

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: P902123 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-AV-03-1360S-57-85-S2**

Issue Date: 11/14/2024

Test Information

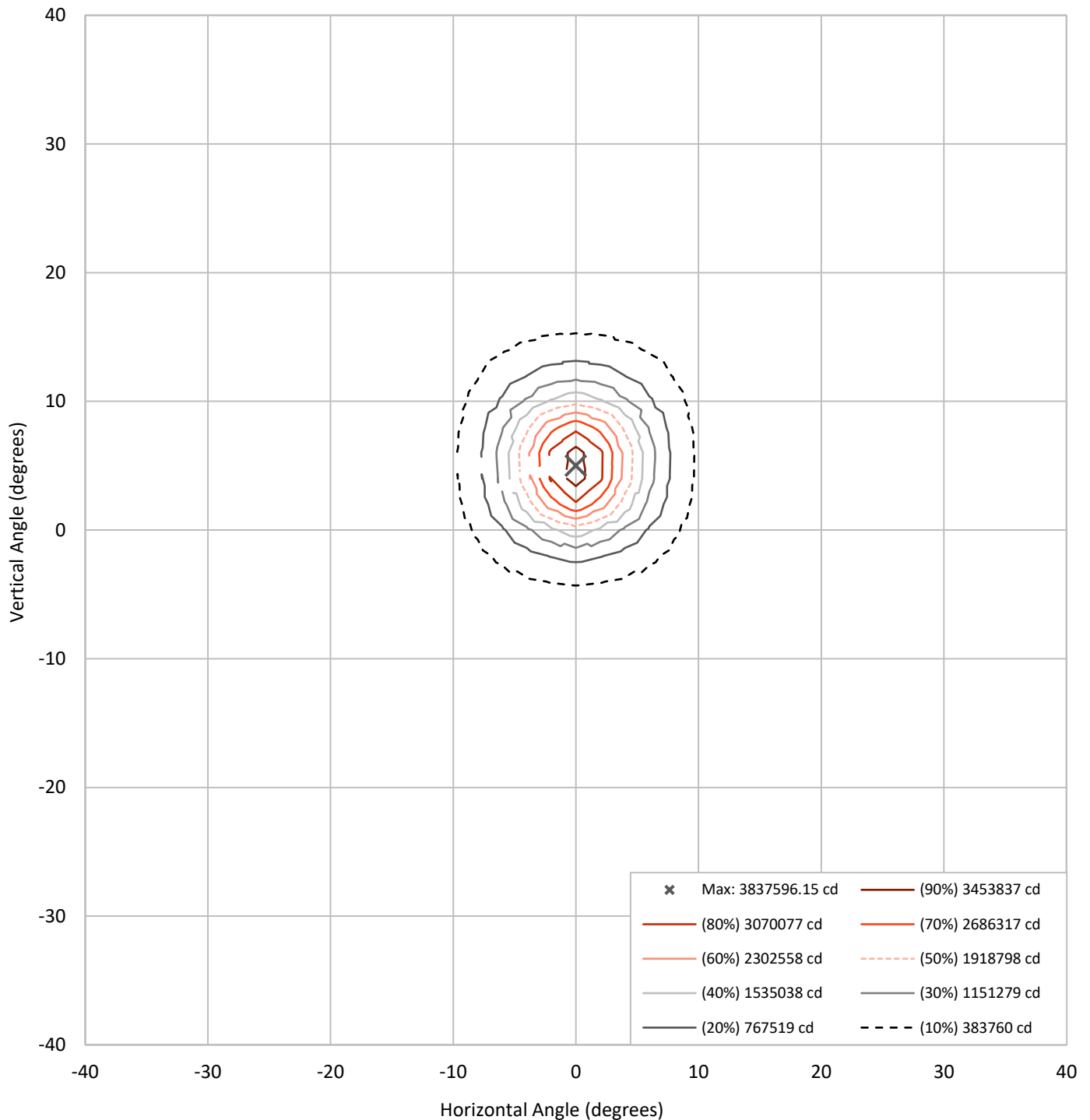
Test Method: LM-79-08
Report Number: P902123 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (LVA2005021)
Test Lab: INNOVATION CENTER
Issue Date: 11/14/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-AV-03-1360S-57-85-S2
Description: ARENAVISION LUMINAIRE
5700K, 85 CRI LEDS AND S2 OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	167729.8 lumens	Max Intensity:	3837596.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 5°V
Efficacy:	118.7 lumens/watt		
Luminous Opening:	Rectangular (W 2m x L: 2m x H: 0m)		
Beam Angle (50%):	9.4°H x 9.5°V	Field Angle (10%):	19.5°H x 19.2°V
Beam Lumens:	59698.9 lumens	Field Lumens:	121029.9 lumens
Beam Efficiency:	35.6%	Field Efficiency:	72.2%
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





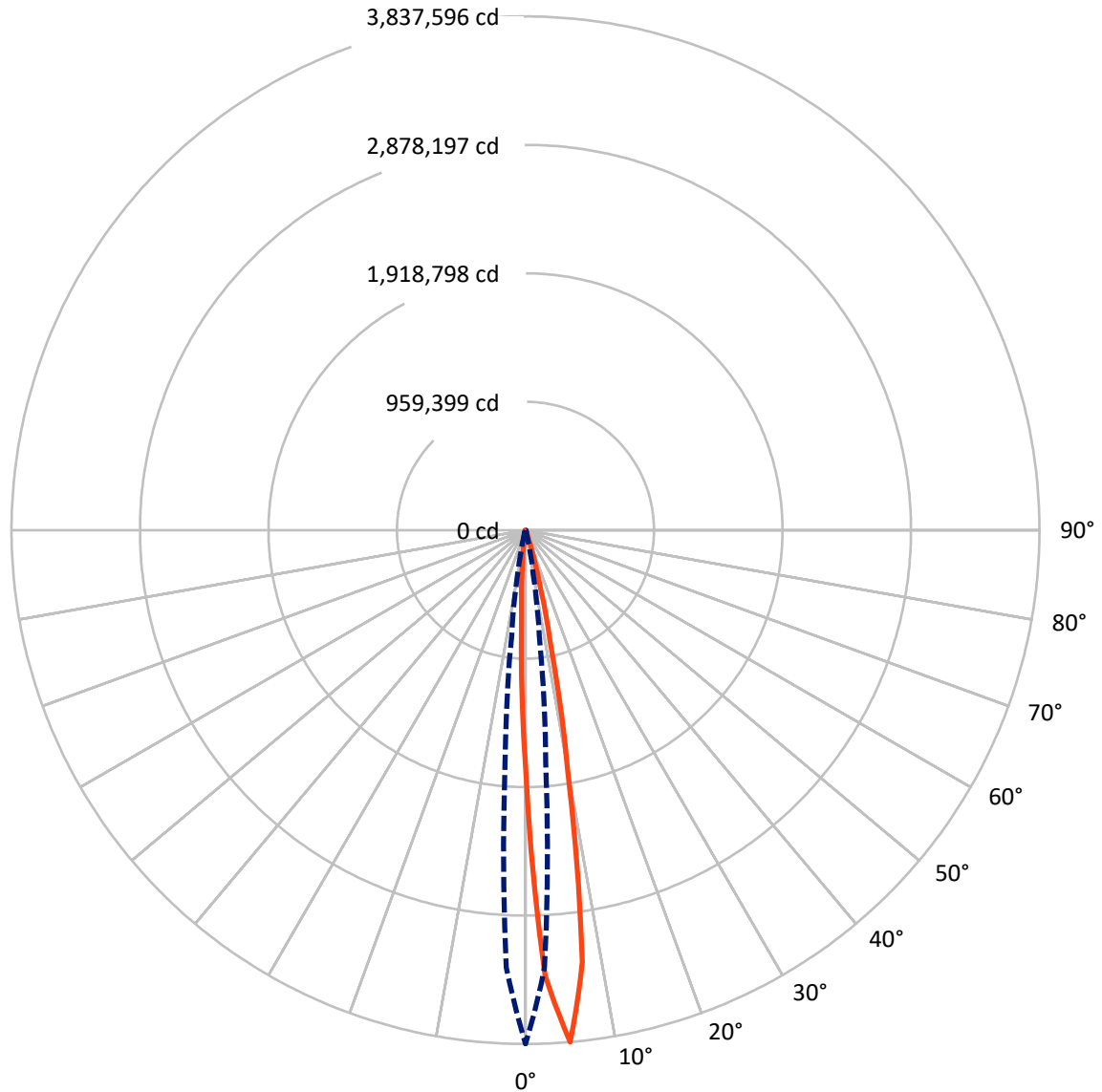
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Lumen Table

90	1.0	13.4	46.2	81.7	98.7	81.7	46.2	13.4	1.0										
80	1.0	13.4	46.2	81.7	98.7	81.7	46.2	13.4	1.0										
70	5.4	8.2	22.2	39.5	58.7	75.4	86.1	92.7	92.7	86.1	75.4	58.7	39.5	22.2	8.2	5.4			
60		14.1	35.8	63.3	89.8	109.9	121.9	128.6	128.6	121.9	109.9	89.8	63.3	35.8	14.1				
50	11.9	19.7	46.2	77.5	108.6	136.6	158.6	175.4	175.4	158.6	136.6	108.6	77.5	46.2	19.7	11.9			
40		24.6	55.1	87.2	125.5	174.3	216.6	247.0	247.0	216.6	174.3	125.5	87.2	55.1	24.6				
30	16.7	27.8	60.8	94.3	145.8	216.7	373.1	711.8	711.8	373.1	216.7	145.8	94.3	60.8	27.8	16.7			
20		30.0	63.3	101.4	165.0	278.3	1378.8	11376.0	11376.0	1378.8	278.3	165.0	101.4	63.3	30.0				
10	17.9	31.0	65.8	106.0	175.1	335.1	2532.2	47556.6	47556.6	2532.2	335.1	175.1	106.0	65.8	31.0	17.9			
0		29.9	62.7	101.2	164.7	275.6	1145.3	8964.8	8964.8	1145.3	275.6	164.7	101.2	62.7	29.9				
-10	14.8	27.7	60.1	93.6	145.6	215.8	346.9	582.6	582.6	346.9	215.8	145.6	93.6	60.1	27.7	14.8			
-20		24.6	54.5	85.4	123.7	173.6	217.1	248.5	248.5	217.1	173.6	123.7	85.4	54.5	24.6				
-30	9.3	20.0	46.3	76.8	106.3	135.3	159.7	177.7	177.7	159.7	135.3	106.3	76.8	46.3	20.0	9.3			
-40		14.8	37.3	64.9	91.2	110.3	122.9	129.6	129.6	122.9	110.3	91.2	64.9	37.3	14.8				
-50	3.8	9.6	25.2	43.5	62.9	79.1	89.9	98.7	98.7	89.9	79.1	62.9	43.5	25.2	9.6	3.8			
-60		5.0	12.7	22.2	33.5	43.1	49.9	55.6	55.6	49.9	43.1	33.5	22.2	12.7	5.0				
-70	0.8	8.3	24.4	41.8	51.4	41.8	24.4	8.3	0.8										
-80		8.3	24.4	41.8	51.4	41.8	24.4	8.3	0.8										
-90	0.8	8.3	24.4	41.8	51.4	41.8	24.4	8.3	0.8										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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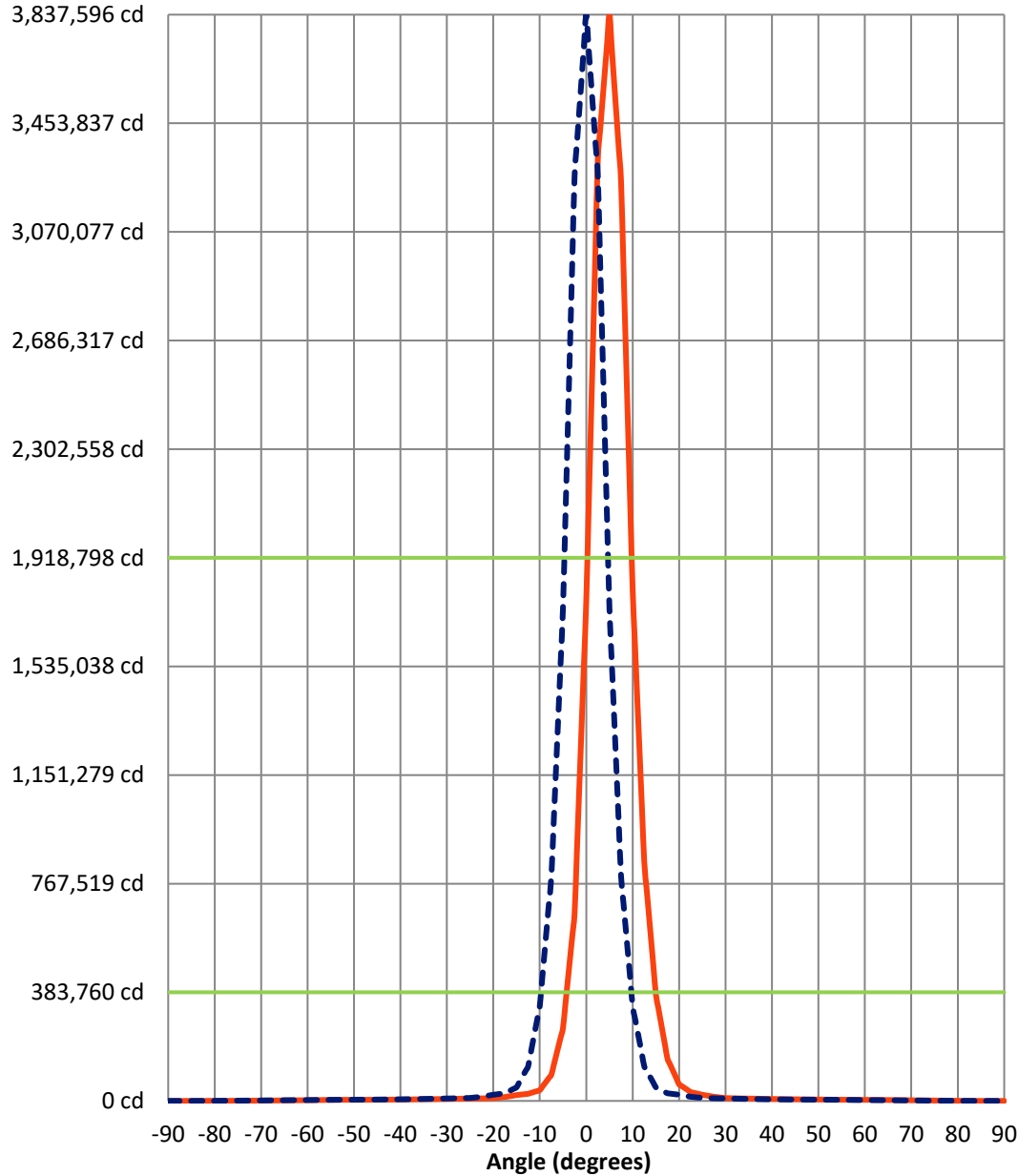
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 9.4°
 V Angle: 9.5°
 Lumens: 59698.9
 Efficiency: 35.6%

Field:
 H Angle: 19.5°
 V Angle: 19.2°
 Lumens: 121029.9
 Efficiency: 72.2%

Spill:
 Lumens: 46699.9
 Efficiency: 27.8%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 5-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	3.2	4.7	6.3	8.4	9.4	10.9	12.4	13.9	15.4
85°	0.0	3.0	6.3	9.5	12.6	16.7	18.8	21.9	24.9	27.8	32.3
82.5°	0.0	4.5	9.5	14.2	18.9	25.0	28.3	36.1	44.9	53.5	62.9
80°	0.0	5.9	12.6	18.9	25.1	34.8	45.4	57.2	68.8	80.2	98.5
77.5°	0.0	7.4	15.7	23.6	33.0	48.7	63.3	78.0	98.9	126.1	154.9
75°	0.0	8.8	18.7	28.2	43.6	62.4	80.8	109.5	143.7	176.5	218.8
72.5°	0.0	10.2	21.7	34.7	53.9	75.9	108.1	146.5	187.7	242.8	303.1
70°	0.0	11.6	24.7	41.6	64.0	94.3	138.2	182.9	248.0	316.4	393.3
67.5°	0.0	13.0	27.5	48.4	73.8	118.1	167.7	232.6	309.0	395.4	497.0
65°	0.0	14.3	31.1	55.0	87.5	141.2	203.0	283.1	373.2	479.3	599.9
62.5°	0.0	15.6	35.1	61.3	104.7	163.7	244.5	332.2	443.4	563.0	707.1
60°	0.0	16.9	38.9	67.5	121.3	190.4	284.9	394.0	511.8	660.2	816.2
57.5°	0.0	18.1	42.7	73.8	137.3	222.0	324.2	455.0	595.1	755.8	933.5
55°	0.0	19.3	46.3	84.9	152.5	252.4	374.6	514.4	679.7	855.9	1045.9
52.5°	0.0	20.5	49.8	95.5	168.6	281.5	422.1	583.2	761.8	954.1	1158.2
50°	0.0	21.6	53.1	105.5	190.1	308.7	467.0	650.3	847.2	1050.7	1267.8
47.5°	0.0	22.7	56.3	115.0	210.5	343.1	510.6	714.2	929.3	1149.4	1378.8
45°	0.0	23.7	59.4	124.0	229.7	375.6	560.4	778.1	1006.4	1244.7	1487.6
42.5°	0.0	24.6	62.2	132.3	247.6	406.2	607.8	840.0	1085.5	1338.6	1594.1
40°	0.0	25.5	64.9	140.2	264.3	434.8	652.2	897.5	1160.8	1430.4	1701.7
37.5°	0.0	26.4	67.5	147.6	279.7	461.4	692.9	950.9	1232.1	1513.7	1801.5
35°	0.0	27.5	71.6	157.7	297.6	490.6	732.6	1002.1	1292.8	1590.0	1890.0
32.5°	0.0	28.6	75.9	168.1	315.9	519.7	770.2	1049.7	1348.6	1657.0	1956.9
30°	0.0	29.6	80.0	177.6	332.5	546.4	804.3	1092.7	1398.2	1711.3	2017.1
27.5°	0.0	30.6	83.6	186.3	348.3	570.6	836.8	1131.5	1444.4	1760.3	2071.9
25°	0.0	31.4	86.9	194.1	362.6	592.2	866.9	1166.0	1487.7	1804.7	2124.5
22.5°	0.0	32.2	89.8	200.9	375.2	611.9	893.9	1202.5	1526.4	1851.0	2172.6
20°	0.0	32.9	92.3	206.9	386.2	631.1	918.7	1237.1	1563.6	1892.8	2220.9
17.5°	0.0	33.5	94.4	211.9	395.6	647.9	944.1	1267.5	1599.3	1931.5	2263.7
15°	0.0	34.0	96.2	216.0	403.3	663.4	967.3	1295.3	1630.0	1966.2	2303.3
12.5°	0.0	34.4	97.6	219.2	409.1	677.4	986.9	1320.9	1657.5	1994.5	2338.7
10°	0.0	34.7	98.7	221.5	413.2	687.0	1002.9	1341.9	1681.3	2017.7	2366.5
7.5°	0.0	34.9	99.3	222.9	415.7	692.3	1010.1	1356.4	1699.6	2035.0	2386.2
5°	0.0	35.1	99.6	223.5	416.5	694.5	1011.7	1357.5	1702.6	2040.6	2396.1
2.5°	0.0	35.1	99.6	223.2	415.6	693.7	1009.3	1353.6	1696.8	2032.2	2382.1
0°	0.0	35.1	99.2	222.1	413.2	689.9	1003.0	1344.8	1685.6	2017.3	2360.9
-2.5°	0.0	35.0	98.7	220.2	408.6	681.1	988.7	1323.6	1661.0	1991.2	2331.2
-5°	0.0	34.8	97.9	217.6	402.5	669.5	970.6	1297.9	1631.1	1959.0	2294.5
-7.5°	0.0	34.6	96.7	214.1	394.9	655.2	949.0	1267.7	1597.8	1924.4	2258.1
-10°	0.0	34.3	95.3	209.9	386.0	638.2	925.5	1239.4	1565.2	1886.5	2216.0
-12.5°	0.0	33.8	93.5	205.0	375.7	620.2	902.7	1208.5	1527.5	1844.1	2171.4
-15°	0.0	33.3	91.4	199.3	364.5	601.5	876.6	1173.7	1488.8	1805.3	2122.9
-17.5°	0.0	32.7	89.0	193.0	353.1	581.3	847.5	1138.9	1450.5	1761.3	2070.0
-20°	0.0	32.1	86.4	186.2	340.4	559.7	816.4	1102.9	1407.5	1712.7	2013.2



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 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S2

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	31.3	83.4	179.0	326.5	536.0	785.1	1062.7	1358.9	1659.6	1950.5
-25°	0.0	30.5	80.2	171.3	311.3	510.6	751.6	1019.4	1304.0	1601.9	1877.1
-27.5°	0.0	29.6	76.7	163.0	295.1	483.5	715.1	971.4	1245.6	1527.0	1796.2
-30°	0.0	28.6	73.0	154.2	277.8	454.5	675.6	920.3	1180.9	1445.0	1706.6
-32.5°	0.0	27.5	69.1	144.9	260.3	423.9	634.0	866.1	1110.2	1359.7	1610.9
-35°	0.0	26.4	65.1	135.1	241.9	391.5	590.3	808.2	1036.9	1271.5	1511.0
-37.5°	0.0	25.3	61.3	125.9	224.4	361.0	546.6	748.5	963.2	1182.3	1413.8
-40°	0.0	24.4	58.8	118.9	210.3	335.5	504.1	689.5	887.8	1092.1	1312.7
-42.5°	0.0	23.5	56.2	111.8	195.6	309.1	458.7	628.2	810.2	1001.7	1207.5
-45°	0.0	22.5	53.4	104.4	180.3	281.7	411.2	564.9	730.6	911.1	1105.4
-47.5°	0.0	21.5	50.5	96.8	164.3	253.4	363.0	505.7	658.0	822.7	1000.1
-50°	0.0	20.5	47.6	88.8	147.8	224.3	326.5	451.3	587.3	733.3	895.1
-52.5°	0.0	19.4	44.5	80.7	130.8	203.2	292.1	397.3	516.3	653.8	801.0
-55°	0.0	18.3	41.3	72.2	118.4	182.2	257.8	345.2	458.0	577.4	707.2
-57.5°	0.0	17.1	38.0	63.6	107.0	160.7	223.6	305.4	399.6	501.7	622.2
-60°	0.0	15.9	34.6	58.1	95.4	138.8	197.8	264.5	343.0	432.5	534.0
-62.5°	0.0	14.7	31.1	52.9	83.5	120.7	171.5	222.6	292.3	360.2	448.5
-65°	0.0	13.5	27.5	47.4	71.4	105.4	144.8	191.4	240.7	299.7	361.2
-67.5°	0.0	12.2	24.4	41.8	61.3	89.6	121.9	159.7	198.5	243.1	294.0
-70°	0.0	10.9	21.8	36.1	53.7	73.4	102.6	128.8	162.7	196.5	236.2
-72.5°	0.0	9.6	19.1	30.2	45.9	60.4	83.1	106.3	128.1	158.6	190.1
-75°	0.0	8.2	16.5	24.7	38.1	50.4	65.2	83.6	102.6	123.9	148.7
-77.5°	0.0	6.9	13.8	20.6	30.1	40.4	52.4	63.6	76.8	95.4	113.7
-80°	0.0	5.5	11.1	16.6	23.5	30.2	39.3	48.1	56.3	68.2	81.0
-82.5°	0.0	4.2	8.3	12.4	17.7	22.1	26.4	32.5	37.8	47.7	55.5
-85°	0.0	2.8	5.5	8.3	11.8	14.8	17.6	20.5	21.8	27.7	31.6
-87.5°	0.0	1.4	2.8	4.2	5.9	7.4	8.8	10.3	10.9	13.9	15.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	16.8	18.2	19.5	19.6	19.4	20.5	21.5	22.5	23.5	24.4	23.5
85°	38.3	44.5	52.1	57.3	59.8	65.2	69.4	73.0	76.2	82.0	86.3
82.5°	72.7	82.9	97.4	114.2	124.5	139.1	152.9	165.4	177.2	190.2	205.5
80°	121.6	148.1	180.9	200.6	216.6	245.7	276.2	304.5	330.6	355.6	383.4
77.5°	183.6	225.9	284.8	321.5	350.4	387.0	439.2	487.9	530.5	569.8	610.8
75°	271.7	334.0	407.2	468.4	514.4	573.0	638.8	709.3	771.9	830.4	891.7
72.5°	366.5	461.9	571.0	643.5	706.7	790.3	874.7	962.9	1051.3	1131.1	1207.3
70°	490.8	603.9	753.2	859.1	926.4	1030.7	1141.2	1250.9	1358.5	1454.1	1544.3
67.5°	614.0	768.3	960.8	1075.4	1159.1	1281.8	1417.6	1549.5	1672.9	1787.3	1893.6
65°	741.5	927.2	1182.6	1284.3	1386.2	1530.4	1689.2	1841.0	1981.9	2127.3	2246.2
62.5°	866.4	1095.0	1370.7	1488.8	1603.8	1767.4	1945.6	2113.3	2285.0	2450.2	2577.6
60°	1001.2	1257.7	1550.4	1689.4	1803.9	1991.9	2182.4	2382.4	2575.4	2755.0	2911.0
57.5°	1134.5	1413.7	1740.0	1874.1	2000.3	2215.7	2452.6	2675.6	2895.2	3069.9	3233.4
55°	1264.8	1563.5	1961.8	2039.0	2193.9	2459.7	2736.1	3006.4	3208.2	3381.7	3522.9
52.5°	1383.8	1713.8	2116.2	2227.8	2367.5	2645.7	2978.5	3267.5	3458.6	3620.4	3726.8
50°	1507.1	1860.3	2282.8	2372.9	2500.2	2781.2	3142.5	3443.0	3618.1	3729.9	3861.4
47.5°	1625.5	1969.0	2437.3	2495.7	2632.2	2907.4	3246.0	3534.1	3710.8	3857.2	4010.9
45°	1742.8	2084.4	2540.8	2644.4	2769.4	3035.2	3344.1	3616.0	3832.5	4016.9	4198.8
42.5°	1862.3	2214.8	2659.8	2793.5	2904.2	3169.3	3460.9	3722.7	3967.3	4190.6	4383.0
40°	1980.7	2318.9	2823.0	2950.0	3058.8	3309.6	3585.4	3850.6	4116.5	4369.9	4547.6
37.5°	2086.4	2429.4	2909.2	3112.0	3185.1	3424.4	3694.0	3968.1	4238.6	4491.8	4670.4
35°	2176.7	2517.6	3044.4	3258.3	3314.2	3513.0	3773.3	4053.9	4320.2	4568.7	4767.8
32.5°	2252.3	2586.5	3099.2	3403.0	3403.6	3592.7	3844.4	4119.7	4387.4	4634.0	4880.0
30°	2317.2	2652.3	3147.7	3530.8	3520.2	3671.2	3914.6	4191.8	4472.0	4738.7	5028.9
27.5°	2379.5	2699.7	3198.2	3660.9	3625.0	3761.6	3993.4	4271.8	4569.6	4867.6	5189.2
25°	2438.3	2772.0	3214.0	3650.3	3726.9	3838.7	4062.6	4339.6	4660.0	4997.8	5363.1
22.5°	2496.8	2826.0	3240.9	3684.3	3792.2	3910.9	4128.3	4408.3	4744.4	5122.5	5538.6
20°	2549.7	2885.0	3231.7	3632.3	3849.5	3978.6	4186.5	4468.1	4815.7	5216.2	5685.4
17.5°	2597.4	2931.1	3262.3	3623.9	3894.1	4035.3	4230.2	4537.2	4914.9	5361.4	5895.6
15°	2637.0	2969.8	3288.0	3625.9	3938.5	4098.2	4297.8	4620.0	5029.4	5573.8	6060.8
12.5°	2673.1	3002.2	3334.2	3659.2	3975.0	4176.2	4379.0	4702.7	5125.5	5768.9	6172.8
10°	2701.2	3032.4	3403.4	3714.2	4016.1	4250.5	4473.6	4774.4	5200.7	5754.0	6227.3
7.5°	2720.0	3050.6	3466.4	3811.6	4101.5	4338.7	4567.0	4836.8	5222.1	5706.8	6217.1
5°	2730.6	3055.3	3471.2	3834.1	4129.7	4386.9	4618.2	4869.1	5234.9	5701.2	6226.6
2.5°	2712.6	3033.9	3429.0	3790.1	4094.7	4346.5	4578.5	4839.4	5210.0	5693.9	6226.3
0°	2685.4	2998.0	3346.6	3673.4	3998.7	4248.6	4472.0	4780.1	5185.1	5794.0	6194.5
-2.5°	2657.6	2971.0	3298.2	3619.7	3948.6	4158.2	4371.1	4705.4	5129.7	5766.7	6160.7
-5°	2622.8	2938.4	3255.2	3591.6	3900.1	4078.4	4291.2	4612.3	5018.6	5528.9	6063.2
-7.5°	2587.6	2904.5	3218.1	3584.2	3854.1	4010.2	4225.7	4526.7	4898.6	5337.0	5870.0
-10°	2544.8	2861.8	3203.6	3592.7	3813.1	3945.7	4172.4	4454.2	4804.6	5216.4	5688.2
-12.5°	2496.4	2810.5	3194.2	3603.7	3762.8	3877.6	4109.4	4395.3	4727.2	5116.4	5539.2
-15°	2440.9	2753.8	3194.7	3596.0	3683.2	3797.6	4029.9	4327.3	4645.0	4985.8	5352.9
-17.5°	2377.1	2684.6	3155.7	3549.7	3594.0	3713.1	3936.5	4232.6	4530.8	4833.6	5171.3
-20°	2308.8	2626.7	3115.6	3468.5	3481.1	3621.3	3847.0	4130.8	4409.4	4689.1	4991.3



REPORT NUMBER: P902123 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S2

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2240.3	2560.1	3085.5	3354.8	3373.4	3527.4	3767.7	4040.4	4305.6	4571.7	4831.5
-25°	2163.8	2500.6	3016.8	3226.1	3269.3	3453.1	3696.5	3962.7	4220.5	4473.2	4680.1
-27.5°	2076.5	2408.5	2882.5	3110.4	3164.9	3371.6	3623.8	3880.9	4133.4	4373.6	4559.7
-30°	1976.0	2321.0	2787.2	2933.4	3037.2	3266.3	3525.4	3768.8	4014.9	4243.4	4416.4
-32.5°	1872.5	2210.9	2644.0	2801.6	2884.2	3143.8	3416.9	3667.1	3880.2	4079.0	4252.0
-35°	1759.7	2101.1	2543.4	2668.6	2763.5	3029.9	3321.3	3600.8	3782.4	3926.9	4088.4
-37.5°	1648.7	1997.8	2402.5	2550.1	2657.0	2926.0	3255.1	3538.5	3700.7	3813.4	3950.0
-40°	1551.8	1876.0	2307.6	2431.1	2562.1	2836.1	3170.7	3455.7	3625.6	3755.6	3868.4
-42.5°	1439.3	1764.7	2152.3	2294.6	2436.7	2724.9	3047.1	3304.8	3504.7	3658.8	3782.3
-45°	1323.0	1624.7	2008.6	2149.3	2296.0	2551.0	2821.2	3064.4	3289.6	3452.8	3605.0
-47.5°	1202.0	1472.8	1849.4	1979.6	2127.0	2342.6	2566.1	2778.0	2976.7	3157.9	3325.0
-50°	1084.8	1343.9	1666.1	1820.5	1944.0	2130.8	2323.3	2515.9	2690.6	2849.5	3006.8
-52.5°	967.5	1203.2	1505.9	1654.2	1758.9	1926.7	2103.4	2275.7	2436.6	2583.0	2710.6
-55°	864.1	1070.7	1341.4	1466.1	1570.9	1720.6	1880.4	2038.0	2177.0	2313.2	2418.4
-57.5°	756.5	932.1	1145.3	1278.9	1362.1	1491.5	1631.3	1774.1	1895.4	2016.3	2111.0
-60°	648.3	791.2	966.1	1079.9	1150.8	1257.2	1362.6	1485.8	1601.9	1708.3	1800.9
-62.5°	538.2	654.3	800.5	894.8	957.6	1041.2	1132.2	1233.1	1323.5	1424.3	1511.2
-65°	438.6	524.3	651.1	727.3	777.9	846.7	929.4	1013.6	1096.8	1174.5	1249.5
-67.5°	344.0	419.1	505.5	580.8	616.4	674.9	744.3	809.5	874.9	941.0	1002.9
-70°	279.1	321.9	395.2	452.0	473.4	524.5	577.9	625.7	677.9	729.0	783.3
-72.5°	220.6	258.9	306.1	344.8	369.3	398.1	433.6	473.9	513.6	552.1	595.0
-75°	175.7	201.9	231.3	263.1	281.3	296.8	315.9	346.8	376.7	406.3	435.5
-77.5°	132.8	153.3	177.8	196.9	209.2	222.5	240.1	257.4	273.9	291.6	312.0
-80°	96.8	111.8	128.5	141.5	150.7	160.4	172.7	185.8	199.1	213.9	230.3
-82.5°	64.7	73.4	84.1	93.6	100.4	106.2	113.8	121.4	128.2	136.6	145.3
-85°	36.6	41.8	48.9	54.8	58.4	61.5	65.3	69.5	71.5	74.7	77.6
-87.5°	16.8	18.2	20.7	23.5	25.0	26.3	27.7	30.6	31.9	34.8	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: P902123 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S2

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°	25.3	27.1	28.5	30.0	31.4	32.4	35.3	36.3	37.6	38.3	40.8
85°	95.2	99.5	102.1	107.6	113.3	117.3	123.8	128.1	133.5	136.7	142.7
82.5°	230.7	245.4	250.9	260.8	273.9	286.2	299.0	308.9	319.2	330.0	344.0
80°	427.3	464.9	475.2	486.5	505.2	523.9	542.1	560.4	581.7	605.6	628.5
77.5°	668.8	737.9	774.9	782.9	797.7	820.5	845.4	872.3	903.3	945.2	976.7
75°	964.4	1050.2	1121.4	1147.2	1150.9	1173.8	1207.1	1244.4	1290.5	1340.4	1372.4
72.5°	1282.5	1365.6	1460.6	1538.0	1568.0	1595.8	1626.1	1651.5	1692.8	1736.0	1762.9
70°	1624.6	1707.0	1803.2	1917.5	2017.8	2066.2	2066.4	2063.6	2093.5	2129.0	2165.2
67.5°	1979.1	2062.6	2160.0	2279.1	2411.5	2503.8	2505.3	2474.7	2488.3	2533.4	2603.3
65°	2341.0	2450.0	2588.5	2680.1	2720.8	2830.9	2931.2	2956.6	2927.0	2947.6	3020.2
62.5°	2716.4	2875.4	3021.6	3068.4	3055.1	3125.9	3265.7	3383.1	3385.7	3364.7	3378.6
60°	3082.4	3259.6	3393.2	3421.9	3395.4	3436.4	3530.7	3615.9	3711.9	3754.7	3711.6
57.5°	3405.9	3566.5	3674.1	3711.9	3710.8	3739.4	3790.5	3818.0	3897.9	3994.3	4011.5
55°	3668.4	3764.9	3829.9	3947.0	4014.8	4061.9	4068.5	4077.0	4118.7	4172.6	4214.5
52.5°	3826.3	3918.9	4030.8	4177.0	4299.9	4365.4	4342.7	4352.7	4383.4	4407.6	4432.2
50°	3981.8	4103.6	4249.8	4403.8	4531.3	4598.7	4597.4	4633.0	4680.3	4698.8	4708.1
47.5°	4167.6	4311.0	4467.6	4616.9	4734.1	4807.9	4857.4	4924.1	5002.6	5059.1	5091.5
45°	4366.4	4519.4	4674.2	4813.6	4936.5	5066.0	5182.3	5263.3	5368.9	5479.1	5580.1
42.5°	4545.7	4707.3	4870.7	5013.9	5174.2	5374.1	5517.4	5615.5	5758.8	5916.8	6121.6
40°	4694.5	4860.4	5048.7	5256.4	5454.6	5706.7	5851.0	6001.7	6211.1	6418.6	6639.6
37.5°	4829.7	5023.0	5281.4	5610.8	5853.6	6096.9	6303.0	6528.6	6741.1	6942.8	7129.0
35°	4978.0	5229.3	5545.7	6049.6	6462.7	6733.3	7206.8	7254.8	7420.0	7612.2	7838.3
32.5°	5175.5	5466.1	5841.2	6425.4	6782.8	7130.8	7574.4	7714.4	7980.9	8173.6	8351.2
30°	5374.7	5735.3	6180.9	6780.0	7105.7	7313.6	7726.1	8164.0	8496.2	8734.4	9026.1
27.5°	5568.9	5992.6	6568.9	7374.3	7399.5	7733.1	8290.3	8750.8	9196.4	9627.3	10645.2
25°	5793.8	6243.9	6926.4	7417.2	7759.8	8286.1	8872.6	9369.7	10382.0	12149.1	15747.5
22.5°	6023.9	6539.0	7119.0	7611.6	8152.5	8816.0	9465.2	10431.4	14057.5	19325.0	24446.4
20°	6264.1	6784.7	7321.4	7868.7	8563.4	9372.9	10277.5	13448.6	20262.3	29205.5	38406.7
17.5°	6453.0	6937.3	7516.8	8205.5	8912.0	9940.3	12047.8	18269.9	26334.9	42089.0	68640.0
15°	6643.0	7116.3	7777.9	8541.0	9347.5	10753.7	15264.4	22123.1	31631.2	59912.0	120062.6
12.5°	6741.2	7277.9	7994.1	8858.6	9738.6	11789.3	17894.2	24816.6	37168.3	80459.9	183788.0
10°	6848.6	7490.8	8248.9	9103.2	10068.7	12871.1	20564.9	25315.7	41658.2	96182.1	251847.6
7.5°	6996.4	7807.4	8518.4	9325.2	10322.6	13788.6	21358.9	27750.7	48055.2	115882.4	314403.7
5°	7035.8	7869.2	8634.0	9412.3	10545.5	14650.3	21828.7	27054.0	48065.1	122247.6	335006.3
2.5°	6959.5	7728.5	8508.1	9336.2	10366.6	13966.7	21799.1	26303.8	46416.3	111937.2	295222.8
0°	6836.2	7456.0	8260.5	9128.8	10046.2	12589.7	20463.8	25249.4	39949.3	89284.9	220169.1
-2.5°	6736.3	7261.4	7998.2	8894.0	9738.4	11496.9	17731.0	24100.5	33295.3	66584.0	145785.9
-5°	6619.8	7112.4	7749.3	8542.9	9294.4	10584.1	14585.5	21670.4	27616.6	44288.6	81777.3
-7.5°	6444.5	6938.5	7506.0	8179.7	8844.6	9812.5	11876.1	17198.3	23697.0	30153.9	42006.0
-10°	6258.3	6774.3	7298.2	7858.4	8508.1	9248.6	10093.9	12297.1	18336.7	23902.2	26903.0
-12.5°	6023.6	6532.3	7119.2	7525.3	8104.9	8733.4	9345.9	10306.2	12779.1	17045.4	21851.1
-15°	5796.3	6235.4	6890.9	7423.1	7736.8	8271.0	8827.6	9331.6	10093.5	11711.0	14062.5
-17.5°	5575.6	5969.9	6591.0	7392.0	7370.2	7725.4	8291.0	8749.6	9134.6	9591.3	10137.1
-20°	5354.6	5729.9	6169.9	6786.2	7093.8	7312.8	7727.6	8168.8	8504.9	8753.0	9008.9



REPORT NUMBER: P902123 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S2

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5120.2	5434.8	5828.3	6399.2	6796.2	7139.8	7587.0	7707.7	7970.3	8220.9	8410.6
-25°	4896.7	5159.6	5489.4	6022.7	6438.2	6725.8	7065.9	7223.0	7415.2	7631.5	7892.6
-27.5°	4736.1	4942.3	5191.5	5505.3	5839.0	6100.7	6335.5	6542.3	6785.3	7000.4	7224.7
-30°	4580.6	4759.6	4960.8	5164.1	5405.7	5689.2	5875.8	6014.7	6257.2	6478.3	6721.1
-32.5°	4424.3	4592.4	4769.7	4937.9	5112.6	5346.7	5523.9	5643.6	5810.0	5987.5	6165.1
-35°	4253.8	4411.0	4574.5	4736.8	4877.2	5020.7	5148.7	5275.6	5414.2	5538.9	5649.6
-37.5°	4082.6	4230.0	4389.4	4547.1	4683.0	4777.9	4841.8	4941.2	5033.6	5112.1	5134.6
-40°	3970.8	4057.5	4201.6	4354.2	4495.7	4580.7	4619.3	4673.5	4731.7	4757.8	4770.1
-42.5°	3866.4	3937.7	4006.6	4148.1	4278.9	4344.2	4366.3	4401.1	4445.5	4464.7	4482.0
-45°	3725.6	3833.3	3883.5	3957.0	4018.7	4061.8	4088.8	4115.2	4166.2	4216.7	4245.0
-47.5°	3499.9	3654.5	3755.5	3760.6	3749.8	3773.8	3820.0	3845.5	3921.3	4014.6	4010.6
-50°	3171.4	3344.0	3489.1	3483.8	3462.6	3494.7	3566.2	3641.4	3739.0	3760.0	3726.1
-52.5°	2831.3	2977.2	3115.7	3147.7	3153.7	3207.1	3321.3	3407.5	3423.5	3421.2	3490.5
-55°	2516.7	2622.9	2725.3	2794.8	2854.4	2949.9	3033.0	3048.8	3040.0	3076.9	3212.3
-57.5°	2190.6	2288.0	2382.2	2464.2	2571.2	2677.4	2676.4	2669.9	2687.7	2732.1	2836.0
-60°	1876.6	1965.5	2060.8	2158.2	2229.0	2316.6	2363.6	2325.6	2350.5	2387.5	2437.4
-62.5°	1590.0	1678.2	1775.9	1846.1	1864.3	1939.8	1982.8	1971.7	2015.0	2069.2	2106.1
-65°	1332.2	1420.3	1497.9	1512.2	1527.2	1578.5	1610.9	1633.0	1681.3	1739.5	1779.9
-67.5°	1075.3	1151.7	1193.6	1202.9	1228.9	1258.6	1286.2	1318.4	1359.2	1411.1	1457.2
-70°	844.9	893.0	913.9	935.3	964.9	990.7	1014.1	1036.9	1062.1	1095.3	1130.6
-72.5°	640.4	671.6	690.2	716.8	743.0	762.4	783.9	803.2	823.8	849.8	880.7
-75°	465.2	486.1	503.9	528.6	550.6	563.9	577.3	593.1	608.3	624.3	645.1
-77.5°	333.2	346.9	360.6	378.7	393.7	405.2	417.5	428.7	440.8	451.5	467.1
-80°	243.7	250.9	259.6	271.1	280.8	289.6	299.8	312.4	323.6	332.8	341.0
-82.5°	155.1	161.3	167.2	175.6	182.1	187.9	191.4	197.6	202.8	207.5	214.0
-85°	83.3	87.4	89.4	94.6	98.0	100.9	103.0	107.0	109.1	110.8	114.8
-87.5°	39.2	38.8	39.9	41.1	43.8	44.7	45.5	46.6	47.3	49.3	50.2
-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: P902123 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S2

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°	41.7	42.0	43.6	43.7	43.6	42.0	41.7	40.8	38.3	37.6	36.3
85°	147.5	149.0	149.9	150.2	149.9	149.0	147.5	142.7	136.7	133.5	128.1
82.5°	352.7	356.2	359.7	360.5	359.7	356.2	352.7	344.0	330.0	319.2	308.9
80°	641.0	647.0	655.8	660.8	655.8	647.0	641.0	628.5	605.6	581.7	560.4
77.5°	993.8	1004.3	1019.9	1029.9	1019.9	1004.3	993.8	976.7	945.2	903.3	872.3
75°	1387.4	1402.9	1424.2	1438.1	1424.2	1402.9	1387.4	1372.4	1340.4	1290.5	1244.4
72.5°	1781.6	1799.0	1823.2	1843.6	1823.2	1799.0	1781.6	1762.9	1736.0	1692.8	1651.5
70°	2201.6	2223.2	2247.3	2269.9	2247.3	2223.2	2201.6	2165.2	2129.0	2093.5	2063.6
67.5°	2661.3	2680.2	2714.2	2755.5	2714.2	2680.2	2661.3	2603.3	2533.4	2488.3	2474.7
65°	3061.4	3076.0	3147.1	3262.9	3147.1	3076.0	3061.4	3020.2	2947.6	2927.0	2956.6
62.5°	3402.2	3427.5	3519.5	3665.2	3519.5	3427.5	3402.2	3378.6	3364.7	3385.7	3383.1
60°	3676.7	3703.8	3765.9	3855.4	3765.9	3703.8	3676.7	3711.6	3754.7	3711.9	3615.9
57.5°	3975.1	3961.8	3990.5	4033.8	3990.5	3961.8	3975.1	4011.5	3994.3	3897.9	3818.0
55°	4229.1	4230.4	4229.1	4240.4	4229.1	4230.4	4229.1	4214.5	4172.6	4118.7	4077.0
52.5°	4463.0	4495.9	4522.2	4530.3	4522.2	4495.9	4463.0	4432.2	4407.6	4383.4	4352.7
50°	4734.0	4778.1	4853.9	4907.5	4853.9	4778.1	4734.0	4708.1	4698.8	4680.3	4633.0
47.5°	5161.5	5263.2	5274.7	5288.4	5274.7	5263.2	5161.5	5091.5	5059.1	5002.6	4924.1
45°	5749.5	5852.9	5781.5	5752.2	5781.5	5852.9	5749.5	5580.1	5479.1	5368.9	5263.3
42.5°	6356.3	6394.8	6363.5	6337.4	6363.5	6394.8	6356.3	6121.6	5916.8	5758.8	5615.5
40°	6847.3	6869.5	6916.6	6933.5	6916.6	6869.5	6847.3	6639.6	6418.6	6211.1	6001.7
37.5°	7294.1	7414.2	7594.0	7776.8	7594.0	7414.2	7294.1	7129.0	6942.8	6741.1	6528.6
35°	8005.3	8135.0	8271.0	8345.2	8271.0	8135.0	8005.3	7838.3	7612.2	7420.0	7254.8
32.5°	8609.6	8845.3	8951.3	9006.4	8951.3	8845.3	8609.6	8351.2	8173.6	7980.9	7714.4
30°	9447.0	9753.8	9967.3	10049.9	9967.3	9753.8	9447.0	9026.1	8734.4	8496.2	8164.0
27.5°	11684.9	12804.4	14177.0	14755.8	14177.0	12804.4	11684.9	10645.2	9627.3	9196.4	8750.8
25°	18787.5	20644.4	21442.1	21760.8	21442.1	20644.4	18787.5	15747.5	12149.1	10382.0	9369.7
22.5°	27754.8	30200.5	31162.3	31258.7	31162.3	30200.5	27754.8	24446.4	19325.0	14057.5	10431.4
20°	50173.9	58143.4	59793.9	58681.1	59793.9	58143.4	50173.9	38406.7	29205.5	20262.3	13448.6
17.5°	106400.8	130242.4	147344.8	149118.7	147344.8	130242.4	106400.8	68640.0	42089.0	26334.9	18269.9
15°	212049.6	293265.4	361040.3	376393.8	361040.3	293265.4	212049.6	120062.6	59912.0	31631.2	22123.1
12.5°	367615.9	578554.9	770556.4	844759.7	770556.4	578554.9	367615.9	183788.0	80459.9	37168.3	24816.6
10°	551004.3	993361.9	#####	#####	#####	993361.9	551004.3	251847.6	96182.1	41658.2	25315.7
7.5°	721599.7	#####	#####	#####	#####	#####	721599.7	314403.7	115882.4	48055.2	27750.7
5°	794709.9	#####	#####	#####	#####	#####	794709.9	335006.3	122247.6	48065.1	27054.0
2.5°	679199.5	#####	#####	#####	#####	#####	679199.5	295222.8	111937.2	46416.3	26303.8
0°	491542.0	873661.0	#####	#####	#####	873661.0	491542.0	220169.1	89284.9	39949.3	25249.4
-2.5°	284376.8	457165.1	612486.3	663241.9	612486.3	457165.1	284376.8	145785.9	66584.0	33295.3	24100.5
-5°	136738.2	198413.1	241177.4	257203.2	241177.4	198413.1	136738.2	81777.3	44288.6	27616.6	21670.4
-7.5°	57774.6	76458.2	84117.2	92776.7	84117.2	76458.2	57774.6	42006.0	30153.9	23697.0	17198.3
-10°	30763.1	35522.4	37761.7	37722.1	37761.7	35522.4	30763.1	26903.0	23902.2	18336.7	12297.1
-12.5°	23349.0	24586.8	24917.1	25184.7	24917.1	24586.8	23349.0	21851.1	17045.4	12779.1	10306.2
-15°	17611.4	19643.1	20263.2	20655.8	20263.2	19643.1	17611.4	14062.5	11711.0	10093.5	9331.6
-17.5°	11464.7	12199.3	13323.7	13894.8	13323.7	12199.3	11464.7	10137.1	9591.3	9134.6	8749.6
-20°	9356.2	9567.0	9759.5	9846.0	9759.5	9567.0	9356.2	9008.9	8753.0	8504.9	8168.8



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8651.6	8839.8	8944.8	8994.5	8944.8	8839.8	8651.6	8410.6	8220.9	7970.3	7707.7
-25°	8107.3	8227.2	8359.5	8454.4	8359.5	8227.2	8107.3	7892.6	7631.5	7415.2	7223.0
-27.5°	7406.3	7521.3	7694.9	7829.6	7694.9	7521.3	7406.3	7224.7	7000.4	6785.3	6542.3
-30°	6954.5	7007.0	7045.7	7060.9	7045.7	7007.0	6954.5	6721.1	6478.3	6257.2	6014.7
-32.5°	6419.0	6498.7	6463.2	6443.4	6463.2	6498.7	6419.0	6165.1	5987.5	5810.0	5643.6
-35°	5838.4	5973.8	5896.4	5865.9	5896.4	5973.8	5838.4	5649.6	5538.9	5414.2	5275.6
-37.5°	5180.8	5277.9	5319.3	5333.5	5319.3	5277.9	5180.8	5134.6	5112.1	5033.6	4941.2
-40°	4791.1	4821.8	4891.2	4962.1	4891.2	4821.8	4791.1	4770.1	4757.8	4731.7	4673.5
-42.5°	4504.1	4530.8	4554.1	4574.9	4554.1	4530.8	4504.1	4482.0	4464.7	4445.5	4401.1
-45°	4251.7	4251.5	4259.0	4282.2	4259.0	4251.5	4251.7	4245.0	4216.7	4166.2	4115.2
-47.5°	3976.9	3975.8	4026.6	4096.1	4026.6	3975.8	3976.9	4010.6	4014.6	3921.3	3845.5
-50°	3717.9	3748.1	3845.3	3979.2	3845.3	3748.1	3717.9	3726.1	3760.0	3739.0	3641.4
-52.5°	3505.8	3524.5	3698.9	3974.2	3698.9	3524.5	3505.8	3490.5	3421.2	3423.5	3407.5
-55°	3242.0	3226.8	3379.1	3636.9	3379.1	3226.8	3242.0	3212.3	3076.9	3040.0	3048.8
-57.5°	2902.7	2896.0	2975.2	3103.1	2975.2	2896.0	2902.7	2836.0	2732.1	2687.7	2669.9
-60°	2488.4	2520.5	2571.6	2621.2	2571.6	2520.5	2488.4	2437.4	2387.5	2350.5	2325.6
-62.5°	2133.3	2154.6	2190.3	2225.3	2190.3	2154.6	2133.3	2106.1	2069.2	2015.0	1971.7
-65°	1803.0	1821.8	1854.5	1881.3	1854.5	1821.8	1803.0	1779.9	1739.5	1681.3	1633.0
-67.5°	1480.8	1496.8	1525.2	1542.7	1525.2	1496.8	1480.8	1457.2	1411.1	1359.2	1318.4
-70°	1151.6	1165.5	1187.4	1201.4	1187.4	1165.5	1151.6	1130.6	1095.3	1062.1	1036.9
-72.5°	898.3	910.1	930.0	942.9	930.0	910.1	898.3	880.7	849.8	823.8	803.2
-75°	659.7	671.7	688.1	698.1	688.1	671.7	659.7	645.1	624.3	608.3	593.1
-77.5°	478.5	484.1	488.8	494.2	488.8	484.1	478.5	467.1	451.5	440.8	428.7
-80°	350.0	352.9	358.0	358.6	358.0	352.9	350.0	341.0	332.8	323.6	312.4
-82.5°	217.7	219.4	220.4	222.0	220.4	219.4	217.7	214.0	207.5	202.8	197.6
-85°	116.9	117.7	117.2	117.4	117.2	117.7	116.9	114.8	110.8	109.1	107.0
-87.5°	52.4	52.6	52.3	52.4	52.3	52.6	52.4	50.2	49.3	47.3	46.6
-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):

	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°	35.3	32.4	31.4	30.0	28.5	27.1	25.3	23.5	24.4	23.5	22.5
85°	123.8	117.3	113.3	107.6	102.1	99.5	95.2	86.3	82.0	76.2	73.0
82.5°	299.0	286.2	273.9	260.8	250.9	245.4	230.7	205.5	190.2	177.2	165.4
80°	542.1	523.9	505.2	486.5	475.2	464.9	427.3	383.4	355.6	330.6	304.5
77.5°	845.4	820.5	797.7	782.9	774.9	737.9	668.8	610.8	569.8	530.5	487.9
75°	1207.1	1173.8	1150.9	1147.2	1121.4	1050.2	964.4	891.7	830.4	771.9	709.3
72.5°	1626.1	1595.8	1568.0	1538.0	1460.6	1365.6	1282.5	1207.3	1131.1	1051.3	962.9
70°	2066.4	2066.2	2017.8	1917.5	1803.2	1707.0	1624.6	1544.3	1454.1	1358.5	1250.9
67.5°	2505.3	2503.8	2411.5	2279.1	2160.0	2062.6	1979.1	1893.6	1787.3	1672.9	1549.5
65°	2931.2	2830.9	2720.8	2680.1	2588.5	2450.0	2341.0	2246.2	2127.3	1981.9	1841.0
62.5°	3265.7	3125.9	3055.1	3068.4	3021.6	2875.4	2716.4	2577.6	2450.2	2285.0	2113.3
60°	3530.7	3436.4	3395.4	3421.9	3393.2	3259.6	3082.4	2911.0	2755.0	2575.4	2382.4
57.5°	3790.5	3739.4	3710.8	3711.9	3674.1	3566.5	3405.9	3233.4	3069.9	2895.2	2675.6
55°	4068.5	4061.9	4014.8	3947.0	3829.9	3764.9	3668.4	3522.9	3381.7	3208.2	3006.4
52.5°	4342.7	4365.4	4299.9	4177.0	4030.8	3918.9	3826.3	3726.8	3620.4	3458.6	3267.5
50°	4597.4	4598.7	4531.3	4403.8	4249.8	4103.6	3981.8	3861.4	3729.9	3618.1	3443.0
47.5°	4857.4	4807.9	4734.1	4616.9	4467.6	4311.0	4167.6	4010.9	3857.2	3710.8	3534.1
45°	5182.3	5066.0	4936.5	4813.6	4674.2	4519.4	4366.4	4198.8	4016.9	3832.5	3616.0
42.5°	5517.4	5374.1	5174.2	5013.9	4870.7	4707.3	4545.7	4383.0	4190.6	3967.3	3722.7
40°	5851.0	5706.7	5454.6	5256.4	5048.7	4860.4	4694.5	4547.6	4369.9	4116.5	3850.6
37.5°	6303.0	6096.9	5853.6	5610.8	5281.4	5023.0	4829.7	4670.4	4491.8	4238.6	3968.1
35°	7206.8	6733.3	6462.7	6049.6	5545.7	5229.3	4978.0	4767.8	4568.7	4320.2	4053.9
32.5°	7574.4	7130.8	6782.8	6425.4	5841.2	5466.1	5175.5	4880.0	4634.0	4387.4	4119.7
30°	7726.1	7313.6	7105.7	6780.0	6180.9	5735.3	5374.7	5028.9	4738.7	4472.0	4191.8
27.5°	8290.3	7733.1	7399.5	7374.3	6568.9	5992.6	5568.9	5189.2	4867.6	4569.6	4271.8
25°	8872.6	8286.1	7759.8	7417.2	6926.4	6243.9	5793.8	5363.1	4997.8	4660.0	4339.6
22.5°	9465.2	8816.0	8152.5	7611.6	7119.0	6539.0	6023.9	5538.6	5122.5	4744.4	4408.3
20°	10277.5	9372.9	8563.4	7868.7	7321.4	6784.7	6264.1	5685.4	5216.2	4815.7	4468.1
17.5°	12047.8	9940.3	8912.0	8205.5	7516.8	6937.3	6453.0	5895.6	5361.4	4914.9	4537.2
15°	15264.4	10753.7	9347.5	8541.0	7777.9	7116.3	6643.0	6060.8	5573.8	5029.4	4620.0
12.5°	17894.2	11789.3	9738.6	8858.6	7994.1	7277.9	6741.2	6172.8	5768.9	5125.5	4702.7
10°	20564.9	12871.1	10068.7	9103.2	8248.9	7490.8	6848.6	6227.3	5754.0	5200.7	4774.4
7.5°	21358.9	13788.6	10322.6	9325.2	8518.4	7807.4	6996.4	6217.1	5706.8	5222.1	4836.8
5°	21828.7	14650.3	10545.5	9412.3	8634.0	7869.2	7035.8	6226.6	5701.2	5234.9	4869.1
2.5°	21799.1	13966.7	10366.6	9336.2	8508.1	7728.5	6959.5	6226.3	5693.9	5210.0	4839.4
0°	20463.8	12589.7	10046.2	9128.8	8260.5	7456.0	6836.2	6194.5	5794.0	5185.1	4780.1
-2.5°	17731.0	11496.9	9738.4	8894.0	7998.2	7261.4	6736.3	6160.7	5766.7	5129.7	4705.4
-5°	14585.5	10584.1	9294.4	8542.9	7749.3	7112.4	6619.8	6063.2	5528.9	5018.6	4612.3
-7.5°	11876.1	9812.5	8844.6	8179.7	7506.0	6938.5	6444.5	5870.0	5337.0	4898.6	4526.7
-10°	10093.9	9248.6	8508.1	7858.4	7298.2	6774.3	6258.3	5688.2	5216.4	4804.6	4454.2
-12.5°	9345.9	8733.4	8104.9	7525.3	7119.2	6532.3	6023.6	5539.2	5116.4	4727.2	4395.3
-15°	8827.6	8271.0	7736.8	7423.1	6890.9	6235.4	5796.3	5352.9	4985.8	4645.0	4327.3
-17.5°	8291.0	7725.4	7370.2	7392.0	6591.0	5969.9	5575.6	5171.3	4833.6	4530.8	4232.6
-20°	7727.6	7312.8	7093.8	6786.2	6169.9	5729.9	5354.6	4991.3	4689.1	4409.4	4130.8



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 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S2

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7587.0	7139.8	6796.2	6399.2	5828.3	5434.8	5120.2	4831.5	4571.7	4305.6	4040.4
-25°	7065.9	6725.8	6438.2	6022.7	5489.4	5159.6	4896.7	4680.1	4473.2	4220.5	3962.7
-27.5°	6335.5	6100.7	5839.0	5505.3	5191.5	4942.3	4736.1	4559.7	4373.6	4133.4	3880.9
-30°	5875.8	5689.2	5405.7	5164.1	4960.8	4759.6	4580.6	4416.4	4243.4	4014.9	3768.8
-32.5°	5523.9	5346.7	5112.6	4937.9	4769.7	4592.4	4424.3	4252.0	4079.0	3880.2	3667.1
-35°	5148.7	5020.7	4877.2	4736.8	4574.5	4411.0	4253.8	4088.4	3926.9	3782.4	3600.8
-37.5°	4841.8	4777.9	4683.0	4547.1	4389.4	4230.0	4082.6	3950.0	3813.4	3700.7	3538.5
-40°	4619.3	4580.7	4495.7	4354.2	4201.6	4057.5	3970.8	3868.4	3755.6	3625.6	3455.7
-42.5°	4366.3	4344.2	4278.9	4148.1	4006.6	3937.7	3866.4	3782.3	3658.8	3504.7	3304.8
-45°	4088.8	4061.8	4018.7	3957.0	3883.5	3833.3	3725.6	3605.0	3452.8	3289.6	3064.4
-47.5°	3820.0	3773.8	3749.8	3760.6	3755.5	3654.5	3499.9	3325.0	3157.9	2976.7	2778.0
-50°	3566.2	3494.7	3462.6	3483.8	3489.1	3344.0	3171.4	3006.8	2849.5	2690.6	2515.9
-52.5°	3321.3	3207.1	3153.7	3147.7	3115.7	2977.2	2831.3	2710.6	2583.0	2436.6	2275.7
-55°	3033.0	2949.9	2854.4	2794.8	2725.3	2622.9	2516.7	2418.4	2313.2	2177.0	2038.0
-57.5°	2676.4	2677.4	2571.2	2464.2	2382.2	2288.0	2190.6	2111.0	2016.3	1895.4	1774.1
-60°	2363.6	2316.6	2229.0	2158.2	2060.8	1965.5	1876.6	1800.9	1708.3	1601.9	1485.8
-62.5°	1982.8	1939.8	1864.3	1846.1	1775.9	1678.2	1590.0	1511.2	1424.3	1323.5	1233.1
-65°	1610.9	1578.5	1527.2	1512.2	1497.9	1420.3	1332.2	1249.5	1174.5	1096.8	1013.6
-67.5°	1286.2	1258.6	1228.9	1202.9	1193.6	1151.7	1075.3	1002.9	941.0	874.9	809.5
-70°	1014.1	990.7	964.9	935.3	913.9	893.0	844.9	783.3	729.0	677.9	625.7
-72.5°	783.9	762.4	743.0	716.8	690.2	671.6	640.4	595.0	552.1	513.6	473.9
-75°	577.3	563.9	550.6	528.6	503.9	486.1	465.2	435.5	406.3	376.7	346.8
-77.5°	417.5	405.2	393.7	378.7	360.6	346.9	333.2	312.0	291.6	273.9	257.4
-80°	299.8	289.6	280.8	271.1	259.6	250.9	243.7	230.3	213.9	199.1	185.8
-82.5°	191.4	187.9	182.1	175.6	167.2	161.3	155.1	145.3	136.6	128.2	121.4
-85°	103.0	100.9	98.0	94.6	89.4	87.4	83.3	77.6	74.7	71.5	69.5
-87.5°	45.5	44.7	43.8	41.1	39.9	38.8	39.2	36.1	34.8	31.9	30.6
-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: P902123 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S2

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°	21.5	20.5	19.4	19.6	19.5	18.2	16.8	15.4	13.9	12.4	10.9
85°	69.4	65.2	59.8	57.3	52.1	44.5	38.3	32.3	27.8	24.9	21.9
82.5°	152.9	139.1	124.5	114.2	97.4	82.9	72.7	62.9	53.5	44.9	36.1
80°	276.2	245.7	216.6	200.6	180.9	148.1	121.6	98.5	80.2	68.8	57.2
77.5°	439.2	387.0	350.4	321.5	284.8	225.9	183.6	154.9	126.1	98.9	78.0
75°	638.8	573.0	514.4	468.4	407.2	334.0	271.7	218.8	176.5	143.7	109.5
72.5°	874.7	790.3	706.7	643.5	571.0	461.9	366.5	303.1	242.8	187.7	146.5
70°	1141.2	1030.7	926.4	859.1	753.2	603.9	490.8	393.3	316.4	248.0	182.9
67.5°	1417.6	1281.8	1159.1	1075.4	960.8	768.3	614.0	497.0	395.4	309.0	232.6
65°	1689.2	1530.4	1386.2	1284.3	1182.6	927.2	741.5	599.9	479.3	373.2	283.1
62.5°	1945.6	1767.4	1603.8	1488.8	1370.7	1095.0	866.4	707.1	563.0	443.4	332.2
60°	2182.4	1991.9	1803.9	1689.4	1550.4	1257.7	1001.2	816.2	660.2	511.8	394.0
57.5°	2452.6	2215.7	2000.3	1874.1	1740.0	1413.7	1134.5	933.5	755.8	595.1	455.0
55°	2736.1	2459.7	2193.9	2039.0	1961.8	1563.5	1264.8	1045.9	855.9	679.7	514.4
52.5°	2978.5	2645.7	2367.5	2227.8	2116.2	1713.8	1383.8	1158.2	954.1	761.8	583.2
50°	3142.5	2781.2	2500.2	2372.9	2282.8	1860.3	1507.1	1267.8	1050.7	847.2	650.3
47.5°	3246.0	2907.4	2632.2	2495.7	2437.3	1969.0	1625.5	1378.8	1149.4	929.3	714.2
45°	3344.1	3035.2	2769.4	2644.4	2540.8	2084.4	1742.8	1487.6	1244.7	1006.4	778.1
42.5°	3460.9	3169.3	2904.2	2793.5	2659.8	2214.8	1862.3	1594.1	1338.6	1085.5	840.0
40°	3585.4	3309.6	3058.8	2950.0	2823.0	2318.9	1980.7	1701.7	1430.4	1160.8	897.5
37.5°	3694.0	3424.4	3185.1	3112.0	2909.2	2429.4	2086.4	1801.5	1513.7	1232.1	950.9
35°	3773.3	3513.0	3314.2	3258.3	3044.4	2517.6	2176.7	1890.0	1590.0	1292.8	1002.1
32.5°	3844.4	3592.7	3403.6	3403.0	3099.2	2586.5	2252.3	1956.9	1657.0	1348.6	1049.7
30°	3914.6	3671.2	3520.2	3530.8	3147.7	2652.3	2317.2	2017.1	1711.3	1398.2	1092.7
27.5°	3993.4	3761.6	3625.0	3660.9	3198.2	2699.7	2379.5	2071.9	1760.3	1444.4	1131.5
25°	4062.6	3838.7	3726.9	3650.3	3214.0	2772.0	2438.3	2124.5	1804.7	1487.7	1166.0
22.5°	4128.3	3910.9	3792.2	3684.3	3240.9	2826.0	2496.8	2172.6	1851.0	1526.4	1202.5
20°	4186.5	3978.6	3849.5	3632.3	3231.7	2885.0	2549.7	2220.9	1892.8	1563.6	1237.1
17.5°	4230.2	4035.3	3894.1	3623.9	3262.3	2931.1	2597.4	2263.7	1931.5	1599.3	1267.5
15°	4297.8	4098.2	3938.5	3625.9	3288.0	2969.8	2637.0	2303.3	1966.2	1630.0	1295.3
12.5°	4379.0	4176.2	3975.0	3659.2	3334.2	3002.2	2673.1	2338.7	1994.5	1657.5	1320.9
10°	4473.6	4250.5	4016.1	3714.2	3403.4	3032.4	2701.2	2366.5	2017.7	1681.3	1341.9
7.5°	4567.0	4338.7	4101.5	3811.6	3466.4	3050.6	2720.0	2386.2	2035.0	1699.6	1356.4
5°	4618.2	4386.9	4129.7	3834.1	3471.2	3055.3	2730.6	2396.1	2040.6	1702.6	1357.5
2.5°	4578.5	4346.5	4094.7	3790.1	3429.0	3033.9	2712.6	2382.1	2032.2	1696.8	1353.6
0°	4472.0	4248.6	3998.7	3673.4	3346.6	2998.0	2685.4	2360.9	2017.3	1685.6	1344.8
-2.5°	4371.1	4158.2	3948.6	3619.7	3298.2	2971.0	2657.6	2331.2	1991.2	1661.0	1323.6
-5°	4291.2	4078.4	3900.1	3591.6	3255.2	2938.4	2622.8	2294.5	1959.0	1631.1	1297.9
-7.5°	4225.7	4010.2	3854.1	3584.2	3218.1	2904.5	2587.6	2258.1	1924.4	1597.8	1267.7
-10°	4172.4	3945.7	3813.1	3592.7	3203.6	2861.8	2544.8	2216.0	1886.5	1565.2	1239.4
-12.5°	4109.4	3877.6	3762.8	3603.7	3194.2	2810.5	2496.4	2171.4	1844.1	1527.5	1208.5
-15°	4029.9	3797.6	3683.2	3596.0	3194.7	2753.8	2440.9	2122.9	1805.3	1488.8	1173.7
-17.5°	3936.5	3713.1	3594.0	3549.7	3155.7	2684.6	2377.1	2070.0	1761.3	1450.5	1138.9
-20°	3847.0	3621.3	3481.1	3468.5	3115.6	2626.7	2308.8	2013.2	1712.7	1407.5	1102.9



REPORT NUMBER: P902123 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S2

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3767.7	3527.4	3373.4	3354.8	3085.5	2560.1	2240.3	1950.5	1659.6	1358.9	1062.7
-25°	3696.5	3453.1	3269.3	3226.1	3016.8	2500.6	2163.8	1877.1	1601.9	1304.0	1019.4
-27.5°	3623.8	3371.6	3164.9	3110.4	2882.5	2408.5	2076.5	1796.2	1527.0	1245.6	971.4
-30°	3525.4	3266.3	3037.2	2933.4	2787.2	2321.0	1976.0	1706.6	1445.0	1180.9	920.3
-32.5°	3416.9	3143.8	2884.2	2801.6	2644.0	2210.9	1872.5	1610.9	1359.7	1110.2	866.1
-35°	3321.3	3029.9	2763.5	2668.6	2543.4	2101.1	1759.7	1511.0	1271.5	1036.9	808.2
-37.5°	3255.1	2926.0	2657.0	2550.1	2402.5	1997.8	1648.7	1413.8	1182.3	963.2	748.5
-40°	3170.7	2836.1	2562.1	2431.1	2307.6	1876.0	1551.8	1312.7	1092.1	887.8	689.5
-42.5°	3047.1	2724.9	2436.7	2294.6	2152.3	1764.7	1439.3	1207.5	1001.7	810.2	628.2
-45°	2821.2	2551.0	2296.0	2149.3	2008.6	1624.7	1323.0	1105.4	911.1	730.6	564.9
-47.5°	2566.1	2342.6	2127.0	1979.6	1849.4	1472.8	1202.0	1000.1	822.7	658.0	505.7
-50°	2323.3	2130.8	1944.0	1820.5	1666.1	1343.9	1084.8	895.1	733.3	587.3	451.3
-52.5°	2103.4	1926.7	1758.9	1654.2	1505.9	1203.2	967.5	801.0	653.8	516.3	397.3
-55°	1880.4	1720.6	1570.9	1466.1	1341.4	1070.7	864.1	707.2	577.4	458.0	345.2
-57.5°	1631.3	1491.5	1362.1	1278.9	1145.3	932.1	756.5	622.2	501.7	399.6	305.4
-60°	1362.6	1257.2	1150.8	1079.9	966.1	791.2	648.3	534.0	432.5	343.0	264.5
-62.5°	1132.2	1041.2	957.6	894.8	800.5	654.3	538.2	448.5	360.2	292.3	222.6
-65°	929.4	846.7	777.9	727.3	651.1	524.3	438.6	361.2	299.7	240.7	191.4
-67.5°	744.3	674.9	616.4	580.8	505.5	419.1	344.0	294.0	243.1	198.5	159.7
-70°	577.9	524.5	473.4	452.0	395.2	321.9	279.1	236.2	196.5	162.7	128.8
-72.5°	433.6	398.1	369.3	344.8	306.1	258.9	220.6	190.1	158.6	128.1	106.3
-75°	315.9	296.8	281.3	263.1	231.3	201.9	175.7	148.7	123.9	102.6	83.6
-77.5°	240.1	222.5	209.2	196.9	177.8	153.3	132.8	113.7	95.4	76.8	63.6
-80°	172.7	160.4	150.7	141.5	128.5	111.8	96.8	81.0	68.2	56.3	48.1
-82.5°	113.8	106.2	100.4	93.6	84.1	73.4	64.7	55.5	47.7	37.8	32.5
-85°	65.3	61.5	58.4	54.8	48.9	41.8	36.6	31.6	27.7	21.8	20.5
-87.5°	27.7	26.3	25.0	23.5	20.7	18.2	16.8	15.4	13.9	10.9	10.3
-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: P902123 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S2

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°	9.4	8.4	6.3	4.7	3.2	1.5	0.0
85°	18.8	16.7	12.6	9.5	6.3	3.0	0.0
82.5°	28.3	25.0	18.9	14.2	9.5	4.5	0.0
80°	45.4	34.8	25.1	18.9	12.6	5.9	0.0
77.5°	63.3	48.7	33.0	23.6	15.7	7.4	0.0
75°	80.8	62.4	43.6	28.2	18.7	8.8	0.0
72.5°	108.1	75.9	53.9	34.7	21.7	10.2	0.0
70°	138.2	94.3	64.0	41.6	24.7	11.6	0.0
67.5°	167.7	118.1	73.8	48.4	27.5	13.0	0.0
65°	203.0	141.2	87.5	55.0	31.1	14.3	0.0
62.5°	244.5	163.7	104.7	61.3	35.1	15.6	0.0
60°	284.9	190.4	121.3	67.5	38.9	16.9	0.0
57.5°	324.2	222.0	137.3	73.8	42.7	18.1	0.0
55°	374.6	252.4	152.5	84.9	46.3	19.3	0.0
52.5°	422.1	281.5	168.6	95.5	49.8	20.5	0.0
50°	467.0	308.7	190.1	105.5	53.1	21.6	0.0
47.5°	510.6	343.1	210.5	115.0	56.3	22.7	0.0
45°	560.4	375.6	229.7	124.0	59.4	23.7	0.0
42.5°	607.8	406.2	247.6	132.3	62.2	24.6	0.0
40°	652.2	434.8	264.3	140.2	64.9	25.5	0.0
37.5°	692.9	461.4	279.7	147.6	67.5	26.4	0.0
35°	732.6	490.6	297.6	157.7	71.6	27.5	0.0
32.5°	770.2	519.7	315.9	168.1	75.9	28.6	0.0
30°	804.3	546.4	332.5	177.6	80.0	29.6	0.0
27.5°	836.8	570.6	348.3	186.3	83.6	30.6	0.0
25°	866.9	592.2	362.6	194.1	86.9	31.4	0.0
22.5°	893.9	611.9	375.2	200.9	89.8	32.2	0.0
20°	918.7	631.1	386.2	206.9	92.3	32.9	0.0
17.5°	944.1	647.9	395.6	211.9	94.4	33.5	0.0
15°	967.3	663.4	403.3	216.0	96.2	34.0	0.0
12.5°	986.9	677.4	409.1	219.2	97.6	34.4	0.0
10°	1002.9	687.0	413.2	221.5	98.7	34.7	0.0
7.5°	1010.1	692.3	415.7	222.9	99.3	34.9	0.0
5°	1011.7	694.5	416.5	223.5	99.6	35.1	0.0
2.5°	1009.3	693.7	415.6	223.2	99.6	35.1	0.0
0°	1003.0	689.9	413.2	222.1	99.2	35.1	0.0
-2.5°	988.7	681.1	408.6	220.2	98.7	35.0	0.0
-5°	970.6	669.5	402.5	217.6	97.9	34.8	0.0
-7.5°	949.0	655.2	394.9	214.1	96.7	34.6	0.0
-10°	925.5	638.2	386.0	209.9	95.3	34.3	0.0
-12.5°	902.7	620.2	375.7	205.0	93.5	33.8	0.0
-15°	876.6	601.5	364.5	199.3	91.4	33.3	0.0
-17.5°	847.5	581.3	353.1	193.0	89.0	32.7	0.0
-20°	816.4	559.7	340.4	186.2	86.4	32.1	0.0



REPORT NUMBER: P902123 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	785.1	536.0	326.5	179.0	83.4	31.3	0.0
-25°	751.6	510.6	311.3	171.3	80.2	30.5	0.0
-27.5°	715.1	483.5	295.1	163.0	76.7	29.6	0.0
-30°	675.6	454.5	277.8	154.2	73.0	28.6	0.0
-32.5°	634.0	423.9	260.3	144.9	69.1	27.5	0.0
-35°	590.3	391.5	241.9	135.1	65.1	26.4	0.0
-37.5°	546.6	361.0	224.4	125.9	61.3	25.3	0.0
-40°	504.1	335.5	210.3	118.9	58.8	24.4	0.0
-42.5°	458.7	309.1	195.6	111.8	56.2	23.5	0.0
-45°	411.2	281.7	180.3	104.4	53.4	22.5	0.0
-47.5°	363.0	253.4	164.3	96.8	50.5	21.5	0.0
-50°	326.5	224.3	147.8	88.8	47.6	20.5	0.0
-52.5°	292.1	203.2	130.8	80.7	44.5	19.4	0.0
-55°	257.8	182.2	118.4	72.2	41.3	18.3	0.0
-57.5°	223.6	160.7	107.0	63.6	38.0	17.1	0.0
-60°	197.8	138.8	95.4	58.1	34.6	15.9	0.0
-62.5°	171.5	120.7	83.5	52.9	31.1	14.7	0.0
-65°	144.8	105.4	71.4	47.4	27.5	13.5	0.0
-67.5°	121.9	89.6	61.3	41.8	24.4	12.2	0.0
-70°	102.6	73.4	53.7	36.1	21.8	10.9	0.0
-72.5°	83.1	60.4	45.9	30.2	19.1	9.6	0.0
-75°	65.2	50.4	38.1	24.7	16.5	8.2	0.0
-77.5°	52.4	40.4	30.1	20.6	13.8	6.9	0.0
-80°	39.3	30.2	23.5	16.6	11.1	5.5	0.0
-82.5°	26.4	22.1	17.7	12.4	8.3	4.2	0.0
-85°	17.6	14.8	11.8	8.3	5.5	2.8	0.0
-87.5°	8.8	7.4	5.9	4.2	2.8	1.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)