

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: P902085 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-AV-03-1360S-57-85-A55-MB-LTM**

Issue Date: 11/13/2024

Test Information

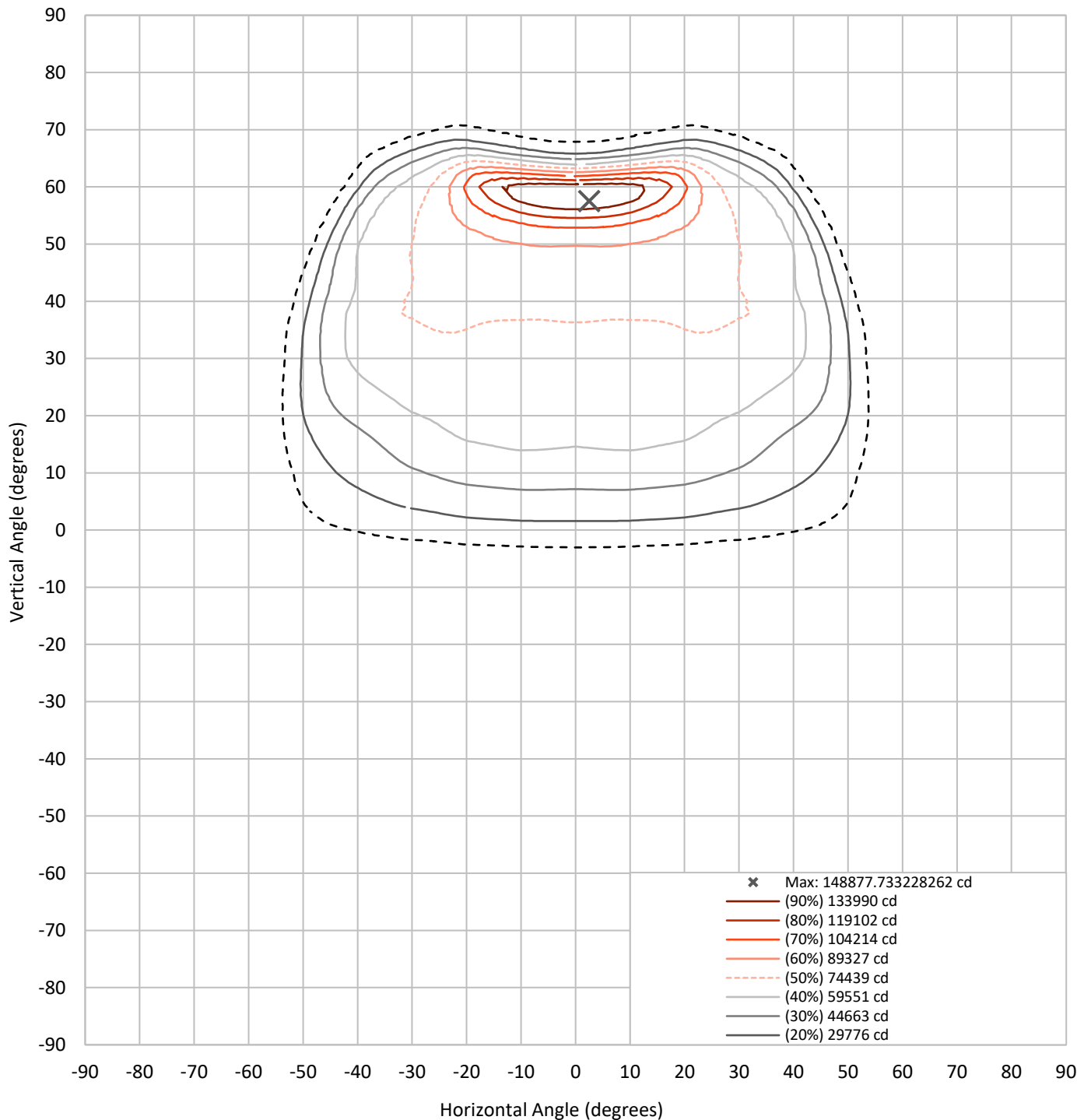
Test Method: LM-79-08
Report Number: P902085 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (LVM21005U1)
Test Lab: INNOVATION CENTER
Issue Date: 11/13/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-AV-03-1360S-57-85-A55-MB-LTM
Description: ARENAVISION LUMINAIRE
5700K, 85 CRI LEDS AND A55-MB-LTM OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	119464 lumens	Max Intensity:	148877.7 candela
Efficiency:	N/A	Max Intensity Angle:	2.5°H x 57.5°V
Efficacy:	84.5 lumens/watt		
Luminous Opening:	Rectangular (W 2m x L: 2m x H: 0m)		
Beam Angle (50%):	56°H x 27°V	Field Angle (10%):	88.1°H x 70.7°V
Beam Lumens:	41969.4 lumens	Field Lumens:	112033.4 lumens
Beam Efficiency:	35.1%	Field Efficiency:	93.8%
Input Watts (W):	1413		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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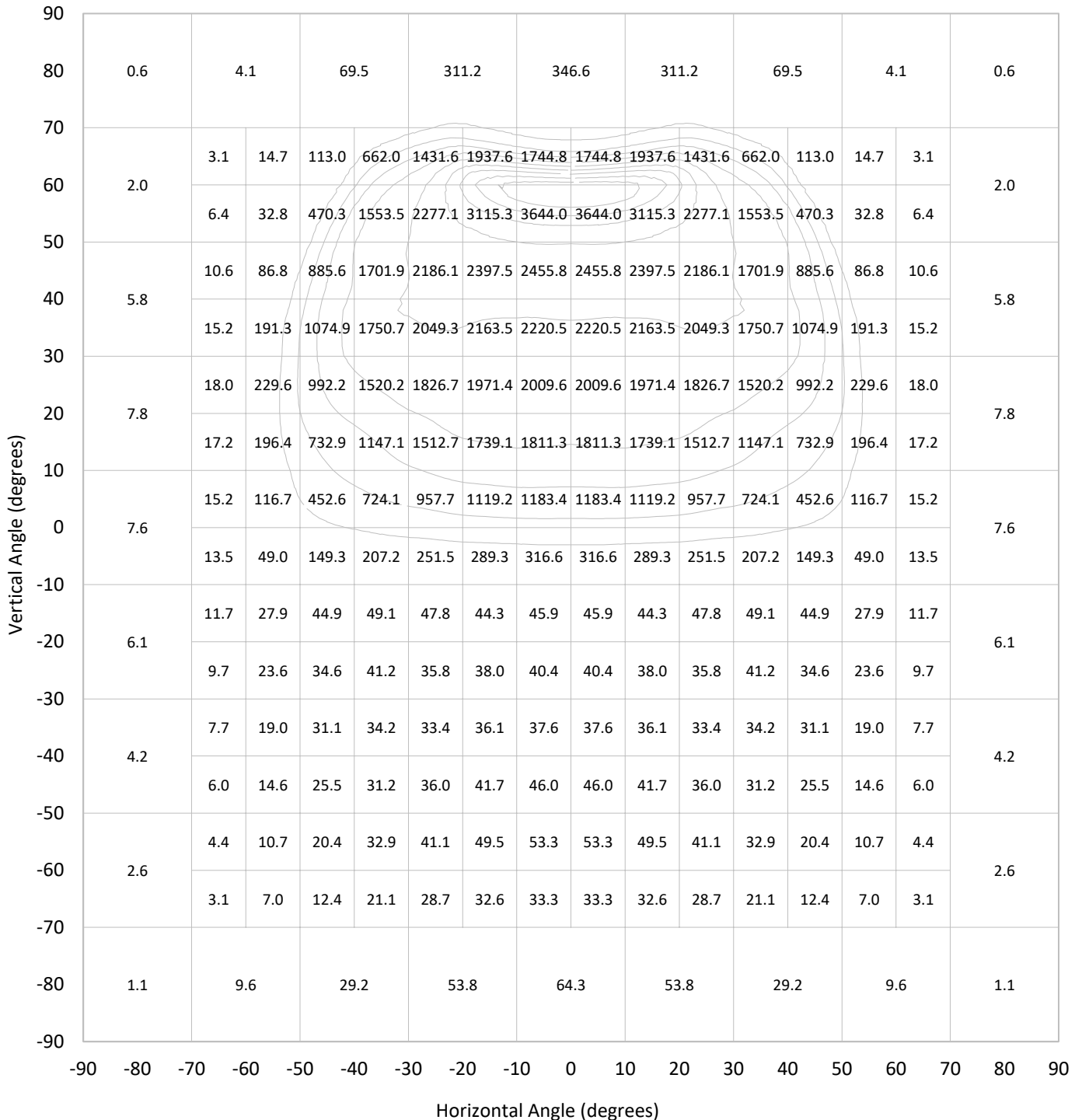
Iso-Candela Plot





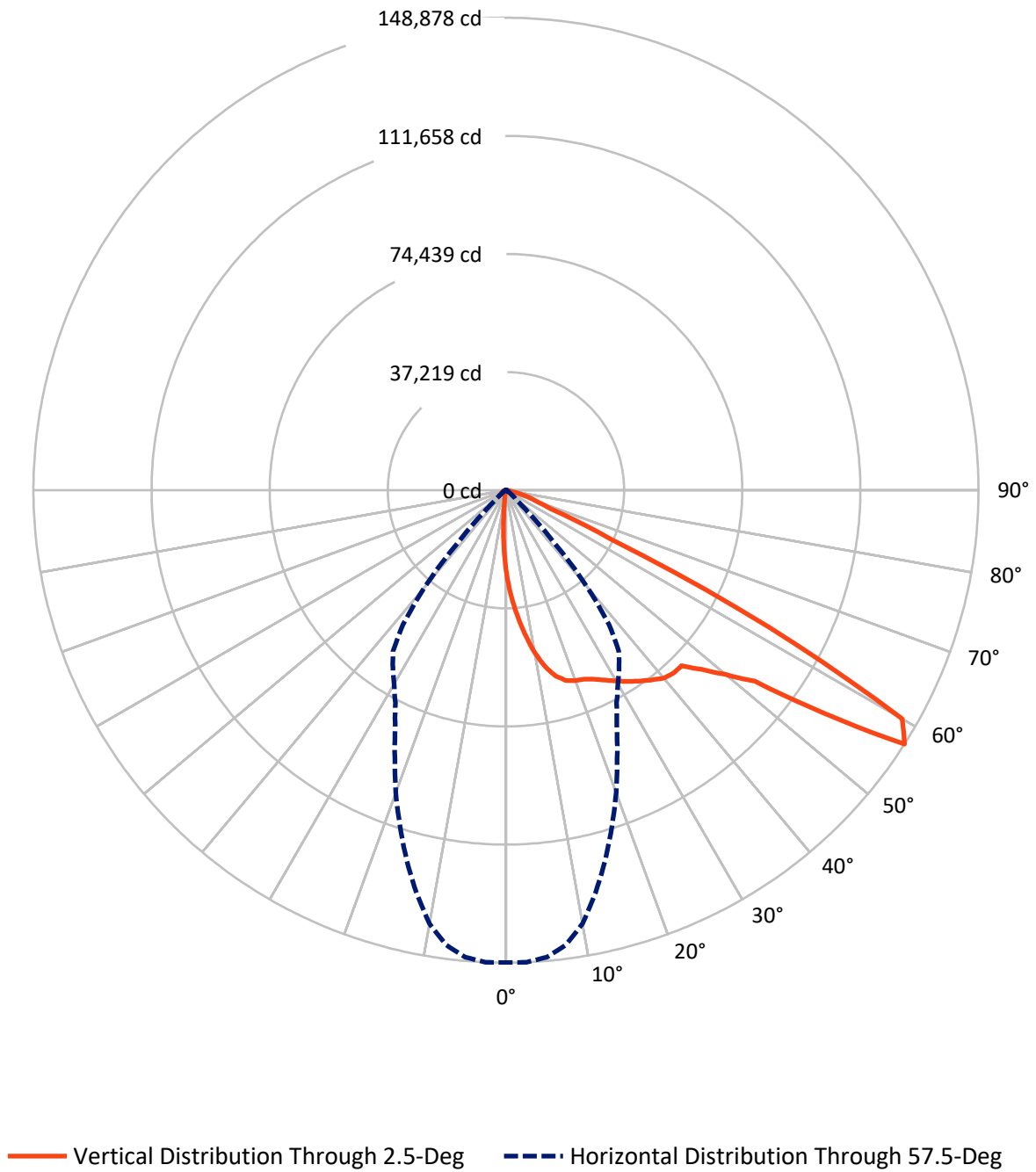
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Lumen Table



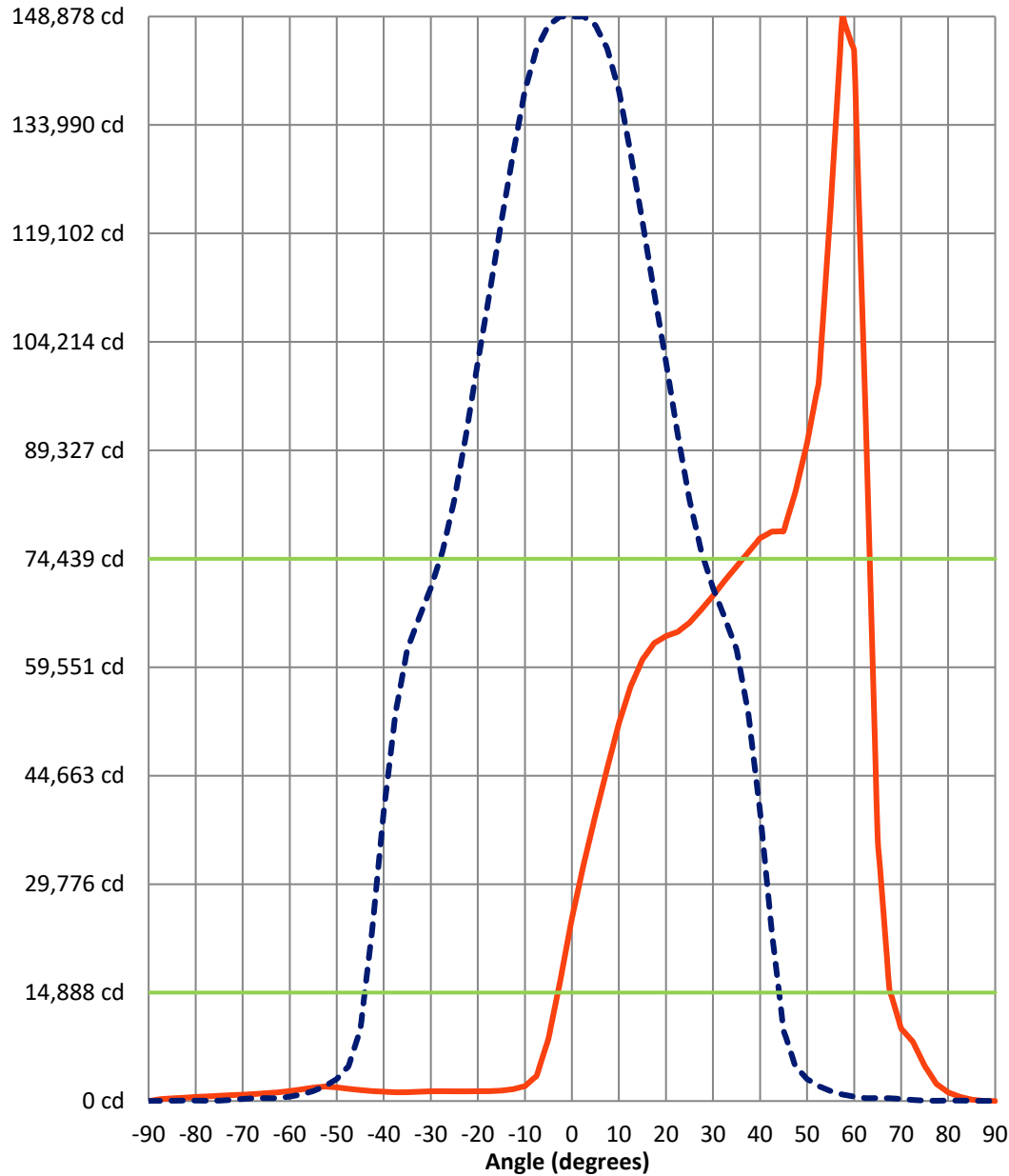
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 56°
 V Angle: 27°
 Lumens: 41969.4
 Efficiency: 35.1%

Field:
 H Angle: 88.1°
 V Angle: 70.7°
 Lumens: 112033.4
 Efficiency: 93.8%

Spill:
 Lumens: 7430.7
 Efficiency: 6.2%

— Vertical Distribution through 2.5-Deg
 - - - Horizontal Distribution through 57.5-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	2.0	4.0	5.9	7.9	9.8	11.8	13.7	15.6	17.4	19.2
85°	0.0	4.0	7.9	11.9	15.8	19.7	23.5	27.3	31.1	34.8	37.3
82.5°	0.0	5.9	11.9	17.8	23.6	29.5	35.2	38.4	40.9	43.4	45.8
80°	0.0	7.9	15.8	23.6	31.4	37.6	41.1	44.4	47.8	51.1	49.0
77.5°	0.0	9.8	19.7	29.5	37.7	41.9	46.2	50.4	49.4	43.2	31.5
75°	0.0	11.8	23.5	35.2	41.4	46.2	51.3	48.2	39.0	31.2	28.8
72.5°	0.0	13.7	27.3	39.5	45.2	50.4	46.2	40.8	29.6	56.0	64.5
70°	0.0	15.6	31.1	43.4	49.1	49.6	37.7	32.6	65.5	103.0	114.6
67.5°	0.0	17.4	34.8	47.3	53.3	43.6	29.5	48.7	102.5	164.0	196.6
65°	0.0	19.2	37.9	51.2	55.3	37.9	30.6	66.4	142.7	234.0	275.9
62.5°	0.0	21.0	40.6	55.1	56.6	32.7	40.9	81.4	193.7	296.5	333.9
60°	0.0	22.7	43.2	59.0	59.5	34.1	49.4	116.9	243.5	343.7	373.7
57.5°	0.0	24.4	45.7	63.0	64.2	43.7	56.2	152.8	288.3	391.1	399.0
55°	0.0	26.1	48.0	68.6	70.7	53.7	105.8	200.9	336.5	436.2	452.6
52.5°	0.0	27.7	50.3	74.5	80.3	64.8	146.6	259.0	388.4	480.1	557.1
50°	0.0	29.2	52.4	80.7	95.9	83.3	174.0	310.0	428.0	526.7	634.5
47.5°	0.0	30.7	54.4	87.2	110.9	104.2	189.5	352.1	468.3	579.3	711.9
45°	0.0	32.2	56.3	94.0	123.6	125.0	213.8	388.0	509.4	630.0	793.4
42.5°	0.0	33.5	58.1	101.0	136.6	145.6	244.2	420.3	549.1	688.0	872.3
40°	0.0	34.9	59.7	106.0	149.7	166.1	285.3	448.5	583.3	746.4	943.8
37.5°	0.0	36.1	61.1	109.3	163.0	186.3	326.0	472.9	611.9	792.5	1007.3
35°	0.0	37.0	63.1	113.2	175.3	211.5	350.0	492.2	638.9	833.2	1070.2
32.5°	0.0	37.7	65.0	116.9	186.9	235.4	365.8	508.0	667.7	866.4	1114.2
30°	0.0	38.4	66.7	119.7	198.5	255.6	379.1	521.4	691.8	889.2	1136.0
27.5°	0.0	39.0	68.6	121.7	200.1	272.2	392.9	532.4	710.3	904.0	1150.7
25°	0.0	39.6	70.4	123.0	200.3	285.4	405.5	541.1	723.1	922.3	1190.6
22.5°	0.0	40.2	72.0	123.5	200.1	293.1	416.0	549.8	731.7	942.1	1214.1
20°	0.0	40.6	73.4	123.3	199.5	293.7	424.0	559.0	740.2	952.0	1215.4
17.5°	0.0	41.1	74.7	125.0	198.6	293.0	426.9	565.8	749.0	958.1	1207.6
15°	0.0	41.4	75.8	127.2	197.2	292.1	427.5	571.3	754.8	965.7	1205.0
12.5°	0.0	41.8	76.7	129.1	197.2	291.2	427.3	574.6	754.7	968.0	1201.9
10°	0.0	42.0	77.5	130.7	197.2	292.2	426.2	574.4	748.7	957.0	1186.4
7.5°	0.0	42.2	78.1	131.9	196.4	294.2	424.2	571.3	739.1	941.6	1166.6
5°	0.0	42.4	78.6	132.8	194.8	294.5	421.2	566.4	726.3	923.6	1140.9
2.5°	0.0	42.4	78.8	133.3	192.7	293.4	416.7	559.1	710.3	902.5	1112.0
0°	0.0	42.5	78.9	133.5	190.1	291.2	410.6	549.6	691.7	876.8	1080.1
-2.5°	0.0	42.4	78.5	133.0	189.2	287.4	402.7	536.4	683.9	858.9	1051.7
-5°	0.0	42.4	77.9	132.2	187.9	282.5	393.6	521.3	673.4	837.5	1020.2
-7.5°	0.0	42.2	77.1	131.0	186.2	276.5	383.8	503.9	658.4	811.6	986.5
-10°	0.0	42.0	76.2	129.4	184.1	269.1	373.7	488.8	636.4	782.6	947.6
-12.5°	0.0	41.8	75.2	127.3	181.7	261.4	361.3	473.8	612.2	753.0	912.3
-15°	0.0	41.4	74.0	124.9	179.1	254.3	346.8	458.3	586.8	723.6	883.4
-17.5°	0.0	41.1	72.8	121.9	176.1	247.9	329.8	440.9	561.5	691.9	847.1
-20°	0.0	40.6	71.5	118.3	172.2	241.6	311.6	419.7	536.1	659.3	801.5



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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	40.2	70.0	114.1	167.4	234.8	298.5	395.7	510.9	624.1	758.6
-25°	0.0	39.6	68.5	109.8	161.6	227.3	287.2	371.6	486.3	584.9	722.1
-27.5°	0.0	39.0	67.0	105.6	154.8	219.1	276.1	353.8	460.0	557.3	681.5
-30°	0.0	38.4	65.4	101.4	147.3	210.6	265.8	336.1	434.0	535.6	646.0
-32.5°	0.0	37.7	63.8	97.3	142.5	201.6	257.5	318.5	409.1	512.2	612.0
-35°	0.0	37.0	62.0	93.3	137.9	192.4	248.5	301.3	382.6	487.3	577.7
-37.5°	0.0	36.1	60.3	89.8	134.0	183.8	238.4	286.5	358.3	458.5	546.3
-40°	0.0	34.9	58.6	86.9	131.2	176.9	226.7	274.7	339.9	427.0	516.4
-42.5°	0.0	33.5	56.9	84.1	127.8	169.5	214.4	262.4	322.2	398.1	485.9
-45°	0.0	32.2	55.0	81.5	123.9	161.9	201.5	249.8	305.2	373.6	453.5
-47.5°	0.0	30.7	53.1	78.4	119.5	153.9	188.1	238.1	292.6	349.1	421.6
-50°	0.0	29.2	51.1	74.8	113.7	145.5	177.5	224.6	275.9	320.3	390.8
-52.5°	0.0	27.7	49.1	70.7	107.3	137.8	167.2	210.3	259.1	300.2	361.0
-55°	0.0	26.1	46.9	66.1	100.4	129.8	156.5	196.0	240.0	279.8	328.8
-57.5°	0.0	24.4	44.7	61.1	93.4	121.5	147.2	186.7	220.3	256.5	302.8
-60°	0.0	22.7	42.4	57.6	86.4	113.1	138.4	175.7	201.2	239.6	280.2
-62.5°	0.0	21.0	40.1	54.1	79.4	104.8	128.1	163.3	187.2	224.2	257.8
-65°	0.0	19.2	37.7	50.5	72.5	96.8	116.3	147.6	170.9	202.6	232.8
-67.5°	0.0	17.4	34.8	46.9	66.1	88.9	106.4	132.8	157.2	181.3	213.5
-70°	0.0	15.6	31.1	43.2	60.0	81.0	99.6	119.5	147.7	166.7	196.5
-72.5°	0.0	13.7	27.3	39.4	53.4	73.9	93.1	109.7	138.5	155.1	180.0
-75°	0.0	11.8	23.5	35.2	46.4	67.5	85.9	98.6	120.2	140.0	163.4
-77.5°	0.0	9.8	19.7	29.5	39.1	61.3	75.6	86.1	100.5	122.3	142.3
-80°	0.0	7.9	15.8	23.6	31.4	55.2	64.8	72.7	82.7	104.0	118.1
-82.5°	0.0	5.9	11.9	17.8	23.6	43.6	52.9	59.1	65.8	78.5	95.7
-85°	0.0	4.0	7.9	11.9	15.8	29.3	35.3	41.0	46.6	52.2	74.5
-87.5°	0.0	2.0	4.0	5.9	7.9	14.7	17.7	20.5	23.3	26.1	38.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	21.0	22.7	24.4	26.1	27.7	29.2	30.7	32.2	33.5	34.9	36.1
85°	38.9	40.4	44.6	46.9	49.1	51.1	53.1	58.0	60.2	65.9	60.6
82.5°	48.2	50.5	59.5	54.4	49.4	41.3	37.9	41.5	35.8	54.0	26.3
80°	40.6	33.6	27.6	23.4	20.5	18.2	29.8	42.1	25.3	23.8	18.6
77.5°	18.2	14.6	19.2	35.5	36.6	36.4	92.4	95.9	90.3	101.9	89.4
75°	28.4	21.3	29.8	94.0	131.7	223.6	281.0	281.2	354.8	508.3	760.5
72.5°	52.0	49.7	103.4	213.5	300.7	440.1	556.5	722.7	1039.2	1594.1	2794.9
70°	115.1	101.3	214.7	398.5	535.3	788.7	1174.7	1581.6	2463.0	3657.1	5117.4
67.5°	180.2	229.2	404.4	566.7	828.3	1193.9	1912.1	3093.7	4585.1	6408.3	8492.7
65°	228.4	332.6	519.3	693.1	1078.0	1408.8	2583.4	4314.7	6523.8	10332.5	17096.3
62.5°	276.5	416.1	629.4	900.7	1347.6	1969.8	3238.7	5101.6	8247.8	17014.8	29271.6
60°	334.6	502.9	767.4	1138.0	1721.5	2521.9	3700.1	6602.1	13590.0	27254.1	42358.9
57.5°	395.4	611.3	899.0	1371.8	2045.7	3022.8	4795.6	9771.4	23263.9	39763.2	53237.3
55°	491.8	716.1	984.3	1545.9	2358.7	3620.4	7225.2	16667.1	33957.0	50439.4	59657.8
52.5°	589.7	826.4	1088.6	1698.0	2715.7	4697.0	10677.7	25909.5	42970.5	55839.6	62616.3
50°	741.8	954.2	1197.1	1877.5	3396.7	6446.5	16767.8	33935.6	49629.5	59021.8	64534.8
47.5°	868.8	1100.2	1258.2	2338.0	4485.2	9963.3	23619.8	40201.2	52955.5	60315.6	65485.7
45°	965.3	1188.4	1469.5	2848.8	6148.7	14977.9	28655.5	43939.7	53715.6	60228.8	64617.1
42.5°	1050.5	1220.8	1851.7	3590.1	8164.0	19128.5	33132.0	45876.2	54524.6	60272.5	64313.3
40°	1151.4	1385.8	2346.7	4569.9	10582.5	23060.0	37018.1	48867.6	56587.8	62358.5	66519.3
37.5°	1295.2	1654.7	3511.6	6615.0	13720.6	26715.6	40366.5	51338.4	59152.8	64375.5	68437.7
35°	1387.9	1972.1	4609.0	7753.7	16076.4	29765.6	42518.2	51826.6	58831.5	65739.0	69477.0
32.5°	1451.4	2497.0	4662.6	8286.8	17233.7	30673.5	42532.1	52079.2	58992.0	66255.4	69532.0
30°	1478.6	2709.9	4327.1	8017.0	18049.8	31313.3	42103.3	51815.2	58355.6	62987.9	66163.1
27.5°	1540.7	2662.9	4416.5	8849.7	19146.5	31808.7	41794.3	48927.7	55416.2	59497.6	62521.6
25°	1643.9	2707.7	4430.5	9618.1	20150.4	32124.0	40997.0	47537.4	52603.5	56129.9	58757.9
22.5°	1680.0	2665.4	4297.6	9629.4	20370.2	31319.1	39093.5	44789.6	49217.8	52451.6	54926.4
20°	1636.5	2549.6	4298.8	10012.4	19885.4	29583.5	36363.8	41399.3	45193.2	48147.9	50782.2
17.5°	1608.1	2380.7	4236.0	9698.2	18928.6	27548.3	33370.2	37754.9	41084.7	43827.8	46561.2
15°	1557.3	2220.4	3884.5	8855.7	17483.3	24959.0	30375.6	34313.3	37406.2	40001.3	42668.4
12.5°	1508.7	2033.9	3402.6	7736.4	15446.0	22654.9	27614.7	31325.2	34210.8	36672.3	39223.0
10°	1442.7	1907.4	2991.5	6736.1	13093.6	19681.7	24892.4	28533.6	31199.8	33485.4	35851.5
7.5°	1396.5	1781.0	2695.0	6003.4	11825.8	17377.7	22078.7	25390.8	27909.8	30047.3	32207.8
5°	1345.1	1663.1	2444.8	5116.0	10142.6	15125.7	18821.0	21798.2	24026.2	25861.9	27690.4
2.5°	1315.6	1559.3	2183.4	4158.0	8116.4	12206.5	15173.6	17635.0	19470.9	20910.0	22394.8
0°	1283.3	1456.2	1942.7	3252.3	6072.7	9230.9	11395.1	13158.7	14474.9	15436.1	16504.5
-2.5°	1246.3	1452.4	1802.6	2643.5	4510.5	6676.8	8169.4	9308.2	10126.5	10585.6	11081.3
-5°	1206.3	1431.3	1677.8	2187.6	3360.4	4769.2	5773.7	6468.0	6932.3	7024.2	7040.6
-7.5°	1182.2	1379.6	1578.0	1888.8	2577.0	3466.1	4099.0	4481.5	4729.0	4668.5	4426.3
-10°	1149.4	1338.4	1514.6	1735.4	2088.4	2623.8	2993.2	3138.1	3218.2	3183.7	2998.4
-12.5°	1094.6	1300.7	1465.6	1630.7	1857.3	2102.7	2299.3	2341.7	2369.1	2319.4	2239.1
-15°	1033.7	1254.6	1426.6	1561.4	1699.3	1819.7	1901.0	1918.8	1940.0	1948.7	1873.5
-17.5°	985.8	1201.9	1392.1	1523.7	1602.7	1684.0	1702.8	1740.9	1795.0	1794.4	1773.7
-20°	944.6	1161.1	1364.9	1495.1	1554.8	1603.6	1612.8	1660.8	1765.6	1771.5	1721.3



REPORT NUMBER: P902085 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-MB-LTM

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	909.5	1111.6	1312.6	1474.4	1521.9	1559.0	1579.0	1617.4	1695.7	1750.5	1723.7
-25°	868.1	1056.6	1250.8	1388.8	1468.4	1503.3	1533.4	1579.9	1683.2	1753.7	1773.6
-27.5°	809.8	996.6	1193.2	1322.4	1399.3	1453.0	1481.5	1527.0	1644.6	1754.4	1797.5
-30°	754.4	931.7	1129.2	1261.4	1354.9	1417.6	1457.2	1513.1	1624.6	1750.7	1764.9
-32.5°	716.0	862.0	1040.6	1168.8	1287.8	1360.0	1415.2	1502.1	1595.2	1702.1	1648.3
-35°	680.9	790.3	971.2	1072.8	1215.6	1299.7	1363.3	1481.8	1563.8	1591.7	1460.3
-37.5°	643.2	746.2	883.2	1004.1	1134.2	1237.7	1298.7	1399.9	1466.4	1433.8	1321.0
-40°	608.6	709.4	805.1	957.2	1055.6	1176.2	1253.8	1334.0	1331.8	1256.4	1243.3
-42.5°	573.1	668.4	758.7	888.5	998.6	1106.5	1227.6	1267.0	1219.7	1190.0	1201.7
-45°	533.7	620.6	715.4	814.1	935.4	1048.7	1170.5	1237.4	1161.8	1184.5	1198.1
-47.5°	494.0	575.6	667.1	765.8	882.9	1015.6	1116.5	1160.0	1168.9	1217.9	1258.6
-50°	459.0	539.2	618.7	713.3	825.9	975.4	1042.9	1093.9	1196.5	1284.3	1354.9
-52.5°	419.5	500.0	568.7	654.0	754.1	877.4	955.6	1042.8	1167.5	1296.2	1386.7
-55°	384.2	453.4	511.8	594.2	693.0	774.0	831.5	930.7	1060.7	1191.1	1315.0
-57.5°	350.5	407.6	462.8	535.1	620.0	682.1	718.6	804.0	935.7	1065.2	1165.9
-60°	321.9	372.6	417.8	485.8	545.1	590.0	631.3	711.2	810.2	920.2	1021.9
-62.5°	293.9	339.3	377.3	441.1	505.2	519.9	556.9	627.4	709.3	801.2	886.9
-65°	268.4	303.0	342.8	400.1	465.6	455.0	494.4	552.2	622.8	689.7	772.9
-67.5°	245.7	280.3	317.3	366.2	416.3	407.5	440.2	492.8	551.5	597.1	673.3
-70°	227.7	259.4	292.2	333.3	367.7	368.7	401.2	460.2	496.2	535.2	596.6
-72.5°	210.1	233.7	261.8	301.5	338.5	351.7	374.0	409.2	437.8	472.1	519.7
-75°	190.3	207.7	230.0	272.5	304.2	340.4	377.9	402.3	397.0	408.3	453.9
-77.5°	167.5	185.0	202.0	238.7	263.2	299.5	334.6	366.4	362.3	359.7	388.3
-80°	136.9	156.1	172.0	201.3	230.7	249.6	278.5	313.0	311.3	315.1	324.7
-82.5°	107.7	124.8	141.4	167.3	181.0	196.4	219.0	257.2	252.7	247.0	253.1
-85°	80.2	87.8	96.2	111.0	135.9	145.8	158.9	188.8	189.1	183.1	193.0
-87.5°	42.0	45.5	48.9	52.2	82.8	87.7	92.2	96.5	117.2	139.2	144.4
-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°	37.0	37.7	38.4	39.5	40.7	41.4	42.1	46.5	49.8	51.6	61.6
85°	58.2	54.8	53.3	61.7	74.8	74.5	74.4	95.5	114.1	134.2	199.8
82.5°	8.3	8.0	28.3	78.9	125.4	123.4	135.1	179.4	250.9	354.9	468.8
80°	25.2	40.3	119.9	289.4	446.5	553.5	584.9	777.2	950.0	1118.6	1067.1
77.5°	189.0	353.3	521.1	759.8	1031.0	1307.6	1519.1	1965.4	2280.4	2515.0	2529.3
75°	1353.7	2064.7	2298.3	2304.7	2482.0	2910.5	3566.7	4566.5	4992.1	5138.1	5278.4
72.5°	4346.3	5184.1	5512.8	6494.5	8000.0	8953.9	9248.1	9182.2	8872.2	8625.1	8524.7
70°	6556.3	7896.4	9410.1	12185.1	15458.7	17581.9	17217.5	15671.1	13749.0	11991.6	10853.1
67.5°	11358.9	16101.8	21013.6	25927.4	31573.2	35074.8	34684.1	31277.5	26639.0	22040.4	18993.8
65°	24744.1	32941.6	40556.4	46981.8	53941.5	61960.0	66907.0	66215.6	60530.6	54632.7	48653.9
62.5°	40671.8	49584.3	56593.4	63073.5	71912.5	84317.6	97532.4	107539.8	109606.3	108003.4	104290.0
60°	53984.0	60488.9	65753.4	71736.9	80227.2	92126.5	107019.8	120486.6	129864.2	136678.9	140914.8
57.5°	62004.8	66330.1	70442.6	75482.1	82537.3	91493.2	101459.5	110944.9	120740.9	130026.1	138695.4
55°	65568.8	69080.6	73075.3	77576.3	82757.6	88510.1	93716.3	98654.0	103881.4	108468.4	113198.1
52.5°	66688.2	70038.3	73580.8	77689.6	81353.0	85055.1	87677.5	89947.3	92317.8	94464.6	95914.8
50°	68352.9	71112.3	74512.1	77878.7	81354.9	83590.7	85096.7	86358.7	87398.7	88381.8	89240.8
47.5°	68918.4	71950.3	75138.4	78352.4	81391.3	82917.3	83469.8	84336.5	84444.9	84132.0	84038.2
45°	67951.1	71102.9	74118.4	77350.5	79571.5	80439.0	80781.3	81062.3	80778.7	80029.9	79420.2
42.5°	67943.5	71153.5	74317.5	77259.2	79065.9	79745.3	80196.6	79782.3	79834.0	79115.5	78344.0
40°	69934.3	73328.7	76189.3	77690.0	79654.4	78757.3	77464.8	77245.7	77070.5	76775.2	76697.9
37.5°	71913.8	74432.5	74965.1	76203.9	76875.0	76479.2	75856.0	75269.3	74943.8	74953.7	74972.0
35°	72256.9	72538.3	72681.4	73824.7	74858.5	74837.0	74380.3	73816.7	73415.0	73290.8	73293.9
32.5°	70715.6	71260.1	71195.9	71653.6	72694.6	73177.5	72842.0	72340.4	71880.5	71667.9	71610.8
30°	68217.9	69367.5	69727.3	69843.8	70483.4	71201.5	71206.7	70802.6	70296.0	70072.7	69955.5
27.5°	65021.6	66786.4	67861.7	68167.1	68453.9	69159.9	69451.7	69060.2	68561.0	68349.7	68256.4
25°	61336.0	63589.7	65343.2	65874.9	66279.9	67080.8	67493.0	67206.1	66832.3	66664.8	66550.7
22.5°	57472.7	60159.3	62238.6	63026.6	63878.6	64988.3	65566.4	65483.4	65384.0	65340.2	65257.4
20°	53582.1	56565.3	58749.4	60011.3	61395.6	62952.9	63858.5	64137.4	64177.0	64324.0	64422.7
17.5°	49621.6	52841.1	55400.9	56799.6	58710.8	60638.7	61868.9	62356.1	62731.4	63099.5	63469.0
15°	45772.9	49033.8	51626.2	53369.3	55376.2	57484.6	58877.0	59626.3	60256.7	60846.8	61165.1
12.5°	42132.6	45216.5	47578.7	49306.2	51357.6	53379.3	54672.4	55591.5	56290.3	56972.6	57453.7
10°	38467.3	41175.3	43135.1	44654.6	46456.2	48228.2	49511.4	50281.1	50941.9	51645.4	52185.1
7.5°	34428.7	36641.9	38234.2	39478.2	41053.2	42553.8	43633.2	44270.1	44790.0	45380.0	45885.2
5°	29661.2	31563.3	32877.7	33875.8	35220.5	36511.7	37432.8	37933.7	38387.6	38900.3	39316.1
2.5°	24030.8	25614.9	26723.6	27556.3	28698.4	29884.1	30801.0	31263.1	31673.8	32091.8	32433.0
0°	17691.3	18864.4	19703.7	20337.8	21279.2	22361.1	23208.8	23651.8	23993.0	24340.1	24719.6
-2.5°	11620.7	12228.2	12679.2	12916.8	13514.9	14224.1	14755.2	15063.8	15314.1	15653.3	16024.7
-5°	7036.5	7102.0	7195.4	7071.1	7226.0	7427.0	7532.0	7557.0	7651.5	7842.4	7775.0
-7.5°	4252.7	4120.8	3967.5	3867.0	3762.7	3648.9	3532.0	3433.3	3388.1	2989.9	3429.7
-10°	2810.8	2574.3	2499.3	2391.1	2298.0	2239.4	2175.1	2107.1	2089.6	1963.0	1982.3
-12.5°	2073.0	1981.7	1902.5	1859.6	1836.0	1816.3	1802.8	1697.9	1476.3	1476.6	1523.1
-15°	1802.7	1762.9	1737.6	1718.1	1709.8	1677.2	1556.5	1396.5	1409.2	1407.4	1402.8
-17.5°	1725.5	1686.1	1671.3	1659.4	1595.4	1452.4	1332.2	1348.6	1346.0	1364.4	1346.4
-20°	1674.5	1647.1	1608.7	1530.4	1367.7	1268.4	1287.3	1295.6	1313.8	1320.8	1330.8



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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°	1682.8	1617.5	1504.6	1341.9	1237.4	1259.5	1263.6	1272.9	1288.5	1301.4	1328.6
-25°	1707.7	1572.2	1378.1	1243.2	1251.6	1256.0	1257.2	1265.4	1275.1	1292.9	1327.9
-27.5°	1761.0	1546.7	1330.8	1275.1	1281.7	1257.5	1256.0	1274.2	1292.5	1320.9	1328.8
-30°	1652.3	1440.7	1358.6	1332.5	1285.9	1253.1	1258.1	1271.6	1282.0	1319.6	1326.0
-32.5°	1465.2	1341.5	1284.6	1267.9	1233.4	1216.7	1218.8	1250.3	1262.5	1263.7	1277.9
-35°	1297.9	1251.3	1209.5	1194.1	1188.5	1174.4	1174.4	1218.1	1230.6	1216.7	1206.4
-37.5°	1231.0	1187.5	1188.0	1183.8	1174.7	1166.1	1187.9	1201.2	1201.6	1198.3	1194.3
-40°	1190.3	1182.0	1184.5	1184.2	1183.3	1173.7	1183.4	1192.6	1199.7	1212.3	1222.3
-42.5°	1196.8	1198.1	1191.2	1195.0	1189.8	1195.6	1211.3	1246.4	1247.9	1298.9	1319.0
-45°	1216.4	1226.4	1233.9	1261.3	1260.0	1285.8	1301.6	1360.7	1388.8	1424.4	1439.0
-47.5°	1292.7	1324.6	1350.5	1374.2	1401.6	1427.4	1451.4	1498.2	1569.9	1586.6	1619.6
-50°	1408.5	1435.1	1457.8	1494.3	1531.6	1573.3	1624.9	1705.0	1767.4	1792.5	1827.0
-52.5°	1450.9	1489.0	1542.3	1548.2	1599.3	1656.3	1711.7	1774.3	1845.3	1895.2	1919.8
-55°	1416.9	1444.2	1475.4	1500.7	1516.5	1588.6	1638.6	1694.2	1754.2	1779.4	1830.7
-57.5°	1213.5	1291.3	1347.6	1386.1	1403.0	1443.8	1487.5	1535.1	1618.5	1660.6	1628.1
-60°	1115.4	1156.4	1188.0	1226.6	1267.7	1316.9	1374.2	1403.2	1399.4	1395.1	1393.2
-62.5°	970.5	1036.8	1095.3	1135.1	1157.8	1211.7	1204.9	1212.0	1225.4	1221.8	1215.0
-65°	836.1	895.6	956.9	1003.1	1049.4	1078.3	1089.1	1093.5	1099.3	1094.9	1091.6
-67.5°	728.5	785.3	842.3	888.0	926.4	949.1	969.6	985.4	993.4	991.9	980.3
-70°	638.7	687.9	736.6	776.4	812.8	844.5	869.0	887.5	896.4	896.3	898.7
-72.5°	564.7	601.4	642.0	672.1	695.1	726.1	763.1	782.7	789.3	796.7	803.7
-75°	482.3	511.2	548.4	570.8	597.0	624.7	654.2	669.4	689.2	698.0	703.0
-77.5°	412.0	441.4	467.3	489.8	516.5	530.6	545.8	568.5	586.1	599.8	614.3
-80°	348.5	375.4	409.5	425.3	438.0	459.1	482.6	492.4	513.8	532.7	540.3
-82.5°	286.6	302.2	342.4	351.3	358.8	370.4	398.7	407.5	420.9	442.3	448.4
-85°	226.1	231.7	267.3	270.7	289.6	296.0	332.7	338.1	337.7	357.9	363.0
-87.5°	165.1	167.1	171.5	189.8	194.3	212.6	235.9	237.8	253.3	258.9	260.0
-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):

	-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°	70.3	46.0	22.2	22.3	22.2	46.0	70.3	61.6	51.6	49.8	46.5
85°	235.7	216.0	196.8	201.3	196.8	216.0	235.7	199.8	134.2	114.1	95.5
82.5°	527.4	561.8	580.0	583.5	580.0	561.8	527.4	468.8	354.9	250.9	179.4
80°	1157.0	1136.6	1192.0	1158.9	1192.0	1136.6	1157.0	1067.1	1118.6	950.0	777.2
77.5°	2571.6	2467.4	2363.7	2202.6	2363.7	2467.4	2571.6	2529.3	2515.0	2280.4	1965.4
75°	5306.3	5136.9	4846.1	4696.4	4846.1	5136.9	5306.3	5278.4	5138.1	4992.1	4566.5
72.5°	8463.0	8332.5	8131.8	8045.7	8131.8	8332.5	8463.0	8524.7	8625.1	8872.2	9182.2
70°	10353.6	10109.4	9972.7	9920.6	9972.7	10109.4	10353.6	10853.1	11991.6	13749.0	15671.1
67.5°	17208.5	16092.9	15407.7	15105.0	15407.7	16092.9	17208.5	18993.8	22040.4	26639.0	31277.5
65°	43369.1	39251.5	36308.3	34927.5	36308.3	39251.5	43369.1	48653.9	54632.7	60530.6	66215.6
62.5°	100114.0	96422.5	93091.0	91169.6	93091.0	96422.5	100114.0	104290.0	108003.4	109606.3	107539.8
60°	143326.4	144514.2	144130.3	143291.7	144130.3	144514.2	143326.4	140914.8	136678.9	129864.2	120486.6
57.5°	144477.5	147672.8	148877.7	148857.8	148877.7	147672.8	144477.5	138695.4	130026.1	120740.9	110944.9
55°	117688.5	121001.6	122574.2	122941.8	122574.2	121001.6	117688.5	113198.1	108468.4	103881.4	98654.0
52.5°	97488.7	98575.4	98826.8	98733.9	98826.8	98575.4	97488.7	95914.8	94464.6	92317.8	89947.3
50°	90083.0	90454.0	90325.1	90116.8	90325.1	90454.0	90083.0	89240.8	88381.8	87398.7	86358.7
47.5°	84045.7	83915.4	83579.9	83390.9	83579.9	83915.4	84045.7	84038.2	84132.0	84444.9	84336.5
45°	79137.3	78611.7	78229.2	77914.8	78229.2	78611.7	79137.3	79420.2	80029.9	80778.7	81062.3
42.5°	78007.0	77959.9	78161.3	78178.7	78161.3	77959.9	78007.0	78344.0	79115.5	79834.0	79782.3
40°	76673.9	76910.8	77264.4	77289.8	77264.4	76910.8	76673.9	76697.9	76775.2	77070.5	77245.7
37.5°	74904.6	75051.7	75324.6	75350.2	75324.6	75051.7	74904.6	74972.0	74953.7	74943.8	75269.3
35°	73139.0	73182.7	73386.4	73410.5	73386.4	73182.7	73139.0	73293.9	73290.8	73415.0	73816.7
32.5°	71409.9	71328.4	71443.8	71455.8	71443.8	71328.4	71409.9	71610.8	71667.9	71880.5	72340.4
30°	69720.2	69472.0	69365.9	69363.4	69365.9	69472.0	69720.2	69955.5	70072.7	70296.0	70802.6
27.5°	68001.6	67658.2	67460.1	67434.9	67460.1	67658.2	68001.6	68256.4	68349.7	68561.0	69060.2
25°	66216.0	65875.0	65667.7	65591.6	65667.7	65875.0	66216.0	66550.7	66664.8	66832.3	67206.1
22.5°	65002.3	64655.7	64410.7	64386.5	64410.7	64655.7	65002.3	65257.4	65340.2	65384.0	65483.4
20°	64270.0	64032.4	63825.1	63837.8	63825.1	64032.4	64270.0	64422.7	64324.0	64177.0	64137.4
17.5°	63253.2	63067.0	62855.2	62693.0	62855.2	63067.0	63253.2	63469.0	63099.5	62731.4	62356.1
15°	61047.3	60859.9	60594.5	60296.2	60594.5	60859.9	61047.3	61165.1	60846.8	60256.7	59626.3
12.5°	57397.1	57180.4	56925.4	56668.6	56925.4	57180.4	57397.1	57453.7	56972.6	56290.3	55591.5
10°	52239.8	52022.0	51870.2	51714.6	51870.2	52022.0	52239.8	52185.1	51645.4	50941.9	50281.1
7.5°	46030.4	45860.4	45656.8	45582.3	45656.8	45860.4	46030.4	45885.2	45380.0	44790.0	44270.1
5°	39477.0	39387.8	39242.6	39212.1	39242.6	39387.8	39477.0	39316.1	38900.3	38387.6	37933.7
2.5°	32557.8	32588.2	32495.8	32441.7	32495.8	32588.2	32557.8	32433.0	32091.8	31673.8	31263.1
0°	24920.8	25024.7	25076.2	25120.1	25076.2	25024.7	24920.8	24719.6	24340.1	23993.0	23651.8
-2.5°	16341.1	16470.7	16445.9	16491.2	16445.9	16470.7	16341.1	16024.7	15653.3	15314.1	15063.8
-5°	8291.5	8482.9	8532.6	8637.0	8532.6	8482.9	8291.5	7775.0	7842.4	7651.5	7557.0
-7.5°	3451.6	3602.6	3470.3	3698.3	3470.3	3602.6	3451.6	3429.7	2989.9	3388.1	3433.3
-10°	1943.0	2032.7	2046.4	2056.9	2046.4	2032.7	1943.0	1982.3	1963.0	2089.6	2107.1
-12.5°	1581.9	1618.9	1629.1	1640.0	1629.1	1618.9	1581.9	1523.1	1476.6	1476.3	1697.9
-15°	1420.2	1439.4	1435.4	1446.1	1435.4	1439.4	1420.2	1402.8	1407.4	1409.2	1396.5
-17.5°	1354.4	1346.4	1355.8	1359.7	1355.8	1346.4	1354.4	1346.4	1364.4	1346.0	1348.6
-20°	1336.6	1342.3	1345.8	1347.0	1345.8	1342.3	1336.6	1330.8	1320.8	1313.8	1295.6



REPORT NUMBER: P902085 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-MB-LTM

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1329.2	1329.9	1329.7	1329.3	1329.7	1329.9	1329.2	1328.6	1301.4	1288.5	1272.9
-25°	1328.8	1328.3	1332.2	1333.7	1332.2	1328.3	1328.8	1327.9	1292.9	1275.1	1265.4
-27.5°	1328.3	1341.1	1345.7	1346.0	1345.7	1341.1	1328.3	1328.8	1320.9	1292.5	1274.2
-30°	1315.3	1326.8	1340.9	1359.2	1340.9	1326.8	1315.3	1326.0	1319.6	1282.0	1271.6
-32.5°	1253.5	1247.0	1281.5	1286.4	1281.5	1247.0	1253.5	1277.9	1263.7	1262.5	1250.3
-35°	1194.7	1196.1	1209.5	1223.6	1209.5	1196.1	1194.7	1206.4	1216.7	1230.6	1218.1
-37.5°	1190.1	1190.4	1200.5	1200.4	1200.5	1190.4	1190.1	1194.3	1198.3	1201.6	1201.2
-40°	1227.6	1260.0	1284.1	1292.4	1284.1	1260.0	1227.6	1222.3	1212.3	1199.7	1192.6
-42.5°	1342.2	1358.2	1366.7	1339.9	1366.7	1358.2	1342.2	1319.0	1298.9	1247.9	1246.4
-45°	1491.0	1495.6	1509.4	1521.0	1509.4	1495.6	1491.0	1439.0	1424.4	1388.8	1360.7
-47.5°	1644.0	1681.3	1678.8	1677.7	1678.8	1681.3	1644.0	1619.6	1586.6	1569.9	1498.2
-50°	1855.7	1869.9	1877.7	1854.7	1877.7	1869.9	1855.7	1827.0	1792.5	1767.4	1705.0
-52.5°	1941.7	1983.6	1995.3	2001.3	1995.3	1983.6	1941.7	1919.8	1895.2	1845.3	1774.3
-55°	1852.8	1839.9	1837.2	1848.6	1837.2	1839.9	1852.8	1830.7	1779.4	1754.2	1694.2
-57.5°	1608.3	1587.7	1595.2	1598.8	1595.2	1587.7	1608.3	1628.1	1660.6	1618.5	1535.1
-60°	1363.4	1369.6	1374.9	1377.4	1374.9	1369.6	1363.4	1393.2	1395.1	1399.4	1403.2
-62.5°	1213.3	1215.5	1194.9	1204.4	1194.9	1215.5	1213.3	1215.0	1221.8	1225.4	1212.0
-65°	1085.2	1080.9	1079.2	1080.1	1079.2	1080.9	1085.2	1091.6	1094.9	1099.3	1093.5
-67.5°	978.9	972.4	961.7	955.7	961.7	972.4	978.9	980.3	991.9	993.4	985.4
-70°	889.2	889.2	874.4	873.7	874.4	889.2	889.2	898.7	896.3	896.4	887.5
-72.5°	805.3	806.6	809.4	810.0	809.4	806.6	805.3	803.7	796.7	789.3	782.7
-75°	713.2	725.4	727.6	728.1	727.6	725.4	713.2	703.0	698.0	689.2	669.4
-77.5°	618.2	634.6	639.6	640.1	639.6	634.6	618.2	614.3	599.8	586.1	568.5
-80°	543.0	552.4	565.7	566.3	565.7	552.4	543.0	540.3	532.7	513.8	492.4
-82.5°	453.8	455.1	455.9	456.1	455.9	455.1	453.8	448.4	442.3	420.9	407.5
-85°	371.7	372.6	373.0	373.2	373.0	372.6	371.7	363.0	357.9	337.7	338.1
-87.5°	261.8	262.4	262.8	262.9	262.8	262.4	261.8	260.0	258.9	253.3	237.8
-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: P902085 (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°	42.1	41.4	40.7	39.5	38.4	37.7	37.0	36.1	34.9	33.5	32.2
85°	74.4	74.5	74.8	61.7	53.3	54.8	58.2	60.6	65.9	60.2	58.0
82.5°	135.1	123.4	125.4	78.9	28.3	8.0	8.3	26.3	54.0	35.8	41.5
80°	584.9	553.5	446.5	289.4	119.9	40.3	25.2	18.6	23.8	25.3	42.1
77.5°	1519.1	1307.6	1031.0	759.8	521.1	353.3	189.0	89.4	101.9	90.3	95.9
75°	3566.7	2910.5	2482.0	2304.7	2298.3	2064.7	1353.7	760.5	508.3	354.8	281.2
72.5°	9248.1	8953.9	8000.0	6494.5	5512.8	5184.1	4346.3	2794.9	1594.1	1039.2	722.7
70°	17217.5	17581.9	15458.7	12185.1	9410.1	7896.4	6556.3	5117.4	3657.1	2463.0	1581.6
67.5°	34684.1	35074.8	31573.2	25927.4	21013.6	16101.8	11358.9	8492.7	6408.3	4585.1	3093.7
65°	66907.0	61960.0	53941.5	46981.8	40556.4	32941.6	24744.1	17096.3	10332.5	6523.8	4314.7
62.5°	97532.4	84317.6	71912.5	63073.5	56593.4	49584.3	40671.8	29271.6	17014.8	8247.8	5101.6
60°	107019.8	92126.5	80227.2	71736.9	65753.4	60488.9	53984.0	42358.9	27254.1	13590.0	6602.1
57.5°	101459.5	91493.2	82537.3	75482.1	70442.6	66330.1	62004.8	53237.3	39763.2	23263.9	9771.4
55°	93716.3	88510.1	82757.6	77576.3	73075.3	69080.6	65568.8	59657.8	50439.4	33957.0	16667.1
52.5°	87677.5	85055.1	81353.0	77689.6	73580.8	70038.3	66688.2	62616.3	55839.6	42970.5	25909.5
50°	85096.7	83590.7	81354.9	77878.7	74512.1	71112.3	68352.9	64534.8	59021.8	49629.5	33935.6
47.5°	83469.8	82917.3	81391.3	78352.4	75138.4	71950.3	68918.4	65485.7	60315.6	52955.5	40201.2
45°	80781.3	80439.0	79571.5	77350.5	74118.4	71102.9	67951.1	64617.1	60228.8	53715.6	43939.7
42.5°	80196.6	79745.3	79065.9	77259.2	74317.5	71153.5	67943.5	64313.3	60272.5	54524.6	45876.2
40°	77464.8	78757.3	79654.4	77690.0	76189.3	73328.7	69934.3	66519.3	62358.5	56587.8	48867.6
37.5°	75856.0	76479.2	76875.0	76203.9	74965.1	74432.5	71913.8	68437.7	64375.5	59152.8	51338.4
35°	74380.3	74837.0	74858.5	73824.7	72681.4	72538.3	72256.9	69477.0	65739.0	58831.5	51826.6
32.5°	72842.0	73177.5	72694.6	71653.6	71195.9	71260.1	70715.6	69532.0	66255.4	58992.0	52079.2
30°	71206.7	71201.5	70483.4	69843.8	69727.3	69367.5	68217.9	66163.1	62987.9	58355.6	51815.2
27.5°	69451.7	69159.9	68453.9	68167.1	67861.7	66786.4	65021.6	62521.6	59497.6	55416.2	48927.7
25°	67493.0	67080.8	66279.9	65874.9	65343.2	63589.7	61336.0	58757.9	56129.9	52603.5	47537.4
22.5°	65566.4	64988.3	63878.6	63026.6	62238.6	60159.3	57472.7	54926.4	52451.6	49217.8	44789.6
20°	63858.5	62952.9	61395.6	60011.3	58749.4	56565.3	53582.1	50782.2	48147.9	45193.2	41399.3
17.5°	61868.9	60638.7	58710.8	56799.6	55400.9	52841.1	49621.6	46561.2	43827.8	41084.7	37754.9
15°	58877.0	57484.6	55376.2	53369.3	51626.2	49033.8	45772.9	42668.4	40001.3	37406.2	34313.3
12.5°	54672.4	53379.3	51357.6	49306.2	47578.7	45216.5	42132.6	39223.0	36672.3	34210.8	31325.2
10°	49511.4	48228.2	46456.2	44654.6	43135.1	41175.3	38467.3	35851.5	33485.4	31199.8	28533.6
7.5°	43633.2	42553.8	41053.2	39478.2	38234.2	36641.9	34428.7	32207.8	30047.3	27909.8	25390.8
5°	37432.8	36511.7	35220.5	33875.8	32877.7	31563.3	29661.2	27690.4	25861.9	24026.2	21798.2
2.5°	30801.0	29884.1	28698.4	27556.3	26723.6	25614.9	24030.8	22394.8	20910.0	19470.9	17635.0
0°	23208.8	22361.1	21279.2	20337.8	19703.7	18864.4	17691.3	16504.5	15436.1	14474.9	13158.7
-2.5°	14755.2	14224.1	13514.9	12916.8	12679.2	12228.2	11620.7	11081.3	10585.6	10126.5	9308.2
-5°	7532.0	7427.0	7226.0	7071.1	7195.4	7102.0	7036.5	7040.6	7024.2	6932.3	6468.0
-7.5°	3532.0	3648.9	3762.7	3867.0	3967.5	4120.8	4252.7	4426.3	4668.5	4729.0	4481.5
-10°	2175.1	2239.4	2298.0	2391.1	2499.3	2574.3	2810.8	2998.4	3183.7	3218.2	3138.1
-12.5°	1802.8	1816.3	1836.0	1859.6	1902.5	1981.7	2073.0	2239.1	2319.4	2369.1	2341.7
-15°	1556.5	1677.2	1709.8	1718.1	1737.6	1762.9	1802.7	1873.5	1948.7	1940.0	1918.8
-17.5°	1332.2	1452.4	1595.4	1659.4	1671.3	1686.1	1725.5	1773.7	1794.4	1795.0	1740.9
-20°	1287.3	1268.4	1367.7	1530.4	1608.7	1647.1	1674.5	1721.3	1771.5	1765.6	1660.8



REPORT NUMBER: P902085 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1263.6	1259.5	1237.4	1341.9	1504.6	1617.5	1682.8	1723.7	1750.5	1695.7	1617.4
-25°	1257.2	1256.0	1251.6	1243.2	1378.1	1572.2	1707.7	1773.6	1753.7	1683.2	1579.9
-27.5°	1256.0	1257.5	1281.7	1275.1	1330.8	1546.7	1761.0	1797.5	1754.4	1644.6	1527.0
-30°	1258.1	1253.1	1285.9	1332.5	1358.6	1440.7	1652.3	1764.9	1750.7	1624.6	1513.1
-32.5°	1218.8	1216.7	1233.4	1267.9	1284.6	1341.5	1465.2	1648.3	1702.1	1595.2	1502.1
-35°	1174.4	1174.4	1188.5	1194.1	1209.5	1251.3	1297.9	1460.3	1591.7	1563.8	1481.8
-37.5°	1187.9	1166.1	1174.7	1183.8	1188.0	1187.5	1231.0	1321.0	1433.8	1466.4	1399.9
-40°	1183.4	1173.7	1183.3	1184.2	1184.5	1182.0	1190.3	1243.3	1256.4	1331.8	1334.0
-42.5°	1211.3	1195.6	1189.8	1195.0	1191.2	1198.1	1196.8	1201.7	1190.0	1219.7	1267.0
-45°	1301.6	1285.8	1260.0	1261.3	1233.9	1226.4	1216.4	1198.1	1184.5	1161.8	1237.4
-47.5°	1451.4	1427.4	1401.6	1374.2	1350.5	1324.6	1292.7	1258.6	1217.9	1168.9	1160.0
-50°	1624.9	1573.3	1531.6	1494.3	1457.8	1435.1	1408.5	1354.9	1284.3	1196.5	1093.9
-52.5°	1711.7	1656.3	1599.3	1548.2	1542.3	1489.0	1450.9	1386.7	1296.2	1167.5	1042.8
-55°	1638.6	1588.6	1516.5	1500.7	1475.4	1444.2	1416.9	1315.0	1191.1	1060.7	930.7
-57.5°	1487.5	1443.8	1403.0	1386.1	1347.6	1291.3	1213.5	1165.9	1065.2	935.7	804.0
-60°	1374.2	1316.9	1267.7	1226.6	1188.0	1156.4	1115.4	1021.9	920.2	810.2	711.2
-62.5°	1204.9	1211.7	1157.8	1135.1	1095.3	1036.8	970.5	886.9	801.2	709.3	627.4
-65°	1089.1	1078.3	1049.4	1003.1	956.9	895.6	836.1	772.9	689.7	622.8	552.2
-67.5°	969.6	949.1	926.4	888.0	842.3	785.3	728.5	673.3	597.1	551.5	492.8
-70°	869.0	844.5	812.8	776.4	736.6	687.9	638.7	596.6	535.2	496.2	460.2
-72.5°	763.1	726.1	695.1	672.1	642.0	601.4	564.7	519.7	472.1	437.8	409.2
-75°	654.2	624.7	597.0	570.8	548.4	511.2	482.3	453.9	408.3	397.0	402.3
-77.5°	545.8	530.6	516.5	489.8	467.3	441.4	412.0	388.3	359.7	362.3	366.4
-80°	482.6	459.1	438.0	425.3	409.5	375.4	348.5	324.7	315.1	311.3	313.0
-82.5°	398.7	370.4	358.8	351.3	342.4	302.2	286.6	253.1	247.0	252.7	257.2
-85°	332.7	296.0	289.6	270.7	267.3	231.7	226.1	193.0	183.1	189.1	188.8
-87.5°	235.9	212.6	194.3	189.8	171.5	167.1	165.1	144.4	139.2	117.2	96.5
-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: P902085 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-MB-LTM

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	30.7	29.2	27.7	26.1	24.4	22.7	21.0	19.2	17.4	15.6	13.7
85°	53.1	51.1	49.1	46.9	44.6	40.4	38.9	37.3	34.8	31.1	27.3
82.5°	37.9	41.3	49.4	54.4	59.5	50.5	48.2	45.8	43.4	40.9	38.4
80°	29.8	18.2	20.5	23.4	27.6	33.6	40.6	49.0	51.1	47.8	44.4
77.5°	92.4	36.4	36.6	35.5	19.2	14.6	18.2	31.5	43.2	49.4	50.4
75°	281.0	223.6	131.7	94.0	29.8	21.3	28.4	28.8	31.2	39.0	48.2
72.5°	556.5	440.1	300.7	213.5	103.4	49.7	52.0	64.5	56.0	29.6	40.8
70°	1174.7	788.7	535.3	398.5	214.7	101.3	115.1	114.6	103.0	65.5	32.6
67.5°	1912.1	1193.9	828.3	566.7	404.4	229.2	180.2	196.6	164.0	102.5	48.7
65°	2583.4	1408.8	1078.0	693.1	519.3	332.6	228.4	275.9	234.0	142.7	66.4
62.5°	3238.7	1969.8	1347.6	900.7	629.4	416.1	276.5	333.9	296.5	193.7	81.4
60°	3700.1	2521.9	1721.5	1138.0	767.4	502.9	334.6	373.7	343.7	243.5	116.9
57.5°	4795.6	3022.8	2045.7	1371.8	899.0	611.3	395.4	399.0	391.1	288.3	152.8
55°	7225.2	3620.4	2358.7	1545.9	984.3	716.1	491.8	452.6	436.2	336.5	200.9
52.5°	10677.7	4697.0	2715.7	1698.0	1088.6	826.4	589.7	557.1	480.1	388.4	259.0
50°	16767.8	6446.5	3396.7	1877.5	1197.1	954.2	741.8	634.5	526.7	428.0	310.0
47.5°	23619.8	9963.3	4485.2	2338.0	1258.2	1100.2	868.8	711.9	579.3	468.3	352.1
45°	28655.5	14977.9	6148.7	2848.8	1469.5	1188.4	965.3	793.4	630.0	509.4	388.0
42.5°	33132.0	19128.5	8164.0	3590.1	1851.7	1220.8	1050.5	872.3	688.0	549.1	420.3
40°	37018.1	23060.0	10582.5	4569.9	2346.7	1385.8	1151.4	943.8	746.4	583.3	448.5
37.5°	40366.5	26715.6	13720.6	6615.0	3511.6	1654.7	1295.2	1007.3	792.5	611.9	472.9
35°	42518.2	29765.6	16076.4	7753.7	4609.0	1972.1	1387.9	1070.2	833.2	638.9	492.2
32.5°	42532.1	30673.5	17233.7	8286.8	4662.6	2497.0	1451.4	1114.2	866.4	667.7	508.0
30°	42103.3	31313.3	18049.8	8017.0	4327.1	2709.9	1478.6	1136.0	889.2	691.8	521.4
27.5°	41794.3	31808.7	19146.5	8849.7	4416.5	2662.9	1540.7	1150.7	904.0	710.3	532.4
25°	40997.0	32124.0	20150.4	9618.1	4430.5	2707.7	1643.9	1190.6	922.3	723.1	541.1
22.5°	39093.5	31319.1	20370.2	9629.4	4297.6	2665.4	1680.0	1214.1	942.1	731.7	549.8
20°	36363.8	29583.5	19885.4	10012.4	4298.8	2549.6	1636.5	1215.4	952.0	740.2	559.0
17.5°	33370.2	27548.3	18928.6	9698.2	4236.0	2380.7	1608.1	1207.6	958.1	749.0	565.8
15°	30375.6	24959.0	17483.3	8855.7	3884.5	2220.4	1557.3	1205.0	965.7	754.8	571.3
12.5°	27614.7	22654.9	15446.0	7736.4	3402.6	2033.9	1508.7	1201.9	968.0	754.7	574.6
10°	24892.4	19681.7	13093.6	6736.1	2991.5	1907.4	1442.7	1186.4	957.0	748.7	574.4
7.5°	22078.7	17377.7	11825.8	6003.4	2695.0	1781.0	1396.5	1166.6	941.6	739.1	571.3
5°	18821.0	15125.7	10142.6	5116.0	2444.8	1663.1	1345.1	1140.9	923.6	726.3	566.4
2.5°	15173.6	12206.5	8116.4	4158.0	2183.4	1559.3	1315.6	1112.0	902.5	710.3	559.1
0°	11395.1	9230.9	6072.7	3252.3	1942.7	1456.2	1283.3	1080.1	876.8	691.7	549.6
-2.5°	8169.4	6676.8	4510.5	2643.5	1802.6	1452.4	1246.3	1051.7	858.9	683.9	536.4
-5°	5773.7	4769.2	3360.4	2187.6	1677.8	1431.3	1206.3	1020.2	837.5	673.4	521.3
-7.5°	4099.0	3466.1	2577.0	1888.8	1578.0	1379.6	1182.2	986.5	811.6	658.4	503.9
-10°	2993.2	2623.8	2088.4	1735.4	1514.6	1338.4	1149.4	947.6	782.6	636.4	488.8
-12.5°	2299.3	2102.7	1857.3	1630.7	1465.6	1300.7	1094.6	912.3	753.0	612.2	473.8
-15°	1901.0	1819.7	1699.3	1561.4	1426.6	1254.6	1033.7	883.4	723.6	586.8	458.3
-17.5°	1702.8	1684.0	1602.7	1523.7	1392.1	1201.9	985.8	847.1	691.9	561.5	440.9
-20°	1612.8	1603.6	1554.8	1495.1	1364.9	1161.1	944.6	801.5	659.3	536.1	419.7



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1579.0	1559.0	1521.9	1474.4	1312.6	1111.6	909.5	758.6	624.1	510.9	395.7
-25°	1533.4	1503.3	1468.4	1388.8	1250.8	1056.6	868.1	722.1	584.9	486.3	371.6
-27.5°	1481.5	1453.0	1399.3	1322.4	1193.2	996.6	809.8	681.5	557.3	460.0	353.8
-30°	1457.2	1417.6	1354.9	1261.4	1129.2	931.7	754.4	646.0	535.6	434.0	336.1
-32.5°	1415.2	1360.0	1287.8	1168.8	1040.6	862.0	716.0	612.0	512.2	409.1	318.5
-35°	1363.3	1299.7	1215.6	1072.8	971.2	790.3	680.9	577.7	487.3	382.6	301.3
-37.5°	1298.7	1237.7	1134.2	1004.1	883.2	746.2	643.2	546.3	458.5	358.3	286.5
-40°	1253.8	1176.2	1055.6	957.2	805.1	709.4	608.6	516.4	427.0	339.9	274.7
-42.5°	1227.6	1106.5	998.6	888.5	758.7	668.4	573.1	485.9	398.1	322.2	262.4
-45°	1170.5	1048.7	935.4	814.1	715.4	620.6	533.7	453.5	373.6	305.2	249.8
-47.5°	1116.5	1015.6	882.9	765.8	667.1	575.6	494.0	421.6	349.1	292.6	238.1
-50°	1042.9	975.4	825.9	713.3	618.7	539.2	459.0	390.8	320.3	275.9	224.6
-52.5°	955.6	877.4	754.1	654.0	568.7	500.0	419.5	361.0	300.2	259.1	210.3
-55°	831.5	774.0	693.0	594.2	511.8	453.4	384.2	328.8	279.8	240.0	196.0
-57.5°	718.6	682.1	620.0	535.1	462.8	407.6	350.5	302.8	256.5	220.3	186.7
-60°	631.3	590.0	545.1	485.8	417.8	372.6	321.9	280.2	239.6	201.2	175.7
-62.5°	556.9	519.9	505.2	441.1	377.3	339.3	293.9	257.8	224.2	187.2	163.3
-65°	494.4	455.0	465.6	400.1	342.8	303.0	268.4	232.8	202.6	170.9	147.6
-67.5°	440.2	407.5	416.3	366.2	317.3	280.3	245.7	213.5	181.3	157.2	132.8
-70°	401.2	368.7	367.7	333.3	292.2	259.4	227.7	196.5	166.7	147.7	119.5
-72.5°	374.0	351.7	338.5	301.5	261.8	233.7	210.1	180.0	155.1	138.5	109.7
-75°	377.9	340.4	304.2	272.5	230.0	207.7	190.3	163.4	140.0	120.2	98.6
-77.5°	334.6	299.5	263.2	238.7	202.0	185.0	167.5	142.3	122.3	100.5	86.1
-80°	278.5	249.6	230.7	201.3	172.0	156.1	136.9	118.1	104.0	82.7	72.7
-82.5°	219.0	196.4	181.0	167.3	141.4	124.8	107.7	95.7	78.5	65.8	59.1
-85°	158.9	145.8	135.9	111.0	96.2	87.8	80.2	74.5	52.2	46.6	41.0
-87.5°	92.2	87.7	82.8	52.2	48.9	45.5	42.0	38.4	26.1	23.3	20.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.8	9.8	7.9	5.9	4.0	2.0	0.0
85°	23.5	19.7	15.8	11.9	7.9	4.0	0.0
82.5°	35.2	29.5	23.6	17.8	11.9	5.9	0.0
80°	41.1	37.6	31.4	23.6	15.8	7.9	0.0
77.5°	46.2	41.9	37.7	29.5	19.7	9.8	0.0
75°	51.3	46.2	41.4	35.2	23.5	11.8	0.0
72.5°	46.2	50.4	45.2	39.5	27.3	13.7	0.0
70°	37.7	49.6	49.1	43.4	31.1	15.6	0.0
67.5°	29.5	43.6	53.3	47.3	34.8	17.4	0.0
65°	30.6	37.9	55.3	51.2	37.9	19.2	0.0
62.5°	40.9	32.7	56.6	55.1	40.6	21.0	0.0
60°	49.4	34.1	59.5	59.0	43.2	22.7	0.0
57.5°	56.2	43.7	64.2	63.0	45.7	24.4	0.0
55°	105.8	53.7	70.7	68.6	48.0	26.1	0.0
52.5°	146.6	64.8	80.3	74.5	50.3	27.7	0.0
50°	174.0	83.3	95.9	80.7	52.4	29.2	0.0
47.5°	189.5	104.2	110.9	87.2	54.4	30.7	0.0
45°	213.8	125.0	123.6	94.0	56.3	32.2	0.0
42.5°	244.2	145.6	136.6	101.0	58.1	33.5	0.0
40°	285.3	166.1	149.7	106.0	59.7	34.9	0.0
37.5°	326.0	186.3	163.0	109.3	61.1	36.1	0.0
35°	350.0	211.5	175.3	113.2	63.1	37.0	0.0
32.5°	365.8	235.4	186.9	116.9	65.0	37.7	0.0
30°	379.1	255.6	198.5	119.7	66.7	38.4	0.0
27.5°	392.9	272.2	200.1	121.7	68.6	39.0	0.0
25°	405.5	285.4	200.3	123.0	70.4	39.6	0.0
22.5°	416.0	293.1	200.1	123.5	72.0	40.2	0.0
20°	424.0	293.7	199.5	123.3	73.4	40.6	0.0
17.5°	426.9	293.0	198.6	125.0	74.7	41.1	0.0
15°	427.5	292.1	197.2	127.2	75.8	41.4	0.0
12.5°	427.3	291.2	197.2	129.1	76.7	41.8	0.0
10°	426.2	292.2	197.2	130.7	77.5	42.0	0.0
7.5°	424.2	294.2	196.4	131.9	78.1	42.2	0.0
5°	421.2	294.5	194.8	132.8	78.6	42.4	0.0
2.5°	416.7	293.4	192.7	133.3	78.8	42.4	0.0
0°	410.6	291.2	190.1	133.5	78.9	42.5	0.0
-2.5°	402.7	287.4	189.2	133.0	78.5	42.4	0.0
-5°	393.6	282.5	187.9	132.2	77.9	42.4	0.0
-7.5°	383.8	276.5	186.2	131.0	77.1	42.2	0.0
-10°	373.7	269.1	184.1	129.4	76.2	42.0	0.0
-12.5°	361.3	261.4	181.7	127.3	75.2	41.8	0.0
-15°	346.8	254.3	179.1	124.9	74.0	41.4	0.0
-17.5°	329.8	247.9	176.1	121.9	72.8	41.1	0.0
-20°	311.6	241.6	172.2	118.3	71.5	40.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	298.5	234.8	167.4	114.1	70.0	40.2	0.0
-25°	287.2	227.3	161.6	109.8	68.5	39.6	0.0
-27.5°	276.1	219.1	154.8	105.6	67.0	39.0	0.0
-30°	265.8	210.6	147.3	101.4	65.4	38.4	0.0
-32.5°	257.5	201.6	142.5	97.3	63.8	37.7	0.0
-35°	248.5	192.4	137.9	93.3	62.0	37.0	0.0
-37.5°	238.4	183.8	134.0	89.8	60.3	36.1	0.0
-40°	226.7	176.9	131.2	86.9	58.6	34.9	0.0
-42.5°	214.4	169.5	127.8	84.1	56.9	33.5	0.0
-45°	201.5	161.9	123.9	81.5	55.0	32.2	0.0
-47.5°	188.1	153.9	119.5	78.4	53.1	30.7	0.0
-50°	177.5	145.5	113.7	74.8	51.1	29.2	0.0
-52.5°	167.2	137.8	107.3	70.7	49.1	27.7	0.0
-55°	156.5	129.8	100.4	66.1	46.9	26.1	0.0
-57.5°	147.2	121.5	93.4	61.1	44.7	24.4	0.0
-60°	138.4	113.1	86.4	57.6	42.4	22.7	0.0
-62.5°	128.1	104.8	79.4	54.1	40.1	21.0	0.0
-65°	116.3	96.8	72.5	50.5	37.7	19.2	0.0
-67.5°	106.4	88.9	66.1	46.9	34.8	17.4	0.0
-70°	99.6	81.0	60.0	43.2	31.1	15.6	0.0
-72.5°	93.1	73.9	53.4	39.4	27.3	13.7	0.0
-75°	85.9	67.5	46.4	35.2	23.5	11.8	0.0
-77.5°	75.6	61.3	39.1	29.5	19.7	9.8	0.0
-80°	64.8	55.2	31.4	23.6	15.8	7.9	0.0
-82.5°	52.9	43.6	23.6	17.8	11.9	5.9	0.0
-85°	35.3	29.3	15.8	11.9	7.9	4.0	0.0
-87.5°	17.7	14.7	7.9	5.9	4.0	2.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)