

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: P902064 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-AV-03-1360S-57-85-A35-NMB-LT**

Issue Date: 11/13/2024

Test Information

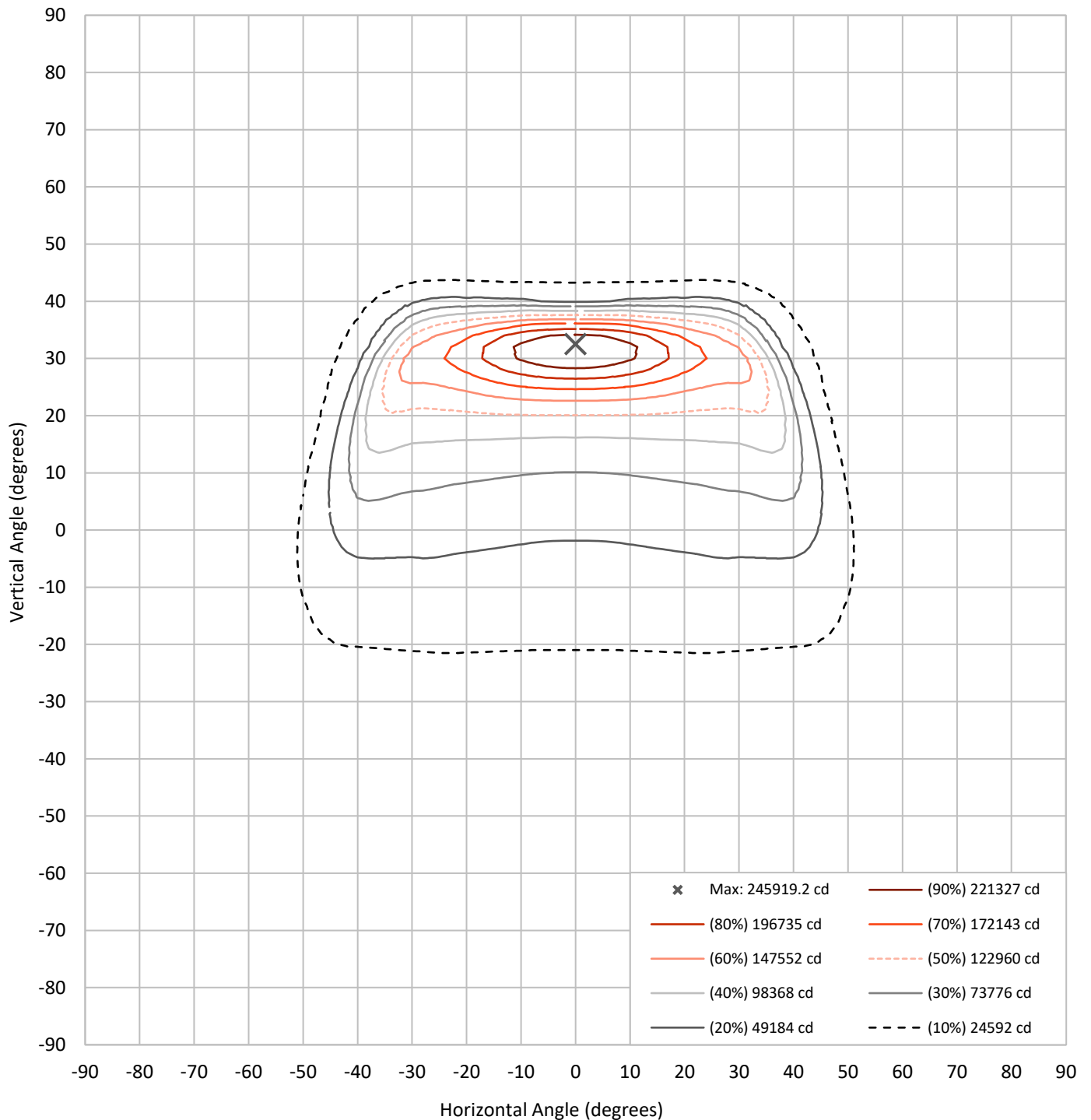
Test Method: LM-79-08
Report Number: P902064 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (LVM2I48800)
Test Lab: INNOVATION CENTER
Issue Date: 11/13/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-AV-03-1360S-57-85-A35-NMB-LT
Description: ARENAVISION LUMINAIRE
5700K, 85 CRI LEDS AND A35-NMB-LT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	147102.6 lumens	Max Intensity:	245919.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 32.5°V
Efficacy:	104.1 lumens/watt		
Luminous Opening:	Rectangular (W 2m x L: 2m x H: 0m)		
Beam Angle (50%):	63.9°H x 17.4°V	Field Angle (10%):	85.4°H x 64.2°V
Beam Lumens:	54583.8 lumens	Field Lumens:	129570.1 lumens
Beam Efficiency:	37.1%	Field Efficiency:	88.1%
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		

REPORT NUMBER: P902064 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NMB-LT

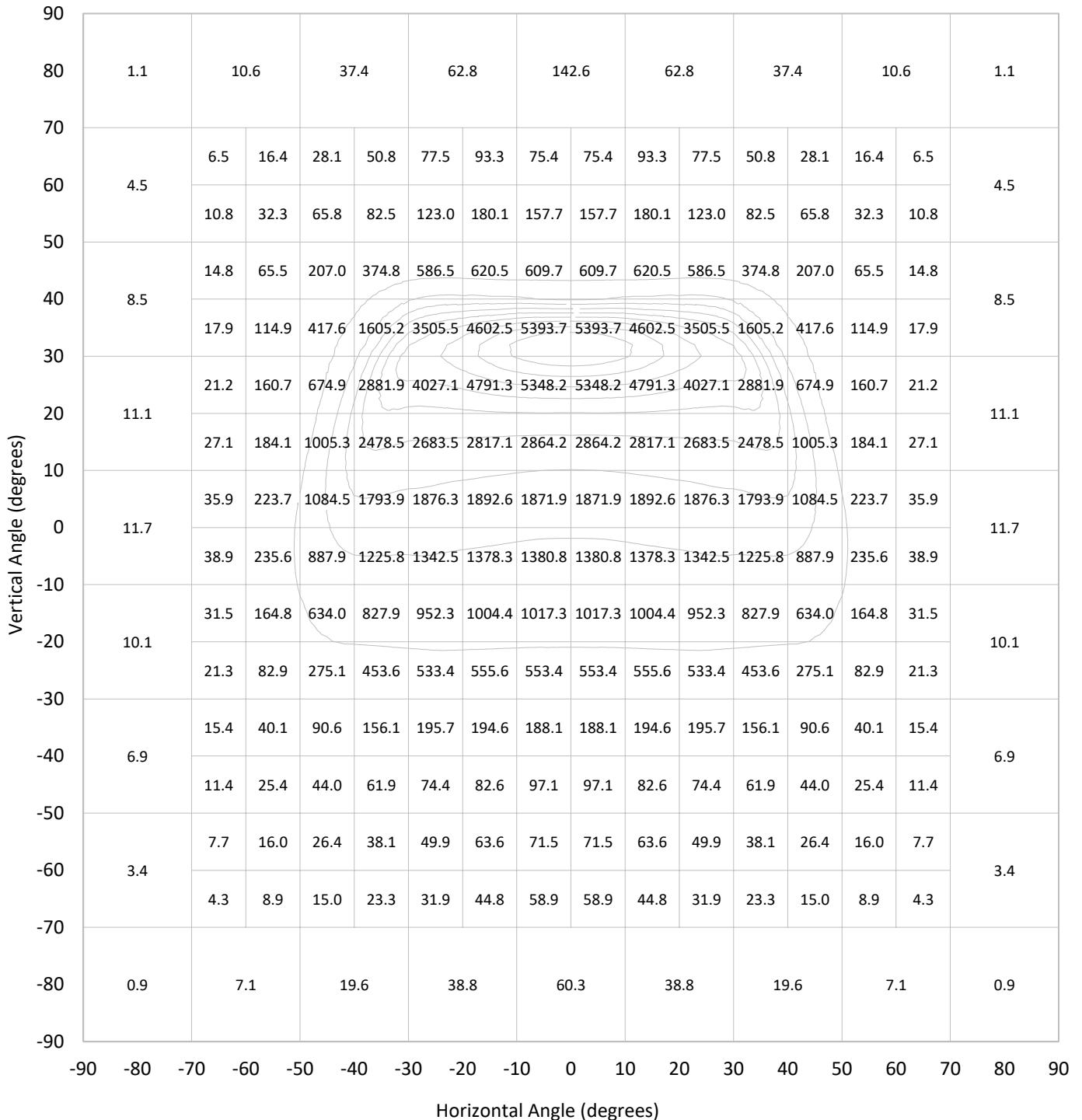
Iso-Candela Plot





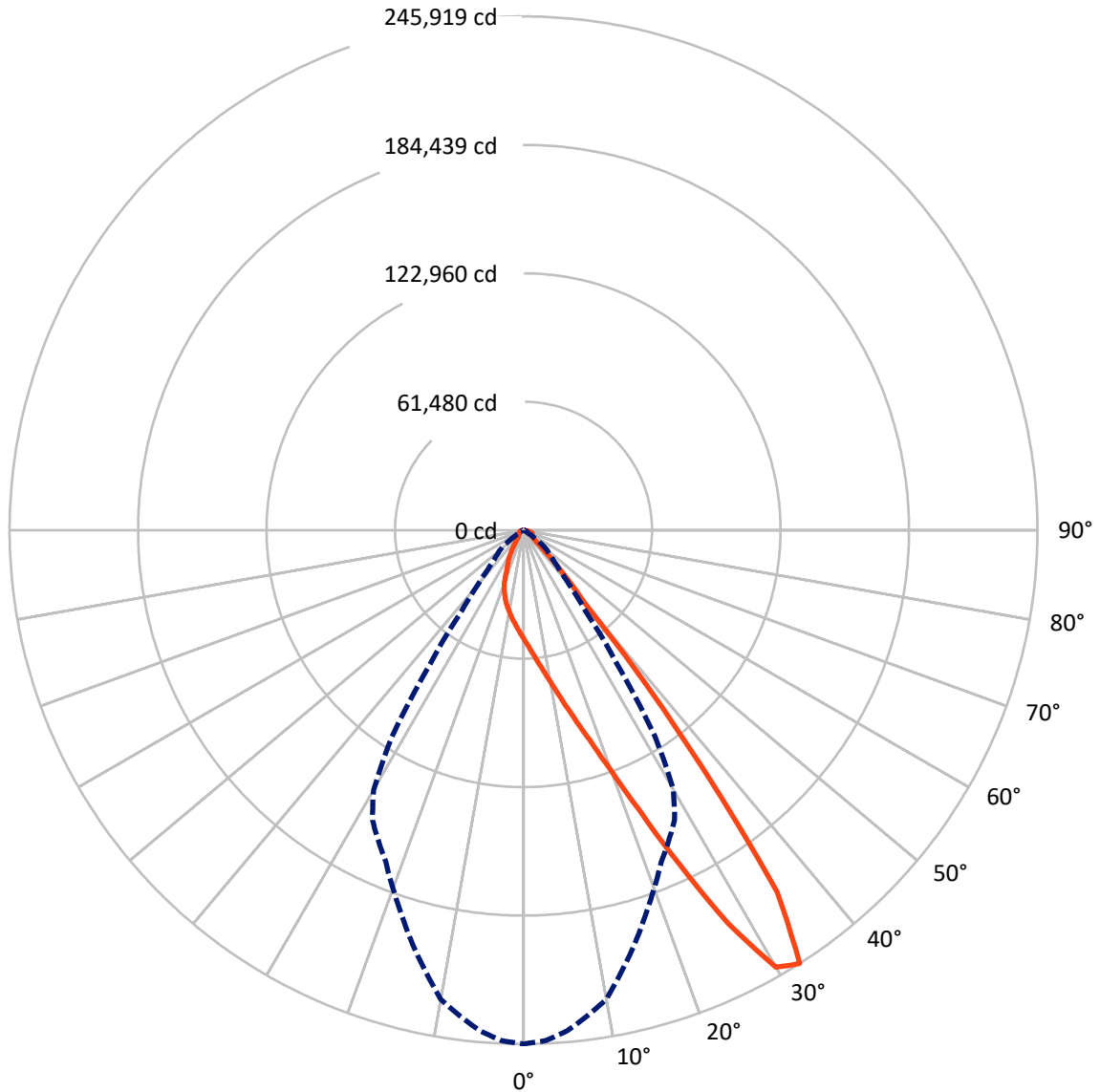
REPORT NUMBER: P902064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NMB-LT

Lumen Table



REPORT NUMBER: P902064 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NMB-LT

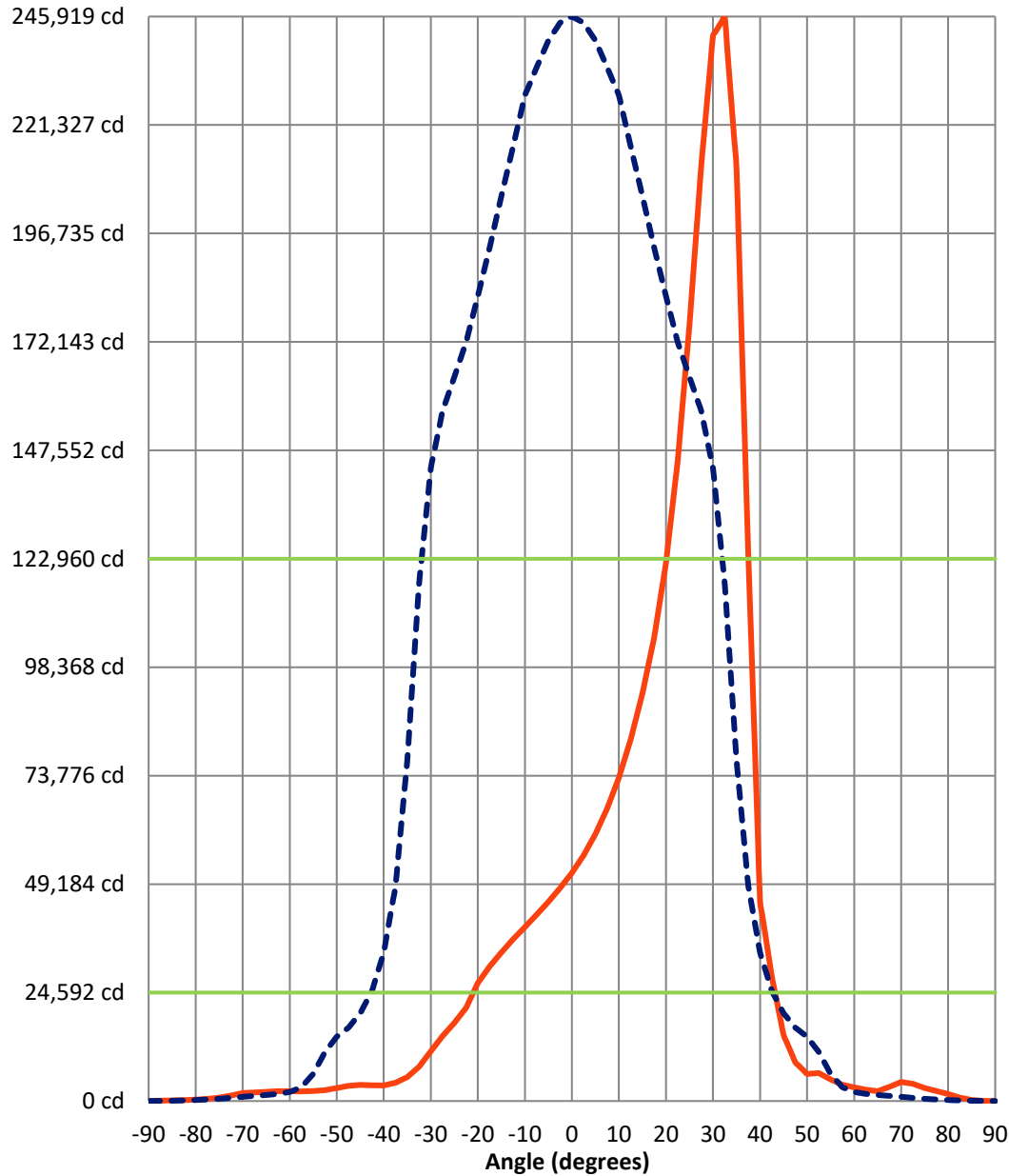
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 32.5-Deg

REPORT NUMBER: P902064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NMB-LT

Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 17.4°
 Lumens: 54583.8
 Efficiency: 37.1%

Field:
 H Angle: 85.4°
 V Angle: 64.2°
 Lumens: 129570.1
 Efficiency: 88.1%

Spill:
 Lumens: 17532.5
 Efficiency: 11.9%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 32.5-Deg



REPORT NUMBER: P902064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NMB-LT

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	2.1	4.2	6.1	8.6	10.8	12.0	13.2	15.0	16.8	18.5
85°	0.0	4.2	8.3	12.3	17.2	21.5	24.0	26.4	30.0	33.5	38.0
82.5°	0.0	6.2	12.4	18.4	25.8	32.2	36.0	42.1	50.1	57.6	65.3
80°	0.0	8.3	16.6	24.4	34.3	43.2	52.2	62.7	73.0	82.4	97.2
77.5°	0.0	10.3	20.6	30.5	43.0	54.8	68.5	83.1	100.2	123.4	147.5
75°	0.0	12.4	24.7	36.5	52.3	66.4	84.3	109.8	137.5	167.7	203.5
72.5°	0.0	14.4	28.7	42.0	61.1	77.9	105.8	139.8	174.1	223.5	275.1
70°	0.0	16.3	32.6	47.2	69.6	92.3	128.6	169.0	222.1	283.8	347.0
67.5°	0.0	18.3	36.5	52.3	77.6	109.6	150.4	206.5	270.0	344.2	420.0
65°	0.0	20.2	39.8	57.2	87.2	126.3	175.3	243.9	320.2	405.7	494.0
62.5°	0.0	22.0	42.7	61.9	98.1	142.3	203.7	279.7	375.8	468.6	574.8
60°	0.0	23.9	45.6	66.4	108.5	160.1	230.7	322.1	430.8	542.1	653.3
57.5°	0.0	25.7	48.4	70.9	118.3	179.7	256.3	361.7	485.0	611.6	731.0
55°	0.0	27.4	51.1	78.2	127.6	197.7	286.1	398.4	539.6	677.8	807.2
52.5°	0.0	29.1	53.7	85.2	137.1	214.2	313.3	442.1	593.5	743.2	886.9
50°	0.0	30.7	56.3	91.8	149.9	229.9	337.8	482.9	651.9	807.6	960.4
47.5°	0.0	32.3	58.7	98.0	162.4	249.9	360.6	519.5	709.0	870.3	1032.2
45°	0.0	33.8	61.1	103.9	174.8	269.7	386.9	558.6	760.1	931.0	1097.7
42.5°	0.0	35.2	63.4	109.4	186.6	289.1	409.9	599.0	808.3	988.1	1155.8
40°	0.0	36.6	65.7	115.0	197.6	308.2	433.4	633.7	855.4	1040.6	1216.1
37.5°	0.0	37.9	67.8	120.3	207.8	326.9	458.6	662.8	901.1	1087.9	1267.9
35°	0.0	38.9	70.8	127.3	219.2	344.0	485.3	688.5	931.3	1131.4	1315.1
32.5°	0.0	39.8	74.0	134.5	230.3	358.6	510.1	715.4	960.8	1171.0	1367.6
30°	0.0	40.7	77.0	141.1	240.0	371.7	530.3	738.7	991.7	1207.5	1415.2
27.5°	0.0	41.5	79.7	147.1	249.5	383.3	547.2	755.9	1016.2	1243.7	1460.6
25°	0.0	42.2	82.2	152.4	258.1	393.3	562.0	767.3	1031.8	1281.4	1504.1
22.5°	0.0	42.9	84.5	157.1	265.8	402.9	574.6	785.8	1047.4	1311.2	1540.2
20°	0.0	43.5	86.5	161.2	272.6	413.9	586.0	804.4	1066.0	1335.0	1565.5
17.5°	0.0	44.0	88.4	165.1	278.4	423.6	598.0	819.0	1080.6	1352.3	1589.2
15°	0.0	44.5	89.9	168.7	283.2	432.3	607.9	830.6	1087.7	1368.3	1638.1
12.5°	0.0	44.9	91.3	171.8	288.1	439.5	614.9	839.9	1098.5	1384.5	1731.7
10°	0.0	45.2	92.4	174.3	292.5	444.2	619.1	846.0	1114.2	1418.4	1836.3
7.5°	0.0	45.5	93.2	176.3	295.9	446.7	621.0	848.6	1126.8	1453.3	1960.3
5°	0.0	45.6	93.9	177.7	298.3	447.5	620.4	846.7	1141.0	1485.9	2079.1
2.5°	0.0	45.7	94.2	178.5	299.8	446.7	617.4	841.3	1153.4	1514.6	2184.8
0°	0.0	45.8	94.4	178.8	300.3	444.4	612.1	832.4	1161.3	1536.6	2272.9
-2.5°	0.0	45.7	94.2	178.3	297.6	442.1	609.3	826.8	1157.2	1533.3	2285.5
-5°	0.0	45.6	93.9	177.3	293.9	438.2	604.3	818.1	1147.2	1522.4	2269.6
-7.5°	0.0	45.5	93.2	175.8	289.4	432.8	597.2	806.2	1131.7	1506.6	2196.0
-10°	0.0	45.2	92.4	173.7	284.2	425.9	588.3	792.9	1111.0	1487.1	2089.9
-12.5°	0.0	44.9	91.3	171.1	278.1	417.4	578.3	777.0	1084.1	1463.2	1953.9
-15°	0.0	44.5	89.9	168.0	271.8	407.1	566.1	758.6	1053.9	1431.4	1800.4
-17.5°	0.0	44.0	88.4	164.3	265.5	395.8	551.8	739.2	1021.6	1392.6	1710.9
-20°	0.0	43.5	86.5	160.1	258.3	383.8	534.8	717.4	983.7	1336.9	1644.5



REPORT NUMBER: P902064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NMB-LT

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	42.9	84.5	155.1	250.3	370.8	515.9	691.4	940.5	1267.9	1575.5
-25°	0.0	42.2	82.2	149.7	241.4	356.7	495.8	665.2	897.4	1193.3	1502.1
-27.5°	0.0	41.5	79.7	143.9	231.7	341.6	474.1	642.5	864.7	1130.1	1426.5
-30°	0.0	40.7	77.0	137.7	221.2	325.6	451.6	616.2	828.9	1076.6	1339.8
-32.5°	0.0	39.8	74.1	131.1	210.2	308.6	430.1	586.2	789.6	1021.9	1254.8
-35°	0.0	38.9	71.0	124.2	198.6	290.7	406.7	553.9	747.5	960.7	1172.9
-37.5°	0.0	37.9	68.1	117.6	187.1	273.5	383.2	523.4	705.8	902.2	1094.5
-40°	0.0	36.6	66.1	112.3	176.9	258.0	360.7	493.6	663.7	846.6	1021.0
-42.5°	0.0	35.2	63.9	106.8	166.2	241.8	336.7	460.2	619.9	788.5	949.3
-45°	0.0	33.8	61.7	101.0	155.0	224.8	311.3	423.7	574.7	731.0	879.9
-47.5°	0.0	32.3	59.3	95.0	143.3	207.1	284.3	390.8	532.4	674.2	809.3
-50°	0.0	30.7	56.8	88.8	131.4	188.6	261.6	358.4	484.3	614.8	737.7
-52.5°	0.0	29.1	54.2	82.4	119.3	173.6	238.8	322.5	434.4	553.5	664.2
-55°	0.0	27.4	51.5	75.8	110.1	158.3	215.2	284.7	392.3	492.1	587.7
-57.5°	0.0	25.7	48.7	69.0	101.5	142.4	190.8	255.5	351.3	431.8	517.3
-60°	0.0	23.9	45.9	64.5	92.5	126.1	171.0	226.6	311.6	383.3	448.2
-62.5°	0.0	22.0	42.9	60.1	83.3	112.0	150.6	195.9	267.8	333.3	386.6
-65°	0.0	20.2	39.9	55.7	73.9	99.9	129.5	171.1	221.7	277.9	326.0
-67.5°	0.0	18.3	36.5	51.2	66.0	87.5	111.3	144.8	182.8	222.5	268.2
-70°	0.0	16.3	32.6	46.6	59.9	74.7	95.7	118.6	149.7	178.4	211.7
-72.5°	0.0	14.4	28.7	42.0	53.6	64.0	79.9	99.4	117.9	143.6	169.2
-75°	0.0	12.4	24.7	37.1	47.1	55.3	65.3	79.7	96.0	112.6	133.4
-77.5°	0.0	10.3	20.6	31.0	40.6	46.5	54.8	62.6	74.1	88.6	105.3
-80°	0.0	8.3	16.6	24.9	33.0	37.5	44.3	50.7	57.9	66.0	80.1
-82.5°	0.0	6.2	12.4	18.7	24.8	28.2	33.6	38.7	44.0	49.6	60.1
-85°	0.0	4.2	8.3	12.5	16.6	18.8	22.4	26.1	29.6	33.0	41.2
-87.5°	0.0	2.1	4.2	6.2	8.3	9.4	11.2	13.0	14.8	16.5	20.7
-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: P902064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NMB-LT

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°	20.3	21.9	23.8	25.4	27.0	27.4	29.1	25.9	23.8	24.4	25.4
85°	43.3	48.8	53.2	57.8	62.4	64.1	66.4	66.9	68.1	72.8	75.5
82.5°	73.9	82.9	88.3	99.1	109.8	117.3	121.7	131.2	142.3	157.7	165.1
80°	116.1	132.8	143.3	157.0	172.5	190.2	200.1	221.6	247.5	281.2	300.6
77.5°	168.9	190.8	210.4	234.8	259.4	283.3	303.5	339.0	381.7	443.3	497.5
75°	239.5	267.3	289.0	330.1	368.7	402.1	432.0	483.5	562.8	660.5	752.0
72.5°	315.9	355.2	394.5	444.9	502.6	547.0	585.6	652.9	769.5	905.3	1056.6
70°	401.9	451.8	512.1	589.7	659.2	723.3	774.5	849.3	973.4	1132.0	1323.3
67.5°	486.0	554.9	641.1	751.1	851.1	926.5	974.8	1039.8	1161.9	1325.5	1534.8
65°	567.8	657.7	790.9	924.8	1057.7	1144.1	1190.1	1237.9	1343.0	1491.9	1693.4
62.5°	655.1	784.4	946.2	1126.8	1280.1	1388.2	1440.0	1484.3	1543.3	1681.7	1842.3
60°	756.3	910.3	1115.0	1341.2	1531.7	1688.7	1791.6	1857.6	1886.0	1959.3	2070.1
57.5°	854.3	1035.3	1283.3	1566.0	1811.1	2038.8	2240.5	2397.2	2360.3	2356.3	2424.8
55°	951.8	1156.1	1437.2	1766.1	2106.0	2437.9	2775.9	2981.6	3014.8	2939.4	2935.7
52.5°	1044.1	1273.0	1581.5	1955.3	2434.1	3193.2	3570.1	3770.4	3870.6	3788.8	3695.7
50°	1141.5	1397.5	1721.4	2150.6	3212.1	4358.9	4827.0	4988.8	5095.6	5139.7	4983.6
47.5°	1228.1	1512.7	1850.6	2526.0	4073.7	5800.9	6658.7	6941.8	7215.0	7579.5	7602.9
45°	1308.8	1613.1	1992.6	2834.3	5037.4	7541.1	8779.9	9328.9	10269.8	11267.1	11956.9
42.5°	1377.2	1704.8	2128.2	3345.7	6104.0	9236.5	10795.2	11867.4	13545.7	15441.0	17423.8
40°	1452.3	1780.8	2259.7	3722.2	7049.4	10704.7	12595.6	14279.7	16774.6	19634.2	23551.7
37.5°	1508.6	1833.7	2500.9	4422.5	8306.4	12131.9	14128.5	16297.5	19469.2	23421.7	30154.8
35°	1565.1	1913.0	2658.7	4926.5	9712.2	13588.5	15453.4	18266.2	22069.6	28061.8	38468.5
32.5°	1613.3	2055.9	3146.8	6170.7	11102.0	14574.7	16661.2	19927.8	25000.2	33702.9	48827.7
30°	1654.1	2172.2	3472.5	7199.5	12439.5	15220.5	17366.1	21076.8	28637.7	42248.7	65405.0
27.5°	1714.8	2372.5	4198.2	8281.4	12886.3	15197.7	17612.4	23127.9	34337.4	52371.8	83095.5
25°	1809.9	2672.0	4989.5	9375.8	13042.5	14678.7	17461.0	24831.3	40087.1	60991.8	98786.9
22.5°	1903.2	2931.6	5747.3	10257.3	13044.2	14367.2	18539.6	29173.1	46805.1	72368.1	105940.0
20°	1978.5	3193.7	6557.6	10587.1	12597.2	14457.7	20207.6	33763.2	52919.4	80052.2	110160.9
17.5°	2123.8	3777.2	7358.7	10776.2	12194.2	14690.9	22581.9	38749.2	59365.1	85426.4	106721.5
15°	2351.7	4357.1	8001.7	10803.9	11854.6	16092.0	26814.6	43531.3	63786.2	88623.4	103122.0
12.5°	2625.1	4872.4	8489.2	10668.7	12274.5	18241.4	30634.6	47163.6	66324.9	87158.4	95359.3
10°	2896.5	5362.9	8811.8	10425.4	13012.4	20692.0	33897.5	49490.0	67406.6	83154.0	88050.0
7.5°	3208.3	5787.8	8808.8	10322.9	14093.8	23202.4	36449.6	50600.6	66628.8	78202.3	80843.5
5°	3508.7	6148.9	8702.0	10365.9	15300.3	25534.0	38010.3	50512.5	64214.4	72472.2	73640.5
2.5°	3778.5	6396.0	8528.5	10427.8	16478.9	27474.4	38585.9	49347.2	60487.2	66312.8	66797.6
0°	4009.9	6554.2	8305.1	10439.6	17462.5	28954.7	38431.8	47400.1	56014.0	59993.2	60377.8
-2.5°	4096.4	6521.3	8037.5	10284.2	17909.1	29755.2	37614.4	44795.2	51229.8	54101.4	54490.4
-5°	4120.9	6409.9	7743.3	9929.3	17650.5	29807.3	36463.9	41873.7	46571.8	48627.0	49088.3
-7.5°	3988.1	6184.3	7424.4	9383.4	16664.2	28927.2	35146.8	38856.6	42183.7	43697.4	44214.6
-10°	3791.8	5867.4	7089.9	8676.7	15001.9	27008.4	33719.2	36003.8	38231.9	39364.8	39819.4
-12.5°	3477.8	5463.1	6745.7	7885.0	12740.5	23984.7	31947.5	33864.7	34982.3	35827.0	36228.4
-15°	3130.9	4992.1	6380.4	7417.3	10207.3	19732.4	29244.3	31754.9	32161.0	32586.8	32845.5
-17.5°	2734.4	4469.7	5919.8	7015.9	8964.1	15155.7	25116.7	28887.4	29223.2	29426.1	29590.9
-20°	2422.2	3791.4	5323.1	6366.5	7733.3	11455.3	18555.0	23816.7	25265.6	25355.4	25611.3



REPORT NUMBER: P902064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NMB-LT

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2134.7	3166.4	4432.8	5498.1	6439.2	8260.6	12465.8	17448.4	20112.1	20977.4	21287.3
-25°	1883.5	2624.5	3539.4	4561.2	5420.1	6368.3	8407.7	11933.5	15280.6	17151.4	17788.0
-27.5°	1687.3	2182.5	2866.1	3693.8	4571.0	5422.5	6533.7	8318.3	10609.9	12650.4	14052.7
-30°	1576.2	1921.3	2354.6	2979.9	3735.5	4548.2	5274.4	6127.8	7363.4	8817.0	10163.5
-32.5°	1479.0	1742.8	2062.9	2481.6	3013.0	3675.1	4342.9	4987.3	5666.6	6366.5	7041.8
-35°	1374.7	1585.6	1815.3	2104.4	2480.8	2951.7	3490.3	4022.3	4538.9	5007.3	5422.5
-37.5°	1276.7	1462.1	1663.5	1897.1	2177.6	2506.2	2845.1	3201.9	3596.1	3941.2	4216.5
-40°	1188.3	1353.6	1524.8	1715.7	1941.8	2179.6	2413.7	2654.7	2874.5	3066.5	3270.1
-42.5°	1101.6	1252.7	1403.2	1568.1	1759.4	1938.5	2104.6	2272.6	2423.6	2555.0	2670.9
-45°	1020.3	1153.3	1285.5	1424.7	1588.2	1741.2	1878.7	2002.0	2114.3	2221.3	2304.0
-47.5°	933.1	1052.6	1172.7	1294.9	1429.5	1556.1	1675.8	1794.2	1894.6	1979.3	2060.1
-50°	846.3	952.9	1057.0	1157.9	1269.3	1375.6	1480.7	1587.0	1684.0	1764.6	1836.1
-52.5°	758.4	851.6	938.8	1024.3	1109.8	1202.2	1288.2	1373.3	1463.3	1550.4	1613.0
-55°	674.6	756.3	822.6	900.8	977.9	1046.5	1119.2	1180.2	1271.6	1356.8	1430.1
-57.5°	593.9	666.0	730.4	792.0	867.1	931.1	988.2	1044.5	1122.2	1202.8	1285.4
-60°	518.9	583.4	641.3	698.4	762.3	824.2	887.3	944.1	999.3	1062.2	1142.1
-62.5°	447.4	505.3	552.6	599.3	643.9	705.8	767.2	824.3	875.2	925.3	988.3
-65°	378.7	428.1	460.6	497.4	532.0	580.5	636.5	691.6	744.4	794.4	846.3
-67.5°	308.9	348.3	370.5	404.8	436.4	475.6	522.4	566.6	615.8	667.1	719.9
-70°	247.7	275.7	305.7	329.8	359.2	394.8	427.9	459.3	499.3	540.7	583.5
-72.5°	190.0	218.7	245.5	266.6	291.1	320.1	347.1	370.0	394.1	422.4	455.9
-75°	152.7	170.2	187.6	206.2	225.5	246.8	266.2	282.6	295.6	313.5	337.4
-77.5°	117.8	130.8	145.5	156.7	166.5	177.6	194.8	207.7	212.5	219.1	231.9
-80°	90.7	99.7	108.6	116.1	123.4	132.8	142.0	150.3	153.1	158.3	166.5
-82.5°	66.8	71.9	77.0	83.8	89.8	95.4	100.7	105.9	109.7	114.4	118.5
-85°	46.5	49.9	53.2	56.7	60.1	63.2	66.2	69.1	72.6	81.3	83.4
-87.5°	23.7	25.7	27.6	29.5	31.3	33.0	34.7	36.3	37.9	52.4	54.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P902064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NMB-LT

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°	27.2	28.8	30.0	31.4	29.3	30.3	31.6	32.6	33.2	33.6	34.5
85°	78.2	82.4	92.3	96.8	100.0	104.0	114.0	126.3	136.2	150.6	174.0
82.5°	166.8	172.1	188.3	199.0	214.3	230.2	254.8	293.5	336.5	401.3	486.7
80°	302.6	305.8	322.5	343.3	365.2	395.3	446.3	529.1	626.2	775.7	979.5
77.5°	513.5	513.4	511.2	515.7	525.3	562.8	626.7	741.3	869.0	1029.5	1279.0
75°	837.0	876.3	851.8	779.2	717.0	725.1	797.3	910.8	1025.9	1139.2	1329.3
72.5°	1234.9	1380.1	1388.1	1232.9	1039.6	956.8	974.5	1027.7	1099.8	1163.0	1236.9
70°	1565.8	1843.4	1992.6	1852.7	1546.8	1358.2	1268.0	1236.9	1278.7	1322.2	1334.8
67.5°	1810.1	2201.8	2532.0	2426.8	2157.7	2015.8	2023.7	2045.9	1906.6	1754.5	1689.5
65°	1990.7	2405.0	2943.7	3083.3	2714.5	2676.3	3200.1	3525.0	3132.0	2761.6	2522.0
62.5°	2080.4	2477.0	3091.1	3546.9	3148.5	3265.0	4364.7	5142.8	4477.1	3846.3	3445.4
60°	2221.7	2555.4	3081.3	3628.3	3630.1	3962.9	5197.0	6490.0	5962.4	5007.1	4244.1
57.5°	2518.7	2783.9	3137.9	3590.9	3963.1	4478.9	5300.2	6548.2	6896.5	5868.2	4838.8
55°	3013.4	3252.6	3589.1	3852.4	4173.5	4771.5	5288.2	5865.2	6316.1	6217.8	5875.0
52.5°	3659.5	3904.2	4203.6	4445.0	4642.1	5088.4	5612.2	6061.0	6317.8	6496.6	6545.3
50°	4819.3	5087.2	5153.2	5364.0	5348.2	5630.4	5991.3	6607.9	7148.7	7021.5	7054.6
47.5°	7794.1	8179.8	8150.1	8485.6	8082.9	8226.4	8323.6	8258.0	8756.2	9003.5	9318.5
45°	13082.4	14383.8	15341.4	16504.5	16396.1	16623.1	16345.7	15920.8	15708.2	15742.2	15951.8
42.5°	20437.6	24111.4	27737.6	30523.4	31180.0	32123.0	30666.9	29934.9	29107.6	27765.6	27956.7
40°	29728.5	37465.4	45612.3	52632.2	55330.6	57180.5	55099.7	56814.7	54015.6	54465.2	53400.2
37.5°	40673.2	53936.9	73020.0	87439.5	95607.1	101668.1	105264.3	110545.6	112657.3	116522.2	122986.4
35°	54971.2	82125.6	111544.0	129218.7	140600.7	147588.1	158018.9	166723.8	178715.7	186855.8	196930.6
32.5°	77303.3	117205.3	143465.1	156473.4	164182.3	172074.6	182523.1	193472.5	205181.1	216470.0	228009.7
30°	105082.4	140952.0	158648.3	164948.7	169461.0	176568.8	185193.0	195180.9	205270.0	215654.8	224169.5
27.5°	124052.6	149660.8	157301.0	157818.4	160925.7	166299.4	172771.8	180334.0	187601.8	195195.6	200863.2
25°	132629.5	144106.0	143817.6	143234.4	145589.2	149072.3	153020.0	157785.0	162614.9	167000.0	170384.9
22.5°	127583.6	131896.2	129697.1	128793.6	130328.6	132127.6	134185.7	137084.8	139569.1	141582.1	143319.6
20°	121458.9	120344.1	117198.1	116452.2	117378.4	117612.9	118738.9	119657.6	120803.3	121553.9	121725.3
17.5°	112103.1	109541.1	106544.6	106101.8	106183.2	105694.6	105767.1	105968.6	105946.0	105812.6	105523.7
15°	103415.6	100116.6	97639.1	97076.4	96514.6	95595.2	95160.6	94807.2	94316.0	93776.3	93093.8
12.5°	94698.6	91604.9	89476.8	89116.5	88116.8	86873.7	86189.9	85511.3	84811.2	83917.6	83314.1
10°	86782.9	83807.9	82198.9	81731.4	80629.5	79362.5	78427.4	77594.9	76637.5	75811.6	74962.4
7.5°	79333.5	76859.7	75602.3	75130.1	73803.7	72479.4	71628.6	70717.1	69756.8	68831.3	68012.8
5°	72287.4	70303.1	69290.3	69015.1	67733.0	66444.3	65584.2	64745.1	63815.9	62914.8	62097.6
2.5°	65793.7	64304.3	63519.6	63385.0	62229.2	61041.1	60231.7	59453.6	58673.7	57845.4	57061.8
0°	59671.9	58601.6	58058.2	58046.8	57091.6	56064.1	55455.2	54804.4	54094.2	53417.2	52847.6
-2.5°	54090.7	53445.0	53149.0	53346.2	52668.8	51802.6	51211.7	50690.8	50159.4	49639.4	49110.9
-5°	48938.8	48667.2	48670.2	49155.9	48681.4	47984.6	47533.9	47120.6	46673.4	46263.2	45899.5
-7.5°	44372.1	44358.8	44536.3	45139.4	45042.5	44465.0	44144.8	43856.8	43523.2	43179.5	42915.1
-10°	40208.8	40341.6	40621.5	41266.2	41430.4	41110.3	40900.3	40663.4	40416.6	40132.4	39958.0
-12.5°	36632.3	36906.2	37160.7	37883.2	38198.7	37968.9	37823.3	37654.1	37406.3	37183.1	36966.0
-15°	33248.0	33600.1	33901.0	34496.0	34935.3	34800.7	34716.9	34574.4	34391.6	34188.3	34116.5
-17.5°	29952.4	30379.3	30702.5	31156.3	31701.2	31508.5	31384.5	31228.1	31102.4	30961.2	30635.4
-20°	25931.8	26380.6	26727.1	27097.7	27657.3	27666.7	27586.0	27522.6	27279.0	27025.8	27067.4



REPORT NUMBER: P902064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NMB-LT

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	21511.9	21787.7	22028.5	22250.1	22603.1	22583.9	22300.0	22047.7	21981.9	21691.9	21438.4
-25°	18210.8	18512.9	18771.1	18887.5	19174.8	19276.9	19030.5	18855.7	18620.0	18420.1	18160.6
-27.5°	14884.1	15423.0	15753.9	15876.2	16040.0	16185.1	15976.8	15767.2	15524.0	15298.1	15049.3
-30°	11123.1	11788.8	12235.5	12365.5	12461.5	12590.7	12429.6	12186.1	11867.5	11627.2	11362.7
-32.5°	7798.1	8406.5	8920.9	9124.1	9074.9	9214.0	9131.6	8757.3	8479.8	8178.2	7910.1
-35°	5737.5	6083.5	6449.7	6571.6	6488.2	6620.6	6507.2	6227.8	5949.2	5757.4	5508.0
-37.5°	4437.8	4563.2	4729.5	4771.8	4655.3	4756.5	4702.1	4530.5	4312.1	4205.9	4151.3
-40°	3436.7	3519.6	3554.1	3584.4	3556.3	3627.5	3604.1	3524.2	3417.4	3357.9	3316.1
-42.5°	2789.0	2843.3	2867.6	2887.6	2882.9	2981.5	3018.0	2978.5	2928.7	2890.8	2938.8
-45°	2393.8	2457.5	2489.9	2530.0	2553.0	2614.9	2680.7	2703.6	2688.7	2712.4	2808.0
-47.5°	2142.0	2222.8	2282.8	2344.1	2387.6	2449.4	2525.5	2611.7	2579.7	2620.0	2760.9
-50°	1903.4	1991.2	2073.7	2134.6	2211.4	2269.0	2373.4	2443.8	2448.7	2564.7	2781.4
-52.5°	1664.8	1748.8	1804.2	1870.6	1945.8	2071.7	2177.3	2298.4	2330.7	2443.0	2477.3
-55°	1490.7	1569.8	1624.8	1696.8	1786.6	1870.7	1948.9	2037.4	2179.4	2271.0	2186.7
-57.5°	1366.1	1443.1	1513.0	1586.6	1643.3	1681.9	1718.7	1808.5	2096.4	2090.1	2101.1
-60°	1234.7	1319.4	1394.9	1455.6	1492.5	1509.6	1545.9	1693.2	1982.9	1991.9	2066.4
-62.5°	1083.6	1172.2	1240.8	1291.0	1324.6	1350.5	1431.5	1604.1	1812.9	1867.1	1971.7
-65°	927.4	1013.4	1069.9	1106.1	1147.9	1203.1	1298.4	1436.5	1574.1	1657.9	1775.9
-67.5°	777.6	852.5	908.0	939.9	977.8	1036.7	1124.7	1215.9	1304.7	1400.0	1535.2
-70°	634.4	691.0	738.0	770.4	803.3	847.7	916.6	996.4	1078.5	1159.9	1253.5
-72.5°	495.4	535.7	571.0	600.7	629.1	660.7	705.3	767.2	830.0	891.4	965.3
-75°	364.1	391.8	416.9	440.8	464.3	489.1	518.4	561.7	611.2	654.0	692.0
-77.5°	248.5	272.4	291.2	305.7	322.2	338.7	358.5	383.9	417.0	440.3	456.9
-80°	181.5	194.0	203.6	211.2	220.4	227.0	233.4	261.7	273.9	288.5	307.0
-82.5°	126.9	133.1	138.0	142.6	150.1	155.8	165.7	179.9	190.7	201.8	206.7
-85°	86.1	88.4	90.7	92.8	99.4	106.4	120.5	129.7	133.4	137.0	144.4
-87.5°	55.5	56.4	57.2	58.0	60.5	64.6	69.5	78.2	80.3	83.8	88.1
-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: P902064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NMB-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°	34.7	35.3	38.6	40.2	38.6	35.3	34.7	34.5	33.6	33.2	32.6
85°	197.8	219.9	244.7	252.2	244.7	219.9	197.8	174.0	150.6	136.2	126.3
82.5°	588.7	672.4	739.6	765.4	739.6	672.4	588.7	486.7	401.3	336.5	293.5
80°	1190.0	1386.1	1554.2	1589.1	1554.2	1386.1	1190.0	979.5	775.7	626.2	529.1
77.5°	1532.3	1781.6	2097.5	2267.9	2097.5	1781.6	1532.3	1279.0	1029.5	869.0	741.3
75°	1620.3	1999.4	2533.7	2950.6	2533.7	1999.4	1620.3	1329.3	1139.2	1025.9	910.8
72.5°	1400.4	1877.4	2924.8	3911.8	2924.8	1877.4	1400.4	1236.9	1163.0	1099.8	1027.7
70°	1332.2	1593.4	2806.0	4314.1	2806.0	1593.4	1332.2	1334.8	1322.2	1278.7	1236.9
67.5°	1634.3	1645.1	2222.5	3216.4	2222.5	1645.1	1634.3	1689.5	1754.5	1906.6	2045.9
65°	2315.0	2154.9	2137.7	2232.2	2137.7	2154.9	2315.0	2522.0	2761.6	3132.0	3525.0
62.5°	3109.5	2845.7	2659.8	2573.5	2659.8	2845.7	3109.5	3445.4	3846.3	4477.1	5142.8
60°	3709.7	3366.0	3170.2	3100.2	3170.2	3366.0	3709.7	4244.1	5007.1	5962.4	6490.0
57.5°	4272.0	3939.5	3762.3	3711.2	3762.3	3939.5	4272.0	4838.8	5868.2	6896.5	6548.2
55°	5499.1	5165.8	4971.4	4906.4	4971.4	5165.8	5499.1	5875.0	6217.8	6316.1	5865.2
52.5°	6517.5	6461.2	6392.9	6330.7	6392.9	6461.2	6517.5	6545.3	6496.6	6317.8	6061.0
50°	6962.1	6601.4	6333.7	6159.6	6333.7	6601.4	6962.1	7054.6	7021.5	7148.7	6607.9
47.5°	9422.9	9236.5	9010.5	8770.4	9010.5	9236.5	9422.9	9318.5	9003.5	8756.2	8258.0
45°	16001.2	15664.9	15288.2	15008.4	15288.2	15664.9	16001.2	15951.8	15742.2	15708.2	15920.8
42.5°	27973.0	28185.9	28375.8	28262.3	28375.8	28185.9	27973.0	27956.7	27765.6	29107.6	29934.9
40°	50753.8	47587.9	45937.5	45458.2	45937.5	47587.9	50753.8	53400.2	54465.2	54015.6	56814.7
37.5°	125139.0	124123.7	124475.8	124074.3	124475.8	124123.7	125139.0	122986.4	116522.2	112657.3	110545.6
35°	203935.6	207899.4	210584.5	211393.3	210584.5	207899.4	203935.6	196930.6	186855.8	178715.7	166723.8
32.5°	234391.9	240466.5	244505.8	245919.2	244505.8	240466.5	234391.9	228009.7	216470.0	205181.1	193472.5
30°	230804.4	236634.2	240160.2	241525.5	240160.2	236634.2	230804.4	224169.5	215654.8	205270.0	195180.9
27.5°	205776.0	209944.0	211617.9	212114.1	211617.9	209944.0	205776.0	200863.2	195195.6	187601.8	180334.0
25°	172806.0	174745.0	175579.9	176056.9	175579.9	174745.0	172806.0	170384.9	167000.0	162614.9	157785.0
22.5°	144327.1	144981.8	145100.9	145262.5	145100.9	144981.8	144327.1	143319.6	141582.1	139569.1	137084.8
20°	122119.1	122254.0	122125.0	122056.1	122125.0	122254.0	122119.1	121725.3	121553.9	120803.3	119657.6
17.5°	105490.8	104987.4	104904.6	105161.9	104904.6	104987.4	105490.8	105523.7	105812.6	105946.0	105968.6
15°	92772.1	92294.6	92134.0	92456.9	92134.0	92294.6	92772.1	93093.8	93776.3	94316.0	94807.2
12.5°	82711.1	82111.0	81913.0	82017.2	81913.0	82111.0	82711.1	83314.1	83917.6	84811.2	85511.3
10°	74272.1	73724.3	73474.3	73353.9	73474.3	73724.3	74272.1	74962.4	75811.6	76637.5	77594.9
7.5°	67240.6	66698.0	66356.1	66349.0	66356.1	66698.0	67240.6	68012.8	68831.3	69756.8	70717.1
5°	61398.9	60884.4	60651.4	60548.3	60651.4	60884.4	61398.9	62097.6	62914.8	63815.9	64745.1
2.5°	56409.2	56029.6	55802.1	55739.7	55802.1	56029.6	56409.2	57061.8	57845.4	58673.7	59453.6
0°	52265.6	51890.4	51727.8	51732.7	51727.8	51890.4	52265.6	52847.6	53417.2	54094.2	54804.4
-2.5°	48669.5	48401.1	48310.6	48320.3	48310.6	48401.1	48669.5	49110.9	49639.4	50159.4	50690.8
-5°	45563.3	45318.9	45158.8	45171.4	45158.8	45318.9	45563.3	45899.5	46263.2	46673.4	47120.6
-7.5°	42630.5	42402.0	42329.7	42268.8	42329.7	42402.0	42630.5	42915.1	43179.5	43523.2	43856.8
-10°	39759.6	39552.2	39506.5	39437.8	39506.5	39552.2	39759.6	39958.0	40132.4	40416.6	40663.4
-12.5°	36855.0	36768.7	36715.9	36695.5	36715.9	36768.7	36855.0	36966.0	37183.1	37406.3	37654.1
-15°	33825.1	33790.9	33671.2	33684.2	33671.2	33790.9	33825.1	34116.5	34188.3	34391.6	34574.4
-17.5°	30565.9	30315.9	30464.8	30502.2	30464.8	30315.9	30565.9	30635.4	30961.2	31102.4	31228.1
-20°	26693.5	26718.7	26756.5	26754.7	26756.5	26718.7	26693.5	27067.4	27025.8	27279.0	27522.6



REPORT NUMBER: P902064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NMB-LT

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	21271.1	21300.4	21196.5	21145.0	21196.5	21300.4	21271.1	21438.4	21691.9	21981.9	22047.7
-25°	18038.2	17852.3	17760.5	17720.6	17760.5	17852.3	18038.2	18160.6	18420.1	18620.0	18855.7
-27.5°	14882.2	14807.7	14757.6	14737.1	14757.6	14807.7	14882.2	15049.3	15298.1	15524.0	15767.2
-30°	11324.8	11306.4	11336.0	11282.2	11336.0	11306.4	11324.8	11362.7	11627.2	11867.5	12186.1
-32.5°	7867.5	7893.0	7866.1	7775.8	7866.1	7893.0	7867.5	7910.1	8178.2	8479.8	8757.3
-35°	5467.4	5513.5	5493.8	5434.5	5493.8	5513.5	5467.4	5508.0	5757.4	5949.2	6227.8
-37.5°	4046.0	4099.1	4144.8	4151.2	4144.8	4099.1	4046.0	4151.3	4205.9	4312.1	4530.5
-40°	3315.9	3386.2	3510.4	3545.9	3510.4	3386.2	3315.9	3316.1	3357.9	3417.4	3524.2
-42.5°	3018.0	3186.1	3406.5	3571.4	3406.5	3186.1	3018.0	2938.8	2890.8	2928.7	2978.5
-45°	2872.8	3238.2	3542.0	3657.6	3542.0	3238.2	2872.8	2808.0	2712.4	2688.7	2703.6
-47.5°	3058.2	3266.2	3422.5	3445.2	3422.5	3266.2	3058.2	2760.9	2620.0	2579.7	2611.7
-50°	2854.6	2926.1	2984.5	2949.3	2984.5	2926.1	2854.6	2781.4	2564.7	2448.7	2443.8
-52.5°	2449.8	2501.2	2483.4	2464.4	2483.4	2501.2	2449.8	2477.3	2443.0	2330.7	2298.4
-55°	2228.9	2253.4	2260.9	2275.2	2260.9	2253.4	2228.9	2186.7	2271.0	2179.4	2037.4
-57.5°	2156.7	2178.2	2186.2	2187.6	2186.2	2178.2	2156.7	2101.1	2090.1	2096.4	1808.5
-60°	2145.6	2195.3	2230.7	2235.1	2230.7	2195.3	2145.6	2066.4	1991.9	1982.9	1693.2
-62.5°	2079.0	2177.3	2245.2	2244.7	2245.2	2177.3	2079.0	1971.7	1867.1	1812.9	1604.1
-65°	1906.9	2028.3	2099.9	2097.6	2099.9	2028.3	1906.9	1775.9	1657.9	1574.1	1436.5
-67.5°	1670.3	1795.2	1901.5	1948.2	1901.5	1795.2	1670.3	1535.2	1400.0	1304.7	1215.9
-70°	1364.8	1513.9	1691.3	1825.8	1691.3	1513.9	1364.8	1253.5	1159.9	1078.5	996.4
-72.5°	1035.3	1259.3	1385.5	1237.6	1385.5	1259.3	1035.3	965.3	891.4	830.0	767.2
-75°	723.7	786.3	814.6	778.3	814.6	786.3	723.7	692.0	654.0	611.2	561.7
-77.5°	473.3	485.3	489.7	491.2	489.7	485.3	473.3	456.9	440.3	417.0	383.9
-80°	316.7	323.9	318.3	314.9	318.3	323.9	316.7	307.0	288.5	273.9	261.7
-82.5°	220.9	220.3	217.4	220.1	217.4	220.3	220.9	206.7	201.8	190.7	179.9
-85°	146.4	148.4	148.6	149.0	148.6	148.4	146.4	144.4	137.0	133.4	129.7
-87.5°	88.1	90.1	91.8	91.8	91.8	90.1	88.1	88.1	83.8	80.3	78.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P902064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NMB-LT

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°	31.6	30.3	29.3	31.4	30.0	28.8	27.2	25.4	24.4	23.8	25.9
85°	114.0	104.0	100.0	96.8	92.3	82.4	78.2	75.5	72.8	68.1	66.9
82.5°	254.8	230.2	214.3	199.0	188.3	172.1	166.8	165.1	157.7	142.3	131.2
80°	446.3	395.3	365.2	343.3	322.5	305.8	302.6	300.6	281.2	247.5	221.6
77.5°	626.7	562.8	525.3	515.7	511.2	513.4	513.5	497.5	443.3	381.7	339.0
75°	797.3	725.1	717.0	779.2	851.8	876.3	837.0	752.0	660.5	562.8	483.5
72.5°	974.5	956.8	1039.6	1232.9	1388.1	1380.1	1234.9	1056.6	905.3	769.5	652.9
70°	1268.0	1358.2	1546.8	1852.7	1992.6	1843.4	1565.8	1323.3	1132.0	973.4	849.3
67.5°	2023.7	2015.8	2157.7	2426.8	2532.0	2201.8	1810.1	1534.8	1325.5	1161.9	1039.8
65°	3200.1	2676.3	2714.5	3083.3	2943.7	2405.0	1990.7	1693.4	1491.9	1343.0	1237.9
62.5°	4364.7	3265.0	3148.5	3546.9	3091.1	2477.0	2080.4	1842.3	1681.7	1543.3	1484.3
60°	5197.0	3962.9	3630.1	3628.3	3081.3	2555.4	2221.7	2070.1	1959.3	1886.0	1857.6
57.5°	5300.2	4478.9	3963.1	3590.9	3137.9	2783.9	2518.7	2424.8	2356.3	2360.3	2397.2
55°	5288.2	4771.5	4173.5	3852.4	3589.1	3252.6	3013.4	2935.7	2939.4	3014.8	2981.6
52.5°	5612.2	5088.4	4642.1	4445.0	4203.6	3904.2	3659.5	3695.7	3788.8	3870.6	3770.4
50°	5991.3	5630.4	5348.2	5364.0	5153.2	5087.2	4819.3	4983.6	5139.7	5095.6	4988.8
47.5°	8323.6	8226.4	8082.9	8485.6	8150.1	8179.8	7794.1	7602.9	7579.5	7215.0	6941.8
45°	16345.7	16623.1	16396.1	16504.5	15341.4	14383.8	13082.4	11956.9	11267.1	10269.8	9328.9
42.5°	30666.9	32123.0	31180.0	30523.4	27737.6	24111.4	20437.6	17423.8	15441.0	13545.7	11867.4
40°	55099.7	57180.5	55330.6	52632.2	45612.3	37465.4	29728.5	23551.7	19634.2	16774.6	14279.7
37.5°	105264.3	101668.1	95607.1	87439.5	73020.0	53936.9	40673.2	30154.8	23421.7	19469.2	16297.5
35°	158018.9	147588.1	140600.7	129218.7	111544.0	82125.6	54971.2	38468.5	28061.8	22069.6	18266.2
32.5°	182523.1	172074.6	164182.3	156473.4	143465.1	117205.3	77303.3	48827.7	33702.9	25000.2	19927.8
30°	185193.0	176568.8	169461.0	164948.7	158648.3	140952.0	105082.4	65405.0	42248.7	28637.7	21076.8
27.5°	172771.8	166299.4	160925.7	157818.4	157301.0	149660.8	124052.6	83095.5	52371.8	34337.4	23127.9
25°	153020.0	149072.3	145589.2	143234.4	143817.6	144106.0	132629.5	98786.9	60991.8	40087.1	24831.3
22.5°	134185.7	132127.6	130328.6	128793.6	129697.1	131896.2	127583.6	105940.0	72368.1	46805.1	29173.1
20°	118738.9	117612.9	117378.4	116452.2	117198.1	120344.1	121458.9	110160.9	80052.2	52919.4	33763.2
17.5°	105767.1	105694.6	106183.2	106101.8	106544.6	109541.1	112103.1	106721.5	85426.4	59365.1	38749.2
15°	95160.6	95595.2	96514.6	97076.4	97639.1	100116.6	103415.6	103122.0	88623.4	63786.2	43531.3
12.5°	86189.9	86873.7	88116.8	89116.5	89476.8	91604.9	94698.6	95359.3	87158.4	66324.9	47163.6
10°	78427.4	79362.5	80629.5	81731.4	82198.9	83807.9	86782.9	88050.0	83154.0	67406.6	49490.0
7.5°	71628.6	72479.4	73803.7	75130.1	75602.3	76859.7	79333.5	80843.5	78202.3	66628.8	50600.6
5°	65584.2	66444.3	67733.0	69015.1	69290.3	70303.1	72287.4	73640.5	72472.2	64214.4	50512.5
2.5°	60231.7	61041.1	62229.2	63385.0	63519.6	64304.3	65793.7	66797.6	66312.8	60487.2	49347.2
0°	55455.2	56064.1	57091.6	58046.8	58058.2	58601.6	59671.9	60377.8	59993.2	56014.0	47400.1
-2.5°	51211.7	51802.6	52668.8	53346.2	53149.0	53445.0	54090.7	54490.4	54101.4	51229.8	44795.2
-5°	47533.9	47984.6	48681.4	49155.9	48670.2	48667.2	48938.8	49088.3	48627.0	46571.8	41873.7
-7.5°	44144.8	44465.0	45042.5	45139.4	44536.3	44358.8	44372.1	44214.6	43697.4	42183.7	38856.6
-10°	40900.3	41110.3	41430.4	41266.2	40621.5	40341.6	40208.8	39819.4	39364.8	38231.9	36003.8
-12.5°	37823.3	37968.9	38198.7	37883.2	37160.7	36906.2	36632.3	36228.4	35827.0	34982.3	33864.7
-15°	34716.9	34800.7	34935.3	34496.0	33901.0	33600.1	33248.0	32845.5	32586.8	32161.0	31754.9
-17.5°	31384.5	31508.5	31701.2	31156.3	30702.5	30379.3	29952.4	29590.9	29426.1	29223.2	28887.4
-20°	27586.0	27666.7	27657.3	27097.7	26727.1	26380.6	25931.8	25611.3	25355.4	25265.6	23816.7



REPORT NUMBER: P902064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NMB-LT

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	22300.0	22583.9	22603.1	22250.1	22028.5	21787.7	21511.9	21287.3	20977.4	20112.1	17448.4
-25°	19030.5	19276.9	19174.8	18887.5	18771.1	18512.9	18210.8	17788.0	17151.4	15280.6	11933.5
-27.5°	15976.8	16185.1	16040.0	15876.2	15753.9	15423.0	14884.1	14052.7	12650.4	10609.9	8318.3
-30°	12429.6	12590.7	12461.5	12365.5	12235.5	11788.8	11123.1	10163.5	8817.0	7363.4	6127.8
-32.5°	9131.6	9214.0	9074.9	9124.1	8920.9	8406.5	7798.1	7041.8	6366.5	5666.6	4987.3
-35°	6507.2	6620.6	6488.2	6571.6	6449.7	6083.5	5737.5	5422.5	5007.3	4538.9	4022.3
-37.5°	4702.1	4756.5	4655.3	4771.8	4729.5	4563.2	4437.8	4216.5	3941.2	3596.1	3201.9
-40°	3604.1	3627.5	3556.3	3584.4	3554.1	3519.6	3436.7	3270.1	3066.5	2874.5	2654.7
-42.5°	3018.0	2981.5	2882.9	2887.6	2867.6	2843.3	2789.0	2670.9	2555.0	2423.6	2272.6
-45°	2680.7	2614.9	2553.0	2530.0	2489.9	2457.5	2393.8	2304.0	2221.3	2114.3	2002.0
-47.5°	2525.5	2449.4	2387.6	2344.1	2282.8	2222.8	2142.0	2060.1	1979.3	1894.6	1794.2
-50°	2373.4	2269.0	2211.4	2134.6	2073.7	1991.2	1903.4	1836.1	1764.6	1684.0	1587.0
-52.5°	2177.3	2071.7	1945.8	1870.6	1804.2	1748.8	1664.8	1613.0	1550.4	1463.3	1373.3
-55°	1948.9	1870.7	1786.6	1696.8	1624.8	1569.8	1490.7	1430.1	1356.8	1271.6	1180.2
-57.5°	1718.7	1681.9	1643.3	1586.6	1513.0	1443.1	1366.1	1285.4	1202.8	1122.2	1044.5
-60°	1545.9	1509.6	1492.5	1455.6	1394.9	1319.4	1234.7	1142.1	1062.2	999.3	944.1
-62.5°	1431.5	1350.5	1324.6	1291.0	1240.8	1172.2	1083.6	988.3	925.3	875.2	824.3
-65°	1298.4	1203.1	1147.9	1106.1	1069.9	1013.4	927.4	846.3	794.4	744.4	691.6
-67.5°	1124.7	1036.7	977.8	939.9	908.0	852.5	777.6	719.9	667.1	615.8	566.6
-70°	916.6	847.7	803.3	770.4	738.0	691.0	634.4	583.5	540.7	499.3	459.3
-72.5°	705.3	660.7	629.1	600.7	571.0	535.7	495.4	455.9	422.4	394.1	370.0
-75°	518.4	489.1	464.3	440.8	416.9	391.8	364.1	337.4	313.5	295.6	282.6
-77.5°	358.5	338.7	322.2	305.7	291.2	272.4	248.5	231.9	219.1	212.5	207.7
-80°	233.4	227.0	220.4	211.2	203.6	194.0	181.5	166.5	158.3	153.1	150.3
-82.5°	165.7	155.8	150.1	142.6	138.0	133.1	126.9	118.5	114.4	109.7	105.9
-85°	120.5	106.4	99.4	92.8	90.7	88.4	86.1	83.4	81.3	72.6	69.1
-87.5°	69.5	64.6	60.5	58.0	57.2	56.4	55.5	54.4	52.4	37.9	36.3
-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: P902064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NMB-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°	29.1	27.4	27.0	25.4	23.8	21.9	20.3	18.5	16.8	15.0	13.2
85°	66.4	64.1	62.4	57.8	53.2	48.8	43.3	38.0	33.5	30.0	26.4
82.5°	121.7	117.3	109.8	99.1	88.3	82.9	73.9	65.3	57.6	50.1	42.1
80°	200.1	190.2	172.5	157.0	143.3	132.8	116.1	97.2	82.4	73.0	62.7
77.5°	303.5	283.3	259.4	234.8	210.4	190.8	168.9	147.5	123.4	100.2	83.1
75°	432.0	402.1	368.7	330.1	289.0	267.3	239.5	203.5	167.7	137.5	109.8
72.5°	585.6	547.0	502.6	444.9	394.5	355.2	315.9	275.1	223.5	174.1	139.8
70°	774.5	723.3	659.2	589.7	512.1	451.8	401.9	347.0	283.8	222.1	169.0
67.5°	974.8	926.5	851.1	751.1	641.1	554.9	486.0	420.0	344.2	270.0	206.5
65°	1190.1	1144.1	1057.7	924.8	790.9	657.7	567.8	494.0	405.7	320.2	243.9
62.5°	1440.0	1388.2	1280.1	1126.8	946.2	784.4	655.1	574.8	468.6	375.8	279.7
60°	1791.6	1688.7	1531.7	1341.2	1115.0	910.3	756.3	653.3	542.1	430.8	322.1
57.5°	2240.5	2038.8	1811.1	1566.0	1283.3	1035.3	854.3	731.0	611.6	485.0	361.7
55°	2775.9	2437.9	2106.0	1766.1	1437.2	1156.1	951.8	807.2	677.8	539.6	398.4
52.5°	3570.1	3193.2	2434.1	1955.3	1581.5	1273.0	1044.1	886.9	743.2	593.5	442.1
50°	4827.0	4358.9	3212.1	2150.6	1721.4	1397.5	1141.5	960.4	807.6	651.9	482.9
47.5°	6658.7	5800.9	4073.7	2526.0	1850.6	1512.7	1228.1	1032.2	870.3	709.0	519.5
45°	8779.9	7541.1	5037.4	2834.3	1992.6	1613.1	1308.8	1097.7	931.0	760.1	558.6
42.5°	10795.2	9236.5	6104.0	3345.7	2128.2	1704.8	1377.2	1155.8	988.1	808.3	599.0
40°	12595.6	10704.7	7049.4	3722.2	2259.7	1780.8	1452.3	1216.1	1040.6	855.4	633.7
37.5°	14128.5	12131.9	8306.4	4422.5	2500.9	1833.7	1508.6	1267.9	1087.9	901.1	662.8
35°	15453.4	13588.5	9712.2	4926.5	2658.7	1913.0	1565.1	1315.1	1131.4	931.3	688.5
32.5°	16661.2	14574.7	11102.0	6170.7	3146.8	2055.9	1613.3	1367.6	1171.0	960.8	715.4
30°	17366.1	15220.5	12439.5	7199.5	3472.5	2172.2	1654.1	1415.2	1207.5	991.7	738.7
27.5°	17612.4	15197.7	12886.3	8281.4	4198.2	2372.5	1714.8	1460.6	1243.7	1016.2	755.9
25°	17461.0	14678.7	13042.5	9375.8	4989.5	2672.0	1809.9	1504.1	1281.4	1031.8	767.3
22.5°	18539.6	14367.2	13044.2	10257.3	5747.3	2931.6	1903.2	1540.2	1311.2	1047.4	785.8
20°	20207.6	14457.7	12597.2	10587.1	6557.6	3193.7	1978.5	1565.5	1335.0	1066.0	804.4
17.5°	22581.9	14690.9	12194.2	10776.2	7358.7	3777.2	2123.8	1589.2	1352.3	1080.6	819.0
15°	26814.6	16092.0	11854.6	10803.9	8001.7	4357.1	2351.7	1638.1	1368.3	1087.7	830.6
12.5°	30634.6	18241.4	12274.5	10668.7	8489.2	4872.4	2625.1	1731.7	1384.5	1098.5	839.9
10°	33897.5	20692.0	13012.4	10425.4	8811.8	5362.9	2896.5	1836.3	1418.4	1114.2	846.0
7.5°	36449.6	23202.4	14093.8	10322.9	8808.8	5787.8	3208.3	1960.3	1453.3	1126.8	848.6
5°	38010.3	25534.0	15300.3	10365.9	8702.0	6148.9	3508.7	2079.1	1485.9	1141.0	846.7
2.5°	38585.9	27474.4	16478.9	10427.8	8528.5	6396.0	3778.5	2184.8	1514.6	1153.4	841.3
0°	38431.8	28954.7	17462.5	10439.6	8305.1	6554.2	4009.9	2272.9	1536.6	1161.3	832.4
-2.5°	37614.4	29755.2	17909.1	10284.2	8037.5	6521.3	4096.4	2285.5	1533.3	1157.2	826.8
-5°	36463.9	29807.3	17650.5	9929.3	7743.3	6409.9	4120.9	2269.6	1522.4	1147.2	818.1
-7.5°	35146.8	28927.2	16664.2	9383.4	7424.4	6184.3	3988.1	2196.0	1506.6	1131.7	806.2
-10°	33719.2	27008.4	15001.9	8676.7	7089.9	5867.4	3791.8	2089.9	1487.1	1111.0	792.9
-12.5°	31947.5	23984.7	12740.5	7885.0	6745.7	5463.1	3477.8	1953.9	1463.2	1084.1	777.0
-15°	29244.3	19732.4	10207.3	7417.3	6380.4	4992.1	3130.9	1800.4	1431.4	1053.9	758.6
-17.5°	25116.7	15155.7	8964.1	7015.9	5919.8	4469.7	2734.4	1710.9	1392.6	1021.6	739.2
-20°	18555.0	11455.3	7733.3	6366.5	5323.1	3791.4	2422.2	1644.5	1336.9	983.7	717.4



REPORT NUMBER: P902064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NMB-LT

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	12465.8	8260.6	6439.2	5498.1	4432.8	3166.4	2134.7	1575.5	1267.9	940.5	691.4
-25°	8407.7	6368.3	5420.1	4561.2	3539.4	2624.5	1883.5	1502.1	1193.3	897.4	665.2
-27.5°	6533.7	5422.5	4571.0	3693.8	2866.1	2182.5	1687.3	1426.5	1130.1	864.7	642.5
-30°	5274.4	4548.2	3735.5	2979.9	2354.6	1921.3	1576.2	1339.8	1076.6	828.9	616.2
-32.5°	4342.9	3675.1	3013.0	2481.6	2062.9	1742.8	1479.0	1254.8	1021.9	789.6	586.2
-35°	3490.3	2951.7	2480.8	2104.4	1815.3	1585.6	1374.7	1172.9	960.7	747.5	553.9
-37.5°	2845.1	2506.2	2177.6	1897.1	1663.5	1462.1	1276.7	1094.5	902.2	705.8	523.4
-40°	2413.7	2179.6	1941.8	1715.7	1524.8	1353.6	1188.3	1021.0	846.6	663.7	493.6
-42.5°	2104.6	1938.5	1759.4	1568.1	1403.2	1252.7	1101.6	949.3	788.5	619.9	460.2
-45°	1878.7	1741.2	1588.2	1424.7	1285.5	1153.3	1020.3	879.9	731.0	574.7	423.7
-47.5°	1675.8	1556.1	1429.5	1294.9	1172.7	1052.6	933.1	809.3	674.2	532.4	390.8
-50°	1480.7	1375.6	1269.3	1157.9	1057.0	952.9	846.3	737.7	614.8	484.3	358.4
-52.5°	1288.2	1202.2	1109.8	1024.3	938.8	851.6	758.4	664.2	553.5	434.4	322.5
-55°	1119.2	1046.5	977.9	900.8	822.6	756.3	674.6	587.7	492.1	392.3	284.7
-57.5°	988.2	931.1	867.1	792.0	730.4	666.0	593.9	517.3	431.8	351.3	255.5
-60°	887.3	824.2	762.3	698.4	641.3	583.4	518.9	448.2	383.3	311.6	226.6
-62.5°	767.2	705.8	643.9	599.3	552.6	505.3	447.4	386.6	333.3	267.8	195.9
-65°	636.5	580.5	532.0	497.4	460.6	428.1	378.7	326.0	277.9	221.7	171.1
-67.5°	522.4	475.6	436.4	404.8	370.5	348.3	308.9	268.2	222.5	182.8	144.8
-70°	427.9	394.8	359.2	329.8	305.7	275.7	247.7	211.7	178.4	149.7	118.6
-72.5°	347.1	320.1	291.1	266.6	245.5	218.7	190.0	169.2	143.6	117.9	99.4
-75°	266.2	246.8	225.5	206.2	187.6	170.2	152.7	133.4	112.6	96.0	79.7
-77.5°	194.8	177.6	166.5	156.7	145.5	130.8	117.8	105.3	88.6	74.1	62.6
-80°	142.0	132.8	123.4	116.1	108.6	99.7	90.7	80.1	66.0	57.9	50.7
-82.5°	100.7	95.4	89.8	83.8	77.0	71.9	66.8	60.1	49.6	44.0	38.7
-85°	66.2	63.2	60.1	56.7	53.2	49.9	46.5	41.2	33.0	29.6	26.1
-87.5°	34.7	33.0	31.3	29.5	27.6	25.7	23.7	20.7	16.5	14.8	13.0
-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: P902064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NMB-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°	12.0	10.8	8.6	6.1	4.2	2.1	0.0
85°	24.0	21.5	17.2	12.3	8.3	4.2	0.0
82.5°	36.0	32.2	25.8	18.4	12.4	6.2	0.0
80°	52.2	43.2	34.3	24.4	16.6	8.3	0.0
77.5°	68.5	54.8	43.0	30.5	20.6	10.3	0.0
75°	84.3	66.4	52.3	36.5	24.7	12.4	0.0
72.5°	105.8	77.9	61.1	42.0	28.7	14.4	0.0
70°	128.6	92.3	69.6	47.2	32.6	16.3	0.0
67.5°	150.4	109.6	77.6	52.3	36.5	18.3	0.0
65°	175.3	126.3	87.2	57.2	39.8	20.2	0.0
62.5°	203.7	142.3	98.1	61.9	42.7	22.0	0.0
60°	230.7	160.1	108.5	66.4	45.6	23.9	0.0
57.5°	256.3	179.7	118.3	70.9	48.4	25.7	0.0
55°	286.1	197.7	127.6	78.2	51.1	27.4	0.0
52.5°	313.3	214.2	137.1	85.2	53.7	29.1	0.0
50°	337.8	229.9	149.9	91.8	56.3	30.7	0.0
47.5°	360.6	249.9	162.4	98.0	58.7	32.3	0.0
45°	386.9	269.7	174.8	103.9	61.1	33.8	0.0
42.5°	409.9	289.1	186.6	109.4	63.4	35.2	0.0
40°	433.4	308.2	197.6	115.0	65.7	36.6	0.0
37.5°	458.6	326.9	207.8	120.3	67.8	37.9	0.0
35°	485.3	344.0	219.2	127.3	70.8	38.9	0.0
32.5°	510.1	358.6	230.3	134.5	74.0	39.8	0.0
30°	530.3	371.7	240.0	141.1	77.0	40.7	0.0
27.5°	547.2	383.3	249.5	147.1	79.7	41.5	0.0
25°	562.0	393.3	258.1	152.4	82.2	42.2	0.0
22.5°	574.6	402.9	265.8	157.1	84.5	42.9	0.0
20°	586.0	413.9	272.6	161.2	86.5	43.5	0.0
17.5°	598.0	423.6	278.4	165.1	88.4	44.0	0.0
15°	607.9	432.3	283.2	168.7	89.9	44.5	0.0
12.5°	614.9	439.5	288.1	171.8	91.3	44.9	0.0
10°	619.1	444.2	292.5	174.3	92.4	45.2	0.0
7.5°	621.0	446.7	295.9	176.3	93.2	45.5	0.0
5°	620.4	447.5	298.3	177.7	93.9	45.6	0.0
2.5°	617.4	446.7	299.8	178.5	94.2	45.7	0.0
0°	612.1	444.4	300.3	178.8	94.4	45.8	0.0
-2.5°	609.3	442.1	297.6	178.3	94.2	45.7	0.0
-5°	604.3	438.2	293.9	177.3	93.9	45.6	0.0
-7.5°	597.2	432.8	289.4	175.8	93.2	45.5	0.0
-10°	588.3	425.9	284.2	173.7	92.4	45.2	0.0
-12.5°	578.3	417.4	278.1	171.1	91.3	44.9	0.0
-15°	566.1	407.1	271.8	168.0	89.9	44.5	0.0
-17.5°	551.8	395.8	265.5	164.3	88.4	44.0	0.0
-20°	534.8	383.8	258.3	160.1	86.5	43.5	0.0



REPORT NUMBER: P902064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-NMB-LT

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	515.9	370.8	250.3	155.1	84.5	42.9	0.0
-25°	495.8	356.7	241.4	149.7	82.2	42.2	0.0
-27.5°	474.1	341.6	231.7	143.9	79.7	41.5	0.0
-30°	451.6	325.6	221.2	137.7	77.0	40.7	0.0
-32.5°	430.1	308.6	210.2	131.1	74.1	39.8	0.0
-35°	406.7	290.7	198.6	124.2	71.0	38.9	0.0
-37.5°	383.2	273.5	187.1	117.6	68.1	37.9	0.0
-40°	360.7	258.0	176.9	112.3	66.1	36.6	0.0
-42.5°	336.7	241.8	166.2	106.8	63.9	35.2	0.0
-45°	311.3	224.8	155.0	101.0	61.7	33.8	0.0
-47.5°	284.3	207.1	143.3	95.0	59.3	32.3	0.0
-50°	261.6	188.6	131.4	88.8	56.8	30.7	0.0
-52.5°	238.8	173.6	119.3	82.4	54.2	29.1	0.0
-55°	215.2	158.3	110.1	75.8	51.5	27.4	0.0
-57.5°	190.8	142.4	101.5	69.0	48.7	25.7	0.0
-60°	171.0	126.1	92.5	64.5	45.9	23.9	0.0
-62.5°	150.6	112.0	83.3	60.1	42.9	22.0	0.0
-65°	129.5	99.9	73.9	55.7	39.9	20.2	0.0
-67.5°	111.3	87.5	66.0	51.2	36.5	18.3	0.0
-70°	95.7	74.7	59.9	46.6	32.6	16.3	0.0
-72.5°	79.9	64.0	53.6	42.0	28.7	14.4	0.0
-75°	65.3	55.3	47.1	37.1	24.7	12.4	0.0
-77.5°	54.8	46.5	40.6	31.0	20.6	10.3	0.0
-80°	44.3	37.5	33.0	24.9	16.6	8.3	0.0
-82.5°	33.6	28.2	24.8	18.7	12.4	6.2	0.0
-85°	22.4	18.8	16.6	12.5	8.3	4.2	0.0
-87.5°	11.2	9.4	8.3	6.2	4.2	2.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)