

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: P902127 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-AV-03-1360S-57-85-S4**

Issue Date: 11/14/2024

Test Information

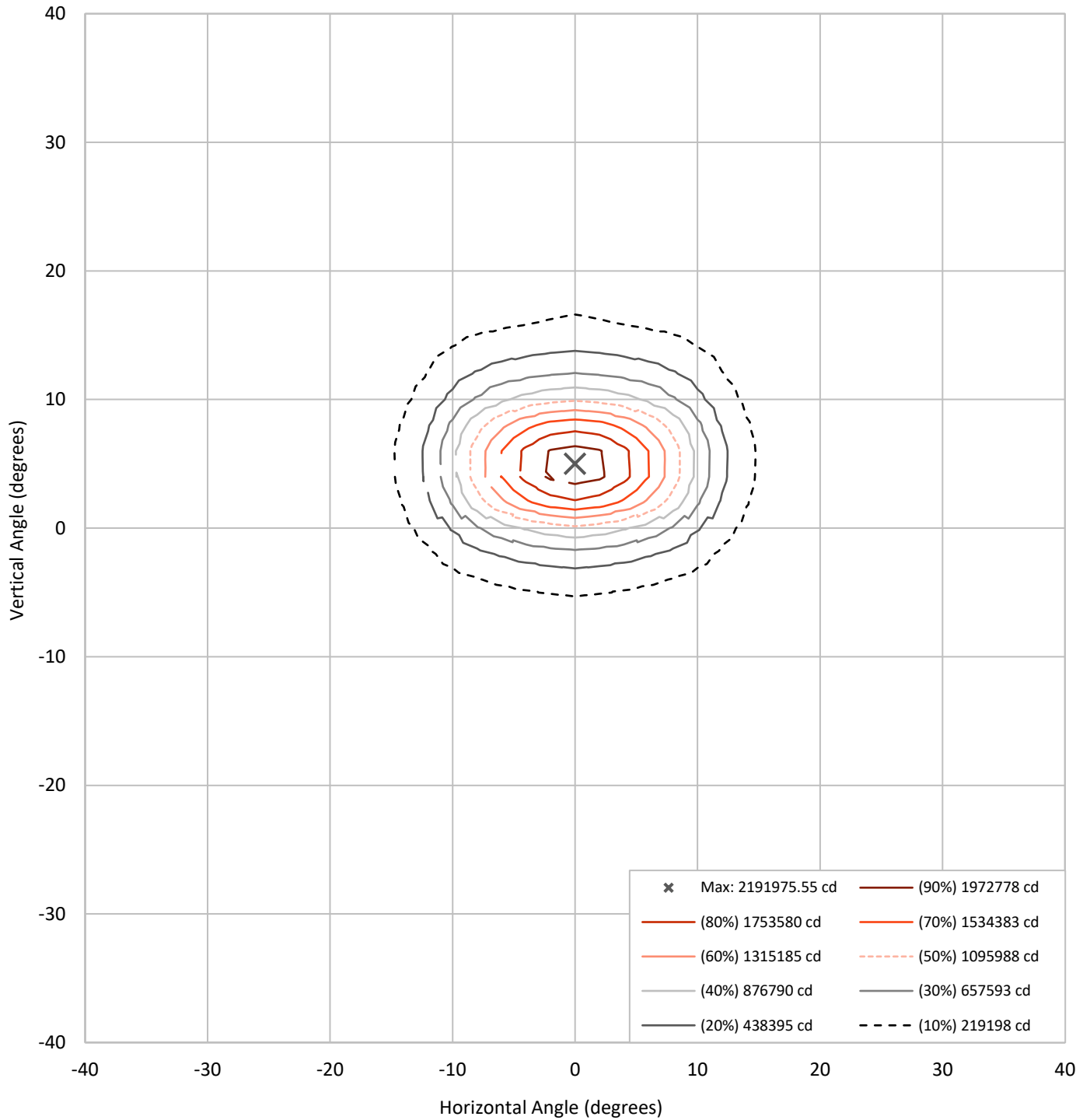
Test Method: LM-79-08
Report Number: P902127 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (LVA2005043)
Test Lab: INNOVATION CENTER
Issue Date: 11/14/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-AV-03-1360S-57-85-S4
Description: ARENAVISION LUMINAIRE
5700K, 85 CRI LEDS AND S4 OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 2V
Luminaire Lumens:	166448.5 lumens	Max Intensity:	2191975.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 5°V
Efficacy:	117.8 lumens/watt		
Luminous Opening:	Rectangular (W 2m x L: 2m x H: 0m)		
Beam Angle (50%):	17.8°H x 9.7°V	Field Angle (10%):	29.2°H x 21.5°V
Beam Lumens:	60668 lumens	Field Lumens:	125379 lumens
Beam Efficiency:	36.4%	Field Efficiency:	75.3%
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



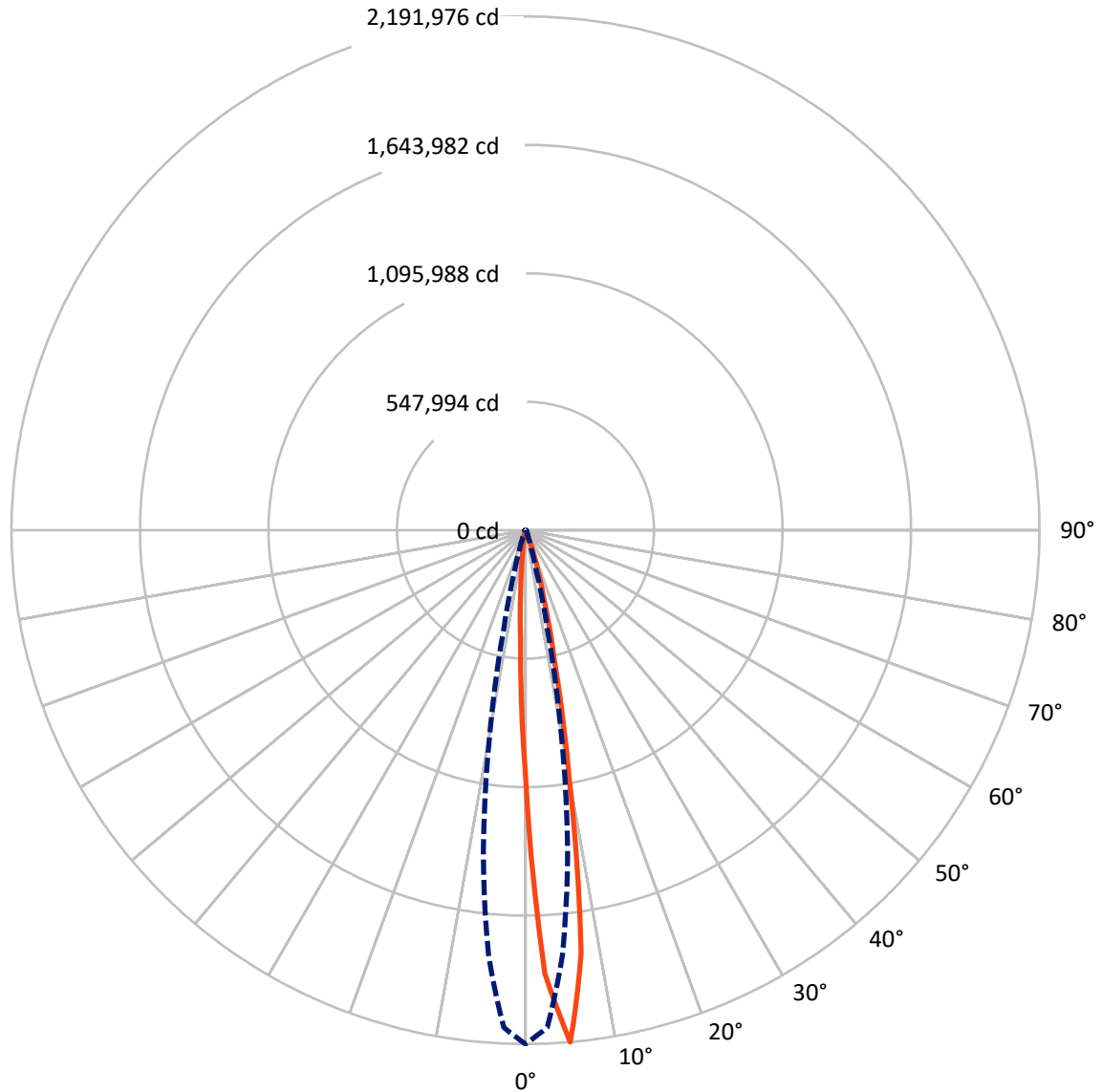
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Lumen Table

90																			
80	1.5	17.2		50.4		93.5		124.7		93.5		50.4		17.2		1.5			
70	7.2	10.3	26.0	43.3	60.6	87.1	103.3	109.5	109.5	103.3	87.1	60.6	43.3	26.0	10.3	7.2			
60		17.0	39.3	65.1	102.8	134.9	138.8	148.9	148.9	138.8	134.9	102.8	65.1	39.3	17.0				
50	14.5	23.3	48.2	82.8	135.3	157.6	174.9	197.2	197.2	174.9	157.6	135.3	82.8	48.2	23.3	14.5			
40		28.9	55.9	104.8	153.5	197.2	230.9	264.6	264.6	230.9	197.2	153.5	104.8	55.9	28.9				
30	20.4	32.7	64.9	124.0	172.5	246.9	389.8	712.8	712.8	389.8	246.9	172.5	124.0	64.9	32.7	20.4			
20		35.9	73.4	136.7	203.1	392.6	2432.5	9807.9	9807.9	2432.5	392.6	203.1	136.7	73.4	35.9				
10	22.2	37.6	78.5	147.2	240.7	551.2	7105.6	41219.4	41219.4	7105.6	551.2	240.7	147.2	78.5	37.6	22.2			
0		36.0	73.2	136.1	206.4	386.6	1946.2	7948.5	7948.5	1946.2	386.6	206.4	136.1	73.2	36.0				
-10	18.3	32.8	64.7	121.2	174.8	249.3	378.9	570.5	570.5	378.9	249.3	174.8	121.2	64.7	32.8	18.3			
-20		29.2	55.9	102.9	151.8	199.4	235.4	269.8	269.8	235.4	199.4	151.8	102.9	55.9	29.2				
-30	11.8	24.0	48.6	83.8	134.1	157.5	176.5	201.8	201.8	176.5	157.5	134.1	83.8	48.6	24.0	11.8			
-40		18.4	41.5	69.4	106.8	136.6	140.8	153.0	153.0	140.8	136.6	106.8	69.4	41.5	18.4				
-50	5.5	12.4	30.5	49.9	69.2	94.4	107.6	118.5	118.5	107.6	94.4	69.2	49.9	30.5	12.4	5.5			
-60		7.0	16.8	27.7	37.9	48.7	62.4	70.4	70.4	62.4	48.7	37.9	27.7	16.8	7.0				
-70	1.3	12.3		33.9		53.6		68.8		53.6		33.9		12.3		1.3			
-80		12.3		33.9		53.6		68.8		53.6		33.9		12.3					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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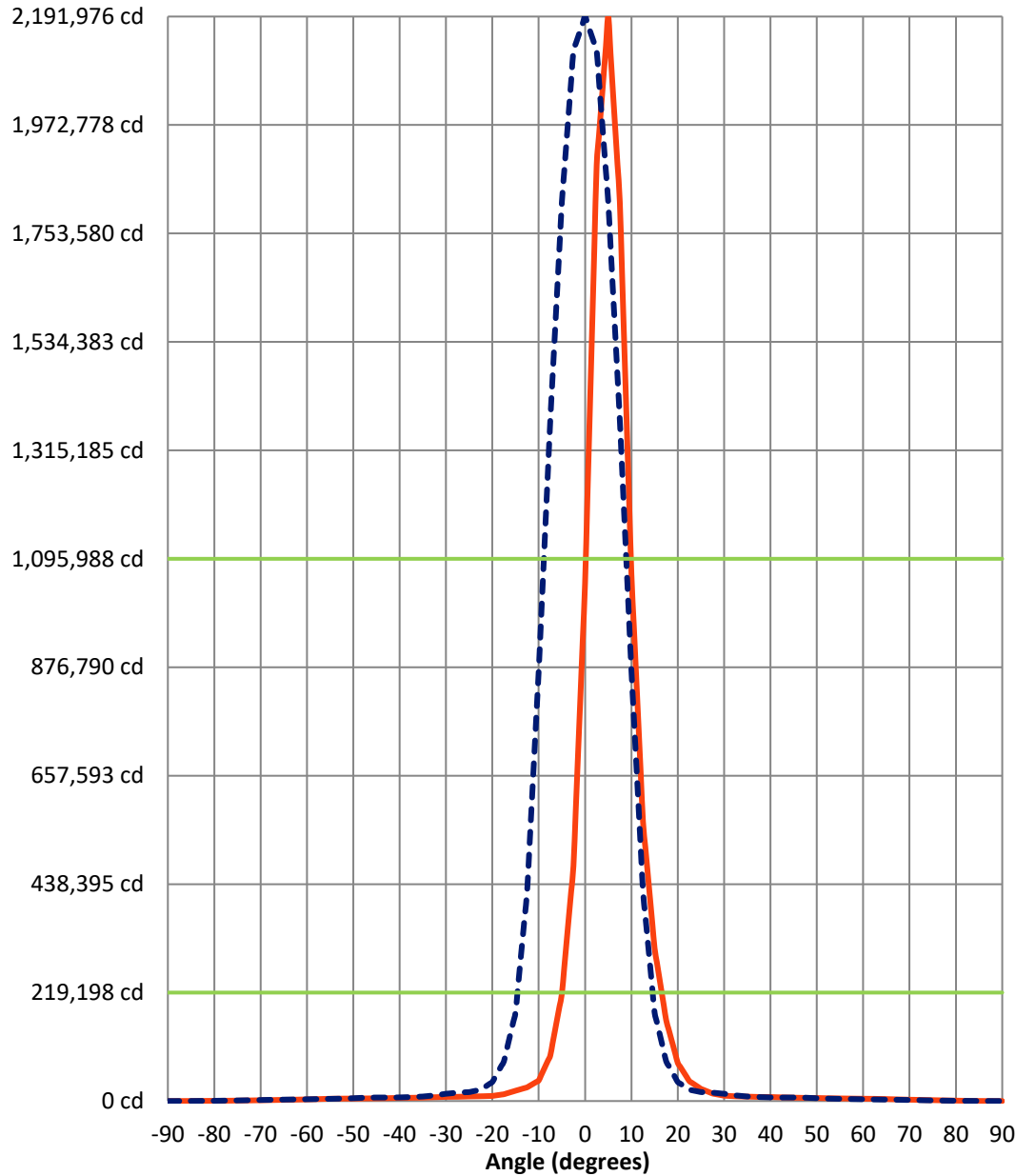
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 17.8°
 V Angle: 9.7°
 Lumens: 60668
 Efficiency: 36.4%

Field:
 H Angle: 29.2°
 V Angle: 21.5°
 Lumens: 125379
 Efficiency: 75.3%

Spill:
 Lumens: 41069.5
 Efficiency: 24.7%

- 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	2.5	5.0	7.4	10.3	13.3	15.9	18.5	20.2	21.8	24.0
85°	0.0	5.0	9.9	14.8	20.5	26.5	31.7	36.9	40.4	43.5	50.1
82.5°	0.0	7.4	14.8	22.2	30.7	39.7	47.5	59.3	70.3	81.7	94.1
80°	0.0	9.9	19.7	29.5	40.8	55.3	72.7	89.8	105.0	121.3	144.0
77.5°	0.0	12.3	24.6	36.8	53.1	76.8	98.8	120.1	147.1	182.1	217.6
75°	0.0	14.7	29.4	44.0	69.4	98.1	124.6	163.2	206.7	248.1	299.4
72.5°	0.0	17.1	34.2	54.5	85.4	119.0	161.4	213.0	265.5	331.4	404.0
70°	0.0	19.4	38.9	65.7	101.0	144.6	201.4	261.6	341.2	422.1	515.0
67.5°	0.0	21.7	43.5	76.6	116.1	175.2	240.3	323.4	417.7	518.0	640.6
65°	0.0	23.9	49.3	87.2	135.1	204.9	284.1	385.4	495.3	617.7	764.4
62.5°	0.0	26.1	56.0	97.6	157.3	233.6	333.2	445.2	574.0	715.8	890.8
60°	0.0	28.3	62.5	107.7	178.8	265.8	380.3	509.8	648.7	825.0	1017.2
57.5°	0.0	30.4	68.8	117.8	199.7	302.3	425.3	572.6	738.9	931.4	1152.1
55°	0.0	32.4	74.9	132.8	219.7	337.4	477.0	633.4	830.0	1046.4	1282.4
52.5°	0.0	34.3	80.7	147.1	240.4	371.0	526.8	706.8	917.5	1158.9	1414.6
50°	0.0	36.2	86.4	160.9	266.3	403.6	574.4	778.6	1011.7	1269.0	1542.7
47.5°	0.0	38.0	91.8	173.9	291.0	441.9	621.5	846.8	1101.2	1382.1	1668.5
45°	0.0	39.7	96.9	186.4	314.7	478.6	676.3	916.6	1187.2	1492.9	1792.8
42.5°	0.0	41.4	101.8	198.1	337.1	513.5	728.1	987.7	1284.2	1606.0	1914.6
40°	0.0	42.9	106.3	209.2	358.2	546.7	777.1	1054.1	1377.4	1721.8	2038.1
37.5°	0.0	44.4	110.6	219.6	378.0	578.0	823.5	1115.8	1466.7	1831.9	2159.5
35°	0.0	46.3	116.5	232.5	400.0	612.0	870.8	1178.9	1547.4	1933.7	2267.9
32.5°	0.0	48.1	122.7	245.8	422.1	646.1	916.8	1241.3	1625.0	2027.3	2345.6
30°	0.0	49.9	128.4	258.0	442.6	677.8	958.7	1297.8	1695.8	2107.4	2416.1
27.5°	0.0	51.4	133.5	269.3	461.7	706.9	998.8	1348.0	1758.8	2183.7	2478.9
25°	0.0	52.9	138.1	279.5	479.0	733.5	1035.8	1391.9	1813.6	2239.3	2534.9
22.5°	0.0	54.2	142.3	288.7	494.5	757.5	1069.0	1438.8	1861.9	2277.1	2589.2
20°	0.0	55.3	145.9	296.8	508.2	779.1	1100.1	1484.7	1910.5	2315.8	2647.6
17.5°	0.0	56.3	149.1	303.7	519.9	798.0	1132.1	1524.9	1961.1	2361.2	2706.9
15°	0.0	57.2	151.8	309.5	529.8	815.5	1161.0	1562.3	2005.7	2413.8	2767.6
12.5°	0.0	57.9	154.0	314.2	537.4	831.5	1185.8	1598.0	2048.6	2462.4	2822.6
10°	0.0	58.5	155.7	317.9	542.9	842.8	1206.4	1628.1	2088.4	2501.9	2866.8
7.5°	0.0	58.9	156.9	320.4	546.5	849.4	1216.1	1649.3	2121.1	2533.6	2897.9
5°	0.0	59.1	157.6	321.7	548.2	852.5	1218.7	1650.4	2125.5	2545.1	2917.1
2.5°	0.0	59.2	157.8	322.1	548.1	852.3	1216.5	1644.9	2115.1	2531.2	2902.2
0°	0.0	59.2	157.5	321.3	546.1	848.7	1209.6	1633.3	2097.0	2510.2	2880.6
-2.5°	0.0	59.1	156.6	318.4	540.7	838.2	1191.9	1607.1	2062.8	2466.5	2833.8
-5°	0.0	58.8	155.2	314.5	533.6	824.6	1169.9	1575.2	2021.4	2415.9	2779.9
-7.5°	0.0	58.4	153.4	309.6	524.7	808.0	1143.6	1537.7	1977.0	2366.7	2718.0
-10°	0.0	57.9	151.1	303.7	514.1	788.5	1114.7	1502.3	1937.6	2318.2	2650.5
-12.5°	0.0	57.2	148.3	296.9	501.9	767.5	1085.8	1463.2	1890.8	2265.8	2588.7
-15°	0.0	56.3	145.1	289.2	488.4	745.1	1053.1	1418.8	1838.7	2212.2	2527.1
-17.5°	0.0	55.4	141.5	280.6	474.2	721.5	1016.6	1373.4	1783.1	2153.9	2465.7
-20°	0.0	54.3	137.5	271.4	458.4	696.6	978.1	1326.3	1722.1	2094.7	2406.2



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 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S4

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	53.1	133.1	262.0	441.3	669.7	942.0	1274.1	1656.1	2032.2	2340.5
-25°	0.0	51.7	128.4	251.8	422.9	641.3	904.3	1220.5	1585.0	1963.8	2262.8
-27.5°	0.0	50.2	123.2	240.8	403.2	611.1	863.1	1163.4	1511.5	1872.4	2176.3
-30°	0.0	48.7	117.8	229.1	382.4	578.9	818.7	1102.2	1430.1	1766.5	2069.7
-32.5°	0.0	46.9	112.1	216.8	361.4	544.7	772.2	1037.1	1342.3	1657.5	1956.5
-35°	0.0	45.1	106.1	203.8	339.4	508.7	723.5	969.4	1253.2	1552.0	1840.7
-37.5°	0.0	43.3	100.5	191.3	318.1	474.5	675.3	905.3	1167.6	1450.2	1734.7
-40°	0.0	41.8	96.4	181.2	299.6	445.3	629.4	844.6	1087.8	1350.0	1622.6
-42.5°	0.0	40.3	92.2	170.8	280.4	414.9	582.0	780.9	1004.2	1247.9	1505.7
-45°	0.0	38.6	87.7	160.4	260.5	383.3	533.1	714.3	917.1	1144.1	1388.1
-47.5°	0.0	36.9	83.1	149.5	240.0	350.7	482.6	650.4	837.5	1041.7	1265.1
-50°	0.0	35.1	78.4	138.2	219.1	317.1	442.2	591.5	756.5	937.4	1141.0
-52.5°	0.0	33.2	73.5	126.5	197.6	290.6	403.2	532.7	674.6	843.9	1027.8
-55°	0.0	31.3	68.4	114.4	180.7	264.5	363.9	475.3	610.7	754.7	916.6
-57.5°	0.0	29.3	63.2	102.1	164.5	237.6	324.1	428.4	547.1	667.3	820.2
-60°	0.0	27.3	57.9	93.6	147.9	209.7	290.1	379.6	484.2	589.0	719.7
-62.5°	0.0	25.2	52.4	85.3	130.9	185.2	254.9	328.8	420.3	506.3	617.8
-65°	0.0	23.1	46.8	76.7	113.6	163.5	218.6	285.7	355.3	430.8	510.6
-67.5°	0.0	20.9	41.8	67.8	98.7	141.1	186.3	241.7	299.0	357.8	424.3
-70°	0.0	18.7	37.3	58.8	86.4	118.1	157.6	198.5	248.5	294.7	347.7
-72.5°	0.0	16.4	32.8	49.6	73.9	98.5	128.2	164.2	199.3	240.7	284.6
-75°	0.0	14.1	28.2	40.7	61.2	82.1	100.9	129.4	160.7	190.5	226.8
-77.5°	0.0	11.8	23.6	34.0	48.3	65.4	80.7	98.4	121.8	147.4	175.5
-80°	0.0	9.5	18.9	27.3	37.7	48.6	60.4	74.3	90.2	106.0	126.0
-82.5°	0.0	7.1	14.2	20.5	28.3	35.4	40.6	50.1	61.1	72.5	85.1
-85°	0.0	4.8	9.5	13.7	18.9	23.6	27.1	31.5	35.8	40.0	46.0
-87.5°	0.0	2.4	4.8	6.8	9.5	11.8	13.6	15.7	17.9	20.0	22.1
-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°	25.2	27.3	29.3	31.3	31.9	32.2	33.9	35.4	35.2	36.6	37.9
85°	57.1	65.4	73.6	81.5	88.4	92.1	97.7	102.9	107.3	109.9	111.7
82.5°	107.2	119.8	132.7	153.0	172.7	186.1	202.9	217.8	231.3	242.0	249.8
80°	174.3	204.0	231.0	258.9	287.5	317.1	350.7	380.4	408.3	430.9	447.3
77.5°	256.3	302.4	351.9	402.9	447.7	484.6	537.8	584.1	626.2	656.6	673.3
75°	366.7	434.1	493.9	573.2	641.3	698.0	759.8	824.3	885.5	937.0	970.4
72.5°	483.9	586.6	680.0	771.2	867.8	944.0	1019.8	1098.0	1174.5	1235.8	1275.9
70°	634.9	756.8	887.2	1023.3	1128.7	1211.8	1308.8	1400.8	1483.5	1552.2	1602.2
67.5°	785.2	951.7	1115.6	1280.5	1393.3	1488.4	1608.4	1716.9	1809.5	1891.3	1953.7
65°	945.0	1141.9	1343.7	1538.0	1648.3	1767.3	1904.0	2026.3	2138.8	2239.7	2319.1
62.5°	1096.1	1313.5	1550.2	1751.3	1888.2	2028.4	2183.0	2318.4	2454.0	2565.8	2665.4
60°	1242.4	1478.6	1734.8	1945.7	2096.1	2257.9	2430.6	2582.8	2724.6	2862.7	3015.1
57.5°	1388.2	1639.7	1904.6	2124.5	2273.3	2456.2	2648.1	2819.7	2979.3	3154.7	3384.0
55°	1535.4	1795.3	2075.3	2274.7	2430.3	2624.0	2834.8	3033.9	3218.1	3438.0	3756.9
52.5°	1678.0	1949.3	2226.9	2417.1	2567.3	2765.6	2994.8	3226.0	3445.9	3717.9	4132.0
50°	1815.8	2092.6	2369.4	2533.8	2689.9	2893.8	3139.6	3409.3	3664.1	4009.1	4506.6
47.5°	1947.6	2222.7	2486.1	2639.3	2806.2	3024.0	3281.0	3568.1	3886.7	4375.5	4883.6
45°	2066.9	2342.9	2596.8	2743.7	2920.8	3155.1	3412.0	3707.2	4184.6	4749.2	5259.7
42.5°	2192.0	2463.7	2698.0	2842.4	3031.8	3283.3	3547.1	3922.5	4472.9	5082.4	5576.9
40°	2312.4	2574.1	2809.0	2944.7	3137.7	3414.6	3736.1	4177.3	4790.4	5437.6	5844.2
37.5°	2424.9	2686.9	2908.9	3050.7	3231.5	3556.7	3951.5	4489.5	5153.7	5751.1	5998.6
35°	2524.2	2787.7	3017.8	3149.1	3343.2	3680.8	4202.0	4827.0	5497.2	6005.1	6078.1
32.5°	2606.3	2873.5	3103.3	3263.7	3473.3	3857.0	4441.5	5148.7	5853.6	6266.8	6081.7
30°	2678.2	2952.2	3201.4	3369.2	3605.0	4029.7	4682.9	5467.5	6214.4	6207.0	6179.5
27.5°	2745.6	3028.8	3292.3	3496.5	3766.1	4253.2	4975.0	5802.4	6297.3	6216.4	6247.4
25°	2813.2	3113.9	3389.0	3639.6	3936.4	4464.3	5252.9	6125.4	6369.9	6256.7	6353.1
22.5°	2888.0	3200.2	3501.4	3797.0	4109.9	4673.7	5490.6	6218.8	6365.4	6345.7	6609.5
20°	2960.8	3295.1	3622.6	3931.5	4279.4	4864.8	5692.0	6377.6	6377.3	6374.4	6831.8
17.5°	3034.6	3384.8	3714.5	4032.7	4408.7	5014.8	5897.7	6518.8	6452.1	6566.5	7000.5
15°	3102.3	3458.1	3784.5	4096.7	4499.5	5186.1	6124.6	6629.9	6553.6	6789.5	7197.0
12.5°	3155.6	3523.4	3840.8	4169.3	4614.2	5358.5	6357.2	6790.5	6680.5	7004.7	7460.3
10°	3197.6	3579.6	3940.9	4270.7	4726.2	5534.3	6578.3	6967.0	6877.7	7182.5	7717.2
7.5°	3226.5	3619.4	4045.1	4404.8	4857.0	5683.1	6760.9	7092.3	7042.9	7326.6	7935.5
5°	3246.3	3638.2	4070.5	4448.1	4903.2	5745.9	6813.1	7166.8	7119.0	7390.4	8066.4
2.5°	3232.3	3618.1	4014.7	4395.8	4848.3	5681.2	6713.7	7099.0	7061.3	7312.8	7951.2
0°	3208.7	3576.9	3893.2	4237.7	4685.9	5500.9	6500.3	6948.1	6926.3	7193.8	7770.4
-2.5°	3164.5	3538.3	3831.9	4157.8	4576.6	5319.4	6279.1	6759.8	6776.5	7085.0	7564.5
-5°	3111.8	3486.9	3772.3	4089.9	4481.9	5155.2	6059.1	6554.5	6586.5	6888.4	7340.8
-7.5°	3041.8	3417.3	3717.4	4024.6	4382.7	4991.9	5846.9	6361.9	6417.6	6638.7	7177.0
-10°	2965.5	3333.5	3627.2	3918.1	4259.1	4820.7	5624.9	6223.5	6316.2	6440.4	6980.6
-12.5°	2895.2	3239.2	3524.9	3776.0	4093.0	4628.3	5400.6	6066.0	6284.8	6269.4	6717.9
-15°	2822.1	3149.3	3413.3	3623.0	3901.7	4394.1	5145.1	5866.5	6214.2	6151.6	6413.1
-17.5°	2761.5	3063.6	3316.9	3485.1	3735.5	4172.0	4853.9	5622.1	6083.3	6117.7	6223.8
-20°	2697.1	2994.0	3234.9	3361.5	3586.7	3992.5	4597.6	5335.9	5905.9	6101.7	6093.8



REPORT NUMBER: P902127 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S4

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2630.0	2923.3	3135.4	3238.3	3448.0	3816.0	4365.6	5041.9	5660.7	5996.7	6029.5
-25°	2552.4	2831.7	3036.8	3135.9	3327.9	3667.7	4140.4	4755.2	5424.8	5878.6	5980.8
-27.5°	2451.0	2731.7	2943.2	3024.8	3220.7	3537.7	3943.9	4445.7	5072.2	5613.3	5859.6
-30°	2338.1	2620.0	2846.2	2921.9	3118.2	3405.2	3731.7	4160.4	4747.4	5345.8	5693.4
-32.5°	2225.9	2499.9	2728.0	2842.2	3020.8	3280.2	3579.6	3957.7	4455.9	5042.6	5518.7
-35°	2112.1	2391.7	2630.1	2752.3	2918.0	3165.1	3446.6	3800.8	4232.6	4739.7	5219.5
-37.5°	1998.0	2284.5	2526.3	2669.7	2830.4	3062.5	3356.2	3671.4	4012.7	4440.4	4909.2
-40°	1897.2	2173.4	2435.1	2589.5	2748.2	2968.6	3249.8	3553.9	3821.8	4153.2	4605.9
-42.5°	1786.6	2062.6	2324.0	2496.5	2662.7	2881.4	3128.8	3406.1	3650.9	3924.3	4292.1
-45°	1653.9	1933.8	2207.5	2398.1	2568.5	2779.8	3017.2	3234.5	3461.7	3691.0	3980.2
-47.5°	1511.7	1787.1	2061.8	2270.2	2447.4	2642.8	2850.1	3048.9	3222.1	3414.3	3639.9
-50°	1372.6	1628.9	1903.4	2124.2	2286.7	2459.4	2638.5	2817.3	2969.9	3110.4	3259.9
-52.5°	1234.8	1477.4	1749.2	1956.8	2103.0	2252.1	2406.4	2565.7	2712.5	2833.4	2940.4
-55°	1118.5	1347.1	1592.8	1787.7	1915.3	2046.0	2185.7	2331.4	2464.3	2585.3	2669.3
-57.5°	1001.9	1205.2	1411.5	1602.5	1708.7	1843.7	1947.9	2087.6	2192.8	2295.8	2373.7
-60°	879.7	1049.5	1218.8	1372.1	1479.0	1580.0	1673.6	1779.5	1884.5	1969.4	2044.8
-62.5°	746.3	888.8	1020.9	1155.6	1251.0	1332.2	1415.7	1504.7	1588.4	1678.8	1738.6
-65°	619.4	728.1	842.0	953.0	1045.8	1110.9	1191.7	1271.6	1355.9	1431.1	1487.0
-67.5°	498.0	593.0	679.8	781.1	859.2	912.5	983.9	1053.0	1120.1	1190.3	1240.7
-70°	412.1	469.2	544.3	626.2	688.7	737.4	792.4	848.5	905.9	960.4	999.2
-72.5°	333.7	385.5	432.3	488.9	555.5	589.8	621.6	671.6	723.7	766.9	795.8
-75°	269.8	307.3	338.9	383.5	435.1	463.8	478.5	511.9	554.4	594.9	621.5
-77.5°	206.8	235.9	263.8	293.0	326.6	348.2	367.1	388.2	411.5	434.5	459.5
-80°	149.9	171.7	192.5	214.1	237.9	255.5	268.4	284.4	305.1	326.7	347.3
-82.5°	98.6	111.3	124.7	140.6	157.1	168.8	177.4	188.1	200.4	211.7	222.7
-85°	53.9	60.5	68.7	76.0	84.6	91.9	96.5	103.3	107.8	112.0	117.0
-87.5°	24.2	25.1	26.9	27.4	29.1	32.2	33.9	37.0	38.6	41.8	43.3
-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: P902127 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S4

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°	38.2	40.2	42.0	43.7	45.1	46.5	47.8	49.3	51.5	54.7	55.5
85°	117.4	121.7	124.9	131.4	136.2	140.2	145.7	156.1	170.9	180.9	187.7
82.5°	259.6	269.2	277.4	291.4	305.6	312.1	328.0	361.5	399.6	425.7	448.4
80°	459.1	473.0	486.5	508.9	535.0	551.0	586.6	655.6	720.3	766.9	813.2
77.5°	692.8	717.1	735.8	769.5	819.0	866.2	941.0	1038.8	1115.8	1181.9	1245.7
75°	995.8	1016.6	1034.5	1079.7	1169.2	1281.0	1398.3	1505.5	1587.7	1662.2	1723.9
72.5°	1305.7	1332.3	1366.5	1442.5	1586.6	1773.3	1927.4	2014.4	2074.7	2129.9	2170.9
70°	1640.4	1678.9	1741.1	1866.7	2075.0	2312.8	2488.9	2575.4	2604.9	2615.0	2632.1
67.5°	2002.3	2055.0	2155.9	2353.0	2632.0	2854.5	3018.5	3137.3	3155.3	3095.1	3082.0
65°	2384.2	2490.3	2686.3	2980.6	3221.1	3384.1	3510.1	3624.0	3660.9	3583.4	3542.2
62.5°	2789.8	2989.3	3249.2	3536.1	3764.8	3901.9	3957.6	3983.3	3975.1	3935.7	3912.0
60°	3218.5	3505.0	3795.0	4052.6	4245.8	4337.5	4310.9	4238.4	4177.9	4159.6	4200.7
57.5°	3687.7	4041.7	4333.6	4553.6	4687.5	4701.5	4608.1	4499.9	4419.2	4377.9	4413.8
55°	4168.9	4532.5	4820.9	4991.1	5040.2	4996.0	4905.6	4792.6	4685.7	4612.5	4605.9
52.5°	4588.3	4932.1	5156.1	5239.5	5232.0	5210.7	5186.3	5090.4	4957.0	4888.1	4851.0
50°	4954.7	5291.2	5423.6	5391.4	5337.3	5351.0	5399.8	5367.5	5253.8	5223.7	5205.4
47.5°	5312.6	5577.8	5608.7	5481.6	5430.4	5506.5	5589.8	5571.8	5576.1	5619.3	5641.8
45°	5602.8	5763.3	5704.6	5583.5	5601.7	5741.1	5878.4	5905.1	5929.6	6008.5	6095.8
42.5°	5817.3	5860.6	5761.3	5733.0	5828.1	6030.7	6138.8	6144.1	6225.9	6364.8	6526.4
40°	5932.5	5909.7	5904.2	6016.0	6175.9	6428.8	6473.7	6483.9	6614.2	6880.9	6997.4
37.5°	5973.2	5972.8	6158.6	6404.6	6701.7	6974.2	7001.8	7043.0	7302.0	7470.5	7689.6
35°	5978.5	6178.4	6461.0	6843.6	7353.7	7672.9	7681.9	7794.2	7916.5	8059.3	8331.2
32.5°	6189.5	6527.1	6870.5	7256.5	7646.7	8073.4	8159.0	8239.2	8348.8	8551.5	8647.5
30°	6387.7	6813.3	7244.7	7561.3	7890.5	8304.8	8536.3	8649.1	8907.9	9147.3	9370.0
27.5°	6557.0	7092.5	7635.6	7905.2	8160.6	8662.8	9103.3	9377.7	10003.4	10511.9	11266.3
25°	6790.3	7361.9	7818.3	8159.7	8488.0	9247.3	10184.1	11059.1	12000.8	13242.4	14924.7
22.5°	7033.9	7527.8	8123.1	8610.1	9095.7	10214.4	11772.8	13286.4	14936.2	17100.5	20200.6
20°	7224.9	7766.4	8600.6	9396.8	10164.2	11781.6	13983.4	17133.9	20917.9	26075.3	32904.4
17.5°	7460.7	8157.4	9297.3	10588.1	11682.7	13600.2	17148.4	23100.7	33716.7	51153.6	69517.3
15°	7761.5	8696.5	10326.0	11990.6	13155.9	15482.8	20927.0	32190.4	55497.6	105551.2	166990.7
12.5°	8128.1	9352.5	11594.8	13656.9	14359.5	17414.4	25558.9	44937.3	86068.4	177492.5	314112.1
10°	8492.8	10092.2	12956.6	15031.7	15930.7	19570.8	30782.2	59653.2	123805.1	260318.8	496292.4
7.5°	8914.8	10988.0	14172.2	16528.3	17280.1	21797.6	36900.0	77942.5	169113.3	376348.0	756251.6
5°	9152.4	11369.2	14713.1	17034.1	18116.0	22874.7	38476.2	80260.1	179007.4	423664.4	869608.4
2.5°	8962.2	10987.5	14339.8	16498.9	17514.2	21690.1	34941.1	74176.3	163053.7	367193.2	736165.4
0°	8620.9	10259.2	13160.8	15082.5	15979.5	19407.6	29305.0	57690.2	117119.8	245521.8	458522.1
-2.5°	8279.2	9502.4	11665.5	13540.0	14545.9	17321.9	23520.8	38468.8	70532.1	140389.9	245986.2
-5°	7924.1	8843.8	10352.2	12084.9	13234.7	15217.2	18837.5	25475.8	38867.8	67197.4	105473.1
-7.5°	7645.8	8354.5	9318.2	10515.6	11720.0	13419.5	15842.1	19604.4	24876.1	31471.0	42518.7
-10°	7448.7	7972.0	8634.6	9351.5	10272.1	11768.2	13642.9	15827.8	18379.4	20735.9	23998.6
-12.5°	7252.4	7759.1	8198.4	8541.5	9046.7	10294.4	11954.1	13459.8	14989.6	16910.0	18996.2
-15°	6944.9	7535.3	7929.2	8184.0	8573.7	9341.0	10384.4	11256.6	12258.2	13566.2	15224.1
-17.5°	6651.5	7205.0	7796.6	7998.0	8344.2	8855.7	9280.2	9525.5	10058.9	10627.7	11018.9
-20°	6427.6	6879.4	7314.9	7685.4	8070.5	8557.6	8746.2	8820.4	9030.0	9276.5	9318.8



REPORT NUMBER: P902127 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S4

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6176.5	6510.9	6876.0	7282.5	7811.9	8225.5	8373.8	8404.0	8496.3	8653.6	8789.3
-25°	5938.7	6120.8	6421.1	6843.0	7451.6	7790.5	7852.1	7995.6	8136.1	8246.9	8423.2
-27.5°	5877.1	5926.8	6086.4	6365.8	6755.6	7072.8	7124.1	7152.9	7498.3	7730.8	7853.1
-30°	5790.3	5819.6	5852.2	5970.0	6198.9	6476.1	6540.1	6545.1	6749.5	6948.7	7037.3
-32.5°	5701.0	5747.7	5726.6	5743.1	5854.6	6055.1	6169.2	6168.4	6303.0	6424.2	6564.2
-35°	5546.1	5662.9	5612.0	5554.5	5637.2	5750.2	5892.5	5937.3	5985.7	6065.4	6156.5
-37.5°	5290.9	5541.7	5504.5	5435.4	5421.0	5510.0	5612.4	5642.8	5638.4	5680.8	5693.4
-40°	5007.3	5292.8	5362.4	5342.3	5310.0	5342.8	5414.4	5412.1	5324.5	5294.7	5280.6
-42.5°	4686.4	4991.6	5181.4	5248.9	5224.8	5222.6	5230.4	5165.3	5048.2	4952.2	4926.1
-45°	4332.6	4651.1	4897.9	5049.3	5088.7	5034.9	4969.0	4868.1	4770.4	4685.4	4677.2
-47.5°	3924.5	4224.0	4500.3	4706.9	4824.9	4790.5	4689.7	4581.2	4496.1	4448.5	4474.0
-50°	3465.7	3724.5	3991.3	4253.5	4433.8	4451.2	4370.7	4294.9	4221.8	4202.5	4247.2
-52.5°	3048.8	3237.4	3462.9	3753.9	3970.0	4030.4	4012.3	4000.9	3977.0	3957.2	3978.3
-55°	2752.1	2846.2	2992.9	3256.3	3472.9	3575.9	3655.0	3715.4	3725.0	3672.5	3663.2
-57.5°	2426.8	2490.3	2606.4	2788.1	2988.7	3161.1	3314.8	3407.3	3412.6	3333.0	3314.7
-60°	2084.2	2123.6	2191.8	2327.2	2508.5	2675.6	2840.2	2961.5	2982.9	2964.8	2976.9
-62.5°	1774.1	1800.0	1834.8	1923.1	2078.8	2231.7	2405.2	2484.8	2515.8	2551.8	2586.0
-65°	1517.8	1534.4	1550.1	1608.0	1724.5	1837.6	1964.6	2051.9	2111.8	2175.4	2227.7
-67.5°	1265.4	1281.5	1298.3	1342.3	1411.2	1470.7	1549.2	1649.1	1730.2	1798.7	1858.9
-70°	1028.3	1041.5	1051.2	1085.8	1129.9	1160.7	1205.4	1283.7	1358.3	1415.0	1465.3
-72.5°	819.8	830.7	839.3	868.8	901.2	918.6	942.9	994.7	1054.3	1099.1	1143.6
-75°	635.6	640.2	645.4	667.0	691.2	706.3	724.2	759.3	800.0	832.4	861.5
-77.5°	478.3	482.5	482.0	494.4	509.2	521.0	531.4	551.3	579.0	601.5	618.3
-80°	361.4	362.7	362.0	369.3	380.0	389.1	393.2	402.6	421.2	437.3	449.3
-82.5°	234.4	238.4	243.4	250.3	259.8	268.6	273.2	278.3	288.5	298.2	304.7
-85°	123.4	126.0	129.7	134.6	139.5	142.6	146.0	150.6	155.4	160.6	166.3
-87.5°	45.5	47.5	49.4	52.8	54.5	55.6	58.4	59.9	62.7	65.4	68.3
-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: P902127 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S4

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°	56.5	57.4	57.7	58.2	57.7	57.4	56.5	55.5	54.7	51.5	49.3
85°	194.8	200.4	202.5	203.9	202.5	200.4	194.8	187.7	180.9	170.9	156.1
82.5°	469.9	483.0	489.1	491.5	489.1	483.0	469.9	448.4	425.7	399.6	361.5
80°	851.3	870.8	881.2	890.1	881.2	870.8	851.3	813.2	766.9	720.3	655.6
77.5°	1287.9	1301.1	1314.1	1329.3	1314.1	1301.1	1287.9	1245.7	1181.9	1115.8	1038.8
75°	1759.2	1764.1	1787.0	1814.0	1787.0	1764.1	1759.2	1723.9	1662.2	1587.7	1505.5
72.5°	2204.2	2206.6	2245.6	2284.9	2245.6	2206.6	2204.2	2170.9	2129.9	2074.7	2014.4
70°	2664.0	2665.7	2709.7	2748.7	2709.7	2665.7	2664.0	2632.1	2615.0	2604.9	2575.4
67.5°	3109.6	3123.9	3210.7	3314.3	3210.7	3123.9	3109.6	3082.0	3095.1	3155.3	3137.3
65°	3547.5	3588.5	3772.0	4019.2	3772.0	3588.5	3547.5	3542.2	3583.4	3660.9	3624.0
62.5°	3910.9	3998.6	4228.1	4498.9	4228.1	3998.6	3910.9	3912.0	3935.7	3975.1	3983.3
60°	4220.6	4330.7	4562.3	4723.7	4562.3	4330.7	4220.6	4200.7	4159.6	4177.9	4238.4
57.5°	4439.1	4573.8	4816.7	5021.8	4816.7	4573.8	4439.1	4413.8	4377.9	4419.2	4499.9
55°	4652.4	4811.3	5071.8	5318.9	5071.8	4811.3	4652.4	4605.9	4612.5	4685.7	4792.6
52.5°	4916.5	5090.8	5402.3	5676.2	5402.3	5090.8	4916.5	4851.0	4888.1	4957.0	5090.4
50°	5251.0	5421.6	5782.0	6207.2	5782.0	5421.6	5251.0	5205.4	5223.7	5253.8	5367.5
47.5°	5685.6	5853.2	6249.0	6431.6	6249.0	5853.2	5685.6	5641.8	5619.3	5576.1	5571.8
45°	6138.1	6453.4	6747.2	6834.3	6747.2	6453.4	6138.1	6095.8	6008.5	5929.6	5905.1
42.5°	6629.4	7102.4	7390.8	7455.5	7390.8	7102.4	6629.4	6526.4	6364.8	6225.9	6144.1
40°	7283.1	7656.5	7991.1	8140.4	7991.1	7656.5	7283.1	6997.4	6880.9	6614.2	6483.9
37.5°	7876.4	8151.6	8415.4	8322.9	8415.4	8151.6	7876.4	7689.6	7470.5	7302.0	7043.0
35°	8461.6	8841.7	8957.8	8924.9	8957.8	8841.7	8461.6	8331.2	8059.3	7916.5	7794.2
32.5°	8876.8	9363.6	9551.7	9606.2	9551.7	9363.6	8876.8	8647.5	8551.5	8348.8	8239.2
30°	9724.7	10023.7	10494.9	10801.7	10494.9	10023.7	9724.7	9370.0	9147.3	8907.9	8649.1
27.5°	12046.9	12691.4	14192.8	15190.4	14192.8	12691.4	12046.9	11266.3	10511.9	10003.4	9377.7
25°	16772.0	19152.1	22250.3	24679.6	22250.3	19152.1	16772.0	14924.7	13242.4	12000.8	11059.1
22.5°	23662.4	28568.8	34968.8	40290.5	34968.8	28568.8	23662.4	20200.6	17100.5	14936.2	13286.4
20°	43420.7	52624.0	65536.2	77078.7	65536.2	52624.0	43420.7	32904.4	26075.3	20917.9	17133.9
17.5°	96070.7	112217.3	141678.7	163350.9	141678.7	112217.3	96070.7	69517.3	51153.6	33716.7	23100.7
15°	217276.3	246003.5	284014.3	309138.5	284014.3	246003.5	217276.3	166990.7	105551.2	55497.6	32190.4
12.5°	425883.4	491284.6	538910.1	564744.8	538910.1	491284.6	425883.4	314112.1	177492.5	86068.4	44937.3
10°	730440.6	908053.1	#####	#####	#####	908053.1	730440.6	496292.4	260318.8	123805.1	59653.2
7.5°	#####	#####	#####	#####	#####	#####	#####	756251.6	376348.0	169113.3	77942.5
5°	#####	#####	#####	#####	#####	#####	#####	869608.4	423664.4	179007.4	80260.1
2.5°	#####	#####	#####	#####	#####	#####	#####	736165.4	367193.2	163053.7	74176.3
0°	681308.9	851205.1	972594.8	#####	972594.8	851205.1	681308.9	458522.1	245521.8	117119.8	57690.2
-2.5°	341185.9	405834.5	453681.6	475458.7	453681.6	405834.5	341185.9	245986.2	140389.9	70532.1	38468.8
-5°	144994.2	173234.0	195282.9	216763.0	195282.9	173234.0	144994.2	105473.1	67197.4	38867.8	25475.8
-7.5°	55649.1	64950.5	75447.5	91986.0	75447.5	64950.5	55649.1	42518.7	31471.0	24876.1	19604.4
-10°	28194.9	31825.3	36898.4	41424.5	36898.4	31825.3	28194.9	23998.6	20735.9	18379.4	15827.8
-12.5°	20720.3	22911.3	25652.1	27685.8	25652.1	22911.3	20720.3	18996.2	16910.0	14989.6	13459.8
-15°	16817.4	18529.1	19958.8	20849.6	19958.8	18529.1	16817.4	15224.1	13566.2	12258.2	11256.6
-17.5°	12097.2	12535.1	13409.6	13771.9	13409.6	12535.1	12097.2	11018.9	10627.7	10058.9	9525.5
-20°	9647.9	9967.1	10257.2	10335.7	10257.2	9967.1	9647.9	9318.8	9276.5	9030.0	8820.4



REPORT NUMBER: P902127 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S4

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8995.0	9507.7	9680.1	9658.5	9680.1	9507.7	8995.0	8789.3	8653.6	8496.3	8404.0
-25°	8700.7	9148.2	9322.2	9273.6	9322.2	9148.2	8700.7	8423.2	8246.9	8136.1	7995.6
-27.5°	8120.0	8434.1	8717.0	8606.0	8717.0	8434.1	8120.0	7853.1	7730.8	7498.3	7152.9
-30°	7379.0	7826.6	8278.1	8435.3	8278.1	7826.6	7379.0	7037.3	6948.7	6749.5	6545.1
-32.5°	6750.0	7292.7	7681.0	7747.6	7681.0	7292.7	6750.0	6564.2	6424.2	6303.0	6168.4
-35°	6246.6	6590.5	6923.0	6975.3	6923.0	6590.5	6246.6	6156.5	6065.4	5985.7	5937.3
-37.5°	5768.3	5984.9	6442.4	6640.0	6442.4	5984.9	5768.3	5693.4	5680.8	5638.4	5642.8
-40°	5350.4	5534.2	5977.3	6427.5	5977.3	5534.2	5350.4	5280.6	5294.7	5324.5	5412.1
-42.5°	5010.5	5207.7	5597.3	5893.7	5597.3	5207.7	5010.5	4926.1	4952.2	5048.2	5165.3
-45°	4731.9	4913.3	5261.1	5584.7	5261.1	4913.3	4731.9	4677.2	4685.4	4770.4	4868.1
-47.5°	4499.3	4669.9	5012.2	5320.7	5012.2	4669.9	4499.3	4474.0	4448.5	4496.1	4581.2
-50°	4273.7	4434.6	4772.2	5034.9	4772.2	4434.6	4273.7	4247.2	4202.5	4221.8	4294.9
-52.5°	4015.7	4161.4	4550.3	4958.5	4550.3	4161.4	4015.7	3978.3	3957.2	3977.0	4000.9
-55°	3704.3	3800.7	4172.2	4662.7	4172.2	3800.7	3704.3	3663.2	3672.5	3725.0	3715.4
-57.5°	3369.6	3443.0	3679.3	3996.9	3679.3	3443.0	3369.6	3314.7	3333.0	3412.6	3407.3
-60°	3037.2	3107.7	3239.0	3356.6	3239.0	3107.7	3037.2	2976.9	2964.8	2982.9	2961.5
-62.5°	2630.5	2671.8	2766.0	2845.6	2766.0	2671.8	2630.5	2586.0	2551.8	2515.8	2484.8
-65°	2272.9	2307.5	2373.7	2428.3	2373.7	2307.5	2272.9	2227.7	2175.4	2111.8	2051.9
-67.5°	1908.3	1940.4	1982.0	2011.0	1982.0	1940.4	1908.3	1858.9	1798.7	1730.2	1649.1
-70°	1508.8	1535.9	1561.9	1580.0	1561.9	1535.9	1508.8	1465.3	1415.0	1358.3	1283.7
-72.5°	1188.9	1225.5	1248.1	1261.0	1248.1	1225.5	1188.9	1143.6	1099.1	1054.3	994.7
-75°	890.4	920.0	932.8	942.0	932.8	920.0	890.4	861.5	832.4	800.0	759.3
-77.5°	635.9	653.1	659.5	666.7	659.5	653.1	635.9	618.3	601.5	579.0	551.3
-80°	460.3	460.1	456.4	456.9	456.4	460.1	460.3	449.3	437.3	421.2	402.6
-82.5°	306.8	305.9	305.0	305.4	305.0	305.9	306.8	304.7	298.2	288.5	278.3
-85°	165.4	165.6	163.6	163.9	163.6	165.6	165.4	166.3	160.6	155.4	150.6
-87.5°	69.8	70.2	70.0	70.1	70.0	70.2	69.8	68.3	65.4	62.7	59.9
-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°	47.8	46.5	45.1	43.7	42.0	40.2	38.2	37.9	36.6	35.2	35.4
85°	145.7	140.2	136.2	131.4	124.9	121.7	117.4	111.7	109.9	107.3	102.9
82.5°	328.0	312.1	305.6	291.4	277.4	269.2	259.6	249.8	242.0	231.3	217.8
80°	586.6	551.0	535.0	508.9	486.5	473.0	459.1	447.3	430.9	408.3	380.4
77.5°	941.0	866.2	819.0	769.5	735.8	717.1	692.8	673.3	656.6	626.2	584.1
75°	1398.3	1281.0	1169.2	1079.7	1034.5	1016.6	995.8	970.4	937.0	885.5	824.3
72.5°	1927.4	1773.3	1586.6	1442.5	1366.5	1332.3	1305.7	1275.9	1235.8	1174.5	1098.0
70°	2488.9	2312.8	2075.0	1866.7	1741.1	1678.9	1640.4	1602.2	1552.2	1483.5	1400.8
67.5°	3018.5	2854.5	2632.0	2353.0	2155.9	2055.0	2002.3	1953.7	1891.3	1809.5	1716.9
65°	3510.1	3384.1	3221.1	2980.6	2686.3	2490.3	2384.2	2319.1	2239.7	2138.8	2026.3
62.5°	3957.6	3901.9	3764.8	3536.1	3249.2	2989.3	2789.8	2665.4	2565.8	2454.0	2318.4
60°	4310.9	4337.5	4245.8	4052.6	3795.0	3505.0	3218.5	3015.1	2862.7	2724.6	2582.8
57.5°	4608.1	4701.5	4687.5	4553.6	4333.6	4041.7	3687.7	3384.0	3154.7	2979.3	2819.7
55°	4905.6	4996.0	5040.2	4991.1	4820.9	4532.5	4168.9	3756.9	3438.0	3218.1	3033.9
52.5°	5186.3	5210.7	5232.0	5239.5	5156.1	4932.1	4588.3	4132.0	3717.9	3445.9	3226.0
50°	5399.8	5351.0	5337.3	5391.4	5423.6	5291.2	4954.7	4506.6	4009.1	3664.1	3409.3
47.5°	5589.8	5506.5	5430.4	5481.6	5608.7	5577.8	5312.6	4883.6	4375.5	3886.7	3568.1
45°	5878.4	5741.1	5601.7	5583.5	5704.6	5763.3	5602.8	5259.7	4749.2	4184.6	3707.2
42.5°	6138.8	6030.7	5828.1	5733.0	5761.3	5860.6	5817.3	5576.9	5082.4	4472.9	3922.5
40°	6473.7	6428.8	6175.9	6016.0	5904.2	5909.7	5932.5	5844.2	5437.6	4790.4	4177.3
37.5°	7001.8	6974.2	6701.7	6404.6	6158.6	5972.8	5973.2	5998.6	5751.1	5153.7	4489.5
35°	7681.9	7672.9	7353.7	6843.6	6461.0	6178.4	5978.5	6078.1	6005.1	5497.2	4827.0
32.5°	8159.0	8073.4	7646.7	7256.5	6870.5	6527.1	6189.5	6081.7	6266.8	5853.6	5148.7
30°	8536.3	8304.8	7890.5	7561.3	7244.7	6813.3	6387.7	6179.5	6207.0	6214.4	5467.5
27.5°	9103.3	8662.8	8160.6	7905.2	7635.6	7092.5	6557.0	6247.4	6216.4	6297.3	5802.4
25°	10184.1	9247.3	8488.0	8159.7	7818.3	7361.9	6790.3	6353.1	6256.7	6369.9	6125.4
22.5°	11772.8	10214.4	9095.7	8610.1	8123.1	7527.8	7033.9	6609.5	6345.7	6365.4	6218.8
20°	13983.4	11781.6	10164.2	9396.8	8600.6	7766.4	7224.9	6831.8	6374.4	6377.3	6377.6
17.5°	17148.4	13600.2	11682.7	10588.1	9297.3	8157.4	7460.7	7000.5	6566.5	6452.1	6518.8
15°	20927.0	15482.8	13155.9	11990.6	10326.0	8696.5	7761.5	7197.0	6789.5	6553.6	6629.9
12.5°	25558.9	17414.4	14359.5	13656.9	11594.8	9352.5	8128.1	7460.3	7004.7	6680.5	6790.5
10°	30782.2	19570.8	15930.7	15031.7	12956.6	10092.2	8492.8	7717.2	7182.5	6877.7	6967.0
7.5°	36900.0	21797.6	17280.1	16528.3	14172.2	10988.0	8914.8	7935.5	7326.6	7042.9	7092.3
5°	38476.2	22874.7	18116.0	17034.1	14713.1	11369.2	9152.4	8066.4	7390.4	7119.0	7166.8
2.5°	34941.1	21690.1	17514.2	16498.9	14339.8	10987.5	8962.2	7951.2	7312.8	7061.3	7099.0
0°	29305.0	19407.6	15979.5	15082.5	13160.8	10259.2	8620.9	7770.4	7193.8	6926.3	6948.1
-2.5°	23520.8	17321.9	14545.9	13540.0	11665.5	9502.4	8279.2	7564.5	7085.0	6776.5	6759.8
-5°	18837.5	15217.2	13234.7	12084.9	10352.2	8843.8	7924.1	7340.8	6888.4	6586.5	6554.5
-7.5°	15842.1	13419.5	11720.0	10515.6	9318.2	8354.5	7645.8	7177.0	6638.7	6417.6	6361.9
-10°	13642.9	11768.2	10272.1	9351.5	8634.6	7972.0	7448.7	6980.6	6440.4	6316.2	6223.5
-12.5°	11954.1	10294.4	9046.7	8541.5	8198.4	7759.1	7252.4	6717.9	6269.4	6284.8	6066.0
-15°	10384.4	9341.0	8573.7	8184.0	7929.2	7535.3	6944.9	6413.1	6151.6	6214.2	5866.5
-17.5°	9280.2	8855.7	8344.2	7998.0	7796.6	7205.0	6651.5	6223.8	6117.7	6083.3	5622.1
-20°	8746.2	8557.6	8070.5	7685.4	7314.9	6879.4	6427.6	6093.8	6101.7	5905.9	5335.9



REPORT NUMBER: P902127 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S4

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8373.8	8225.5	7811.9	7282.5	6876.0	6510.9	6176.5	6029.5	5996.7	5660.7	5041.9
-25°	7852.1	7790.5	7451.6	6843.0	6421.1	6120.8	5938.7	5980.8	5878.6	5424.8	4755.2
-27.5°	7124.1	7072.8	6755.6	6365.8	6086.4	5926.8	5877.1	5859.6	5613.3	5072.2	4445.7
-30°	6540.1	6476.1	6198.9	5970.0	5852.2	5819.6	5790.3	5693.4	5345.8	4747.4	4160.4
-32.5°	6169.2	6055.1	5854.6	5743.1	5726.6	5747.7	5701.0	5518.7	5042.6	4455.9	3957.7
-35°	5892.5	5750.2	5637.2	5554.5	5612.0	5662.9	5546.1	5219.5	4739.7	4232.6	3800.8
-37.5°	5612.4	5510.0	5421.0	5435.4	5504.5	5541.7	5290.9	4909.2	4440.4	4012.7	3671.4
-40°	5414.4	5342.8	5310.0	5342.3	5362.4	5292.8	5007.3	4605.9	4153.2	3821.8	3553.9
-42.5°	5230.4	5222.6	5224.8	5248.9	5181.4	4991.6	4686.4	4292.1	3924.3	3650.9	3406.1
-45°	4969.0	5034.9	5088.7	5049.3	4897.9	4651.1	4332.6	3980.2	3691.0	3461.7	3234.5
-47.5°	4689.7	4790.5	4824.9	4706.9	4500.3	4224.0	3924.5	3639.9	3414.3	3222.1	3048.9
-50°	4370.7	4451.2	4433.8	4253.5	3991.3	3724.5	3465.7	3259.9	3110.4	2969.9	2817.3
-52.5°	4012.3	4030.4	3970.0	3753.9	3462.9	3237.4	3048.8	2940.4	2833.4	2712.5	2565.7
-55°	3655.0	3575.9	3472.9	3256.3	2992.9	2846.2	2752.1	2669.3	2585.3	2464.3	2331.4
-57.5°	3314.8	3161.1	2988.7	2788.1	2606.4	2490.3	2426.8	2373.7	2295.8	2192.8	2087.6
-60°	2840.2	2675.6	2508.5	2327.2	2191.8	2123.6	2084.2	2044.8	1969.4	1884.5	1779.5
-62.5°	2405.2	2231.7	2078.8	1923.1	1834.8	1800.0	1774.1	1738.6	1678.8	1588.4	1504.7
-65°	1964.6	1837.6	1724.5	1608.0	1550.1	1534.4	1517.8	1487.0	1431.1	1355.9	1271.6
-67.5°	1549.2	1470.7	1411.2	1342.3	1298.3	1281.5	1265.4	1240.7	1190.3	1120.1	1053.0
-70°	1205.4	1160.7	1129.9	1085.8	1051.2	1041.5	1028.3	999.2	960.4	905.9	848.5
-72.5°	942.9	918.6	901.2	868.8	839.3	830.7	819.8	795.8	766.9	723.7	671.6
-75°	724.2	706.3	691.2	667.0	645.4	640.2	635.6	621.5	594.9	554.4	511.9
-77.5°	531.4	521.0	509.2	494.4	482.0	482.5	478.3	459.5	434.5	411.5	388.2
-80°	393.2	389.1	380.0	369.3	362.0	362.7	361.4	347.3	326.7	305.1	284.4
-82.5°	273.2	268.6	259.8	250.3	243.4	238.4	234.4	222.7	211.7	200.4	188.1
-85°	146.0	142.6	139.5	134.6	129.7	126.0	123.4	117.0	112.0	107.8	103.3
-87.5°	58.4	55.6	54.5	52.8	49.4	47.5	45.5	43.3	41.8	38.6	37.0
-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: P902127 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S4

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°	33.9	32.2	31.9	31.3	29.3	27.3	25.2	24.0	21.8	20.2	18.5
85°	97.7	92.1	88.4	81.5	73.6	65.4	57.1	50.1	43.5	40.4	36.9
82.5°	202.9	186.1	172.7	153.0	132.7	119.8	107.2	94.1	81.7	70.3	59.3
80°	350.7	317.1	287.5	258.9	231.0	204.0	174.3	144.0	121.3	105.0	89.8
77.5°	537.8	484.6	447.7	402.9	351.9	302.4	256.3	217.6	182.1	147.1	120.1
75°	759.8	698.0	641.3	573.2	493.9	434.1	366.7	299.4	248.1	206.7	163.2
72.5°	1019.8	944.0	867.8	771.2	680.0	586.6	483.9	404.0	331.4	265.5	213.0
70°	1308.8	1211.8	1128.7	1023.3	887.2	756.8	634.9	515.0	422.1	341.2	261.6
67.5°	1608.4	1488.4	1393.3	1280.5	1115.6	951.7	785.2	640.6	518.0	417.7	323.4
65°	1904.0	1767.3	1648.3	1538.0	1343.7	1141.9	945.0	764.4	617.7	495.3	385.4
62.5°	2183.0	2028.4	1888.2	1751.3	1550.2	1313.5	1096.1	890.8	715.8	574.0	445.2
60°	2430.6	2257.9	2096.1	1945.7	1734.8	1478.6	1242.4	1017.2	825.0	648.7	509.8
57.5°	2648.1	2456.2	2273.3	2124.5	1904.6	1639.7	1388.2	1152.1	931.4	738.9	572.6
55°	2834.8	2624.0	2430.3	2274.7	2075.3	1795.3	1535.4	1282.4	1046.4	830.0	633.4
52.5°	2994.8	2765.6	2567.3	2417.1	2226.9	1949.3	1678.0	1414.6	1158.9	917.5	706.8
50°	3139.6	2893.8	2689.9	2533.8	2369.4	2092.6	1815.8	1542.7	1269.0	1011.7	778.6
47.5°	3281.0	3024.0	2806.2	2639.3	2486.1	2222.7	1947.6	1668.5	1382.1	1101.2	846.8
45°	3412.0	3155.1	2920.8	2743.7	2596.8	2342.9	2066.9	1792.8	1492.9	1187.2	916.6
42.5°	3547.1	3283.3	3031.8	2842.4	2698.0	2463.7	2192.0	1914.6	1606.0	1284.2	987.7
40°	3736.1	3414.6	3137.7	2944.7	2809.0	2574.1	2312.4	2038.1	1721.8	1377.4	1054.1
37.5°	3951.5	3556.7	3231.5	3050.7	2908.9	2686.9	2424.9	2159.5	1831.9	1466.7	1115.8
35°	4202.0	3680.8	3343.2	3149.1	3017.8	2787.7	2524.2	2267.9	1933.7	1547.4	1178.9
32.5°	4441.5	3857.0	3473.3	3263.7	3103.3	2873.5	2606.3	2345.6	2027.3	1625.0	1241.3
30°	4682.9	4029.7	3605.0	3369.2	3201.4	2952.2	2678.2	2416.1	2107.4	1695.8	1297.8
27.5°	4975.0	4253.2	3766.1	3496.5	3292.3	3028.8	2745.6	2478.9	2183.7	1758.8	1348.0
25°	5252.9	4464.3	3936.4	3639.6	3389.0	3113.9	2813.2	2534.9	2239.3	1813.6	1391.9
22.5°	5490.6	4673.7	4109.9	3797.0	3501.4	3200.2	2888.0	2589.2	2277.1	1861.9	1438.8
20°	5692.0	4864.8	4279.4	3931.5	3622.6	3295.1	2960.8	2647.6	2315.8	1910.5	1484.7
17.5°	5897.7	5014.8	4408.7	4032.7	3714.5	3384.8	3034.6	2706.9	2361.2	1961.1	1524.9
15°	6124.6	5186.1	4499.5	4096.7	3784.5	3458.1	3102.3	2767.6	2413.8	2005.7	1562.3
12.5°	6357.2	5358.5	4614.2	4169.3	3840.8	3523.4	3155.6	2822.6	2462.4	2048.6	1598.0
10°	6578.3	5534.3	4726.2	4270.7	3940.9	3579.6	3197.6	2866.8	2501.9	2088.4	1628.1
7.5°	6760.9	5683.1	4857.0	4404.8	4045.1	3619.4	3226.5	2897.9	2533.6	2121.1	1649.3
5°	6813.1	5745.9	4903.2	4448.1	4070.5	3638.2	3246.3	2917.1	2545.1	2125.5	1650.4
2.5°	6713.7	5681.2	4848.3	4395.8	4014.7	3618.1	3232.3	2902.2	2531.2	2115.1	1644.9
0°	6500.3	5500.9	4685.9	4237.7	3893.2	3576.9	3208.7	2880.6	2510.2	2097.0	1633.3
-2.5°	6279.1	5319.4	4576.6	4157.8	3831.9	3538.3	3164.5	2833.8	2466.5	2062.8	1607.1
-5°	6059.1	5155.2	4481.9	4089.9	3772.3	3486.9	3111.8	2779.9	2415.9	2021.4	1575.2
-7.5°	5846.9	4991.9	4382.7	4024.6	3717.4	3417.3	3041.8	2718.0	2366.7	1977.0	1537.7
-10°	5624.9	4820.7	4259.1	3918.1	3627.2	3333.5	2965.5	2650.5	2318.2	1937.6	1502.3
-12.5°	5400.6	4628.3	4093.0	3776.0	3524.9	3239.2	2895.2	2588.7	2265.8	1890.8	1463.2
-15°	5145.1	4394.1	3901.7	3623.0	3413.3	3149.3	2822.1	2527.1	2212.2	1838.7	1418.8
-17.5°	4853.9	4172.0	3735.5	3485.1	3316.9	3063.6	2761.5	2465.7	2153.9	1783.1	1373.4
-20°	4597.6	3992.5	3586.7	3361.5	3234.9	2994.0	2697.1	2406.2	2094.7	1722.1	1326.3



REPORT NUMBER: P902127 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S4

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	4365.6	3816.0	3448.0	3238.3	3135.4	2923.3	2630.0	2340.5	2032.2	1656.1	1274.1
-25°	4140.4	3667.7	3327.9	3135.9	3036.8	2831.7	2552.4	2262.8	1963.8	1585.0	1220.5
-27.5°	3943.9	3537.7	3220.7	3024.8	2943.2	2731.7	2451.0	2176.3	1872.4	1511.5	1163.4
-30°	3731.7	3405.2	3118.2	2921.9	2846.2	2620.0	2338.1	2069.7	1766.5	1430.1	1102.2
-32.5°	3579.6	3280.2	3020.8	2842.2	2728.0	2499.9	2225.9	1956.5	1657.5	1342.3	1037.1
-35°	3446.6	3165.1	2918.0	2752.3	2630.1	2391.7	2112.1	1840.7	1552.0	1253.2	969.4
-37.5°	3356.2	3062.5	2830.4	2669.7	2526.3	2284.5	1998.0	1734.7	1450.2	1167.6	905.3
-40°	3249.8	2968.6	2748.2	2589.5	2435.1	2173.4	1897.2	1622.6	1350.0	1087.8	844.6
-42.5°	3128.8	2881.4	2662.7	2496.5	2324.0	2062.6	1786.6	1505.7	1247.9	1004.2	780.9
-45°	3017.2	2779.8	2568.5	2398.1	2207.5	1933.8	1653.9	1388.1	1144.1	917.1	714.3
-47.5°	2850.1	2642.8	2447.4	2270.2	2061.8	1787.1	1511.7	1265.1	1041.7	837.5	650.4
-50°	2638.5	2459.4	2286.7	2124.2	1903.4	1628.9	1372.6	1141.0	937.4	756.5	591.5
-52.5°	2406.4	2252.1	2103.0	1956.8	1749.2	1477.4	1234.8	1027.8	843.9	674.6	532.7
-55°	2185.7	2046.0	1915.3	1787.7	1592.8	1347.1	1118.5	916.6	754.7	610.7	475.3
-57.5°	1947.9	1843.7	1708.7	1602.5	1411.5	1205.2	1001.9	820.2	667.3	547.1	428.4
-60°	1673.6	1580.0	1479.0	1372.1	1218.8	1049.5	879.7	719.7	589.0	484.2	379.6
-62.5°	1415.7	1332.2	1251.0	1155.6	1020.9	888.8	746.3	617.8	506.3	420.3	328.8
-65°	1191.7	1110.9	1045.8	953.0	842.0	728.1	619.4	510.6	430.8	355.3	285.7
-67.5°	983.9	912.5	859.2	781.1	679.8	593.0	498.0	424.3	357.8	299.0	241.7
-70°	792.4	737.4	688.7	626.2	544.3	469.2	412.1	347.7	294.7	248.5	198.5
-72.5°	621.6	589.8	555.5	488.9	432.3	385.5	333.7	284.6	240.7	199.3	164.2
-75°	478.5	463.8	435.1	383.5	338.9	307.3	269.8	226.8	190.5	160.7	129.4
-77.5°	367.1	348.2	326.6	293.0	263.8	235.9	206.8	175.5	147.4	121.8	98.4
-80°	268.4	255.5	237.9	214.1	192.5	171.7	149.9	126.0	106.0	90.2	74.3
-82.5°	177.4	168.8	157.1	140.6	124.7	111.3	98.6	85.1	72.5	61.1	50.1
-85°	96.5	91.9	84.6	76.0	68.7	60.5	53.9	46.0	40.0	35.8	31.5
-87.5°	33.9	32.2	29.1	27.4	26.9	25.1	24.2	22.1	20.0	17.9	15.7
-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: P902127 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	15.9	13.3	10.3	7.4	5.0	2.5	0.0
85°	31.7	26.5	20.5	14.8	9.9	5.0	0.0
82.5°	47.5	39.7	30.7	22.2	14.8	7.4	0.0
80°	72.7	55.3	40.8	29.5	19.7	9.9	0.0
77.5°	98.8	76.8	53.1	36.8	24.6	12.3	0.0
75°	124.6	98.1	69.4	44.0	29.4	14.7	0.0
72.5°	161.4	119.0	85.4	54.5	34.2	17.1	0.0
70°	201.4	144.6	101.0	65.7	38.9	19.4	0.0
67.5°	240.3	175.2	116.1	76.6	43.5	21.7	0.0
65°	284.1	204.9	135.1	87.2	49.3	23.9	0.0
62.5°	333.2	233.6	157.3	97.6	56.0	26.1	0.0
60°	380.3	265.8	178.8	107.7	62.5	28.3	0.0
57.5°	425.3	302.3	199.7	117.8	68.8	30.4	0.0
55°	477.0	337.4	219.7	132.8	74.9	32.4	0.0
52.5°	526.8	371.0	240.4	147.1	80.7	34.3	0.0
50°	574.4	403.6	266.3	160.9	86.4	36.2	0.0
47.5°	621.5	441.9	291.0	173.9	91.8	38.0	0.0
45°	676.3	478.6	314.7	186.4	96.9	39.7	0.0
42.5°	728.1	513.5	337.1	198.1	101.8	41.4	0.0
40°	777.1	546.7	358.2	209.2	106.3	42.9	0.0
37.5°	823.5	578.0	378.0	219.6	110.6	44.4	0.0
35°	870.8	612.0	400.0	232.5	116.5	46.3	0.0
32.5°	916.8	646.1	422.1	245.8	122.7	48.1	0.0
30°	958.7	677.8	442.6	258.0	128.4	49.9	0.0
27.5°	998.8	706.9	461.7	269.3	133.5	51.4	0.0
25°	1035.8	733.5	479.0	279.5	138.1	52.9	0.0
22.5°	1069.0	757.5	494.5	288.7	142.3	54.2	0.0
20°	1100.1	779.1	508.2	296.8	145.9	55.3	0.0
17.5°	1132.1	798.0	519.9	303.7	149.1	56.3	0.0
15°	1161.0	815.5	529.8	309.5	151.8	57.2	0.0
12.5°	1185.8	831.5	537.4	314.2	154.0	57.9	0.0
10°	1206.4	842.8	542.9	317.9	155.7	58.5	0.0
7.5°	1216.1	849.4	546.5	320.4	156.9	58.9	0.0
5°	1218.7	852.5	548.2	321.7	157.6	59.1	0.0
2.5°	1216.5	852.3	548.1	322.1	157.8	59.2	0.0
0°	1209.6	848.7	546.1	321.3	157.5	59.2	0.0
-2.5°	1191.9	838.2	540.7	318.4	156.6	59.1	0.0
-5°	1169.9	824.6	533.6	314.5	155.2	58.8	0.0
-7.5°	1143.6	808.0	524.7	309.6	153.4	58.4	0.0
-10°	1114.7	788.5	514.1	303.7	151.1	57.9	0.0
-12.5°	1085.8	767.5	501.9	296.9	148.3	57.2	0.0
-15°	1053.1	745.1	488.4	289.2	145.1	56.3	0.0
-17.5°	1016.6	721.5	474.2	280.6	141.5	55.4	0.0
-20°	978.1	696.6	458.4	271.4	137.5	54.3	0.0



REPORT NUMBER: P902127 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S4

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	942.0	669.7	441.3	262.0	133.1	53.1	0.0
-25°	904.3	641.3	422.9	251.8	128.4	51.7	0.0
-27.5°	863.1	611.1	403.2	240.8	123.2	50.2	0.0
-30°	818.7	578.9	382.4	229.1	117.8	48.7	0.0
-32.5°	772.2	544.7	361.4	216.8	112.1	46.9	0.0
-35°	723.5	508.7	339.4	203.8	106.1	45.1	0.0
-37.5°	675.3	474.5	318.1	191.3	100.5	43.3	0.0
-40°	629.4	445.3	299.6	181.2	96.4	41.8	0.0
-42.5°	582.0	414.9	280.4	170.8	92.2	40.3	0.0
-45°	533.1	383.3	260.5	160.4	87.7	38.6	0.0
-47.5°	482.6	350.7	240.0	149.5	83.1	36.9	0.0
-50°	442.2	317.1	219.1	138.2	78.4	35.1	0.0
-52.5°	403.2	290.6	197.6	126.5	73.5	33.2	0.0
-55°	363.9	264.5	180.7	114.4	68.4	31.3	0.0
-57.5°	324.1	237.6	164.5	102.1	63.2	29.3	0.0
-60°	290.1	209.7	147.9	93.6	57.9	27.3	0.0
-62.5°	254.9	185.2	130.9	85.3	52.4	25.2	0.0
-65°	218.6	163.5	113.6	76.7	46.8	23.1	0.0
-67.5°	186.3	141.1	98.7	67.8	41.8	20.9	0.0
-70°	157.6	118.1	86.4	58.8	37.3	18.7	0.0
-72.5°	128.2	98.5	73.9	49.6	32.8	16.4	0.0
-75°	100.9	82.1	61.2	40.7	28.2	14.1	0.0
-77.5°	80.7	65.4	48.3	34.0	23.6	11.8	0.0
-80°	60.4	48.6	37.7	27.3	18.9	9.5	0.0
-82.5°	40.6	35.4	28.3	20.5	14.2	7.1	0.0
-85°	27.1	23.6	18.9	13.7	9.5	4.8	0.0
-87.5°	13.6	11.8	9.5	6.8	4.8	2.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)