3
50°	1184.0	1188.4	1110.8	1011.9	818.8	655.6	527.1	432.6	364.5	304.9	244.2
47.5°	1845.9	1520.4	1254.3	1114.3	890.9	696.1	573.7	472.0	393.3	325.8	263.4
45°	3281.5	2216.9	1466.3	1175.1	952.4	749.3	612.1	509.6	420.1	345.9	281.3
42.5°	5676.6	3394.0	1857.5	1248.1	1001.3	806.3	646.7	542.4	447.4	368.4	297.1
40°	11214.1	5488.9	2166.7	1309.2	1044.0	849.3	688.9	570.0	473.9	390.0	311.5
37.5°	16969.8	8149.6	3284.9	1528.1	1090.3	880.6	723.5	593.6	500.9	410.5	324.5
35°	23357.2	10741.0	4467.1	1714.3	1141.7	905.5	752.3	616.8	526.6	429.4	338.1
32.5°	31521.8	14686.5	6494.1	2588.1	1263.6	935.7	772.6	652.0	550.6	448.7	351.6
30°	39803.2	18223.8	8125.3	3193.3	1340.4	964.6	794.9	685.0	570.7	466.6	363.7
27.5°	43490.2	23727.0	10455.7	4190.9	1649.6	1008.8	829.8	714.1	589.3	483.5	374.5
25°	45452.0	27936.8	12327.6	5070.2	1954.6	1081.8	868.0	736.2	609.5	499.4	384.0
22.5°	44601.0	30100.8	14147.5	5575.1	2163.5	1133.8	896.6	756.5	630.5	513.6	394.7
20°	43030.1	31241.6	16380.5	6681.4	2511.1	1177.8	919.4	777.1	649.4	527.0	406.1
17.5°	41503.7	31862.4	17640.7	7350.6	2916.6	1323.6	946.1	796.0	668.0	539.7	416.3
15°	39421.2	31250.7	18124.0	7720.6	3163.9	1418.8	975.0	820.2	688.1	551.0	425.9
12.5°	37635.2	30289.3	18468.4	7981.9	3294.5	1470.4	1013.7	849.4	707.1	560.9	434.6
10°	36106.4	29475.7	18567.2	8474.0	3349.1	1499.4	1048.2	878.7	726.7	569.1	441.6
7.5°	34765.9	28785.3	18646.0	8659.8	3487.3	1496.0	1084.1	910.5	745.3	575.4	446.8
5°	33511.2	28212.7	18595.8	8667.5	3555.9	1467.8	1115.4	936.3	757.3	578.8	449.7
2.5°	32491.7	27677.6	18403.7	8571.2	3566.3	1438.0	1116.8	938.3	759.9	579.9	450.7
0°	31574.8	26948.8	17990.5	8449.3	3517.7	1403.7	1111.9	936.8	759.2	578.9	450.0
-2.5°	30766.2	26135.2	17349.3	8293.7	3433.6	1379.3	1085.4	912.2	743.7	572.6	447.3
-5°	29930.2	25098.9	16399.2	7932.1	3229.7	1346.3	1055.4	884.3	725.6	564.5	443.0
-7.5°	28940.0	23770.4	15165.1	7366.7	2903.1	1305.1	1028.5	861.3	707.8	554.8	437.1
-10°	27715.5	22141.3	13672.2	6571.8	2506.9	1259.7	999.0	836.7	689.6	544.0	429.7
-12.5°	26229.1	20149.2	11918.5	5572.3	2257.3	1211.1	973.6	814.2	669.7	531.8	421.1
-15°	23941.5	17527.6	9865.3	4741.6	1989.8	1157.4	943.9	791.2	651.6	519.4	411.4
-17.5°	20551.8	14206.3	8156.5	3884.0	1715.3	1096.8	907.1	765.2	631.2	506.8	400.8
-20°	16261.7	11179.7	6387.5	3004.3	1437.2	1027.8	869.2	736.1	607.8	492.9	389.0



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	12808.1	8593.8	4762.0	2139.7	1235.1	977.6	831.3	705.7	581.8	477.3	376.1
-25°	10190.4	6694.1	3606.0	1792.6	1142.9	927.2	791.7	675.1	554.2	460.3	363.5
-27.5°	8240.2	5160.1	2670.6	1459.7	1045.0	874.4	753.2	643.2	528.8	441.7	350.8
-30°	6594.4	3770.5	1853.2	1192.9	960.0	828.5	716.8	610.9	507.3	421.8	337.2
-32.5°	4909.8	2752.3	1493.7	1079.7	904.9	787.1	683.0	578.5	484.7	400.9	322.9
-35°	3344.0	1786.0	1143.8	970.6	848.0	746.4	649.4	544.9	462.3	378.8	307.6
-37.5°	1889.9	1335.3	1010.5	898.8	803.2	707.9	613.9	517.6	437.8	357.7	292.8
-40°	1191.1	978.7	885.1	820.8	760.2	669.9	577.8	491.9	411.5	338.9	279.5
-42.5°	830.6	806.5	801.8	757.2	707.1	631.5	541.8	464.9	385.9	319.3	265.7
-45°	667.9	684.2	706.0	694.0	652.9	591.0	511.0	435.9	361.4	298.8	251.5
-47.5°	556.1	583.4	624.1	634.8	599.3	545.8	479.2	405.2	338.8	282.3	236.4
-50°	470.7	503.6	548.7	566.5	543.6	503.2	445.0	374.9	315.3	266.3	219.9
-52.5°	419.7	438.2	477.5	499.8	493.4	460.7	409.2	347.9	294.8	249.6	202.8
-55°	374.0	378.4	412.1	441.6	444.7	416.0	372.5	319.7	275.1	230.5	185.6
-57.5°	330.0	326.0	355.6	385.3	390.3	371.0	336.9	295.4	254.1	210.7	171.6
-60°	289.9	286.1	305.1	330.6	340.6	329.1	304.1	269.4	230.4	191.1	157.6
-62.5°	255.9	246.9	258.1	281.3	295.9	290.4	272.2	240.4	205.6	173.5	143.1
-65°	220.5	207.7	216.6	237.3	255.1	253.6	237.4	209.2	182.6	155.1	126.7
-67.5°	187.5	175.1	181.2	199.7	214.4	215.0	201.5	182.0	160.0	135.3	109.8
-70°	157.7	148.5	150.1	163.6	175.4	177.9	171.9	156.5	136.1	114.3	93.0
-72.5°	130.7	121.5	119.1	129.1	141.5	147.2	143.6	128.8	110.9	93.4	79.5
-75°	102.0	95.1	92.3	101.3	111.4	115.7	112.8	100.1	87.6	76.9	65.8
-77.5°	77.5	72.4	67.5	73.2	80.0	83.0	84.2	77.0	68.8	60.3	53.4
-80°	50.3	46.2	41.7	47.1	54.4	58.7	62.3	56.0	51.3	47.5	43.7
-82.5°	28.3	27.4	25.5	29.3	34.4	38.5	44.6	41.7	39.7	36.4	33.9
-85°	15.2	16.2	15.9	19.4	24.2	26.6	31.3	29.1	28.0	24.9	23.0
-87.5°	8.6	9.5	9.0	10.6	12.8	13.7	16.0	14.6	14.0	12.4	11.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	11.8	9.1	7.0	5.0	3.3	1.5	0.0
85°	23.6	18.1	14.0	10.0	6.7	3.0	0.0
82.5°	35.3	27.2	20.9	14.9	10.0	4.5	0.0
80°	45.8	35.8	27.7	19.9	13.3	6.0	0.0
77.5°	56.0	43.6	34.2	24.8	16.5	7.5	0.0
75°	66.0	51.3	40.2	29.6	19.7	8.9	0.0
72.5°	77.7	58.9	46.0	34.2	22.8	10.4	0.0
70°	89.7	67.5	51.8	38.5	25.9	11.8	0.0
67.5°	101.4	77.3	57.5	42.8	28.9	13.2	0.0
65°	114.1	86.7	64.1	47.1	31.6	14.6	0.0
62.5°	127.9	96.0	71.3	51.2	34.2	15.9	0.0
60°	141.3	105.9	78.4	55.1	36.6	17.2	0.0
57.5°	154.3	116.9	85.2	59.1	39.0	18.5	0.0
55°	166.0	127.4	91.8	63.9	41.2	19.7	0.0
52.5°	177.2	137.5	98.4	68.6	43.4	20.9	0.0
50°	187.9	147.1	105.9	73.1	45.4	22.0	0.0
47.5°	198.8	155.4	113.0	77.4	47.4	23.1	0.0
45°	214.0	163.2	119.8	81.5	49.2	24.1	0.0
42.5°	228.1	170.6	126.3	85.3	50.9	25.1	0.0
40°	241.3	177.4	132.3	88.7	52.5	26.1	0.0
37.5°	253.3	183.8	138.0	91.8	54.0	27.0	0.0
35°	263.8	192.1	143.0	95.1	55.7	27.7	0.0
32.5°	272.7	200.9	147.6	98.4	57.5	28.4	0.0
30°	280.3	208.9	151.8	101.4	59.0	29.0	0.0
27.5°	287.2	216.1	155.0	104.1	60.5	29.6	0.0
25°	293.1	222.4	157.8	106.4	61.7	30.1	0.0
22.5°	298.0	227.9	160.1	108.4	62.8	30.6	0.0
20°	302.7	232.6	162.0	110.1	63.8	31.0	0.0
17.5°	309.3	236.6	163.4	111.7	64.5	31.3	0.0
15°	315.4	239.6	164.5	112.9	65.1	31.6	0.0
12.5°	320.3	241.7	165.5	113.9	65.6	31.8	0.0
10°	324.2	243.4	166.4	114.5	65.8	32.0	0.0
7.5°	326.9	244.6	166.8	114.9	65.9	32.1	0.0
5°	328.5	245.2	166.8	114.9	65.9	32.1	0.0
2.5°	328.8	245.0	166.5	114.7	65.7	32.1	0.0
0°	328.0	244.1	165.7	114.1	65.3	32.0	0.0
-2.5°	327.7	244.2	165.8	114.2	65.4	32.0	0.0
-5°	326.3	243.6	165.5	114.0	65.3	31.9	0.0
-7.5°	323.7	242.3	164.9	113.4	65.0	31.8	0.0
-10°	320.2	240.3	163.8	112.6	64.6	31.6	0.0
-12.5°	315.9	237.8	162.4	111.5	64.0	31.4	0.0
-15°	310.7	234.9	160.7	110.0	63.3	31.1	0.0
-17.5°	304.6	230.9	159.1	108.3	62.4	30.7	0.0
-20°	297.4	226.1	157.2	106.3	61.4	30.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	290.5	220.7	154.8	104.4	60.2	29.9	0.0
-25°	283.7	214.9	152.1	102.1	58.9	29.4	0.0
-27.5°	276.4	208.6	149.0	99.5	57.4	28.8	0.0
-30°	268.3	201.6	145.6	96.6	55.7	28.2	0.0
-32.5°	259.1	194.1	141.9	93.4	54.0	27.6	0.0
-35°	249.3	186.0	137.7	89.9	52.2	26.8	0.0
-37.5°	238.7	178.2	133.1	86.4	50.4	26.1	0.0
-40°	227.2	171.8	127.7	83.3	49.0	25.2	0.0
-42.5°	214.8	164.7	121.9	79.9	47.4	24.2	0.0
-45°	201.6	157.1	115.7	76.3	45.7	23.2	0.0
-47.5°	187.7	148.9	109.1	72.5	43.9	22.2	0.0
-50°	176.1	140.1	101.9	68.4	42.0	21.1	0.0
-52.5°	164.6	130.3	94.2	64.2	40.0	20.0	0.0
-55°	152.6	119.9	87.4	59.8	38.0	18.8	0.0
-57.5°	140.5	109.1	80.8	55.1	35.8	17.6	0.0
-60°	127.4	98.1	74.0	51.5	33.5	16.4	0.0
-62.5°	113.9	88.1	67.0	47.9	31.2	15.1	0.0
-65°	100.0	79.0	59.8	44.2	28.8	13.8	0.0
-67.5°	87.3	69.8	53.3	40.3	26.3	12.5	0.0
-70°	76.0	60.4	47.9	36.3	23.5	11.2	0.0
-72.5°	64.4	52.2	42.4	32.2	20.7	9.8	0.0
-75°	53.5	45.3	36.8	28.0	17.8	8.5	0.0
-77.5°	45.2	38.2	31.2	23.5	14.9	7.1	0.0
-80°	36.7	31.2	25.1	18.9	12.0	5.7	0.0
-82.5°	28.2	23.6	18.9	14.2	9.0	4.3	0.0
-85°	18.8	15.7	12.6	9.5	6.0	2.9	0.0
-87.5°	9.4	7.9	6.3	4.7	3.0	1.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)