

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: P1305752 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680R-40-70-4S-VHE-A**

Issue Date: 2/3/2026

Test Information

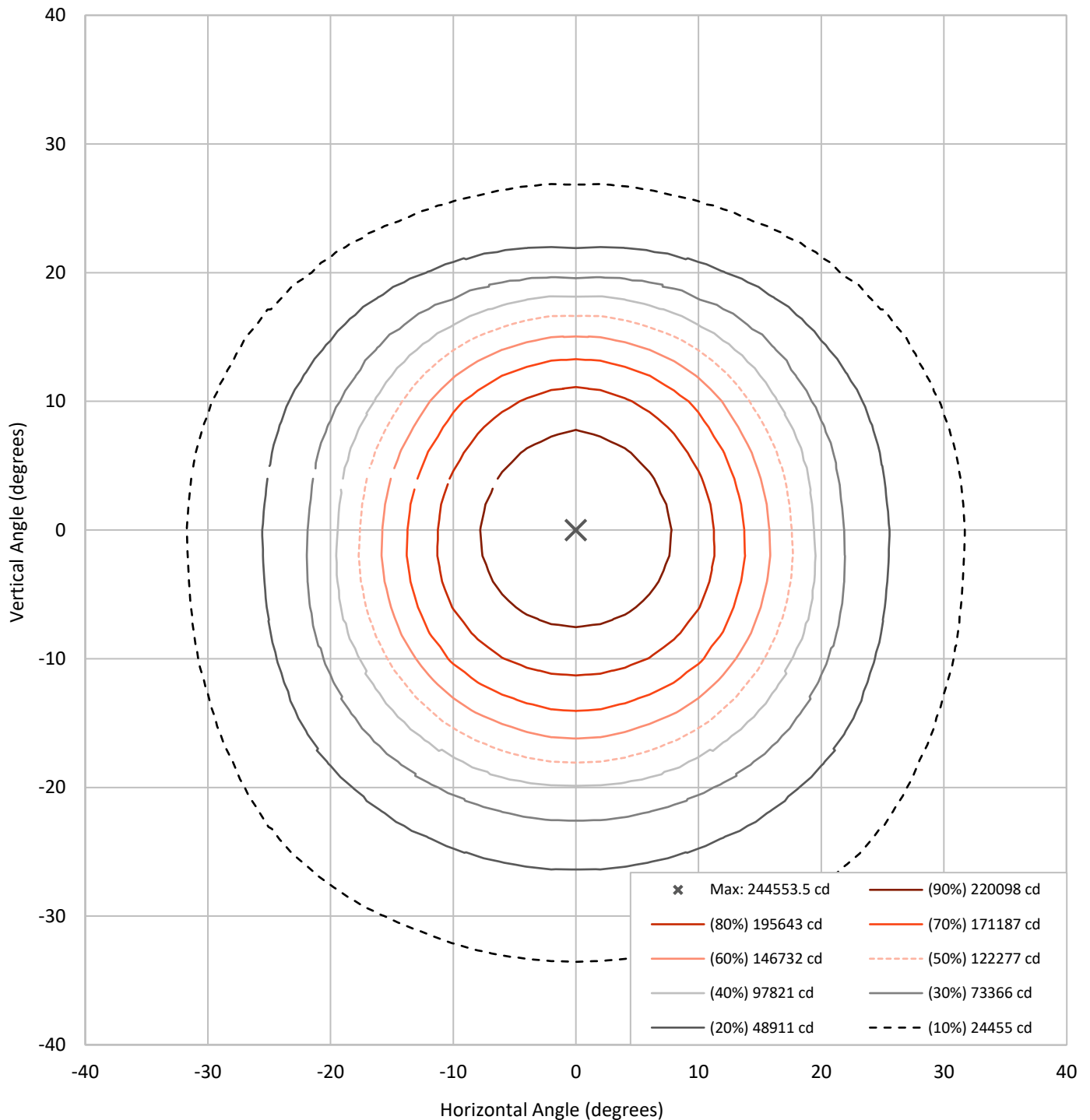
Test Method: LM-79-08
Report Number: P1305752 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-4)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680R-40-70-4S-VHE-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 4S BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	101445.6 lumens	Max Intensity:	244553.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	147.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	35.2°H x 34.7°V	Field Angle (10%):	63.4°H x 60.3°V
Beam Lumens:	54448.9 lumens	Field Lumens:	88604.7 lumens
Beam Efficiency:	53.7%	Field Efficiency:	87.3%
Input Watts (W):	688		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





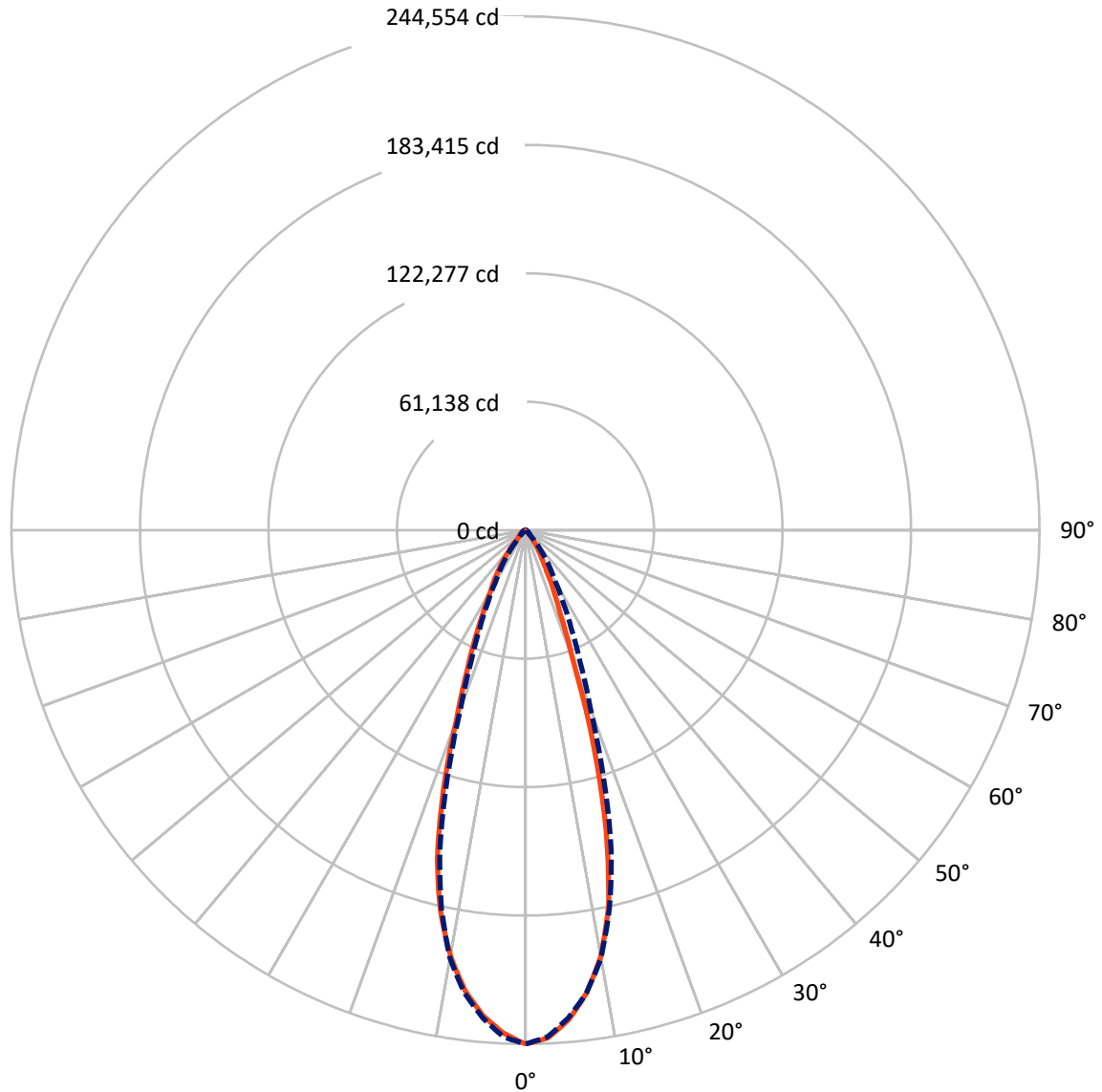
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Lumen Table

90	0.3	1.1		1.9		2.6		3.0		2.6		1.9		1.1		0.3			
80	0.3	1.1		1.9		2.6		3.0		2.6		1.9		1.1		0.3			
70	0.4	0.2	0.3	0.6	0.9	0.7	0.7	0.8	0.8	0.7	0.7	0.9	0.6	0.3	0.2	0.4			
60		0.5	0.8	1.4	1.3	1.0	1.2	1.4	1.4	1.2	1.0	1.3	1.4	0.8	0.5				
50	1.0	1.3	2.8	5.8	10.6	16.8	24.6	31.8	31.8	24.6	16.8	10.6	5.8	2.8	1.3	1.0			
40		3.0	9.7	18.4	30.3	70.0	156.6	253.7	253.7	156.6	70.0	30.3	18.4	9.7	3.0				
30	2.2	5.3	16.1	31.2	97.9	301.2	657.2	996.5	996.5	657.2	301.2	97.9	31.2	16.1	5.3	2.2			
20		7.2	21.1	49.9	254.8	845.1	2258.0	4012.3	4012.3	2258.0	845.1	254.8	49.9	21.1	7.2				
10	3.3	8.8	24.8	69.2	398.8	1387.1	4105.4	6574.0	6574.0	4105.4	1387.1	398.8	69.2	24.8	8.8	3.3			
0		9.9	27.5	77.4	427.5	1456.8	4304.0	6626.0	6626.0	4304.0	1456.8	427.5	77.4	27.5	9.9				
-10	3.7	10.1	29.1	71.2	341.2	1076.1	2709.2	4451.1	4451.1	2709.2	1076.1	341.2	71.2	29.1	10.1	3.7			
-20		9.5	29.0	61.1	187.7	597.7	1173.4	1694.5	1694.5	1173.4	597.7	187.7	61.1	29.0	9.5				
-30	3.5	8.1	26.1	51.1	90.2	221.8	446.8	617.7	617.7	446.8	221.8	90.2	51.1	26.1	8.1	3.5			
-40		6.3	19.6	40.9	64.5	89.5	122.1	156.3	156.3	122.1	89.5	64.5	40.9	19.6	6.3				
-50	3.0	4.7	12.2	26.6	45.9	61.9	74.7	83.8	83.8	74.7	61.9	45.9	26.6	12.2	4.7	3.0			
-60		3.5	7.2	13.5	23.0	32.6	41.5	47.4	47.4	41.5	32.6	23.0	13.5	7.2	3.5				
-70	2.2	4.7	12.2	26.6	45.9	61.9	74.7	83.8	83.8	74.7	61.9	45.9	26.6	12.2	4.7	2.2			
-80		3.5	7.2	13.5	23.0	32.6	41.5	47.4	47.4	41.5	32.6	23.0	13.5	7.2	3.5				
-90	2.2	12.8		29.0		46.9		57.5		46.9		29.0		12.8		2.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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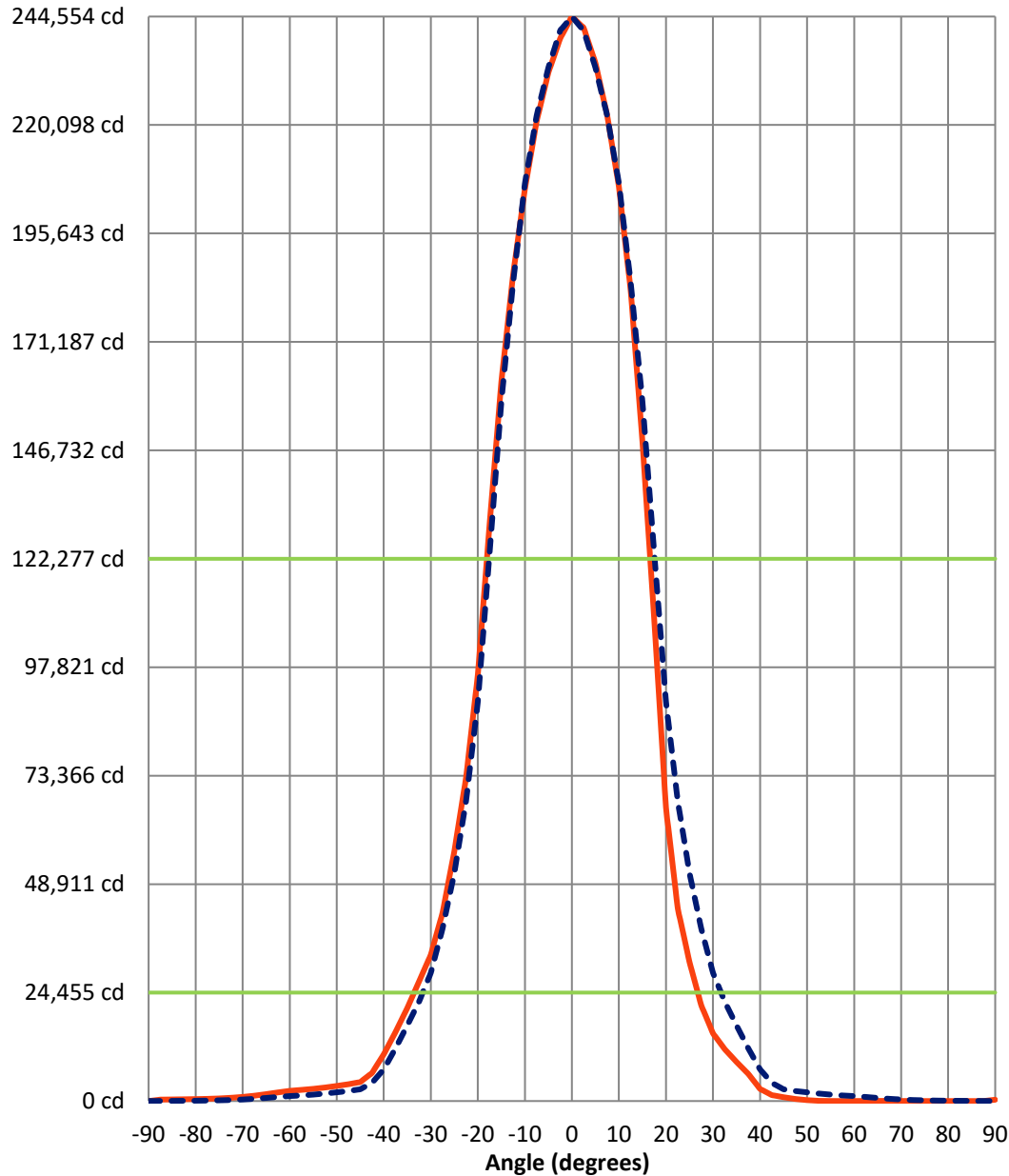
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 35.2°
V Angle: 34.7°
Lumens: 54448.9
Efficiency: 53.7%

Field:
H Angle: 63.4°
V Angle: 60.3°
Lumens: 88604.7
Efficiency: 87.3%

Spill:
Lumens: 12841
Efficiency: 12.7%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-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°	10.9	20.5	30.2	49.6	69.0	86.5	104.0	118.0	131.9	141.0	150.0
87.5°	10.9	9.9	8.7	8.8	8.9	8.9	8.8	8.3	7.7	7.8	7.8
85°	10.9	10.1	8.9	9.1	9.3	9.3	9.1	8.6	8.1	8.2	8.3
82.5°	10.9	10.3	9.2	9.4	9.7	9.7	9.5	9.0	8.6	8.8	8.8
80°	10.9	10.6	9.4	9.7	10.2	10.1	9.8	9.6	9.4	9.5	9.4
77.5°	10.9	10.8	9.6	10.1	10.6	10.5	10.5	10.4	10.3	10.2	9.8
75°	10.9	11.0	9.9	10.4	11.0	11.1	11.1	11.1	11.1	10.7	10.0
72.5°	10.9	11.2	10.2	10.7	11.4	11.6	11.7	11.8	11.6	11.1	10.2
70°	10.9	11.5	10.5	11.0	11.9	12.2	12.4	12.5	12.2	11.5	11.1
67.5°	10.9	11.7	10.8	11.5	12.3	12.7	13.2	13.2	12.8	12.5	12.2
65°	10.9	11.9	11.1	11.9	12.8	13.5	14.2	13.9	14.3	13.6	13.7
62.5°	10.9	12.2	11.5	12.4	13.4	14.6	15.2	15.5	15.9	15.1	16.4
60°	10.9	12.4	11.9	12.9	13.9	15.7	16.3	17.6	17.9	19.1	19.5
57.5°	10.9	12.7	12.5	13.4	15.2	17.0	18.6	19.9	22.2	23.8	26.4
55°	10.9	12.9	13.2	13.9	16.5	18.2	21.1	22.6	27.6	30.0	35.4
52.5°	10.9	13.2	14.0	14.5	17.9	19.8	23.8	27.9	33.3	40.5	45.2
50°	10.9	13.4	14.8	15.0	19.4	22.5	26.6	33.8	40.8	51.8	58.6
47.5°	10.9	13.7	15.6	15.7	20.9	25.4	29.9	39.9	51.9	63.8	73.7
45°	10.9	13.9	16.5	16.9	22.5	28.4	35.4	46.2	63.6	78.6	89.9
42.5°	10.9	14.2	17.4	18.2	24.2	31.5	41.0	55.2	75.9	94.2	115.9
40°	10.9	14.5	18.3	20.0	26.3	34.7	46.9	66.2	89.3	110.5	146.0
37.5°	10.9	14.7	19.3	22.1	28.9	38.1	53.1	77.4	104.9	131.7	178.6
35°	10.9	15.0	20.3	24.2	31.5	42.5	59.3	88.8	121.0	161.9	218.1
32.5°	10.9	15.2	21.4	26.4	34.0	47.5	66.4	100.2	137.8	192.8	263.2
30°	10.9	15.5	22.5	28.6	36.6	52.3	75.7	111.9	155.1	224.3	306.2
27.5°	10.9	15.7	23.6	30.8	40.2	57.1	84.7	124.6	174.1	256.3	347.0
25°	10.9	16.0	24.7	33.0	43.7	61.8	93.4	136.8	196.1	289.6	385.7
22.5°	10.9	16.2	25.8	35.2	47.2	66.6	101.8	148.3	216.6	315.5	425.4
20°	10.9	16.5	26.9	37.4	50.6	72.1	109.8	159.3	235.6	339.6	457.4
17.5°	10.9	16.7	28.0	39.5	53.9	77.5	118.2	169.5	253.2	362.0	487.4
15°	10.9	16.9	29.1	41.7	57.2	82.7	126.4	179.7	269.1	382.6	515.6
12.5°	10.9	17.2	30.2	43.8	60.3	87.7	134.2	190.1	285.2	401.2	541.8
10°	10.9	17.4	31.3	45.8	63.2	92.5	141.4	199.9	301.0	425.1	570.6
7.5°	10.9	17.6	32.3	47.8	66.1	97.0	148.1	208.9	315.3	448.8	607.5
5°	10.9	17.8	33.3	49.7	68.8	101.3	154.2	217.1	328.1	470.8	642.2
2.5°	10.9	17.9	34.2	51.5	71.4	105.2	159.7	224.5	339.1	490.7	674.2
0°	10.9	18.1	35.1	53.2	73.8	108.9	164.5	231.1	348.4	508.1	702.9
-2.5°	10.9	18.8	36.4	55.5	77.2	113.3	170.2	239.0	360.6	522.4	717.3
-5°	10.9	19.4	37.7	57.6	80.5	117.3	175.2	245.9	370.8	533.8	727.8
-7.5°	10.9	20.0	38.9	59.6	83.6	121.0	179.4	251.8	378.8	542.1	734.4
-10°	10.9	20.6	40.0	61.5	86.4	124.3	183.0	256.6	384.3	547.4	737.2
-12.5°	10.9	21.2	41.1	63.3	89.1	127.2	185.8	260.1	387.2	549.3	740.5
-15°	10.9	21.7	42.1	64.9	91.5	129.7	187.8	262.4	386.7	546.9	740.3
-17.5°	10.9	22.2	43.0	66.4	93.6	131.8	189.0	264.0	382.9	540.9	734.1
-20°	10.9	22.7	43.8	67.7	95.5	133.5	190.0	264.7	376.9	531.1	721.4



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 CATALOG NUMBER: EPH-08-680R-40-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	10.9	23.2	44.5	68.8	97.1	134.8	190.9	264.3	368.5	517.6	702.6
-25°	10.9	23.6	45.1	69.8	98.5	136.3	190.9	262.8	357.8	500.2	683.0
-27.5°	10.9	24.0	45.7	70.6	99.5	137.8	190.1	260.1	344.9	485.2	666.2
-30°	10.9	24.3	46.1	71.2	100.4	138.7	188.4	256.3	337.1	471.4	644.3
-32.5°	10.9	24.7	46.5	71.6	101.7	139.2	185.9	253.0	332.6	453.9	616.7
-35°	10.9	24.9	46.8	71.9	102.7	139.2	184.9	249.1	326.3	432.8	583.5
-37.5°	10.9	25.1	46.9	72.0	103.5	139.2	184.4	244.0	318.0	408.0	551.9
-40°	10.9	25.3	47.0	71.9	104.0	139.8	183.2	237.6	308.0	392.1	520.9
-42.5°	10.9	25.5	47.0	71.8	104.3	140.0	181.2	229.9	298.2	379.0	486.2
-45°	10.9	25.6	46.9	72.0	104.5	139.9	178.5	223.3	287.7	363.4	451.0
-47.5°	10.9	25.6	46.7	71.9	104.4	139.4	175.2	219.4	275.6	345.5	430.5
-50°	10.9	25.6	46.4	71.9	104.0	138.5	173.4	214.7	261.8	329.5	407.1
-52.5°	10.9	25.6	46.0	71.8	103.3	137.2	171.6	209.4	252.7	311.4	380.1
-55°	10.9	25.5	45.6	71.5	102.3	135.5	169.3	203.8	245.1	291.5	354.3
-57.5°	10.9	25.4	45.0	71.0	100.9	133.5	166.6	200.5	236.6	278.8	326.6
-60°	10.9	25.2	44.3	70.3	99.3	131.1	163.4	196.4	228.0	267.5	302.0
-62.5°	10.9	25.0	43.7	69.4	98.0	128.3	159.8	191.5	221.9	254.6	286.3
-65°	10.9	24.8	42.9	68.4	96.4	125.1	155.7	186.0	215.2	244.1	270.0
-67.5°	10.9	24.5	42.0	67.1	94.5	121.9	151.1	179.9	207.8	234.2	257.2
-70°	10.9	24.2	41.0	65.7	92.4	118.6	146.2	173.4	200.0	223.9	245.5
-72.5°	10.9	23.8	39.9	64.2	90.0	115.0	141.1	166.4	191.7	213.5	233.4
-75°	10.9	23.5	38.8	62.5	87.4	111.1	135.8	159.3	183.0	202.6	221.0
-77.5°	10.9	23.0	37.5	60.7	84.8	106.8	130.0	151.8	173.9	191.4	208.1
-80°	10.9	22.6	36.2	58.8	82.0	102.9	123.9	144.0	164.5	180.1	195.2
-82.5°	10.9	22.1	34.8	56.7	79.0	99.1	119.1	136.7	154.7	168.5	182.1
-85°	10.9	21.6	33.3	54.4	75.8	95.1	114.3	130.7	147.2	158.7	170.1
-87.5°	10.9	21.1	31.8	52.1	72.5	90.9	109.2	124.4	139.7	149.9	160.1
-90°	10.9	9.7	8.5	8.5	8.5	8.5	8.5	7.9	7.3	7.3	7.3



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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°	156.7	163.3	169.4	175.4	182.7	189.9	197.2	204.5	212.4	220.2	228.1
87.5°	7.2	6.7	6.7	6.7	6.2	5.6	5.2	4.8	4.8	4.8	4.7
85°	7.8	7.3	7.3	7.3	6.8	6.4	5.9	5.3	5.4	5.4	5.2
82.5°	8.4	7.9	7.7	7.3	7.2	7.2	6.7	6.2	6.1	6.0	5.7
80°	9.0	8.6	8.1	7.7	7.6	7.4	7.1	7.1	6.7	6.2	6.1
77.5°	9.2	8.6	8.4	8.3	8.1	7.5	7.3	7.3	7.1	7.1	6.8
75°	9.3	8.7	8.7	8.6	8.1	7.5	7.3	7.6	7.6	7.4	7.2
72.5°	9.8	9.5	9.1	8.8	8.5	8.2	8.1	8.4	9.1	9.7	10.3
70°	10.8	10.3	10.0	9.7	9.3	9.3	10.3	12.3	14.2	15.1	17.1
67.5°	11.9	11.6	11.3	11.0	11.1	12.0	13.4	17.8	21.7	24.4	27.3
65°	13.2	13.0	13.0	13.1	13.3	17.0	21.0	25.4	32.2	36.0	36.2
62.5°	14.7	16.6	15.8	16.9	20.4	24.3	30.4	38.3	46.9	50.4	48.2
60°	20.9	21.9	22.3	25.0	28.4	32.6	41.1	50.7	60.7	66.7	57.7
57.5°	28.8	30.1	32.4	34.0	37.7	40.2	50.2	61.9	68.3	72.2	62.0
55°	38.7	40.6	44.0	44.7	47.8	48.9	57.2	65.3	70.8	71.9	61.0
52.5°	51.3	53.4	58.2	59.0	59.2	60.2	61.3	70.2	74.6	73.3	63.3
50°	64.8	72.3	74.8	77.6	74.0	75.5	71.5	81.7	90.4	88.2	91.1
47.5°	84.7	94.1	97.9	102.9	100.3	108.6	105.5	125.1	131.9	171.0	179.7
45°	108.8	125.4	130.5	142.0	153.7	163.3	194.8	197.3	279.9	314.3	379.1
42.5°	137.7	163.6	184.7	189.0	245.2	275.1	318.9	390.9	463.3	529.6	573.7
40°	180.5	207.4	252.6	305.3	365.0	429.4	487.7	571.4	641.5	693.6	724.8
37.5°	229.3	280.4	342.1	437.2	517.8	583.4	649.8	722.0	788.0	833.8	893.5
35°	282.7	357.4	471.6	570.6	657.1	718.9	783.7	860.3	922.7	996.6	1070.2
32.5°	347.7	435.9	579.2	686.1	756.4	829.5	904.3	984.9	1074.2	1165.2	1259.5
30°	412.0	524.3	664.4	775.5	843.5	928.7	1019.6	1114.1	1231.2	1345.9	1473.3
27.5°	462.5	600.3	733.5	848.3	927.6	1028.4	1139.4	1262.7	1401.8	1542.1	1711.3
25°	507.7	656.7	803.1	924.8	1025.5	1137.3	1267.6	1415.7	1581.2	1778.5	2310.8
22.5°	551.7	711.7	879.9	1006.8	1120.0	1246.3	1403.4	1576.3	1771.1	2033.2	2974.6
20°	596.9	774.0	953.6	1075.0	1206.2	1347.9	1531.9	1732.5	1973.9	2593.2	3981.8
17.5°	643.4	838.2	1016.2	1134.8	1273.0	1445.8	1659.8	1886.0	2180.3	3117.5	5243.2
15°	688.7	898.8	1066.5	1187.7	1340.1	1541.1	1780.2	2057.3	2545.7	3849.3	6507.1
12.5°	732.1	953.2	1103.8	1233.2	1406.4	1631.0	1891.9	2202.9	2975.1	4836.9	7885.6
10°	772.8	1001.4	1136.3	1276.7	1471.1	1715.5	1991.9	2331.0	3350.0	5626.1	8977.0
7.5°	816.9	1042.7	1165.6	1317.9	1530.7	1792.8	2074.3	2429.7	3629.3	6231.2	9787.7
5°	857.0	1076.3	1199.6	1366.2	1590.0	1862.5	2144.9	2512.3	3819.9	6614.7	10350.3
2.5°	892.0	1103.1	1231.1	1412.1	1645.7	1923.6	2208.8	2595.0	3990.0	6939.0	11062.2
0°	921.9	1123.9	1259.4	1453.0	1693.8	1974.4	2261.2	2661.6	4103.7	7157.3	11887.8
-2.5°	940.1	1155.1	1306.7	1495.9	1733.5	2010.5	2308.5	2732.8	4218.9	7629.3	12202.2
-5°	953.2	1180.3	1349.0	1533.5	1765.6	2036.8	2343.0	2783.2	4268.5	7759.2	12110.6
-7.5°	960.9	1198.6	1385.3	1566.4	1794.3	2067.4	2397.6	2850.6	4291.0	7439.2	11591.6
-10°	964.9	1214.0	1409.1	1593.6	1820.9	2095.6	2440.2	2894.2	4198.8	7007.4	10994.5
-12.5°	975.2	1227.0	1428.0	1613.7	1838.6	2115.8	2473.3	2926.9	3988.8	6414.2	10173.9
-15°	977.9	1233.8	1443.8	1627.5	1857.1	2145.5	2498.4	2932.5	3685.6	5647.6	9126.1
-17.5°	972.5	1234.1	1454.8	1638.3	1866.4	2156.8	2506.4	2916.4	3459.1	5090.5	8071.8
-20°	958.3	1219.7	1458.1	1639.3	1862.9	2161.5	2510.3	2909.5	3403.8	4521.0	6793.4



REPORT NUMBER: P1305752 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	935.4	1196.9	1446.4	1637.6	1875.0	2163.4	2498.7	2866.4	3284.0	3834.0	5520.7
-25°	910.7	1164.5	1415.7	1643.4	1877.3	2153.4	2449.8	2787.4	3173.0	3603.2	4612.6
-27.5°	884.1	1126.7	1384.2	1636.1	1865.9	2115.6	2390.9	2707.4	3024.9	3372.4	3802.3
-30°	851.8	1085.7	1342.1	1609.6	1838.7	2072.1	2326.0	2581.8	2866.5	3179.2	3543.4
-32.5°	813.2	1037.4	1289.9	1554.1	1802.9	2021.6	2233.9	2463.7	2717.6	2993.4	3294.6
-35°	771.3	988.4	1228.6	1486.6	1759.2	1960.0	2144.5	2343.2	2568.2	2820.1	3099.9
-37.5°	728.7	931.9	1156.7	1408.3	1673.3	1883.6	2049.8	2235.2	2433.3	2649.1	2909.2
-40°	680.4	866.8	1081.7	1319.5	1554.5	1781.7	1964.4	2132.5	2306.6	2504.0	2716.4
-42.5°	628.4	803.5	999.7	1215.2	1428.6	1645.2	1874.0	2039.2	2195.0	2362.5	2548.8
-45°	585.0	733.5	910.9	1102.6	1295.0	1504.8	1725.6	1946.4	2088.6	2233.6	2392.3
-47.5°	534.7	662.6	824.9	984.6	1162.1	1359.9	1569.0	1773.8	1975.7	2116.8	2250.4
-50°	486.7	602.5	726.5	873.4	1031.6	1214.3	1405.8	1593.0	1782.3	1973.5	2125.8
-52.5°	453.6	538.2	645.7	761.8	908.1	1069.5	1237.5	1404.3	1582.1	1764.4	1940.0
-55°	418.0	490.5	567.1	665.7	786.1	929.9	1069.6	1219.1	1371.8	1540.0	1711.0
-57.5°	384.1	444.1	504.2	579.1	680.5	790.3	912.8	1035.6	1174.0	1314.8	1461.3
-60°	350.4	399.7	450.8	510.5	580.3	672.9	761.6	868.6	983.5	1099.3	1229.6
-62.5°	318.2	358.4	400.9	451.4	509.7	564.4	637.7	720.6	803.5	906.1	1011.6
-65°	299.3	321.6	355.1	398.9	444.2	492.7	540.3	591.1	663.2	739.7	814.7
-67.5°	279.2	299.8	320.7	347.7	387.5	425.2	463.5	508.2	554.2	603.8	658.3
-70°	264.1	278.5	297.0	318.3	339.0	361.9	396.0	431.5	466.9	505.5	548.3
-72.5°	249.9	263.3	277.2	292.1	310.3	327.7	345.6	364.8	392.7	426.7	458.4
-75°	235.5	247.9	260.5	273.7	287.3	300.5	314.6	331.8	351.1	371.9	391.3
-77.5°	221.0	232.4	243.9	255.2	267.6	280.4	292.5	304.9	320.0	336.0	351.4
-80°	206.5	216.7	227.4	237.9	248.8	259.9	270.6	281.0	294.0	307.8	321.4
-82.5°	192.4	202.0	211.2	220.5	229.9	239.1	248.8	258.5	270.4	282.5	294.1
-85°	178.7	187.2	195.0	202.8	211.5	220.0	228.3	236.5	247.4	258.3	268.3
-87.5°	167.8	175.3	182.0	188.5	196.2	203.8	211.0	218.1	227.4	236.8	245.3
-90°	6.7	6.0	6.0	6.0	5.4	4.8	4.8	4.8	4.8	4.8	4.2



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	235.9	241.4	246.8	250.5	254.1	259.6	265.0	272.9	280.7	287.4	294.0
87.5°	4.6	4.1	3.6	3.5	3.5	3.5	3.5	3.0	2.4	2.4	2.4
85°	4.8	4.6	4.5	4.5	4.6	4.1	3.6	3.5	3.5	3.5	3.6
82.5°	5.4	5.1	4.8	4.8	4.8	4.7	4.6	4.1	3.6	3.6	3.6
80°	6.0	5.7	5.4	5.2	4.9	4.8	4.8	4.3	3.7	3.6	3.6
77.5°	6.3	6.2	6.1	5.5	4.9	4.8	4.8	4.3	3.7	3.6	3.6
75°	7.2	7.1	6.9	6.7	6.6	6.8	7.1	7.0	6.6	6.3	5.9
72.5°	10.9	10.9	10.7	11.4	12.0	12.5	12.8	13.2	13.7	14.6	15.6
70°	19.3	20.8	20.8	20.8	20.7	20.1	19.4	19.2	19.4	19.7	20.1
67.5°	29.1	30.3	30.8	31.1	28.4	26.6	25.8	25.9	27.0	29.2	32.3
65°	37.1	34.8	32.8	30.7	30.9	30.8	29.3	28.7	29.6	31.0	32.5
62.5°	44.1	35.0	29.2	26.3	26.8	27.8	25.1	23.0	22.4	22.0	22.2
60°	47.4	33.0	23.2	19.7	17.6	16.6	14.8	12.6	12.0	11.8	12.1
57.5°	47.9	31.4	18.5	14.6	11.2	8.7	7.3	6.3	6.3	6.1	6.0
55°	46.4	31.8	17.9	16.4	15.1	13.8	12.0	11.6	11.0	10.9	11.6
52.5°	48.0	44.5	36.4	35.3	43.1	43.4	37.3	45.9	51.8	56.3	58.4
50°	94.9	91.2	115.3	115.2	139.5	160.4	154.3	166.4	187.5	205.8	217.0
47.5°	221.8	239.3	275.3	307.7	344.2	390.3	410.7	425.3	443.6	468.2	484.8
45°	413.2	456.4	503.2	555.6	616.7	670.8	702.2	732.5	752.5	774.4	800.3
42.5°	613.5	665.1	734.5	797.1	863.3	926.3	976.1	1019.9	1105.4	1227.3	1324.3
40°	785.0	843.7	924.3	1007.7	1085.6	1165.4	1385.1	1572.4	1805.7	2154.0	2462.7
37.5°	955.3	1023.1	1113.0	1215.3	1450.3	1688.3	2168.1	2686.4	3135.5	3639.0	4147.6
35°	1140.9	1230.0	1350.2	1694.3	2129.4	2763.6	3451.6	4221.4	4874.8	5578.0	6608.2
32.5°	1360.0	1515.6	1904.5	2529.9	3310.0	4210.9	5064.4	6032.1	6848.2	8140.0	9713.5
30°	1642.5	2130.4	2876.9	3740.5	4793.0	5933.4	7003.5	8570.9	10401.9	12022.9	13361.4
27.5°	2323.8	3266.2	4308.5	5402.9	6721.0	8102.8	10346.6	12375.2	14345.2	16095.5	18128.8
25°	3341.2	4853.0	6634.3	8101.5	9892.6	12389.9	14927.1	17161.2	20155.4	22788.9	25743.2
22.5°	4780.1	6932.9	9227.3	11369.4	14120.1	17247.8	20661.3	24777.8	28937.3	33557.6	37668.1
20°	6184.6	8908.4	11814.0	14897.7	18420.4	22331.0	27911.0	34591.5	41001.1	48280.3	54418.4
17.5°	8055.0	11347.6	14784.0	18703.9	23232.9	29249.4	37485.4	46620.1	56531.7	67401.5	77453.2
15°	9957.0	13504.1	17497.1	22514.1	28920.1	37097.1	47604.4	60039.4	74534.4	90513.5	109939.9
12.5°	11515.7	15394.5	20063.5	26386.1	34764.6	45699.9	58430.3	73399.2	93271.3	117372.2	139942.0
10°	12847.4	17498.4	23398.4	30881.1	40736.3	53081.2	67542.9	86075.5	112844.2	140764.1	165532.4
7.5°	14219.3	19721.4	25969.8	34082.8	45288.2	59300.8	77108.9	101309.9	130762.5	159399.0	182112.7
5°	15513.2	21237.3	27592.3	36260.3	48377.9	63427.5	83632.7	113109.6	145160.4	173208.1	194547.4
2.5°	16526.7	21999.8	28446.8	37881.8	50048.1	65670.2	87722.3	120406.2	154027.6	181669.9	203551.7
0°	17052.5	22413.3	28920.9	38896.0	51433.4	67728.6	90066.9	123626.3	157634.6	184553.2	206856.4
-2.5°	16936.2	22213.7	28627.4	38113.4	51116.8	68100.9	92016.3	125304.4	158255.8	185536.7	206556.2
-5°	16691.4	21899.3	28224.4	37151.6	49983.1	67164.8	89899.5	120503.6	152327.3	180311.3	200745.6
-7.5°	16235.4	21372.9	27420.7	35744.8	48104.2	64374.6	84890.5	111484.3	142013.8	170051.7	189833.8
-10°	15564.4	20559.6	26267.3	33837.9	44937.6	59881.7	77323.8	98091.7	126650.8	152864.7	174845.2
-12.5°	14610.8	19409.1	24667.1	31172.7	41113.0	54282.8	69319.6	86575.2	106986.6	132268.1	152871.5
-15°	13397.3	17910.0	22795.8	28934.1	37245.8	48036.5	60714.4	74100.7	89745.4	107196.8	127279.5
-17.5°	11908.0	16147.0	20696.9	25988.7	32710.7	41764.2	51792.9	62238.1	73530.6	86373.1	98171.8
-20°	10132.1	14009.4	18297.2	23219.3	28979.1	35518.6	42808.8	51252.9	60006.1	69172.1	77281.8



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8328.8	11865.9	15951.7	20255.6	25261.8	30253.4	35150.0	41428.4	48188.1	54823.8	60860.2
-25°	6516.8	9639.4	13438.3	17475.0	21493.1	25570.5	29546.1	33444.8	38309.0	42580.2	47010.7
-27.5°	5176.2	7512.1	10702.1	14224.8	17726.1	21128.3	24565.6	27822.2	30889.7	33469.2	36456.2
-30°	4070.8	5647.5	8111.8	10883.9	13947.5	16945.1	19907.1	22658.1	25073.7	27197.6	29271.8
-32.5°	3680.5	4324.3	5788.8	7895.4	10312.3	12942.1	15418.0	17780.9	19772.4	21746.1	23604.6
-35°	3404.6	3759.1	4237.9	5553.8	7127.8	9220.7	11161.4	13122.5	14794.9	16766.2	18290.3
-37.5°	3178.5	3451.5	3754.2	4064.6	5021.8	6069.7	7467.0	8936.9	10229.1	11882.6	13228.2
-40°	2959.6	3201.3	3437.9	3673.9	3928.4	4162.3	4994.0	5752.0	6628.5	7759.7	8727.5
-42.5°	2748.0	2960.8	3165.7	3357.5	3535.4	3688.9	3856.2	4016.6	4490.0	5066.5	5509.3
-45°	2558.0	2739.0	2910.4	3072.6	3208.2	3331.1	3460.0	3594.2	3770.2	3930.1	4062.2
-47.5°	2396.5	2539.5	2680.1	2812.2	2916.3	3021.2	3123.8	3239.7	3376.7	3511.0	3623.3
-50°	2250.4	2374.2	2480.8	2574.4	2661.0	2749.7	2831.5	2934.4	3044.7	3155.7	3248.6
-52.5°	2110.5	2220.6	2309.7	2380.9	2446.9	2519.3	2589.6	2671.7	2761.2	2854.6	2928.4
-55°	1875.3	2015.3	2144.7	2211.6	2263.3	2323.0	2382.6	2449.0	2524.6	2603.1	2661.6
-57.5°	1615.4	1753.5	1875.5	1962.3	2048.1	2135.6	2201.2	2253.2	2321.6	2388.6	2439.1
-60°	1354.4	1470.3	1577.9	1665.8	1755.2	1842.9	1916.6	1984.4	2069.0	2145.8	2208.3
-62.5°	1111.5	1212.8	1295.9	1367.0	1443.2	1519.4	1589.6	1656.6	1733.4	1802.3	1860.9
-65°	890.6	975.6	1037.1	1093.0	1153.6	1216.7	1272.4	1327.8	1389.5	1444.8	1492.8
-67.5°	720.2	776.5	814.9	850.4	898.5	947.6	991.2	1035.4	1082.5	1124.4	1160.8
-70°	589.6	624.7	648.4	675.6	709.9	741.3	769.9	802.2	836.9	868.9	897.9
-72.5°	488.8	512.9	530.6	552.4	574.1	594.0	612.2	635.4	660.6	685.4	708.9
-75°	409.4	425.1	442.0	457.7	472.6	487.1	500.5	519.1	538.6	557.1	575.0
-77.5°	367.4	379.0	388.5	397.2	405.4	414.7	424.0	439.7	456.7	471.1	484.6
-80°	334.7	343.8	351.7	358.4	364.5	372.2	379.9	392.7	406.1	418.2	429.9
-82.5°	305.5	313.3	320.5	326.7	332.5	339.1	345.6	356.9	368.4	378.7	388.8
-85°	278.2	284.9	291.4	296.8	302.2	308.3	314.3	324.1	333.9	343.1	352.1
-87.5°	253.7	259.7	265.6	269.7	273.7	279.6	285.4	294.1	302.9	310.9	319.0
-90°	3.6	3.6	3.6	3.0	2.4	2.4	2.4	2.4	2.4	1.8	1.2



REPORT NUMBER: P1305752 (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°
90°	297.6	301.2	301.9	302.5	301.9	301.2	297.6	294.0	287.4	280.7	272.9
87.5°	1.8	1.2	1.8	2.4	1.8	1.2	1.8	2.4	2.4	2.4	3.0
85°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5
82.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	4.1
80°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.7	4.3
77.5°	3.1	2.5	3.0	3.6	3.0	2.5	3.1	3.6	3.6	3.7	4.3
75°	5.3	4.8	4.2	3.6	4.2	4.8	5.3	5.9	6.3	6.6	7.0
72.5°	16.2	16.6	17.4	18.1	17.4	16.6	16.2	15.6	14.6	13.7	13.2
70°	19.4	18.2	18.1	18.1	18.1	18.2	19.4	20.1	19.7	19.4	19.2
67.5°	34.7	36.6	37.3	37.5	37.3	36.6	34.7	32.3	29.2	27.0	25.9
65°	33.8	35.0	35.1	35.1	35.1	35.0	33.8	32.5	31.0	29.6	28.7
62.5°	22.6	23.2	23.7	24.2	23.7	23.2	22.6	22.2	22.0	22.4	23.0
60°	12.6	13.4	13.9	14.5	13.9	13.4	12.6	12.1	11.8	12.0	12.6
57.5°	5.9	6.2	6.6	7.3	6.6	6.2	5.9	6.0	6.1	6.3	6.3
55°	12.2	12.8	13.2	13.3	13.2	12.8	12.2	11.6	10.9	11.0	11.6
52.5°	57.3	54.6	52.4	50.8	52.4	54.6	57.3	58.4	56.3	51.8	45.9
50°	221.7	216.3	210.2	204.5	210.2	216.3	221.7	217.0	205.8	187.5	166.4
47.5°	494.6	490.2	481.2	469.4	481.2	490.2	494.6	484.8	468.2	443.6	425.3
45°	835.9	860.2	871.0	865.0	871.0	860.2	835.9	800.3	774.4	752.5	732.5
42.5°	1357.3	1378.7	1380.6	1349.0	1380.6	1378.7	1357.3	1324.3	1227.3	1105.4	1019.9
40°	2686.0	2872.1	2935.9	2743.9	2935.9	2872.1	2686.0	2462.7	2154.0	1805.7	1572.4
37.5°	4760.6	5491.9	6101.9	6125.4	6101.9	5491.9	4760.6	4147.6	3639.0	3135.5	2686.4
35°	7715.3	8467.7	8831.5	8816.0	8831.5	8467.7	7715.3	6608.2	5578.0	4874.8	4221.4
32.5°	10844.0	11414.0	11778.3	11690.6	11778.3	11414.0	10844.0	9713.5	8140.0	6848.2	6032.1
30°	14317.4	14846.3	15270.8	15264.4	15270.8	14846.3	14317.4	13361.4	12022.9	10401.9	8570.9
27.5°	19784.0	20873.8	21739.9	21593.0	21739.9	20873.8	19784.0	18128.8	16095.5	14345.2	12375.2
25°	28235.1	30228.5	31637.9	31347.9	31637.9	30228.5	28235.1	25743.2	22788.9	20155.4	17161.2
22.5°	40719.7	43276.9	44346.1	43498.2	44346.1	43276.9	40719.7	37668.1	33557.6	28937.3	24777.8
20°	60266.0	65007.2	67954.6	66197.0	67954.6	65007.2	60266.0	54418.4	48280.3	41001.1	34591.5
17.5°	90463.0	100748.3	108875.1	108651.0	108875.1	100748.3	90463.0	77453.2	67401.5	56531.7	46620.1
15°	126853.3	138560.1	147574.2	148616.5	147574.2	138560.1	126853.3	109939.9	90513.5	74534.4	60039.4
12.5°	159437.1	171342.9	180164.0	182702.2	180164.0	171342.9	159437.1	139942.0	117372.2	93271.3	73399.2
10°	182659.4	194540.5	203078.6	206089.4	203078.6	194540.5	182659.4	165532.4	140764.1	112844.2	86075.5
7.5°	199695.1	212585.0	218985.1	222256.4	218985.1	212585.0	199695.1	182112.7	159399.0	130762.5	101309.9
5°	211953.2	223932.9	230124.5	234088.5	230124.5	223932.9	211953.2	194547.4	173208.1	145160.4	113109.6
2.5°	219680.7	230990.5	238425.8	241981.4	238425.8	230990.5	219680.7	203551.7	181669.9	154027.6	120406.2
0°	222174.7	233032.3	241366.2	244553.5	241366.2	233032.3	222174.7	206856.4	184553.2	157634.6	123626.3
-2.5°	221014.6	231650.5	238297.4	239585.9	238297.4	231650.5	221014.6	206556.2	185536.7	158255.8	125304.4
-5°	214977.4	224780.3	230917.9	231926.5	230917.9	224780.3	214977.4	200745.6	180311.3	152327.3	120503.6
-7.5°	204569.6	214348.3	219421.5	220915.2	219421.5	214348.3	204569.6	189833.8	170051.7	142013.8	111484.3
-10°	189479.2	198926.5	204348.5	205634.5	204348.5	198926.5	189479.2	174845.2	152864.7	126650.8	98091.7
-12.5°	168887.9	178966.3	185034.7	186371.7	185034.7	178966.3	168887.9	152871.5	132268.1	106986.6	86575.2
-15°	142187.1	152554.1	160300.9	162175.1	160300.9	152554.1	142187.1	127279.5	107196.8	89745.4	74100.7
-17.5°	111409.1	121783.2	128744.5	130073.5	128744.5	121783.2	111409.1	98171.8	86373.1	73530.6	62238.1
-20°	84901.1	91573.1	95502.0	96186.2	95502.0	91573.1	84901.1	77281.8	69172.1	60006.1	51252.9



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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°	65793.2	70277.5	72669.5	73007.1	72669.5	70277.5	65793.2	60860.2	54823.8	48188.1	41428.4
-25°	50983.5	54241.6	56023.3	56319.9	56023.3	54241.6	50983.5	47010.7	42580.2	38309.0	33444.8
-27.5°	39146.5	41170.6	42828.3	42483.1	42828.3	41170.6	39146.5	36456.2	33469.2	30889.7	27822.2
-30°	30976.0	32274.2	33253.3	32996.9	33253.3	32274.2	30976.0	29271.8	27197.6	25073.7	22658.1
-32.5°	25071.0	26088.0	26776.4	26959.8	26776.4	26088.0	25071.0	23604.6	21746.1	19772.4	17780.9
-35°	19486.4	20317.5	20794.4	20979.6	20794.4	20317.5	19486.4	18290.3	16766.2	14794.9	13122.5
-37.5°	14227.0	14956.0	15411.1	15569.3	15411.1	14956.0	14227.0	13228.2	11882.6	10229.1	8936.9
-40°	9468.5	10030.2	10403.0	10547.3	10403.0	10030.2	9468.5	8727.5	7759.7	6628.5	5752.0
-42.5°	5854.3	6117.2	6283.7	6335.9	6283.7	6117.2	5854.3	5509.3	5066.5	4490.0	4016.6
-45°	4164.2	4236.9	4278.5	4286.4	4278.5	4236.9	4164.2	4062.2	3930.1	3770.2	3594.2
-47.5°	3711.0	3768.2	3797.5	3798.9	3797.5	3768.2	3711.0	3623.3	3511.0	3376.7	3239.7
-50°	3325.3	3378.3	3405.1	3406.9	3405.1	3378.3	3325.3	3248.6	3155.7	3044.7	2934.4
-52.5°	2988.9	3031.2	3050.8	3051.2	3050.8	3031.2	2988.9	2928.4	2854.6	2761.2	2671.7
-55°	2709.7	2742.5	2754.7	2752.4	2754.7	2742.5	2709.7	2661.6	2603.1	2524.6	2449.0
-57.5°	2481.2	2513.4	2523.5	2520.1	2523.5	2513.4	2481.2	2439.1	2388.6	2321.6	2253.2
-60°	2257.1	2291.6	2304.5	2303.5	2304.5	2291.6	2257.1	2208.3	2145.8	2069.0	1984.4
-62.5°	1902.8	1929.2	1943.4	1947.8	1943.4	1929.2	1902.8	1860.9	1802.3	1733.4	1656.6
-65°	1525.8	1547.0	1558.3	1561.9	1558.3	1547.0	1525.8	1492.8	1444.8	1389.5	1327.8
-67.5°	1184.3	1199.5	1206.8	1208.6	1206.8	1199.5	1184.3	1160.8	1124.4	1082.5	1035.4
-70°	915.9	928.4	934.2	936.4	934.2	928.4	915.9	897.9	868.9	836.9	802.2
-72.5°	722.4	732.3	736.4	738.0	736.4	732.3	722.4	708.9	685.4	660.6	635.4
-75°	583.4	589.2	591.6	592.8	591.6	589.2	583.4	575.0	557.1	538.6	519.1
-77.5°	492.0	498.3	500.6	502.1	500.6	498.3	492.0	484.6	471.1	456.7	439.7
-80°	435.2	439.7	441.4	442.8	441.4	439.7	435.2	429.9	418.2	406.1	392.7
-82.5°	395.1	401.1	401.6	401.7	401.6	401.1	395.1	388.8	378.7	368.4	356.9
-85°	356.9	361.4	362.2	362.9	362.2	361.4	356.9	352.1	343.1	333.9	324.1
-87.5°	323.4	327.8	327.9	327.9	327.9	327.8	323.4	319.0	310.9	302.9	294.1
-90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.8	2.4	2.4



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	265.0	259.6	254.1	250.5	246.8	241.4	235.9	228.1	220.2	212.4	204.5
87.5°	3.5	3.5	3.5	3.5	3.6	4.1	4.6	4.7	4.8	4.8	4.8
85°	3.6	4.1	4.6	4.5	4.5	4.6	4.8	5.2	5.4	5.4	5.3
82.5°	4.6	4.7	4.8	4.8	4.8	5.1	5.4	5.7	6.0	6.1	6.2
80°	4.8	4.8	4.9	5.2	5.4	5.7	6.0	6.1	6.2	6.7	7.1
77.5°	4.8	4.8	4.9	5.5	6.1	6.2	6.3	6.8	7.1	7.1	7.3
75°	7.1	6.8	6.6	6.7	6.9	7.1	7.2	7.2	7.4	7.6	7.6
72.5°	12.8	12.5	12.0	11.4	10.7	10.9	10.9	10.3	9.7	9.1	8.4
70°	19.4	20.1	20.7	20.8	20.8	20.8	19.3	17.1	15.1	14.2	12.3
67.5°	25.8	26.6	28.4	31.1	30.8	30.3	29.1	27.3	24.4	21.7	17.8
65°	29.3	30.8	30.9	30.7	32.8	34.8	37.1	36.2	36.0	32.2	25.4
62.5°	25.1	27.8	26.8	26.3	29.2	35.0	44.1	48.2	50.4	46.9	38.3
60°	14.8	16.6	17.6	19.7	23.2	33.0	47.4	57.7	66.7	60.7	50.7
57.5°	7.3	8.7	11.2	14.6	18.5	31.4	47.9	62.0	72.2	68.3	61.9
55°	12.0	13.8	15.1	16.4	17.9	31.8	46.4	61.0	71.9	70.8	65.3
52.5°	37.3	43.4	43.1	35.3	36.4	44.5	48.0	63.3	73.3	74.6	70.2
50°	154.3	160.4	139.5	115.2	115.3	91.2	94.9	91.1	88.2	90.4	81.7
47.5°	410.7	390.3	344.2	307.7	275.3	239.3	221.8	179.7	171.0	131.9	125.1
45°	702.2	670.8	616.7	555.6	503.2	456.4	413.2	379.1	314.3	279.9	197.3
42.5°	976.1	926.3	863.3	797.1	734.5	665.1	613.5	573.7	529.6	463.3	390.9
40°	1385.1	1165.4	1085.6	1007.7	924.3	843.7	785.0	724.8	693.6	641.5	571.4
37.5°	2168.1	1688.3	1450.3	1215.3	1113.0	1023.1	955.3	893.5	833.8	788.0	722.0
35°	3451.6	2763.6	2129.4	1694.3	1350.2	1230.0	1140.9	1070.2	996.6	922.7	860.3
32.5°	5064.4	4210.9	3310.0	2529.9	1904.5	1515.6	1360.0	1259.5	1165.2	1074.2	984.9
30°	7003.5	5933.4	4793.0	3740.5	2876.9	2130.4	1642.5	1473.3	1345.9	1231.2	1114.1
27.5°	10346.6	8102.8	6721.0	5402.9	4308.5	3266.2	2323.8	1711.3	1542.1	1401.8	1262.7
25°	14927.1	12389.9	9892.6	8101.5	6634.3	4853.0	3341.2	2310.8	1778.5	1581.2	1415.7
22.5°	20661.3	17247.8	14120.1	11369.4	9227.3	6932.9	4780.1	2974.6	2033.2	1771.1	1576.3
20°	27911.0	22331.0	18420.4	14897.7	11814.0	8908.4	6184.6	3981.8	2593.2	1973.9	1732.5
17.5°	37485.4	29249.4	23232.9	18703.9	14784.0	11347.6	8055.0	5243.2	3117.5	2180.3	1886.0
15°	47604.4	37097.1	28920.1	22514.1	17497.1	13504.1	9957.0	6507.1	3849.3	2545.7	2057.3
12.5°	58430.3	45699.9	34764.6	26386.1	20063.5	15394.5	11515.7	7885.6	4836.9	2975.1	2202.9
10°	67542.9	53081.2	40736.3	30881.1	23398.4	17498.4	12847.4	8977.0	5626.1	3350.0	2331.0
7.5°	77108.9	59300.8	45288.2	34082.8	25969.8	19721.4	14219.3	9787.7	6231.2	3629.3	2429.7
5°	83632.7	63427.5	48377.9	36260.3	27592.3	21237.3	15513.2	10350.3	6614.7	3819.9	2512.3
2.5°	87722.3	65670.2	50048.1	37881.8	28446.8	21999.8	16526.7	11062.2	6939.0	3990.0	2595.0
0°	90066.9	67728.6	51433.4	38896.0	28920.9	22413.3	17052.5	11887.8	7157.3	4103.7	2661.6
-2.5°	92016.3	68100.9	51116.8	38113.4	28627.4	22213.7	16936.2	12202.2	7629.3	4218.9	2732.8
-5°	89899.5	67164.8	49983.1	37151.6	28224.4	21899.3	16691.4	12110.6	7759.2	4268.5	2783.2
-7.5°	84890.5	64374.6	48104.2	35744.8	27420.7	21372.9	16235.4	11591.6	7439.2	4291.0	2850.6
-10°	77323.8	59881.7	44937.6	33837.9	26267.3	20559.6	15564.4	10994.5	7007.4	4198.8	2894.2
-12.5°	69319.6	54282.8	41113.0	31172.7	24667.1	19409.1	14610.8	10173.9	6414.2	3988.8	2926.9
-15°	60714.4	48036.5	37245.8	28934.1	22795.8	17910.0	13397.3	9126.1	5647.6	3685.6	2932.5
-17.5°	51792.9	41764.2	32710.7	25988.7	20696.9	16147.0	11908.0	8071.8	5090.5	3459.1	2916.4
-20°	42808.8	35518.6	28979.1	23219.3	18297.2	14009.4	10132.1	6793.4	4521.0	3403.8	2909.5



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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°	35150.0	30253.4	25261.8	20255.6	15951.7	11865.9	8328.8	5520.7	3834.0	3284.0	2866.4
-25°	29546.1	25570.5	21493.1	17475.0	13438.3	9639.4	6516.8	4612.6	3603.2	3173.0	2787.4
-27.5°	24565.6	21128.3	17726.1	14224.8	10702.1	7512.1	5176.2	3802.3	3372.4	3024.9	2707.4
-30°	19907.1	16945.1	13947.5	10883.9	8111.8	5647.5	4070.8	3543.4	3179.2	2866.5	2581.8
-32.5°	15418.0	12942.1	10312.3	7895.4	5788.8	4324.3	3680.5	3294.6	2993.4	2717.6	2463.7
-35°	11161.4	9220.7	7127.8	5553.8	4237.9	3759.1	3404.6	3099.9	2820.1	2568.2	2343.2
-37.5°	7467.0	6069.7	5021.8	4064.6	3754.2	3451.5	3178.5	2909.2	2649.1	2433.3	2235.2
-40°	4994.0	4162.3	3928.4	3673.9	3437.9	3201.3	2959.6	2716.4	2504.0	2306.6	2132.5
-42.5°	3856.2	3688.9	3535.4	3357.5	3165.7	2960.8	2748.0	2548.8	2362.5	2195.0	2039.2
-45°	3460.0	3331.1	3208.2	3072.6	2910.4	2739.0	2558.0	2392.3	2233.6	2088.6	1946.4
-47.5°	3123.8	3021.2	2916.3	2812.2	2680.1	2539.5	2396.5	2250.4	2116.8	1975.7	1773.8
-50°	2831.5	2749.7	2661.0	2574.4	2480.8	2374.2	2250.4	2125.8	1973.5	1782.3	1593.0
-52.5°	2589.6	2519.3	2446.9	2380.9	2309.7	2220.6	2110.5	1940.0	1764.4	1582.1	1404.3
-55°	2382.6	2323.0	2263.3	2211.6	2144.7	2015.3	1875.3	1711.0	1540.0	1371.8	1219.1
-57.5°	2201.2	2135.6	2048.1	1962.3	1875.5	1753.5	1615.4	1461.3	1314.8	1174.0	1035.6
-60°	1916.6	1842.9	1755.2	1665.8	1577.9	1470.3	1354.4	1229.6	1099.3	983.5	868.6
-62.5°	1589.6	1519.4	1443.2	1367.0	1295.9	1212.8	1111.5	1011.6	906.1	803.5	720.6
-65°	1272.4	1216.7	1153.6	1093.0	1037.1	975.6	890.6	814.7	739.7	663.2	591.1
-67.5°	991.2	947.6	898.5	850.4	814.9	776.5	720.2	658.3	603.8	554.2	508.2
-70°	769.9	741.3	709.9	675.6	648.4	624.7	589.6	548.3	505.5	466.9	431.5
-72.5°	612.2	594.0	574.1	552.4	530.6	512.9	488.8	458.4	426.7	392.7	364.8
-75°	500.5	487.1	472.6	457.7	442.0	425.1	409.4	391.3	371.9	351.1	331.8
-77.5°	424.0	414.7	405.4	397.2	388.5	379.0	367.4	351.4	336.0	320.0	304.9
-80°	379.9	372.2	364.5	358.4	351.7	343.8	334.7	321.4	307.8	294.0	281.0
-82.5°	345.6	339.1	332.5	326.7	320.5	313.3	305.5	294.1	282.5	270.4	258.5
-85°	314.3	308.3	302.2	296.8	291.4	284.9	278.2	268.3	258.3	247.4	236.5
-87.5°	285.4	279.6	273.7	269.7	265.6	259.7	253.7	245.3	236.8	227.4	218.1
-90°	2.4	2.4	2.4	3.0	3.6	3.6	3.6	4.2	4.8	4.8	4.8



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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°	197.2	189.9	182.7	175.4	169.4	163.3	156.7	150.0	141.0	131.9	118.0
87.5°	5.2	5.6	6.2	6.7	6.7	6.7	7.2	7.8	7.8	7.7	8.3
85°	5.9	6.4	6.8	7.3	7.3	7.3	7.8	8.3	8.2	8.1	8.6
82.5°	6.7	7.2	7.2	7.3	7.7	7.9	8.4	8.8	8.8	8.6	9.0
80°	7.1	7.4	7.6	7.7	8.1	8.6	9.0	9.4	9.5	9.4	9.6
77.5°	7.3	7.5	8.1	8.3	8.4	8.6	9.2	9.8	10.2	10.3	10.4
75°	7.3	7.5	8.1	8.6	8.7	8.7	9.3	10.0	10.7	11.1	11.1
72.5°	8.1	8.2	8.5	8.8	9.1	9.5	9.8	10.2	11.1	11.6	11.8
70°	10.3	9.3	9.3	9.7	10.0	10.3	10.8	11.1	11.5	12.2	12.5
67.5°	13.4	12.0	11.1	11.0	11.3	11.6	11.9	12.2	12.5	12.8	13.2
65°	21.0	17.0	13.3	13.1	13.0	13.0	13.2	13.7	13.6	14.3	13.9
62.5°	30.4	24.3	20.4	16.9	15.8	16.6	14.7	16.4	15.1	15.9	15.5
60°	41.1	32.6	28.4	25.0	22.3	21.9	20.9	19.5	19.1	17.9	17.6
57.5°	50.2	40.2	37.7	34.0	32.4	30.1	28.8	26.4	23.8	22.2	19.9
55°	57.2	48.9	47.8	44.7	44.0	40.6	38.7	35.4	30.0	27.6	22.6
52.5°	61.3	60.2	59.2	59.0	58.2	53.4	51.3	45.2	40.5	33.3	27.9
50°	71.5	75.5	74.0	77.6	74.8	72.3	64.8	58.6	51.8	40.8	33.8
47.5°	105.5	108.6	100.3	102.9	97.9	94.1	84.7	73.7	63.8	51.9	39.9
45°	194.8	163.3	153.7	142.0	130.5	125.4	108.8	89.9	78.6	63.6	46.2
42.5°	318.9	275.1	245.2	189.0	184.7	163.6	137.7	115.9	94.2	75.9	55.2
40°	487.7	429.4	365.0	305.3	252.6	207.4	180.5	146.0	110.5	89.3	66.2
37.5°	649.8	583.4	517.8	437.2	342.1	280.4	229.3	178.6	131.7	104.9	77.4
35°	783.7	718.9	657.1	570.6	471.6	357.4	282.7	218.1	161.9	121.0	88.8
32.5°	904.3	829.5	756.4	686.1	579.2	435.9	347.7	263.2	192.8	137.8	100.2
30°	1019.6	928.7	843.5	775.5	664.4	524.3	412.0	306.2	224.3	155.1	111.9
27.5°	1139.4	1028.4	927.6	848.3	733.5	600.3	462.5	347.0	256.3	174.1	124.6
25°	1267.6	1137.3	1025.5	924.8	803.1	656.7	507.7	385.7	289.6	196.1	136.8
22.5°	1403.4	1246.3	1120.0	1006.8	879.9	711.7	551.7	425.4	315.5	216.6	148.3
20°	1531.9	1347.9	1206.2	1075.0	953.6	774.0	596.9	457.4	339.6	235.6	159.3
17.5°	1659.8	1445.8	1273.0	1134.8	1016.2	838.2	643.4	487.4	362.0	253.2	169.5
15°	1780.2	1541.1	1340.1	1187.7	1066.5	898.8	688.7	515.6	382.6	269.1	179.7
12.5°	1891.9	1631.0	1406.4	1233.2	1103.8	953.2	732.1	541.8	401.2	285.2	190.1
10°	1991.9	1715.5	1471.1	1276.7	1136.3	1001.4	772.8	570.6	425.1	301.0	199.9
7.5°	2074.3	1792.8	1530.7	1317.9	1165.6	1042.7	816.9	607.5	448.8	315.3	208.9
5°	2144.9	1862.5	1590.0	1366.2	1199.6	1076.3	857.0	642.2	470.8	328.1	217.1
2.5°	2208.8	1923.6	1645.7	1412.1	1231.1	1103.1	892.0	674.2	490.7	339.1	224.5
0°	2261.2	1974.4	1693.8	1453.0	1259.4	1123.9	921.9	702.9	508.1	348.4	231.1
-2.5°	2308.5	2010.5	1733.5	1495.9	1306.7	1155.1	940.1	717.3	522.4	360.6	239.0
-5°	2343.0	2036.8	1765.6	1533.5	1349.0	1180.3	953.2	727.8	533.8	370.8	245.9
-7.5°	2397.6	2067.4	1794.3	1566.4	1385.3	1198.6	960.9	734.4	542.1	378.8	251.8
-10°	2440.2	2095.6	1820.9	1593.6	1409.1	1214.0	964.9	737.2	547.4	384.3	256.6
-12.5°	2473.3	2115.8	1838.6	1613.7	1428.0	1227.0	975.2	740.5	549.3	387.2	260.1
-15°	2498.4	2145.5	1857.1	1627.5	1443.8	1233.8	977.9	740.3	546.9	386.7	262.4
-17.5°	2506.4	2156.8	1866.4	1638.3	1454.8	1234.1	972.5	734.1	540.9	382.9	264.0
-20°	2510.3	2161.5	1862.9	1639.3	1458.1	1219.7	958.3	721.4	531.1	376.9	264.7



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2498.7	2163.4	1875.0	1637.6	1446.4	1196.9	935.4	702.6	517.6	368.5	264.3
-25°	2449.8	2153.4	1877.3	1643.4	1415.7	1164.5	910.7	683.0	500.2	357.8	262.8
-27.5°	2390.9	2115.6	1865.9	1636.1	1384.2	1126.7	884.1	666.2	485.2	344.9	260.1
-30°	2326.0	2072.1	1838.7	1609.6	1342.1	1085.7	851.8	644.3	471.4	337.1	256.3
-32.5°	2233.9	2021.6	1802.9	1554.1	1289.9	1037.4	813.2	616.7	453.9	332.6	253.0
-35°	2144.5	1960.0	1759.2	1486.6	1228.6	988.4	771.3	583.5	432.8	326.3	249.1
-37.5°	2049.8	1883.6	1673.3	1408.3	1156.7	931.9	728.7	551.9	408.0	318.0	244.0
-40°	1964.4	1781.7	1554.5	1319.5	1081.7	866.8	680.4	520.9	392.1	308.0	237.6
-42.5°	1874.0	1645.2	1428.6	1215.2	999.7	803.5	628.4	486.2	379.0	298.2	229.9
-45°	1725.6	1504.8	1295.0	1102.6	910.9	733.5	585.0	451.0	363.4	287.7	223.3
-47.5°	1569.0	1359.9	1162.1	984.6	824.9	662.6	534.7	430.5	345.5	275.6	219.4
-50°	1405.8	1214.3	1031.6	873.4	726.5	602.5	486.7	407.1	329.5	261.8	214.7
-52.5°	1237.5	1069.5	908.1	761.8	645.7	538.2	453.6	380.1	311.4	252.7	209.4
-55°	1069.6	929.9	786.1	665.7	567.1	490.5	418.0	354.3	291.5	245.1	203.8
-57.5°	912.8	790.3	680.5	579.1	504.2	444.1	384.1	326.6	278.8	236.6	200.5
-60°	761.6	672.9	580.3	510.5	450.8	399.7	350.4	302.0	267.5	228.0	196.4
-62.5°	637.7	564.4	509.7	451.4	400.9	358.4	318.2	286.3	254.6	221.9	191.5
-65°	540.3	492.7	444.2	398.9	355.1	321.6	299.3	270.0	244.1	215.2	186.0
-67.5°	463.5	425.2	387.5	347.7	320.7	299.8	279.2	257.2	234.2	207.8	179.9
-70°	396.0	361.9	339.0	318.3	297.0	278.5	264.1	245.5	223.9	200.0	173.4
-72.5°	345.6	327.7	310.3	292.1	277.2	263.3	249.9	233.4	213.5	191.7	166.4
-75°	314.6	300.5	287.3	273.7	260.5	247.9	235.5	221.0	202.6	183.0	159.3
-77.5°	292.5	280.4	267.6	255.2	243.9	232.4	221.0	208.1	191.4	173.9	151.8
-80°	270.6	259.9	248.8	237.9	227.4	216.7	206.5	195.2	180.1	164.5	144.0
-82.5°	248.8	239.1	229.9	220.5	211.2	202.0	192.4	182.1	168.5	154.7	136.7
-85°	228.3	220.0	211.5	202.8	195.0	187.2	178.7	170.1	158.7	147.2	130.7
-87.5°	211.0	203.8	196.2	188.5	182.0	175.3	167.8	160.1	149.9	139.7	124.4
-90°	4.8	4.8	5.4	6.0	6.0	6.0	6.7	7.3	7.3	7.3	7.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	104.0	86.5	69.0	49.6	30.2	20.5	10.9
87.5°	8.8	8.9	8.9	8.8	8.7	9.9	10.9
85°	9.1	9.3	9.3	9.1	8.9	10.1	10.9
82.5°	9.5	9.7	9.7	9.4	9.2	10.3	10.9
80°	9.8	10.1	10.2	9.7	9.4	10.6	10.9
77.5°	10.5	10.5	10.6	10.1	9.6	10.8	10.9
75°	11.1	11.1	11.0	10.4	9.9	11.0	10.9
72.5°	11.7	11.6	11.4	10.7	10.2	11.2	10.9
70°	12.4	12.2	11.9	11.0	10.5	11.5	10.9
67.5°	13.2	12.7	12.3	11.5	10.8	11.7	10.9
65°	14.2	13.5	12.8	11.9	11.1	11.9	10.9
62.5°	15.2	14.6	13.4	12.4	11.5	12.2	10.9
60°	16.3	15.7	13.9	12.9	11.9	12.4	10.9
57.5°	18.6	17.0	15.2	13.4	12.5	12.7	10.9
55°	21.1	18.2	16.5	13.9	13.2	12.9	10.9
52.5°	23.8	19.8	17.9	14.5	14.0	13.2	10.9
50°	26.6	22.5	19.4	15.0	14.8	13.4	10.9
47.5°	29.9	25.4	20.9	15.7	15.6	13.7	10.9
45°	35.4	28.4	22.5	16.9	16.5	13.9	10.9
42.5°	41.0	31.5	24.2	18.2	17.4	14.2	10.9
40°	46.9	34.7	26.3	20.0	18.3	14.5	10.9
37.5°	53.1	38.1	28.9	22.1	19.3	14.7	10.9
35°	59.3	42.5	31.5	24.2	20.3	15.0	10.9
32.5°	66.4	47.5	34.0	26.4	21.4	15.2	10.9
30°	75.7	52.3	36.6	28.6	22.5	15.5	10.9
27.5°	84.7	57.1	40.2	30.8	23.6	15.7	10.9
25°	93.4	61.8	43.7	33.0	24.7	16.0	10.9
22.5°	101.8	66.6	47.2	35.2	25.8	16.2	10.9
20°	109.8	72.1	50.6	37.4	26.9	16.5	10.9
17.5°	118.2	77.5	53.9	39.5	28.0	16.7	10.9
15°	126.4	82.7	57.2	41.7	29.1	16.9	10.9
12.5°	134.2	87.7	60.3	43.8	30.2	17.2	10.9
10°	141.4	92.5	63.2	45.8	31.3	17.4	10.9
7.5°	148.1	97.0	66.1	47.8	32.3	17.6	10.9
5°	154.2	101.3	68.8	49.7	33.3	17.8	10.9
2.5°	159.7	105.2	71.4	51.5	34.2	17.9	10.9
0°	164.5	108.9	73.8	53.2	35.1	18.1	10.9
-2.5°	170.2	113.3	77.2	55.5	36.4	18.8	10.9
-5°	175.2	117.3	80.5	57.6	37.7	19.4	10.9
-7.5°	179.4	121.0	83.6	59.6	38.9	20.0	10.9
-10°	183.0	124.3	86.4	61.5	40.0	20.6	10.9
-12.5°	185.8	127.2	89.1	63.3	41.1	21.2	10.9
-15°	187.8	129.7	91.5	64.9	42.1	21.7	10.9
-17.5°	189.0	131.8	93.6	66.4	43.0	22.2	10.9
-20°	190.0	133.5	95.5	67.7	43.8	22.7	10.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	190.9	134.8	97.1	68.8	44.5	23.2	10.9
-25°	190.9	136.3	98.5	69.8	45.1	23.6	10.9
-27.5°	190.1	137.8	99.5	70.6	45.7	24.0	10.9
-30°	188.4	138.7	100.4	71.2	46.1	24.3	10.9
-32.5°	185.9	139.2	101.7	71.6	46.5	24.7	10.9
-35°	184.9	139.2	102.7	71.9	46.8	24.9	10.9
-37.5°	184.4	139.2	103.5	72.0	46.9	25.1	10.9
-40°	183.2	139.8	104.0	71.9	47.0	25.3	10.9
-42.5°	181.2	140.0	104.3	71.8	47.0	25.5	10.9
-45°	178.5	139.9	104.5	72.0	46.9	25.6	10.9
-47.5°	175.2	139.4	104.4	71.9	46.7	25.6	10.9
-50°	173.4	138.5	104.0	71.9	46.4	25.6	10.9
-52.5°	171.6	137.2	103.3	71.8	46.0	25.6	10.9
-55°	169.3	135.5	102.3	71.5	45.6	25.5	10.9
-57.5°	166.6	133.5	100.9	71.0	45.0	25.4	10.9
-60°	163.4	131.1	99.3	70.3	44.3	25.2	10.9
-62.5°	159.8	128.3	98.0	69.4	43.7	25.0	10.9
-65°	155.7	125.1	96.4	68.4	42.9	24.8	10.9
-67.5°	151.1	121.9	94.5	67.1	42.0	24.5	10.9
-70°	146.2	118.6	92.4	65.7	41.0	24.2	10.9
-72.5°	141.1	115.0	90.0	64.2	39.9	23.8	10.9
-75°	135.8	111.1	87.4	62.5	38.8	23.5	10.9
-77.5°	130.0	106.8	84.8	60.7	37.5	23.0	10.9
-80°	123.9	102.9	82.0	58.8	36.2	22.6	10.9
-82.5°	119.1	99.1	79.0	56.7	34.8	22.1	10.9
-85°	114.3	95.1	75.8	54.4	33.3	21.6	10.9
-87.5°	109.2	90.9	72.5	52.1	31.8	21.1	10.9
-90°	8.5	8.5	8.5	8.5	8.5	9.7	10.9

(END OF REPORT)