

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: P902111 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-AV-03-1360S-57-85-A65-NWB-LT**

Issue Date: 11/14/2024

Test Information

Test Method: LM-79-08
Report Number: P902111 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (LVM2J44000)
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-A65-NWB-LT
Description: ARENAVISION LUMINAIRE
5700K, 85 CRI LEDS AND A65-NWB-LT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

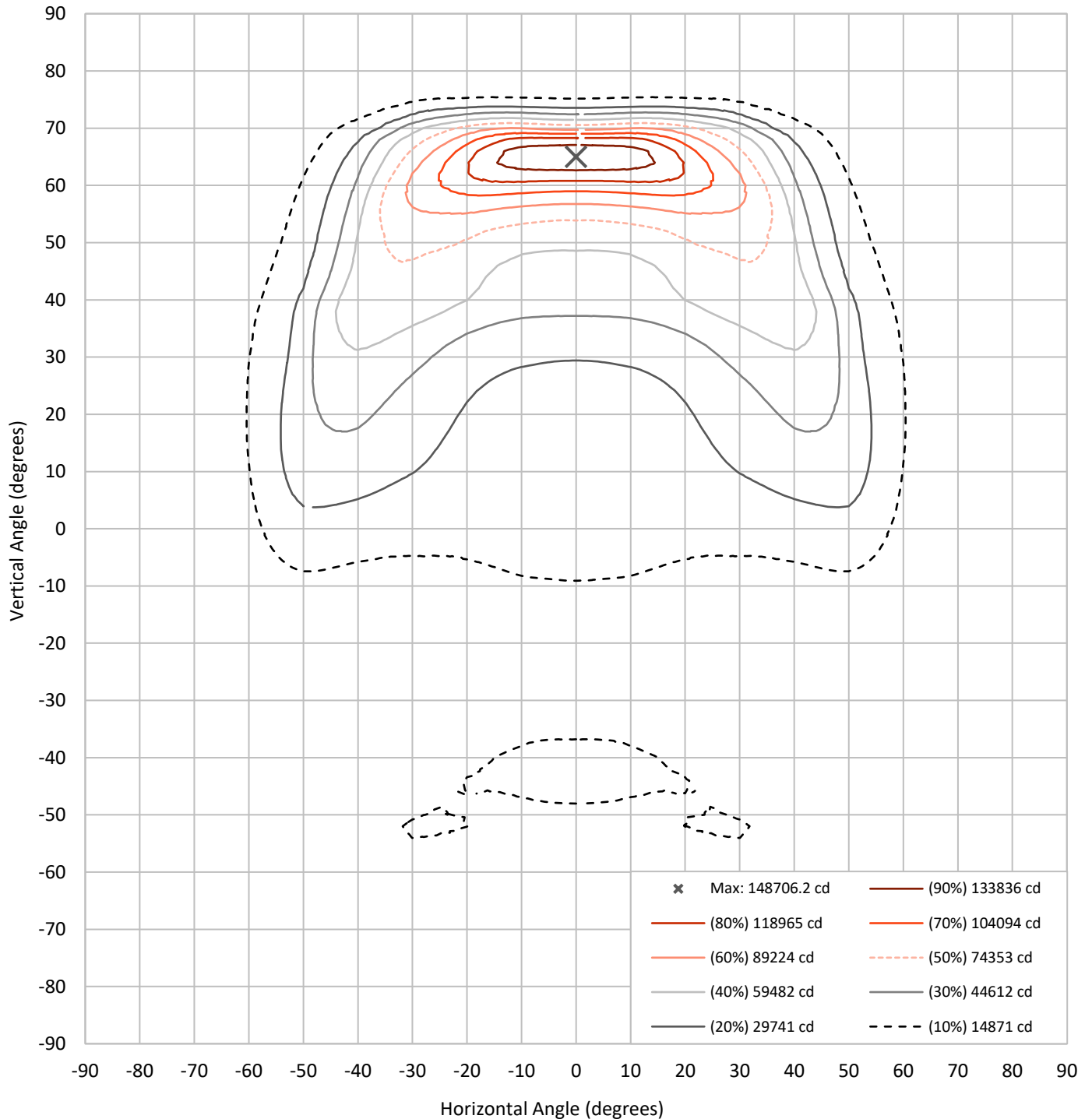
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	131764.2 lumens	Max Intensity:	148706.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 65°V
Efficacy:	93.3 lumens/watt		
Luminous Opening:	Rectangular (W 2m x L: 2m x H: 0m)		

Beam Angle (50%):	62.8°H x 16.7°V	Field Angle (10%):	96.2°H x 83.8°V
Beam Lumens:	36161.5 lumens	Field Lumens:	110708.4 lumens
Beam Efficiency:	27.4%	Field Efficiency:	84.0%

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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Iso-Candela Plot





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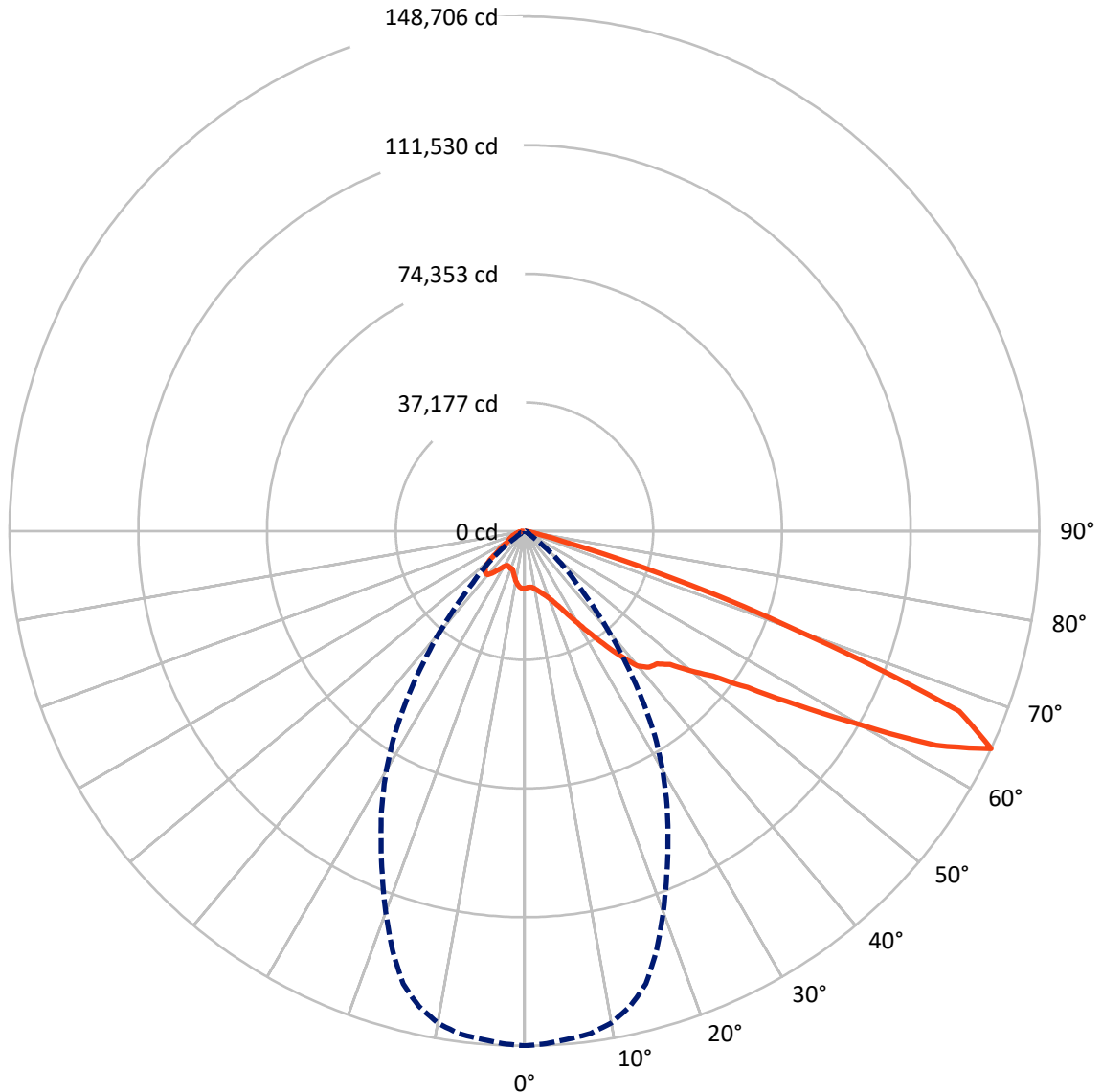
Lumen Table

90																									
80	1.9	26.1	421.9	1451.6	1622.2	1451.6	421.9	26.1	1.9																
70																									
60	7.9	12.2	82.6	484.5	1443.5	2584.2	3546.9	3898.6	3898.6											3546.9	2584.2	1443.5	484.5	82.6	12.2
		21.9	188.4	768.3	1859.5	2450.0	2561.5	2505.0	2505.0											2561.5	2450.0	1859.5	768.3	188.4	21.9
40	15.7	39.4	305.7	988.9	1797.5	1925.2	1766.7	1685.7	1685.7											1766.7	1925.2	1797.5	988.9	305.7	39.4
		68.9	416.7	1158.2	1577.0	1462.2	1283.4	1224.4	1224.4											1283.4	1462.2	1577.0	1158.2	416.7	68.9
20	20.4	93.5	469.6	1051.7	1186.9	1029.3	850.5	768.5	768.5											850.5	1029.3	1186.9	1051.7	469.6	93.5
		100.7	480.8	895.0	951.8	823.5	657.3	571.5	571.5											657.3	823.5	951.8	895.0	480.8	100.7
0	21.3	88.3	404.5	659.1	669.7	608.4	533.6	504.2	504.2											533.6	608.4	669.7	659.1	404.5	88.3
		68.8	249.9	370.3	378.3	410.1	450.5	480.7	480.7											450.5	410.1	378.3	370.3	249.9	68.8
-20	18.6	58.6	152.2	206.9	237.1	292.9	349.2	377.5	377.5											349.2	292.9	237.1	206.9	152.2	58.6
		47.4	123.5	172.7	235.5	297.7	325.6	338.1	338.1											325.6	297.7	235.5	172.7	123.5	47.4
-40	13.3	34.6	117.4	178.3	260.0	338.2	393.6	421.6	421.6											393.6	338.2	260.0	178.3	117.4	34.6
		23.4	95.0	185.2	296.0	396.6	437.4	469.8	469.8											437.4	396.6	296.0	185.2	95.0	23.4
-60	7.2	15.4	50.1	143.7	296.5	333.7	276.6	253.4	253.4											276.6	333.7	296.5	143.7	50.1	15.4
		9.3	22.4	49.6	116.2	115.5	121.1	129.6	129.6											121.1	115.5	116.2	49.6	22.4	9.3
-80	2.3	22.0	78.4	158.4	190.6	158.4	78.4	22.0	2.3																
-90																									

Horizontal Angle (degrees)

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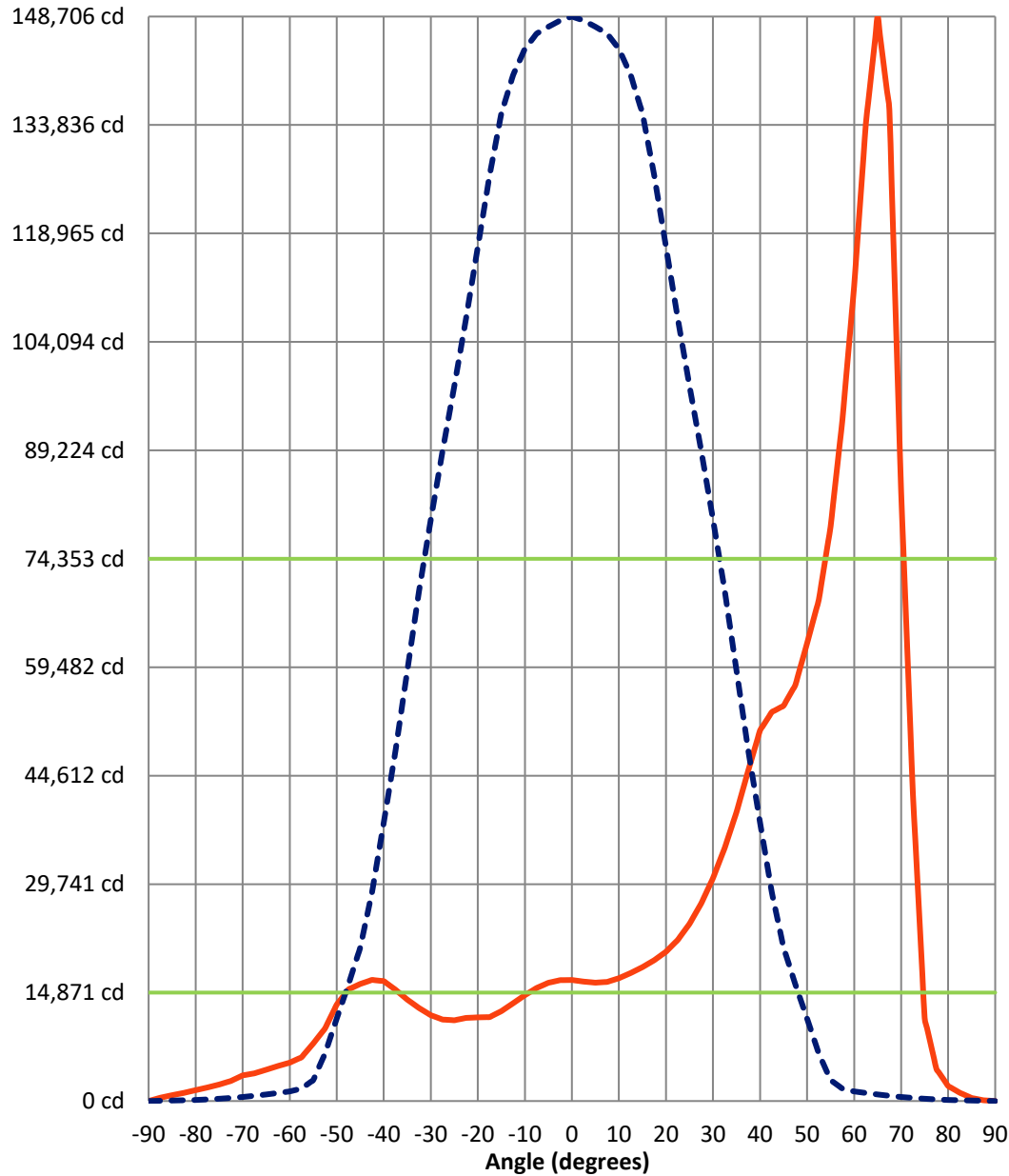
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 65-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 62.8°
 V Angle: 16.7°
 Lumens: 36161.5
 Efficiency: 27.4%

Field:
 H Angle: 96.2°
 V Angle: 83.8°
 Lumens: 110708.4
 Efficiency: 84.0%

Spill:
 Lumens: 21055.8
 Efficiency: 16.0%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 65-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	3.8	7.5	11.3	15.0	19.2	23.0	26.7	31.1	35.7	39.4
85°	0.0	7.5	15.1	22.6	30.0	38.4	45.9	53.3	62.1	71.2	80.0
82.5°	0.0	11.3	22.6	33.8	44.9	57.4	68.7	81.2	99.9	116.2	131.6
80°	0.0	15.0	30.0	44.9	59.8	76.8	93.5	111.5	140.4	161.9	189.6
77.5°	0.0	18.7	37.4	56.0	74.2	97.1	118.4	141.4	186.9	228.5	273.4
75°	0.0	22.4	44.7	67.0	88.1	116.8	143.1	189.6	250.7	299.9	369.2
72.5°	0.0	26.0	52.0	77.3	101.7	135.9	182.7	246.9	314.5	394.1	498.3
70°	0.0	29.6	59.1	87.2	115.2	161.3	226.4	302.2	395.2	497.2	628.2
67.5°	0.0	33.1	66.1	96.9	128.5	193.5	268.7	365.1	474.9	605.3	766.3
65°	0.0	36.5	72.5	106.4	147.7	224.6	314.7	427.6	557.7	719.3	903.5
62.5°	0.0	39.9	78.3	115.5	171.9	254.7	364.5	487.9	646.5	831.8	1048.4
60°	0.0	43.2	84.0	124.3	195.3	287.8	412.0	560.6	729.9	954.9	1196.1
57.5°	0.0	46.5	89.5	133.4	217.9	324.8	457.1	630.7	832.6	1074.4	1370.9
55°	0.0	49.6	94.9	148.4	239.6	360.6	511.2	696.4	934.5	1217.3	1546.8
52.5°	0.0	52.6	100.1	162.6	261.5	394.9	564.6	774.4	1030.1	1350.9	1723.0
50°	0.0	55.6	105.0	176.1	286.9	427.7	616.5	850.5	1138.9	1474.2	1878.7
47.5°	0.0	58.4	109.8	188.7	310.4	469.5	669.0	922.7	1241.8	1607.2	2060.7
45°	0.0	61.2	114.4	200.5	332.0	509.2	730.2	998.7	1339.0	1729.4	2237.8
42.5°	0.0	63.8	118.7	211.5	352.3	547.0	787.2	1079.2	1438.3	1853.4	2447.8
40°	0.0	66.3	122.9	221.6	371.1	582.5	837.8	1151.8	1529.6	1969.8	2795.0
37.5°	0.0	68.6	126.8	230.9	388.6	615.8	880.5	1216.2	1612.6	2072.7	3018.7
35°	0.0	70.6	132.1	242.1	409.0	645.3	923.3	1274.8	1683.0	2195.0	3387.7
32.5°	0.0	72.4	137.7	253.2	428.9	670.5	964.8	1325.6	1749.7	2319.6	4061.8
30°	0.0	74.0	142.7	263.2	446.1	692.6	1001.3	1367.5	1809.0	2421.3	4508.9
27.5°	0.0	75.5	147.4	272.0	461.0	711.6	1030.9	1401.2	1857.5	2491.3	4798.7
25°	0.0	76.9	151.6	279.6	473.9	727.4	1054.3	1426.8	1897.0	2698.4	5561.1
22.5°	0.0	78.2	155.3	286.1	484.9	740.9	1071.7	1450.7	1950.6	2956.5	6133.4
20°	0.0	79.4	158.6	291.4	493.8	752.6	1084.2	1475.2	1999.7	3139.1	6562.2
17.5°	0.0	80.4	161.4	296.7	500.8	761.1	1097.3	1493.7	2041.1	3252.6	6769.1
15°	0.0	81.3	163.7	301.4	505.9	768.1	1108.6	1511.9	2069.9	3304.8	6804.3
12.5°	0.0	82.0	165.6	305.1	510.2	773.9	1115.8	1532.2	2097.0	3300.3	6734.8
10°	0.0	82.6	167.0	307.8	513.0	780.7	1118.7	1547.0	2120.9	3356.2	6575.3
7.5°	0.0	83.1	168.0	309.5	513.9	787.8	1122.3	1555.5	2133.7	3368.4	6358.6
5°	0.0	83.5	168.5	310.3	513.0	791.5	1123.0	1554.4	2124.0	3335.9	6056.9
2.5°	0.0	83.7	168.6	310.1	510.3	792.1	1119.3	1546.2	2099.9	3287.9	5782.5
0°	0.0	83.8	168.4	309.0	506.0	789.6	1111.3	1531.3	2066.0	3192.4	5438.2
-2.5°	0.0	83.7	168.7	309.2	505.9	788.0	1111.7	1528.4	2055.1	3104.9	5230.8
-5°	0.0	83.5	168.7	308.5	504.2	783.4	1108.0	1519.3	2035.7	2984.1	4981.5
-7.5°	0.0	83.2	168.2	307.0	500.9	775.7	1100.0	1504.4	2008.4	2879.0	4796.0
-10°	0.0	82.7	167.3	304.5	496.0	765.0	1087.4	1481.6	1973.3	2781.4	4591.4
-12.5°	0.0	82.1	166.0	301.1	489.6	751.8	1070.2	1453.1	1930.3	2684.1	4417.8
-15°	0.0	81.4	164.3	296.9	482.2	736.5	1049.0	1419.8	1881.3	2625.5	4227.3
-17.5°	0.0	80.5	162.1	292.0	474.5	719.9	1023.6	1382.4	1826.9	2543.8	4006.4
-20°	0.0	79.5	159.4	286.4	465.4	702.5	994.4	1340.8	1764.4	2432.7	3746.9



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	78.3	156.3	280.5	454.7	683.1	964.3	1294.5	1696.9	2297.5	3466.6
-25°	0.0	77.0	152.7	273.8	442.5	662.9	932.8	1248.5	1625.7	2142.7	3175.3
-27.5°	0.0	75.6	148.7	266.2	428.9	641.5	898.7	1205.1	1563.1	2010.1	2848.5
-30°	0.0	74.1	144.2	257.8	413.8	618.2	862.9	1158.0	1497.6	1918.9	2663.4
-32.5°	0.0	72.4	140.2	248.4	397.2	593.2	826.7	1107.2	1427.7	1814.9	2462.2
-35°	0.0	70.6	135.9	238.3	378.7	566.7	787.2	1053.7	1354.2	1708.1	2228.8
-37.5°	0.0	68.6	131.7	228.4	360.2	539.6	748.0	1001.3	1283.4	1611.0	2072.9
-40°	0.0	66.3	128.5	220.7	344.3	512.9	711.4	948.3	1217.5	1520.8	1938.8
-42.5°	0.0	63.8	124.9	212.6	327.6	484.3	671.5	890.5	1148.3	1421.8	1775.1
-45°	0.0	61.2	121.0	204.0	310.0	454.0	627.6	828.3	1076.1	1324.4	1630.3
-47.5°	0.0	58.4	116.6	195.0	291.5	421.9	580.5	769.2	1002.4	1236.3	1490.9
-50°	0.0	55.6	112.0	185.6	273.2	388.3	539.1	710.5	923.3	1142.9	1355.5
-52.5°	0.0	52.6	107.0	175.9	254.7	365.4	499.0	646.6	841.5	1046.2	1246.1
-55°	0.0	49.6	101.7	165.8	240.3	341.6	458.9	580.1	764.8	949.6	1130.1
-57.5°	0.0	46.5	96.0	155.3	225.9	316.3	417.0	529.4	686.5	853.1	1019.8
-60°	0.0	43.2	90.1	145.5	210.3	289.5	381.6	478.4	610.1	762.9	904.8
-62.5°	0.0	39.9	83.9	135.2	193.5	264.3	345.7	425.2	543.1	670.9	801.3
-65°	0.0	36.5	77.4	124.4	175.5	240.9	309.5	384.3	473.4	587.6	702.0
-67.5°	0.0	33.1	70.5	113.1	158.9	217.1	276.3	341.8	413.5	506.0	609.8
-70°	0.0	29.6	63.2	101.4	144.7	192.8	245.2	298.8	358.9	432.5	519.7
-72.5°	0.0	26.0	55.6	89.4	130.5	170.4	213.1	261.5	303.7	365.0	441.0
-75°	0.0	22.4	48.0	77.0	116.3	149.4	181.5	223.9	261.0	302.9	367.8
-77.5°	0.0	18.7	40.2	64.5	102.0	127.5	153.7	186.7	217.8	253.7	305.6
-80°	0.0	15.0	32.3	51.9	84.0	104.9	125.6	150.1	177.4	204.4	246.1
-82.5°	0.0	11.3	24.3	39.0	63.4	79.6	96.8	112.7	138.2	158.5	186.0
-85°	0.0	7.5	16.2	26.1	42.5	53.1	64.7	75.2	96.1	111.2	124.8
-87.5°	0.0	3.8	8.1	13.1	21.3	26.6	32.4	37.6	48.2	55.7	62.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	43.0	46.6	51.4	56.1	58.2	61.5	66.1	70.8	73.8	76.7	79.4
85°	90.2	100.8	116.7	130.2	137.3	148.1	162.0	178.8	186.0	199.7	215.7
82.5°	148.6	166.3	195.3	223.8	247.8	278.5	318.2	358.9	419.7	491.9	537.8
80°	227.5	263.0	305.0	347.8	396.3	462.0	570.7	716.5	875.6	1022.4	1131.3
77.5°	324.1	378.1	446.3	517.5	597.2	698.0	1018.2	1435.3	1808.8	2215.6	2786.9
75°	461.0	542.4	618.1	743.9	902.4	1193.5	1882.1	3169.1	4337.1	5729.2	7297.5
72.5°	609.0	724.3	864.6	1038.2	1566.2	2808.9	4666.5	6917.7	9505.1	12091.9	14241.7
70°	774.6	915.7	1128.1	1579.8	2627.1	5390.8	9227.3	13052.1	16305.8	20190.9	25306.9
67.5°	938.7	1118.6	1384.5	2225.7	4362.2	8469.1	13086.0	17447.2	22556.8	30366.7	41536.9
65°	1104.2	1322.0	1708.4	2873.5	6507.4	11310.3	16008.9	21057.1	28630.8	38192.6	48063.5
62.5°	1273.5	1560.5	2209.2	4578.8	8932.8	13867.8	18683.9	25378.9	34212.3	42866.3	53700.8
60°	1468.2	1869.9	2949.7	6369.1	11395.0	16093.5	21583.2	29114.9	37021.3	47002.3	60311.7
57.5°	1676.9	2215.3	4221.4	8416.8	13084.6	17903.4	24679.3	31987.6	39973.5	51827.7	65872.8
55°	1894.9	2815.4	5452.3	9980.5	14659.1	20450.0	26970.2	33562.3	43266.7	56506.2	68727.8
52.5°	2148.7	3415.8	6984.4	11436.0	16208.4	22615.2	28526.6	35331.6	46166.3	58695.3	69199.7
50°	2491.1	4519.0	8360.5	12663.9	18753.2	24686.3	29642.2	37792.1	49440.8	61130.3	69637.2
47.5°	2863.9	5571.6	9610.0	14880.0	21264.3	25742.6	31704.7	40903.2	52498.2	62587.4	69641.8
45°	3573.7	6734.6	11224.4	17375.5	22466.5	27189.7	33935.7	43884.0	55295.8	64129.2	69657.3
42.5°	4110.6	8033.0	13396.7	19192.9	24054.5	29081.4	37180.3	48709.2	59387.0	67133.4	72037.5
40°	5223.0	9684.6	15434.9	21287.6	25944.4	32372.6	42114.3	53658.0	63812.8	70836.9	73865.3
37.5°	6303.9	11448.3	17291.4	22544.8	27880.4	35169.3	45609.9	56969.0	64894.0	69254.6	70869.1
35°	7287.4	12859.6	18554.6	23092.6	28653.4	36638.6	46734.3	56156.6	62174.0	65134.3	65370.5
32.5°	8420.5	13827.3	18742.5	23426.7	29383.6	37497.2	46949.9	54859.8	59289.1	61087.2	60481.2
30°	9418.9	14665.3	18918.9	23970.6	30390.9	38375.3	47402.0	53847.7	57128.3	57952.4	56701.8
27.5°	10216.8	15150.2	19498.9	25019.2	31544.4	39298.6	47093.3	52350.5	54675.9	54818.7	53212.6
25°	10717.1	15379.8	20121.3	26052.5	32601.3	39867.7	46696.2	50725.6	52261.8	51887.5	50021.3
22.5°	11065.4	15527.9	20530.5	26945.4	33352.1	39892.3	45523.9	48680.0	49775.0	49186.8	47327.4
20°	11241.4	15573.4	20921.9	27477.3	33709.9	39605.2	44256.3	46807.5	47594.5	46913.0	45003.0
17.5°	11250.2	15622.8	21189.6	27771.8	33802.0	39107.1	42992.0	44825.7	45261.4	44540.4	42811.0
15°	11090.1	15451.4	21188.9	27824.2	33619.7	38151.9	41212.6	42650.3	42883.3	42086.5	40509.4
12.5°	10820.0	15086.4	20872.2	27490.2	32922.9	36915.4	39299.3	40328.2	40318.3	39416.1	37893.3
10°	10431.2	14526.6	20218.4	26694.8	31891.6	35354.7	37097.1	37646.4	37316.9	36384.0	34964.9
7.5°	9943.8	13809.2	19320.9	25516.3	30357.4	33374.6	34496.5	34585.6	34043.9	33065.4	31756.2
5°	9351.1	12949.7	18116.2	23887.8	28381.1	30958.1	31470.7	31206.4	30499.7	29488.3	28287.7
2.5°	8709.0	11941.6	16606.0	21879.1	25948.7	28108.3	28167.8	27582.3	26735.4	25733.3	24677.5
0°	7987.0	10823.5	14844.1	19494.5	23049.9	24819.7	24646.8	23820.4	22897.1	21967.3	21113.6
-2.5°	7473.3	9744.2	13040.4	16870.8	19810.2	21290.6	21098.5	20311.0	19458.9	18636.2	17963.0
-5°	6948.8	8741.1	11338.5	14361.6	16655.5	17820.4	17739.8	17045.4	16306.2	15673.7	15200.7
-7.5°	6664.9	8038.5	9859.5	12087.0	13834.8	14726.3	14720.4	14117.3	13547.4	13055.9	12738.2
-10°	6395.2	7563.5	8896.8	10466.7	11561.7	12250.9	12292.8	11821.9	11406.7	11024.7	10823.0
-12.5°	6291.4	7305.0	8223.5	9333.0	10115.5	10506.0	10623.1	10310.6	9984.5	9683.9	9612.1
-15°	6179.9	7224.2	7914.5	8578.1	9207.0	9486.1	9596.6	9386.8	9132.4	8900.5	8954.8
-17.5°	6013.3	7197.8	7648.0	8149.5	8577.7	8832.2	8965.6	8867.1	8722.9	8651.8	8864.8
-20°	5693.7	6987.5	7358.4	7652.2	7947.5	8206.0	8367.4	8430.3	8444.2	8538.4	8972.4



REPORT NUMBER: P902111 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	5238.3	6595.7	7078.9	7137.3	7395.9	7616.5	7865.3	8058.0	8160.9	8393.7	8942.3
-25°	4797.3	6320.6	6896.8	6994.9	7058.0	7282.4	7605.9	7926.8	8148.6	8438.1	9116.1
-27.5°	4432.3	6078.5	6933.3	6998.7	6983.4	7178.7	7517.1	7933.1	8303.4	8636.3	9231.6
-30°	4066.5	5745.8	6879.3	7074.3	7020.0	7177.2	7562.4	8056.1	8522.2	8883.1	9452.4
-32.5°	3670.0	5273.5	6604.5	7130.8	7154.0	7253.9	7608.6	8129.9	8703.6	9123.1	9683.9
-35°	3243.1	4827.2	6354.4	7231.7	7335.5	7362.8	7666.3	8185.3	8825.2	9352.6	9845.8
-37.5°	2927.2	4373.0	5913.2	6983.8	7462.1	7580.5	7791.1	8231.4	8886.3	9512.9	10038.2
-40°	2645.0	3854.8	5443.5	6702.0	7485.9	7738.6	7957.4	8328.7	8895.4	9645.8	10296.5
-42.5°	2320.6	3373.8	4850.7	6155.9	7119.2	7796.5	8082.3	8416.0	8993.7	9856.9	10751.4
-45°	2093.7	2924.4	4199.7	5572.0	6669.2	7523.1	8094.7	8459.3	8997.5	9811.4	10844.5
-47.5°	1848.3	2485.1	3599.2	4801.2	6105.7	7137.3	7994.4	8644.3	9162.4	9955.5	10903.1
-50°	1676.2	2221.7	2994.9	4009.5	5182.1	6559.2	7772.7	8777.6	9757.7	10559.1	11646.9
-52.5°	1509.6	1957.8	2610.4	3373.2	4085.6	5313.7	6863.0	8442.2	9923.7	11343.6	12550.9
-55°	1358.7	1710.4	2232.4	2796.8	3279.5	3833.4	5020.1	6761.7	8607.1	10318.5	11717.9
-57.5°	1201.1	1448.5	1804.5	2145.2	2540.9	2921.8	3466.6	4449.0	6373.8	8289.8	9731.4
-60°	1059.1	1246.1	1451.4	1720.7	1955.6	2297.2	2679.0	3269.4	4403.3	6279.7	8134.1
-62.5°	935.2	1079.8	1244.7	1426.0	1631.9	1869.8	2155.2	2536.4	3001.6	4252.3	5989.6
-65°	821.5	936.8	1077.2	1231.4	1413.0	1598.6	1830.5	2086.2	2371.9	2862.6	3695.8
-67.5°	709.9	813.1	926.5	1066.2	1221.4	1375.0	1551.4	1751.2	1969.0	2200.0	2467.8
-70°	609.0	694.1	798.2	913.3	1030.3	1161.6	1301.0	1454.3	1629.4	1791.5	1965.3
-72.5°	510.3	593.4	680.6	772.6	870.1	973.6	1080.6	1200.3	1334.0	1466.1	1597.9
-75°	431.5	501.0	569.3	648.0	725.6	811.3	897.6	988.7	1088.1	1189.7	1300.1
-77.5°	354.3	416.7	472.1	533.5	596.5	660.8	733.3	810.0	889.5	970.1	1060.6
-80°	283.9	333.1	375.4	426.1	482.4	529.1	587.2	650.8	717.8	777.8	848.4
-82.5°	212.2	247.5	280.7	323.4	363.6	401.3	447.3	498.5	546.8	582.4	638.8
-85°	139.5	159.3	195.5	220.9	249.9	274.9	307.8	345.1	373.6	404.2	451.7
-87.5°	69.3	77.3	102.5	113.5	132.8	143.3	164.3	180.1	197.8	210.9	243.4
-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):

	-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°	80.0	87.1	93.6	99.5	103.3	105.9	108.3	107.8	114.6	116.2	118.5
85°	235.7	276.9	324.2	362.8	393.6	419.5	432.9	447.1	472.2	479.0	479.8
82.5°	592.3	674.4	808.9	942.4	1042.3	1113.2	1173.0	1213.5	1209.5	1194.4	1295.4
80°	1350.9	1653.6	1996.1	2283.0	2434.8	2454.4	2446.2	2428.9	2416.9	2378.4	2618.3
77.5°	3677.6	4359.5	4850.1	5237.9	5385.6	5295.7	5049.6	4808.2	4715.7	4723.4	4809.0
75°	8621.5	9661.6	10804.4	11889.4	12493.8	12489.1	12488.3	13185.5	13405.1	13228.2	12774.8
72.5°	16979.5	21910.1	27989.5	33549.6	37525.2	40241.5	43237.2	45755.1	47030.2	47071.2	46185.8
70°	33580.6	43977.7	53430.3	61210.1	67765.7	73117.1	79091.9	84370.1	87939.6	89596.0	89257.7
67.5°	52959.0	61900.1	70169.8	78147.4	85701.0	93926.8	103326.6	112633.9	121037.3	128321.3	132659.2
65°	59006.6	69946.1	79739.5	89141.1	98052.3	107341.2	117130.0	126933.0	135418.1	140678.7	144268.0
62.5°	66065.2	77985.3	88681.8	97403.7	104499.9	112018.3	119619.3	126219.2	129963.9	132012.2	133275.7
60°	73784.9	84393.1	92916.7	99139.4	103804.3	108021.8	112021.6	114572.7	115073.9	114657.1	113990.8
57.5°	78325.8	86064.9	91584.4	95182.7	97277.1	98694.4	99895.1	100049.3	98794.7	97364.6	95875.1
55°	78839.9	83566.9	87007.2	88454.2	88437.9	88550.2	88230.5	86462.2	84385.1	82812.6	81524.9
52.5°	75758.9	79548.5	80882.8	81349.6	80814.0	80027.9	78864.2	76432.4	73834.3	72145.7	70699.3
50°	74994.1	77135.0	78223.8	77485.2	76672.2	75473.6	72977.8	70346.3	68063.0	65925.2	64352.6
47.5°	73291.2	74875.7	74695.7	73549.7	72040.2	70142.1	67043.5	64023.5	61909.3	59955.3	58393.8
45°	72598.8	73410.5	72588.5	71053.6	69090.9	66678.5	63383.3	60659.7	58601.9	56774.9	55428.8
42.5°	73962.6	74037.7	72842.0	70708.9	68749.5	65499.0	62429.3	59625.4	57617.1	55992.2	54597.6
40°	74456.0	73749.0	71233.0	68642.8	66237.5	62492.5	59647.5	56705.5	54690.7	53079.3	51784.9
37.5°	70316.0	68124.6	65069.9	62478.2	59345.7	55911.9	53014.0	50701.4	48735.7	47288.5	46278.7
35°	63662.7	60878.2	57963.9	55284.5	51953.5	49039.7	46465.4	44323.1	42570.4	41431.5	40473.7
32.5°	58369.4	55481.4	52529.5	49814.8	46742.1	43785.4	41320.8	39331.9	37786.0	36649.7	35780.6
30°	54350.6	51381.6	48526.6	45895.8	42777.2	39874.7	37506.5	35519.8	34018.6	32836.0	32018.7
27.5°	50695.7	47745.4	45142.3	42547.0	39489.4	36684.0	34373.8	32421.3	30873.5	29582.2	28717.3
25°	47463.6	44735.9	42400.1	39868.5	36840.6	34156.6	31903.4	29911.9	28334.8	27003.4	26020.2
22.5°	44920.9	42384.1	40182.6	37673.7	34740.3	32172.0	29953.4	27982.5	26338.1	24975.5	23924.7
20°	42716.8	40341.6	38340.6	35874.4	33036.6	30585.8	28407.3	26437.9	24771.2	23387.8	22281.9
17.5°	40652.1	38490.1	36650.4	34253.4	31457.9	29170.9	27019.2	25077.2	23402.0	22007.6	20936.7
15°	38478.2	36482.4	34714.8	32435.4	29881.7	27693.5	25650.3	23760.1	22120.2	20796.8	19752.2
12.5°	36007.9	34143.0	32609.1	30472.7	28059.4	26053.4	24168.7	22410.5	20923.4	19686.3	18729.9
10°	33205.3	31490.8	30104.8	28209.1	26116.6	24306.7	22607.5	21100.1	19784.2	18707.5	17869.3
7.5°	30187.7	28671.2	27462.7	25840.4	23944.4	22506.6	21129.6	19911.3	18820.0	17891.3	17233.3
5°	26954.4	25680.2	24699.6	23433.0	21882.4	20738.2	19701.8	18755.6	17949.7	17269.0	16849.9
2.5°	23550.6	22570.0	21916.0	21027.0	19889.8	19058.2	18360.1	17743.8	17238.6	16835.4	16653.8
0°	20227.1	19571.4	19216.8	18684.0	17940.0	17477.1	17114.4	16830.9	16629.3	16496.0	16542.8
-2.5°	17311.8	16885.1	16750.4	16541.4	16155.8	16036.5	15990.2	15987.5	16036.8	16123.5	16323.3
-5°	14759.4	14571.6	14614.6	14692.9	14601.2	14763.8	14991.9	15197.3	15407.4	15607.5	15859.9
-7.5°	12572.7	12628.8	12790.8	13111.4	13290.4	13677.4	14054.1	14348.7	14639.8	14899.2	15131.0
-10°	10858.8	11005.4	11264.9	11736.1	12148.1	12651.1	13085.2	13417.5	13754.2	14023.5	14227.8
-12.5°	9719.4	9885.3	10076.3	10577.9	11063.6	11598.4	12067.7	12399.1	12687.9	12966.9	13171.4
-15°	9149.7	9287.5	9416.1	9792.9	10219.4	10676.0	11107.4	11401.3	11625.1	11850.7	12039.2
-17.5°	9127.9	9208.4	9284.4	9580.6	9922.4	10246.2	10585.5	10790.8	10923.8	11077.5	11197.4
-20°	9292.8	9452.8	9646.8	9982.1	10311.4	10461.3	10744.1	10860.1	10866.5	10968.8	11189.0



REPORT NUMBER: P902111 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	9302.4	9529.7	9846.3	10226.3	10610.6	10728.8	10844.8	10901.1	10827.7	10825.9	11076.1
-25°	9471.5	9732.3	10096.5	10492.0	10869.1	11008.4	11073.1	10948.1	10770.5	10607.5	10718.9
-27.5°	9658.0	9981.2	10373.0	10786.3	11194.5	11412.7	11524.5	11503.8	11207.4	10956.6	10882.3
-30°	9900.0	10305.5	10734.4	11139.8	11536.7	11830.8	12023.0	12129.5	11974.0	11742.5	11617.0
-32.5°	10205.8	10676.9	11115.3	11501.0	11855.4	12214.7	12444.9	12751.2	12800.6	12754.7	12746.3
-35°	10417.7	10936.0	11407.2	11800.2	12134.8	12511.7	12757.3	13147.9	13452.7	13607.3	13784.0
-37.5°	10628.3	11256.9	11804.5	12260.9	12619.3	13059.4	13368.2	13716.2	14108.7	14414.8	14713.6
-40°	10986.4	11736.0	12402.3	12943.8	13368.4	13812.1	14284.5	14489.0	14884.9	15236.0	15570.0
-42.5°	11560.7	12471.1	13151.6	13786.9	14099.3	14453.5	14822.0	14955.1	15180.2	15492.3	15745.0
-45°	11945.6	12977.2	13930.6	14457.7	14862.2	14894.8	15010.5	15035.3	15001.9	15183.6	15379.1
-47.5°	12081.2	13191.7	14064.2	14591.4	14842.8	14799.8	14720.2	14687.2	14552.9	14620.2	14763.5
-50°	12641.3	13837.1	14474.5	14947.7	14945.2	14816.7	14679.0	14418.3	14271.1	13945.8	13694.2
-52.5°	13991.2	14859.4	15674.8	15945.9	15917.2	15984.4	14967.1	14171.9	13638.9	12233.7	11225.1
-55°	13077.8	13801.8	14378.9	14024.1	13658.8	12628.3	10971.8	9807.8	8741.3	7924.4	7835.7
-57.5°	10653.6	11311.1	11030.9	10288.6	8922.3	7275.1	6345.5	5861.6	5641.8	5627.6	5664.7
-60°	9376.7	9493.9	8793.4	7445.8	6194.3	5354.4	5021.5	5043.9	5085.9	5134.3	5176.2
-62.5°	7103.0	7158.4	6430.7	5347.5	4705.9	4478.7	4488.0	4591.5	4637.3	4676.7	4699.4
-65°	4443.3	4548.6	4202.4	3838.5	3821.1	3882.0	3954.1	4043.8	4112.7	4143.9	4161.0
-67.5°	2826.7	3018.0	3082.2	3149.2	3261.2	3351.9	3436.4	3530.4	3615.4	3664.2	3693.4
-70°	2164.3	2337.9	2504.3	2654.4	2781.2	2875.1	2954.3	3100.7	3273.1	3390.5	3449.4
-72.5°	1743.9	1910.3	2075.8	2221.6	2327.7	2389.6	2494.6	2700.4	2880.6	2922.6	2871.9
-75°	1423.9	1572.9	1732.9	1862.5	1930.8	1960.7	2032.7	2134.2	2210.4	2222.2	2228.4
-77.5°	1164.3	1292.3	1428.1	1528.4	1583.0	1601.5	1626.5	1666.6	1708.4	1755.3	1806.6
-80°	925.4	1016.9	1113.0	1193.6	1244.4	1266.3	1285.8	1321.6	1362.2	1401.2	1447.9
-82.5°	692.1	757.9	835.8	886.6	924.4	953.4	977.6	1013.7	1037.1	1063.9	1083.4
-85°	488.9	545.5	607.4	651.3	673.1	689.7	704.9	728.7	748.0	762.5	779.8
-87.5°	267.1	293.4	312.8	340.3	359.9	376.0	387.0	403.3	421.8	432.2	440.6
-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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 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A65-NWB-LT

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°	121.8	121.1	114.9	104.7	114.9	121.1	121.8	118.5	116.2	114.6	107.8
85°	500.8	480.1	438.8	420.5	438.8	480.1	500.8	479.8	479.0	472.2	447.1
82.5°	1268.1	1240.8	1170.4	1129.5	1170.4	1240.8	1268.1	1295.4	1194.4	1209.5	1213.5
80°	2308.4	2117.1	2065.3	2058.8	2065.3	2117.1	2308.4	2618.3	2378.4	2416.9	2428.9
77.5°	4687.5	4557.4	4454.7	4412.0	4454.7	4557.4	4687.5	4809.0	4723.4	4715.7	4808.2
75°	12275.5	11847.7	11527.9	11405.1	11527.9	11847.7	12275.5	12774.8	13228.2	13405.1	13185.5
72.5°	44761.4	43394.6	42446.8	42153.1	42446.8	43394.6	44761.4	46185.8	47071.2	47030.2	45755.1
70°	87405.9	85116.9	83792.3	83538.7	83792.3	85116.9	87405.9	89257.7	89596.0	87939.6	84370.1
67.5°	134422.6	134735.7	135267.3	135907.7	135267.3	134735.7	134422.6	132659.2	128321.3	121037.3	112633.9
65°	146354.5	147301.6	148161.2	148706.2	148161.2	147301.6	146354.5	144268.0	140678.7	135418.1	126933.0
62.5°	133746.8	133665.5	133846.2	134007.8	133846.2	133665.5	133746.8	133275.7	132012.2	129963.9	126219.2
60°	113062.3	112113.7	111747.9	111675.0	111747.9	112113.7	113062.3	113990.8	114657.1	115073.9	114572.7
57.5°	94691.3	93714.2	93344.7	93325.1	93344.7	93714.2	94691.3	95875.1	97364.6	98794.7	100049.3
55°	80357.1	79221.8	78718.7	78763.3	78718.7	79221.8	80357.1	81524.9	82812.6	84385.1	86462.2
52.5°	69703.0	68792.3	68490.4	68751.6	68490.4	68792.3	69703.0	70699.3	72145.7	73834.3	76432.4
50°	63405.8	62744.2	62503.9	62760.1	62503.9	62744.2	63405.8	64352.6	65925.2	68063.0	70346.3
47.5°	57449.7	57029.2	56858.5	57031.2	56858.5	57029.2	57449.7	58393.8	59955.3	61909.3	64023.5
45°	54760.5	54314.6	54128.5	54202.0	54128.5	54314.6	54760.5	55428.8	56774.9	58601.9	60659.7
42.5°	53888.7	53465.2	53359.6	53327.8	53359.6	53465.2	53888.7	54597.6	55992.2	57617.1	59625.4
40°	51118.9	50856.2	50909.9	50817.1	50909.9	50856.2	51118.9	51784.9	53079.3	54690.7	56705.5
37.5°	45717.8	45434.7	45337.2	45336.7	45337.2	45434.7	45717.8	46278.7	47288.5	48735.7	50701.4
35°	40056.5	39812.5	39621.7	39625.1	39621.7	39812.5	40056.5	40473.7	41431.5	42570.4	44323.1
32.5°	35337.9	34971.8	34755.4	34733.9	34755.4	34971.8	35337.9	35780.6	36649.7	37786.0	39331.9
30°	31475.2	30945.3	30647.2	30568.2	30647.2	30945.3	31475.2	32018.7	32836.0	34018.6	35519.8
27.5°	28099.2	27517.1	27181.3	27106.5	27181.3	27517.1	28099.2	28717.3	29582.2	30873.5	32421.3
25°	25301.7	24771.2	24377.6	24293.7	24377.6	24771.2	25301.7	26020.2	27003.4	28334.8	29911.9
22.5°	23184.9	22625.2	22211.0	22092.5	22211.0	22625.2	23184.9	23924.7	24975.5	26338.1	27982.5
20°	21514.0	20950.2	20578.7	20472.9	20578.7	20950.2	21514.0	22281.9	23387.8	24771.2	26437.9
17.5°	20162.6	19609.1	19317.2	19308.3	19317.2	19609.1	20162.6	20936.7	22007.6	23402.0	25077.2
15°	19026.5	18508.4	18286.5	18360.4	18286.5	18508.4	19026.5	19752.2	20796.8	22120.2	23760.1
12.5°	18049.1	17588.9	17450.4	17555.8	17450.4	17588.9	18049.1	18729.9	19686.3	20923.4	22410.5
10°	17281.9	16935.7	16825.7	16845.0	16825.7	16935.7	17281.9	17869.3	18707.5	19784.2	21100.1
7.5°	16808.4	16583.0	16426.5	16338.5	16426.5	16583.0	16808.4	17233.3	17891.3	18820.0	19911.3
5°	16625.9	16487.8	16306.7	16233.4	16306.7	16487.8	16625.9	16849.9	17269.0	17949.7	18755.6
2.5°	16646.7	16584.6	16449.9	16379.5	16449.9	16584.6	16646.7	16653.8	16835.4	17238.6	17743.8
0°	16679.3	16658.4	16585.6	16595.6	16585.6	16658.4	16679.3	16542.8	16496.0	16629.3	16830.9
-2.5°	16501.6	16522.0	16525.0	16575.1	16525.0	16522.0	16501.6	16323.3	16123.5	16036.8	15987.5
-5°	16032.5	16082.6	16150.4	16214.2	16150.4	16082.6	16032.5	15859.9	15607.5	15407.4	15197.3
-7.5°	15288.3	15345.4	15459.8	15502.5	15459.8	15345.4	15288.3	15131.0	14899.2	14639.8	14348.7
-10°	14350.3	14402.1	14486.8	14518.7	14486.8	14402.1	14350.3	14227.8	14023.5	13754.2	13417.5
-12.5°	13283.0	13344.8	13403.5	13408.3	13403.5	13344.8	13283.0	13171.4	12966.9	12687.9	12399.1
-15°	12179.8	12235.7	12319.1	12327.0	12319.1	12235.7	12179.8	12039.2	11850.7	11625.1	11401.3
-17.5°	11385.0	11404.3	11473.3	11512.0	11473.3	11404.3	11385.0	11197.4	11077.5	10923.8	10790.8
-20°	11251.3	11260.5	11408.6	11473.3	11408.6	11260.5	11251.3	11189.0	10968.8	10866.5	10860.1



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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°	11203.6	11148.6	11291.3	11398.7	11291.3	11148.6	11203.6	11076.1	10825.9	10827.7	10901.1
-25°	10839.1	10923.4	11007.9	11077.4	11007.9	10923.4	10839.1	10718.9	10607.5	10770.5	10948.1
-27.5°	10907.4	10980.7	11103.9	11178.0	11103.9	10980.7	10907.4	10882.3	10956.6	11207.4	11503.8
-30°	11571.8	11591.3	11709.7	11771.8	11709.7	11591.3	11571.8	11617.0	11742.5	11974.0	12129.5
-32.5°	12685.0	12666.1	12711.1	12754.8	12711.1	12666.1	12685.0	12746.3	12754.7	12800.6	12751.2
-35°	13923.6	13952.7	13930.5	13907.9	13930.5	13952.7	13923.6	13784.0	13607.3	13452.7	13147.9
-37.5°	15040.3	15217.5	15253.5	15260.4	15253.5	15217.5	15040.3	14713.6	14414.8	14108.7	13716.2
-40°	16019.6	16257.1	16379.3	16439.1	16379.3	16257.1	16019.6	15570.0	15236.0	14884.9	14489.0
-42.5°	16131.8	16400.6	16536.9	16608.3	16536.9	16400.6	16131.8	15745.0	15492.3	15180.2	14955.1
-45°	15616.8	15853.5	16001.3	16055.0	16001.3	15853.5	15616.8	15379.1	15183.6	15001.9	15035.3
-47.5°	14969.8	15137.8	15259.2	15309.1	15259.2	15137.8	14969.8	14763.5	14620.2	14552.9	14687.2
-50°	13553.0	13402.8	13296.9	13222.6	13296.9	13402.8	13553.0	13694.2	13945.8	14271.1	14418.3
-52.5°	10652.3	10238.7	9999.2	9947.9	9999.2	10238.7	10652.3	11225.1	12233.7	13638.9	14171.9
-55°	7837.5	7848.7	7868.0	7889.2	7868.0	7848.7	7837.5	7835.7	7924.4	8741.3	9807.8
-57.5°	5808.0	5921.9	5981.5	5997.0	5981.5	5921.9	5808.0	5664.7	5627.6	5641.8	5861.6
-60°	5223.0	5243.7	5258.2	5264.3	5258.2	5243.7	5223.0	5176.2	5134.3	5085.9	5043.9
-62.5°	4726.1	4748.0	4765.4	4804.2	4765.4	4748.0	4726.1	4699.4	4676.7	4637.3	4591.5
-65°	4209.9	4240.0	4253.7	4295.0	4253.7	4240.0	4209.9	4161.0	4143.9	4112.7	4043.8
-67.5°	3741.5	3748.0	3772.8	3800.8	3772.8	3748.0	3741.5	3693.4	3664.2	3615.4	3530.4
-70°	3491.8	3511.3	3511.5	3513.2	3511.5	3511.3	3491.8	3449.4	3390.5	3273.1	3100.7
-72.5°	2814.8	2779.9	2763.1	2756.0	2763.1	2779.9	2814.8	2871.9	2922.6	2880.6	2700.4
-75°	2281.5	2292.9	2279.1	2265.4	2279.1	2292.9	2281.5	2228.4	2222.2	2210.4	2134.2
-77.5°	1884.8	1901.3	1879.7	1859.5	1879.7	1901.3	1884.8	1806.6	1755.3	1708.4	1666.6
-80°	1511.2	1529.9	1511.5	1496.3	1511.5	1529.9	1511.2	1447.9	1401.2	1362.2	1321.6
-82.5°	1133.1	1144.4	1130.0	1120.0	1130.0	1144.4	1133.1	1083.4	1063.9	1037.1	1013.7
-85°	796.9	801.1	803.0	803.7	803.0	801.1	796.9	779.8	762.5	748.0	728.7
-87.5°	448.3	456.0	457.0	457.4	457.0	456.0	448.3	440.6	432.2	421.8	403.3
-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):

	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°	108.3	105.9	103.3	99.5	93.6	87.1	80.0	79.4	76.7	73.8	70.8
85°	432.9	419.5	393.6	362.8	324.2	276.9	235.7	215.7	199.7	186.0	178.8
82.5°	1173.0	1113.2	1042.3	942.4	808.9	674.4	592.3	537.8	491.9	419.7	358.9
80°	2446.2	2454.4	2434.8	2283.0	1996.1	1653.6	1350.9	1131.3	1022.4	875.6	716.5
77.5°	5049.6	5295.7	5385.6	5237.9	4850.1	4359.5	3677.6	2786.9	2215.6	1808.8	1435.3
75°	12488.3	12489.1	12493.8	11889.4	10804.4	9661.6	8621.5	7297.5	5729.2	4337.1	3169.1
72.5°	43237.2	40241.5	37525.2	33549.6	27989.5	21910.1	16979.5	14241.7	12091.9	9505.1	6917.7
70°	79091.9	73117.1	67765.7	61210.1	53430.3	43977.7	33580.6	25306.9	20190.9	16305.8	13052.1
67.5°	103326.6	93926.8	85701.0	78147.4	70169.8	61900.1	52959.0	41536.9	30366.7	22556.8	17447.2
65°	117130.0	107341.2	98052.3	89141.1	79739.5	69946.1	59006.6	48063.5	38192.6	28630.8	21057.1
62.5°	119619.3	112018.3	104499.9	97403.7	88681.8	77985.3	66065.2	53700.8	42866.3	34212.3	25378.9
60°	112021.6	108021.8	103804.3	99139.4	92916.7	84393.1	73784.9	60311.7	47002.3	37021.3	29114.9
57.5°	99895.1	98694.4	97277.1	95182.7	91584.4	86064.9	78325.8	65872.8	51827.7	39973.5	31987.6
55°	88230.5	88550.2	88437.9	88454.2	87007.2	83566.9	78839.9	68727.8	56506.2	43266.7	33562.3
52.5°	78864.2	80027.9	80814.0	81349.6	80882.8	79548.5	75758.9	69199.7	58695.3	46166.3	35331.6
50°	72977.8	75473.6	76672.2	77485.2	78223.8	77135.0	74994.1	69637.2	61130.3	49440.8	37792.1
47.5°	67043.5	70142.1	72040.2	73549.7	74695.7	74875.7	73291.2	69641.8	62587.4	52498.2	40903.2
45°	63383.3	66678.5	69090.9	71053.6	72588.5	73410.5	72598.8	69657.3	64129.2	55295.8	43884.0
42.5°	62429.3	65499.0	68749.5	70708.9	72842.0	74037.7	73962.6	72037.5	67133.4	59387.0	48709.2
40°	59647.5	62492.5	66237.5	68642.8	71233.0	73749.0	74456.0	73865.3	70836.9	63812.8	53658.0
37.5°	53014.0	55911.9	59345.7	62478.2	65069.9	68124.6	70316.0	70869.1	69254.6	64894.0	56969.0
35°	46465.4	49039.7	51953.5	55284.5	57963.9	60878.2	63662.7	65370.5	65134.3	62174.0	56156.6
32.5°	41320.8	43785.4	46742.1	49814.8	52529.5	55481.4	58369.4	60481.2	61087.2	59289.1	54859.8
30°	37506.5	39874.7	42777.2	45895.8	48526.6	51381.6	54350.6	56701.8	57952.4	57128.3	53847.7
27.5°	34373.8	36684.0	39489.4	42547.0	45142.3	47745.4	50695.7	53212.6	54818.7	54675.9	52350.5
25°	31903.4	34156.6	36840.6	39868.5	42400.1	44735.9	47463.6	50021.3	51887.5	52261.8	50725.6
22.5°	29953.4	32172.0	34740.3	37673.7	40182.6	42384.1	44920.9	47327.4	49186.8	49775.0	48680.0
20°	28407.3	30585.8	33036.6	35874.4	38340.6	40341.6	42716.8	45003.0	46913.0	47594.5	46807.5
17.5°	27019.2	29170.9	31457.9	34253.4	36650.4	38490.1	40652.1	42811.0	44540.4	45261.4	44825.7
15°	25650.3	27693.5	29881.7	32435.4	34714.8	36482.4	38478.2	40509.4	42086.5	42883.3	42650.3
12.5°	24168.7	26053.4	28059.4	30472.7	32609.1	34143.0	36007.9	37893.3	39416.1	40318.3	40328.2
10°	22607.5	24306.7	26116.6	28209.1	30104.8	31490.8	33205.3	34964.9	36384.0	37316.9	37646.4
7.5°	21129.6	22506.6	23944.4	25840.4	27462.7	28671.2	30187.7	31756.2	33065.4	34043.9	34585.6
5°	19701.8	20738.2	21882.4	23433.0	24699.6	25680.2	26954.4	28287.7	29488.3	30499.7	31206.4
2.5°	18360.1	19058.2	19889.8	21027.0	21916.0	22570.0	23550.6	24677.5	25733.3	26735.4	27582.3
0°	17114.4	17477.1	17940.0	18684.0	19216.8	19571.4	20227.1	21113.6	21967.3	22897.1	23820.4
-2.5°	15990.2	16036.5	16155.8	16541.4	16750.4	16885.1	17311.8	17963.0	18636.2	19458.9	20311.0
-5°	14991.9	14763.8	14601.2	14692.9	14614.6	14571.6	14759.4	15200.7	15673.7	16306.2	17045.4
-7.5°	14054.1	13677.4	13290.4	13111.4	12790.8	12628.8	12572.7	12738.2	13055.9	13547.4	14117.3
-10°	13085.2	12651.1	12148.1	11736.1	11264.9	11005.4	10858.8	10823.0	11024.7	11406.7	11821.9
-12.5°	12067.7	11598.4	11063.6	10577.9	10076.3	9885.3	9719.4	9612.1	9683.9	9984.5	10310.6
-15°	11107.4	10676.0	10219.4	9792.9	9416.1	9287.5	9149.7	8954.8	8900.5	9132.4	9386.8
-17.5°	10585.5	10246.2	9922.4	9580.6	9284.4	9208.4	9127.9	8864.8	8651.8	8722.9	8867.1
-20°	10744.1	10461.3	10311.4	9982.1	9646.8	9452.8	9292.8	8972.4	8538.4	8444.2	8430.3



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10844.8	10728.8	10610.6	10226.3	9846.3	9529.7	9302.4	8942.3	8393.7	8160.9	8058.0
-25°	11073.1	11008.4	10869.1	10492.0	10096.5	9732.3	9471.5	9116.1	8438.1	8148.6	7926.8
-27.5°	11524.5	11412.7	11194.5	10786.3	10373.0	9981.2	9658.0	9231.6	8636.3	8303.4	7933.1
-30°	12023.0	11830.8	11536.7	11139.8	10734.4	10305.5	9900.0	9452.4	8883.1	8522.2	8056.1
-32.5°	12444.9	12214.7	11855.4	11501.0	11115.3	10676.9	10205.8	9683.9	9123.1	8703.6	8129.9
-35°	12757.3	12511.7	12134.8	11800.2	11407.2	10936.0	10417.7	9845.8	9352.6	8825.2	8185.3
-37.5°	13368.2	13059.4	12619.3	12260.9	11804.5	11256.9	10628.3	10038.2	9512.9	8886.3	8231.4
-40°	14284.5	13812.1	13368.4	12943.8	12402.3	11736.0	10986.4	10296.5	9645.8	8895.4	8328.7
-42.5°	14822.0	14453.5	14099.3	13786.9	13151.6	12471.1	11560.7	10751.4	9856.9	8993.7	8416.0
-45°	15010.5	14894.8	14862.2	14457.7	13930.6	12977.2	11945.6	10844.5	9811.4	8997.5	8459.3
-47.5°	14720.2	14799.8	14842.8	14591.4	14064.2	13191.7	12081.2	10903.1	9955.5	9162.4	8644.3
-50°	14679.0	14816.7	14945.2	14947.7	14474.5	13837.1	12641.3	11646.9	10559.1	9757.7	8777.6
-52.5°	14967.1	15984.4	15917.2	15945.9	15674.8	14859.4	13991.2	12550.9	11343.6	9923.7	8442.2
-55°	10971.8	12628.3	13658.8	14024.1	14378.9	13801.8	13077.8	11717.9	10318.5	8607.1	6761.7
-57.5°	6345.5	7275.1	8922.3	10288.6	11030.9	11311.1	10653.6	9731.4	8289.8	6373.8	4449.0
-60°	5021.5	5354.4	6194.3	7445.8	8793.4	9493.9	9376.7	8134.1	6279.7	4403.3	3269.4
-62.5°	4488.0	4478.7	4705.9	5347.5	6430.7	7158.4	7103.0	5989.6	4252.3	3001.6	2536.4
-65°	3954.1	3882.0	3821.1	3838.5	4202.4	4548.6	4443.3	3695.8	2862.6	2371.9	2086.2
-67.5°	3436.4	3351.9	3261.2	3149.2	3082.2	3018.0	2826.7	2467.8	2200.0	1969.0	1751.2
-70°	2954.3	2875.1	2781.2	2654.4	2504.3	2337.9	2164.3	1965.3	1791.5	1629.4	1454.3
-72.5°	2494.6	2389.6	2327.7	2221.6	2075.8	1910.3	1743.9	1597.9	1466.1	1334.0	1200.3
-75°	2032.7	1960.7	1930.8	1862.5	1732.9	1572.9	1423.9	1300.1	1189.7	1088.1	988.7
-77.5°	1626.5	1601.5	1583.0	1528.4	1428.1	1292.3	1164.3	1060.6	970.1	889.5	810.0
-80°	1285.8	1266.3	1244.4	1193.6	1113.0	1016.9	925.4	848.4	777.8	717.8	650.8
-82.5°	977.6	953.4	924.4	886.6	835.8	757.9	692.1	638.8	582.4	546.8	498.5
-85°	704.9	689.7	673.1	651.3	607.4	545.5	488.9	451.7	404.2	373.6	345.1
-87.5°	387.0	376.0	359.9	340.3	312.8	293.4	267.1	243.4	210.9	197.8	180.1
-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: P902111 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A65-NWB-LT

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°	66.1	61.5	58.2	56.1	51.4	46.6	43.0	39.4	35.7	31.1	26.7
85°	162.0	148.1	137.3	130.2	116.7	100.8	90.2	80.0	71.2	62.1	53.3
82.5°	318.2	278.5	247.8	223.8	195.3	166.3	148.6	131.6	116.2	99.9	81.2
80°	570.7	462.0	396.3	347.8	305.0	263.0	227.5	189.6	161.9	140.4	111.5
77.5°	1018.2	698.0	597.2	517.5	446.3	378.1	324.1	273.4	228.5	186.9	141.4
75°	1882.1	1193.5	902.4	743.9	618.1	542.4	461.0	369.2	299.9	250.7	189.6
72.5°	4666.5	2808.9	1566.2	1038.2	864.6	724.3	609.0	498.3	394.1	314.5	246.9
70°	9227.3	5390.8	2627.1	1579.8	1128.1	915.7	774.6	628.2	497.2	395.2	302.2
67.5°	13086.0	8469.1	4362.2	2225.7	1384.5	1118.6	938.7	766.3	605.3	474.9	365.1
65°	16008.9	11310.3	6507.4	2873.5	1708.4	1322.0	1104.2	903.5	719.3	557.7	427.6
62.5°	18683.9	13867.8	8932.8	4578.8	2209.2	1560.5	1273.5	1048.4	831.8	646.5	487.9
60°	21583.2	16093.5	11395.0	6369.1	2949.7	1869.9	1468.2	1196.1	954.9	729.9	560.6
57.5°	24679.3	17903.4	13084.6	8416.8	4221.4	2215.3	1676.9	1370.9	1074.4	832.6	630.7
55°	26970.2	20450.0	14659.1	9980.5	5452.3	2815.4	1894.9	1546.8	1217.3	934.5	696.4
52.5°	28526.6	22615.2	16208.4	11436.0	6984.4	3415.8	2148.7	1723.0	1350.9	1030.1	774.4
50°	29642.2	24686.3	18753.2	12663.9	8360.5	4519.0	2491.1	1878.7	1474.2	1138.9	850.5
47.5°	31704.7	25742.6	21264.3	14880.0	9610.0	5571.6	2863.9	2060.7	1607.2	1241.8	922.7
45°	33935.7	27189.7	22466.5	17375.5	11224.4	6734.6	3573.7	2237.8	1729.4	1339.0	998.7
42.5°	37180.3	29081.4	24054.5	19192.9	13396.7	8033.0	4110.6	2447.8	1853.4	1438.3	1079.2
40°	42114.3	32372.6	25944.4	21287.6	15434.9	9684.6	5223.0	2795.0	1969.8	1529.6	1151.8
37.5°	45609.9	35169.3	27880.4	22544.8	17291.4	11448.3	6303.9	3018.7	2072.7	1612.6	1216.2
35°	46734.3	36638.6	28653.4	23092.6	18554.6	12859.6	7287.4	3387.7	2195.0	1683.0	1274.8
32.5°	46949.9	37497.2	29383.6	23426.7	18742.5	13827.3	8420.5	4061.8	2319.6	1749.7	1325.6
30°	47402.0	38375.3	30390.9	23970.6	18918.9	14665.3	9418.9	4508.9	2421.3	1809.0	1367.5
27.5°	47093.3	39298.6	31544.4	25019.2	19498.9	15150.2	10216.8	4798.7	2491.3	1857.5	1401.2
25°	46696.2	39867.7	32601.3	26052.5	20121.3	15379.8	10717.1	5561.1	2698.4	1897.0	1426.8
22.5°	45523.9	39892.3	33352.1	26945.4	20530.5	15527.9	11065.4	6133.4	2956.5	1950.6	1450.7
20°	44256.3	39605.2	33709.9	27477.3	20921.9	15573.4	11241.4	6562.2	3139.1	1999.7	1475.2
17.5°	42992.0	39107.1	33802.0	27771.8	21189.6	15622.8	11250.2	6769.1	3252.6	2041.1	1493.7
15°	41212.6	38151.9	33619.7	27824.2	21188.9	15451.4	11090.1	6804.3	3304.8	2069.9	1511.9
12.5°	39299.3	36915.4	32922.9	27490.2	20872.2	15086.4	10820.0	6734.8	3300.3	2097.0	1532.2
10°	37097.1	35354.7	31891.6	26694.8	20218.4	14526.6	10431.2	6575.3	3356.2	2120.9	1547.0
7.5°	34496.5	33374.6	30357.4	25516.3	19320.9	13809.2	9943.8	6358.6	3368.4	2133.7	1555.5
5°	31470.7	30958.1	28381.1	23887.8	18116.2	12949.7	9351.1	6056.9	3335.9	2124.0	1554.4
2.5°	28167.8	28108.3	25948.7	21879.1	16606.0	11941.6	8709.0	5782.5	3287.9	2099.9	1546.2
0°	24646.8	24819.7	23049.9	19494.5	14844.1	10823.5	7987.0	5438.2	3192.4	2066.0	1531.3
-2.5°	21098.5	21290.6	19810.2	16870.8	13040.4	9744.2	7473.3	5230.8	3104.9	2055.1	1528.4
-5°	17739.8	17820.4	16655.5	14361.6	11338.5	8741.1	6948.8	4981.5	2984.1	2035.7	1519.3
-7.5°	14720.4	14726.3	13834.8	12087.0	9859.5	8038.5	6664.9	4796.0	2879.0	2008.4	1504.4
-10°	12292.8	12250.9	11561.7	10466.7	8896.8	7563.5	6395.2	4591.4	2781.4	1973.3	1481.6
-12.5°	10623.1	10506.0	10115.5	9333.0	8223.5	7305.0	6291.4	4417.8	2684.1	1930.3	1453.1
-15°	9596.6	9486.1	9207.0	8578.1	7914.5	7224.2	6179.9	4227.3	2625.5	1881.3	1419.8
-17.5°	8965.6	8832.2	8577.7	8149.5	7648.0	7197.8	6013.3	4006.4	2543.8	1826.9	1382.4
-20°	8367.4	8206.0	7947.5	7652.2	7358.4	6987.5	5693.7	3746.9	2432.7	1764.4	1340.8



REPORT NUMBER: P902111 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A65-NWB-LT

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	7865.3	7616.5	7395.9	7137.3	7078.9	6595.7	5238.3	3466.6	2297.5	1696.9	1294.5
-25°	7605.9	7282.4	7058.0	6994.9	6896.8	6320.6	4797.3	3175.3	2142.7	1625.7	1248.5
-27.5°	7517.1	7178.7	6983.4	6998.7	6933.3	6078.5	4432.3	2848.5	2010.1	1563.1	1205.1
-30°	7562.4	7177.2	7020.0	7074.3	6879.3	5745.8	4066.5	2663.4	1918.9	1497.6	1158.0
-32.5°	7608.6	7253.9	7154.0	7130.8	6604.5	5273.5	3670.0	2462.2	1814.9	1427.7	1107.2
-35°	7666.3	7362.8	7335.5	7231.7	6354.4	4827.2	3243.1	2228.8	1708.1	1354.2	1053.7
-37.5°	7791.1	7580.5	7462.1	6983.8	5913.2	4373.0	2927.2	2072.9	1611.0	1283.4	1001.3
-40°	7957.4	7738.6	7485.9	6702.0	5443.5	3854.8	2645.0	1938.8	1520.8	1217.5	948.3
-42.5°	8082.3	7796.5	7119.2	6155.9	4850.7	3373.8	2320.6	1775.1	1421.8	1148.3	890.5
-45°	8094.7	7523.1	6669.2	5572.0	4199.7	2924.4	2093.7	1630.3	1324.4	1076.1	828.3
-47.5°	7994.4	7137.3	6105.7	4801.2	3599.2	2485.1	1848.3	1490.9	1236.3	1002.4	769.2
-50°	7772.7	6559.2	5182.1	4009.5	2994.9	2221.7	1676.2	1355.5	1142.9	923.3	710.5
-52.5°	6863.0	5313.7	4085.6	3373.2	2610.4	1957.8	1509.6	1246.1	1046.2	841.5	646.6
-55°	5020.1	3833.4	3279.5	2796.8	2232.4	1710.4	1358.7	1130.1	949.6	764.8	580.1
-57.5°	3466.6	2921.8	2540.9	2145.2	1804.5	1448.5	1201.1	1019.8	853.1	686.5	529.4
-60°	2679.0	2297.2	1955.6	1720.7	1451.4	1246.1	1059.1	904.8	762.9	610.1	478.4
-62.5°	2155.2	1869.8	1631.9	1426.0	1244.7	1079.8	935.2	801.3	670.9	543.1	425.2
-65°	1830.5	1598.6	1413.0	1231.4	1077.2	936.8	821.5	702.0	587.6	473.4	384.3
-67.5°	1551.4	1375.0	1221.4	1066.2	926.5	813.1	709.9	609.8	506.0	413.5	341.8
-70°	1301.0	1161.6	1030.3	913.3	798.2	694.1	609.0	519.7	432.5	358.9	298.8
-72.5°	1080.6	973.6	870.1	772.6	680.6	593.4	510.3	441.0	365.0	303.7	261.5
-75°	897.6	811.3	725.6	648.0	569.3	501.0	431.5	367.8	302.9	261.0	223.9
-77.5°	733.3	660.8	596.5	533.5	472.1	416.7	354.3	305.6	253.7	217.8	186.7
-80°	587.2	529.1	482.4	426.1	375.4	333.1	283.9	246.1	204.4	177.4	150.1
-82.5°	447.3	401.3	363.6	323.4	280.7	247.5	212.2	186.0	158.5	138.2	112.7
-85°	307.8	274.9	249.9	220.9	195.5	159.3	139.5	124.8	111.2	96.1	75.2
-87.5°	164.3	143.3	132.8	113.5	102.5	77.3	69.3	62.5	55.7	48.2	37.6
-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: P902111 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A65-NWB-LT

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°	23.0	19.2	15.0	11.3	7.5	3.8	0.0
85°	45.9	38.4	30.0	22.6	15.1	7.5	0.0
82.5°	68.7	57.4	44.9	33.8	22.6	11.3	0.0
80°	93.5	76.8	59.8	44.9	30.0	15.0	0.0
77.5°	118.4	97.1	74.2	56.0	37.4	18.7	0.0
75°	143.1	116.8	88.1	67.0	44.7	22.4	0.0
72.5°	182.7	135.9	101.7	77.3	52.0	26.0	0.0
70°	226.4	161.3	115.2	87.2	59.1	29.6	0.0
67.5°	268.7	193.5	128.5	96.9	66.1	33.1	0.0
65°	314.7	224.6	147.7	106.4	72.5	36.5	0.0
62.5°	364.5	254.7	171.9	115.5	78.3	39.9	0.0
60°	412.0	287.8	195.3	124.3	84.0	43.2	0.0
57.5°	457.1	324.8	217.9	133.4	89.5	46.5	0.0
55°	511.2	360.6	239.6	148.4	94.9	49.6	0.0
52.5°	564.6	394.9	261.5	162.6	100.1	52.6	0.0
50°	616.5	427.7	286.9	176.1	105.0	55.6	0.0
47.5°	669.0	469.5	310.4	188.7	109.8	58.4	0.0
45°	730.2	509.2	332.0	200.5	114.4	61.2	0.0
42.5°	787.2	547.0	352.3	211.5	118.7	63.8	0.0
40°	837.8	582.5	371.1	221.6	122.9	66.3	0.0
37.5°	880.5	615.8	388.6	230.9	126.8	68.6	0.0
35°	923.3	645.3	409.0	242.1	132.1	70.6	0.0
32.5°	964.8	670.5	428.9	253.2	137.7	72.4	0.0
30°	1001.3	692.6	446.1	263.2	142.7	74.0	0.0
27.5°	1030.9	711.6	461.0	272.0	147.4	75.5	0.0
25°	1054.3	727.4	473.9	279.6	151.6	76.9	0.0
22.5°	1071.7	740.9	484.9	286.1	155.3	78.2	0.0
20°	1084.2	752.6	493.8	291.4	158.6	79.4	0.0
17.5°	1097.3	761.1	500.8	296.7	161.4	80.4	0.0
15°	1108.6	768.1	505.9	301.4	163.7	81.3	0.0
12.5°	1115.8	773.9	510.2	305.1	165.6	82.0	0.0
10°	1118.7	780.7	513.0	307.8	167.0	82.6	0.0
7.5°	1122.3	787.8	513.9	309.5	168.0	83.1	0.0
5°	1123.0	791.5	513.0	310.3	168.5	83.5	0.0
2.5°	1119.3	792.1	510.3	310.1	168.6	83.7	0.0
0°	1111.3	789.6	506.0	309.0	168.4	83.8	0.0
-2.5°	1111.7	788.0	505.9	309.2	168.7	83.7	0.0
-5°	1108.0	783.4	504.2	308.5	168.7	83.5	0.0
-7.5°	1100.0	775.7	500.9	307.0	168.2	83.2	0.0
-10°	1087.4	765.0	496.0	304.5	167.3	82.7	0.0
-12.5°	1070.2	751.8	489.6	301.1	166.0	82.1	0.0
-15°	1049.0	736.5	482.2	296.9	164.3	81.4	0.0
-17.5°	1023.6	719.9	474.5	292.0	162.1	80.5	0.0
-20°	994.4	702.5	465.4	286.4	159.4	79.5	0.0



REPORT NUMBER: P902111 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A65-NWB-LT

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	964.3	683.1	454.7	280.5	156.3	78.3	0.0
-25°	932.8	662.9	442.5	273.8	152.7	77.0	0.0
-27.5°	898.7	641.5	428.9	266.2	148.7	75.6	0.0
-30°	862.9	618.2	413.8	257.8	144.2	74.1	0.0
-32.5°	826.7	593.2	397.2	248.4	140.2	72.4	0.0
-35°	787.2	566.7	378.7	238.3	135.9	70.6	0.0
-37.5°	748.0	539.6	360.2	228.4	131.7	68.6	0.0
-40°	711.4	512.9	344.3	220.7	128.5	66.3	0.0
-42.5°	671.5	484.3	327.6	212.6	124.9	63.8	0.0
-45°	627.6	454.0	310.0	204.0	121.0	61.2	0.0
-47.5°	580.5	421.9	291.5	195.0	116.6	58.4	0.0
-50°	539.1	388.3	273.2	185.6	112.0	55.6	0.0
-52.5°	499.0	365.4	254.7	175.9	107.0	52.6	0.0
-55°	458.9	341.6	240.3	165.8	101.7	49.6	0.0
-57.5°	417.0	316.3	225.9	155.3	96.0	46.5	0.0
-60°	381.6	289.5	210.3	145.5	90.1	43.2	0.0
-62.5°	345.7	264.3	193.5	135.2	83.9	39.9	0.0
-65°	309.5	240.9	175.5	124.4	77.4	36.5	0.0
-67.5°	276.3	217.1	158.9	113.1	70.5	33.1	0.0
-70°	245.2	192.8	144.7	101.4	63.2	29.6	0.0
-72.5°	213.1	170.4	130.5	89.4	55.6	26.0	0.0
-75°	181.5	149.4	116.3	77.0	48.0	22.4	0.0
-77.5°	153.7	127.5	102.0	64.5	40.2	18.7	0.0
-80°	125.6	104.9	84.0	51.9	32.3	15.0	0.0
-82.5°	96.8	79.6	63.4	39.0	24.3	11.3	0.0
-85°	64.7	53.1	42.5	26.1	16.2	7.5	0.0
-87.5°	32.4	26.6	21.3	13.1	8.1	3.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)