

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: P902125 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-AV-03-1360S-57-85-S3**

Issue Date: 11/14/2024

Test Information

Test Method: LM-79-08
Report Number: P902125 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (LVA2005042)
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-S3
Description: ARENAVISION LUMINAIRE
5700K, 85 CRI LEDS AND S3 OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

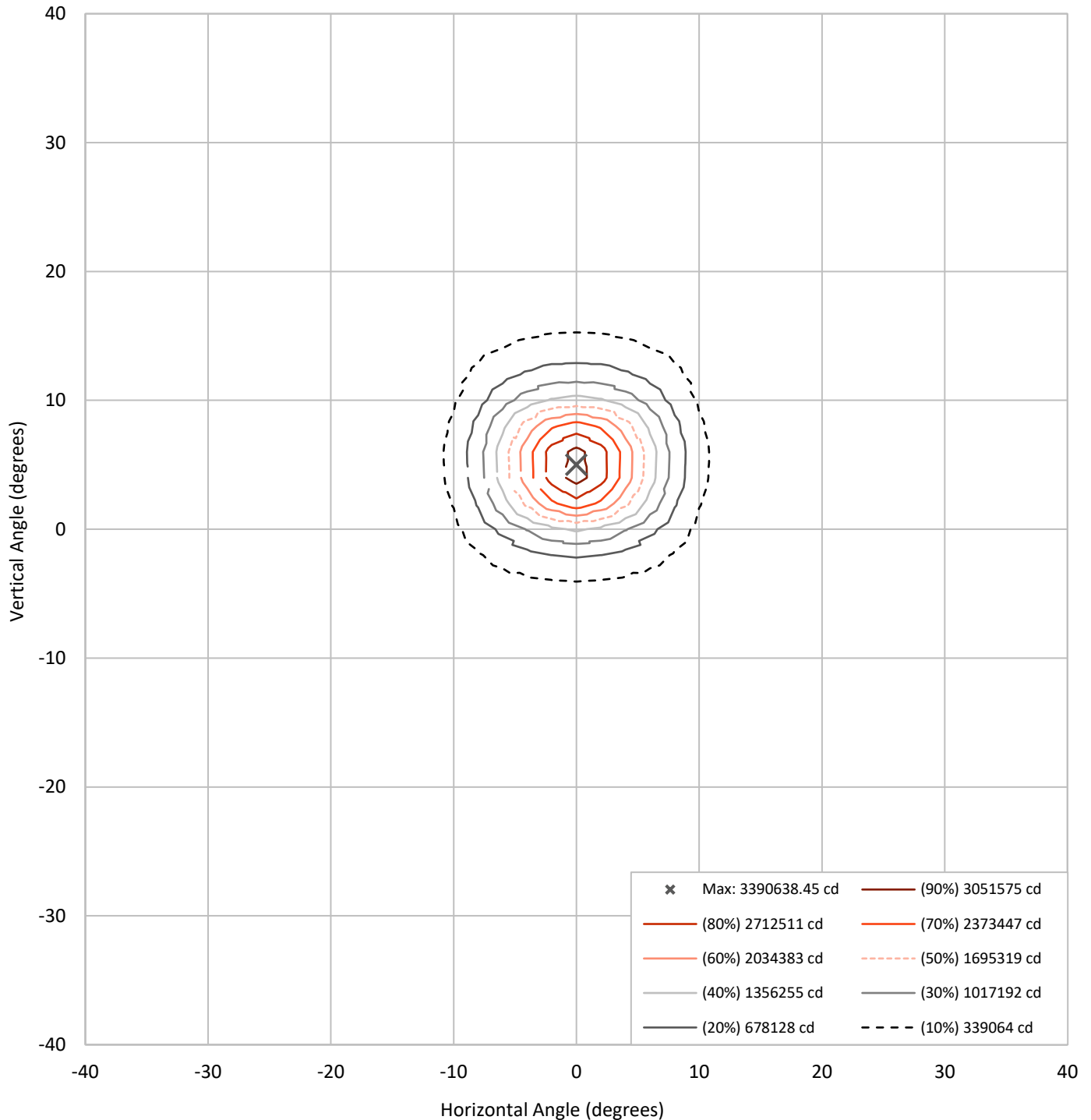
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	166106.1 lumens	Max Intensity:	3390638.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 5°V
Efficacy:	117.6 lumens/watt		
Luminous Opening:	Rectangular (W 2m x L: 2m x H: 0m)		

Beam Angle (50%):	11.6°H x 9.1°V	Field Angle (10%):	21.9°H x 19°V
Beam Lumens:	54981.8 lumens	Field Lumens:	121226.8 lumens
Beam Efficiency:	33.1%	Field Efficiency:	73.0%

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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CATALOG NUMBER: EPH-AV-03-1360S-57-85-S3

Iso-Candela Plot





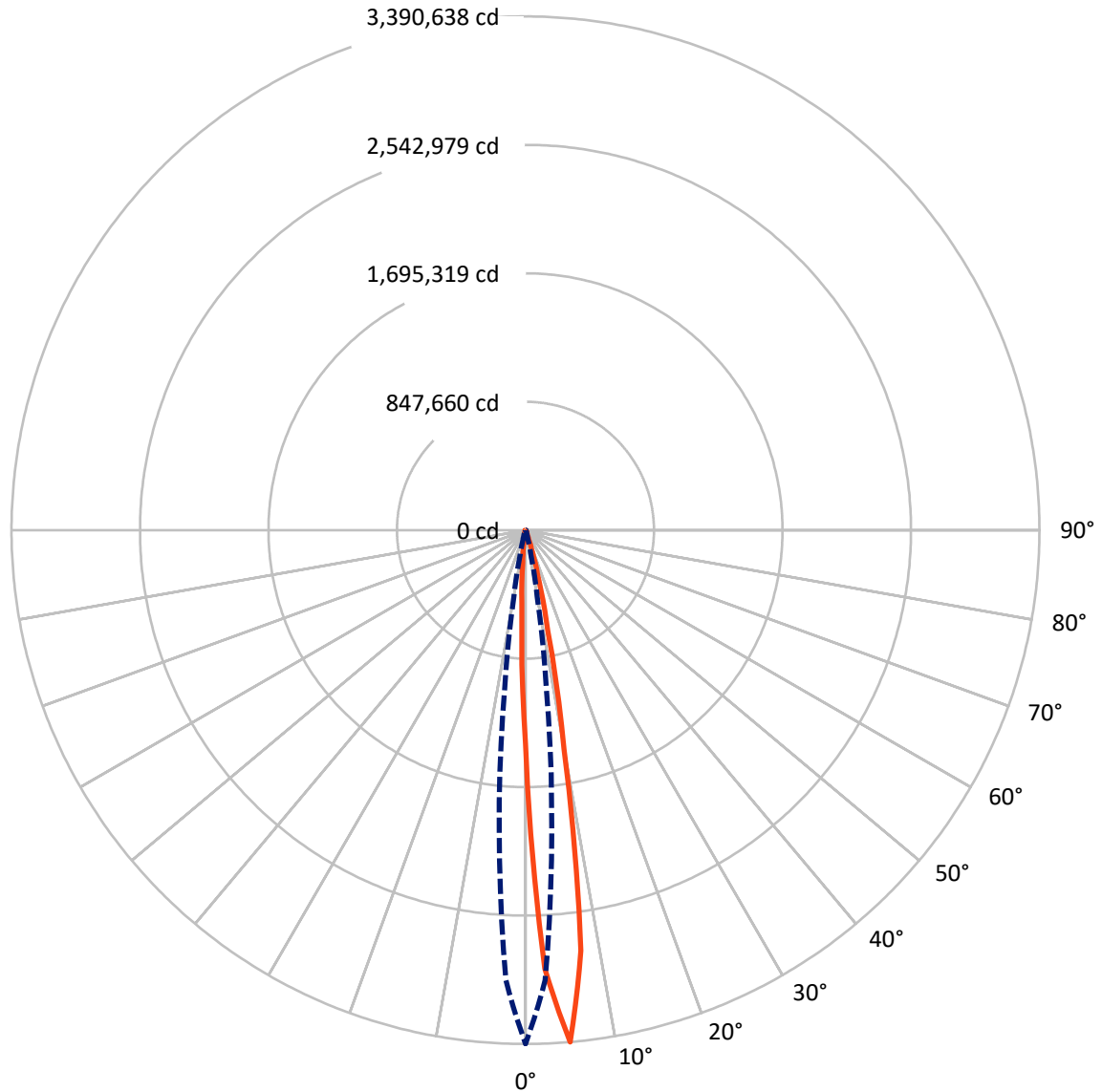
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Lumen Table

90	1.4	15.0		45.7		89.7		108.1		89.7		45.7		15.0		1.4			
80	1.4	15.0		45.7		89.7		108.1		89.7		45.7		15.0		1.4			
70	6.4	8.7	21.1	36.7	60.0	80.7	89.8	96.5	96.5	89.8	80.7	60.0	36.7	21.1	8.7	6.4			
60		13.7	32.8	61.0	97.0	116.3	123.2	132.3	132.3	123.2	116.3	97.0	61.0	32.8	13.7				
50	12.4	18.0	42.7	81.6	118.9	141.6	161.6	182.3	182.3	161.6	141.6	118.9	81.6	42.7	18.0	12.4			
40		21.9	52.8	91.8	135.1	177.7	213.9	253.4	253.4	213.9	177.7	135.1	91.8	52.8	21.9				
30	16.7	25.2	61.0	98.5	153.3	216.4	352.8	668.7	668.7	352.8	216.4	153.3	98.5	61.0	25.2	16.7			
20		27.4	67.2	108.9	169.8	297.1	1414.3	10708.1	10708.1	1414.3	297.1	169.8	108.9	67.2	27.4				
10	17.9	28.1	70.8	116.3	183.8	358.3	3118.6	47428.4	47428.4	3118.6	358.3	183.8	116.3	70.8	28.1	17.9			
0		27.2	66.3	108.5	170.9	293.7	1144.7	8101.1	8101.1	1144.7	293.7	170.9	108.5	66.3	27.2				
-10	15.0	25.2	60.5	97.5	154.1	216.4	343.8	547.6	547.6	343.8	216.4	154.1	97.5	60.5	25.2	15.0			
-20		22.0	52.0	89.4	132.8	178.1	216.8	255.1	255.1	216.8	178.1	132.8	89.4	52.0	22.0				
-30	10.1	18.4	43.0	80.5	117.2	141.8	164.3	185.5	185.5	164.3	141.8	117.2	80.5	43.0	18.4	10.1			
-40		14.7	35.0	63.9	98.7	117.6	125.1	135.0	135.0	125.1	117.6	98.7	63.9	35.0	14.7				
-50	4.8	10.4	24.7	42.4	66.4	85.9	93.7	103.4	103.4	93.7	85.9	66.4	42.4	24.7	10.4	4.8			
-60		6.0	13.5	22.4	33.7	47.3	54.2	60.4	60.4	54.2	47.3	33.7	22.4	13.5	6.0				
-70	1.1	10.6		28.0		48.8		60.0		48.8		28.0		10.6		1.1			
-80		10.6		28.0		48.8		60.0		48.8		28.0		10.6					
-90	1.1	10.6		28.0		48.8		60.0		48.8		28.0		10.6		1.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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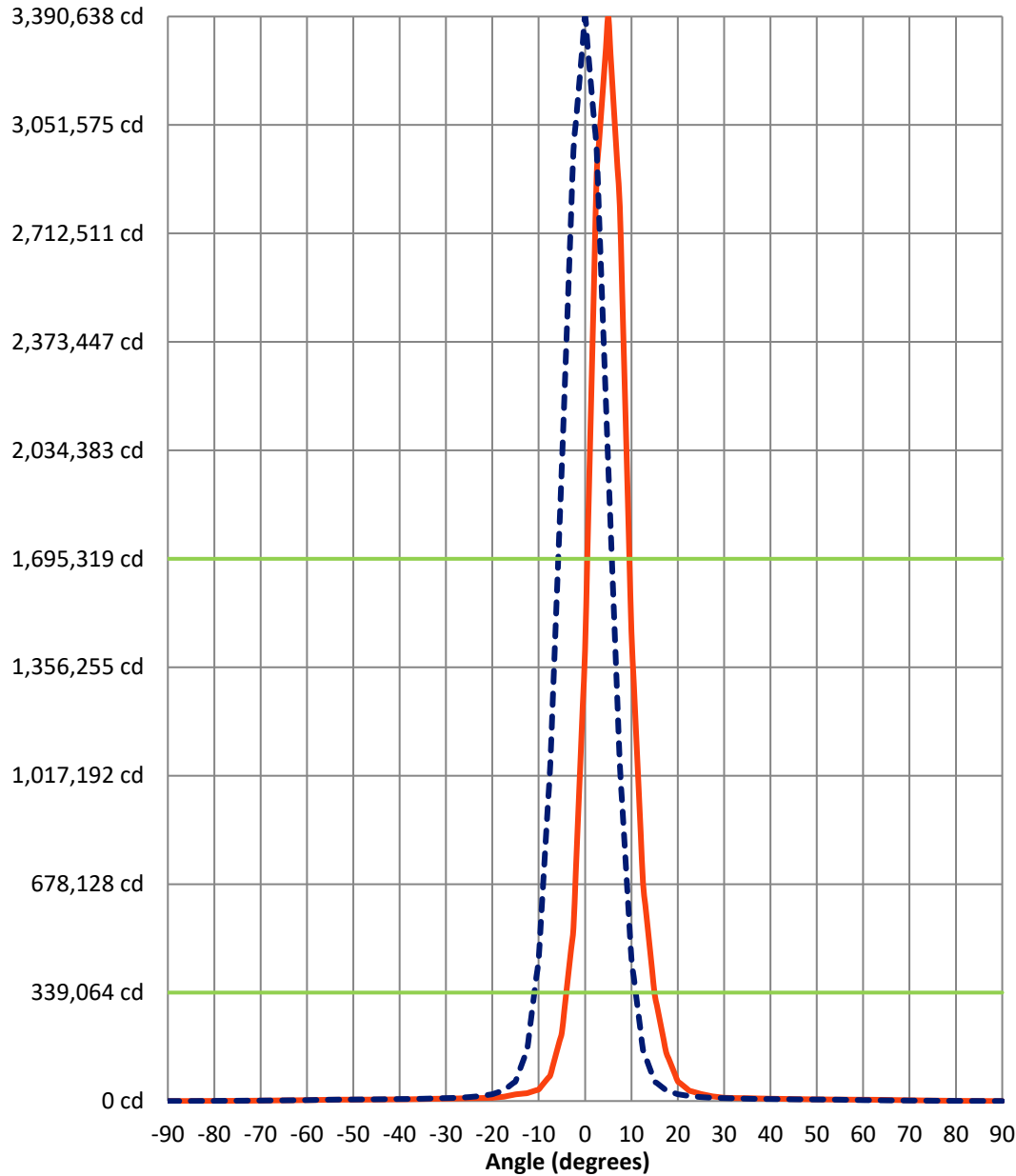
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 11.6°
 V Angle: 9.1°
 Lumens: 54981.8
 Efficiency: 33.1%

Field:
 H Angle: 21.9°
 V Angle: 19°
 Lumens: 121226.8
 Efficiency: 73.0%

Spill:
 Lumens: 44879.3
 Efficiency: 27.0%

— 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	2.2	4.6	7.1	9.9	12.3	14.7	16.4	19.4	20.9	23.1
85°	0.0	4.4	9.1	14.2	19.7	24.6	29.4	32.8	38.8	41.8	48.2
82.5°	0.0	6.5	13.6	21.3	29.5	36.8	44.0	53.3	66.3	76.7	91.1
80°	0.0	8.7	18.1	28.3	39.2	51.2	67.0	81.7	97.8	112.9	138.3
77.5°	0.0	10.8	22.6	35.3	50.8	70.9	90.7	109.9	135.4	168.4	205.1
75°	0.0	13.0	27.0	42.1	65.6	90.3	114.2	148.1	187.3	228.1	277.7
72.5°	0.0	15.1	31.3	52.0	80.3	109.4	147.0	191.6	238.4	299.9	366.5
70°	0.0	17.1	35.6	62.4	94.6	133.1	182.6	234.1	303.0	377.0	458.3
67.5°	0.0	19.2	39.8	72.6	108.7	161.8	217.5	287.5	367.9	457.2	557.6
65°	0.0	21.2	45.1	82.5	126.8	190.0	257.2	341.4	433.8	540.4	654.6
62.5°	0.0	23.1	51.1	92.1	148.0	217.7	302.0	394.0	501.9	622.1	750.5
60°	0.0	25.1	57.0	101.3	168.5	248.6	345.5	451.9	567.0	706.3	846.0
57.5°	0.0	26.9	62.7	110.6	188.1	283.4	387.7	508.8	639.9	788.4	942.3
55°	0.0	28.7	68.2	124.2	206.7	317.2	435.8	564.7	712.0	868.7	1033.7
52.5°	0.0	30.5	73.5	137.2	225.8	349.8	482.0	623.9	780.8	945.2	1121.6
50°	0.0	32.2	78.6	149.7	249.6	379.7	526.2	680.5	844.5	1018.0	1203.9
47.5°	0.0	33.9	83.4	161.6	272.3	413.5	568.9	733.9	904.4	1087.9	1283.4
45°	0.0	35.4	88.0	172.8	293.9	446.0	613.2	784.5	962.8	1154.9	1359.4
42.5°	0.0	37.0	92.4	183.5	314.2	477.1	656.1	835.0	1021.4	1221.3	1432.5
40°	0.0	38.4	96.4	193.6	333.3	506.9	696.6	883.0	1076.6	1286.8	1511.2
37.5°	0.0	39.8	100.2	203.1	351.0	535.2	733.5	928.2	1128.2	1348.4	1584.7
35°	0.0	41.5	105.6	214.8	370.2	562.7	767.5	970.9	1178.6	1406.7	1655.4
32.5°	0.0	43.3	111.1	226.8	389.1	588.8	799.0	1009.9	1226.4	1462.6	1723.6
30°	0.0	44.9	116.3	237.8	406.5	613.4	828.2	1046.2	1270.3	1516.2	1785.7
27.5°	0.0	46.4	121.1	248.0	423.4	636.4	857.2	1080.3	1312.4	1565.1	1843.1
25°	0.0	47.8	125.4	257.3	438.9	657.6	884.9	1112.1	1353.6	1612.5	1901.1
22.5°	0.0	49.0	129.3	265.6	453.0	677.6	910.7	1145.3	1394.6	1662.4	1952.0
20°	0.0	50.2	132.7	272.9	465.4	696.8	934.6	1177.0	1432.8	1706.2	1999.4
17.5°	0.0	51.1	135.6	279.0	476.2	713.9	957.0	1205.4	1467.4	1743.1	2039.0
15°	0.0	52.0	138.0	283.9	485.5	728.9	977.2	1230.6	1497.3	1772.6	2069.4
12.5°	0.0	52.7	140.0	287.8	492.0	741.8	994.6	1252.1	1521.7	1795.8	2092.3
10°	0.0	53.3	141.5	290.6	496.3	750.0	1009.1	1270.0	1540.8	1809.9	2108.4
7.5°	0.0	53.7	142.5	292.4	499.0	753.8	1014.6	1282.1	1555.2	1818.2	2118.5
5°	0.0	54.0	143.1	293.2	500.0	755.1	1014.7	1280.8	1555.9	1820.0	2121.4
2.5°	0.0	54.2	143.2	292.9	499.3	753.8	1011.8	1275.7	1549.3	1814.8	2113.9
0°	0.0	54.2	142.9	291.7	496.9	750.0	1005.8	1266.9	1538.2	1804.4	2099.7
-2.5°	0.0	54.1	142.1	289.1	491.6	740.7	992.1	1247.9	1515.5	1785.4	2081.7
-5°	0.0	53.9	140.9	285.6	484.7	729.0	975.5	1225.4	1488.5	1761.0	2057.3
-7.5°	0.0	53.5	139.3	281.1	476.3	715.0	956.1	1199.7	1458.9	1732.0	2029.4
-10°	0.0	53.0	137.2	275.8	466.3	698.8	935.3	1176.0	1430.3	1697.9	1994.9
-12.5°	0.0	52.4	134.7	269.6	455.0	681.9	915.2	1150.3	1397.9	1659.3	1955.0
-15°	0.0	51.6	131.9	262.6	442.6	664.7	892.6	1121.5	1363.0	1622.1	1909.1
-17.5°	0.0	50.7	128.7	254.9	429.9	645.6	867.7	1090.8	1326.1	1579.6	1857.7
-20°	0.0	49.7	125.0	246.5	415.8	624.5	840.4	1058.0	1285.5	1530.4	1799.6



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 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S3

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	48.6	121.1	237.8	400.4	601.5	811.0	1022.2	1241.0	1475.5	1734.4
-25°	0.0	47.4	116.8	228.5	383.7	576.5	779.4	984.2	1193.0	1416.2	1660.7
-27.5°	0.0	46.0	112.1	218.4	365.8	549.9	745.5	943.7	1144.2	1358.1	1581.7
-30°	0.0	44.6	107.2	207.8	346.8	522.0	710.0	901.2	1095.0	1300.8	1515.7
-32.5°	0.0	43.0	102.0	196.5	327.7	492.9	674.3	856.7	1046.2	1241.5	1450.6
-35°	0.0	41.4	96.6	184.6	307.8	462.7	637.4	811.5	995.2	1185.8	1382.8
-37.5°	0.0	39.8	91.5	173.3	288.4	433.0	599.5	766.5	942.4	1128.6	1323.4
-40°	0.0	38.4	87.8	164.1	271.8	405.5	560.5	719.6	889.0	1068.5	1259.9
-42.5°	0.0	37.0	83.9	154.7	254.4	377.0	519.0	669.6	831.9	1004.7	1190.0
-45°	0.0	35.4	79.9	145.3	236.4	347.6	475.5	617.0	771.2	936.0	1112.1
-47.5°	0.0	33.9	75.8	135.5	217.7	317.4	430.8	565.2	709.4	864.5	1027.6
-50°	0.0	32.2	71.4	125.3	198.4	286.4	393.7	515.2	647.8	790.2	940.2
-52.5°	0.0	30.5	67.0	114.8	178.6	262.0	358.5	465.3	585.5	720.6	859.8
-55°	0.0	28.7	62.4	104.0	163.2	238.0	323.7	416.6	531.8	652.2	778.7
-57.5°	0.0	26.9	57.7	92.9	148.5	213.2	288.9	374.9	477.1	583.3	700.7
-60°	0.0	25.1	52.9	85.4	133.4	187.8	257.8	331.6	422.0	514.9	618.2
-62.5°	0.0	23.1	48.0	78.0	118.1	165.6	226.1	286.6	366.0	442.6	534.7
-65°	0.0	21.2	42.9	70.4	102.4	145.9	193.8	249.7	309.1	377.4	449.5
-67.5°	0.0	19.2	38.3	62.7	89.0	125.6	165.2	212.2	260.7	314.0	377.2
-70°	0.0	17.1	34.2	54.7	78.1	104.8	139.8	175.5	218.0	259.6	311.5
-72.5°	0.0	15.1	30.1	46.6	67.0	87.4	114.1	146.2	176.2	213.3	256.8
-75°	0.0	13.0	25.9	38.8	55.7	73.2	90.2	116.6	142.5	169.7	205.8
-77.5°	0.0	10.8	21.7	32.5	44.3	58.8	72.5	89.8	108.3	131.1	158.9
-80°	0.0	8.7	17.4	26.0	34.6	44.3	54.6	67.9	79.9	93.7	112.7
-82.5°	0.0	6.5	13.1	19.6	26.0	32.5	37.1	45.7	53.8	62.9	74.7
-85°	0.0	4.4	8.7	13.1	17.4	21.7	24.7	28.7	31.1	33.1	38.4
-87.5°	0.0	2.2	4.4	6.5	8.7	10.8	12.4	14.4	15.6	16.6	18.3
-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°	24.2	26.2	28.1	28.8	30.5	30.7	32.3	33.8	35.2	34.9	36.1
85°	54.8	62.3	69.9	74.8	80.9	85.7	89.7	92.8	96.5	98.2	102.6
82.5°	102.8	113.4	125.2	139.2	154.5	169.2	180.8	190.0	200.6	207.3	217.2
80°	165.2	188.5	210.4	230.1	253.6	282.1	306.3	324.9	344.9	362.5	382.9
77.5°	240.2	274.9	311.8	347.4	385.9	422.5	460.7	488.6	516.9	551.2	584.6
75°	335.2	385.9	428.6	482.7	539.1	591.1	636.2	682.6	726.5	783.1	845.2
72.5°	434.8	510.1	575.7	636.9	717.5	795.4	859.0	916.1	975.4	1054.2	1161.2
70°	552.6	644.7	731.1	820.9	923.6	1016.8	1095.6	1170.8	1245.6	1348.7	1497.1
67.5°	668.4	789.5	894.3	1006.7	1135.0	1242.5	1338.2	1426.7	1518.2	1652.3	1841.3
65°	785.3	932.7	1059.4	1193.9	1343.6	1470.2	1584.3	1681.8	1794.4	1969.7	2202.0
62.5°	897.8	1064.1	1216.6	1376.9	1544.7	1697.4	1830.7	1943.1	2087.9	2305.3	2560.6
60°	1009.8	1191.6	1367.9	1548.0	1740.4	1922.0	2076.2	2219.1	2403.8	2652.9	2943.7
57.5°	1117.9	1318.6	1514.8	1705.4	1930.5	2144.8	2341.9	2511.3	2729.0	3008.5	3355.7
55°	1222.2	1445.0	1658.0	1847.3	2095.3	2342.2	2591.1	2811.4	3061.1	3376.7	3747.8
52.5°	1319.7	1564.0	1792.0	1992.4	2231.2	2515.9	2819.8	3115.5	3379.7	3712.8	4088.0
50°	1415.8	1669.9	1921.8	2121.8	2376.3	2679.1	3039.3	3412.9	3673.2	3980.3	4350.9
47.5°	1501.9	1764.7	2039.5	2253.8	2528.0	2854.6	3241.1	3643.6	3954.7	4201.7	4473.1
45°	1580.6	1860.7	2145.3	2387.8	2694.1	3040.7	3429.2	3847.1	4157.3	4370.2	4635.4
42.5°	1662.7	1958.2	2259.1	2537.2	2871.4	3236.6	3632.8	4036.0	4313.6	4538.4	4786.5
40°	1760.5	2057.4	2382.6	2685.5	3056.1	3463.9	3850.4	4186.9	4436.3	4654.1	4947.6
37.5°	1851.2	2161.4	2501.6	2846.0	3238.1	3650.1	4012.7	4274.8	4436.8	4659.2	5020.8
35°	1934.4	2252.4	2615.7	2980.1	3399.7	3791.9	4120.0	4289.0	4401.4	4652.2	5058.9
32.5°	2010.9	2337.6	2716.3	3120.7	3530.4	3913.8	4197.3	4316.0	4402.9	4665.9	5140.3
30°	2081.2	2420.2	2815.2	3257.4	3676.8	4039.3	4275.2	4336.7	4435.2	4833.1	5293.9
27.5°	2151.2	2500.4	2923.3	3387.7	3807.7	4139.4	4331.2	4388.3	4538.5	4978.1	5471.5
25°	2218.7	2584.5	3025.8	3501.4	3932.4	4239.9	4394.3	4442.9	4657.0	5190.8	5732.5
22.5°	2278.7	2654.4	3107.3	3607.8	4047.1	4330.2	4442.4	4546.8	4864.1	5435.6	5941.0
20°	2329.1	2715.3	3184.3	3711.8	4140.9	4406.4	4484.3	4646.3	5036.8	5611.9	6070.9
17.5°	2372.2	2776.3	3280.5	3810.2	4233.0	4493.7	4560.6	4771.4	5228.8	5735.1	6127.2
15°	2408.8	2822.4	3366.0	3907.1	4331.7	4563.8	4663.5	4931.0	5401.1	5873.1	6207.0
12.5°	2436.4	2856.0	3438.9	4003.1	4411.6	4621.6	4757.2	5067.4	5523.3	6043.2	6283.1
10°	2455.3	2874.8	3504.0	4091.5	4497.1	4693.3	4860.1	5158.2	5635.3	6158.3	6377.3
7.5°	2467.4	2882.3	3550.9	4192.4	4615.3	4770.6	4993.3	5291.6	5749.9	6279.5	6445.0
5°	2470.8	2880.8	3547.4	4211.2	4662.0	4806.3	5087.4	5398.0	5818.3	6340.7	6489.3
2.5°	2456.0	2854.5	3497.8	4150.8	4617.5	4772.0	5018.3	5309.3	5751.2	6337.8	6472.7
0°	2431.9	2812.4	3405.8	4001.0	4469.3	4672.7	4844.3	5160.6	5633.9	6260.0	6392.9
-2.5°	2411.2	2791.7	3358.5	3917.7	4368.0	4585.5	4725.1	5052.5	5538.1	6116.5	6337.9
-5°	2383.5	2764.0	3306.1	3837.7	4271.0	4501.0	4619.7	4902.9	5395.5	5907.2	6307.1
-7.5°	2356.4	2734.5	3253.3	3759.7	4179.3	4419.6	4513.9	4729.7	5193.1	5750.8	6214.0
-10°	2321.4	2695.8	3184.6	3672.6	4090.5	4347.5	4439.0	4604.0	4978.5	5617.4	6103.1
-12.5°	2279.9	2648.2	3105.8	3578.2	3992.1	4277.3	4386.4	4515.4	4760.0	5397.8	5998.6
-15°	2228.5	2585.1	3019.4	3475.4	3890.8	4186.4	4338.8	4432.4	4632.2	5160.6	5747.7
-17.5°	2165.3	2509.1	2919.7	3368.4	3772.8	4095.2	4290.9	4346.9	4511.8	4937.5	5469.2
-20°	2097.3	2424.7	2808.8	3239.2	3640.5	3982.6	4206.9	4277.1	4402.3	4746.4	5252.3



REPORT NUMBER: P902125 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S3

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2020.0	2338.5	2690.9	3092.6	3495.8	3859.5	4127.2	4241.5	4349.8	4669.9	5079.6
-25°	1934.2	2245.5	2578.8	2935.0	3328.2	3704.2	4013.0	4197.1	4295.7	4557.5	4962.4
-27.5°	1846.3	2142.7	2464.8	2773.5	3151.2	3526.0	3845.3	4072.7	4249.2	4496.9	4841.0
-30°	1760.0	2052.9	2357.1	2634.1	2994.3	3360.7	3705.7	4004.8	4222.9	4454.9	4758.3
-32.5°	1684.2	1964.4	2254.1	2522.7	2851.0	3207.6	3571.0	3912.1	4182.4	4384.5	4683.4
-35°	1608.7	1883.5	2160.3	2405.4	2706.9	3055.1	3431.0	3806.4	4083.8	4298.8	4552.3
-37.5°	1537.7	1808.9	2066.0	2303.8	2581.4	2903.7	3278.6	3653.5	3924.0	4165.5	4430.9
-40°	1475.3	1727.1	1973.2	2194.6	2462.2	2761.6	3106.8	3454.1	3696.1	3986.6	4304.9
-42.5°	1401.5	1640.4	1871.4	2087.4	2347.6	2638.1	2919.3	3207.8	3466.4	3778.4	4107.0
-45°	1313.6	1547.5	1761.9	1977.9	2230.9	2496.7	2746.1	2952.1	3200.4	3506.0	3845.9
-47.5°	1213.6	1434.2	1637.4	1851.8	2096.6	2321.0	2529.6	2704.6	2909.9	3189.6	3500.9
-50°	1115.8	1311.0	1503.1	1711.2	1930.4	2122.2	2302.6	2439.4	2614.3	2852.5	3141.5
-52.5°	1018.1	1196.3	1377.5	1559.6	1748.8	1922.6	2069.1	2190.1	2345.3	2547.8	2799.0
-55°	927.4	1090.4	1253.2	1406.0	1574.7	1726.2	1848.0	1950.9	2084.6	2262.4	2485.6
-57.5°	834.1	972.0	1104.0	1236.3	1377.0	1517.4	1612.1	1707.6	1815.1	1957.4	2156.5
-60°	735.9	847.4	952.4	1061.6	1168.7	1280.7	1359.3	1444.1	1534.4	1641.9	1805.2
-62.5°	631.2	725.1	807.8	899.6	992.3	1076.7	1148.9	1215.4	1275.0	1371.4	1486.1
-65°	532.8	608.6	679.6	751.7	835.9	903.4	967.3	1022.4	1073.2	1145.4	1236.9
-67.5°	438.1	504.4	562.6	626.8	691.0	748.0	800.5	841.7	881.8	936.3	998.0
-70°	366.6	407.0	459.1	512.8	557.5	607.4	649.3	682.0	715.0	749.6	793.3
-72.5°	300.6	336.6	371.1	412.7	456.6	487.1	516.1	548.3	572.3	593.6	624.7
-75°	243.3	270.1	294.6	330.4	365.3	385.1	399.9	424.1	444.2	462.6	486.9
-77.5°	186.8	209.3	231.1	257.0	283.1	300.3	313.8	328.0	339.3	350.9	368.6
-80°	134.6	152.9	169.6	189.9	208.8	222.5	232.6	244.2	254.9	266.5	282.8
-82.5°	87.4	99.4	110.2	124.4	137.3	147.2	154.2	161.9	167.1	173.0	181.4
-85°	45.7	53.1	60.1	67.6	74.4	79.8	83.5	88.1	90.2	93.2	95.6
-87.5°	20.0	21.6	23.2	24.8	26.3	27.8	29.2	32.2	33.5	36.6	37.9
-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: P902125 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S3

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°	38.0	40.1	43.7	45.5	47.4	49.2	52.5	53.7	54.8	55.7	56.5
85°	107.5	118.6	126.8	133.6	142.1	150.2	157.3	162.7	168.3	171.2	174.1
82.5°	232.0	255.3	281.6	298.5	315.6	332.8	349.2	363.9	377.1	385.8	391.4
80°	408.1	449.0	503.9	541.4	564.3	592.5	623.2	650.1	668.9	684.3	697.0
77.5°	626.9	689.4	775.1	849.2	878.6	906.5	945.1	978.7	1007.6	1031.2	1054.4
75°	912.1	991.2	1091.7	1204.2	1268.5	1291.7	1327.5	1367.1	1402.5	1428.1	1445.6
72.5°	1267.4	1353.9	1454.8	1589.7	1714.6	1780.5	1816.1	1825.4	1835.1	1843.1	1849.9
70°	1656.8	1768.2	1865.1	1995.1	2154.3	2275.6	2306.3	2277.6	2269.4	2272.7	2284.6
67.5°	2046.4	2194.2	2306.0	2416.8	2539.7	2653.6	2713.1	2705.6	2669.3	2647.8	2672.7
65°	2423.7	2607.6	2758.4	2910.1	2964.5	2997.1	3061.2	3132.5	3115.1	3052.9	3050.4
62.5°	2804.7	3024.5	3177.8	3300.1	3350.0	3356.2	3388.4	3477.0	3507.0	3434.9	3371.7
60°	3216.3	3445.0	3570.7	3633.9	3676.9	3720.6	3745.3	3747.3	3755.0	3696.9	3658.2
57.5°	3619.7	3845.7	3933.8	3940.1	3985.0	4078.2	4071.7	4013.0	3946.9	3881.3	3885.8
55°	4014.2	4194.4	4220.6	4179.3	4264.0	4384.9	4296.8	4236.0	4153.3	4091.2	4099.2
52.5°	4324.7	4426.8	4391.3	4350.6	4462.7	4531.6	4477.1	4455.8	4396.8	4377.5	4383.0
50°	4505.8	4574.5	4536.7	4529.7	4638.9	4692.3	4705.7	4734.1	4726.2	4734.0	4743.0
47.5°	4629.7	4701.6	4697.7	4737.7	4895.7	4968.1	5036.0	5092.2	5087.9	5145.3	5243.4
45°	4788.1	4884.1	4913.4	5002.8	5204.1	5266.7	5293.3	5353.0	5450.3	5586.2	5730.7
42.5°	4991.2	5159.3	5205.9	5239.7	5429.0	5505.0	5555.2	5696.2	5894.4	6058.4	6218.2
40°	5219.8	5504.4	5447.2	5517.7	5658.0	5791.0	5880.9	6105.0	6323.3	6497.5	6700.0
37.5°	5361.6	5589.8	5682.3	5846.0	5994.7	6275.1	6447.5	6607.9	6787.4	6944.9	7171.2
35°	5422.2	5749.3	5956.0	6220.3	6575.9	6824.9	6909.9	7082.7	7240.0	7439.2	7724.8
32.5°	5527.0	5911.0	6257.6	6556.9	6822.2	7148.1	7268.2	7456.8	7706.6	7993.1	8334.2
30°	5726.6	6189.4	6589.0	6789.1	7084.3	7368.9	7619.3	7989.9	8340.8	8648.1	8949.9
27.5°	5964.1	6472.9	6882.8	7030.2	7379.8	7751.2	8137.2	8559.1	9060.1	9453.8	10410.6
25°	6218.8	6623.0	7028.5	7265.0	7761.6	8184.1	8679.1	9391.8	10608.4	12136.1	14395.4
22.5°	6304.1	6736.1	7160.1	7579.5	8152.3	8675.1	9609.2	11156.5	13868.5	16774.6	19675.8
20°	6360.1	6858.4	7385.2	7947.8	8579.1	9445.6	11335.6	14360.7	18186.6	23551.6	30755.9
17.5°	6467.8	7051.2	7686.8	8408.6	9131.0	10891.9	13886.4	16998.9	23420.1	37139.3	61980.0
15°	6585.5	7347.2	8111.9	8873.4	10098.8	12577.3	15489.8	19748.9	30139.3	58803.7	129520.5
12.5°	6749.1	7641.0	8544.7	9408.3	10746.2	13716.6	17054.6	23223.4	37752.4	84058.8	212005.2
10°	6909.9	7827.2	8860.9	9791.6	11568.8	14510.7	18500.4	27347.7	44084.4	106588.0	301436.5
7.5°	7163.1	8164.7	9175.9	10035.0	12105.6	15317.2	20578.9	32186.5	58012.6	143551.0	403902.7
5°	7276.0	8299.6	9256.2	10070.8	12424.7	15617.7	21392.3	33521.5	61800.7	159659.6	445670.1
2.5°	7145.3	8104.8	9192.3	9931.6	12064.7	15164.8	20060.1	32013.0	56336.2	137174.4	379547.1
0°	6934.5	7796.8	8897.6	9677.2	11440.6	14466.9	18006.4	27280.9	42905.4	95449.7	259935.4
-2.5°	6781.5	7613.9	8527.5	9401.0	10704.7	13643.1	16613.1	22307.9	32942.5	66557.3	160131.8
-5°	6658.4	7378.9	8113.4	8897.8	9832.8	12379.4	15333.2	18824.5	25788.2	42305.5	75606.4
-7.5°	6558.7	7108.8	7676.3	8332.4	8977.8	10657.2	13558.2	16815.6	21294.2	27087.0	34197.3
-10°	6463.4	6938.9	7416.5	7899.0	8490.9	9338.9	11154.4	14128.4	17746.9	20949.6	23184.6
-12.5°	6392.9	6822.6	7213.2	7560.0	8068.3	8562.0	9525.0	11175.0	13717.8	16656.4	19199.7
-15°	6253.8	6692.6	7059.8	7320.1	7768.1	8194.5	8744.4	9448.8	10490.9	11952.9	13756.4
-17.5°	5998.3	6503.2	6950.5	7051.2	7410.5	7817.9	8220.9	8650.5	9017.6	9443.6	9751.6
-20°	5710.0	6213.7	6622.0	6834.1	7063.3	7422.8	7718.1	8114.1	8403.5	8630.8	8841.4



REPORT NUMBER: P902125 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S3

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5476.7	5890.6	6251.2	6522.0	6858.9	7205.5	7384.4	7565.2	7820.8	8016.8	8332.3
-25°	5293.6	5641.4	5903.3	6187.5	6562.7	6874.1	7016.6	7216.2	7357.6	7485.5	7747.7
-27.5°	5170.5	5482.5	5620.2	5785.9	6011.7	6301.2	6531.5	6754.9	6949.0	7108.5	7260.3
-30°	5064.1	5348.3	5390.2	5476.1	5643.4	5814.9	5987.7	6227.3	6468.9	6662.9	6849.0
-32.5°	4907.7	5161.4	5181.9	5225.1	5458.9	5574.5	5647.4	5795.3	6012.8	6226.7	6410.6
-35°	4700.7	4852.7	4897.6	4933.0	5182.4	5332.8	5427.4	5427.5	5483.2	5661.9	5802.6
-37.5°	4577.3	4646.9	4676.7	4696.8	4828.1	4976.7	5072.0	5148.4	5146.6	5180.9	5259.3
-40°	4464.1	4553.0	4522.2	4520.2	4629.9	4713.6	4758.4	4828.3	4830.9	4838.8	4833.4
-42.5°	4306.6	4432.6	4399.1	4363.8	4474.3	4552.5	4555.5	4557.5	4487.5	4441.4	4471.2
-45°	4064.8	4226.4	4251.0	4224.5	4331.7	4417.5	4355.3	4309.3	4229.0	4161.6	4169.6
-47.5°	3749.7	3941.6	4021.7	4019.5	4069.4	4132.1	4115.0	4082.0	4000.9	3928.1	3926.4
-50°	3391.2	3605.3	3711.2	3746.5	3774.2	3781.3	3770.7	3772.6	3778.7	3724.2	3689.2
-52.5°	3025.3	3217.7	3346.8	3429.7	3459.4	3444.8	3455.3	3504.3	3544.4	3490.4	3449.4
-55°	2694.5	2862.7	2997.1	3089.4	3137.1	3157.8	3209.2	3251.1	3235.9	3173.1	3183.2
-57.5°	2345.1	2493.9	2629.9	2715.8	2807.5	2938.4	3003.4	2953.9	2883.0	2845.8	2890.0
-60°	1961.1	2080.4	2192.2	2308.4	2425.0	2521.9	2598.8	2559.0	2513.1	2498.3	2521.6
-62.5°	1603.6	1712.0	1825.5	1955.0	2070.4	2123.4	2204.9	2176.0	2154.3	2165.4	2187.2
-65°	1320.9	1411.6	1532.0	1660.3	1729.0	1761.6	1813.3	1822.8	1834.5	1857.6	1880.7
-67.5°	1064.4	1141.5	1242.1	1336.5	1387.8	1413.6	1448.3	1484.4	1509.2	1531.8	1557.0
-70°	846.5	906.0	977.5	1040.8	1077.1	1106.1	1135.1	1171.6	1196.2	1208.5	1225.7
-72.5°	665.3	711.5	761.9	809.6	845.3	869.2	890.0	915.8	939.4	957.1	981.2
-75°	512.5	543.8	575.0	608.3	640.2	665.2	682.9	699.5	713.1	727.7	751.0
-77.5°	386.5	406.4	425.0	445.2	465.4	484.3	500.4	516.3	532.0	543.6	557.5
-80°	295.2	306.0	317.5	331.7	344.9	356.4	366.6	378.0	397.7	411.0	418.5
-82.5°	191.0	200.4	208.4	219.6	230.3	237.0	243.7	250.8	259.1	265.6	271.7
-85°	100.6	104.4	109.1	114.0	118.8	122.3	125.8	130.0	133.5	138.6	144.1
-87.5°	39.6	41.3	44.6	47.6	48.9	51.6	52.6	53.8	56.1	57.5	59.0
-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: P902125 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S3

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°	57.1	58.0	58.7	59.7	58.7	58.0	57.1	56.5	55.7	54.8	53.7
85°	177.2	182.5	188.0	193.0	188.0	182.5	177.2	174.1	171.2	168.3	162.7
82.5°	400.8	414.1	429.1	436.9	429.1	414.1	400.8	391.4	385.8	377.1	363.9
80°	716.0	740.5	764.6	777.3	764.6	740.5	716.0	697.0	684.3	668.9	650.1
77.5°	1076.0	1107.6	1146.3	1168.6	1146.3	1107.6	1076.0	1054.4	1031.2	1007.6	978.7
75°	1466.4	1503.2	1553.3	1584.6	1553.3	1503.2	1466.4	1445.6	1428.1	1402.5	1367.1
72.5°	1873.4	1917.1	1980.3	2023.8	1980.3	1917.1	1873.4	1849.9	1843.1	1835.1	1825.4
70°	2319.4	2367.8	2442.3	2497.5	2442.3	2367.8	2319.4	2284.6	2272.7	2269.4	2277.6
67.5°	2714.4	2767.5	2889.5	2994.8	2889.5	2767.5	2714.4	2672.7	2647.8	2669.3	2705.6
65°	3083.7	3162.5	3361.3	3586.9	3361.3	3162.5	3083.7	3050.4	3052.9	3115.1	3132.5
62.5°	3385.5	3499.8	3745.6	4038.4	3745.6	3499.8	3385.5	3371.7	3434.9	3507.0	3477.0
60°	3675.9	3806.8	4021.5	4204.9	4021.5	3806.8	3675.9	3658.2	3696.9	3755.0	3747.3
57.5°	3950.5	4076.4	4235.6	4366.9	4235.6	4076.4	3950.5	3885.8	3881.3	3946.9	4013.0
55°	4175.1	4321.5	4497.6	4609.0	4497.6	4321.5	4175.1	4099.2	4091.2	4153.3	4236.0
52.5°	4435.4	4585.1	4805.0	4931.7	4805.0	4585.1	4435.4	4383.0	4377.5	4396.8	4455.8
50°	4766.1	4917.1	5143.7	5253.4	5143.7	4917.1	4766.1	4743.0	4734.0	4726.2	4734.1
47.5°	5276.2	5405.8	5592.2	5698.9	5592.2	5405.8	5276.2	5243.4	5145.3	5087.9	5092.2
45°	5803.9	5962.9	6123.9	6228.2	6123.9	5962.9	5803.9	5730.7	5586.2	5450.3	5353.0
42.5°	6432.2	6682.8	6773.0	6833.9	6773.0	6682.8	6432.2	6218.2	6058.4	5894.4	5696.2
40°	7011.1	7232.0	7307.7	7370.4	7307.7	7232.0	7011.1	6700.0	6497.5	6323.3	6105.0
37.5°	7456.2	7737.3	7967.2	8085.8	7967.2	7737.3	7456.2	7171.2	6944.9	6787.4	6607.9
35°	8078.2	8503.1	8865.9	9048.8	8865.9	8503.1	8078.2	7724.8	7439.2	7240.0	7082.7
32.5°	8577.6	8874.0	9189.2	9383.7	9189.2	8874.0	8577.6	8334.2	7993.1	7706.6	7456.8
30°	9273.0	9678.8	10075.5	10341.1	10075.5	9678.8	9273.0	8949.9	8648.1	8340.8	7989.9
27.5°	11418.1	12551.6	14001.8	14618.0	14001.8	12551.6	11418.1	10410.6	9453.8	9060.1	8559.1
25°	16848.7	19209.9	21266.4	22126.7	21266.4	19209.9	16848.7	14395.4	12136.1	10608.4	9391.8
22.5°	23263.7	27429.3	30949.9	32408.2	30949.9	27429.3	23263.7	19675.8	16774.6	13868.5	11156.5
20°	42141.9	51631.2	59323.5	61832.0	59323.5	51631.2	42141.9	30755.9	23551.6	18186.6	14360.7
17.5°	96057.7	116609.2	143260.5	151880.9	143260.5	116609.2	96057.7	61980.0	37139.3	23420.1	16998.9
15°	214192.9	264592.3	325259.3	335346.8	325259.3	264592.3	214192.9	129520.5	58803.7	30139.3	19748.9
12.5°	397671.3	560733.7	677483.5	682960.6	677483.5	560733.7	397671.3	212005.2	84058.8	37752.4	23223.4
10°	627289.5	#####	#####	#####	#####	#####	627289.5	301436.5	106588.0	44084.4	27347.7
7.5°	919057.6	#####	#####	#####	#####	#####	919057.6	403902.7	143551.0	58012.6	32186.5
5°	#####	#####	#####	#####	#####	#####	#####	445670.1	159659.6	61800.7	33521.5
2.5°	865247.6	#####	#####	#####	#####	#####	865247.6	379547.1	137174.4	56336.2	32013.0
0°	546779.3	899069.5	#####	#####	#####	899069.5	546779.3	259935.4	95449.7	42905.4	27280.9
-2.5°	293142.3	424627.6	527834.0	541352.1	527834.0	424627.6	293142.3	160131.8	66557.3	32942.5	22307.9
-5°	118192.1	160006.9	193762.2	214371.4	193762.2	160006.9	118192.1	75606.4	42305.5	25788.2	18824.5
-7.5°	45174.9	58921.0	69873.7	80551.1	69873.7	58921.0	45174.9	34197.3	27087.0	21294.2	16815.6
-10°	26290.0	30518.9	34122.9	36189.4	34122.9	30518.9	26290.0	23184.6	20949.6	17746.9	14128.4
-12.5°	20967.2	22697.0	24015.7	24602.3	24015.7	22697.0	20967.2	19199.7	16656.4	13717.8	11175.0
-15°	16288.5	18647.3	20092.8	20850.6	20092.8	18647.3	16288.5	13756.4	11952.9	10490.9	9448.8
-17.5°	11031.0	11884.5	13004.9	13625.8	13004.9	11884.5	11031.0	9751.6	9443.6	9017.6	8650.5
-20°	9194.1	9610.2	9976.2	10195.5	9976.2	9610.2	9194.1	8841.4	8630.8	8403.5	8114.1



REPORT NUMBER: P902125 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	8661.4	8981.2	9295.8	9446.9	9295.8	8981.2	8661.4	8332.3	8016.8	7820.8	7565.2
-25°	8103.8	8522.2	8899.0	9046.9	8899.0	8522.2	8103.8	7747.7	7485.5	7357.6	7216.2
-27.5°	7515.2	7790.1	8054.7	8159.5	8054.7	7790.1	7515.2	7260.3	7108.5	6949.0	6754.9
-30°	7142.1	7416.2	7559.8	7627.1	7559.8	7416.2	7142.1	6849.0	6662.9	6468.9	6227.3
-32.5°	6582.3	6861.6	7051.6	7137.4	7051.6	6861.6	6582.3	6410.6	6226.7	6012.8	5795.3
-35°	5888.6	6015.2	6182.1	6275.5	6182.1	6015.2	5888.6	5802.6	5661.9	5483.2	5427.5
-37.5°	5290.7	5409.4	5607.5	5703.0	5607.5	5409.4	5290.7	5259.3	5180.9	5146.6	5148.4
-40°	4852.6	4978.0	5197.5	5308.0	5197.5	4978.0	4852.6	4833.4	4838.8	4830.9	4828.3
-42.5°	4542.3	4672.3	4896.3	5026.8	4896.3	4672.3	4542.3	4471.2	4441.4	4487.5	4557.5
-45°	4259.8	4415.4	4606.9	4726.4	4606.9	4415.4	4259.8	4169.6	4161.6	4229.0	4309.3
-47.5°	4002.5	4160.4	4356.0	4498.4	4356.0	4160.4	4002.5	3926.4	3928.1	4000.9	4082.0
-50°	3727.9	3880.7	4152.6	4386.9	4152.6	3880.7	3727.9	3689.2	3724.2	3778.7	3772.6
-52.5°	3483.2	3613.5	3970.0	4389.6	3970.0	3613.5	3483.2	3449.4	3490.4	3544.4	3504.3
-55°	3241.2	3332.6	3645.0	4038.3	3645.0	3332.6	3241.2	3183.2	3173.1	3235.9	3251.1
-57.5°	2974.3	3046.6	3240.2	3448.1	3240.2	3046.6	2974.3	2890.0	2845.8	2883.0	2953.9
-60°	2593.1	2695.6	2834.2	2921.6	2834.2	2695.6	2593.1	2521.6	2498.3	2513.1	2559.0
-62.5°	2235.9	2313.0	2422.2	2490.6	2422.2	2313.0	2235.9	2187.2	2165.4	2154.3	2176.0
-65°	1921.8	1987.4	2068.2	2112.4	2068.2	1987.4	1921.8	1880.7	1857.6	1834.5	1822.8
-67.5°	1592.5	1643.8	1701.2	1731.6	1701.2	1643.8	1592.5	1557.0	1531.8	1509.2	1484.4
-70°	1255.0	1293.4	1333.7	1354.3	1333.7	1293.4	1255.0	1225.7	1208.5	1196.2	1171.6
-72.5°	1012.7	1041.9	1070.6	1088.5	1070.6	1041.9	1012.7	981.2	957.1	939.4	915.8
-75°	776.9	796.3	811.9	822.7	811.9	796.3	776.9	751.0	727.7	713.1	699.5
-77.5°	566.7	575.1	585.4	592.5	585.4	575.1	566.7	557.5	543.6	532.0	516.3
-80°	419.0	420.0	425.3	429.6	425.3	420.0	419.0	418.5	411.0	397.7	378.0
-82.5°	270.4	270.5	275.3	280.4	275.3	270.5	270.4	271.7	265.6	259.1	250.8
-85°	144.7	144.9	148.1	149.3	148.1	144.9	144.7	144.1	138.6	133.5	130.0
-87.5°	60.8	61.2	61.8	61.9	61.8	61.2	60.8	59.0	57.5	56.1	53.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P902125 (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°	52.5	49.2	47.4	45.5	43.7	40.1	38.0	36.1	34.9	35.2	33.8
85°	157.3	150.2	142.1	133.6	126.8	118.6	107.5	102.6	98.2	96.5	92.8
82.5°	349.2	332.8	315.6	298.5	281.6	255.3	232.0	217.2	207.3	200.6	190.0
80°	623.2	592.5	564.3	541.4	503.9	449.0	408.1	382.9	362.5	344.9	324.9
77.5°	945.1	906.5	878.6	849.2	775.1	689.4	626.9	584.6	551.2	516.9	488.6
75°	1327.5	1291.7	1268.5	1204.2	1091.7	991.2	912.1	845.2	783.1	726.5	682.6
72.5°	1816.1	1780.5	1714.6	1589.7	1454.8	1353.9	1267.4	1161.2	1054.2	975.4	916.1
70°	2306.3	2275.6	2154.3	1995.1	1865.1	1768.2	1656.8	1497.1	1348.7	1245.6	1170.8
67.5°	2713.1	2653.6	2539.7	2416.8	2306.0	2194.2	2046.4	1841.3	1652.3	1518.2	1426.7
65°	3061.2	2997.1	2964.5	2910.1	2758.4	2607.6	2423.7	2202.0	1969.7	1794.4	1681.8
62.5°	3388.4	3356.2	3350.0	3300.1	3177.8	3024.5	2804.7	2560.6	2305.3	2087.9	1943.1
60°	3745.3	3720.6	3676.9	3633.9	3570.7	3445.0	3216.3	2943.7	2652.9	2403.8	2219.1
57.5°	4071.7	4078.2	3985.0	3940.1	3933.8	3845.7	3619.7	3355.7	3008.5	2729.0	2511.3
55°	4296.8	4384.9	4264.0	4179.3	4220.6	4194.4	4014.2	3747.8	3376.7	3061.1	2811.4
52.5°	4477.1	4531.6	4462.7	4350.6	4391.3	4426.8	4324.7	4088.0	3712.8	3379.7	3115.5
50°	4705.7	4692.3	4638.9	4529.7	4536.7	4574.5	4505.8	4350.9	3980.3	3673.2	3412.9
47.5°	5036.0	4968.1	4895.7	4737.7	4697.7	4701.6	4629.7	4473.1	4201.7	3954.7	3643.6
45°	5293.3	5266.7	5204.1	5002.8	4913.4	4884.1	4788.1	4635.4	4370.2	4157.3	3847.1
42.5°	5555.2	5505.0	5429.0	5239.7	5205.9	5159.3	4991.2	4786.5	4538.4	4313.6	4036.0
40°	5880.9	5791.0	5658.0	5517.7	5447.2	5504.4	5219.8	4947.6	4654.1	4436.3	4186.9
37.5°	6447.5	6275.1	5994.7	5846.0	5682.3	5589.8	5361.6	5020.8	4659.2	4436.8	4274.8
35°	6909.9	6824.9	6575.9	6220.3	5956.0	5749.3	5422.2	5058.9	4652.2	4401.4	4289.0
32.5°	7268.2	7148.1	6822.2	6556.9	6257.6	5911.0	5527.0	5140.3	4665.9	4402.9	4316.0
30°	7619.3	7368.9	7084.3	6789.1	6589.0	6189.4	5726.6	5293.9	4833.1	4435.2	4336.7
27.5°	8137.2	7751.2	7379.8	7030.2	6882.8	6472.9	5964.1	5471.5	4978.1	4538.5	4388.3
25°	8679.1	8184.1	7761.6	7265.0	7028.5	6623.0	6218.8	5732.5	5190.8	4657.0	4442.9
22.5°	9609.2	8675.1	8152.3	7579.5	7160.1	6736.1	6304.1	5941.0	5435.6	4864.1	4546.8
20°	11335.6	9445.6	8579.1	7947.8	7385.2	6858.4	6360.1	6070.9	5611.9	5036.8	4646.3
17.5°	13886.4	10891.9	9131.0	8408.6	7686.8	7051.2	6467.8	6127.2	5735.1	5228.8	4771.4
15°	15489.8	12577.3	10098.8	8873.4	8111.9	7347.2	6585.5	6207.0	5873.1	5401.1	4931.0
12.5°	17054.6	13716.6	10746.2	9408.3	8544.7	7641.0	6749.1	6283.1	6043.2	5523.3	5067.4
10°	18500.4	14510.7	11568.8	9791.6	8860.9	7827.2	6909.9	6377.3	6158.3	5635.3	5158.2
7.5°	20578.9	15317.2	12105.6	10035.0	9175.9	8164.7	7163.1	6445.0	6279.5	5749.9	5291.6
5°	21392.3	15617.7	12424.7	10070.8	9256.2	8299.6	7276.0	6489.3	6340.7	5818.3	5398.0
2.5°	20060.1	15164.8	12064.7	9931.6	9192.3	8104.8	7145.3	6472.7	6337.8	5751.2	5309.3
0°	18006.4	14466.9	11440.6	9677.2	8897.6	7796.8	6934.5	6392.9	6260.0	5633.9	5160.6
-2.5°	16613.1	13643.1	10704.7	9401.0	8527.5	7613.9	6781.5	6337.9	6116.5	5538.1	5052.5
-5°	15333.2	12379.4	9832.8	8897.8	8113.4	7378.9	6658.4	6307.1	5907.2	5395.5	4902.9
-7.5°	13558.2	10657.2	8977.8	8332.4	7676.3	7108.8	6558.7	6214.0	5750.8	5193.1	4729.7
-10°	11154.4	9338.9	8490.9	7899.0	7416.5	6938.9	6463.4	6103.1	5617.4	4978.5	4604.0
-12.5°	9525.0	8562.0	8068.3	7560.0	7213.2	6822.6	6392.9	5998.6	5397.8	4760.0	4515.4
-15°	8744.4	8194.5	7768.1	7320.1	7059.8	6692.6	6253.8	5747.7	5160.6	4632.2	4432.4
-17.5°	8220.9	7817.9	7410.5	7051.2	6950.5	6503.2	5998.3	5469.2	4937.5	4511.8	4346.9
-20°	7718.1	7422.8	7063.3	6834.1	6622.0	6213.7	5710.0	5252.3	4746.4	4402.3	4277.1



REPORT NUMBER: P902125 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S3

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7384.4	7205.5	6858.9	6522.0	6251.2	5890.6	5476.7	5079.6	4669.9	4349.8	4241.5
-25°	7016.6	6874.1	6562.7	6187.5	5903.3	5641.4	5293.6	4962.4	4557.5	4295.7	4197.1
-27.5°	6531.5	6301.2	6011.7	5785.9	5620.2	5482.5	5170.5	4841.0	4496.9	4249.2	4072.7
-30°	5987.7	5814.9	5643.4	5476.1	5390.2	5348.3	5064.1	4758.3	4454.9	4222.9	4004.8
-32.5°	5647.4	5574.5	5458.9	5225.1	5181.9	5161.4	4907.7	4683.4	4384.5	4182.4	3912.1
-35°	5427.4	5332.8	5182.4	4933.0	4897.6	4852.7	4700.7	4552.3	4298.8	4083.8	3806.4
-37.5°	5072.0	4976.7	4828.1	4696.8	4676.7	4646.9	4577.3	4430.9	4165.5	3924.0	3653.5
-40°	4758.4	4713.6	4629.9	4520.2	4522.2	4553.0	4464.1	4304.9	3986.6	3696.1	3454.1
-42.5°	4555.5	4552.5	4474.3	4363.8	4399.1	4432.6	4306.6	4107.0	3778.4	3466.4	3207.8
-45°	4355.3	4417.5	4331.7	4224.5	4251.0	4226.4	4064.8	3845.9	3506.0	3200.4	2952.1
-47.5°	4115.0	4132.1	4069.4	4019.5	4021.7	3941.6	3749.7	3500.9	3189.6	2909.9	2704.6
-50°	3770.7	3781.3	3774.2	3746.5	3711.2	3605.3	3391.2	3141.5	2852.5	2614.3	2439.4
-52.5°	3455.3	3444.8	3459.4	3429.7	3346.8	3217.7	3025.3	2799.0	2547.8	2345.3	2190.1
-55°	3209.2	3157.8	3137.1	3089.4	2997.1	2862.7	2694.5	2485.6	2262.4	2084.6	1950.9
-57.5°	3003.4	2938.4	2807.5	2715.8	2629.9	2493.9	2345.1	2156.5	1957.4	1815.1	1707.6
-60°	2598.8	2521.9	2425.0	2308.4	2192.2	2080.4	1961.1	1805.2	1641.9	1534.4	1444.1
-62.5°	2204.9	2123.4	2070.4	1955.0	1825.5	1712.0	1603.6	1486.1	1371.4	1275.0	1215.4
-65°	1813.3	1761.6	1729.0	1660.3	1532.0	1411.6	1320.9	1236.9	1145.4	1073.2	1022.4
-67.5°	1448.3	1413.6	1387.8	1336.5	1242.1	1141.5	1064.4	998.0	936.3	881.8	841.7
-70°	1135.1	1106.1	1077.1	1040.8	977.5	906.0	846.5	793.3	749.6	715.0	682.0
-72.5°	890.0	869.2	845.3	809.6	761.9	711.5	665.3	624.7	593.6	572.3	548.3
-75°	682.9	665.2	640.2	608.3	575.0	543.8	512.5	486.9	462.6	444.2	424.1
-77.5°	500.4	484.3	465.4	445.2	425.0	406.4	386.5	368.6	350.9	339.3	328.0
-80°	366.6	356.4	344.9	331.7	317.5	306.0	295.2	282.8	266.5	254.9	244.2
-82.5°	243.7	237.0	230.3	219.6	208.4	200.4	191.0	181.4	173.0	167.1	161.9
-85°	125.8	122.3	118.8	114.0	109.1	104.4	100.6	95.6	93.2	90.2	88.1
-87.5°	52.6	51.6	48.9	47.6	44.6	41.3	39.6	37.9	36.6	33.5	32.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P902125 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S3

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°	32.3	30.7	30.5	28.8	28.1	26.2	24.2	23.1	20.9	19.4	16.4
85°	89.7	85.7	80.9	74.8	69.9	62.3	54.8	48.2	41.8	38.8	32.8
82.5°	180.8	169.2	154.5	139.2	125.2	113.4	102.8	91.1	76.7	66.3	53.3
80°	306.3	282.1	253.6	230.1	210.4	188.5	165.2	138.3	112.9	97.8	81.7
77.5°	460.7	422.5	385.9	347.4	311.8	274.9	240.2	205.1	168.4	135.4	109.9
75°	636.2	591.1	539.1	482.7	428.6	385.9	335.2	277.7	228.1	187.3	148.1
72.5°	859.0	795.4	717.5	636.9	575.7	510.1	434.8	366.5	299.9	238.4	191.6
70°	1095.6	1016.8	923.6	820.9	731.1	644.7	552.6	458.3	377.0	303.0	234.1
67.5°	1338.2	1242.5	1135.0	1006.7	894.3	789.5	668.4	557.6	457.2	367.9	287.5
65°	1584.3	1470.2	1343.6	1193.9	1059.4	932.7	785.3	654.6	540.4	433.8	341.4
62.5°	1830.7	1697.4	1544.7	1376.9	1216.6	1064.1	897.8	750.5	622.1	501.9	394.0
60°	2076.2	1922.0	1740.4	1548.0	1367.9	1191.6	1009.8	846.0	706.3	567.0	451.9
57.5°	2341.9	2144.8	1930.5	1705.4	1514.8	1318.6	1117.9	942.3	788.4	639.9	508.8
55°	2591.1	2342.2	2095.3	1847.3	1658.0	1445.0	1222.2	1033.7	868.7	712.0	564.7
52.5°	2819.8	2515.9	2231.2	1992.4	1792.0	1564.0	1319.7	1121.6	945.2	780.8	623.9
50°	3039.3	2679.1	2376.3	2121.8	1921.8	1669.9	1415.8	1203.9	1018.0	844.5	680.5
47.5°	3241.1	2854.6	2528.0	2253.8	2039.5	1764.7	1501.9	1283.4	1087.9	904.4	733.9
45°	3429.2	3040.7	2694.1	2387.8	2145.3	1860.7	1580.6	1359.4	1154.9	962.8	784.5
42.5°	3632.8	3236.6	2871.4	2537.2	2259.1	1958.2	1662.7	1432.5	1221.3	1021.4	835.0
40°	3850.4	3463.9	3056.1	2685.5	2382.6	2057.4	1760.5	1511.2	1286.8	1076.6	883.0
37.5°	4012.7	3650.1	3238.1	2846.0	2501.6	2161.4	1851.2	1584.7	1348.4	1128.2	928.2
35°	4120.0	3791.9	3399.7	2980.1	2615.7	2252.4	1934.4	1655.4	1406.7	1178.6	970.9
32.5°	4197.3	3913.8	3530.4	3120.7	2716.3	2337.6	2010.9	1723.6	1462.6	1226.4	1009.9
30°	4275.2	4039.3	3676.8	3257.4	2815.2	2420.2	2081.2	1785.7	1516.2	1270.3	1046.2
27.5°	4331.2	4139.4	3807.7	3387.7	2923.3	2500.4	2151.2	1843.1	1565.1	1312.4	1080.3
25°	4394.3	4239.9	3932.4	3501.4	3025.8	2584.5	2218.7	1901.1	1612.5	1353.6	1112.1
22.5°	4442.4	4330.2	4047.1	3607.8	3107.3	2654.4	2278.7	1952.0	1662.4	1394.6	1145.3
20°	4484.3	4406.4	4140.9	3711.8	3184.3	2715.3	2329.1	1999.4	1706.2	1432.8	1177.0
17.5°	4560.6	4493.7	4233.0	3810.2	3280.5	2776.3	2372.2	2039.0	1743.1	1467.4	1205.4
15°	4663.5	4563.8	4331.7	3907.1	3366.0	2822.4	2408.8	2069.4	1772.6	1497.3	1230.6
12.5°	4757.2	4621.6	4411.6	4003.1	3438.9	2856.0	2436.4	2092.3	1795.8	1521.7	1252.1
10°	4860.1	4693.3	4497.1	4091.5	3504.0	2874.8	2455.3	2108.4	1809.9	1540.8	1270.0
7.5°	4993.3	4770.6	4615.3	4192.4	3550.9	2882.3	2467.4	2118.5	1818.2	1555.2	1282.1
5°	5087.4	4806.3	4662.0	4211.2	3547.4	2880.8	2470.8	2121.4	1820.0	1555.9	1280.8
2.5°	5018.3	4772.0	4617.5	4150.8	3497.8	2854.5	2456.0	2113.9	1814.8	1549.3	1275.7
0°	4844.3	4672.7	4469.3	4001.0	3405.8	2812.4	2431.9	2099.7	1804.4	1538.2	1266.9
-2.5°	4725.1	4585.5	4368.0	3917.7	3358.5	2791.7	2411.2	2081.7	1785.4	1515.5	1247.9
-5°	4619.7	4501.0	4271.0	3837.7	3306.1	2764.0	2383.5	2057.3	1761.0	1488.5	1225.4
-7.5°	4513.9	4419.6	4179.3	3759.7	3253.3	2734.5	2356.4	2029.4	1732.0	1458.9	1199.7
-10°	4439.0	4347.5	4090.5	3672.6	3184.6	2695.8	2321.4	1994.9	1697.9	1430.3	1176.0
-12.5°	4386.4	4277.3	3992.1	3578.2	3105.8	2648.2	2279.9	1955.0	1659.3	1397.9	1150.3
-15°	4338.8	4186.4	3890.8	3475.4	3019.4	2585.1	2228.5	1909.1	1622.1	1363.0	1121.5
-17.5°	4290.9	4095.2	3772.8	3368.4	2919.7	2509.1	2165.3	1857.7	1579.6	1326.1	1090.8
-20°	4206.9	3982.6	3640.5	3239.2	2808.8	2424.7	2097.3	1799.6	1530.4	1285.5	1058.0



REPORT NUMBER: P902125 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S3

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	4127.2	3859.5	3495.8	3092.6	2690.9	2338.5	2020.0	1734.4	1475.5	1241.0	1022.2
-25°	4013.0	3704.2	3328.2	2935.0	2578.8	2245.5	1934.2	1660.7	1416.2	1193.0	984.2
-27.5°	3845.3	3526.0	3151.2	2773.5	2464.8	2142.7	1846.3	1581.7	1358.1	1144.2	943.7
-30°	3705.7	3360.7	2994.3	2634.1	2357.1	2052.9	1760.0	1515.7	1300.8	1095.0	901.2
-32.5°	3571.0	3207.6	2851.0	2522.7	2254.1	1964.4	1684.2	1450.6	1241.5	1046.2	856.7
-35°	3431.0	3055.1	2706.9	2405.4	2160.3	1883.5	1608.7	1382.8	1185.8	995.2	811.5
-37.5°	3278.6	2903.7	2581.4	2303.8	2066.0	1808.9	1537.7	1323.4	1128.6	942.4	766.5
-40°	3106.8	2761.6	2462.2	2194.6	1973.2	1727.1	1475.3	1259.9	1068.5	889.0	719.6
-42.5°	2919.3	2638.1	2347.6	2087.4	1871.4	1640.4	1401.5	1190.0	1004.7	831.9	669.6
-45°	2746.1	2496.7	2230.9	1977.9	1761.9	1547.5	1313.6	1112.1	936.0	771.2	617.0
-47.5°	2529.6	2321.0	2096.6	1851.8	1637.4	1434.2	1213.6	1027.6	864.5	709.4	565.2
-50°	2302.6	2122.2	1930.4	1711.2	1503.1	1311.0	1115.8	940.2	790.2	647.8	515.2
-52.5°	2069.1	1922.6	1748.8	1559.6	1377.5	1196.3	1018.1	859.8	720.6	585.5	465.3
-55°	1848.0	1726.2	1574.7	1406.0	1253.2	1090.4	927.4	778.7	652.2	531.8	416.6
-57.5°	1612.1	1517.4	1377.0	1236.3	1104.0	972.0	834.1	700.7	583.3	477.1	374.9
-60°	1359.3	1280.7	1168.7	1061.6	952.4	847.4	735.9	618.2	514.9	422.0	331.6
-62.5°	1148.9	1076.7	992.3	899.6	807.8	725.1	631.2	534.7	442.6	366.0	286.6
-65°	967.3	903.4	835.9	751.7	679.6	608.6	532.8	449.5	377.4	309.1	249.7
-67.5°	800.5	748.0	691.0	626.8	562.6	504.4	438.1	377.2	314.0	260.7	212.2
-70°	649.3	607.4	557.5	512.8	459.1	407.0	366.6	311.5	259.6	218.0	175.5
-72.5°	516.1	487.1	456.6	412.7	371.1	336.6	300.6	256.8	213.3	176.2	146.2
-75°	399.9	385.1	365.3	330.4	294.6	270.1	243.3	205.8	169.7	142.5	116.6
-77.5°	313.8	300.3	283.1	257.0	231.1	209.3	186.8	158.9	131.1	108.3	89.8
-80°	232.6	222.5	208.8	189.9	169.6	152.9	134.6	112.7	93.7	79.9	67.9
-82.5°	154.2	147.2	137.3	124.4	110.2	99.4	87.4	74.7	62.9	53.8	45.7
-85°	83.5	79.8	74.4	67.6	60.1	53.1	45.7	38.4	33.1	31.1	28.7
-87.5°	29.2	27.8	26.3	24.8	23.2	21.6	20.0	18.3	16.6	15.6	14.4
-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: P902125 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S3

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°	14.7	12.3	9.9	7.1	4.6	2.2	0.0
85°	29.4	24.6	19.7	14.2	9.1	4.4	0.0
82.5°	44.0	36.8	29.5	21.3	13.6	6.5	0.0
80°	67.0	51.2	39.2	28.3	18.1	8.7	0.0
77.5°	90.7	70.9	50.8	35.3	22.6	10.8	0.0
75°	114.2	90.3	65.6	42.1	27.0	13.0	0.0
72.5°	147.0	109.4	80.3	52.0	31.3	15.1	0.0
70°	182.6	133.1	94.6	62.4	35.6	17.1	0.0
67.5°	217.5	161.8	108.7	72.6	39.8	19.2	0.0
65°	257.2	190.0	126.8	82.5	45.1	21.2	0.0
62.5°	302.0	217.7	148.0	92.1	51.1	23.1	0.0
60°	345.5	248.6	168.5	101.3	57.0	25.1	0.0
57.5°	387.7	283.4	188.1	110.6	62.7	26.9	0.0
55°	435.8	317.2	206.7	124.2	68.2	28.7	0.0
52.5°	482.0	349.8	225.8	137.2	73.5	30.5	0.0
50°	526.2	379.7	249.6	149.7	78.6	32.2	0.0
47.5°	568.9	413.5	272.3	161.6	83.4	33.9	0.0
45°	613.2	446.0	293.9	172.8	88.0	35.4	0.0
42.5°	656.1	477.1	314.2	183.5	92.4	37.0	0.0
40°	696.6	506.9	333.3	193.6	96.4	38.4	0.0
37.5°	733.5	535.2	351.0	203.1	100.2	39.8	0.0
35°	767.5	562.7	370.2	214.8	105.6	41.5	0.0
32.5°	799.0	588.8	389.1	226.8	111.1	43.3	0.0
30°	828.2	613.4	406.5	237.8	116.3	44.9	0.0
27.5°	857.2	636.4	423.4	248.0	121.1	46.4	0.0
25°	884.9	657.6	438.9	257.3	125.4	47.8	0.0
22.5°	910.7	677.6	453.0	265.6	129.3	49.0	0.0
20°	934.6	696.8	465.4	272.9	132.7	50.2	0.0
17.5°	957.0	713.9	476.2	279.0	135.6	51.1	0.0
15°	977.2	728.9	485.5	283.9	138.0	52.0	0.0
12.5°	994.6	741.8	492.0	287.8	140.0	52.7	0.0
10°	1009.1	750.0	496.3	290.6	141.5	53.3	0.0
7.5°	1014.6	753.8	499.0	292.4	142.5	53.7	0.0
5°	1014.7	755.1	500.0	293.2	143.1	54.0	0.0
2.5°	1011.8	753.8	499.3	292.9	143.2	54.2	0.0
0°	1005.8	750.0	496.9	291.7	142.9	54.2	0.0
-2.5°	992.1	740.7	491.6	289.1	142.1	54.1	0.0
-5°	975.5	729.0	484.7	285.6	140.9	53.9	0.0
-7.5°	956.1	715.0	476.3	281.1	139.3	53.5	0.0
-10°	935.3	698.8	466.3	275.8	137.2	53.0	0.0
-12.5°	915.2	681.9	455.0	269.6	134.7	52.4	0.0
-15°	892.6	664.7	442.6	262.6	131.9	51.6	0.0
-17.5°	867.7	645.6	429.9	254.9	128.7	50.7	0.0
-20°	840.4	624.5	415.8	246.5	125.0	49.7	0.0



REPORT NUMBER: P902125 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S3

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	811.0	601.5	400.4	237.8	121.1	48.6	0.0
-25°	779.4	576.5	383.7	228.5	116.8	47.4	0.0
-27.5°	745.5	549.9	365.8	218.4	112.1	46.0	0.0
-30°	710.0	522.0	346.8	207.8	107.2	44.6	0.0
-32.5°	674.3	492.9	327.7	196.5	102.0	43.0	0.0
-35°	637.4	462.7	307.8	184.6	96.6	41.4	0.0
-37.5°	599.5	433.0	288.4	173.3	91.5	39.8	0.0
-40°	560.5	405.5	271.8	164.1	87.8	38.4	0.0
-42.5°	519.0	377.0	254.4	154.7	83.9	37.0	0.0
-45°	475.5	347.6	236.4	145.3	79.9	35.4	0.0
-47.5°	430.8	317.4	217.7	135.5	75.8	33.9	0.0
-50°	393.7	286.4	198.4	125.3	71.4	32.2	0.0
-52.5°	358.5	262.0	178.6	114.8	67.0	30.5	0.0
-55°	323.7	238.0	163.2	104.0	62.4	28.7	0.0
-57.5°	288.9	213.2	148.5	92.9	57.7	26.9	0.0
-60°	257.8	187.8	133.4	85.4	52.9	25.1	0.0
-62.5°	226.1	165.6	118.1	78.0	48.0	23.1	0.0
-65°	193.8	145.9	102.4	70.4	42.9	21.2	0.0
-67.5°	165.2	125.6	89.0	62.7	38.3	19.2	0.0
-70°	139.8	104.8	78.1	54.7	34.2	17.1	0.0
-72.5°	114.1	87.4	67.0	46.6	30.1	15.1	0.0
-75°	90.2	73.2	55.7	38.8	25.9	13.0	0.0
-77.5°	72.5	58.8	44.3	32.5	21.7	10.8	0.0
-80°	54.6	44.3	34.6	26.0	17.4	8.7	0.0
-82.5°	37.1	32.5	26.0	19.6	13.1	6.5	0.0
-85°	24.7	21.7	17.4	13.1	8.7	4.4	0.0
-87.5°	12.4	10.8	8.7	6.5	4.4	2.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)