

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: P902076 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 11/13/2024

Test Information

Test Method: LM-79-08
Report Number: P902076 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (LVM2048700)
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-LT
Description: ARENAVISION LUMINAIRE
5700K, 85 CRI LEDS AND A35-WB-LT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

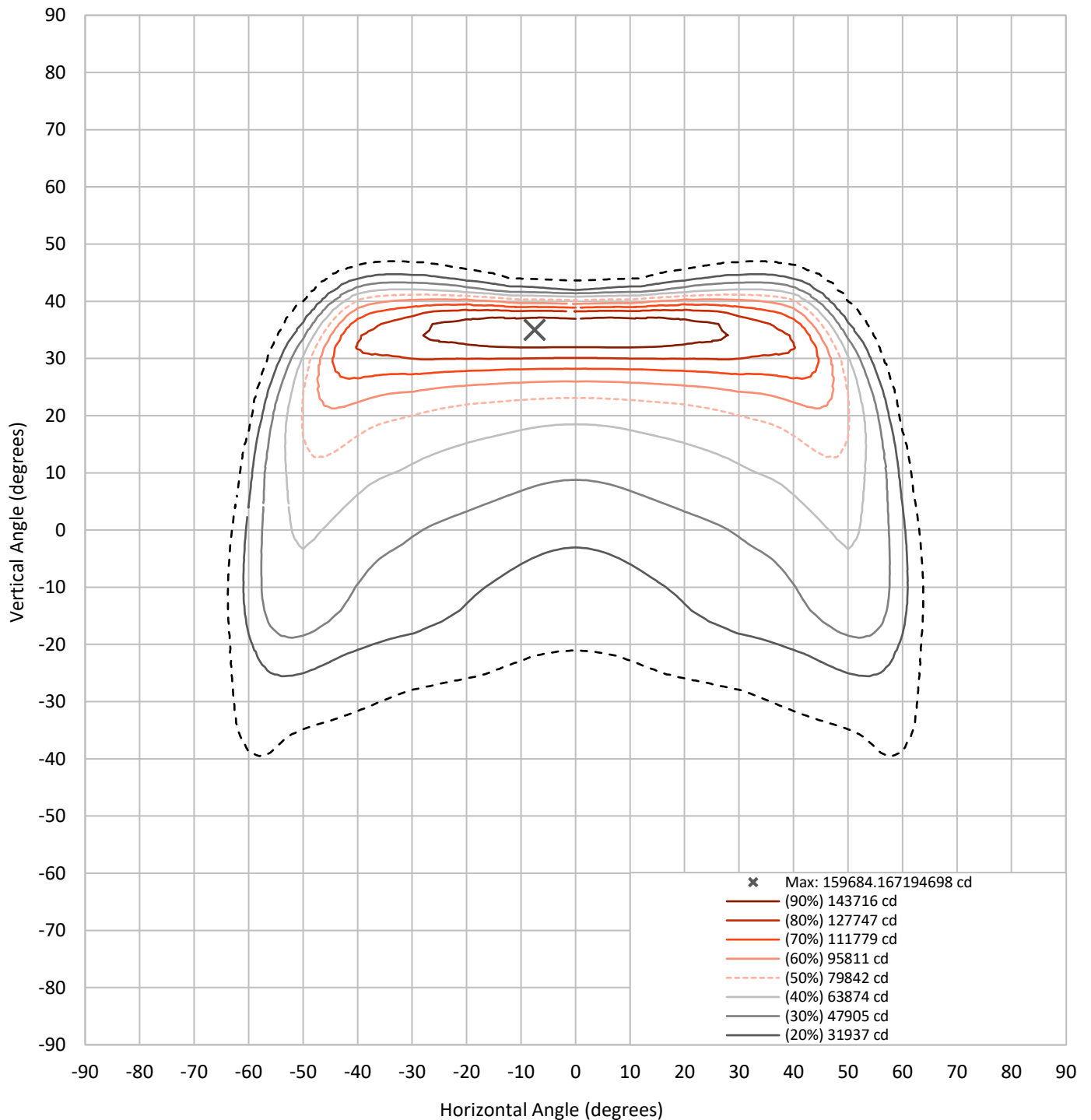
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	145836.5 lumens	Max Intensity:	159684.2 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 35°V
Efficacy:	103.2 lumens/watt		
Luminous Opening:	Rectangular (W 2m x L: 2m x H: 0m)		

Beam Angle (50%):	92°H x 17.3°V	Field Angle (10%):	107.8°H x 65.8°V
Beam Lumens:	59117 lumens	Field Lumens:	133923.4 lumens
Beam Efficiency:	40.5%	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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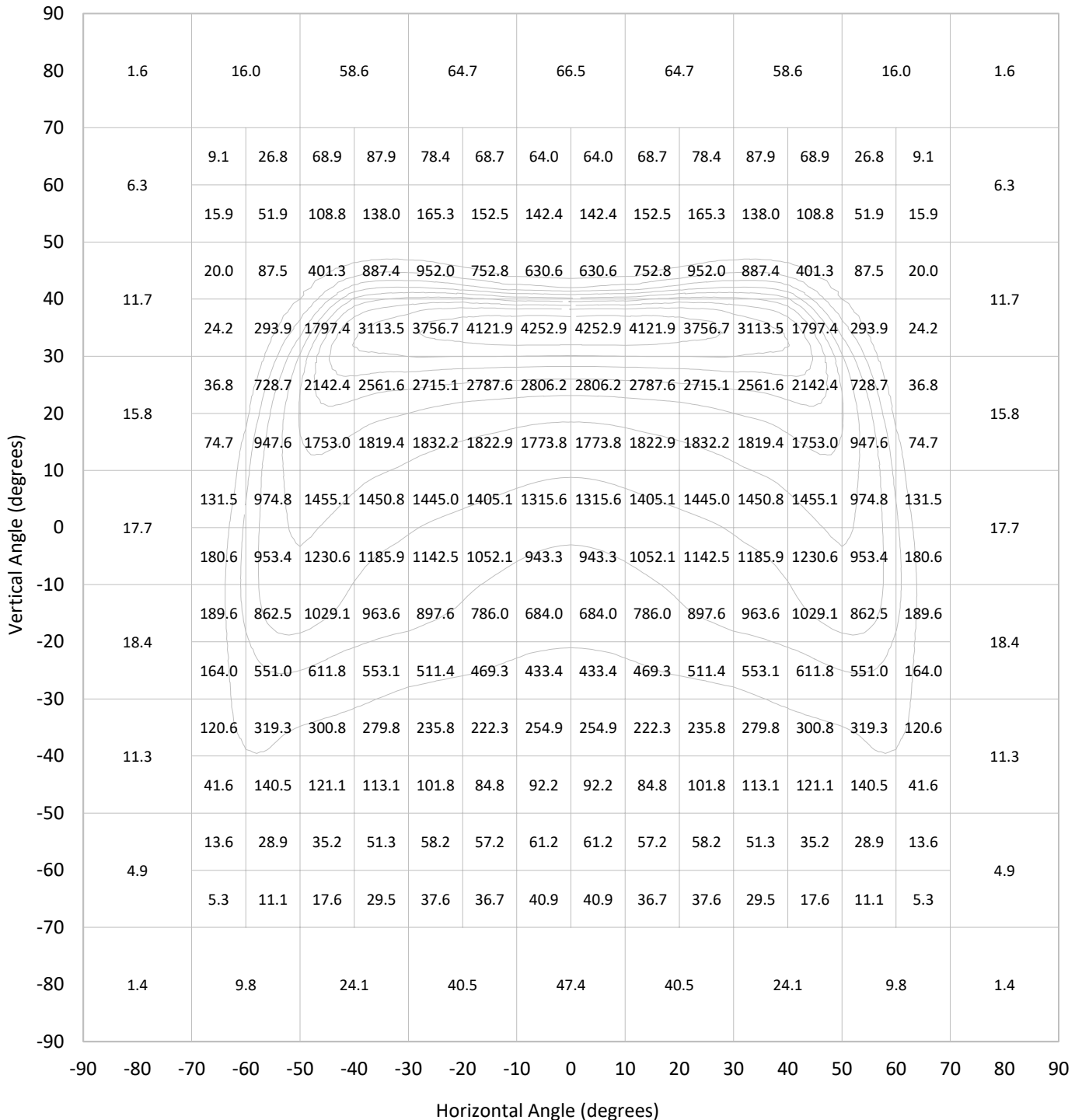
Iso-Candela Plot





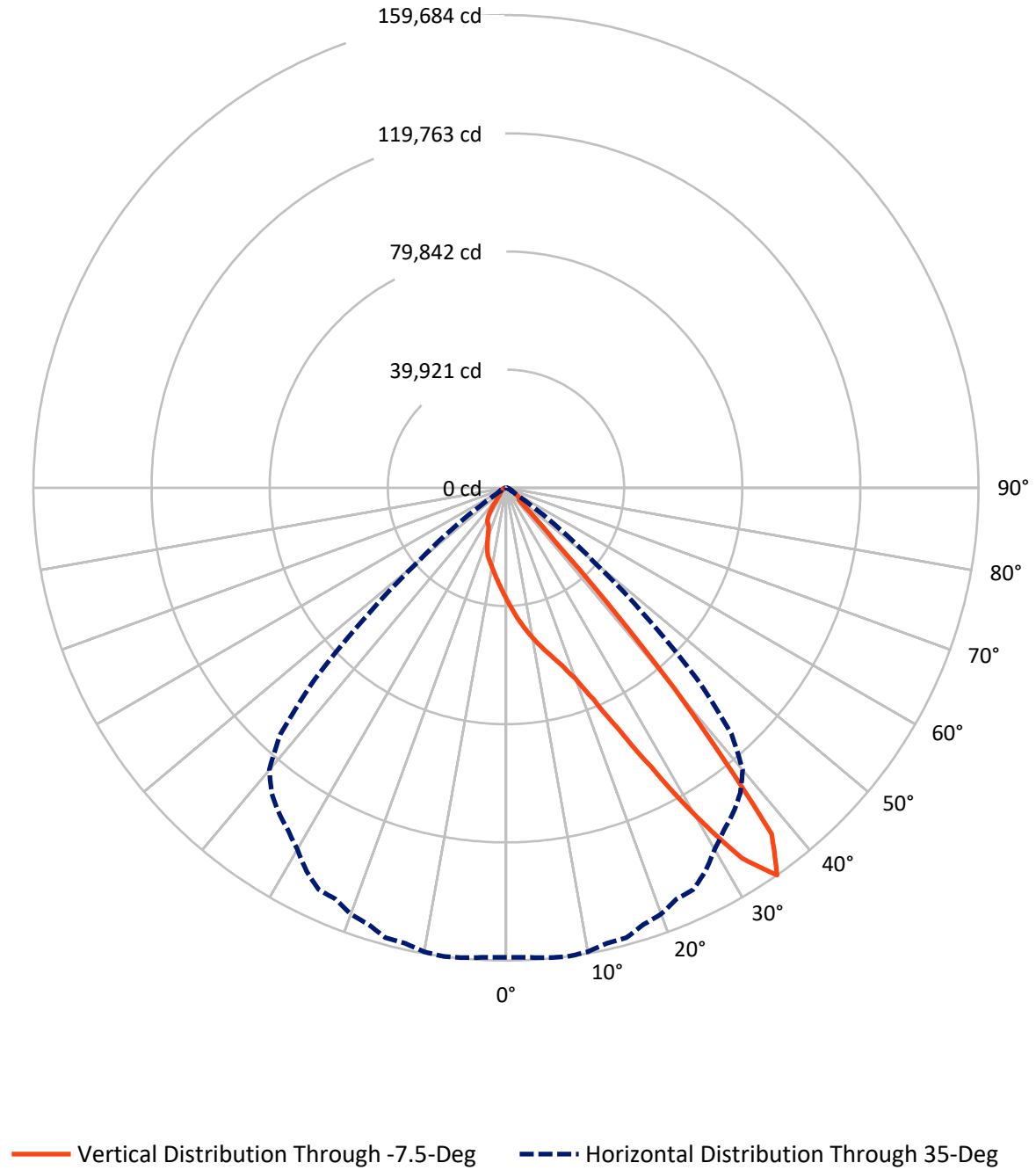
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Lumen Table



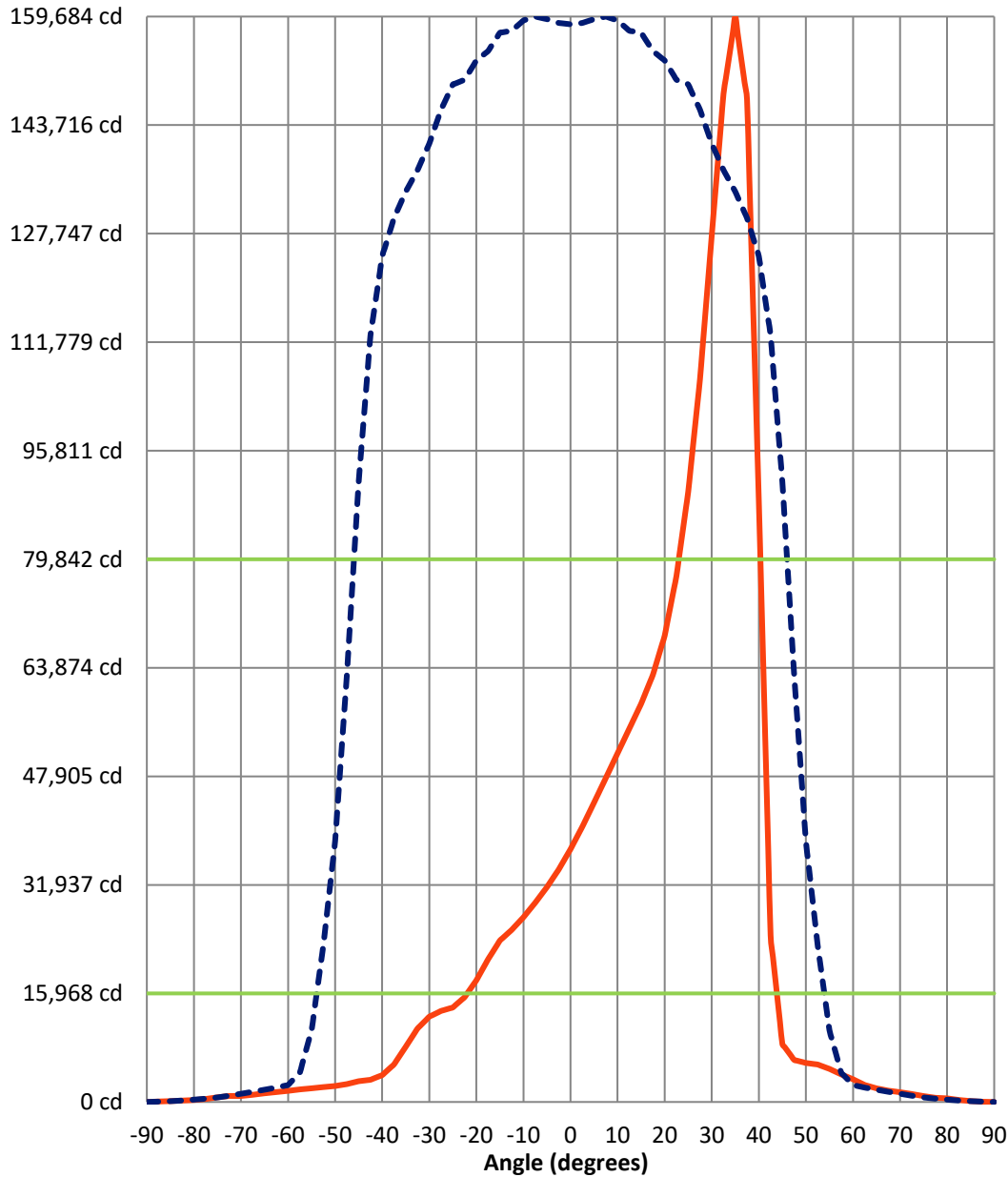
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CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-WB-LT

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 92°
 V Angle: 17.3°
 Lumens: 59117
 Efficiency: 40.5%

Field:
 H Angle: 107.8°
 V Angle: 65.8°
 Lumens: 133923.4
 Efficiency: 91.8%

Spill:
 Lumens: 11913.1
 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	2.9	5.8	8.7	11.6	15.4	19.2	21.1	23.3	26.1	29.5
85°	0.0	5.9	11.7	17.4	23.1	30.7	38.4	42.3	46.7	52.2	60.5
82.5°	0.0	8.8	17.5	26.0	34.6	45.9	57.4	66.8	77.8	89.6	104.9
80°	0.0	11.7	23.2	34.6	46.0	62.6	83.7	98.1	112.9	128.0	152.6
77.5°	0.0	14.6	29.0	43.2	58.4	82.8	110.5	129.3	152.0	181.4	215.5
75°	0.0	17.5	34.7	51.6	72.3	102.4	136.6	167.1	200.4	237.6	283.7
72.5°	0.0	20.3	40.3	61.6	86.1	121.4	167.4	208.1	248.2	305.0	366.7
70°	0.0	23.1	45.8	71.8	99.7	143.0	199.2	248.2	307.4	376.7	455.7
67.5°	0.0	25.9	51.3	81.8	113.1	167.5	230.3	295.1	366.8	454.1	557.5
65°	0.0	28.6	57.2	91.6	129.5	191.2	263.6	341.1	429.5	538.3	668.2
62.5°	0.0	31.2	63.5	101.2	148.6	214.0	299.6	384.7	496.8	626.5	801.8
60°	0.0	33.8	69.6	110.5	167.3	238.9	334.7	431.8	560.0	734.7	932.2
57.5°	0.0	36.3	75.6	119.9	185.4	266.8	368.8	475.8	629.6	831.1	1062.3
55°	0.0	38.8	81.3	132.6	203.0	293.9	405.1	519.2	698.5	917.8	1172.8
52.5°	0.0	41.2	86.9	144.8	221.0	320.1	439.7	575.3	763.1	998.7	1261.2
50°	0.0	43.5	92.3	156.5	242.4	347.2	473.0	628.5	833.5	1074.4	1341.0
47.5°	0.0	45.8	97.4	167.6	262.6	375.1	506.0	676.8	899.4	1151.7	1421.3
45°	0.0	47.9	102.3	178.1	281.3	401.1	541.5	727.1	964.9	1225.6	1497.4
42.5°	0.0	50.0	107.0	188.1	298.8	425.2	572.8	780.0	1030.9	1296.3	1569.1
40°	0.0	52.0	111.5	197.2	315.2	447.2	602.3	829.1	1093.0	1365.1	1645.4
37.5°	0.0	53.9	115.7	205.4	330.4	467.2	632.6	874.2	1151.1	1434.3	1722.5
35°	0.0	55.8	120.6	214.8	345.4	489.7	669.2	919.6	1209.9	1501.4	1805.9
32.5°	0.0	57.6	125.5	223.9	359.9	512.7	706.8	967.3	1269.1	1567.8	1891.3
30°	0.0	59.2	129.9	232.2	373.4	533.5	740.1	1011.9	1327.0	1635.8	1965.3
27.5°	0.0	60.8	133.7	239.4	385.1	552.2	768.6	1051.4	1379.2	1697.0	2024.3
25°	0.0	62.2	137.1	245.7	395.9	568.7	793.3	1085.8	1423.7	1745.2	2058.5
22.5°	0.0	63.5	140.0	251.0	405.8	583.1	814.4	1115.7	1457.2	1777.3	2063.2
20°	0.0	64.6	142.6	255.3	414.9	595.4	833.5	1142.4	1483.2	1809.8	2084.1
17.5°	0.0	65.6	144.8	259.4	423.0	605.7	853.2	1163.4	1505.9	1845.3	2099.7
15°	0.0	66.4	146.5	262.9	430.0	615.4	870.4	1183.5	1526.3	1882.8	2303.3
12.5°	0.0	67.1	147.9	265.6	435.1	624.7	884.2	1205.5	1554.5	1916.2	2857.9
10°	0.0	67.7	148.9	267.6	438.4	633.2	894.5	1223.3	1587.7	1995.5	3480.9
7.5°	0.0	68.1	149.5	268.7	440.2	640.7	904.4	1237.0	1617.1	2106.7	4243.2
5°	0.0	68.4	149.7	269.1	440.5	645.9	911.8	1246.3	1641.9	2262.7	5014.5
2.5°	0.0	68.6	149.5	268.8	439.4	648.7	915.5	1250.7	1661.4	2464.8	5921.7
0°	0.0	68.6	149.0	267.6	436.9	649.1	915.7	1250.1	1674.7	2649.5	6734.7
-2.5°	0.0	68.5	148.7	266.7	433.0	647.2	915.6	1268.5	1753.4	3012.4	7675.2
-5°	0.0	68.3	148.2	264.9	427.8	643.0	911.7	1280.8	1821.9	3319.1	8413.1
-7.5°	0.0	68.0	147.2	262.5	421.4	636.4	903.7	1286.1	1918.0	3737.9	9241.9
-10°	0.0	67.6	145.9	259.3	413.9	627.6	892.5	1309.0	2113.1	4176.6	9863.4
-12.5°	0.0	67.0	144.3	255.4	405.2	616.8	879.1	1323.7	2263.8	4543.3	10152.2
-15°	0.0	66.3	142.2	250.9	396.2	604.2	859.6	1321.5	2457.5	5126.9	10174.4
-17.5°	0.0	65.4	139.9	245.7	387.8	590.0	833.2	1319.4	2671.1	5595.9	10440.7
-20°	0.0	64.5	137.2	239.8	378.1	574.2	799.7	1300.3	2744.6	6052.3	10789.6



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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	63.4	134.1	233.1	366.9	556.4	770.3	1241.9	2676.7	6446.9	11094.6
-25°	0.0	62.2	130.7	225.9	354.2	535.8	743.5	1182.4	2402.6	6687.5	11367.1
-27.5°	0.0	60.8	127.1	218.1	340.2	513.4	714.3	1136.1	2267.8	6219.8	11525.5
-30°	0.0	59.4	123.1	209.8	324.8	489.4	683.9	1074.1	2096.0	5423.7	10941.4
-32.5°	0.0	57.8	118.8	201.0	309.0	464.0	653.7	995.8	1844.1	4445.6	9517.8
-35°	0.0	56.1	114.2	191.8	292.1	437.1	617.5	900.2	1563.3	3220.0	7267.3
-37.5°	0.0	54.3	109.7	182.8	275.8	410.9	578.9	818.5	1345.5	2484.9	5265.7
-40°	0.0	52.5	106.0	175.0	262.7	387.0	543.1	763.9	1217.5	2124.0	3976.3
-42.5°	0.0	50.5	102.0	167.0	249.0	361.9	504.6	700.1	1075.4	1752.8	2854.4
-45°	0.0	48.4	97.8	158.7	234.6	335.5	462.9	627.3	919.8	1460.9	2337.2
-47.5°	0.0	46.3	93.4	150.1	219.5	308.1	418.9	563.4	825.5	1262.7	1933.6
-50°	0.0	44.0	88.9	141.1	203.9	279.6	382.6	511.9	717.3	1048.5	1562.6
-52.5°	0.0	41.7	84.1	131.8	187.6	259.3	347.7	458.3	600.1	869.2	1258.5
-55°	0.0	39.3	79.2	122.2	174.1	238.2	312.7	404.4	531.8	704.4	910.8
-57.5°	0.0	36.8	74.1	112.3	160.8	216.6	277.9	363.5	460.5	543.3	709.2
-60°	0.0	34.2	68.8	104.2	147.3	194.5	251.8	320.7	391.1	465.4	535.8
-62.5°	0.0	31.6	63.5	96.1	133.3	174.8	225.0	277.5	342.7	395.6	453.6
-65°	0.0	28.9	57.9	87.7	119.1	157.0	197.5	245.5	295.3	345.3	398.8
-67.5°	0.0	26.2	52.4	79.3	106.1	138.9	172.9	212.9	254.5	297.9	345.3
-70°	0.0	23.4	46.8	70.6	94.6	120.4	150.8	180.9	217.4	253.6	292.0
-72.5°	0.0	20.6	41.1	61.9	83.0	103.9	128.4	154.8	180.9	212.1	243.6
-75°	0.0	17.7	35.4	53.0	71.1	89.1	107.0	128.4	150.8	172.9	197.1
-77.5°	0.0	14.8	29.6	44.4	59.2	74.2	89.1	103.9	120.4	138.9	157.0
-80°	0.0	11.9	23.8	35.6	47.3	59.2	71.1	83.0	94.6	106.1	119.1
-82.5°	0.0	8.9	17.9	26.7	35.6	44.4	53.0	61.9	70.6	79.3	87.7
-85°	0.0	6.0	11.9	17.9	23.8	29.6	35.4	41.1	46.8	52.4	57.9
-87.5°	0.0	3.0	6.0	8.9	11.9	14.8	17.7	20.6	23.4	26.2	28.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-WB-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°	34.1	36.9	38.6	33.5	29.0	29.8	30.9	33.0	35.8	35.7	37.7
85°	72.1	80.4	86.7	81.4	81.7	89.3	95.5	97.7	99.8	93.0	93.2
82.5°	121.1	133.7	144.1	145.5	157.6	184.4	215.0	226.0	215.5	195.9	189.0
80°	180.1	203.6	224.7	234.9	256.5	315.4	392.4	428.9	397.8	360.4	339.9
77.5°	248.3	281.7	318.4	351.6	393.0	478.7	614.4	706.7	671.4	628.0	596.1
75°	333.1	379.0	424.2	491.7	577.1	688.5	867.4	1093.2	1151.2	1105.5	1046.7
72.5°	422.5	492.9	565.5	656.1	817.7	1044.5	1325.0	1667.4	1844.6	1787.4	1647.1
70°	539.8	620.7	709.5	858.0	1108.0	1516.4	2044.3	2518.4	2601.5	2552.8	2433.6
67.5°	664.2	774.0	848.7	1076.2	1450.7	2016.9	2652.0	3136.8	3191.9	3232.0	3323.5
65°	831.9	952.0	1057.0	1311.1	1809.0	2454.5	3063.7	3426.0	3512.4	3591.2	3852.4
62.5°	1006.5	1176.7	1325.5	1657.3	2206.6	2882.9	3383.5	3634.4	3624.2	3731.9	3925.8
60°	1186.8	1414.8	1643.4	2031.7	2651.8	3336.6	3804.3	4028.0	4116.4	4072.5	4134.4
57.5°	1350.7	1658.4	1978.0	2418.7	3124.2	3824.9	4304.0	4586.2	4746.4	4652.2	4646.0
55°	1491.6	1878.4	2291.4	2808.5	3599.0	4302.4	4760.2	5120.4	5313.2	5266.2	5257.2
52.5°	1599.7	2034.9	2478.2	3145.3	4039.9	4823.5	5289.7	5617.9	5876.5	5925.6	5978.8
50°	1679.3	2098.1	2603.8	3422.8	4643.0	5519.4	6083.7	6499.1	6769.7	7188.6	7399.1
47.5°	1738.2	2122.9	2713.5	3809.8	5354.2	6554.6	7502.4	8477.9	9202.1	10886.3	11785.8
45°	1769.8	2172.6	2824.1	4097.5	6326.9	8273.6	10157.8	12170.2	16942.6	21745.3	23741.2
42.5°	1831.1	2221.2	2930.0	4777.1	7912.3	10883.7	14596.2	23253.9	35284.8	45848.9	53799.2
40°	1919.8	2248.1	3108.3	5503.5	10055.1	15996.6	26203.6	42854.5	63376.7	83047.4	91410.1
37.5°	2012.7	2315.4	3649.9	7880.3	15591.7	25724.6	42286.6	67438.3	94186.3	109389.3	117000.6
35°	2115.9	2498.8	4317.2	10570.4	23081.0	38396.8	62918.2	91203.6	112767.5	124421.3	130027.9
32.5°	2227.4	3020.9	6751.7	17835.3	34298.2	53423.4	79523.9	105338.6	122161.8	129472.0	133135.9
30°	2335.1	3580.2	9030.3	25402.1	45092.2	65555.6	91721.6	111316.9	121218.7	124657.4	125584.1
27.5°	2517.6	4861.7	14025.1	33899.1	53816.4	73612.3	95395.1	109491.9	114961.6	115659.6	114649.1
25°	2946.9	6838.2	20229.4	42230.7	59440.5	78925.1	96672.3	105797.8	107091.0	105715.4	103238.7
22.5°	3415.9	8750.9	26135.7	49873.5	63387.6	80922.8	94412.1	99483.6	98703.5	96244.0	93199.3
20°	3953.1	10987.8	32055.7	52989.4	66113.3	81162.5	91119.8	93382.3	91159.1	88115.7	84884.9
17.5°	4953.9	15561.3	37467.4	55098.5	67398.8	80762.5	87852.2	87783.9	84955.6	81688.3	78714.6
15°	6606.3	19692.8	41934.8	56255.0	67577.5	78874.7	83746.2	82897.7	80108.9	76863.9	73971.5
12.5°	8365.4	23279.7	45352.8	56562.5	67113.0	76631.2	80158.6	78824.3	76079.2	72910.2	70148.9
10°	10058.8	26414.1	47639.1	56513.3	66365.0	74508.1	76921.2	75038.6	72279.4	69253.2	66454.7
7.5°	11995.9	29131.3	48009.0	56320.2	65721.1	72470.2	73875.4	71513.9	68645.1	65674.6	62854.8
5°	13836.9	31443.7	48167.4	56462.8	65017.1	70484.9	70748.5	68211.9	65223.6	62224.5	59459.2
2.5°	15949.3	33602.5	48450.1	56601.2	64255.5	68533.9	67850.4	65083.4	62037.9	59020.3	56378.1
0°	17856.7	35391.2	48761.9	56743.3	63439.8	66536.6	65095.1	62133.7	59100.7	56138.1	53562.4
-2.5°	19699.4	36731.6	49018.1	56698.9	62431.4	64547.9	62725.0	59568.9	56621.4	53731.0	51165.6
-5°	21161.0	37582.4	49097.1	56460.5	61279.0	62533.8	60457.2	57243.7	54332.7	51519.0	48975.0
-7.5°	22114.5	37847.8	49028.3	56130.9	60124.4	60623.1	58322.1	55005.0	52134.2	49438.0	46934.5
-10°	22640.7	37715.3	48963.5	55856.3	59117.9	59007.0	56421.1	52870.8	50124.0	47451.9	45032.6
-12.5°	22417.2	37185.9	48311.0	55377.8	58293.3	57643.5	54850.3	51466.1	48480.7	45916.3	43495.4
-15°	21753.0	35362.7	46632.1	53778.3	55993.7	55431.8	52475.9	49267.7	46354.3	44058.4	41683.6
-17.5°	20086.4	32880.0	43117.1	49274.5	51505.6	50365.8	48057.2	44644.6	41973.1	39648.8	37560.3
-20°	18874.9	29432.1	38491.4	43895.0	45185.5	44005.4	41480.7	38605.6	36006.7	33950.7	32147.9



REPORT NUMBER: P902076 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-WB-LT

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	17965.7	26436.5	33912.8	38404.1	39033.6	37599.3	35352.2	32859.9	30430.6	28647.4	27067.8
-25°	17280.4	24125.8	29878.3	32872.7	33128.9	31825.2	30069.1	27964.8	25804.9	24250.2	22824.4
-27.5°	16785.1	22412.6	26337.6	28092.5	27869.8	26892.0	25462.7	23790.8	22124.6	20648.6	19422.0
-30°	16637.2	21152.0	23710.7	24081.1	23539.3	22580.1	21588.3	20287.5	18904.7	17638.4	16612.1
-32.5°	16201.4	20412.2	21744.1	21033.5	19895.1	18939.2	18006.1	16987.5	15952.1	15076.5	14226.3
-35°	15419.6	19322.8	20425.3	18426.9	16895.1	15666.7	14649.5	13737.4	13045.0	12461.9	11948.6
-37.5°	12795.5	17438.8	18134.0	16486.1	14338.1	12824.6	11607.1	10643.7	10074.2	9678.4	9359.1
-40°	8531.9	14711.8	15697.5	14628.7	12332.7	10671.0	9336.9	8308.5	7582.8	7085.5	6919.6
-42.5°	4629.1	10582.1	12137.8	11800.0	10340.2	9124.7	7854.5	6845.1	6142.8	5687.8	5417.0
-45°	3636.6	6298.1	8021.5	8802.8	7889.1	7017.0	6331.7	5668.9	4994.8	4676.1	4448.6
-47.5°	2841.0	3625.4	4924.1	5279.2	5151.9	4868.3	4586.3	4205.6	3895.6	3690.5	3619.4
-50°	2294.4	2906.3	3306.0	3163.4	3249.4	3067.3	2884.2	2735.6	2501.6	2569.9	2643.4
-52.5°	1738.2	2179.4	2307.7	2185.1	2067.4	2013.1	1882.0	1850.8	1840.5	1906.1	2106.5
-55°	1233.4	1488.3	1406.0	1393.0	1385.4	1413.9	1440.3	1439.7	1505.8	1608.5	1819.8
-57.5°	828.9	980.5	1036.1	1003.4	1075.4	1127.3	1206.0	1260.5	1306.8	1406.9	1627.9
-60°	611.6	707.4	793.4	856.0	915.7	976.8	1031.3	1094.9	1153.1	1252.3	1453.8
-62.5°	519.6	575.8	662.5	736.3	794.3	849.4	896.7	944.2	985.4	1065.5	1225.0
-65°	455.1	506.5	571.5	630.3	677.8	731.1	766.8	806.3	837.7	885.7	1001.8
-67.5°	389.4	433.2	481.8	524.8	567.0	615.4	645.6	676.2	709.0	737.9	805.5
-70°	330.2	359.8	399.4	431.2	461.4	506.2	536.7	561.1	588.0	607.3	651.2
-72.5°	273.7	298.6	325.7	349.9	377.2	410.5	437.6	457.4	475.0	492.0	519.9
-75°	223.2	240.9	257.7	281.7	300.7	324.0	339.0	357.9	376.7	394.7	412.1
-77.5°	174.8	189.9	205.5	221.7	231.8	241.6	258.3	274.5	291.4	304.6	315.4
-80°	133.3	146.3	157.1	167.6	174.2	183.0	190.3	201.8	213.6	211.7	218.2
-82.5°	96.1	105.6	112.8	120.4	126.2	132.2	132.3	138.8	145.8	141.8	146.3
-85°	63.5	69.3	74.4	79.0	83.1	87.2	84.1	87.6	91.2	89.8	92.5
-87.5°	31.6	34.2	36.9	39.4	42.1	44.6	43.1	45.1	47.0	49.5	51.3
-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: P902076 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-WB-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°	36.1	36.2	37.3	38.8	40.3	41.6	42.6	35.1	34.1	33.5	35.2
85°	94.7	94.1	105.9	105.6	108.1	107.6	110.5	133.2	123.8	119.1	128.9
82.5°	198.0	215.1	245.9	246.5	237.4	222.3	222.6	245.9	259.2	271.0	283.9
80°	356.1	397.2	443.7	454.6	437.3	405.5	379.8	379.2	398.3	429.0	476.4
77.5°	601.1	639.4	690.4	708.3	693.5	659.0	618.2	603.7	586.7	580.5	593.0
75°	988.8	982.0	1031.0	1052.2	1036.9	999.1	969.2	965.6	927.9	884.9	876.3
72.5°	1510.1	1419.3	1413.6	1419.8	1388.2	1338.5	1301.3	1290.6	1261.4	1227.5	1200.6
70°	2218.3	1961.0	1799.8	1741.9	1688.9	1637.2	1589.8	1569.9	1555.9	1525.8	1489.4
67.5°	3123.2	2721.6	2336.3	2112.4	2009.9	1934.1	1883.5	1852.8	1834.4	1788.2	1718.2
65°	3940.1	3660.4	3230.0	2805.1	2520.5	2349.3	2249.7	2156.8	2122.3	2072.1	2026.2
62.5°	4175.3	4345.6	4302.9	3959.7	3483.5	3172.5	2959.7	2791.2	2790.1	2715.6	2580.9
60°	4281.4	4658.9	5013.1	5073.0	4703.1	4445.5	4138.9	3783.3	3727.1	3664.9	3440.3
57.5°	4674.2	4881.6	5235.3	5641.7	5583.7	5556.8	5341.2	4760.7	4463.9	4251.4	4115.4
55°	5358.1	5411.7	5635.5	5898.8	6078.7	6263.6	6204.9	5578.1	5088.7	4890.6	4840.4
52.5°	6016.3	6184.7	6297.5	6473.4	6463.9	6472.0	6543.4	6420.3	5948.2	5579.6	5468.8
50°	7305.7	7600.4	7532.3	7668.4	7348.8	6941.7	6513.0	6383.3	6250.6	5941.6	5775.3
47.5°	12045.9	12430.5	11617.4	11636.2	10458.1	9823.9	8435.2	7048.5	6536.9	6327.7	6223.6
45°	26408.6	26548.8	25039.1	24839.5	22008.6	20452.4	16632.1	14130.5	11683.6	9366.3	8536.2
42.5°	56847.3	56856.3	56077.0	55244.8	51062.9	49117.9	41877.6	39002.0	32919.7	25935.6	26212.7
40°	94809.6	98054.7	100298.1	101314.2	103210.8	101941.6	103204.0	97479.9	97821.6	91199.3	88462.2
37.5°	121643.8	126471.5	129546.6	134987.2	140292.7	140596.1	144097.0	144337.7	147720.7	146011.3	145271.0
35°	133918.6	137098.9	140989.7	145979.9	149678.7	150391.1	153212.6	154619.9	157293.8	157597.8	159100.1
32.5°	134537.0	136570.6	139281.4	142360.8	143808.3	143945.8	145212.4	146349.4	147306.1	147880.0	148507.0
30°	125671.1	126392.9	128059.1	129116.8	128387.7	128122.8	128245.9	128106.5	128283.5	127975.2	127850.0
27.5°	113170.1	112611.8	113068.7	112129.7	110758.0	109901.0	109151.0	108606.9	108075.0	106893.6	106767.3
25°	100696.5	99915.9	99338.4	97599.5	95879.3	94635.6	93660.5	92642.5	92089.4	91181.5	90658.0
22.5°	90731.5	89564.0	88376.6	86198.9	84357.6	83023.7	81643.7	80684.2	79941.1	78969.3	78259.8
20°	82569.9	81350.9	79830.4	77525.3	75821.3	74238.3	73129.9	72067.0	71370.4	70458.0	69369.9
17.5°	76547.1	75361.8	73564.6	71484.1	69820.3	68525.3	67416.0	66524.8	65623.9	64683.9	63662.1
15°	71941.2	70920.9	69170.0	67190.0	65737.3	64541.3	63473.4	62496.3	61558.3	60572.2	59478.0
12.5°	68329.0	67121.4	65262.3	63510.5	62268.7	61176.5	60121.6	59128.6	58142.4	56999.4	55961.8
10°	64748.6	63445.1	61647.4	60007.3	58813.0	57858.9	56814.9	55845.9	54733.9	53604.4	52396.0
7.5°	61120.8	59854.0	58151.7	56567.6	55400.0	54457.2	53448.8	52375.3	51267.6	50071.4	48829.8
5°	57774.7	56544.0	54775.5	53313.1	52184.6	51174.4	50131.8	49029.1	47805.2	46499.1	45210.5
2.5°	54722.6	53506.2	51755.2	50368.8	49166.1	48085.2	46947.5	45740.2	44500.7	43072.8	41698.2
0°	51915.0	50759.1	49111.7	47546.3	46244.8	45120.7	43923.9	42654.2	41264.7	39806.7	38406.1
-2.5°	49515.0	48341.9	46658.8	45064.4	43687.7	42387.5	41080.3	39688.8	38281.9	36846.2	35445.3
-5°	47211.7	46029.1	44384.1	42797.0	41244.3	39833.7	38441.5	37037.8	35617.5	34167.1	32811.1
-7.5°	45070.2	43873.1	42294.0	40621.8	39115.4	37604.9	36137.0	34694.4	33272.9	31821.5	30498.1
-10°	43050.8	41768.9	40163.8	38477.1	36973.9	35487.4	33936.2	32444.8	31016.0	29620.3	28325.6
-12.5°	41514.4	40129.4	38496.0	36785.8	35192.3	33715.1	32167.7	30578.0	29103.7	27695.1	26410.0
-15°	39773.8	38302.9	36809.2	35119.0	33600.0	32114.3	30543.9	28970.9	27463.8	26095.4	24943.6
-17.5°	35666.8	34311.6	33199.1	31604.3	30056.2	28662.9	27231.7	25686.1	24314.6	23024.1	21895.1
-20°	30446.1	29105.4	28220.6	26967.9	25656.6	24421.7	23226.9	21964.1	20736.0	19643.0	18667.8



REPORT NUMBER: P902076 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-WB-LT

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	25544.4	24291.1	23532.9	22569.4	21514.2	20541.9	19695.5	18699.4	17790.3	16867.9	16093.8
-25°	21523.6	20335.6	19594.8	18821.9	18062.5	17436.1	16863.0	16238.6	15584.1	14946.0	14384.7
-27.5°	18302.7	17245.1	16379.5	15844.4	15245.6	14787.6	14486.5	14200.6	13955.6	13752.9	13533.2
-30°	15632.8	14685.2	13831.1	13195.6	12689.7	12275.3	12145.8	12158.9	12140.6	12316.8	12439.1
-32.5°	13399.7	12545.8	11678.2	10881.6	10217.3	9756.4	9567.1	9574.9	9762.2	10074.9	10453.1
-35°	11398.2	10729.6	9881.2	9017.6	8176.4	7536.1	7108.7	7051.9	7117.2	7423.6	7740.7
-37.5°	9110.8	8805.6	8195.7	7386.8	6461.4	5798.1	5282.8	5095.2	4972.5	5136.0	5340.0
-40°	6882.7	6758.3	6529.6	5942.4	5143.1	4471.3	4021.4	3811.1	3707.8	3750.0	3860.5
-42.5°	5345.1	5281.8	5190.7	4745.4	4238.4	3635.8	3267.2	3092.1	3056.2	3048.9	3149.2
-45°	4357.5	4372.8	4200.2	3993.0	3625.8	3209.6	2967.9	2915.7	2850.0	2931.8	3015.8
-47.5°	3583.2	3582.3	3528.5	3408.1	3083.0	2800.0	2593.2	2489.5	2427.9	2514.4	2587.8
-50°	2708.8	2874.9	2851.3	2829.6	2617.3	2383.4	2213.7	2147.3	2186.1	2259.0	2336.9
-52.5°	2298.0	2452.3	2476.5	2435.8	2235.3	2070.9	2002.1	1974.0	2040.6	2117.6	2181.7
-55°	2003.8	2124.1	2184.4	2192.4	2036.4	1889.6	1860.5	1864.8	1918.5	1969.8	2003.4
-57.5°	1859.4	1963.8	2083.0	2132.5	1970.8	1851.5	1838.5	1833.3	1872.9	1899.1	1863.2
-60°	1708.2	1837.1	1916.8	1922.6	1822.0	1711.4	1688.1	1693.7	1674.5	1646.7	1625.4
-62.5°	1417.9	1569.0	1626.8	1609.6	1599.7	1491.2	1476.4	1472.1	1437.6	1418.3	1428.5
-65°	1199.4	1314.8	1393.5	1382.4	1383.5	1316.5	1292.4	1262.0	1225.5	1229.6	1254.2
-67.5°	965.0	1096.2	1170.8	1189.0	1172.5	1142.1	1102.7	1058.6	1027.2	1039.3	1043.1
-70°	755.3	861.9	930.2	956.8	944.1	920.4	895.2	850.6	839.2	849.9	848.9
-72.5°	578.7	651.5	717.5	747.4	738.6	720.1	709.0	676.1	677.8	717.6	782.4
-75°	435.7	473.8	523.6	543.2	541.8	535.4	539.1	520.7	561.1	667.3	741.6
-77.5°	311.2	325.9	351.5	362.4	363.1	365.5	378.4	385.3	476.3	644.3	578.4
-80°	224.8	232.7	241.1	247.4	246.6	247.1	251.6	271.7	344.0	420.4	328.2
-82.5°	156.3	164.6	169.0	174.1	178.6	176.5	178.1	196.6	239.7	258.6	222.4
-85°	100.6	107.9	113.6	115.5	116.4	118.5	120.4	123.1	128.3	130.7	129.6
-87.5°	54.1	58.7	71.4	69.3	62.4	63.6	64.5	66.4	74.6	74.8	76.3
-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: P902076 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A35-WB-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°	35.7	36.5	36.5	36.6	36.5	36.5	35.7	35.2	33.5	34.1	35.1
85°	132.6	141.5	143.0	143.3	143.0	141.5	132.6	128.9	119.1	123.8	133.2
82.5°	296.8	315.5	322.4	323.0	322.4	315.5	296.8	283.9	271.0	259.2	245.9
80°	534.8	533.8	527.2	527.9	527.2	533.8	534.8	476.4	429.0	398.3	379.2
77.5°	618.8	632.1	641.4	646.2	641.4	632.1	618.8	593.0	580.5	586.7	603.7
75°	869.6	863.8	869.0	880.3	869.0	863.8	869.6	876.3	884.9	927.9	965.6
72.5°	1169.8	1148.4	1159.8	1181.7	1159.8	1148.4	1169.8	1200.6	1227.5	1261.4	1290.6
70°	1438.2	1391.8	1407.7	1419.8	1407.7	1391.8	1438.2	1489.4	1525.8	1555.9	1569.9
67.5°	1666.5	1624.9	1636.5	1639.4	1636.5	1624.9	1666.5	1718.2	1788.2	1834.4	1852.8
65°	2005.0	1929.8	1906.0	1921.4	1906.0	1929.8	2005.0	2026.2	2072.1	2122.3	2156.8
62.5°	2501.8	2446.3	2428.1	2433.8	2428.1	2446.3	2501.8	2580.9	2715.6	2790.1	2791.2
60°	3346.0	3314.9	3290.0	3292.5	3290.0	3314.9	3346.0	3440.3	3664.9	3727.1	3783.3
57.5°	4060.7	4006.1	3949.0	3911.9	3949.0	4006.1	4060.7	4115.4	4251.4	4463.9	4760.7
55°	4870.0	4825.9	4722.6	4647.5	4722.6	4825.9	4870.0	4840.4	4890.6	5088.7	5578.1
52.5°	5510.7	5529.1	5428.3	5268.6	5428.3	5529.1	5510.7	5468.8	5579.6	5948.2	6420.3
50°	5743.4	5788.5	5711.0	5620.2	5711.0	5788.5	5743.4	5775.3	5941.6	6250.6	6383.3
47.5°	6189.5	6256.4	6203.9	6135.0	6203.9	6256.4	6189.5	6223.6	6327.7	6536.9	7048.5
45°	8544.1	8519.8	8370.2	8269.9	8370.2	8519.8	8544.1	8536.2	9366.3	11683.6	14130.5
42.5°	24524.4	21645.7	19520.3	18498.9	19520.3	21645.7	24524.4	26212.7	25935.6	32919.7	39002.0
40°	88494.1	87811.4	86448.3	85044.5	86448.3	87811.4	88494.1	88462.2	91199.3	97821.6	97479.9
37.5°	147440.9	147562.1	146072.6	145041.6	146072.6	147562.1	147440.9	145271.0	146011.3	147720.7	144337.7
35°	159684.2	159298.5	158745.3	158548.3	158745.3	159298.5	159684.2	159100.1	157597.8	157293.8	154619.9
32.5°	148313.8	148418.4	148172.6	148149.8	148172.6	148418.4	148313.8	148507.0	147880.0	147306.1	146349.4
30°	127451.2	127213.1	126921.0	126765.8	126921.0	127213.1	127451.2	127850.0	127975.2	128283.5	128106.5
27.5°	106302.2	105858.2	105820.3	105886.9	105820.3	105858.2	106302.2	106767.3	106893.6	108075.0	108606.9
25°	89752.6	89493.4	89264.4	89304.0	89264.4	89493.4	89752.6	90658.0	91181.5	92089.4	92642.5
22.5°	77377.5	76938.0	76453.0	76352.5	76453.0	76938.0	77377.5	78259.8	78969.3	79941.1	80684.2
20°	68593.4	67997.3	67494.6	67223.7	67494.6	67997.3	68593.4	69369.9	70458.0	71370.4	72067.0
17.5°	62846.4	62057.0	61661.2	61658.1	61661.2	62057.0	62846.4	63662.1	64683.9	65623.9	66524.8
15°	58586.6	57860.3	57396.0	57476.1	57396.0	57860.3	58586.6	59478.0	60572.2	61558.3	62496.3
12.5°	54940.9	54111.0	53590.0	53586.6	53590.0	54111.0	54940.9	55961.8	56999.4	58142.4	59128.6
10°	51309.1	50414.0	49842.2	49756.8	49842.2	50414.0	51309.1	52396.0	53604.4	54733.9	55845.9
7.5°	47658.4	46728.6	46133.9	45969.4	46133.9	46728.6	47658.4	48829.8	50071.4	51267.6	52375.3
5°	44046.2	43095.0	42442.6	42228.7	42442.6	43095.0	44046.2	45210.5	46499.1	47805.2	49029.1
2.5°	40484.8	39543.2	38900.1	38653.5	38900.1	39543.2	40484.8	41698.2	43072.8	44500.7	45740.2
0°	37192.5	36229.7	35617.6	35386.7	35617.6	36229.7	37192.5	38406.1	39806.7	41264.7	42654.2
-2.5°	34208.6	33268.2	32693.9	32487.2	32693.9	33268.2	34208.6	35445.3	36846.2	38281.9	39688.8
-5°	31618.2	30662.5	30015.6	29810.8	30015.6	30662.5	31618.2	32811.1	34167.1	35617.5	37037.8
-7.5°	29312.0	28351.7	27744.6	27467.2	27744.6	28351.7	29312.0	30498.1	31821.5	33272.9	34694.4
-10°	27175.3	26231.6	25639.5	25370.5	25639.5	26231.6	27175.3	28325.6	29620.3	31016.0	32444.8
-12.5°	25318.5	24430.3	23873.4	23665.2	23873.4	24430.3	25318.5	26410.0	27695.1	29103.7	30578.0
-15°	23746.3	22997.8	22361.8	22163.7	22361.8	22997.8	23746.3	24943.6	26095.4	27463.8	28970.9
-17.5°	21002.1	20294.9	19829.5	19682.1	19829.5	20294.9	21002.1	21895.1	23024.1	24314.6	25686.1
-20°	17902.2	17312.7	16981.6	16874.2	16981.6	17312.7	17902.2	18667.8	19643.0	20736.0	21964.1



REPORT NUMBER: P902076 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	15416.3	15041.2	14798.0	14708.1	14798.0	15041.2	15416.3	16093.8	16867.9	17790.3	18699.4
-25°	13907.0	13648.1	13431.4	13370.2	13431.4	13648.1	13907.0	14384.7	14946.0	15584.1	16238.6
-27.5°	13392.7	13248.6	13072.8	13069.8	13072.8	13248.6	13392.7	13533.2	13752.9	13955.6	14200.6
-30°	12546.9	12722.6	12719.1	12760.3	12719.1	12722.6	12546.9	12439.1	12316.8	12140.6	12158.9
-32.5°	10804.0	11189.5	11394.8	11445.2	11394.8	11189.5	10804.0	10453.1	10074.9	9762.2	9574.9
-35°	8131.0	8518.0	8833.6	8965.0	8833.6	8518.0	8131.0	7740.7	7423.6	7117.2	7051.9
-37.5°	5522.7	5746.3	6004.7	6102.5	6004.7	5746.3	5522.7	5340.0	5136.0	4972.5	5095.2
-40°	3954.1	4058.3	4127.2	4150.3	4127.2	4058.3	3954.1	3860.5	3750.0	3707.8	3811.1
-42.5°	3267.7	3326.8	3365.4	3390.3	3365.4	3326.8	3267.7	3149.2	3048.9	3056.2	3092.1
-45°	3055.4	3049.6	3049.6	3079.7	3049.6	3049.6	3055.4	3015.8	2931.8	2850.0	2915.7
-47.5°	2634.3	2652.6	2644.5	2651.4	2644.5	2652.6	2634.3	2587.8	2514.4	2427.9	2489.5
-50°	2351.3	2293.4	2307.7	2307.2	2307.7	2293.4	2351.3	2336.9	2259.0	2186.1	2147.3
-52.5°	2191.5	2135.2	2099.3	2151.3	2099.3	2135.2	2191.5	2181.7	2117.6	2040.6	1974.0
-55°	2012.6	2007.3	2001.9	2025.1	2001.9	2007.3	2012.6	2003.4	1969.8	1918.5	1864.8
-57.5°	1848.8	1901.0	1941.5	1874.9	1941.5	1901.0	1848.8	1863.2	1899.1	1872.9	1833.3
-60°	1639.0	1723.7	1834.1	1945.4	1834.1	1723.7	1639.0	1625.4	1646.7	1674.5	1693.7
-62.5°	1458.6	1524.7	1626.3	1838.0	1626.3	1524.7	1458.6	1428.5	1418.3	1437.6	1472.1
-65°	1279.7	1329.0	1397.9	1494.6	1397.9	1329.0	1279.7	1254.2	1229.6	1225.5	1262.0
-67.5°	1061.7	1120.3	1202.0	1284.8	1202.0	1120.3	1061.7	1043.1	1039.3	1027.2	1058.6
-70°	885.3	942.4	1039.6	1110.4	1039.6	942.4	885.3	848.9	849.9	839.2	850.6
-72.5°	881.9	943.5	900.1	865.5	900.1	943.5	881.9	782.4	717.6	677.8	676.1
-75°	686.8	617.1	595.7	591.3	595.7	617.1	686.8	741.6	667.3	561.1	520.7
-77.5°	445.5	416.9	412.0	402.1	412.0	416.9	445.5	578.4	644.3	476.3	385.3
-80°	290.2	289.7	278.3	273.0	278.3	289.7	290.2	328.2	420.4	344.0	271.7
-82.5°	207.9	193.1	183.4	182.9	183.4	193.1	207.9	222.4	258.6	239.7	196.6
-85°	129.1	124.4	113.0	111.4	113.0	124.4	129.1	129.6	130.7	128.3	123.1
-87.5°	74.2	67.3	62.9	61.2	62.9	67.3	74.2	76.3	74.8	74.6	66.4
-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):

	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°	42.6	41.6	40.3	38.8	37.3	36.2	36.1	37.7	35.7	35.8	33.0
85°	110.5	107.6	108.1	105.6	105.9	94.1	94.7	93.2	93.0	99.8	97.7
82.5°	222.6	222.3	237.4	246.5	245.9	215.1	198.0	189.0	195.9	215.5	226.0
80°	379.8	405.5	437.3	454.6	443.7	397.2	356.1	339.9	360.4	397.8	428.9
77.5°	618.2	659.0	693.5	708.3	690.4	639.4	601.1	596.1	628.0	671.4	706.7
75°	969.2	999.1	1036.9	1052.2	1031.0	982.0	988.8	1046.7	1105.5	1151.2	1093.2
72.5°	1301.3	1338.5	1388.2	1419.8	1413.6	1419.3	1510.1	1647.1	1787.4	1844.6	1667.4
70°	1589.8	1637.2	1688.9	1741.9	1799.8	1961.0	2218.3	2433.6	2552.8	2601.5	2518.4
67.5°	1883.5	1934.1	2009.9	2112.4	2336.3	2721.6	3123.2	3323.5	3232.0	3191.9	3136.8
65°	2249.7	2349.3	2520.5	2805.1	3230.0	3660.4	3940.1	3852.4	3591.2	3512.4	3426.0
62.5°	2959.7	3172.5	3483.5	3959.7	4302.9	4345.6	4175.3	3925.8	3731.9	3624.2	3634.4
60°	4138.9	4445.5	4703.1	5073.0	5013.1	4658.9	4281.4	4134.4	4072.5	4116.4	4028.0
57.5°	5341.2	5556.8	5583.7	5641.7	5235.3	4881.6	4674.2	4646.0	4652.2	4746.4	4586.2
55°	6204.9	6263.6	6078.7	5898.8	5635.5	5411.7	5358.1	5257.2	5266.2	5313.2	5120.4
52.5°	6543.4	6472.0	6463.9	6473.4	6297.5	6184.7	6016.3	5978.8	5925.6	5876.5	5617.9
50°	6513.0	6941.7	7348.8	7668.4	7532.3	7600.4	7305.7	7399.1	7188.6	6769.7	6499.1
47.5°	8435.2	9823.9	10458.1	11636.2	11617.4	12430.5	12045.9	11785.8	10886.3	9202.1	8477.9
45°	16632.1	20452.4	22008.6	24839.5	25039.1	26548.8	26408.6	23741.2	21745.3	16942.6	12170.2
42.5°	41877.6	49117.9	51062.9	55244.8	56077.0	56856.3	56847.3	53799.2	45848.9	35284.8	23253.9
40°	103204.0	101941.6	103210.8	101314.2	100298.1	98054.7	94809.6	91410.1	83047.4	63376.7	42854.5
37.5°	144097.0	140596.1	140292.7	134987.2	129546.6	126471.5	121643.8	117000.6	109389.3	94186.3	67438.3
35°	153212.6	150391.1	149678.7	145979.9	140989.7	137098.9	133918.6	130027.9	124421.3	112767.5	91203.6
32.5°	145212.4	143945.8	143808.3	142360.8	139281.4	136570.6	134537.0	133135.9	129472.0	122161.8	105338.6
30°	128245.9	128122.8	128387.7	129116.8	128059.1	126392.9	125671.1	125584.1	124657.4	121218.7	111316.9
27.5°	109151.0	109901.0	110758.0	112129.7	113068.7	112611.8	113170.1	114649.1	115659.6	114961.6	109491.9
25°	93660.5	94635.6	95879.3	97599.5	99338.4	99915.9	100696.5	103238.7	105715.4	107091.0	105797.8
22.5°	81643.7	83023.7	84357.6	86198.9	88376.6	89564.0	90731.5	93199.3	96244.0	98703.5	99483.6
20°	73129.9	74238.3	75821.3	77525.3	79830.4	81350.9	82569.9	84884.9	88115.7	91159.1	93382.3
17.5°	67416.0	68525.3	69820.3	71484.1	73564.6	75361.8	76547.1	78714.6	81688.3	84955.6	87783.9
15°	63473.4	64541.3	65737.3	67190.0	69170.0	70920.9	71941.2	73971.5	76863.9	80108.9	82897.7
12.5°	60121.6	61176.5	62268.7	63510.5	65262.3	67121.4	68329.0	70148.9	72910.2	76079.2	78824.3
10°	56814.9	57858.9	58813.0	60007.3	61647.4	63445.1	64748.6	66454.7	69253.2	72279.4	75038.6
7.5°	53448.8	54457.2	55400.0	56567.6	58151.7	59854.0	61120.8	62854.8	65674.6	68645.1	71513.9
5°	50131.8	51174.4	52184.6	53313.1	54775.5	56544.0	57774.7	59459.2	62224.5	65223.6	68211.9
2.5°	46947.5	48085.2	49166.1	50368.8	51755.2	53506.2	54722.6	56378.1	59020.3	62037.9	65083.4
0°	43923.9	45120.7	46244.8	47546.3	49111.7	50759.1	51915.0	53562.4	56138.1	59100.7	62133.7
-2.5°	41080.3	42387.5	43687.7	45064.4	46658.8	48341.9	49515.0	51165.6	53731.0	56621.4	59568.9
-5°	38441.5	39833.7	41244.3	42797.0	44384.1	46029.1	47211.7	48975.0	51519.0	54332.7	57243.7
-7.5°	36137.0	37604.9	39115.4	40621.8	42294.0	43873.1	45070.2	46934.5	49438.0	52134.2	55005.0
-10°	33936.2	35487.4	36973.9	38477.1	40163.8	41768.9	43050.8	45032.6	47451.9	50124.0	52870.8
-12.5°	32167.7	33715.1	35192.3	36785.8	38496.0	40129.4	41514.4	43495.4	45916.3	48480.7	51466.1
-15°	30543.9	32114.3	33600.0	35119.0	36809.2	38302.9	39773.8	41683.6	44058.4	46354.3	49267.7
-17.5°	27231.7	28662.9	30056.2	31604.3	33199.1	34311.6	35666.8	37560.3	39648.8	41973.1	44644.6
-20°	23226.9	24421.7	25656.6	26967.9	28220.6	29105.4	30446.1	32147.9	33950.7	36006.7	38605.6



REPORT NUMBER: P902076 (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°	19695.5	20541.9	21514.2	22569.4	23532.9	24291.1	25544.4	27067.8	28647.4	30430.6	32859.9
-25°	16863.0	17436.1	18062.5	18821.9	19594.8	20335.6	21523.6	22824.4	24250.2	25804.9	27964.8
-27.5°	14486.5	14787.6	15245.6	15844.4	16379.5	17245.1	18302.7	19422.0	20648.6	22124.6	23790.8
-30°	12145.8	12275.3	12689.7	13195.6	13831.1	14685.2	15632.8	16612.1	17638.4	18904.7	20287.5
-32.5°	9567.1	9756.4	10217.3	10881.6	11678.2	12545.8	13399.7	14226.3	15076.5	15952.1	16987.5
-35°	7108.7	7536.1	8176.4	9017.6	9881.2	10729.6	11398.2	11948.6	12461.9	13045.0	13737.4
-37.5°	5282.8	5798.1	6461.4	7386.8	8195.7	8805.6	9110.8	9359.1	9678.4	10074.2	10643.7
-40°	4021.4	4471.3	5143.1	5942.4	6529.6	6758.3	6882.7	6919.6	7085.5	7582.8	8308.5
-42.5°	3267.2	3635.8	4238.4	4745.4	5190.7	5281.8	5345.1	5417.0	5687.8	6142.8	6845.1
-45°	2967.9	3209.6	3625.8	3993.0	4200.2	4372.8	4357.5	4448.6	4676.1	4994.8	5668.9
-47.5°	2593.2	2800.0	3083.0	3408.1	3528.5	3582.3	3583.2	3619.4	3690.5	3895.6	4205.6
-50°	2213.7	2383.4	2617.3	2829.6	2851.3	2874.9	2708.8	2643.4	2569.9	2501.6	2735.6
-52.5°	2002.1	2070.9	2235.3	2435.8	2476.5	2452.3	2298.0	2106.5	1906.1	1840.5	1850.8
-55°	1860.5	1889.6	2036.4	2192.4	2184.4	2124.1	2003.8	1819.8	1608.5	1505.8	1439.7
-57.5°	1838.5	1851.5	1970.8	2132.5	2083.0	1963.8	1859.4	1627.9	1406.9	1306.8	1260.5
-60°	1688.1	1711.4	1822.0	1922.6	1916.8	1837.1	1708.2	1453.8	1252.3	1153.1	1094.9
-62.5°	1476.4	1491.2	1599.7	1609.6	1626.8	1569.0	1417.9	1225.0	1065.5	985.4	944.2
-65°	1292.4	1316.5	1383.5	1382.4	1393.5	1314.8	1199.4	1001.8	885.7	837.7	806.3
-67.5°	1102.7	1142.1	1172.5	1189.0	1170.8	1096.2	965.0	805.5	737.9	709.0	676.2
-70°	895.2	920.4	944.1	956.8	930.2	861.9	755.3	651.2	607.3	588.0	561.1
-72.5°	709.0	720.1	738.6	747.4	717.5	651.5	578.7	519.9	492.0	475.0	457.4
-75°	539.1	535.4	541.8	543.2	523.6	473.8	435.7	412.1	394.7	376.7	357.9
-77.5°	378.4	365.5	363.1	362.4	351.5	325.9	311.2	315.4	304.6	291.4	274.5
-80°	251.6	247.1	246.6	247.4	241.1	232.7	224.8	218.2	211.7	213.6	201.8
-82.5°	178.1	176.5	178.6	174.1	169.0	164.6	156.3	146.3	141.8	145.8	138.8
-85°	120.4	118.5	116.4	115.5	113.6	107.9	100.6	92.5	89.8	91.2	87.6
-87.5°	64.5	63.6	62.4	69.3	71.4	58.7	54.1	51.3	49.5	47.0	45.1
-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: P902076 (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°	30.9	29.8	29.0	33.5	38.6	36.9	34.1	29.5	26.1	23.3	21.1
85°	95.5	89.3	81.7	81.4	86.7	80.4	72.1	60.5	52.2	46.7	42.3
82.5°	215.0	184.4	157.6	145.5	144.1	133.7	121.1	104.9	89.6	77.8	66.8
80°	392.4	315.4	256.5	234.9	224.7	203.6	180.1	152.6	128.0	112.9	98.1
77.5°	614.4	478.7	393.0	351.6	318.4	281.7	248.3	215.5	181.4	152.0	129.3
75°	867.4	688.5	577.1	491.7	424.2	379.0	333.1	283.7	237.6	200.4	167.1
72.5°	1325.0	1044.5	817.7	656.1	565.5	492.9	422.5	366.7	305.0	248.2	208.1
70°	2044.3	1516.4	1108.0	858.0	709.5	620.7	539.8	455.7	376.7	307.4	248.2
67.5°	2652.0	2016.9	1450.7	1076.2	848.7	774.0	664.2	557.5	454.1	366.8	295.1
65°	3063.7	2454.5	1809.0	1311.1	1057.0	952.0	831.9	668.2	538.3	429.5	341.1
62.5°	3383.5	2882.9	2206.6	1657.3	1325.5	1176.7	1006.5	801.8	626.5	496.8	384.7
60°	3804.3	3336.6	2651.8	2031.7	1643.4	1414.8	1186.8	932.2	734.7	560.0	431.8
57.5°	4304.0	3824.9	3124.2	2418.7	1978.0	1658.4	1350.7	1062.3	831.1	629.6	475.8
55°	4760.2	4302.4	3599.0	2808.5	2291.4	1878.4	1491.6	1172.8	917.8	698.5	519.2
52.5°	5289.7	4823.5	4039.9	3145.3	2478.2	2034.9	1599.7	1261.2	998.7	763.1	575.3
50°	6083.7	5519.4	4643.0	3422.8	2603.8	2098.1	1679.3	1341.0	1074.4	833.5	628.5
47.5°	7502.4	6554.6	5354.2	3809.8	2713.5	2122.9	1738.2	1421.3	1151.7	899.4	676.8
45°	10157.8	8273.6	6326.9	4097.5	2824.1	2172.6	1769.8	1497.4	1225.6	964.9	727.1
42.5°	14596.2	10883.7	7912.3	4777.1	2930.0	2221.2	1831.1	1569.1	1296.3	1030.9	780.0
40°	26203.6	15996.6	10055.1	5503.5	3108.3	2248.1	1919.8	1645.4	1365.1	1093.0	829.1
37.5°	42286.6	25724.6	15591.7	7880.3	3649.9	2315.4	2012.7	1722.5	1434.3	1151.1	874.2
35°	62918.2	38396.8	23081.0	10570.4	4317.2	2498.8	2115.9	1805.9	1501.4	1209.9	919.6
32.5°	79523.9	53423.4	34298.2	17835.3	6751.7	3020.9	2227.4	1891.3	1567.8	1269.1	967.3
30°	91721.6	65555.6	45092.2	25402.1	9030.3	3580.2	2335.1	1965.3	1635.8	1327.0	1011.9
27.5°	95395.1	73612.3	53816.4	33899.1	14025.1	4861.7	2517.6	2024.3	1697.0	1379.2	1051.4
25°	96672.3	78925.1	59440.5	42230.7	20229.4	6838.2	2946.9	2058.5	1745.2	1423.7	1085.8
22.5°	94412.1	80922.8	63387.6	49873.5	26135.7	8750.9	3415.9	2063.2	1777.3	1457.2	1115.7
20°	91119.8	81162.5	66113.3	52989.4	32055.7	10987.8	3953.1	2084.1	1809.8	1483.2	1142.4
17.5°	87852.2	80762.5	67398.8	55098.5	37467.4	15561.3	4953.9	2099.7	1845.3	1505.9	1163.4
15°	83746.2	78874.7	67577.5	56255.0	41934.8	19692.8	6606.3	2303.3	1882.8	1526.3	1183.5
12.5°	80158.6	76631.2	67113.0	56562.5	45352.8	23279.7	8365.4	2857.9	1916.2	1554.5	1205.5
10°	76921.2	74508.1	66365.0	56513.3	47639.1	26414.1	10058.8	3480.9	1995.5	1587.7	1223.3
7.5°	73875.4	72470.2	65721.1	56320.2	48009.0	29131.3	11995.9	4243.2	2106.7	1617.1	1237.0
5°	70748.5	70484.9	65017.1	56462.8	48167.4	31443.7	13836.9	5014.5	2262.7	1641.9	1246.3
2.5°	67850.4	68533.9	64255.5	56601.2	48450.1	33602.5	15949.3	5921.7	2464.8	1661.4	1250.7
0°	65095.1	66536.6	63439.8	56743.3	48761.9	35391.2	17856.7	6734.7	2649.5	1674.7	1250.1
-2.5°	62725.0	64547.9	62431.4	56698.9	49018.1	36731.6	19699.4	7675.2	3012.4	1753.4	1268.5
-5°	60457.2	62533.8	61279.0	56460.5	49097.1	37582.4	21161.0	8413.1	3319.1	1821.9	1280.8
-7.5°	58322.1	60623.1	60124.4	56130.9	49028.3	37847.8	22114.5	9241.9	3737.9	1918.0	1286.1
-10°	56421.1	59007.0	59117.9	55856.3	48963.5	37715.3	22640.7	9863.4	4176.6	2113.1	1309.0
-12.5°	54850.3	57643.5	58293.3	55377.8	48311.0	37185.9	22417.2	10152.2	4543.3	2263.8	1323.7
-15°	52475.9	55431.8	55993.7	53778.3	46632.1	35362.7	21753.0	10174.4	5126.9	2457.5	1321.5
-17.5°	48057.2	50365.8	51505.6	49274.5	43117.1	32880.0	20086.4	10440.7	5595.9	2671.1	1319.4
-20°	41480.7	44005.4	45185.5	43895.0	38491.4	29432.1	18874.9	10789.6	6052.3	2744.6	1300.3



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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°	35352.2	37599.3	39033.6	38404.1	33912.8	26436.5	17965.7	11094.6	6446.9	2676.7	1241.9
-25°	30069.1	31825.2	33128.9	32872.7	29878.3	24125.8	17280.4	11367.1	6687.5	2402.6	1182.4
-27.5°	25462.7	26892.0	27869.8	28092.5	26337.6	22412.6	16785.1	11525.5	6219.8	2267.8	1136.1
-30°	21588.3	22580.1	23539.3	24081.1	23710.7	21152.0	16637.2	10941.4	5423.7	2096.0	1074.1
-32.5°	18006.1	18939.2	19895.1	21033.5	21744.1	20412.2	16201.4	9517.8	4445.6	1844.1	995.8
-35°	14649.5	15666.7	16895.1	18426.9	20425.3	19322.8	15419.6	7267.3	3220.0	1563.3	900.2
-37.5°	11607.1	12824.6	14338.1	16486.1	18134.0	17438.8	12795.5	5265.7	2484.9	1345.5	818.5
-40°	9336.9	10671.0	12332.7	14628.7	15697.5	14711.8	8531.9	3976.3	2124.0	1217.5	763.9
-42.5°	7854.5	9124.7	10340.2	11800.0	12137.8	10582.1	4629.1	2854.4	1752.8	1075.4	700.1
-45°	6331.7	7017.0	7889.1	8802.8	8021.5	6298.1	3636.6	2337.2	1460.9	919.8	627.3
-47.5°	4586.3	4868.3	5151.9	5279.2	4924.1	3625.4	2841.0	1933.6	1262.7	825.5	563.4
-50°	2884.2	3067.3	3249.4	3163.4	3306.0	2906.3	2294.4	1562.6	1048.5	717.3	511.9
-52.5°	1882.0	2013.1	2067.4	2185.1	2307.7	2179.4	1738.2	1258.5	869.2	600.1	458.3
-55°	1440.3	1413.9	1385.4	1393.0	1406.0	1488.3	1233.4	910.8	704.4	531.8	404.4
-57.5°	1206.0	1127.3	1075.4	1003.4	1036.1	980.5	828.9	709.2	543.3	460.5	363.5
-60°	1031.3	976.8	915.7	856.0	793.4	707.4	611.6	535.8	465.4	391.1	320.7
-62.5°	896.7	849.4	794.3	736.3	662.5	575.8	519.6	453.6	395.6	342.7	277.5
-65°	766.8	731.1	677.8	630.3	571.5	506.5	455.1	398.8	345.3	295.3	245.5
-67.5°	645.6	615.4	567.0	524.8	481.8	433.2	389.4	345.3	297.9	254.5	212.9
-70°	536.7	506.2	461.4	431.2	399.4	359.8	330.2	292.0	253.6	217.4	180.9
-72.5°	437.6	410.5	377.2	349.9	325.7	298.6	273.7	243.6	212.1	180.9	154.8
-75°	339.0	324.0	300.7	281.7	257.7	240.9	223.2	197.1	172.9	150.8	128.4
-77.5°	258.3	241.6	231.8	221.7	205.5	189.9	174.8	157.0	138.9	120.4	103.9
-80°	190.3	183.0	174.2	167.6	157.1	146.3	133.3	119.1	106.1	94.6	83.0
-82.5°	132.3	132.2	126.2	120.4	112.8	105.6	96.1	87.7	79.3	70.6	61.9
-85°	84.1	87.2	83.1	79.0	74.4	69.3	63.5	57.9	52.4	46.8	41.1
-87.5°	43.1	44.6	42.1	39.4	36.9	34.2	31.6	28.9	26.2	23.4	20.6
-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):

	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°	19.2	15.4	11.6	8.7	5.8	2.9	0.0
85°	38.4	30.7	23.1	17.4	11.7	5.9	0.0
82.5°	57.4	45.9	34.6	26.0	17.5	8.8	0.0
80°	83.7	62.6	46.0	34.6	23.2	11.7	0.0
77.5°	110.5	82.8	58.4	43.2	29.0	14.6	0.0
75°	136.6	102.4	72.3	51.6	34.7	17.5	0.0
72.5°	167.4	121.4	86.1	61.6	40.3	20.3	0.0
70°	199.2	143.0	99.7	71.8	45.8	23.1	0.0
67.5°	230.3	167.5	113.1	81.8	51.3	25.9	0.0
65°	263.6	191.2	129.5	91.6	57.2	28.6	0.0
62.5°	299.6	214.0	148.6	101.2	63.5	31.2	0.0
60°	334.7	238.9	167.3	110.5	69.6	33.8	0.0
57.5°	368.8	266.8	185.4	119.9	75.6	36.3	0.0
55°	405.1	293.9	203.0	132.6	81.3	38.8	0.0
52.5°	439.7	320.1	221.0	144.8	86.9	41.2	0.0
50°	473.0	347.2	242.4	156.5	92.3	43.5	0.0
47.5°	506.0	375.1	262.6	167.6	97.4	45.8	0.0
45°	541.5	401.1	281.3	178.1	102.3	47.9	0.0
42.5°	572.8	425.2	298.8	188.1	107.0	50.0	0.0
40°	602.3	447.2	315.2	197.2	111.5	52.0	0.0
37.5°	632.6	467.2	330.4	205.4	115.7	53.9	0.0
35°	669.2	489.7	345.4	214.8	120.6	55.8	0.0
32.5°	706.8	512.7	359.9	223.9	125.5	57.6	0.0
30°	740.1	533.5	373.4	232.2	129.9	59.2	0.0
27.5°	768.6	552.2	385.1	239.4	133.7	60.8	0.0
25°	793.3	568.7	395.9	245.7	137.1	62.2	0.0
22.5°	814.4	583.1	405.8	251.0	140.0	63.5	0.0
20°	833.5	595.4	414.9	255.3	142.6	64.6	0.0
17.5°	853.2	605.7	423.0	259.4	144.8	65.6	0.0
15°	870.4	615.4	430.0	262.9	146.5	66.4	0.0
12.5°	884.2	624.7	435.1	265.6	147.9	67.1	0.0
10°	894.5	633.2	438.4	267.6	148.9	67.7	0.0
7.5°	904.4	640.7	440.2	268.7	149.5	68.1	0.0
5°	911.8	645.9	440.5	269.1	149.7	68.4	0.0
2.5°	915.5	648.7	439.4	268.8	149.5	68.6	0.0
0°	915.7	649.1	436.9	267.6	149.0	68.6	0.0
-2.5°	915.6	647.2	433.0	266.7	148.7	68.5	0.0
-5°	911.7	643.0	427.8	264.9	148.2	68.3	0.0
-7.5°	903.7	636.4	421.4	262.5	147.2	68.0	0.0
-10°	892.5	627.6	413.9	259.3	145.9	67.6	0.0
-12.5°	879.1	616.8	405.2	255.4	144.3	67.0	0.0
-15°	859.6	604.2	396.2	250.9	142.2	66.3	0.0
-17.5°	833.2	590.0	387.8	245.7	139.9	65.4	0.0
-20°	799.7	574.2	378.1	239.8	137.2	64.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	770.3	556.4	366.9	233.1	134.1	63.4	0.0
-25°	743.5	535.8	354.2	225.9	130.7	62.2	0.0
-27.5°	714.3	513.4	340.2	218.1	127.1	60.8	0.0
-30°	683.9	489.4	324.8	209.8	123.1	59.4	0.0
-32.5°	653.7	464.0	309.0	201.0	118.8	57.8	0.0
-35°	617.5	437.1	292.1	191.8	114.2	56.1	0.0
-37.5°	578.9	410.9	275.8	182.8	109.7	54.3	0.0
-40°	543.1	387.0	262.7	175.0	106.0	52.5	0.0
-42.5°	504.6	361.9	249.0	167.0	102.0	50.5	0.0
-45°	462.9	335.5	234.6	158.7	97.8	48.4	0.0
-47.5°	418.9	308.1	219.5	150.1	93.4	46.3	0.0
-50°	382.6	279.6	203.9	141.1	88.9	44.0	0.0
-52.5°	347.7	259.3	187.6	131.8	84.1	41.7	0.0
-55°	312.7	238.2	174.1	122.2	79.2	39.3	0.0
-57.5°	277.9	216.6	160.8	112.3	74.1	36.8	0.0
-60°	251.8	194.5	147.3	104.2	68.8	34.2	0.0
-62.5°	225.0	174.8	133.3	96.1	63.5	31.6	0.0
-65°	197.5	157.0	119.1	87.7	57.9	28.9	0.0
-67.5°	172.9	138.9	106.1	79.3	52.4	26.2	0.0
-70°	150.8	120.4	94.6	70.6	46.8	23.4	0.0
-72.5°	128.4	103.9	83.0	61.9	41.1	20.6	0.0
-75°	107.0	89.1	71.1	53.0	35.4	17.7	0.0
-77.5°	89.1	74.2	59.2	44.4	29.6	14.8	0.0
-80°	71.1	59.2	47.3	35.6	23.8	11.9	0.0
-82.5°	53.0	44.4	35.6	26.7	17.9	8.9	0.0
-85°	35.4	29.6	23.8	17.9	11.9	6.0	0.0
-87.5°	17.7	14.8	11.9	8.9	6.0	3.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)