

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: P902078 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 11/13/2024

Test Information

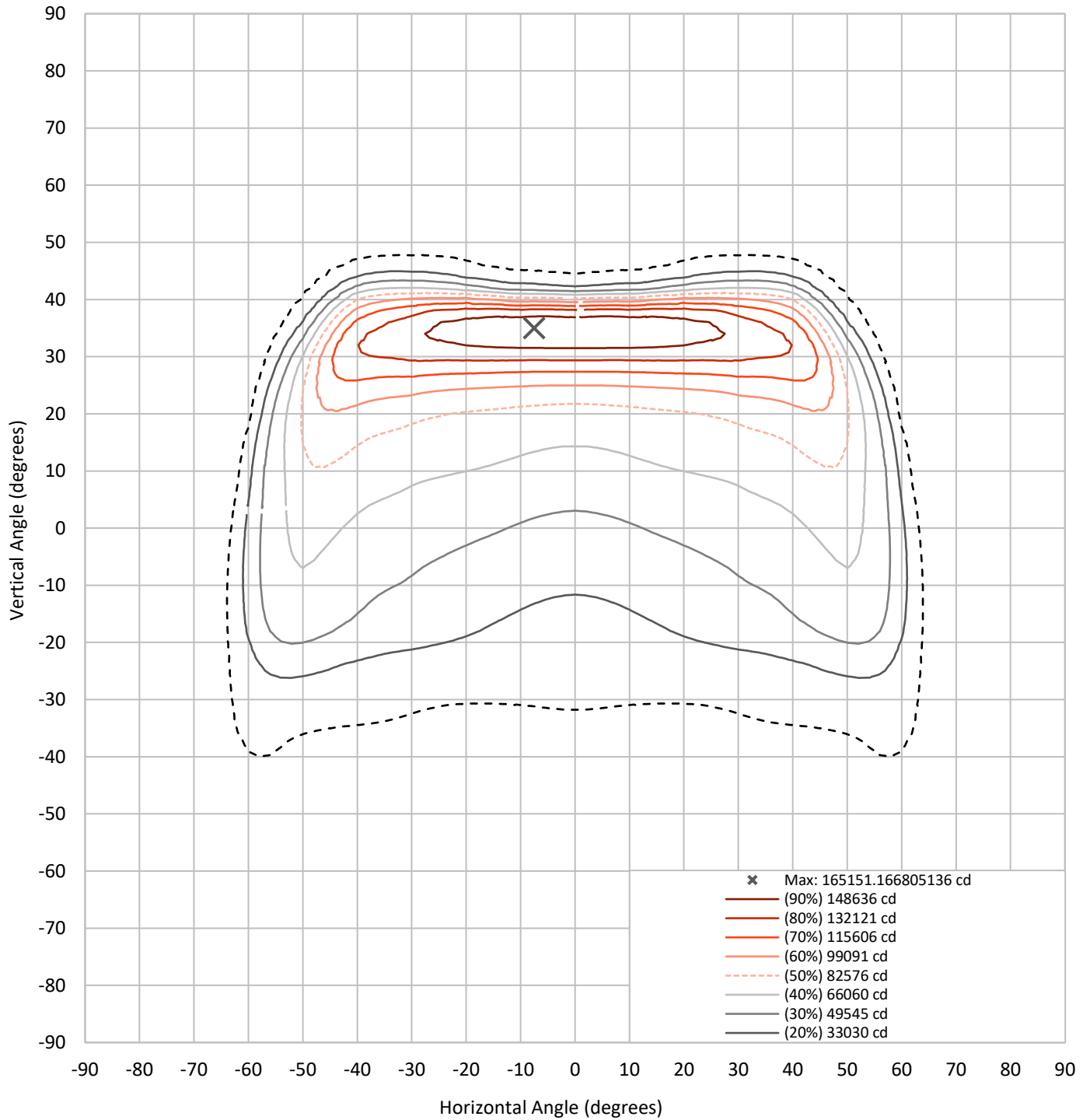
Test Method: LM-79-08
Report Number: P902078 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (LVM2048000)
Test Lab: INNOVATION CENTER
Issue Date: 11/13/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-AV-03-1360S-57-85-A35-WB
Description: ARENAVISION LUMINAIRE
5700K, 85 CRI LEDS AND A35-WB OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	164938.1 lumens	Max Intensity:	165151.2 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 35°V
Efficacy:	116.7 lumens/watt		
Luminous Opening:	Rectangular (W 2m x L: 2m x H: 0m)		
Beam Angle (50%):	91.4°H x 18.9°V	Field Angle (10%):	108°H x 75.9°V
Beam Lumens:	65746.4 lumens	Field Lumens:	151389.2 lumens
Beam Efficiency:	39.9%	Field Efficiency:	91.8%
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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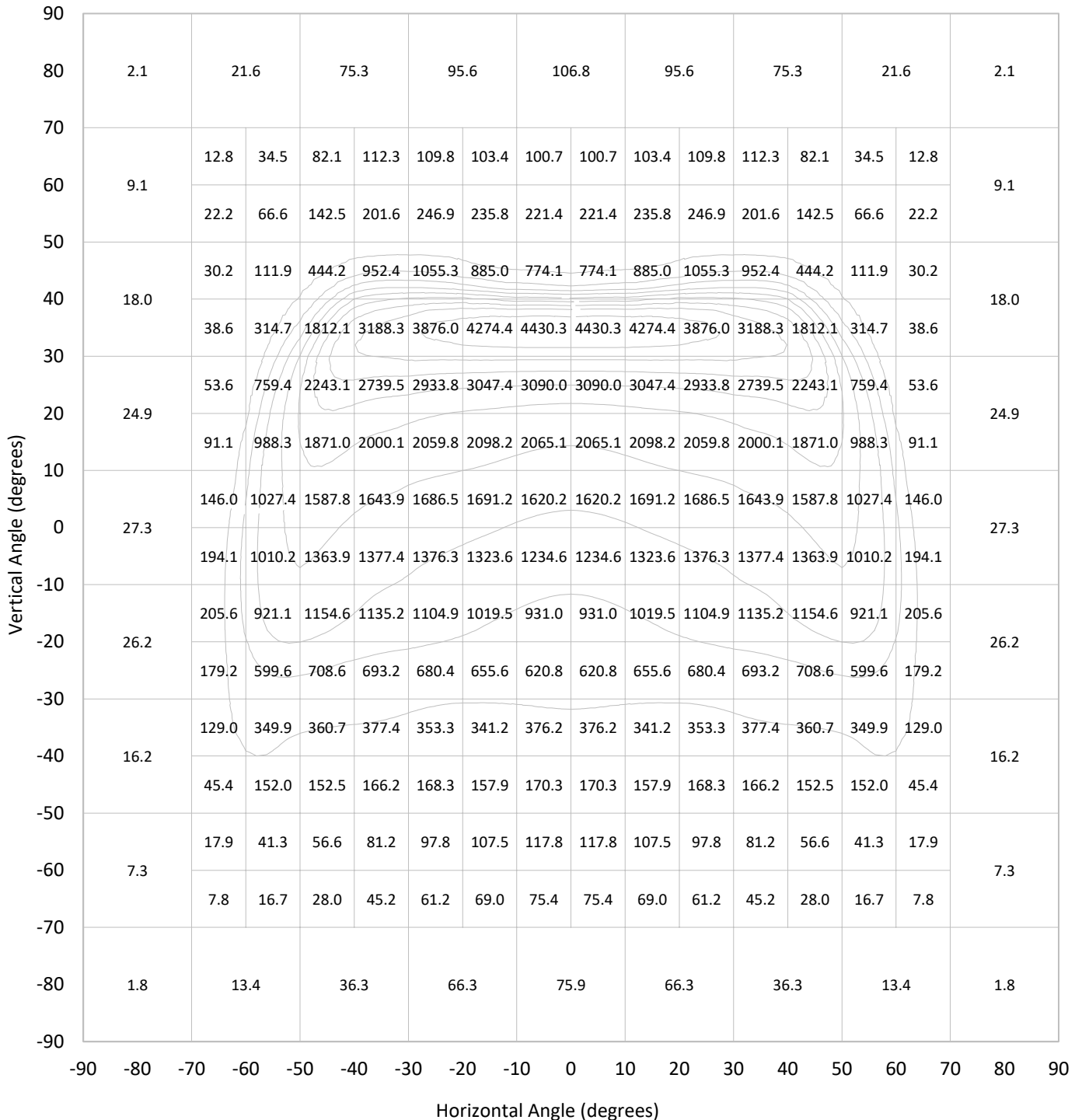
Iso-Candela Plot





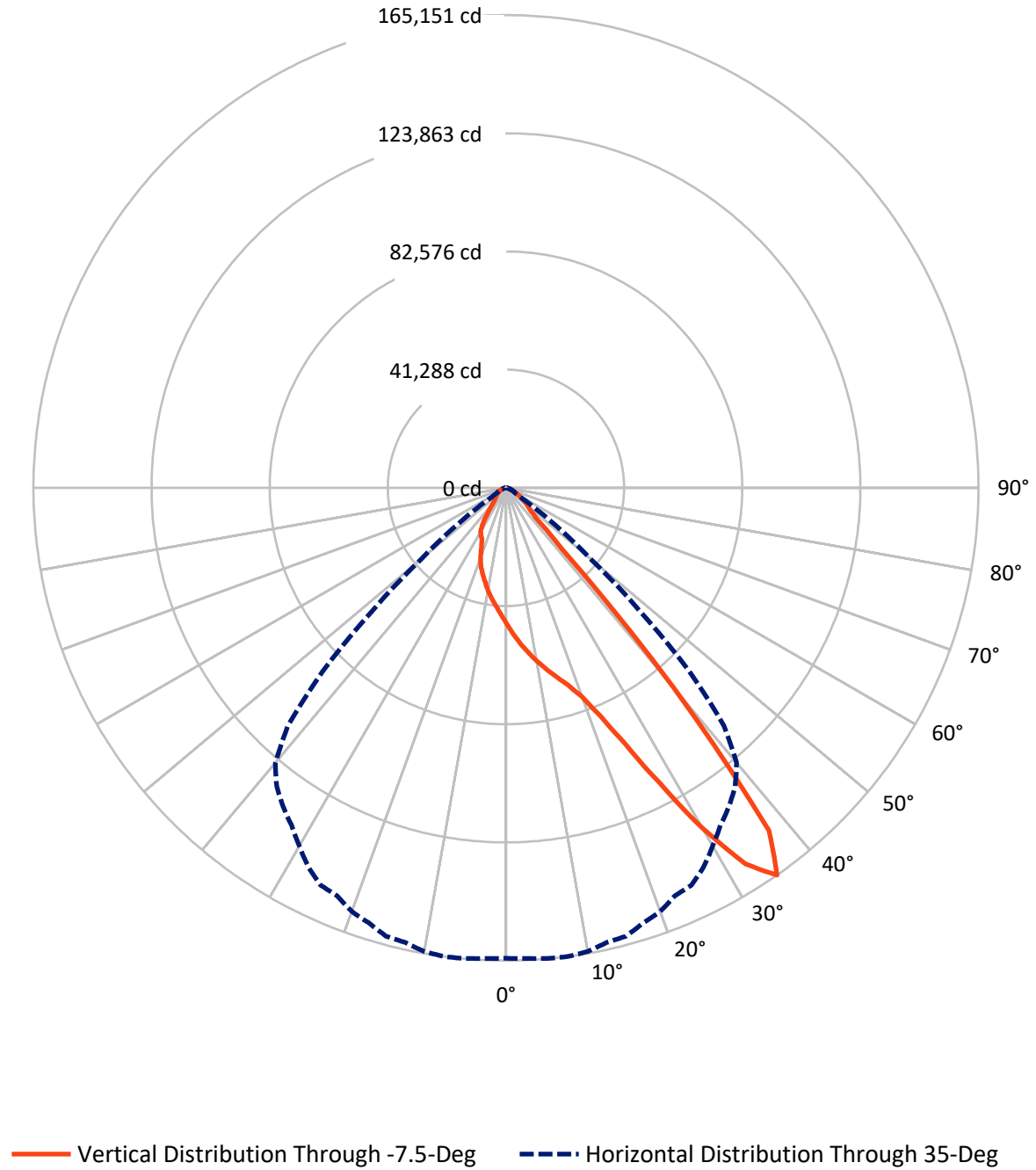
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Lumen Table



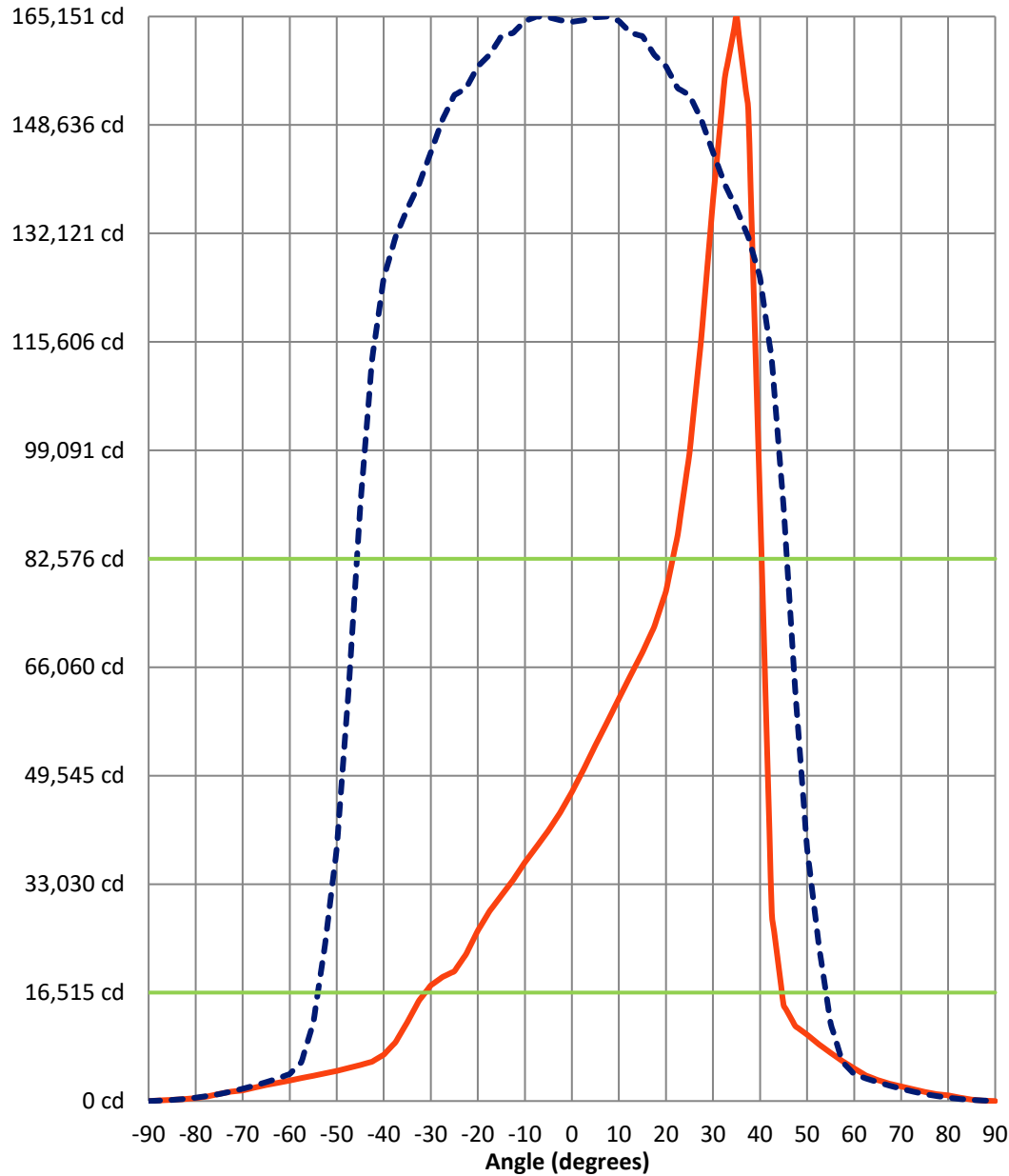
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CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-WB

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 91.4°
 V Angle: 18.9°
 Lumens: 65746.4
 Efficiency: 39.9%

Field:
 H Angle: 108°
 V Angle: 75.9°
 Lumens: 151389.2
 Efficiency: 91.8%

Spill:
 Lumens: 13548.9
 Efficiency: 8.2%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 35-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	4.1	8.1	12.0	16.0	19.5	20.4	22.5	24.9	27.9	31.8
85°	0.0	8.2	16.2	24.1	32.0	39.0	40.9	45.0	49.7	55.8	66.4
82.5°	0.0	12.2	24.3	36.0	47.9	58.5	61.5	74.8	90.7	107.8	125.3
80°	0.0	16.3	32.3	47.9	63.7	80.8	98.4	119.0	140.0	162.1	190.5
77.5°	0.0	20.3	40.2	59.8	81.2	110.0	136.7	162.9	196.3	239.3	281.2
75°	0.0	24.3	48.1	71.5	101.6	138.5	174.4	218.3	269.6	321.7	380.7
72.5°	0.0	28.2	55.9	85.8	121.7	166.2	220.9	279.5	341.6	422.3	503.9
70°	0.0	32.1	63.6	100.5	141.6	198.3	269.6	339.4	432.0	531.2	637.2
67.5°	0.0	35.9	71.2	114.9	161.1	235.2	317.0	411.3	522.2	650.2	793.1
65°	0.0	39.6	79.6	129.0	185.3	271.0	368.7	482.7	615.7	778.3	954.6
62.5°	0.0	43.3	88.5	142.7	213.5	305.6	425.1	551.0	714.7	908.0	1133.0
60°	0.0	46.9	97.1	156.0	240.9	344.2	479.8	629.6	808.2	1057.2	1308.1
57.5°	0.0	50.4	105.6	169.4	267.6	388.0	532.5	705.3	925.5	1199.2	1487.4
55°	0.0	53.8	113.7	188.1	293.5	430.7	595.0	779.0	1042.4	1339.3	1654.2
52.5°	0.0	57.1	121.6	206.0	320.3	472.2	656.4	870.4	1151.5	1472.2	1815.3
50°	0.0	60.3	129.3	223.1	353.1	513.5	716.7	958.1	1262.4	1600.6	1965.0
47.5°	0.0	63.3	136.6	239.4	384.1	562.8	777.0	1039.3	1368.5	1731.7	2117.3
45°	0.0	66.3	143.6	254.8	412.6	609.3	841.5	1121.3	1471.2	1857.1	2267.8
42.5°	0.0	69.1	150.2	269.4	439.5	652.9	900.2	1207.3	1578.3	1983.0	2416.7
40°	0.0	71.8	156.5	282.8	464.5	693.5	953.4	1288.7	1679.5	2107.4	2573.4
37.5°	0.0	74.4	162.5	295.2	487.7	731.0	1002.8	1365.1	1774.8	2227.7	2726.3
35°	0.0	77.1	169.7	309.7	513.2	767.9	1058.3	1442.9	1876.0	2349.0	2882.0
32.5°	0.0	79.8	177.0	324.2	538.5	803.3	1114.4	1518.8	1976.5	2470.3	3032.0
30°	0.0	82.3	183.7	337.3	561.8	835.9	1164.7	1587.3	2070.9	2586.3	3166.3
27.5°	0.0	84.6	190.1	348.8	582.3	865.7	1211.5	1649.0	2155.0	2689.7	3282.1
25°	0.0	86.8	195.9	358.9	600.9	892.5	1254.2	1703.9	2229.6	2781.3	3386.8
22.5°	0.0	88.7	201.2	367.6	617.7	916.5	1292.2	1758.7	2297.2	2863.2	3459.0
20°	0.0	90.4	205.9	374.8	632.6	937.6	1327.6	1810.8	2356.3	2941.3	3527.8
17.5°	0.0	92.0	210.1	382.3	645.5	955.7	1360.7	1854.7	2410.1	3013.9	3570.6
15°	0.0	93.3	213.7	389.0	656.4	972.8	1387.1	1890.6	2457.1	3075.0	3761.0
12.5°	0.0	94.5	216.6	394.5	665.3	988.7	1407.7	1919.2	2499.4	3123.6	4257.2
10°	0.0	95.4	219.1	398.8	671.8	1000.8	1422.4	1940.5	2536.1	3201.5	4813.1
7.5°	0.0	96.1	220.9	401.9	675.8	1009.3	1433.8	1954.8	2564.8	3299.6	5495.9
5°	0.0	96.6	222.2	403.8	677.3	1014.0	1440.4	1963.3	2586.6	3424.2	6179.4
2.5°	0.0	96.9	222.8	404.5	676.6	1014.8	1441.3	1964.1	2599.8	3572.3	6971.3
0°	0.0	97.1	223.0	404.0	673.5	1011.8	1436.7	1957.2	2603.0	3699.9	7673.1
-2.5°	0.0	96.9	222.6	403.0	671.8	1008.6	1434.0	1965.0	2650.3	3975.2	8568.4
-5°	0.0	96.6	221.8	400.8	667.8	1001.6	1425.7	1964.6	2684.8	4195.5	9257.0
-7.5°	0.0	96.1	220.3	397.6	661.7	990.8	1411.6	1955.3	2745.5	4574.3	10057.5
-10°	0.0	95.4	218.3	393.2	653.4	976.3	1391.2	1959.5	2904.4	5006.9	10657.5
-12.5°	0.0	94.5	215.7	387.7	642.9	957.1	1362.7	1953.2	3019.2	5379.0	11120.9
-15°	0.0	93.3	212.6	381.1	629.4	933.3	1326.7	1928.6	3177.7	6043.9	11417.8
-17.5°	0.0	92.0	208.9	373.4	611.7	908.4	1282.6	1900.4	3355.0	6551.3	11805.5
-20°	0.0	90.5	204.7	364.5	592.2	881.9	1231.2	1853.9	3390.6	6958.7	12083.0



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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	88.7	200.0	354.1	571.0	852.0	1185.3	1769.3	3287.0	7280.5	12285.6
-25°	0.0	86.8	194.8	342.9	548.2	820.1	1141.5	1684.0	2967.9	7467.7	12473.8
-27.5°	0.0	84.7	189.0	330.8	523.8	785.7	1094.4	1610.5	2793.9	6812.5	12606.0
-30°	0.0	82.4	182.8	318.0	498.1	748.6	1045.0	1523.0	2586.6	5873.7	11799.8
-32.5°	0.0	79.9	176.1	304.4	472.7	708.8	993.2	1421.3	2303.4	4815.8	10053.6
-35°	0.0	77.2	169.0	290.1	445.9	666.4	934.6	1304.1	2000.1	3586.2	7404.1
-37.5°	0.0	74.5	162.0	276.2	420.5	625.2	874.2	1198.7	1762.5	2857.2	5329.4
-40°	0.0	71.9	156.1	264.1	400.1	588.9	819.0	1117.0	1613.7	2489.5	4143.0
-42.5°	0.0	69.2	149.8	251.6	378.7	550.7	761.7	1027.0	1453.2	2119.6	3119.9
-45°	0.0	66.4	143.1	238.6	356.4	510.7	701.1	929.2	1281.6	1820.4	2628.0
-47.5°	0.0	63.4	136.2	225.1	333.1	469.0	637.5	842.7	1162.1	1604.0	2224.6
-50°	0.0	60.3	128.9	211.1	308.9	425.7	582.7	767.0	1028.2	1375.3	1846.8
-52.5°	0.0	57.1	121.4	196.5	283.9	394.4	529.3	686.8	888.3	1179.1	1551.5
-55°	0.0	53.8	113.6	181.4	262.7	361.7	475.5	605.0	788.5	1003.0	1229.9
-57.5°	0.0	50.4	105.6	165.8	242.0	328.2	421.0	541.3	685.6	833.4	1023.2
-60°	0.0	46.9	97.3	153.1	220.7	293.9	379.0	476.2	585.7	717.1	823.1
-62.5°	0.0	43.3	88.8	140.2	198.8	262.7	335.8	410.2	509.0	603.3	692.5
-65°	0.0	39.7	80.0	127.1	176.5	233.9	291.3	358.7	431.4	512.3	588.2
-67.5°	0.0	35.9	71.8	113.7	156.1	204.2	250.5	306.7	365.7	427.4	494.7
-70°	0.0	32.1	64.1	100.1	138.0	173.9	213.4	255.9	308.6	355.7	404.6
-72.5°	0.0	28.2	56.4	86.3	119.5	146.0	176.0	214.6	253.0	295.1	331.1
-75°	0.0	24.3	48.5	72.7	100.9	120.5	140.8	172.9	207.2	238.0	265.0
-77.5°	0.0	20.3	40.6	60.8	82.0	94.6	112.5	134.6	161.2	187.6	207.7
-80°	0.0	16.3	32.6	48.8	64.9	68.3	84.3	102.4	121.4	138.9	153.8
-82.5°	0.0	12.2	24.5	36.7	48.8	48.8	57.2	70.0	83.9	97.2	108.1
-85°	0.0	8.2	16.3	24.5	32.6	32.4	38.2	44.4	50.5	56.7	64.5
-87.5°	0.0	4.1	8.2	12.2	16.3	16.2	19.1	22.2	25.3	28.4	31.6
-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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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°	36.6	39.2	41.1	41.7	44.3	45.6	47.6	50.2	52.3	51.0	53.4
85°	80.7	92.7	102.2	108.3	119.2	133.4	141.8	135.4	136.7	135.8	136.5
82.5°	145.3	167.2	183.1	200.4	223.5	261.7	297.0	302.2	291.4	275.1	275.5
80°	227.4	267.8	300.5	328.0	357.0	428.4	514.5	562.0	534.1	489.3	483.8
77.5°	325.4	380.6	437.2	492.4	539.3	631.9	786.7	907.2	882.4	833.7	810.4
75°	451.7	522.9	591.5	687.1	784.1	909.2	1110.2	1363.5	1441.1	1407.8	1365.2
72.5°	585.7	691.9	794.4	915.2	1088.8	1328.7	1632.5	2004.9	2220.9	2192.6	2077.5
70°	766.3	887.0	998.8	1179.0	1442.8	1861.9	2410.8	2936.2	3080.6	3076.4	2996.8
67.5°	949.3	1098.4	1201.9	1457.0	1846.5	2426.9	3077.3	3641.8	3780.4	3891.4	4050.2
65°	1163.9	1330.4	1475.6	1752.2	2263.4	2917.5	3555.7	4021.0	4208.7	4387.8	4755.0
62.5°	1386.7	1617.1	1812.7	2178.0	2733.6	3406.3	3948.5	4306.2	4433.2	4678.6	5018.2
60°	1613.8	1911.3	2201.7	2641.3	3277.9	3988.5	4504.9	4853.9	5102.9	5204.5	5389.6
57.5°	1828.1	2210.0	2608.3	3124.3	3881.5	4670.6	5295.1	5746.1	6089.4	6113.6	6276.1
55°	2029.5	2495.4	2988.8	3632.3	4503.2	5380.4	6034.3	6632.4	7111.3	7318.3	7593.2
52.5°	2209.8	2734.2	3318.6	4108.8	5140.4	6117.7	6835.6	7493.2	8160.5	8634.0	9056.6
50°	2387.5	2925.7	3591.0	4536.5	5877.1	7007.4	7905.8	8750.6	9563.4	10526.6	11074.3
47.5°	2547.1	3086.0	3848.6	5057.4	6712.8	8214.5	9558.0	10989.3	12336.3	14342.4	15531.3
45°	2696.2	3274.7	4109.9	5499.9	7861.6	10088.1	12289.6	14700.0	19504.7	24270.1	26328.4
42.5°	2862.3	3460.0	4373.5	6302.5	9541.1	12724.2	16539.7	24921.8	36569.6	46779.3	54562.8
40°	3057.9	3623.4	4689.1	7109.3	11630.9	17490.9	27285.6	43374.5	63433.3	83132.3	92246.1
37.5°	3248.7	3825.5	5285.3	9352.6	16732.7	26555.7	42467.6	66943.2	93766.1	109867.8	118077.6
35°	3443.5	4120.9	5975.7	11855.3	23754.9	38520.2	62389.3	90526.2	112800.8	125376.8	131567.0
32.5°	3658.5	4675.6	8265.5	18889.0	34828.5	53599.5	79587.1	105947.9	123831.1	132184.1	136916.8
30°	3858.4	5252.2	10427.5	26382.9	46229.1	66562.0	93371.5	114452.2	125848.9	130354.8	132013.8
27.5°	4096.4	6492.9	15358.6	35235.0	55720.9	75802.2	98779.9	114501.4	121048.0	122436.0	121908.1
25°	4527.9	8364.4	21533.4	43904.2	61656.0	81708.2	100738.6	111008.3	113016.6	112007.5	109810.3
22.5°	5007.5	10177.8	27358.2	51726.5	65721.1	83797.4	98492.8	104515.9	104271.8	102195.4	99600.1
20°	5546.8	12293.4	33337.8	54994.4	68508.8	84320.9	95438.7	98574.1	96885.5	94122.7	91358.0
17.5°	6478.1	16770.9	38904.7	57275.4	69929.3	84263.6	92563.2	93194.7	90837.4	87905.0	85363.7
15°	8013.4	20832.3	43539.8	58620.5	70254.4	82710.0	88716.6	88536.5	86171.6	83282.8	80898.5
12.5°	9651.8	24374.3	47102.7	59002.2	70074.0	80754.4	85402.9	84680.3	82371.4	79574.1	77344.0
10°	11235.1	27498.0	49576.2	59021.7	69582.1	78930.4	82418.7	81182.0	78720.4	76043.1	73858.0
7.5°	13074.0	30274.7	50112.4	58983.9	69169.9	77117.5	79555.3	77805.2	75208.3	72522.2	70332.0
5°	14831.5	32724.2	50476.6	59301.2	68677.6	75315.6	76538.2	74545.7	71841.3	69106.4	67025.7
2.5°	16984.5	35070.6	50890.5	59593.2	68113.2	73536.8	73755.9	71474.4	68747.0	65994.6	64003.2
0°	18952.5	37052.1	51279.4	59855.9	67486.9	71667.3	71055.3	68513.7	65740.0	63109.7	61221.1
-2.5°	20822.8	38450.5	51532.9	59831.7	66456.8	69686.9	68661.7	65942.3	63312.7	60662.2	58740.5
-5°	22293.2	39307.8	51560.6	59579.0	65305.3	67670.3	66369.5	63557.7	60960.3	58391.2	56419.2
-7.5°	23160.3	39466.4	51379.8	59162.6	64065.4	65672.5	64203.6	61261.8	58723.1	56225.2	54205.9
-10°	23624.4	39171.1	50972.6	58586.0	62791.4	63688.0	61922.5	58918.9	56491.4	53998.4	52018.1
-12.5°	23540.3	38475.7	50129.0	57927.8	61446.7	61722.0	59770.7	56743.9	54176.8	51783.3	49736.6
-15°	23117.1	37206.5	48967.2	56584.0	59704.6	59690.6	57496.4	54642.0	51979.7	49729.5	47621.1
-17.5°	21881.3	35556.1	46207.9	53507.3	56343.7	55960.3	54214.0	51281.5	48759.7	46691.6	44609.2
-20°	20872.8	31980.3	42119.6	48249.6	50408.8	49687.1	47987.0	45304.7	43208.6	41306.9	39517.8



REPORT NUMBER: P902078 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-WB

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	19582.6	28526.5	36679.3	41772.4	42970.5	41931.5	40070.0	38078.3	35896.6	34368.3	33003.5
-25°	18601.7	25874.4	31823.7	35322.5	35861.4	34927.8	33674.9	31979.2	30179.8	28978.4	27773.2
-27.5°	18100.3	24012.6	28182.0	30083.6	30263.8	29667.9	28746.5	27579.9	26291.7	25155.8	24189.0
-30°	17961.6	22815.9	25598.7	26012.0	25763.5	25189.8	24584.2	23776.4	22811.0	21935.0	21176.9
-32.5°	17419.2	22073.8	23613.5	22926.6	21929.0	21280.5	20691.0	20068.0	19416.5	18954.8	18430.7
-35°	16429.4	20830.3	22265.9	20206.6	18721.3	17770.3	17042.2	16437.7	16091.8	15842.5	15615.7
-37.5°	13449.5	18594.5	19655.8	18089.9	16039.4	14749.4	13820.9	13126.4	12825.8	12697.1	12637.3
-40°	8844.1	15358.8	16786.9	15809.0	13697.8	12232.7	11165.9	10399.6	9937.8	9733.9	9779.7
-42.5°	4782.7	10770.3	12630.0	12442.6	11213.5	10179.3	9188.7	8457.7	8006.0	7770.3	7688.3
-45°	3871.2	6510.3	8187.7	9214.9	8563.0	7881.1	7440.6	6951.0	6498.4	6314.9	6257.0
-47.5°	3099.0	4012.9	5226.5	5797.1	5852.1	5702.4	5650.7	5434.5	5243.9	5194.2	5281.8
-50°	2576.7	3332.7	3865.9	3875.4	4103.1	4008.7	4081.3	4076.9	3985.9	4093.3	4270.0
-52.5°	2070.4	2712.1	3010.8	3131.5	3070.2	3064.3	3075.8	3098.6	3107.6	3225.9	3478.4
-55°	1609.9	2018.9	2113.7	2282.8	2212.9	2338.1	2397.1	2405.9	2511.3	2652.5	2918.5
-57.5°	1200.8	1438.0	1586.8	1583.9	1694.0	1816.2	1935.9	2036.4	2128.5	2271.5	2520.3
-60°	936.3	1074.4	1218.5	1326.5	1429.3	1551.6	1652.2	1759.4	1863.7	1996.7	2215.7
-62.5°	782.6	866.6	1000.4	1120.3	1222.2	1331.0	1421.3	1511.0	1606.2	1713.9	1925.4
-65°	667.5	742.2	838.8	943.1	1031.8	1125.9	1201.7	1279.5	1355.6	1432.8	1581.6
-67.5°	559.9	625.6	686.9	779.2	857.5	937.2	1002.6	1069.5	1134.4	1191.1	1288.6
-70°	462.4	512.0	565.6	633.6	698.0	767.9	825.4	880.8	935.2	982.3	1050.6
-72.5°	368.0	416.7	455.5	503.9	560.7	611.4	662.2	711.3	754.1	791.2	833.0
-75°	298.2	332.1	352.3	384.7	428.2	463.8	498.4	539.8	576.1	610.0	641.6
-77.5°	230.9	257.4	272.8	289.5	311.0	333.9	365.7	393.8	416.8	440.9	465.3
-80°	173.0	192.5	202.3	214.6	225.2	242.6	261.1	278.8	295.2	311.3	326.7
-82.5°	120.0	131.8	142.1	154.6	159.6	168.5	178.8	188.9	198.6	207.8	216.5
-85°	72.6	80.5	95.8	102.9	104.1	108.6	113.8	118.8	123.6	128.2	132.6
-87.5°	34.6	37.4	48.8	52.2	53.2	56.2	59.1	61.9	64.5	67.0	69.4
-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: P902078 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-WB

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°	54.4	45.2	44.1	46.4	48.6	50.3	52.4	55.6	57.2	57.3	57.3
85°	140.9	140.6	147.8	154.8	156.8	156.9	176.1	198.5	207.4	208.6	214.4
82.5°	290.0	313.4	336.4	351.3	345.6	338.8	376.6	403.4	427.8	454.9	492.8
80°	509.5	555.5	591.8	616.9	614.6	595.1	623.8	647.2	680.5	715.9	780.0
77.5°	822.5	862.9	912.0	950.5	956.2	935.3	937.0	954.3	966.0	978.2	998.0
75°	1309.8	1305.1	1365.9	1419.0	1424.1	1403.8	1402.0	1422.0	1410.3	1392.0	1393.6
72.5°	1957.9	1880.5	1897.4	1939.8	1932.2	1896.4	1884.0	1895.7	1885.1	1860.5	1843.4
70°	2808.0	2579.3	2454.6	2439.1	2408.5	2360.2	2333.4	2341.7	2340.4	2321.0	2289.9
67.5°	3882.8	3529.9	3184.8	2986.5	2904.8	2836.9	2798.5	2790.1	2788.3	2757.7	2702.9
65°	4926.2	4688.0	4301.7	3920.9	3670.4	3475.9	3358.9	3312.9	3295.9	3264.3	3219.8
62.5°	5366.9	5618.9	5632.9	5261.5	4859.2	4536.7	4298.3	4189.5	4178.5	4106.1	3975.3
60°	5684.4	6208.2	6654.9	6747.5	6420.5	6143.6	5796.4	5432.2	5383.9	5300.9	5079.9
57.5°	6434.9	6789.6	7217.7	7752.2	7739.8	7700.8	7457.7	6818.9	6514.2	6295.1	6157.6
55°	7852.3	8013.8	8270.8	8616.6	8844.8	8957.5	8951.9	8253.0	7698.1	7468.4	7387.7
52.5°	9395.1	9713.3	10001.8	10247.8	10323.2	10299.6	10277.5	10043.3	9439.2	8951.0	8769.3
50°	11334.1	11797.7	12022.8	12313.3	12111.2	11793.2	11349.8	11133.2	10957.4	10520.1	10260.4
47.5°	15969.6	16598.6	16213.7	16472.9	15596.2	15138.9	13891.8	12635.5	12125.3	11843.1	11632.2
45°	29055.0	29570.8	28465.8	28658.2	26394.8	25174.2	21757.8	19537.3	17351.3	15276.9	14630.5
42.5°	58029.4	58290.5	57514.6	57253.5	53330.8	51729.8	44640.7	41930.0	36179.5	30094.0	30314.6
40°	95958.2	99266.8	101999.9	103240.8	105007.0	103915.8	105570.0	99374.5	100457.4	92678.8	90372.3
37.5°	123155.7	128343.9	131986.0	137844.6	142693.7	143246.7	147235.5	147592.3	150986.4	149521.1	148858.4
35°	135862.4	139630.5	144466.8	149472.5	153170.0	154247.0	157552.8	159346.7	162152.1	162668.5	164460.0
32.5°	138944.3	141621.7	145051.9	148039.9	149231.6	149997.1	151714.1	152985.3	154222.1	154883.3	155677.4
30°	132593.6	134072.7	136178.2	137144.1	136417.2	136668.3	137052.6	137407.2	137518.7	137544.4	137436.8
27.5°	120852.0	121016.4	121514.9	120186.2	119087.3	118690.0	118295.1	117881.2	117577.0	116577.8	116508.0
25°	107824.2	107536.6	106719.7	104871.2	103495.4	102641.1	101876.3	101004.1	100614.3	99721.6	99436.4
22.5°	97716.7	96840.4	95447.0	93312.8	91944.3	90916.2	89806.1	88956.8	88336.7	87474.8	86870.4
20°	89634.1	88635.7	86923.2	84759.3	83602.2	82301.6	81489.5	80625.8	80028.7	79280.2	78344.1
17.5°	83817.6	82772.6	80897.3	78969.0	77921.7	76992.0	76198.9	75520.0	74720.7	73927.4	72951.8
15°	79454.6	78551.0	76708.7	74987.0	74071.2	73257.5	72549.0	71882.2	71072.9	70206.9	69194.3
12.5°	75991.3	74847.5	73057.5	71545.9	70818.4	70073.3	69380.9	68700.1	67877.2	66858.6	65863.2
10°	72502.7	71315.5	69574.4	68246.8	67534.3	66818.6	66119.1	65475.3	64538.8	63475.4	62300.6
7.5°	69036.8	67832.4	66133.9	64974.0	64186.5	63495.4	62781.7	61991.5	61054.4	59955.7	58796.2
5°	65713.2	64524.2	62813.9	61785.0	61055.8	60276.3	59471.1	58623.5	57629.4	56468.3	55278.8
2.5°	62772.9	61530.3	59844.2	58892.2	58072.6	57159.6	56239.7	55292.3	54346.5	53065.2	51725.4
0°	59942.4	58854.7	57120.9	55996.8	55145.9	54172.0	53134.4	52078.7	50924.3	49601.3	48241.3
-2.5°	57525.3	56469.6	54697.5	53426.0	52396.3	51253.0	50120.9	48926.4	47748.4	46429.0	45094.1
-5°	55112.6	54105.2	52448.4	50933.7	49788.9	48571.6	47336.6	46107.4	44857.3	43593.9	42326.6
-7.5°	52861.5	51791.1	50270.2	48680.8	47449.9	46147.2	44871.7	43591.8	42346.9	41082.7	39852.3
-10°	50491.8	49459.6	48093.6	46461.5	45177.5	43835.8	42466.8	41129.1	39876.9	38669.8	37436.4
-12.5°	48127.6	46978.1	45609.5	43879.2	42643.6	41326.0	39826.9	38420.5	37071.7	35865.2	34705.1
-15°	45946.8	44739.8	43410.8	41768.1	40480.8	39108.7	37651.5	36148.6	34742.8	33440.4	32344.4
-17.5°	43022.5	41837.8	40806.8	39166.9	37884.2	36529.1	35182.2	33704.7	32267.3	31093.0	30041.4
-20°	38020.0	36954.0	36021.8	34789.5	33569.4	32531.8	31417.9	30139.1	28849.1	27795.0	26798.7



REPORT NUMBER: P902078 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-WB

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	31709.1	30753.2	30022.4	29139.3	28147.8	27319.2	26563.7	25628.7	24846.9	23890.9	23148.1
-25°	26651.3	25788.9	25107.1	24535.7	23775.1	23281.1	22811.7	22234.2	21668.5	20989.4	20391.3
-27.5°	23247.5	22438.8	21752.7	21307.7	20721.8	20346.2	20134.8	19947.8	19619.8	19407.4	19113.7
-30°	20376.7	19643.5	18965.7	18423.7	17915.2	17533.0	17417.6	17400.4	17343.4	17451.0	17514.0
-32.5°	17814.1	17143.9	16429.9	15697.5	15047.4	14478.5	14259.4	14179.9	14283.0	14528.9	14948.4
-35°	15341.7	14861.6	14181.1	13336.7	12464.2	11732.3	11190.2	11042.3	11008.2	11328.4	11659.6
-37.5°	12601.1	12515.8	12024.7	11224.6	10292.1	9522.3	8904.9	8633.5	8509.7	8658.4	8808.1
-40°	9870.6	9941.2	9817.3	9269.7	8472.3	7687.7	7163.0	6963.8	6842.8	6891.8	6985.5
-42.5°	7791.6	7842.2	7811.7	7480.8	6911.6	6363.4	5976.3	5834.4	5816.7	5832.6	5928.7
-45°	6370.5	6447.2	6372.2	6226.9	5846.4	5505.3	5244.9	5203.3	5191.1	5238.7	5327.1
-47.5°	5368.9	5503.4	5569.3	5482.9	5210.1	4914.9	4749.3	4703.2	4732.7	4784.8	4915.5
-50°	4430.3	4694.5	4763.9	4724.6	4555.5	4348.7	4216.9	4213.0	4303.0	4418.5	4534.0
-52.5°	3712.8	3981.1	4061.6	4011.9	3867.1	3775.6	3735.6	3799.2	3935.8	4073.1	4173.5
-55°	3148.1	3348.3	3456.8	3513.1	3420.9	3371.9	3396.4	3479.9	3604.8	3729.8	3811.1
-57.5°	2766.5	2945.2	3089.0	3204.2	3151.3	3113.9	3192.5	3281.2	3392.8	3479.3	3494.5
-60°	2483.8	2695.6	2859.1	2927.3	2915.5	2890.7	2952.2	3035.6	3100.2	3127.7	3116.7
-62.5°	2175.5	2367.4	2519.2	2568.5	2615.9	2575.4	2617.3	2691.7	2723.3	2750.7	2755.8
-65°	1808.3	1990.7	2112.8	2177.2	2227.6	2237.9	2284.6	2330.7	2349.9	2384.7	2412.5
-67.5°	1476.0	1644.7	1762.1	1841.5	1874.0	1903.8	1936.0	1955.7	1977.1	2014.3	2026.1
-70°	1168.7	1301.9	1412.6	1494.4	1520.3	1544.9	1570.9	1577.7	1603.9	1639.9	1630.7
-72.5°	898.5	990.1	1088.6	1160.3	1191.8	1213.0	1236.4	1240.4	1273.4	1327.0	1364.7
-75°	672.0	726.2	798.6	851.2	881.6	901.7	929.3	945.1	998.4	1103.2	1160.2
-77.5°	485.4	508.5	544.6	569.2	591.8	610.0	639.7	667.7	749.2	905.7	851.2
-80°	342.4	355.7	369.5	375.1	384.6	394.4	403.2	433.7	502.7	568.7	487.0
-82.5°	226.6	241.0	251.1	258.6	265.8	272.5	278.4	298.3	352.3	375.8	319.3
-85°	137.7	149.1	156.1	160.6	164.6	168.3	171.6	183.2	189.0	193.8	184.5
-87.5°	71.5	74.9	78.5	80.4	82.0	83.6	85.0	91.2	90.7	98.5	102.8
-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: P902078 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-WB

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	57.7	58.3	58.6	54.5	58.6	58.3	57.7	57.3	57.3	57.2	55.6
85°	218.4	220.6	222.0	214.5	222.0	220.6	218.4	214.4	208.6	207.4	198.5
82.5°	516.5	523.1	524.9	522.5	524.9	523.1	516.5	492.8	454.9	427.8	403.4
80°	863.5	885.9	878.0	855.5	878.0	885.9	863.5	780.0	715.9	680.5	647.2
77.5°	1049.8	1065.4	1079.0	1091.3	1079.0	1065.4	1049.8	998.0	978.2	966.0	954.3
75°	1393.7	1394.8	1418.7	1435.5	1418.7	1394.8	1393.7	1393.6	1392.0	1410.3	1422.0
72.5°	1805.7	1787.5	1822.2	1851.8	1822.2	1787.5	1805.7	1843.4	1860.5	1885.1	1895.7
70°	2226.5	2186.7	2212.5	2257.2	2212.5	2186.7	2226.5	2289.9	2321.0	2340.4	2341.7
67.5°	2648.1	2612.0	2642.5	2656.1	2642.5	2612.0	2648.1	2702.9	2757.7	2788.3	2790.1
65°	3200.2	3131.0	3131.6	3155.2	3131.6	3131.0	3200.2	3219.8	3264.3	3295.9	3312.9
62.5°	3900.1	3853.7	3847.6	3859.8	3847.6	3853.7	3900.1	3975.3	4106.1	4178.5	4189.5
60°	4981.0	4952.3	4937.3	4942.1	4937.3	4952.3	4981.0	5079.9	5300.9	5383.9	5432.2
57.5°	6092.2	6017.8	5952.9	5921.6	5952.9	6017.8	6092.2	6157.6	6295.1	6514.2	6818.9
55°	7346.0	7223.0	7071.7	7004.7	7071.7	7223.0	7346.0	7387.7	7468.4	7698.1	8253.0
52.5°	8648.9	8529.2	8341.7	8159.5	8341.7	8529.2	8648.9	8769.3	8951.0	9439.2	10043.3
50°	10112.2	10056.6	9897.0	9709.0	9897.0	10056.6	10112.2	10260.4	10520.1	10957.4	11133.2
47.5°	11418.8	11452.3	11366.3	11276.8	11366.3	11452.3	11418.8	11632.2	11843.1	12125.3	12635.5
45°	14646.1	14621.9	14506.0	14383.8	14506.0	14621.9	14646.1	14630.5	15276.9	17351.3	19537.3
42.5°	28631.0	25790.8	23858.7	22985.8	23858.7	25790.8	28631.0	30314.6	30094.0	36179.5	41930.0
40°	91098.4	90602.3	89083.0	87155.8	89083.0	90602.3	91098.4	90372.3	92678.8	100457.4	99374.5
37.5°	150921.7	151392.0	150085.0	149091.3	150085.0	151392.0	150921.7	148858.4	149521.1	150986.4	147592.3
35°	165151.2	165045.1	164591.1	164354.5	164591.1	165045.1	165151.2	164460.0	162668.5	162152.1	159346.7
32.5°	155767.2	156110.4	155990.5	155931.1	155990.5	156110.4	155767.2	155677.4	154883.3	154222.1	152985.3
30°	137172.9	137465.7	137551.4	137523.4	137551.4	137465.7	137172.9	137436.8	137544.4	137518.7	137407.2
27.5°	116135.9	115854.3	116031.9	116066.6	116031.9	115854.3	116135.9	116508.0	116577.8	117577.0	117881.2
25°	98642.3	98384.7	98387.8	98496.2	98387.8	98384.7	98642.3	99436.4	99721.6	100614.3	101004.1
22.5°	86228.2	85761.8	85384.3	85280.9	85384.3	85761.8	86228.2	86870.4	87474.8	88336.7	88956.8
20°	77637.7	77054.9	76621.8	76343.2	76621.8	77054.9	77637.7	78344.1	79280.2	80028.7	80625.8
17.5°	72219.6	71448.0	71003.7	70991.6	71003.7	71448.0	72219.6	72951.8	73927.4	74720.7	75520.0
15°	68331.6	67587.2	67055.1	67079.4	67055.1	67587.2	68331.6	69194.3	70206.9	71072.9	71882.2
12.5°	64857.4	64023.1	63426.8	63398.9	63426.8	64023.1	64857.4	65863.2	66858.6	67877.2	68700.1
10°	61304.3	60399.2	59774.6	59659.1	59774.6	60399.2	61304.3	62300.6	63475.4	64538.8	65475.3
7.5°	57701.0	56850.6	56211.3	56021.6	56211.3	56850.6	57701.0	58796.2	59955.7	61054.4	61991.5
5°	54183.2	53286.2	52645.8	52402.4	52645.8	53286.2	54183.2	55278.8	56468.3	57629.4	58623.5
2.5°	50517.3	49595.8	48968.5	48715.7	48968.5	49595.8	50517.3	51725.4	53065.2	54346.5	55292.3
0°	47064.9	46129.7	45528.1	45325.4	45528.1	46129.7	47064.9	48241.3	49601.3	50924.3	52078.7
-2.5°	43923.3	43060.1	42522.5	42352.8	42522.5	43060.1	43923.3	45094.1	46429.0	47748.4	48926.4
-5°	41194.7	40311.4	39699.2	39559.6	39699.2	40311.4	41194.7	42326.6	43593.9	44857.3	46107.4
-7.5°	38746.3	37850.3	37295.7	37059.8	37295.7	37850.3	38746.3	39852.3	41082.7	42346.9	43591.8
-10°	36348.8	35439.7	34894.0	34660.7	34894.0	35439.7	36348.8	37436.4	38669.8	39876.9	41129.1
-12.5°	33659.2	32847.7	32330.6	32166.2	32330.6	32847.7	33659.2	34705.1	35865.2	37071.7	38420.5
-15°	31296.4	30504.0	30000.2	29860.4	30000.2	30504.0	31296.4	32344.4	33440.4	34742.8	36148.6
-17.5°	28917.6	28384.8	27875.9	27659.4	27875.9	28384.8	28917.6	30041.4	31093.0	32267.3	33704.7
-20°	25953.2	25238.1	24920.9	24828.8	24920.9	25238.1	25953.2	26798.7	27795.0	28849.1	30139.1



REPORT NUMBER: P902078 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-WB

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	22367.8	21919.6	21690.2	21538.7	21690.2	21919.6	22367.8	23148.1	23890.9	24846.9	25628.7
-25°	19759.4	19469.0	19227.9	19140.4	19227.9	19469.0	19759.4	20391.3	20989.4	21668.5	22234.2
-27.5°	18892.4	18651.0	18469.8	18394.1	18469.8	18651.0	18892.4	19113.7	19407.4	19619.8	19947.8
-30°	17611.2	17816.7	17803.2	17893.5	17803.2	17816.7	17611.2	17514.0	17451.0	17343.4	17400.4
-32.5°	15299.7	15700.0	15915.5	15968.6	15915.5	15700.0	15299.7	14948.4	14528.9	14283.0	14179.9
-35°	12004.5	12464.3	12800.6	12896.8	12800.6	12464.3	12004.5	11659.6	11328.4	11008.2	11042.3
-37.5°	8959.7	9238.2	9498.0	9593.0	9498.0	9238.2	8959.7	8808.1	8658.4	8509.7	8633.5
-40°	7060.3	7169.7	7266.9	7299.4	7266.9	7169.7	7060.3	6985.5	6891.8	6842.8	6963.8
-42.5°	5992.9	6077.0	6133.9	6148.0	6133.9	6077.0	5992.9	5928.7	5832.6	5816.7	5834.4
-45°	5484.4	5545.2	5564.6	5572.3	5564.6	5545.2	5484.4	5327.1	5238.7	5191.1	5203.3
-47.5°	5036.7	5059.3	5051.2	5071.8	5051.2	5059.3	5036.7	4915.5	4784.8	4732.7	4703.2
-50°	4587.1	4596.1	4578.9	4607.6	4578.9	4596.1	4587.1	4534.0	4418.5	4303.0	4213.0
-52.5°	4219.4	4248.5	4260.8	4276.6	4260.8	4248.5	4219.4	4173.5	4073.1	3935.8	3799.2
-55°	3846.0	3875.1	3893.1	3896.6	3893.1	3875.1	3846.0	3811.1	3729.8	3604.8	3479.9
-57.5°	3502.6	3557.7	3586.8	3516.6	3586.8	3557.7	3502.6	3494.5	3479.3	3392.8	3281.2
-60°	3122.2	3185.5	3286.0	3404.0	3286.0	3185.5	3122.2	3116.7	3127.7	3100.2	3035.6
-62.5°	2778.0	2857.6	2969.9	3181.6	2969.9	2857.6	2778.0	2755.8	2750.7	2723.3	2691.7
-65°	2445.6	2502.3	2556.0	2641.4	2556.0	2502.3	2445.6	2412.5	2384.7	2349.9	2330.7
-67.5°	2046.6	2090.9	2152.5	2204.0	2152.5	2090.9	2046.6	2026.1	2014.3	1977.1	1955.7
-70°	1622.8	1665.6	1729.0	1802.1	1729.0	1665.6	1622.8	1630.7	1639.9	1603.9	1577.7
-72.5°	1427.5	1473.6	1438.1	1423.7	1438.1	1473.6	1427.5	1364.7	1327.0	1273.4	1240.4
-75°	1086.6	997.5	970.6	976.8	970.6	997.5	1086.6	1160.2	1103.2	998.4	945.1
-77.5°	701.3	655.8	647.9	646.9	647.9	655.8	701.3	851.2	905.7	749.2	667.7
-80°	447.7	426.3	418.3	418.7	418.3	426.3	447.7	487.0	568.7	502.7	433.7
-82.5°	296.4	289.4	283.1	283.4	283.1	289.4	296.4	319.3	375.8	352.3	298.3
-85°	183.8	180.9	176.2	176.3	176.2	180.9	183.8	184.5	193.8	189.0	183.2
-87.5°	104.1	102.6	100.8	100.9	100.8	102.6	104.1	102.8	98.5	90.7	91.2
-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: P902078 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	52.4	50.3	48.6	46.4	44.1	45.2	54.4	53.4	51.0	52.3	50.2
85°	176.1	156.9	156.8	154.8	147.8	140.6	140.9	136.5	135.8	136.7	135.4
82.5°	376.6	338.8	345.6	351.3	336.4	313.4	290.0	275.5	275.1	291.4	302.2
80°	623.8	595.1	614.6	616.9	591.8	555.5	509.5	483.8	489.3	534.1	562.0
77.5°	937.0	935.3	956.2	950.5	912.0	862.9	822.5	810.4	833.7	882.4	907.2
75°	1402.0	1403.8	1424.1	1419.0	1365.9	1305.1	1309.8	1365.2	1407.8	1441.1	1363.5
72.5°	1884.0	1896.4	1932.2	1939.8	1897.4	1880.5	1957.9	2077.5	2192.6	2220.9	2004.9
70°	2333.4	2360.2	2408.5	2439.1	2454.6	2579.3	2808.0	2996.8	3076.4	3080.6	2936.2
67.5°	2798.5	2836.9	2904.8	2986.5	3184.8	3529.9	3882.8	4050.2	3891.4	3780.4	3641.8
65°	3358.9	3475.9	3670.4	3920.9	4301.7	4688.0	4926.2	4755.0	4387.8	4208.7	4021.0
62.5°	4298.3	4536.7	4859.2	5261.5	5632.9	5618.9	5366.9	5018.2	4678.6	4433.2	4306.2
60°	5796.4	6143.6	6420.5	6747.5	6654.9	6208.2	5684.4	5389.6	5204.5	5102.9	4853.9
57.5°	7457.7	7700.8	7739.8	7752.2	7217.7	6789.6	6434.9	6276.1	6113.6	6089.4	5746.1
55°	8951.9	8957.5	8844.8	8616.6	8270.8	8013.8	7852.3	7593.2	7318.3	7111.3	6632.4
52.5°	10277.5	10299.6	10323.2	10247.8	10001.8	9713.3	9395.1	9056.6	8634.0	8160.5	7493.2
50°	11349.8	11793.2	12111.2	12313.3	12022.8	11797.7	11334.1	11074.3	10526.6	9563.4	8750.6
47.5°	13891.8	15138.9	15596.2	16472.9	16213.7	16598.6	15969.6	15531.3	14342.4	12336.3	10989.3
45°	21757.8	25174.2	26394.8	28658.2	28465.8	29570.8	29055.0	26328.4	24270.1	19504.7	14700.0
42.5°	44640.7	51729.8	53330.8	57253.5	57514.6	58290.5	58029.4	54562.8	46779.3	36569.6	24921.8
40°	105570.0	103915.8	105007.0	103240.8	101999.9	99266.8	95958.2	92246.1	83132.3	63433.3	43374.5
37.5°	147235.5	143246.7	142693.7	137844.6	131986.0	128343.9	123155.7	118077.6	109867.8	93766.1	66943.2
35°	157552.8	154247.0	153170.0	149472.5	144466.8	139630.5	135862.4	131567.0	125376.8	112800.8	90526.2
32.5°	151714.1	149997.1	149231.6	148039.9	145051.9	141621.7	138944.3	136916.8	132184.1	123831.1	105947.9
30°	137052.6	136668.3	136417.2	137144.1	136178.2	134072.7	132593.6	132013.8	130354.8	125848.9	114452.2
27.5°	118295.1	118690.0	119087.3	120186.2	121514.9	121016.4	120852.0	121908.1	122436.0	121048.0	114501.4
25°	101876.3	102641.1	103495.4	104871.2	106719.7	107536.6	107824.2	109810.3	112007.5	113016.6	111008.3
22.5°	89806.1	90916.2	91944.3	93312.8	95447.0	96840.4	97716.7	99600.1	102195.4	104271.8	104515.9
20°	81489.5	82301.6	83602.2	84759.3	86923.2	88635.7	89634.1	91358.0	94122.7	96885.5	98574.1
17.5°	76198.9	76992.0	77921.7	78969.0	80897.3	82772.6	83817.6	85363.7	87905.0	90837.4	93194.7
15°	72549.0	73257.5	74071.2	74987.0	76708.7	78551.0	79454.6	80898.5	83282.8	86171.6	88536.5
12.5°	69380.9	70073.3	70818.4	71545.9	73057.5	74847.5	75991.3	77344.0	79574.1	82371.4	84680.3
10°	66119.1	66818.6	67534.3	68246.8	69574.4	71315.5	72502.7	73858.0	76043.1	78720.4	81182.0
7.5°	62781.7	63495.4	64186.5	64974.0	66133.9	67832.4	69036.8	70332.0	72522.2	75208.3	77805.2
5°	59471.1	60276.3	61055.8	61785.0	62813.9	64524.2	65713.2	67025.7	69106.4	71841.3	74545.7
2.5°	56239.7	57159.6	58072.6	58892.2	59844.2	61530.3	62772.9	64003.2	65994.6	68747.0	71474.4
0°	53134.4	54172.0	55145.9	55996.8	57120.9	58854.7	59942.4	61221.1	63109.7	65740.0	68513.7
-2.5°	50120.9	51253.0	52396.3	53426.0	54697.5	56469.6	57525.3	58740.5	60662.2	63312.7	65942.3
-5°	47336.6	48571.6	49788.9	50933.7	52448.4	54105.2	55112.6	56419.2	58391.2	60960.3	63557.7
-7.5°	44871.7	46147.2	47449.9	48680.8	50270.2	51791.1	52861.5	54205.9	56225.2	58723.1	61261.8
-10°	42466.8	43835.8	45177.5	46461.5	48093.6	49459.6	50491.8	52018.1	53998.4	56491.4	58918.9
-12.5°	39826.9	41326.0	42643.6	43879.2	45609.5	46978.1	48127.6	49736.6	51783.3	54176.8	56743.9
-15°	37651.5	39108.7	40480.8	41768.1	43410.8	44739.8	45946.8	47621.1	49729.5	51979.7	54642.0
-17.5°	35182.2	36529.1	37884.2	39166.9	40806.8	41837.8	43022.5	44609.2	46691.6	48759.7	51281.5
-20°	31417.9	32531.8	33569.4	34789.5	36021.8	36954.0	38020.0	39517.8	41306.9	43208.6	45304.7



REPORT NUMBER: P902078 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-WB

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	26563.7	27319.2	28147.8	29139.3	30022.4	30753.2	31709.1	33003.5	34368.3	35896.6	38078.3
-25°	22811.7	23281.1	23775.1	24535.7	25107.1	25788.9	26651.3	27773.2	28978.4	30179.8	31979.2
-27.5°	20134.8	20346.2	20721.8	21307.7	21752.7	22438.8	23247.5	24189.0	25155.8	26291.7	27579.9
-30°	17417.6	17533.0	17915.2	18423.7	18965.7	19643.5	20376.7	21176.9	21935.0	22811.0	23776.4
-32.5°	14259.4	14478.5	15047.4	15697.5	16429.9	17143.9	17814.1	18430.7	18954.8	19416.5	20068.0
-35°	11190.2	11732.3	12464.2	13336.7	14181.1	14861.6	15341.7	15615.7	15842.5	16091.8	16437.7
-37.5°	8904.9	9522.3	10292.1	11224.6	12024.7	12515.8	12601.1	12637.3	12697.1	12825.8	13126.4
-40°	7163.0	7687.7	8472.3	9269.7	9817.3	9941.2	9870.6	9779.7	9733.9	9937.8	10399.6
-42.5°	5976.3	6363.4	6911.6	7480.8	7811.7	7842.2	7791.6	7688.3	7770.3	8006.0	8457.7
-45°	5244.9	5505.3	5846.4	6226.9	6372.2	6447.2	6370.5	6257.0	6314.9	6498.4	6951.0
-47.5°	4749.3	4914.9	5210.1	5482.9	5569.3	5503.4	5368.9	5281.8	5194.2	5243.9	5434.5
-50°	4216.9	4348.7	4555.5	4724.6	4763.9	4694.5	4430.3	4270.0	4093.3	3985.9	4076.9
-52.5°	3735.6	3775.6	3867.1	4011.9	4061.6	3981.1	3712.8	3478.4	3225.9	3107.6	3098.6
-55°	3396.4	3371.9	3420.9	3513.1	3456.8	3348.3	3148.1	2918.5	2652.5	2511.3	2405.9
-57.5°	3192.5	3113.9	3151.3	3204.2	3089.0	2945.2	2766.5	2520.3	2271.5	2128.5	2036.4
-60°	2952.2	2890.7	2915.5	2927.3	2859.1	2695.6	2483.8	2215.7	1996.7	1863.7	1759.4
-62.5°	2617.3	2575.4	2615.9	2568.5	2519.2	2367.4	2175.5	1925.4	1713.9	1606.2	1511.0
-65°	2284.6	2237.9	2227.6	2177.2	2112.8	1990.7	1808.3	1581.6	1432.8	1355.6	1279.5
-67.5°	1936.0	1903.8	1874.0	1841.5	1762.1	1644.7	1476.0	1288.6	1191.1	1134.4	1069.5
-70°	1570.9	1544.9	1520.3	1494.4	1412.6	1301.9	1168.7	1050.6	982.3	935.2	880.8
-72.5°	1236.4	1213.0	1191.8	1160.3	1088.6	990.1	898.5	833.0	791.2	754.1	711.3
-75°	929.3	901.7	881.6	851.2	798.6	726.2	672.0	641.6	610.0	576.1	539.8
-77.5°	639.7	610.0	591.8	569.2	544.6	508.5	485.4	465.3	440.9	416.8	393.8
-80°	403.2	394.4	384.6	375.1	369.5	355.7	342.4	326.7	311.3	295.2	278.8
-82.5°	278.4	272.5	265.8	258.6	251.1	241.0	226.6	216.5	207.8	198.6	188.9
-85°	171.6	168.3	164.6	160.6	156.1	149.1	137.7	132.6	128.2	123.6	118.8
-87.5°	85.0	83.6	82.0	80.4	78.5	74.9	71.5	69.4	67.0	64.5	61.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P902078 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	47.6	45.6	44.3	41.7	41.1	39.2	36.6	31.8	27.9	24.9	22.5
85°	141.8	133.4	119.2	108.3	102.2	92.7	80.7	66.4	55.8	49.7	45.0
82.5°	297.0	261.7	223.5	200.4	183.1	167.2	145.3	125.3	107.8	90.7	74.8
80°	514.5	428.4	357.0	328.0	300.5	267.8	227.4	190.5	162.1	140.0	119.0
77.5°	786.7	631.9	539.3	492.4	437.2	380.6	325.4	281.2	239.3	196.3	162.9
75°	1110.2	909.2	784.1	687.1	591.5	522.9	451.7	380.7	321.7	269.6	218.3
72.5°	1632.5	1328.7	1088.8	915.2	794.4	691.9	585.7	503.9	422.3	341.6	279.5
70°	2410.8	1861.9	1442.8	1179.0	998.8	887.0	766.3	637.2	531.2	432.0	339.4
67.5°	3077.3	2426.9	1846.5	1457.0	1201.9	1098.4	949.3	793.1	650.2	522.2	411.3
65°	3555.7	2917.5	2263.4	1752.2	1475.6	1330.4	1163.9	954.6	778.3	615.7	482.7
62.5°	3948.5	3406.3	2733.6	2178.0	1812.7	1617.1	1386.7	1133.0	908.0	714.7	551.0
60°	4504.9	3988.5	3277.9	2641.3	2201.7	1911.3	1613.8	1308.1	1057.2	808.2	629.6
57.5°	5295.1	4670.6	3881.5	3124.3	2608.3	2210.0	1828.1	1487.4	1199.2	925.5	705.3
55°	6034.3	5380.4	4503.2	3632.3	2988.8	2495.4	2029.5	1654.2	1339.3	1042.4	779.0
52.5°	6835.6	6117.7	5140.4	4108.8	3318.6	2734.2	2209.8	1815.3	1472.2	1151.5	870.4
50°	7905.8	7007.4	5877.1	4536.5	3591.0	2925.7	2387.5	1965.0	1600.6	1262.4	958.1
47.5°	9558.0	8214.5	6712.8	5057.4	3848.6	3086.0	2547.1	2117.3	1731.7	1368.5	1039.3
45°	12289.6	10088.1	7861.6	5499.9	4109.9	3274.7	2696.2	2267.8	1857.1	1471.2	1121.3
42.5°	16539.7	12724.2	9541.1	6302.5	4373.5	3460.0	2862.3	2416.7	1983.0	1578.3	1207.3
40°	27285.6	17490.9	11630.9	7109.3	4689.1	3623.4	3057.9	2573.4	2107.4	1679.5	1288.7
37.5°	42467.6	26555.7	16732.7	9352.6	5285.3	3825.5	3248.7	2726.3	2227.7	1774.8	1365.1
35°	62389.3	38520.2	23754.9	11855.3	5975.7	4120.9	3443.5	2882.0	2349.0	1876.0	1442.9
32.5°	79587.1	53599.5	34828.5	18889.0	8265.5	4675.6	3658.5	3032.0	2470.3	1976.5	1518.8
30°	93371.5	66562.0	46229.1	26382.9	10427.5	5252.2	3858.4	3166.3	2586.3	2070.9	1587.3
27.5°	98779.9	75802.2	55720.9	35235.0	15358.6	6492.9	4096.4	3282.1	2689.7	2155.0	1649.0
25°	100738.6	81708.2	61656.0	43904.2	21533.4	8364.4	4527.9	3386.8	2781.3	2229.6	1703.9
22.5°	98492.8	83797.4	65721.1	51726.5	27358.2	10177.8	5007.5	3459.0	2863.2	2297.2	1758.7
20°	95438.7	84320.9	68508.8	54994.4	33337.8	12293.4	5546.8	3527.8	2941.3	2356.3	1810.8
17.5°	92563.2	84263.6	69929.3	57275.4	38904.7	16770.9	6478.1	3570.6	3013.9	2410.1	1854.7
15°	88716.6	82710.0	70254.4	58620.5	43539.8	20832.3	8013.4	3761.0	3075.0	2457.1	1890.6
12.5°	85402.9	80754.4	70074.0	59002.2	47102.7	24374.3	9651.8	4257.2	3123.6	2499.4	1919.2
10°	82418.7	78930.4	69582.1	59021.7	49576.2	27498.0	11235.1	4813.1	3201.5	2536.1	1940.5
7.5°	79555.3	77117.5	69169.9	58983.9	50112.4	30274.7	13074.0	5495.9	3299.6	2564.8	1954.8
5°	76538.2	75315.6	68677.6	59301.2	50476.6	32724.2	14831.5	6179.4	3424.2	2586.6	1963.3
2.5°	73755.9	73536.8	68113.2	59593.2	50890.5	35070.6	16984.5	6971.3	3572.3	2599.8	1964.1
0°	71055.3	71667.3	67486.9	59855.9	51279.4	37052.1	18952.5	7673.1	3699.9	2603.0	1957.2
-2.5°	68661.7	69686.9	66456.8	59831.7	51532.9	38450.5	20822.8	8568.4	3975.2	2650.3	1965.0
-5°	66369.5	67670.3	65305.3	59579.0	51560.6	39307.8	22293.2	9257.0	4195.5	2684.8	1964.6
-7.5°	64203.6	65672.5	64065.4	59162.6	51379.8	39466.4	23160.3	10057.5	4574.3	2745.5	1955.3
-10°	61922.5	63688.0	62791.4	58586.0	50972.6	39171.1	23624.4	10657.5	5006.9	2904.4	1959.5
-12.5°	59770.7	61722.0	61446.7	57927.8	50129.0	38475.7	23540.3	11120.9	5379.0	3019.2	1953.2
-15°	57496.4	59690.6	59704.6	56584.0	48967.2	37206.5	23117.1	11417.8	6043.9	3177.7	1928.6
-17.5°	54214.0	55960.3	56343.7	53507.3	46207.9	35556.1	21881.3	11805.5	6551.3	3355.0	1900.4
-20°	47987.0	49687.1	50408.8	48249.6	42119.6	31980.3	20872.8	12083.0	6958.7	3390.6	1853.9



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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°	40070.0	41931.5	42970.5	41772.4	36679.3	28526.5	19582.6	12285.6	7280.5	3287.0	1769.3
-25°	33674.9	34927.8	35861.4	35322.5	31823.7	25874.4	18601.7	12473.8	7467.7	2967.9	1684.0
-27.5°	28746.5	29667.9	30263.8	30083.6	28182.0	24012.6	18100.3	12606.0	6812.5	2793.9	1610.5
-30°	24584.2	25189.8	25763.5	26012.0	25598.7	22815.9	17961.6	11799.8	5873.7	2586.6	1523.0
-32.5°	20691.0	21280.5	21929.0	22926.6	23613.5	22073.8	17419.2	10053.6	4815.8	2303.4	1421.3
-35°	17042.2	17770.3	18721.3	20206.6	22265.9	20830.3	16429.4	7404.1	3586.2	2000.1	1304.1
-37.5°	13820.9	14749.4	16039.4	18089.9	19655.8	18594.5	13449.5	5329.4	2857.2	1762.5	1198.7
-40°	11165.9	12232.7	13697.8	15809.0	16786.9	15358.8	8844.1	4143.0	2489.5	1613.7	1117.0
-42.5°	9188.7	10179.3	11213.5	12442.6	12630.0	10770.3	4782.7	3119.9	2119.6	1453.2	1027.0
-45°	7440.6	7881.1	8563.0	9214.9	8187.7	6510.3	3871.2	2628.0	1820.4	1281.6	929.2
-47.5°	5650.7	5702.4	5852.1	5797.1	5226.5	4012.9	3099.0	2224.6	1604.0	1162.1	842.7
-50°	4081.3	4008.7	4103.1	3875.4	3865.9	3332.7	2576.7	1846.8	1375.3	1028.2	767.0
-52.5°	3075.8	3064.3	3070.2	3131.5	3010.8	2712.1	2070.4	1551.5	1179.1	888.3	686.8
-55°	2397.1	2338.1	2212.9	2282.8	2113.7	2018.9	1609.9	1229.9	1003.0	788.5	605.0
-57.5°	1935.9	1816.2	1694.0	1583.9	1586.8	1438.0	1200.8	1023.2	833.4	685.6	541.3
-60°	1652.2	1551.6	1429.3	1326.5	1218.5	1074.4	936.3	823.1	717.1	585.7	476.2
-62.5°	1421.3	1331.0	1222.2	1120.3	1000.4	866.6	782.6	692.5	603.3	509.0	410.2
-65°	1201.7	1125.9	1031.8	943.1	838.8	742.2	667.5	588.2	512.3	431.4	358.7
-67.5°	1002.6	937.2	857.5	779.2	686.9	625.6	559.9	494.7	427.4	365.7	306.7
-70°	825.4	767.9	698.0	633.6	565.6	512.0	462.4	404.6	355.7	308.6	255.9
-72.5°	662.2	611.4	560.7	503.9	455.5	416.7	368.0	331.1	295.1	253.0	214.6
-75°	498.4	463.8	428.2	384.7	352.3	332.1	298.2	265.0	238.0	207.2	172.9
-77.5°	365.7	333.9	311.0	289.5	272.8	257.4	230.9	207.7	187.6	161.2	134.6
-80°	261.1	242.6	225.2	214.6	202.3	192.5	173.0	153.8	138.9	121.4	102.4
-82.5°	178.8	168.5	159.6	154.6	142.1	131.8	120.0	108.1	97.2	83.9	70.0
-85°	113.8	108.6	104.1	102.9	95.8	80.5	72.6	64.5	56.7	50.5	44.4
-87.5°	59.1	56.2	53.2	52.2	48.8	37.4	34.6	31.6	28.4	25.3	22.2
-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°	20.4	19.5	16.0	12.0	8.1	4.1	0.0
85°	40.9	39.0	32.0	24.1	16.2	8.2	0.0
82.5°	61.5	58.5	47.9	36.0	24.3	12.2	0.0
80°	98.4	80.8	63.7	47.9	32.3	16.3	0.0
77.5°	136.7	110.0	81.2	59.8	40.2	20.3	0.0
75°	174.4	138.5	101.6	71.5	48.1	24.3	0.0
72.5°	220.9	166.2	121.7	85.8	55.9	28.2	0.0
70°	269.6	198.3	141.6	100.5	63.6	32.1	0.0
67.5°	317.0	235.2	161.1	114.9	71.2	35.9	0.0
65°	368.7	271.0	185.3	129.0	79.6	39.6	0.0
62.5°	425.1	305.6	213.5	142.7	88.5	43.3	0.0
60°	479.8	344.2	240.9	156.0	97.1	46.9	0.0
57.5°	532.5	388.0	267.6	169.4	105.6	50.4	0.0
55°	595.0	430.7	293.5	188.1	113.7	53.8	0.0
52.5°	656.4	472.2	320.3	206.0	121.6	57.1	0.0
50°	716.7	513.5	353.1	223.1	129.3	60.3	0.0
47.5°	777.0	562.8	384.1	239.4	136.6	63.3	0.0
45°	841.5	609.3	412.6	254.8	143.6	66.3	0.0
42.5°	900.2	652.9	439.5	269.4	150.2	69.1	0.0
40°	953.4	693.5	464.5	282.8	156.5	71.8	0.0
37.5°	1002.8	731.0	487.7	295.2	162.5	74.4	0.0
35°	1058.3	767.9	513.2	309.7	169.7	77.1	0.0
32.5°	1114.4	803.3	538.5	324.2	177.0	79.8	0.0
30°	1164.7	835.9	561.8	337.3	183.7	82.3	0.0
27.5°	1211.5	865.7	582.3	348.8	190.1	84.6	0.0
25°	1254.2	892.5	600.9	358.9	195.9	86.8	0.0
22.5°	1292.2	916.5	617.7	367.6	201.2	88.7	0.0
20°	1327.6	937.6	632.6	374.8	205.9	90.4	0.0
17.5°	1360.7	955.7	645.5	382.3	210.1	92.0	0.0
15°	1387.1	972.8	656.4	389.0	213.7	93.3	0.0
12.5°	1407.7	988.7	665.3	394.5	216.6	94.5	0.0
10°	1422.4	1000.8	671.8	398.8	219.1	95.4	0.0
7.5°	1433.8	1009.3	675.8	401.9	220.9	96.1	0.0
5°	1440.4	1014.0	677.3	403.8	222.2	96.6	0.0
2.5°	1441.3	1014.8	676.6	404.5	222.8	96.9	0.0
0°	1436.7	1011.8	673.5	404.0	223.0	97.1	0.0
-2.5°	1434.0	1008.6	671.8	403.0	222.6	96.9	0.0
-5°	1425.7	1001.6	667.8	400.8	221.8	96.6	0.0
-7.5°	1411.6	990.8	661.7	397.6	220.3	96.1	0.0
-10°	1391.2	976.3	653.4	393.2	218.3	95.4	0.0
-12.5°	1362.7	957.1	642.9	387.7	215.7	94.5	0.0
-15°	1326.7	933.3	629.4	381.1	212.6	93.3	0.0
-17.5°	1282.6	908.4	611.7	373.4	208.9	92.0	0.0
-20°	1231.2	881.9	592.2	364.5	204.7	90.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1185.3	852.0	571.0	354.1	200.0	88.7	0.0
-25°	1141.5	820.1	548.2	342.9	194.8	86.8	0.0
-27.5°	1094.4	785.7	523.8	330.8	189.0	84.7	0.0
-30°	1045.0	748.6	498.1	318.0	182.8	82.4	0.0
-32.5°	993.2	708.8	472.7	304.4	176.1	79.9	0.0
-35°	934.6	666.4	445.9	290.1	169.0	77.2	0.0
-37.5°	874.2	625.2	420.5	276.2	162.0	74.5	0.0
-40°	819.0	588.9	400.1	264.1	156.1	71.9	0.0
-42.5°	761.7	550.7	378.7	251.6	149.8	69.2	0.0
-45°	701.1	510.7	356.4	238.6	143.1	66.4	0.0
-47.5°	637.5	469.0	333.1	225.1	136.2	63.4	0.0
-50°	582.7	425.7	308.9	211.1	128.9	60.3	0.0
-52.5°	529.3	394.4	283.9	196.5	121.4	57.1	0.0
-55°	475.5	361.7	262.7	181.4	113.6	53.8	0.0
-57.5°	421.0	328.2	242.0	165.8	105.6	50.4	0.0
-60°	379.0	293.9	220.7	153.1	97.3	46.9	0.0
-62.5°	335.8	262.7	198.8	140.2	88.8	43.3	0.0
-65°	291.3	233.9	176.5	127.1	80.0	39.7	0.0
-67.5°	250.5	204.2	156.1	113.7	71.8	35.9	0.0
-70°	213.4	173.9	138.0	100.1	64.1	32.1	0.0
-72.5°	176.0	146.0	119.5	86.3	56.4	28.2	0.0
-75°	140.8	120.5	100.9	72.7	48.5	24.3	0.0
-77.5°	112.5	94.6	82.0	60.8	40.6	20.3	0.0
-80°	84.3	68.3	64.9	48.8	32.6	16.3	0.0
-82.5°	57.2	48.8	48.8	36.7	24.5	12.2	0.0
-85°	38.2	32.4	32.6	24.5	16.3	8.2	0.0
-87.5°	19.1	16.2	16.3	12.2	8.2	4.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)