

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: P1306232 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-70-1S-VHE-A**

Issue Date: 2/3/2026

**Test Information**

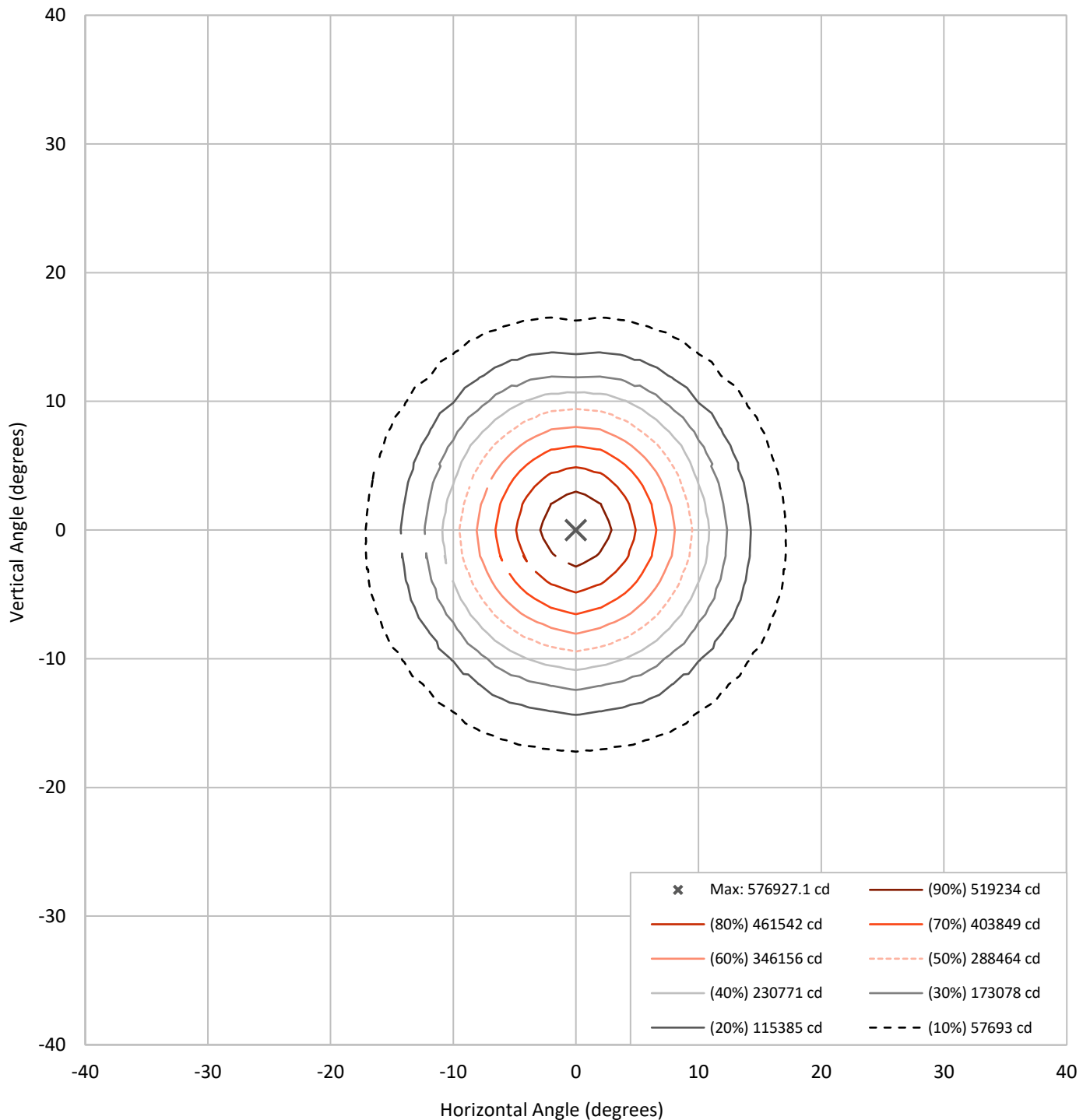
Test Method: LM-79-08  
Report Number: P1306232 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-530N-57-70-1S-VHE-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 70 CRI LEDS AND 1S BEAM SHAPE WITH ANODIZED CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	76044.5 lumens	Max Intensity:	576927.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	134.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	19°H x 18.9°V	Field Angle (10%):	34°H x 33.3°V
Beam Lumens:	33709.2 lumens	Field Lumens:	61396.2 lumens
Beam Efficiency:	44.3%	Field Efficiency:	80.7%
Input Watts (W):	566		
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





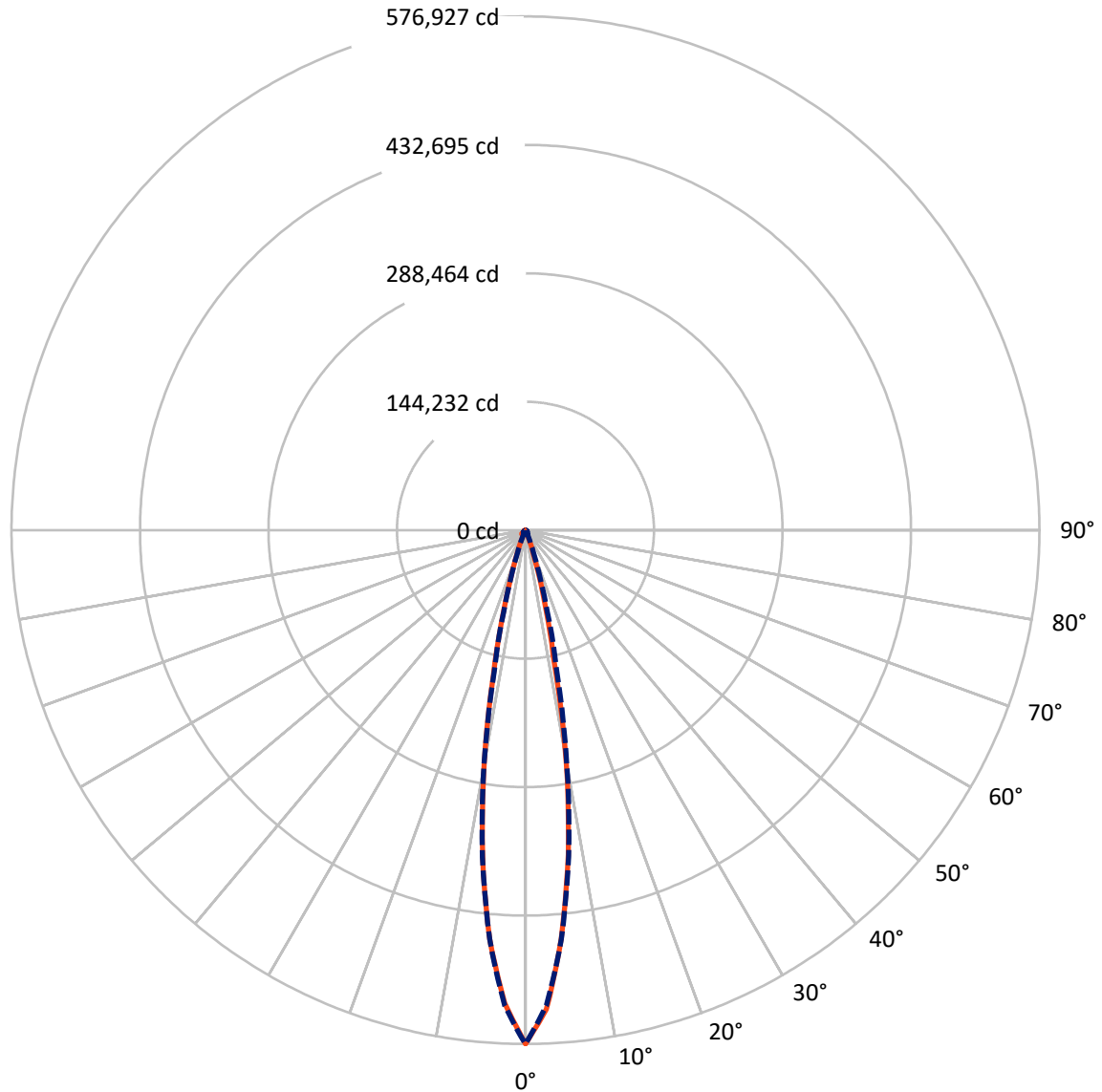
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### Lumen Table

90	0.3	1.0		1.9		2.6		2.9		2.6		1.9		1.0		0.3			
80	0.3	1.0		1.9		2.6		2.9		2.6		1.9		1.0		0.3			
70	0.4	0.2	0.3	0.6	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.6	0.3	0.2	0.4			
60		0.5	0.9	1.0	0.9	0.8	1.0	1.1	1.1	1.0	0.8	0.9	1.0	0.9	0.5				
50	1.1	1.3	2.8	5.5	8.6	14.8	22.5	24.9	24.9	22.5	14.8	8.6	5.5	2.8	1.3	1.1			
40		2.9	8.2	14.8	31.1	50.9	57.0	59.8	59.8	57.0	50.9	31.1	14.8	8.2	2.9				
30	2.5	4.9	13.4	27.5	65.5	69.4	84.2	139.4	139.4	84.2	69.4	65.5	27.5	13.4	4.9	2.5			
20		6.7	17.2	49.0	86.7	102.3	637.2	2539.3	2539.3	637.2	102.3	86.7	49.0	17.2	6.7				
10	3.7	8.1	20.2	64.8	96.7	190.9	2574.7	10712.1	10712.1	2574.7	190.9	96.7	64.8	20.2	8.1	3.7			
0		9.1	22.6	69.2	107.5	213.5	2706.8	10660.5	10660.5	2706.8	213.5	107.5	69.2	22.6	9.1				
-10	4.3	9.4	24.2	68.3	119.1	146.8	751.5	2751.5	2751.5	751.5	146.8	119.1	68.3	24.2	9.4	4.3			
-20		9.1	24.5	52.9	121.4	148.6	162.2	251.8	251.8	162.2	148.6	121.4	52.9	24.5	9.1				
-30	4.1	8.2	22.9	42.2	88.9	149.4	167.8	169.8	169.8	167.8	149.4	88.9	42.2	22.9	8.2	4.1			
-40		6.9	18.8	36.9	55.1	83.3	123.3	153.8	153.8	123.3	83.3	55.1	36.9	18.8	6.9				
-50	3.4	5.3	13.6	26.9	42.8	55.9	65.1	71.0	71.0	65.1	55.9	42.8	26.9	13.6	5.3	3.4			
-60		4.2	8.9	16.4	25.9	34.8	42.4	47.5	47.5	42.4	34.8	25.9	16.4	8.9	4.2				
-70	2.4	16.0		38.3		60.2		71.8		60.2		38.3		16.0		2.4			
-80		16.0		38.3		60.2		71.8		60.2		38.3		16.0					
-90	2.4	16.0		38.3		60.2		71.8		60.2		38.3		16.0		2.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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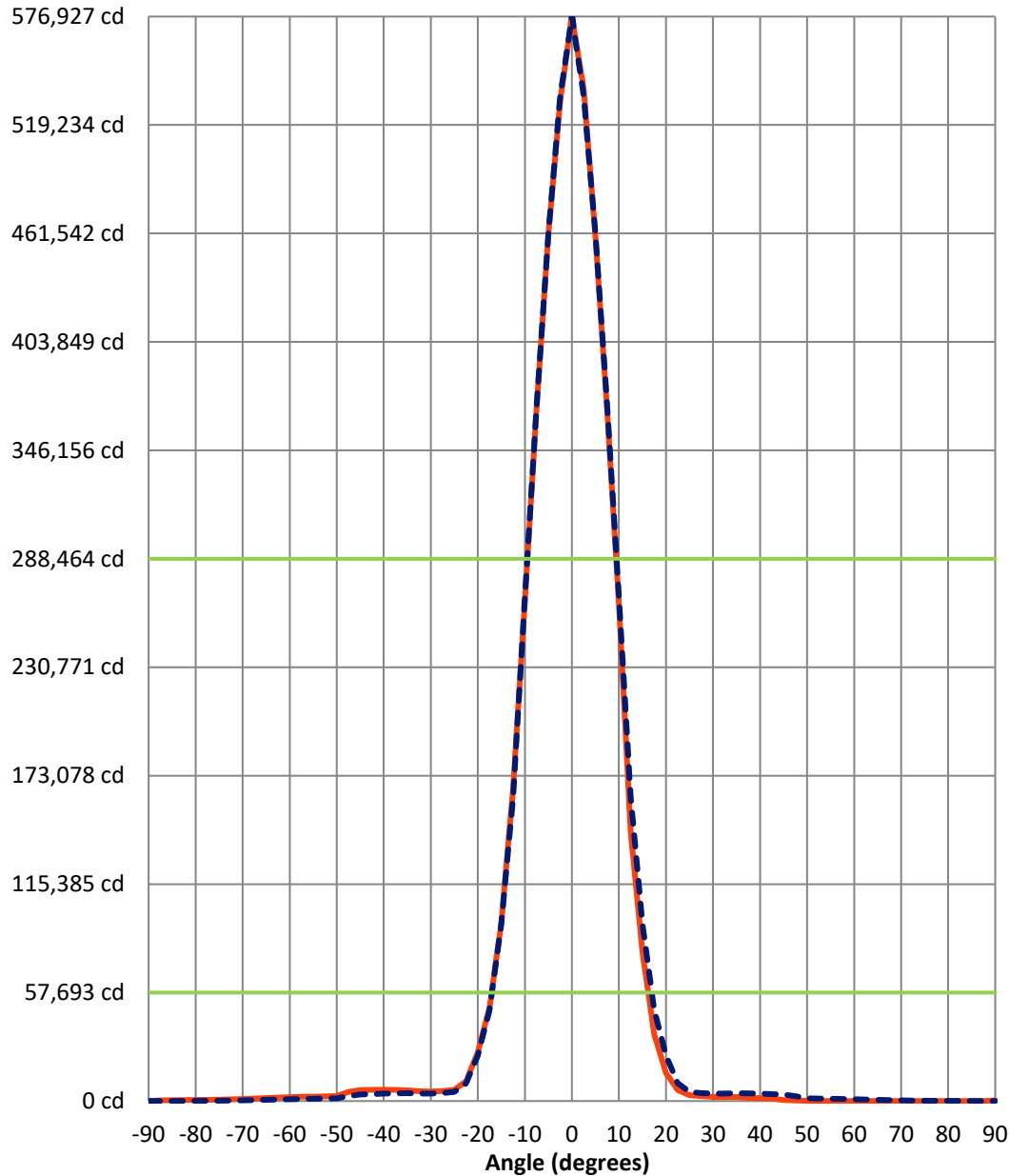
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 19°  
 V Angle: 18.9°  
 Lumens: 33709.2  
 Efficiency: 44.3%

**Field:**  
 H Angle: 34°  
 V Angle: 33.3°  
 Lumens: 61396.2  
 Efficiency: 80.7%

**Spill:**  
 Lumens: 14648.4  
 Efficiency: 19.3%

— 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°	8.3	22.0	35.8	53.7	71.6	89.5	107.4	120.2	132.9	145.7	158.4
87.5°	8.3	7.1	5.7	5.8	5.7	5.7	5.5	5.5	5.5	5.5	5.5
85°	8.3	7.4	6.0	6.0	6.0	5.8	5.5	5.5	5.5	5.5	5.5
82.5°	8.3	7.6	6.3	6.3	6.2	6.0	5.5	5.5	5.5	5.6	5.5
80°	8.3	7.9	6.5	6.6	6.5	6.1	5.6	5.9	6.0	5.9	5.6
77.5°	8.3	8.1	6.8	6.9	6.8	6.6	6.4	6.6	6.6	6.3	5.8
75°	8.3	8.4	7.1	7.2	7.2	7.6	7.3	7.3	7.2	7.1	6.6
72.5°	8.3	8.7	7.5	7.5	8.2	8.6	8.2	8.2	8.5	8.3	7.5
70°	8.3	8.9	7.8	7.9	9.2	9.6	9.2	9.6	9.9	9.5	9.0
67.5°	8.3	9.2	8.2	8.8	10.2	10.6	11.0	11.2	11.4	11.7	10.9
65°	8.3	9.5	8.6	9.7	11.3	12.2	12.9	12.7	13.9	14.1	13.3
62.5°	8.3	9.7	9.0	10.6	12.3	14.2	14.9	15.1	16.6	16.9	16.9
60°	8.3	10.0	9.4	11.5	13.4	16.3	17.1	17.9	19.5	20.9	20.8
57.5°	8.3	10.3	10.3	12.5	15.3	18.5	20.4	21.0	23.4	25.2	27.5
55°	8.3	10.6	11.3	13.4	17.3	20.7	24.1	24.8	27.7	30.7	36.1
52.5°	8.3	10.9	12.3	14.4	19.3	23.3	28.0	30.0	32.3	39.9	45.5
50°	8.3	11.2	13.3	15.3	21.4	26.9	32.2	35.8	38.4	49.8	60.4
47.5°	8.3	11.5	14.3	16.4	23.5	30.7	36.7	41.9	48.0	60.3	77.0
45°	8.3	11.8	15.4	18.0	25.6	34.5	42.5	48.6	60.0	76.4	94.7
42.5°	8.3	12.1	16.5	19.6	27.7	38.5	48.5	57.9	72.5	93.4	121.1
40°	8.3	12.4	17.7	21.7	30.4	42.5	54.8	69.1	87.0	111.5	150.7
37.5°	8.3	12.6	18.8	24.2	33.5	46.7	61.3	80.6	105.2	134.8	182.3
35°	8.3	12.9	20.0	26.6	36.7	51.6	68.1	92.4	123.8	164.0	217.8
32.5°	8.3	13.2	21.2	29.2	39.9	56.9	75.8	104.3	142.7	192.7	254.8
30°	8.3	13.5	22.4	31.7	43.0	62.3	85.4	117.2	161.9	220.7	290.3
27.5°	8.3	13.8	23.7	34.3	47.5	67.7	95.1	133.0	182.8	248.0	324.1
25°	8.3	14.1	24.9	36.9	52.0	73.0	104.6	148.6	205.8	276.1	356.5
22.5°	8.3	14.4	26.1	39.5	56.6	78.7	114.0	164.0	227.9	303.6	392.1
20°	8.3	14.7	27.3	42.1	61.0	85.3	123.2	179.1	249.1	329.5	425.7
17.5°	8.3	14.9	28.5	44.6	65.4	91.6	132.4	193.9	269.3	353.7	457.3
15°	8.3	15.2	29.7	47.2	69.7	97.6	141.3	207.4	288.3	376.3	486.7
12.5°	8.3	15.4	30.8	49.6	73.9	103.4	149.7	219.3	305.7	397.2	513.8
10°	8.3	15.7	31.9	52.0	77.9	109.0	157.6	230.1	321.5	420.0	541.7
7.5°	8.3	15.9	33.0	54.3	81.8	114.2	164.9	239.9	336.1	442.2	574.2
5°	8.3	16.1	34.0	56.5	85.5	119.2	171.6	248.7	349.5	463.2	604.8
2.5°	8.3	16.3	34.9	58.6	89.0	123.8	177.7	256.4	361.4	482.5	632.9
0°	8.3	16.5	35.8	60.6	92.3	128.1	183.2	263.0	371.8	499.9	658.2
-2.5°	8.3	17.3	37.7	63.8	96.4	133.4	189.7	272.0	383.9	513.3	672.3
-5°	8.3	18.1	39.6	66.8	100.3	138.4	195.5	279.8	394.2	524.3	683.2
-7.5°	8.3	18.9	41.4	69.7	103.9	142.9	200.7	286.3	402.6	533.0	690.9
-10°	8.3	19.6	43.1	72.4	107.3	147.1	205.1	291.6	408.8	539.4	695.4
-12.5°	8.3	20.3	44.6	74.9	110.4	150.9	208.8	295.4	412.9	543.7	700.2
-15°	8.3	21.0	46.1	77.2	113.2	154.3	211.8	297.7	415.2	547.5	702.8
-17.5°	8.3	21.6	47.5	79.4	115.8	157.2	214.1	299.4	416.0	548.7	701.7
-20°	8.3	22.3	48.7	81.3	118.1	159.7	216.0	300.3	414.5	547.0	696.7



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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°	8.3	22.9	49.8	83.0	120.1	161.8	217.9	299.5	410.8	542.5	687.7
-25°	8.3	23.4	50.8	84.4	121.8	163.8	218.8	297.0	404.9	535.1	674.8
-27.5°	8.3	23.9	51.6	85.7	123.3	165.4	218.7	292.8	396.6	525.4	663.8
-30°	8.3	24.4	52.3	86.7	124.5	166.6	217.8	286.8	388.9	513.9	649.7
-32.5°	8.3	24.8	52.8	87.4	125.5	167.2	215.8	283.6	380.7	499.8	632.3
-35°	8.3	25.2	53.2	87.9	126.1	167.3	215.2	280.5	370.4	483.1	611.6
-37.5°	8.3	25.5	53.4	88.2	126.4	167.1	214.8	276.2	357.9	463.7	590.1
-40°	8.3	25.8	53.5	88.2	126.3	167.1	213.6	270.7	343.3	445.8	565.6
-42.5°	8.3	26.1	53.4	88.0	126.0	166.6	211.9	264.1	332.7	426.4	537.1
-45°	8.3	26.2	53.2	87.5	125.3	165.6	209.4	258.3	323.6	404.4	505.9
-47.5°	8.3	26.4	52.8	86.8	124.3	164.1	206.3	254.5	313.1	380.2	478.2
-50°	8.3	26.5	52.3	85.9	122.9	162.2	203.6	250.0	300.3	365.3	447.6
-52.5°	8.3	26.5	51.6	84.8	121.2	159.8	200.6	244.6	291.1	348.7	415.7
-55°	8.3	26.5	50.8	83.5	119.1	157.0	197.0	238.7	283.1	330.2	394.3
-57.5°	8.3	26.5	49.8	81.9	116.7	153.8	192.8	233.5	274.2	317.9	371.0
-60°	8.3	26.4	48.7	80.1	114.0	150.2	188.1	227.3	265.0	306.7	349.8
-62.5°	8.3	26.3	48.2	78.1	111.0	146.1	182.9	220.3	256.7	294.7	336.1
-65°	8.3	26.1	47.6	75.9	107.8	141.6	177.1	212.7	247.6	283.7	321.5
-67.5°	8.3	25.9	46.8	73.4	104.3	136.7	170.9	204.5	237.9	272.2	307.6
-70°	8.3	25.6	46.0	70.8	100.4	131.6	164.2	195.7	227.2	260.1	293.5
-72.5°	8.3	25.3	45.0	69.0	96.3	126.0	157.0	186.4	215.9	246.6	278.5
-75°	8.3	24.9	44.0	67.2	92.0	120.1	149.4	176.5	204.0	232.4	261.8
-77.5°	8.3	24.5	42.8	65.3	88.8	113.9	141.4	166.1	191.3	217.5	244.5
-80°	8.3	24.1	41.5	63.2	85.7	108.8	133.0	155.4	178.2	201.8	226.1
-82.5°	8.3	23.6	40.2	61.0	82.4	104.3	126.7	145.3	164.6	185.5	207.0
-85°	8.3	23.1	38.8	58.7	79.0	99.6	120.5	137.2	154.1	171.5	189.2
-87.5°	8.3	22.6	37.3	56.3	75.4	94.6	114.1	128.8	143.6	158.7	174.0
-90°	8.3	6.9	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5



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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°	170.5	182.5	194.6	206.6	215.6	224.5	233.5	242.4	250.0	257.6	265.1
87.5°	5.2	4.8	4.5	4.1	4.1	4.1	4.1	4.1	3.8	3.5	3.1
85°	5.2	4.8	4.5	4.1	4.1	4.1	4.1	4.1	3.8	3.5	3.1
82.5°	5.2	4.8	4.5	4.1	4.1	4.1	4.1	4.1	3.9	3.7	3.5
80°	5.2	4.9	4.7	4.6	4.6	4.5	4.4	4.2	4.1	4.1	4.2
77.5°	5.6	5.6	5.5	5.4	5.2	5.0	4.9	4.9	4.9	4.7	4.5
75°	6.3	6.3	6.2	5.7	5.4	5.4	5.5	5.5	5.3	4.9	4.6
72.5°	7.2	7.1	6.7	6.0	5.8	5.9	5.9	5.7	6.0	6.8	7.5
70°	8.3	8.1	7.9	7.3	6.5	6.9	8.0	9.0	10.0	11.7	14.1
67.5°	9.7	10.1	9.8	9.1	9.0	10.3	11.6	16.0	20.8	23.4	24.5
65°	12.2	12.4	13.1	13.3	12.4	16.2	21.3	27.0	32.4	33.4	32.6
62.5°	15.1	16.7	17.8	19.0	20.4	24.2	30.0	35.8	41.7	39.9	34.4
60°	21.0	21.9	25.1	28.3	29.4	31.5	37.8	41.0	42.9	41.8	32.5
57.5°	28.2	29.8	35.2	38.8	40.0	37.6	39.9	41.9	41.7	36.8	28.2
55°	38.3	40.2	46.8	51.7	51.4	42.3	41.8	43.8	40.7	35.7	27.8
52.5°	52.7	53.9	61.2	66.4	64.5	55.1	48.5	51.6	51.1	44.7	38.0
50°	68.6	74.7	77.5	84.8	84.3	76.7	64.1	70.4	81.5	79.5	69.9
47.5°	91.2	99.1	99.4	108.3	112.3	118.9	108.2	121.6	138.1	171.7	161.0
45°	118.2	131.4	132.4	140.6	161.4	186.4	196.5	195.7	278.9	308.8	330.7
42.5°	148.1	169.2	178.2	177.5	244.4	282.4	304.0	372.7	435.9	454.9	465.2
40°	186.0	211.4	230.7	273.8	343.1	395.7	449.9	523.3	557.7	561.1	561.3
37.5°	227.5	264.5	295.6	369.1	457.4	515.8	583.2	614.7	638.6	640.0	667.1
35°	272.0	321.8	379.4	461.4	558.6	624.8	663.8	692.3	705.4	735.4	867.1
32.5°	323.1	383.0	458.3	549.5	642.4	709.9	733.1	757.7	789.5	878.5	1265.1
30°	374.5	452.1	533.3	631.4	725.6	773.1	797.7	828.6	878.4	1225.4	1761.1
27.5°	418.2	516.8	605.3	707.7	803.8	836.7	865.2	911.4	1123.3	1610.1	2354.4
25°	459.9	568.1	672.0	783.0	862.6	898.9	934.6	997.4	1410.9	2182.4	2690.4
22.5°	501.8	620.1	732.4	857.4	921.0	958.8	1013.7	1248.2	1826.7	2754.1	2992.9
20°	544.7	672.0	792.5	917.5	977.3	1016.5	1092.0	1532.4	2334.7	2998.1	3219.2
17.5°	586.8	722.0	848.9	959.9	1021.9	1077.4	1196.9	1818.0	2792.1	3238.8	3392.8
15°	627.7	769.8	900.2	1000.9	1066.3	1143.0	1443.5	2198.1	3088.7	3454.8	3601.1
12.5°	666.8	815.2	946.6	1040.3	1110.7	1208.1	1701.6	2573.8	3287.3	3625.0	3765.0
10°	703.8	857.7	988.2	1077.8	1154.6	1271.7	1961.8	2891.0	3451.3	3740.0	3846.8
7.5°	738.8	894.5	1025.4	1113.4	1197.4	1333.0	2214.2	3152.6	3580.6	3837.6	3903.3
5°	769.4	924.5	1059.7	1151.7	1240.4	1387.3	2430.3	3362.0	3680.9	3918.8	3961.6
2.5°	795.7	950.4	1090.8	1188.6	1282.0	1430.6	2534.7	3446.9	3693.7	3954.6	4022.2
0°	<b>818.0</b>	<b>972.2</b>	<b>1118.2</b>	<b>1222.9</b>	<b>1320.6</b>	<b>1468.0</b>	<b>2594.4</b>	<b>3490.9</b>	<b>3678.2</b>	<b>3964.6</b>	<b>4085.8</b>
-2.5°	836.2	1001.9	1157.3	1259.0	1357.6	1503.5	2590.0	3524.9	3716.9	4055.8	4330.1
-5°	850.6	1027.0	1191.7	1292.5	1391.4	1533.9	2543.6	3515.2	3769.7	4136.5	4480.7
-7.5°	860.9	1046.5	1220.7	1324.0	1424.7	1568.6	2510.4	3557.3	3923.4	4232.2	4541.7
-10°	867.8	1059.5	1238.4	1353.3	1458.2	1602.8	2438.9	3539.6	4067.0	4328.2	4600.2
-12.5°	875.7	1066.7	1249.8	1379.0	1487.4	1629.9	2312.6	3455.1	4200.0	4431.8	4657.5
-15°	879.0	1069.2	1255.8	1400.5	1512.0	1649.1	2129.4	3298.6	4288.9	4488.1	4694.1
-17.5°	877.4	1066.8	1256.3	1417.7	1531.7	1660.2	1887.3	3008.7	4149.2	4510.2	4728.2
-20°	871.0	1059.8	1251.3	1430.4	1546.6	1674.1	1848.4	2675.4	3767.9	4493.6	4752.6



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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°	859.7	1048.0	1239.7	1423.3	1563.1	1691.7	1850.3	2329.8	3318.0	4437.6	4754.5
-25°	844.9	1031.4	1221.7	1415.7	1577.7	1703.5	1844.7	2028.0	2872.5	3953.6	4707.0
-27.5°	827.1	1009.1	1204.1	1401.1	1589.4	1711.3	1846.0	2013.6	2479.6	3394.3	4526.1
-30°	804.7	984.1	1179.4	1378.3	1573.0	1719.6	1846.4	1980.5	2152.5	2889.9	3865.3
-32.5°	779.3	953.6	1146.8	1344.7	1542.6	1725.1	1835.7	1957.1	2105.1	2369.9	3203.2
-35°	753.8	922.2	1107.0	1303.2	1504.0	1692.2	1826.6	1935.3	2056.6	2217.7	2598.1
-37.5°	728.9	885.5	1060.5	1253.5	1450.5	1633.0	1809.7	1917.1	2028.2	2141.6	2299.8
-40°	699.6	843.7	1012.9	1195.6	1380.9	1562.8	1738.2	1898.6	2000.7	2099.0	2201.5
-42.5°	666.2	806.4	961.6	1128.6	1303.6	1480.3	1658.3	1827.0	1970.3	2058.3	2151.8
-45°	630.0	764.4	906.6	1060.4	1219.3	1390.2	1561.8	1733.7	1886.9	2023.9	2107.5
-47.5°	589.4	717.9	854.0	987.0	1135.0	1292.3	1457.7	1619.4	1777.1	1922.8	2065.1
-50°	547.2	667.5	792.9	917.1	1049.4	1193.0	1345.0	1498.3	1649.6	1797.9	1937.8
-52.5°	509.4	612.2	728.0	846.1	966.3	1094.3	1229.4	1368.1	1513.2	1657.2	1787.3
-55°	468.7	562.4	659.0	770.3	884.4	999.6	1112.5	1237.5	1367.1	1502.8	1624.3
-57.5°	435.7	510.8	595.6	690.0	797.0	905.3	1004.7	1105.3	1220.5	1341.0	1446.5
-60°	406.7	465.8	534.9	616.7	704.6	802.4	896.0	988.9	1082.0	1173.9	1273.6
-62.5°	378.4	429.9	484.0	546.0	623.8	698.9	781.3	867.2	953.0	1035.4	1115.2
-65°	361.3	397.2	443.3	494.0	544.7	610.1	676.8	742.8	818.5	893.0	966.0
-67.5°	342.9	376.8	411.0	448.4	495.0	538.0	580.7	640.3	699.3	755.2	812.5
-70°	325.6	355.7	387.6	419.9	451.3	483.1	522.1	560.9	598.9	639.9	689.2
-72.5°	307.9	335.8	364.3	393.4	421.6	448.0	474.4	500.9	531.9	565.4	597.9
-75°	288.9	315.0	341.1	367.6	392.1	415.4	439.1	463.1	486.7	510.0	533.4
-77.5°	268.6	292.2	316.2	340.7	362.4	382.9	403.7	424.8	445.4	465.8	486.0
-80°	247.5	268.8	290.2	311.8	330.5	348.7	367.1	385.5	403.6	421.5	439.3
-82.5°	225.6	244.2	263.0	282.0	298.0	313.6	329.2	344.8	360.1	375.4	390.6
-85°	204.2	219.1	235.1	251.2	264.7	278.0	291.2	304.4	317.2	329.9	342.5
-87.5°	187.5	200.9	214.4	227.8	238.2	248.7	259.1	269.5	279.3	289.1	298.8
-90°	5.2	4.8	4.5	4.1	4.1	4.1	4.1	4.1	3.8	3.5	3.1



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	272.7	277.9	283.0	288.2	293.3	297.8	302.3	306.7	311.2	314.0	316.7
87.5°	2.8	2.7	2.7	2.7	2.7	2.4	2.1	1.7	1.4	1.4	1.4
85°	2.8	2.8	2.8	2.8	2.8	2.5	2.1	1.8	1.4	1.4	1.4
82.5°	3.4	3.3	3.2	3.0	2.8	2.7	2.7	2.7	2.7	2.7	2.7
80°	4.1	3.8	3.5	3.2	2.8	2.8	2.8	2.8	2.8	2.8	2.8
77.5°	4.2	3.9	3.5	3.2	2.9	2.8	2.8	2.8	2.8	2.8	2.8
75°	4.2	4.1	4.3	4.4	4.1	4.1	4.1	4.0	3.9	3.7	3.4
72.5°	8.2	8.4	8.4	8.6	8.7	8.9	9.3	9.5	9.5	9.6	9.6
70°	15.5	16.0	16.4	16.2	15.3	14.5	14.1	13.7	13.3	13.6	14.4
67.5°	23.6	21.9	21.1	19.9	17.7	15.8	14.7	13.6	12.3	11.7	11.6
65°	29.2	23.1	20.1	17.8	16.0	13.9	12.0	10.3	8.9	7.9	7.6
62.5°	27.8	19.8	15.6	13.2	11.0	9.1	7.5	6.3	5.4	5.0	5.0
60°	23.7	15.5	10.9	8.8	6.6	4.3	4.0	3.8	3.5	3.3	3.5
57.5°	21.2	14.0	8.5	8.3	7.2	5.2	4.5	4.5	3.9	2.8	3.2
55°	23.7	20.0	13.9	14.3	13.9	11.7	10.0	11.9	11.5	9.0	9.9
52.5°	35.5	40.7	33.2	30.8	42.0	41.7	32.6	44.5	51.1	50.0	51.0
50°	83.4	94.2	105.7	96.8	118.8	131.9	129.0	144.6	160.5	160.2	165.1
47.5°	197.7	227.5	230.8	236.7	261.9	293.8	319.9	338.2	347.5	343.6	346.4
45°	353.7	360.5	376.0	410.2	452.9	504.4	543.7	566.5	643.3	697.9	729.8
42.5°	468.9	489.9	527.7	618.0	684.2	836.2	1020.1	1091.5	1181.9	1227.8	1230.6
40°	584.3	637.7	794.1	958.6	1315.7	1581.3	1597.1	1709.7	1761.6	1704.5	1695.9
37.5°	775.1	973.2	1242.0	1622.1	1788.2	1860.4	1900.0	1914.4	1924.9	1915.3	1910.4
35°	1150.9	1495.5	1759.3	1883.3	1958.4	1960.7	1969.9	1968.7	1956.4	1950.0	1936.3
32.5°	1705.3	2033.9	2041.9	2032.3	2048.0	2039.1	2021.8	2013.9	1987.2	1971.2	1976.6
30°	2276.9	2278.7	2246.2	2170.9	2133.3	2121.8	2096.8	2076.3	2051.0	2054.8	2142.7
27.5°	2503.7	2475.9	2430.5	2365.5	2239.3	2214.5	2194.5	2185.9	2291.6	2388.2	2474.3
25°	2757.5	2685.4	2660.5	2603.8	2474.0	2330.3	2393.5	2492.9	2631.0	2774.9	2913.7
22.5°	2976.9	2924.9	2908.9	2887.8	2675.9	2614.0	2700.7	2864.1	3052.9	3302.9	4016.8
20°	3193.2	3137.0	3118.6	3012.8	2901.7	2917.1	3078.1	3363.3	3891.3	5788.2	8104.6
17.5°	3375.0	3316.8	3254.0	3130.6	3095.2	3249.8	3572.1	4573.7	7065.5	13291.9	19620.1
15°	3544.4	3468.0	3361.2	3280.2	3347.2	3635.0	4433.4	7845.9	15917.1	26368.1	39544.8
12.5°	3695.0	3578.1	3428.5	3386.5	3590.2	4075.0	7206.0	15395.7	27742.0	42630.6	73564.9
10°	3799.7	3648.2	3517.7	3590.2	3914.0	5215.6	10369.7	23081.6	41346.7	74647.2	113159.4
7.5°	3844.7	3707.6	3631.7	3787.3	4219.6	6698.0	15610.5	31922.0	58397.5	103175.2	164622.5
5°	3895.8	3801.1	3758.7	3982.4	4513.9	7905.8	19379.5	39361.5	76631.3	129969.0	209097.6
2.5°	3998.8	3908.7	3879.2	4153.6	4771.4	9031.9	22324.8	45145.3	88711.5	152326.9	248565.3
0°	4180.8	3993.6	3970.1	4238.7	4874.9	9544.6	24257.4	48633.3	94457.3	161893.3	267984.2
-2.5°	4325.3	4102.2	4057.6	4297.2	4920.5	9293.4	24061.4	48513.1	92113.1	158695.9	255652.3
-5°	4451.5	4227.6	4166.1	4388.6	5020.6	9284.1	22786.7	44513.5	82424.4	139448.8	215453.3
-7.5°	4563.6	4370.1	4279.1	4456.1	5033.8	8314.1	18430.7	36648.5	65883.9	108873.9	166758.5
-10°	4681.9	4533.3	4409.2	4527.7	4977.8	6615.2	12330.0	26417.7	46919.8	78954.1	118673.6
-12.5°	4817.1	4742.3	4559.9	4577.1	4902.1	5582.2	9113.1	18443.5	32574.7	49736.0	78527.2
-15°	4931.8	4928.5	4775.8	4727.2	4888.7	5324.9	6357.9	10242.2	19759.6	31971.3	46213.8
-17.5°	4955.8	5077.8	5019.4	4871.0	4880.5	5125.0	5550.8	6787.4	9925.4	17591.3	26065.5
-20°	4971.2	5231.9	5238.1	5117.6	5012.0	4984.6	5179.3	5540.0	6241.2	8831.7	12241.6



REPORT NUMBER: P1306232 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°	4994.7	5242.5	5418.8	5385.6	5178.2	5056.9	5013.4	5150.0	5387.3	5721.6	6827.9
-25°	5005.9	5237.2	5489.5	5558.8	5471.8	5249.9	5083.9	4991.3	5075.2	5181.3	5397.7
-27.5°	4958.2	5228.9	5473.6	5678.6	5703.6	5558.5	5314.5	5116.6	5039.7	4966.8	5055.9
-30°	4878.9	5181.3	5437.1	5689.4	5790.3	5743.9	5616.2	5455.5	5268.0	5122.1	5071.0
-32.5°	4229.3	5110.0	5372.0	5590.7	5757.1	5804.7	5806.1	5720.1	5639.9	5527.4	5395.7
-35°	3484.5	4461.4	5314.0	5424.0	5576.7	5734.3	5851.3	5855.3	5845.9	5792.6	5737.1
-37.5°	2708.6	3619.0	4439.0	5095.4	5326.2	5511.7	5712.1	5847.5	5932.6	5917.3	5907.0
-40°	2358.2	2645.1	3412.2	4081.3	4642.7	5170.8	5387.9	5631.3	5827.1	5895.2	5941.1
-42.5°	2250.0	2372.7	2497.6	3004.6	3582.9	4091.6	4569.9	5026.1	5433.4	5664.2	5824.8
-45°	2190.7	2258.9	2335.4	2448.3	2545.9	2967.1	3395.8	3812.1	4320.2	4788.0	5193.6
-47.5°	2135.7	2189.1	2248.3	2306.4	2360.6	2437.1	2503.4	2621.5	3002.2	3386.0	3771.1
-50°	2047.3	2135.5	2184.6	2227.9	2266.3	2301.8	2332.5	2385.9	2449.1	2504.1	2559.8
-52.5°	1899.5	1998.8	2093.2	2164.6	2194.7	2224.2	2254.4	2294.8	2332.2	2366.4	2392.7
-55°	1733.7	1834.3	1929.4	2001.9	2066.8	2126.7	2180.0	2215.9	2250.8	2284.4	2310.0
-57.5°	1551.4	1653.9	1747.0	1816.4	1881.4	1941.8	2000.5	2056.9	2108.5	2155.1	2194.7
-60°	1366.8	1453.4	1537.4	1610.8	1677.9	1738.3	1796.4	1851.9	1902.6	1948.3	1988.1
-62.5°	1193.5	1273.7	1340.1	1400.2	1457.9	1513.7	1572.4	1626.5	1675.6	1720.5	1761.6
-65°	1037.2	1106.3	1156.6	1203.6	1248.1	1296.0	1347.6	1395.3	1438.7	1479.0	1516.2
-67.5°	876.4	936.3	980.5	1021.2	1059.1	1097.3	1138.6	1177.1	1212.6	1246.5	1278.2
-70°	736.9	778.6	809.4	840.6	874.3	908.7	944.3	976.7	1005.9	1033.6	1059.2
-72.5°	629.5	655.2	676.8	703.5	727.6	753.2	779.6	804.0	826.4	848.1	868.5
-75°	556.9	575.7	593.3	609.9	625.3	643.6	662.7	680.7	697.6	713.4	728.5
-77.5°	506.3	521.0	533.1	544.6	555.5	569.8	584.7	599.2	613.3	625.3	636.3
-80°	456.9	468.7	479.1	489.1	498.7	511.0	523.5	535.6	547.5	558.4	568.7
-82.5°	405.8	415.4	424.2	432.7	440.9	451.3	461.7	471.7	481.5	490.4	499.0
-85°	355.0	362.3	369.1	375.8	382.3	390.8	399.2	407.4	415.4	421.3	426.9
-87.5°	308.6	314.1	319.3	324.5	329.5	335.6	341.7	347.8	353.8	357.7	361.5
-90°	2.8	2.5	2.1	1.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4



REPORT NUMBER: P1306232 (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°	319.5	322.2	321.6	320.9	321.6	322.2	319.5	316.7	314.0	311.2	306.7
87.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.7
85°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.8
82.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7
80°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
77.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
75°	3.1	2.8	2.8	2.8	2.8	2.8	3.1	3.4	3.7	3.9	4.0
72.5°	9.6	9.4	9.6	9.6	9.6	9.4	9.6	9.6	9.6	9.5	9.5
70°	15.3	16.2	16.4	16.5	16.4	16.2	15.3	14.4	13.6	13.3	13.7
67.5°	11.4	11.2	10.4	9.6	10.4	11.2	11.4	11.6	11.7	12.3	13.6
65°	7.3	7.1	6.9	6.9	6.9	7.1	7.3	7.6	7.9	8.9	10.3
62.5°	5.2	5.5	5.5	5.5	5.5	5.5	5.2	5.0	5.0	5.4	6.3
60°	3.8	4.1	4.1	4.1	4.1	4.1	3.8	3.5	3.3	3.5	3.8
57.5°	3.6	4.0	4.1	4.1	4.1	4.0	3.6	3.2	2.8	3.9	4.5
55°	10.5	10.7	10.4	9.6	10.4	10.7	10.5	9.9	9.0	11.5	11.9
52.5°	50.2	46.3	40.3	33.1	40.3	46.3	50.2	51.0	50.0	51.1	44.5
50°	174.7	179.4	175.3	162.5	175.3	179.4	174.7	165.1	160.2	160.5	144.6
47.5°	359.9	363.9	351.3	322.2	351.3	363.9	359.9	346.4	343.6	347.5	338.2
45°	753.5	747.7	682.9	548.1	682.9	747.7	753.5	729.8	697.9	643.3	566.5
42.5°	1299.6	1357.5	1391.6	1392.2	1391.6	1357.5	1299.6	1230.6	1227.8	1181.9	1091.5
40°	1682.1	1614.1	1540.0	1528.6	1540.0	1614.1	1682.1	1695.9	1704.5	1761.6	1709.7
37.5°	1898.8	1913.0	1904.8	1744.8	1904.8	1913.0	1898.8	1910.4	1915.3	1924.9	1914.4
35°	1967.8	2075.3	2186.1	2208.9	2186.1	2075.3	1967.8	1936.3	1950.0	1956.4	1968.7
32.5°	2001.1	2038.0	2048.0	2051.9	2048.0	2038.0	2001.1	1976.6	1971.2	1987.2	2013.9
30°	2183.3	2207.4	2203.8	2199.2	2203.8	2207.4	2183.3	2142.7	2054.8	2051.0	2076.3
27.5°	2515.0	2554.8	2572.6	2584.8	2572.6	2554.8	2515.0	2474.3	2388.2	2291.6	2185.9
25°	2989.7	3050.6	3092.5	3110.8	3092.5	3050.6	2989.7	2913.7	2774.9	2631.0	2492.9
22.5°	4841.3	5263.7	5681.9	5898.1	5681.9	5263.7	4841.3	4016.8	3302.9	3052.9	2864.1
20°	12085.9	13911.2	14744.9	14988.2	14744.9	13911.2	12085.9	8104.6	5788.2	3891.3	3363.3
17.5°	28145.4	35064.8	39692.8	35637.7	39692.8	35064.8	28145.4	19620.1	13291.9	7065.5	4573.7
15°	57607.2	75131.4	84937.4	79419.5	84937.4	75131.4	57607.2	39544.8	26368.1	15917.1	7845.9
12.5°	103791.7	131140.8	149509.4	143452.0	149509.4	131140.8	103791.7	73564.9	42630.6	27742.0	15395.7
10°	163365.9	218360.6	254979.4	264031.9	254979.4	218360.6	163365.9	113159.4	74647.2	41346.7	23081.6
7.5°	237075.1	305166.2	358913.6	367232.4	358913.6	305166.2	237075.1	164622.5	103175.2	58397.5	31922.0
5°	309184.5	389557.2	445480.4	459998.5	445480.4	389557.2	309184.5	209097.6	129969.0	76631.3	39361.5
2.5°	353940.9	441420.0	508782.5	538454.1	508782.5	441420.0	353940.9	248565.3	152326.9	88711.5	45145.3
0°	369915.6	461276.5	534364.8	576927.1	534364.8	461276.5	369915.6	267984.2	161893.3	94457.3	48633.3
-2.5°	357530.1	440265.9	501965.4	531553.4	501965.4	440265.9	357530.1	255652.3	158695.9	92113.1	48513.1
-5°	304514.7	386718.6	436918.5	461020.3	436918.5	386718.6	304514.7	215453.3	139448.8	82424.4	44513.5
-7.5°	237951.1	303745.4	347094.0	369021.1	347094.0	303745.4	237951.1	166758.5	108873.9	65883.9	36648.5
-10°	166494.3	218693.5	247914.0	265805.6	247914.0	218693.5	166494.3	118673.6	78954.1	46919.8	26417.7
-12.5°	108329.4	138712.4	155077.8	166541.0	155077.8	138712.4	108329.4	78527.2	49736.0	32574.7	18443.5
-15°	65762.4	80569.8	89454.9	95024.6	89454.9	80569.8	65762.4	46213.8	31971.3	19759.6	10242.2
-17.5°	36704.6	43064.6	47568.0	50059.9	47568.0	43064.6	36704.6	26065.5	17591.3	9925.4	6787.4
-20°	18213.0	22236.3	24879.0	25988.4	24879.0	22236.3	18213.0	12241.6	8831.7	6241.2	5540.0



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8405.4	9480.2	10191.6	10530.6	10191.6	9480.2	8405.4	6827.9	5721.6	5387.3	5150.0
-25°	5608.1	5776.7	5900.7	5954.5	5900.7	5776.7	5608.1	5397.7	5181.3	5075.2	4991.3
-27.5°	5136.7	5226.0	5300.1	5329.3	5300.1	5226.0	5136.7	5055.9	4966.8	5039.7	5116.6
-30°	5031.7	5035.6	5056.6	5056.7	5056.6	5035.6	5031.7	5071.0	5122.1	5268.0	5455.5
-32.5°	5296.1	5238.0	5212.7	5239.8	5212.7	5238.0	5296.1	5395.7	5527.4	5639.9	5720.1
-35°	5700.1	5684.4	5685.7	5714.9	5685.7	5684.4	5700.1	5737.1	5792.6	5845.9	5855.3
-37.5°	5909.7	5922.0	5935.9	5939.4	5935.9	5922.0	5909.7	5907.0	5917.3	5932.6	5847.5
-40°	5967.8	5991.9	6010.1	6016.5	6010.1	5991.9	5967.8	5941.1	5895.2	5827.1	5631.3
-42.5°	5895.8	5943.8	5969.2	5975.2	5969.2	5943.8	5895.8	5824.8	5664.2	5433.4	5026.1
-45°	5488.2	5701.9	5822.8	5855.4	5822.8	5701.9	5488.2	5193.6	4788.0	4320.2	3812.1
-47.5°	4145.7	4481.1	4714.7	4822.6	4714.7	4481.1	4145.7	3771.1	3386.0	3002.2	2621.5
-50°	2618.2	2673.4	2714.8	2740.4	2714.8	2673.4	2618.2	2559.8	2504.1	2449.1	2385.9
-52.5°	2415.5	2435.8	2447.6	2452.6	2447.6	2435.8	2415.5	2392.7	2366.4	2332.2	2294.8
-55°	2332.0	2350.7	2359.0	2360.3	2359.0	2350.7	2332.0	2310.0	2284.4	2250.8	2215.9
-57.5°	2228.9	2257.5	2270.2	2272.2	2270.2	2257.5	2228.9	2194.7	2155.1	2108.5	2056.9
-60°	2021.7	2049.5	2063.2	2068.4	2063.2	2049.5	2021.7	1988.1	1948.3	1902.6	1851.9
-62.5°	1797.3	1827.4	1836.7	1835.7	1836.7	1827.4	1797.3	1761.6	1720.5	1675.6	1626.5
-65°	1548.6	1576.3	1584.2	1583.7	1584.2	1576.3	1548.6	1516.2	1479.0	1438.7	1395.3
-67.5°	1306.4	1330.8	1339.2	1341.3	1339.2	1330.8	1306.4	1278.2	1246.5	1212.6	1177.1
-70°	1081.6	1100.9	1105.7	1105.8	1105.7	1100.9	1081.6	1059.2	1033.6	1005.9	976.7
-72.5°	887.1	903.7	906.5	906.1	906.5	903.7	887.1	868.5	848.1	826.4	804.0
-75°	742.6	755.8	756.2	754.6	756.2	755.8	742.6	728.5	713.4	697.6	680.7
-77.5°	646.7	656.5	658.5	659.6	658.5	656.5	646.7	636.3	625.3	613.3	599.2
-80°	578.6	588.0	587.7	586.6	587.7	588.0	578.6	568.7	558.4	547.5	535.6
-82.5°	507.4	515.4	515.5	515.0	515.5	515.4	507.4	499.0	490.4	481.5	471.7
-85°	432.2	437.3	437.1	436.5	437.1	437.3	432.2	426.9	421.3	415.4	407.4
-87.5°	365.2	368.9	369.1	369.1	369.1	368.9	365.2	361.5	357.7	353.8	347.8
-90°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	302.3	297.8	293.3	288.2	283.0	277.9	272.7	265.1	257.6	250.0	242.4
87.5°	2.1	2.4	2.7	2.7	2.7	2.7	2.8	3.1	3.5	3.8	4.1
85°	2.1	2.5	2.8	2.8	2.8	2.8	2.8	3.1	3.5	3.8	4.1
82.5°	2.7	2.7	2.8	3.0	3.2	3.3	3.4	3.5	3.7	3.9	4.1
80°	2.8	2.8	2.8	3.2	3.5	3.8	4.1	4.2	4.1	4.1	4.2
77.5°	2.8	2.8	2.9	3.2	3.5	3.9	4.2	4.5	4.7	4.9	4.9
75°	4.1	4.1	4.1	4.4	4.3	4.1	4.2	4.6	4.9	5.3	5.5
72.5°	9.3	8.9	8.7	8.6	8.4	8.4	8.2	7.5	6.8	6.0	5.7
70°	14.1	14.5	15.3	16.2	16.4	16.0	15.5	14.1	11.7	10.0	9.0
67.5°	14.7	15.8	17.7	19.9	21.1	21.9	23.6	24.5	23.4	20.8	16.0
65°	12.0	13.9	16.0	17.8	20.1	23.1	29.2	32.6	33.4	32.4	27.0
62.5°	7.5	9.1	11.0	13.2	15.6	19.8	27.8	34.4	39.9	41.7	35.8
60°	4.0	4.3	6.6	8.8	10.9	15.5	23.7	32.5	41.8	42.9	41.0
57.5°	4.5	5.2	7.2	8.3	8.5	14.0	21.2	28.2	36.8	41.7	41.9
55°	10.0	11.7	13.9	14.3	13.9	20.0	23.7	27.8	35.7	40.7	43.8
52.5°	32.6	41.7	42.0	30.8	33.2	40.7	35.5	38.0	44.7	51.1	51.6
50°	129.0	131.9	118.8	96.8	105.7	94.2	83.4	69.9	79.5	81.5	70.4
47.5°	319.9	293.8	261.9	236.7	230.8	227.5	197.7	161.0	171.7	138.1	121.6
45°	543.7	504.4	452.9	410.2	376.0	360.5	353.7	330.7	308.8	278.9	195.7
42.5°	1020.1	836.2	684.2	618.0	527.7	489.9	468.9	465.2	454.9	435.9	372.7
40°	1597.1	1581.3	1315.7	958.6	794.1	637.7	584.3	561.3	561.1	557.7	523.3
37.5°	1900.0	1860.4	1788.2	1622.1	1242.0	973.2	775.1	667.1	640.0	638.6	614.7
35°	1969.9	1960.7	1958.4	1883.3	1759.3	1495.5	1150.9	867.1	735.4	705.4	692.3
32.5°	2021.8	2039.1	2048.0	2032.3	2041.9	2033.9	1705.3	1265.1	878.5	789.5	757.7
30°	2096.8	2121.8	2133.3	2170.9	2246.2	2278.7	2276.9	1761.1	1225.4	878.4	828.6
27.5°	2194.5	2214.5	2239.3	2365.5	2430.5	2475.9	2503.7	2354.4	1610.1	1123.3	911.4
25°	2393.5	2330.3	2474.0	2603.8	2660.5	2685.4	2757.5	2690.4	2182.4	1410.9	997.4
22.5°	2700.7	2614.0	2675.9	2887.8	2908.9	2924.9	2976.9	2992.9	2754.1	1826.7	1248.2
20°	3078.1	2917.1	2901.7	3012.8	3118.6	3137.0	3193.2	3219.2	2998.1	2334.7	1532.4
17.5°	3572.1	3249.8	3095.2	3130.6	3254.0	3316.8	3375.0	3392.8	3238.8	2792.1	1818.0
15°	4433.4	3635.0	3347.2	3280.2	3361.2	3468.0	3544.4	3601.1	3454.8	3088.7	2198.1
12.5°	7206.0	4075.0	3590.2	3386.5	3428.5	3578.1	3695.0	3765.0	3625.0	3287.3	2573.8
10°	10369.7	5215.6	3914.0	3590.2	3517.7	3648.2	3799.7	3846.8	3740.0	3451.3	2891.0
7.5°	15610.5	6698.0	4219.6	3787.3	3631.7	3707.6	3844.7	3903.3	3837.6	3580.6	3152.6
5°	19379.5	7905.8	4513.9	3982.4	3758.7	3801.1	3895.8	3961.6	3918.8	3680.9	3362.0
2.5°	22324.8	9031.9	4771.4	4153.6	3879.2	3908.7	3998.8	4022.2	3954.6	3693.7	3446.9
0°	24257.4	9544.6	4874.9	4238.7	3970.1	3993.6	4180.8	4085.8	3964.6	3678.2	3490.9
-2.5°	24061.4	9293.4	4920.5	4297.2	4057.6	4102.2	4325.3	4330.1	4055.8	3716.9	3524.9
-5°	22786.7	9284.1	5020.6	4388.6	4166.1	4227.6	4451.5	4480.7	4136.5	3769.7	3515.2
-7.5°	18430.7	8314.1	5033.8	4456.1	4279.1	4370.1	4563.6	4541.7	4232.2	3923.4	3557.3
-10°	12330.0	6615.2	4977.8	4527.7	4409.2	4533.3	4681.9	4600.2	4328.2	4067.0	3539.6
-12.5°	9113.1	5582.2	4902.1	4577.1	4559.9	4742.3	4817.1	4657.5	4431.8	4200.0	3455.1
-15°	6357.9	5324.9	4888.7	4727.2	4775.8	4928.5	4931.8	4694.1	4488.1	4288.9	3298.6
-17.5°	5550.8	5125.0	4880.5	4871.0	5019.4	5077.8	4955.8	4728.2	4510.2	4149.2	3008.7
-20°	5179.3	4984.6	5012.0	5117.6	5238.1	5231.9	4971.2	4752.6	4493.6	3767.9	2675.4



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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°	5013.4	5056.9	5178.2	5385.6	5418.8	5242.5	4994.7	4754.5	4437.6	3318.0	2329.8
-25°	5083.9	5249.9	5471.8	5558.8	5489.5	5237.2	5005.9	4707.0	3953.6	2872.5	2028.0
-27.5°	5314.5	5558.5	5703.6	5678.6	5473.6	5228.9	4958.2	4526.1	3394.3	2479.6	2013.6
-30°	5616.2	5743.9	5790.3	5689.4	5437.1	5181.3	4878.9	3865.3	2889.9	2152.5	1980.5
-32.5°	5806.1	5804.7	5757.1	5590.7	5372.0	5110.0	4229.3	3203.2	2369.9	2105.1	1957.1
-35°	5851.3	5734.3	5576.7	5424.0	5314.0	4461.4	3484.5	2598.1	2217.7	2056.6	1935.3
-37.5°	5712.1	5511.7	5326.2	5095.4	4439.0	3619.0	2708.6	2299.8	2141.6	2028.2	1917.1
-40°	5387.9	5170.8	4642.7	4081.3	3412.2	2645.1	2358.2	2201.5	2099.0	2000.7	1898.6
-42.5°	4569.9	4091.6	3582.9	3004.6	2497.6	2372.7	2250.0	2151.8	2058.3	1970.3	1827.0
-45°	3395.8	2967.1	2545.9	2448.3	2335.4	2258.9	2190.7	2107.5	2023.9	1886.9	1733.7
-47.5°	2503.4	2437.1	2360.6	2306.4	2248.3	2189.1	2135.7	2065.1	1922.8	1777.1	1619.4
-50°	2332.5	2301.8	2266.3	2227.9	2184.6	2135.5	2047.3	1937.8	1797.9	1649.6	1498.3
-52.5°	2254.4	2224.2	2194.7	2164.6	2093.2	1998.8	1899.5	1787.3	1657.2	1513.2	1368.1
-55°	2180.0	2126.7	2066.8	2001.9	1929.4	1834.3	1733.7	1624.3	1502.8	1367.1	1237.5
-57.5°	2000.5	1941.8	1881.4	1816.4	1747.0	1653.9	1551.4	1446.5	1341.0	1220.5	1105.3
-60°	1796.4	1738.3	1677.9	1610.8	1537.4	1453.4	1366.8	1273.6	1173.9	1082.0	988.9
-62.5°	1572.4	1513.7	1457.9	1400.2	1340.1	1273.7	1193.5	1115.2	1035.4	953.0	867.2
-65°	1347.6	1296.0	1248.1	1203.6	1156.6	1106.3	1037.2	966.0	893.0	818.5	742.8
-67.5°	1138.6	1097.3	1059.1	1021.2	980.5	936.3	876.4	812.5	755.2	699.3	640.3
-70°	944.3	908.7	874.3	840.6	809.4	778.6	736.9	689.2	639.9	598.9	560.9
-72.5°	779.6	753.2	727.6	703.5	676.8	655.2	629.5	597.9	565.4	531.9	500.9
-75°	662.7	643.6	625.3	609.9	593.3	575.7	556.9	533.4	510.0	486.7	463.1
-77.5°	584.7	569.8	555.5	544.6	533.1	521.0	506.3	486.0	465.8	445.4	424.8
-80°	523.5	511.0	498.7	489.1	479.1	468.7	456.9	439.3	421.5	403.6	385.5
-82.5°	461.7	451.3	440.9	432.7	424.2	415.4	405.8	390.6	375.4	360.1	344.8
-85°	399.2	390.8	382.3	375.8	369.1	362.3	355.0	342.5	329.9	317.2	304.4
-87.5°	341.7	335.6	329.5	324.5	319.3	314.1	308.6	298.8	289.1	279.3	269.5
-90°	1.4	1.4	1.4	1.8	2.1	2.5	2.8	3.1	3.5	3.8	4.1



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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°	233.5	224.5	215.6	206.6	194.6	182.5	170.5	158.4	145.7	132.9	120.2
87.5°	4.1	4.1	4.1	4.1	4.5	4.8	5.2	5.5	5.5	5.5	5.5
85°	4.1	4.1	4.1	4.1	4.5	4.8	5.2	5.5	5.5	5.5	5.5
82.5°	4.1	4.1	4.1	4.1	4.5	4.8	5.2	5.5	5.6	5.5	5.5
80°	4.4	4.5	4.6	4.6	4.7	4.9	5.2	5.6	5.9	6.0	5.9
77.5°	4.9	5.0	5.2	5.4	5.5	5.6	5.6	5.8	6.3	6.6	6.6
75°	5.5	5.4	5.4	5.7	6.2	6.3	6.3	6.6	7.1	7.2	7.3
72.5°	5.9	5.9	5.8	6.0	6.7	7.1	7.2	7.5	8.3	8.5	8.2
70°	8.0	6.9	6.5	7.3	7.9	8.1	8.3	9.0	9.5	9.9	9.6
67.5°	11.6	10.3	9.0	9.1	9.8	10.1	9.7	10.9	11.7	11.4	11.2
65°	21.3	16.2	12.4	13.3	13.1	12.4	12.2	13.3	14.1	13.9	12.7
62.5°	30.0	24.2	20.4	19.0	17.8	16.7	15.1	16.9	16.9	16.6	15.1
60°	37.8	31.5	29.4	28.3	25.1	21.9	21.0	20.8	20.9	19.5	17.9
57.5°	39.9	37.6	40.0	38.8	35.2	29.8	28.2	27.5	25.2	23.4	21.0
55°	41.8	42.3	51.4	51.7	46.8	40.2	38.3	36.1	30.7	27.7	24.8
52.5°	48.5	55.1	64.5	66.4	61.2	53.9	52.7	45.5	39.9	32.3	30.0
50°	64.1	76.7	84.3	84.8	77.5	74.7	68.6	60.4	49.8	38.4	35.8
47.5°	108.2	118.9	112.3	108.3	99.4	99.1	91.2	77.0	60.3	48.0	41.9
45°	196.5	186.4	161.4	140.6	132.4	131.4	118.2	94.7	76.4	60.0	48.6
42.5°	304.0	282.4	244.4	177.5	178.2	169.2	148.1	121.1	93.4	72.5	57.9
40°	449.9	395.7	343.1	273.8	230.7	211.4	186.0	150.7	111.5	87.0	69.1
37.5°	583.2	515.8	457.4	369.1	295.6	264.5	227.5	182.3	134.8	105.2	80.6
35°	663.8	624.8	558.6	461.4	379.4	321.8	272.0	217.8	164.0	123.8	92.4
32.5°	733.1	709.9	642.4	549.5	458.3	383.0	323.1	254.8	192.7	142.7	104.3
30°	797.7	773.1	725.6	631.4	533.3	452.1	374.5	290.3	220.7	161.9	117.2
27.5°	865.2	836.7	803.8	707.7	605.3	516.8	418.2	324.1	248.0	182.8	133.0
25°	934.6	898.9	862.6	783.0	672.0	568.1	459.9	356.5	276.1	205.8	148.6
22.5°	1013.7	958.8	921.0	857.4	732.4	620.1	501.8	392.1	303.6	227.9	164.0
20°	1092.0	1016.5	977.3	917.5	792.5	672.0	544.7	425.7	329.5	249.1	179.1
17.5°	1196.9	1077.4	1021.9	959.9	848.9	722.0	586.8	457.3	353.7	269.3	193.9
15°	1443.5	1143.0	1066.3	1000.9	900.2	769.8	627.7	486.7	376.3	288.3	207.4
12.5°	1701.6	1208.1	1110.7	1040.3	946.6	815.2	666.8	513.8	397.2	305.7	219.3
10°	1961.8	1271.7	1154.6	1077.8	988.2	857.7	703.8	541.7	420.0	321.5	230.1
7.5°	2214.2	1333.0	1197.4	1113.4	1025.4	894.5	738.8	574.2	442.2	336.1	239.9
5°	2430.3	1387.3	1240.4	1151.7	1059.7	924.5	769.4	604.8	463.2	349.5	248.7
2.5°	2534.7	1430.6	1282.0	1188.6	1090.8	950.4	795.7	632.9	482.5	361.4	256.4
0°	2594.4	1468.0	1320.6	1222.9	1118.2	972.2	818.0	658.2	499.9	371.8	263.0
-2.5°	2590.0	1503.5	1357.6	1259.0	1157.3	1001.9	836.2	672.3	513.3	383.9	272.0
-5°	2543.6	1533.9	1391.4	1292.5	1191.7	1027.0	850.6	683.2	524.3	394.2	279.8
-7.5°	2510.4	1568.6	1424.7	1324.0	1220.7	1046.5	860.9	690.9	533.0	402.6	286.3
-10°	2438.9	1602.8	1458.2	1353.3	1238.4	1059.5	867.8	695.4	539.4	408.8	291.6
-12.5°	2312.6	1629.9	1487.4	1379.0	1249.8	1066.7	875.7	700.2	543.7	412.9	295.4
-15°	2129.4	1649.1	1512.0	1400.5	1255.8	1069.2	879.0	702.8	547.5	415.2	297.7
-17.5°	1887.3	1660.2	1531.7	1417.7	1256.3	1066.8	877.4	701.7	548.7	416.0	299.4
-20°	1848.4	1674.1	1546.6	1430.4	1251.3	1059.8	871.0	696.7	547.0	414.5	300.3



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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°	1850.3	1691.7	1563.1	1423.3	1239.7	1048.0	859.7	687.7	542.5	410.8	299.5
-25°	1844.7	1703.5	1577.7	1415.7	1221.7	1031.4	844.9	674.8	535.1	404.9	297.0
-27.5°	1846.0	1711.3	1589.4	1401.1	1204.1	1009.1	827.1	663.8	525.4	396.6	292.8
-30°	1846.4	1719.6	1573.0	1378.3	1179.4	984.1	804.7	649.7	513.9	388.9	286.8
-32.5°	1835.7	1725.1	1542.6	1344.7	1146.8	953.6	779.3	632.3	499.8	380.7	283.6
-35°	1826.6	1692.2	1504.0	1303.2	1107.0	922.2	753.8	611.6	483.1	370.4	280.5
-37.5°	1809.7	1633.0	1450.5	1253.5	1060.5	885.5	728.9	590.1	463.7	357.9	276.2
-40°	1738.2	1562.8	1380.9	1195.6	1012.9	843.7	699.6	565.6	445.8	343.3	270.7
-42.5°	1658.3	1480.3	1303.6	1128.6	961.6	806.4	666.2	537.1	426.4	332.7	264.1
-45°	1561.8	1390.2	1219.3	1060.4	906.6	764.4	630.0	505.9	404.4	323.6	258.3
-47.5°	1457.7	1292.3	1135.0	987.0	854.0	717.9	589.4	478.2	380.2	313.1	254.5
-50°	1345.0	1193.0	1049.4	917.1	792.9	667.5	547.2	447.6	365.3	300.3	250.0
-52.5°	1229.4	1094.3	966.3	846.1	728.0	612.2	509.4	415.7	348.7	291.1	244.6
-55°	1112.5	999.6	884.4	770.3	659.0	562.4	468.7	394.3	330.2	283.1	238.7
-57.5°	1004.7	905.3	797.0	690.0	595.6	510.8	435.7	371.0	317.9	274.2	233.5
-60°	896.0	802.4	704.6	616.7	534.9	465.8	406.7	349.8	306.7	265.0	227.3
-62.5°	781.3	698.9	623.8	546.0	484.0	429.9	378.4	336.1	294.7	256.7	220.3
-65°	676.8	610.1	544.7	494.0	443.3	397.2	361.3	321.5	283.7	247.6	212.7
-67.5°	580.7	538.0	495.0	448.4	411.0	376.8	342.9	307.6	272.2	237.9	204.5
-70°	522.1	483.1	451.3	419.9	387.6	355.7	325.6	293.5	260.1	227.2	195.7
-72.5°	474.4	448.0	421.6	393.4	364.3	335.8	307.9	278.5	246.6	215.9	186.4
-75°	439.1	415.4	392.1	367.6	341.1	315.0	288.9	261.8	232.4	204.0	176.5
-77.5°	403.7	382.9	362.4	340.7	316.2	292.2	268.6	244.5	217.5	191.3	166.1
-80°	367.1	348.7	330.5	311.8	290.2	268.8	247.5	226.1	201.8	178.2	155.4
-82.5°	329.2	313.6	298.0	282.0	263.0	244.2	225.6	207.0	185.5	164.6	145.3
-85°	291.2	278.0	264.7	251.2	235.1	219.1	204.2	189.2	171.5	154.1	137.2
-87.5°	259.1	248.7	238.2	227.8	214.4	200.9	187.5	174.0	158.7	143.6	128.8
-90°	4.1	4.1	4.1	4.1	4.5	4.8	5.2	5.5	5.5	5.5	5.5



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	107.4	89.5	71.6	53.7	35.8	22.0	8.3
87.5°	5.5	5.7	5.7	5.8	5.7	7.1	8.3
85°	5.5	5.8	6.0	6.0	6.0	7.4	8.3
82.5°	5.5	6.0	6.2	6.3	6.3	7.6	8.3
80°	5.6	6.1	6.5	6.6	6.5	7.9	8.3
77.5°	6.4	6.6	6.8	6.9	6.8	8.1	8.3
75°	7.3	7.6	7.2	7.2	7.1	8.4	8.3
72.5°	8.2	8.6	8.2	7.5	7.5	8.7	8.3
70°	9.2	9.6	9.2	7.9	7.8	8.9	8.3
67.5°	11.0	10.6	10.2	8.8	8.2	9.2	8.3
65°	12.9	12.2	11.3	9.7	8.6	9.5	8.3
62.5°	14.9	14.2	12.3	10.6	9.0	9.7	8.3
60°	17.1	16.3	13.4	11.5	9.4	10.0	8.3
57.5°	20.4	18.5	15.3	12.5	10.3	10.3	8.3
55°	24.1	20.7	17.3	13.4	11.3	10.6	8.3
52.5°	28.0	23.3	19.3	14.4	12.3	10.9	8.3
50°	32.2	26.9	21.4	15.3	13.3	11.2	8.3
47.5°	36.7	30.7	23.5	16.4	14.3	11.5	8.3
45°	42.5	34.5	25.6	18.0	15.4	11.8	8.3
42.5°	48.5	38.5	27.7	19.6	16.5	12.1	8.3
40°	54.8	42.5	30.4	21.7	17.7	12.4	8.3
37.5°	61.3	46.7	33.5	24.2	18.8	12.6	8.3
35°	68.1	51.6	36.7	26.6	20.0	12.9	8.3
32.5°	75.8	56.9	39.9	29.2	21.2	13.2	8.3
30°	85.4	62.3	43.0	31.7	22.4	13.5	8.3
27.5°	95.1	67.7	47.5	34.3	23.7	13.8	8.3
25°	104.6	73.0	52.0	36.9	24.9	14.1	8.3
22.5°	114.0	78.7	56.6	39.5	26.1	14.4	8.3
20°	123.2	85.3	61.0	42.1	27.3	14.7	8.3
17.5°	132.4	91.6	65.4	44.6	28.5	14.9	8.3
15°	141.3	97.6	69.7	47.2	29.7	15.2	8.3
12.5°	149.7	103.4	73.9	49.6	30.8	15.4	8.3
10°	157.6	109.0	77.9	52.0	31.9	15.7	8.3
7.5°	164.9	114.2	81.8	54.3	33.0	15.9	8.3
5°	171.6	119.2	85.5	56.5	34.0	16.1	8.3
2.5°	177.7	123.8	89.0	58.6	34.9	16.3	8.3
0°	183.2	128.1	92.3	60.6	35.8	16.5	8.3
-2.5°	189.7	133.4	96.4	63.8	37.7	17.3	8.3
-5°	195.5	138.4	100.3	66.8	39.6	18.1	8.3
-7.5°	200.7	142.9	103.9	69.7	41.4	18.9	8.3
-10°	205.1	147.1	107.3	72.4	43.1	19.6	8.3
-12.5°	208.8	150.9	110.4	74.9	44.6	20.3	8.3
-15°	211.8	154.3	113.2	77.2	46.1	21.0	8.3
-17.5°	214.1	157.2	115.8	79.4	47.5	21.6	8.3
-20°	216.0	159.7	118.1	81.3	48.7	22.3	8.3



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	217.9	161.8	120.1	83.0	49.8	22.9	8.3
-25°	218.8	163.8	121.8	84.4	50.8	23.4	8.3
-27.5°	218.7	165.4	123.3	85.7	51.6	23.9	8.3
-30°	217.8	166.6	124.5	86.7	52.3	24.4	8.3
-32.5°	215.8	167.2	125.5	87.4	52.8	24.8	8.3
-35°	215.2	167.3	126.1	87.9	53.2	25.2	8.3
-37.5°	214.8	167.1	126.4	88.2	53.4	25.5	8.3
-40°	213.6	167.1	126.3	88.2	53.5	25.8	8.3
-42.5°	211.9	166.6	126.0	88.0	53.4	26.1	8.3
-45°	209.4	165.6	125.3	87.5	53.2	26.2	8.3
-47.5°	206.3	164.1	124.3	86.8	52.8	26.4	8.3
-50°	203.6	162.2	122.9	85.9	52.3	26.5	8.3
-52.5°	200.6	159.8	121.2	84.8	51.6	26.5	8.3
-55°	197.0	157.0	119.1	83.5	50.8	26.5	8.3
-57.5°	192.8	153.8	116.7	81.9	49.8	26.5	8.3
-60°	188.1	150.2	114.0	80.1	48.7	26.4	8.3
-62.5°	182.9	146.1	111.0	78.1	48.2	26.3	8.3
-65°	177.1	141.6	107.8	75.9	47.6	26.1	8.3
-67.5°	170.9	136.7	104.3	73.4	46.8	25.9	8.3
-70°	164.2	131.6	100.4	70.8	46.0	25.6	8.3
-72.5°	157.0	126.0	96.3	69.0	45.0	25.3	8.3
-75°	149.4	120.1	92.0	67.2	44.0	24.9	8.3
-77.5°	141.4	113.9	88.8	65.3	42.8	24.5	8.3
-80°	133.0	108.8	85.7	63.2	41.5	24.1	8.3
-82.5°	126.7	104.3	82.4	61.0	40.2	23.6	8.3
-85°	120.5	99.6	79.0	58.7	38.8	23.1	8.3
-87.5°	114.1	94.6	75.4	56.3	37.3	22.6	8.3
-90°	5.5	5.5	5.5	5.5	5.5	6.9	8.3

(END OF REPORT)