

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: P1305609 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-70-5S-CV1-A**

Issue Date: 2/3/2026

**Test Information**

Test Method: LM-79-08  
Report Number: P1305609 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-34)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-640L-40-70-5S-CV1-A  
Description: EPHEBUS LUMASPORT 8 LUMINAIRE  
(8) 4000K, 70 CRI LEDS AND 5S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

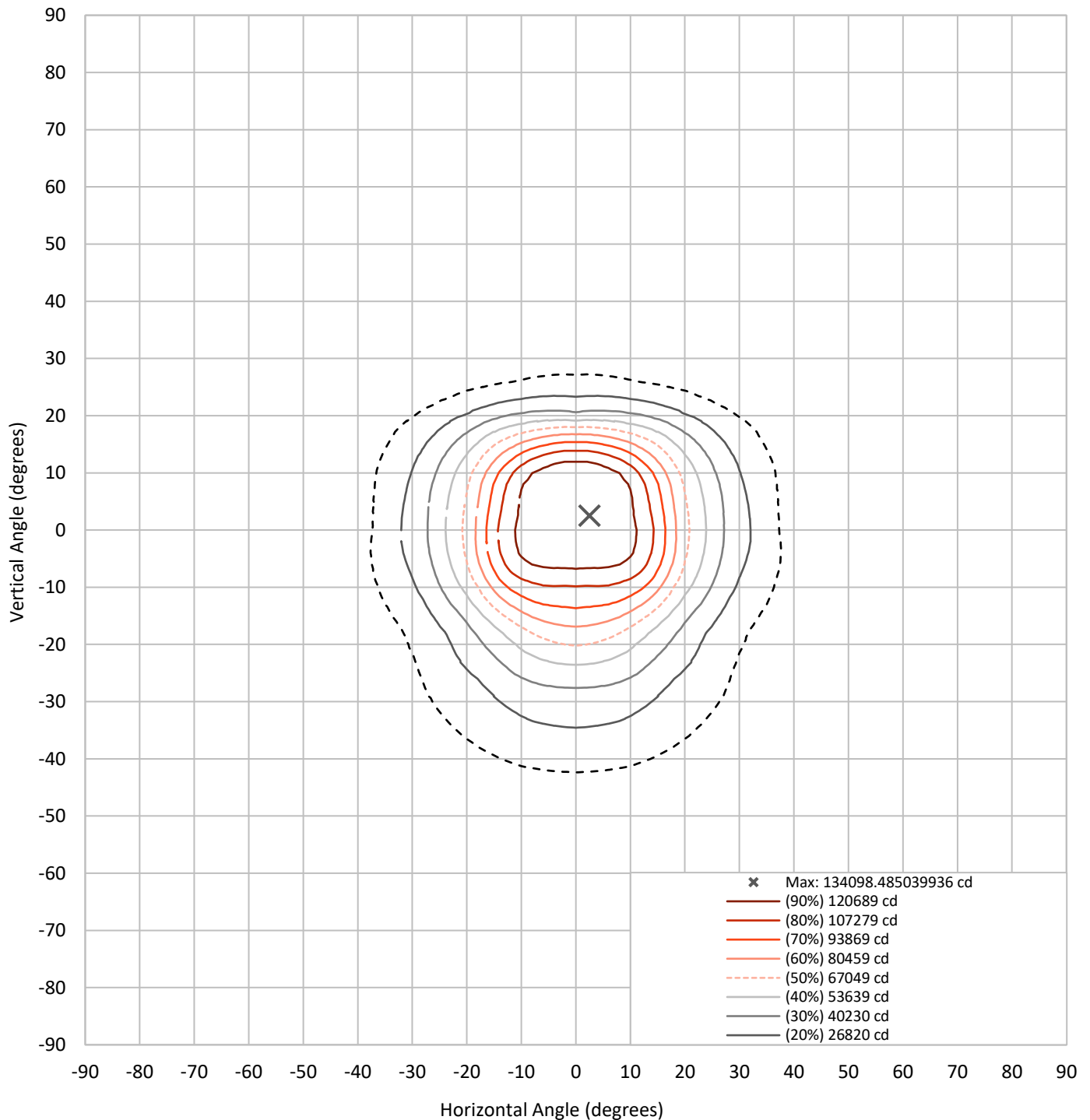
Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	71593.1 lumens	Max Intensity:	134098.5 candela
Efficiency:	N/A	Max Intensity Angle:	2.5°H x 2.5°V
Efficacy:	110.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	41.4°H x 38°V	Field Angle (10%):	74.2°H x 69.6°V
Beam Lumens:	39448.2 lumens	Field Lumens:	66580.2 lumens
Beam Efficiency:	55.1%	Field Efficiency:	93.0%

Input Watts (W): 648  
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





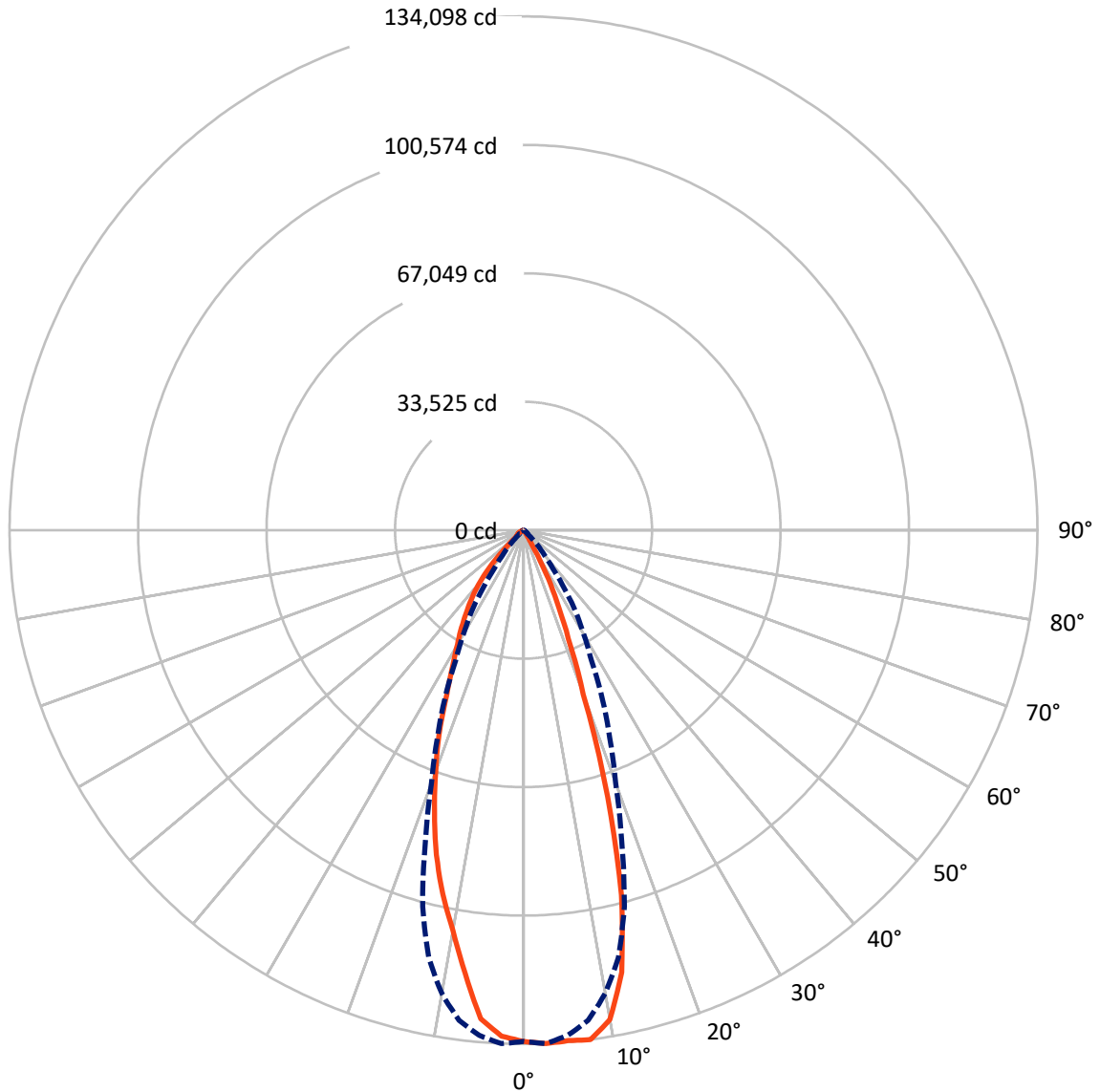
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### Lumen Table

90																			
80	0.1	0.3		0.5		0.5		0.4		0.5		0.5		0.3		0.1			
70	0.1	0.1	0.1	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.4	0.1	0.1	0.1			
60		0.1	0.2	0.7	0.8	0.4	0.3	0.3	0.3	0.3	0.4	0.8	0.7	0.2	0.1				
50	0.1	0.1	0.3	0.5	0.7	0.9	1.1	1.1	1.1	1.1	0.9	0.7	0.5	0.3	0.1	0.1			
40		0.2	0.7	2.2	4.7	10.1	23.8	34.1	34.1	23.8	10.1	4.7	2.2	0.7	0.2				
30	0.2	0.4	3.8	14.3	78.1	239.7	482.3	648.8	648.8	482.3	239.7	78.1	14.3	3.8	0.4	0.2			
20		1.1	9.3	51.6	321.7	915.8	1898.5	2734.2	2734.2	1898.5	915.8	321.7	51.6	9.3	1.1				
10	0.2	1.8	12.6	81.4	462.4	1317.5	2846.5	3936.3	3936.3	2846.5	1317.5	462.4	81.4	12.6	1.8	0.2			
0		2.2	13.5	85.1	465.7	1284.4	2805.2	3718.2	3718.2	2805.2	1284.4	465.7	85.1	13.5	2.2				
-10	0.4	2.6	13.0	57.2	306.2	847.2	1802.1	2563.4	2563.4	1802.1	847.2	306.2	57.2	13.0	2.6	0.4			
-20		2.5	12.3	31.8	180.4	518.8	1008.5	1426.3	1426.3	1008.5	518.8	180.4	31.8	12.3	2.5				
-30	0.3	2.0	10.0	23.7	72.5	286.0	558.1	763.8	763.8	558.1	286.0	72.5	23.7	10.0	2.0	0.3			
-40		1.3	6.5	18.5	35.7	66.5	157.7	245.1	245.1	157.7	66.5	35.7	18.5	6.5	1.3				
-50	0.2	0.7	3.2	10.1	21.9	35.6	48.6	56.3	56.3	48.6	35.6	21.9	10.1	3.2	0.7	0.2			
-60		0.3	1.2	3.4	7.5	12.8	18.8	22.2	22.2	18.8	12.8	7.5	3.4	1.2	0.3				
-70	0.1	0.7		2.5		6.0		8.0		6.0		2.5		0.7		0.1			
-80		0.7		2.5		6.0		8.0		6.0		2.5		0.7					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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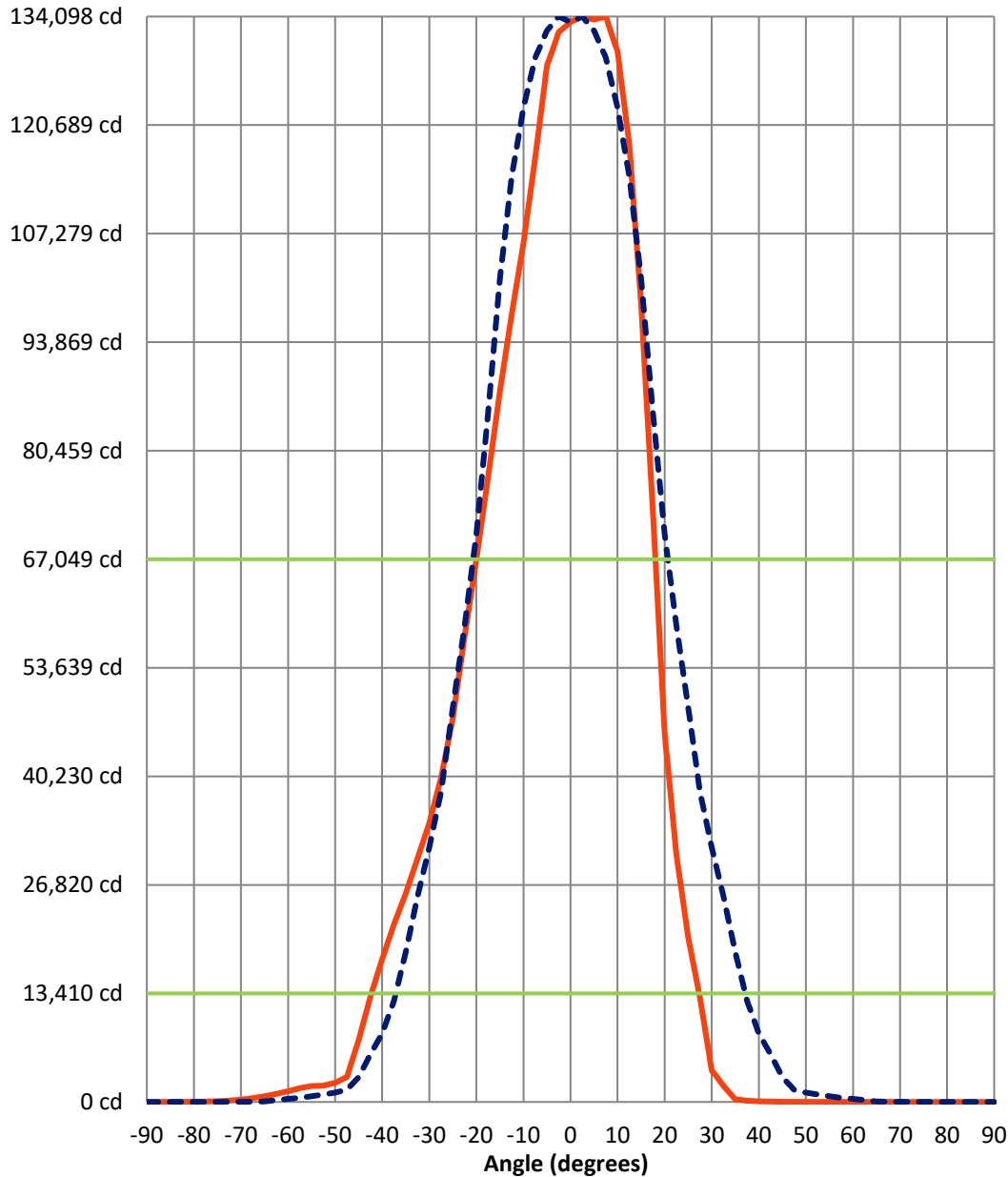
### Luminous Intensity Polar Plot



— Vertical Distribution Through 2.5-Deg    - - - Horizontal Distribution Through 2.5-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 41.4°  
 V Angle: 38°  
 Lumens: 39448.2  
 Efficiency: 55.1%

**Field:**  
 H Angle: 74.2°  
 V Angle: 69.6°  
 Lumens: 66580.2  
 Efficiency: 93.0%

**Spill:**  
 Lumens: 5012.9  
 Efficiency: 7.0%

— Vertical Distribution through 2.5-Deg  
 - - Horizontal Distribution through 2.5-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°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
87.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.3	4.8	4.3	3.8
85°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.3	4.8	4.3	3.8
82.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.3	4.9	4.5	4.4
80°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.4	5.2	5.1	5.2
77.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.6	5.5	5.7	5.8
75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.8	5.8	5.8
72.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
70°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
67.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
65°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
62.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
60°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
57.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.9	5.8	5.8	5.8	6.0
55°	5.8	5.8	5.8	5.8	5.8	5.8	6.0	5.9	5.8	5.9	6.3
52.5°	5.8	5.8	5.8	5.8	5.8	5.8	6.2	6.0	5.8	6.3	6.7
50°	5.8	5.8	5.8	5.8	5.8	6.0	6.3	6.1	5.9	6.8	7.7
47.5°	5.8	5.8	5.8	5.8	5.8	6.2	6.5	6.2	6.5	7.3	8.6
45°	5.8	5.8	5.8	5.8	5.8	6.4	6.6	6.3	7.0	8.1	9.5
42.5°	5.8	5.8	5.8	5.8	5.8	6.6	6.7	6.6	7.6	8.7	10.1
40°	5.8	5.8	5.8	5.8	5.9	6.9	6.8	7.1	8.2	9.3	10.7
37.5°	5.8	5.8	5.8	5.9	6.1	7.1	6.9	7.6	8.7	9.9	11.2
35°	5.8	5.8	5.8	5.9	6.3	7.3	7.0	8.0	9.3	10.6	11.9
32.5°	5.8	5.8	5.8	6.0	6.5	7.4	7.2	8.5	9.8	11.3	13.4
30°	5.8	5.8	5.8	6.1	6.7	7.4	7.5	8.9	10.3	12.1	15.3
27.5°	5.8	5.8	5.8	6.2	6.9	7.5	7.9	9.3	10.8	12.9	17.4
25°	5.8	5.8	5.8	6.3	7.1	7.6	8.2	9.7	11.5	14.3	19.9
22.5°	5.8	5.8	5.8	6.4	7.2	7.7	8.6	10.1	12.1	16.1	24.4
20°	5.8	5.8	5.8	6.6	7.4	7.7	8.9	10.5	12.8	18.1	29.3
17.5°	5.8	5.8	5.8	6.7	7.5	7.7	9.1	10.8	13.5	20.1	34.4
15°	5.8	5.8	5.8	6.8	7.6	7.7	9.2	11.0	14.1	22.1	39.7
12.5°	5.8	5.8	5.8	7.0	7.6	7.7	9.3	11.2	14.7	24.1	45.0
10°	5.8	5.8	5.8	7.1	7.7	7.7	9.4	11.3	15.3	26.4	50.3
7.5°	5.8	5.8	5.8	7.3	7.7	7.7	9.5	11.4	15.9	28.6	55.2
5°	5.8	5.8	5.8	7.4	7.7	7.7	9.6	11.4	16.4	30.8	59.6
2.5°	5.8	5.8	5.8	7.6	7.7	7.7	9.6	11.5	16.9	32.8	63.7
0°	5.8	5.8	5.8	7.7	7.7	7.7	9.6	11.5	17.3	34.5	67.1
-2.5°	5.8	5.8	5.9	7.7	7.7	7.9	10.1	13.6	23.1	45.0	83.7
-5°	5.8	5.8	6.0	7.7	7.7	8.1	10.6	15.6	28.7	55.0	99.3
-7.5°	5.8	5.8	6.0	7.7	7.7	8.3	11.0	17.4	33.8	64.2	113.5
-10°	5.8	5.8	6.1	7.6	7.7	8.5	11.4	19.0	38.3	72.4	126.1
-12.5°	5.8	5.8	6.2	7.6	7.7	8.6	11.7	20.4	42.0	79.4	138.1
-15°	5.8	5.8	6.3	7.6	7.7	8.7	11.9	21.3	45.5	86.3	148.4
-17.5°	5.8	5.8	6.3	7.6	7.7	8.8	12.1	22.9	48.9	91.5	155.9
-20°	5.8	5.8	6.4	7.5	7.7	8.8	12.6	24.8	51.2	95.0	160.3



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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°	5.8	5.8	6.4	7.5	7.7	8.8	13.6	26.2	52.3	96.5	161.4
-25°	5.8	5.8	6.5	7.5	7.7	9.0	14.3	26.9	52.3	95.9	158.9
-27.5°	5.8	5.8	6.5	7.5	7.7	9.2	14.6	26.9	50.9	94.2	157.8
-30°	5.8	5.8	6.5	7.5	7.7	9.2	14.6	26.3	50.0	92.4	154.1
-32.5°	5.8	5.8	6.5	7.5	7.8	9.1	14.3	26.1	49.2	88.8	147.3
-35°	5.8	5.8	6.5	7.6	7.9	8.9	14.0	25.7	47.4	83.3	137.6
-37.5°	5.8	5.8	6.5	7.6	7.9	8.7	13.8	24.7	44.5	75.9	125.0
-40°	5.8	5.8	6.4	7.7	8.0	8.8	13.2	23.2	40.6	70.4	112.6
-42.5°	5.8	5.8	6.4	7.7	8.0	8.8	12.5	21.0	37.5	63.8	98.8
-45°	5.8	5.8	6.4	7.7	8.0	8.8	11.5	18.9	34.3	56.3	84.4
-47.5°	5.8	5.8	6.3	7.7	8.0	8.8	10.3	17.4	30.3	48.1	75.1
-50°	5.8	5.8	6.2	7.6	8.0	8.8	10.0	15.6	25.4	42.4	65.0
-52.5°	5.8	5.8	6.1	7.4	7.9	8.7	9.9	13.5	21.9	36.1	54.3
-55°	5.8	5.8	6.0	7.2	7.9	8.6	9.7	11.3	19.0	29.1	46.2
-57.5°	5.8	5.8	5.9	7.1	7.8	8.4	9.5	10.9	15.7	24.4	37.3
-60°	5.8	5.8	5.8	6.9	7.7	8.2	9.2	10.6	12.8	20.1	29.2
-62.5°	5.8	5.8	5.8	6.7	7.5	8.0	8.9	10.1	12.1	15.5	23.7
-65°	5.8	5.8	5.8	6.6	7.3	7.8	8.5	9.6	11.2	13.6	17.9
-67.5°	5.8	5.8	5.8	6.4	7.2	7.6	8.2	9.2	10.3	12.3	14.9
-70°	5.8	5.8	5.8	6.2	7.0	7.5	7.8	8.7	9.7	10.8	13.0
-72.5°	5.8	5.8	5.8	6.2	6.9	7.4	7.7	8.2	9.2	10.2	11.2
-75°	5.8	5.8	5.8	6.1	6.7	7.3	7.7	8.0	8.6	9.5	10.4
-77.5°	5.8	5.8	5.8	6.1	6.6	7.2	7.7	7.9	8.3	8.9	9.7
-80°	5.8	5.8	5.8	6.0	6.4	7.0	7.7	7.8	8.0	8.4	9.0
-82.5°	5.8	5.8	5.8	6.0	6.3	6.7	7.3	7.5	7.7	7.9	8.2
-85°	5.8	5.8	5.8	5.9	6.1	6.4	6.8	6.9	7.1	7.3	7.4
-87.5°	5.8	5.8	5.8	5.9	6.0	6.1	6.3	6.4	6.4	6.5	6.6
-90°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.3	4.8	4.3	3.8



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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°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
87.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
85°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
82.5°	4.4	4.3	4.1	3.8	3.8	3.8	3.8	4.0	4.1	4.1	4.0
80°	5.1	4.9	4.4	3.9	4.0	4.3	4.8	5.4	5.3	4.9	4.6
77.5°	5.4	4.9	4.4	3.9	4.2	4.9	5.4	5.7	5.7	5.6	5.7
75°	5.5	5.0	4.7	4.7	5.2	5.6	5.8	6.2	6.4	6.5	6.3
72.5°	5.6	5.4	5.4	5.8	5.8	6.1	6.6	7.3	7.7	7.6	7.5
70°	5.7	5.8	5.8	5.8	5.9	6.6	7.5	8.5	9.2	9.5	10.5
67.5°	5.8	5.8	5.8	5.9	6.6	7.7	8.7	11.0	13.8	14.9	16.0
65°	5.8	5.8	6.0	6.7	7.6	9.1	11.5	14.9	20.5	23.2	24.4
62.5°	5.8	5.9	6.4	7.5	8.6	10.6	15.5	21.8	29.0	32.9	32.1
60°	5.8	6.0	7.3	8.7	10.2	14.5	20.9	28.2	37.3	43.8	39.3
57.5°	6.0	6.8	8.7	10.5	13.7	18.0	24.5	33.2	42.5	52.4	45.3
55°	6.7	8.4	10.2	12.8	16.3	19.5	26.0	34.2	44.5	50.8	44.6
52.5°	8.0	9.8	11.5	14.5	17.8	20.4	24.3	32.0	38.1	43.2	39.8
50°	9.3	10.5	12.4	15.8	18.8	20.5	20.2	26.1	31.1	33.4	33.8
47.5°	10.1	11.3	13.5	17.0	19.4	19.9	18.1	21.1	24.9	27.2	26.4
45°	10.8	12.6	15.0	18.0	19.8	19.2	18.9	17.8	22.5	24.6	25.0
42.5°	11.4	14.0	16.9	19.3	20.0	21.0	21.5	21.6	24.0	28.8	31.2
40°	12.6	15.4	19.2	21.3	21.6	24.9	28.3	30.9	32.6	39.1	43.8
37.5°	13.8	17.8	22.4	25.8	26.4	32.2	37.4	54.4	57.9	52.8	69.5
35°	14.9	20.5	28.3	36.4	41.1	42.5	65.9	88.9	98.8	96.7	110.7
32.5°	16.9	23.4	36.0	54.4	72.6	77.3	102.2	141.1	175.9	189.9	181.3
30°	20.2	30.6	48.4	77.3	118.5	163.8	170.9	214.1	284.3	341.6	427.2
27.5°	25.2	39.9	70.3	119.4	185.3	278.0	300.7	338.2	442.7	586.4	862.3
25°	30.9	63.6	95.3	175.4	297.4	406.1	449.0	519.7	640.8	1105.4	1740.7
22.5°	43.6	95.1	146.7	240.0	428.2	540.5	617.8	736.5	1024.5	1766.3	3003.0
20°	66.3	138.9	211.8	321.4	566.5	682.2	786.1	966.7	1609.6	2988.9	4998.9
17.5°	93.1	186.3	279.1	419.7	641.1	799.3	960.2	1202.7	2223.6	4414.8	7085.3
15°	123.0	236.2	342.3	504.7	706.5	876.5	1101.2	1660.0	3198.3	6042.8	9001.8
12.5°	155.0	287.9	401.5	577.3	767.1	949.1	1216.7	2050.9	4214.4	7521.8	10970.8
10°	187.9	340.0	456.8	638.5	822.7	1016.3	1321.3	2408.0	4930.8	8076.6	11914.0
7.5°	208.3	372.7	501.4	689.4	872.9	1077.6	1414.1	2723.4	5437.7	8356.5	12302.6
5°	223.7	380.9	505.8	704.3	904.9	1126.4	1486.5	2987.9	5752.7	8396.1	12422.6
2.5°	235.4	384.3	506.7	708.9	924.2	1159.4	1511.2	3075.5	5897.2	8473.0	12505.6
0°	243.4	383.4	504.1	707.3	937.4	1184.7	1520.1	3092.0	5900.3	8522.6	12536.6
-2.5°	256.4	397.1	529.8	737.0	952.2	1190.0	1532.5	3179.0	6186.6	9059.1	13482.6
-5°	265.7	407.4	551.1	760.2	961.0	1187.4	1530.5	3183.8	6222.5	9183.5	13521.0
-7.5°	271.4	414.2	567.2	774.0	953.4	1157.5	1478.2	2926.4	5675.0	8620.4	12602.3
-10°	274.8	422.9	578.6	765.9	924.9	1108.5	1403.9	2608.2	5020.2	7895.9	11492.2
-12.5°	281.2	433.1	586.1	756.6	898.4	1054.5	1316.6	2238.1	4276.6	7010.4	10205.7
-15°	283.1	439.7	589.9	747.5	876.3	996.4	1216.5	1823.5	3531.4	6232.9	8932.1
-17.5°	280.6	442.9	590.1	740.0	860.5	935.2	1114.2	1465.1	2975.8	5478.1	7968.8
-20°	273.5	442.6	586.9	735.5	850.8	915.0	1080.5	1387.0	2498.4	4594.0	7058.7



REPORT NUMBER: P1305609 (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°	261.8	438.9	581.2	727.7	849.8	933.6	1051.9	1288.7	1899.4	3572.9	6115.3
-25°	254.0	422.3	572.3	707.6	844.0	953.5	1021.1	1183.5	1524.3	2793.1	4843.9
-27.5°	250.4	400.1	545.7	678.8	829.2	964.9	1026.9	1145.2	1386.4	1936.6	3504.6
-30°	241.9	362.9	513.8	642.6	794.5	942.0	1049.6	1105.6	1261.5	1582.1	2504.5
-32.5°	224.9	324.7	471.5	603.3	746.5	908.1	1053.7	1108.9	1209.6	1394.2	1739.9
-35°	205.4	300.3	425.3	557.8	688.9	852.7	1006.7	1124.5	1168.7	1302.2	1543.6
-37.5°	188.2	271.8	378.3	506.8	633.7	784.5	953.9	1091.0	1181.9	1240.4	1418.8
-40°	168.3	239.1	339.4	454.7	578.0	715.5	872.4	1032.4	1161.4	1272.2	1347.1
-42.5°	146.5	214.0	299.3	402.7	521.6	649.1	784.9	943.3	1108.4	1266.3	1381.8
-45°	129.4	186.0	257.1	354.2	461.7	579.5	706.6	840.5	1012.9	1191.0	1352.3
-47.5°	110.6	157.7	222.7	301.4	400.9	508.9	624.3	750.8	892.9	1064.3	1249.5
-50°	92.5	134.8	184.9	255.2	338.4	436.4	541.9	652.5	778.2	920.8	1083.7
-52.5°	80.1	110.2	154.8	208.5	280.0	363.2	456.5	554.0	661.3	778.5	912.3
-55°	66.7	92.7	125.1	169.3	223.3	294.3	370.3	456.9	546.0	647.9	750.9
-57.5°	55.0	76.3	101.5	134.0	177.1	226.1	292.2	360.5	439.7	522.1	604.2
-60°	43.8	60.9	81.6	106.3	135.6	176.0	218.0	275.0	338.3	400.4	469.0
-62.5°	33.0	46.8	63.2	82.6	106.3	129.9	163.2	202.3	243.8	294.9	345.2
-65°	26.0	33.9	46.3	61.9	78.8	98.9	119.7	140.8	174.1	207.2	238.7
-67.5°	18.8	25.8	33.0	41.8	56.1	70.3	85.2	103.7	122.2	139.5	159.9
-70°	15.5	18.2	23.9	30.4	36.7	44.3	56.7	69.7	82.8	95.8	110.4
-72.5°	12.9	15.2	17.7	20.4	25.5	30.6	35.5	40.2	48.6	59.3	69.5
-75°	11.3	12.2	14.1	16.3	18.5	20.6	22.9	27.0	31.1	35.2	39.4
-77.5°	10.3	10.9	11.8	12.7	14.0	15.8	17.5	19.2	20.8	22.4	24.0
-80°	9.3	9.6	10.1	10.7	11.4	12.2	13.2	14.2	15.4	16.7	18.0
-82.5°	8.4	8.6	8.9	9.1	9.3	9.5	9.7	10.3	10.9	11.6	12.3
-85°	7.6	7.7	7.8	8.0	8.1	8.2	8.4	8.5	8.6	8.7	8.8
-87.5°	6.7	6.7	6.8	6.9	7.0	7.0	7.1	7.1	7.2	7.3	7.3
-90°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8



REPORT NUMBER: P1305609 (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°
90°	5.8	5.8	5.8	5.8	5.8	5.3	4.8	4.3	3.8	3.8	3.8
87.5°	3.8	3.8	3.8	3.8	3.8	3.3	2.9	2.4	1.9	1.9	1.9
85°	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.3	2.8
82.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.3	2.9
80°	4.4	4.4	4.3	4.1	3.8	3.8	3.8	3.8	3.8	3.4	2.9
77.5°	5.8	5.4	4.9	4.4	3.9	3.8	3.8	3.8	3.8	3.4	2.9
75°	6.0	5.6	5.3	5.1	4.8	4.7	4.5	4.2	3.9	3.7	3.7
72.5°	7.4	7.2	7.2	7.3	7.3	7.1	6.7	6.2	5.5	5.5	5.6
70°	11.1	11.4	11.5	11.4	10.7	9.8	9.1	8.3	7.5	7.3	7.5
67.5°	17.0	17.2	16.7	15.4	13.4	11.7	10.7	9.6	8.3	7.9	8.4
65°	24.1	21.3	19.0	17.0	15.1	13.5	12.3	11.0	9.7	9.5	10.7
62.5°	28.7	22.6	19.1	17.5	16.3	15.1	13.4	11.8	10.4	9.7	9.9
60°	32.7	24.1	18.2	16.6	15.1	13.6	11.9	10.4	9.2	8.3	8.1
57.5°	34.6	24.6	16.7	14.5	12.4	10.4	9.5	9.1	8.5	7.7	8.2
55°	33.3	22.8	14.2	12.5	11.9	11.5	11.1	10.2	9.5	8.9	9.3
52.5°	28.5	20.8	15.1	13.1	12.5	12.0	11.4	11.2	11.1	10.8	11.0
50°	25.4	19.4	15.5	13.2	13.2	13.2	13.2	13.4	13.7	13.8	13.9
47.5°	22.7	18.2	17.3	15.1	15.5	16.7	17.0	17.3	18.3	18.1	17.7
45°	22.7	24.4	23.8	22.5	21.7	30.2	30.7	25.7	30.6	30.0	26.3
42.5°	33.3	35.6	36.1	44.4	60.0	59.2	57.7	65.3	60.1	52.5	47.2
40°	51.5	51.4	61.1	75.0	74.5	71.6	81.1	82.3	81.7	86.1	84.7
37.5°	81.9	82.9	87.3	95.7	110.4	103.4	124.2	137.5	139.7	158.2	172.5
35°	136.3	159.8	138.9	188.7	221.3	214.3	244.5	298.5	247.5	379.0	402.8
32.5°	255.6	308.2	348.7	405.5	479.0	587.5	595.6	979.9	1056.8	1283.7	1593.8
30°	440.0	592.6	885.7	962.2	1080.5	1530.3	2062.1	2727.5	3346.1	3787.9	4369.1
27.5°	1059.4	1311.4	1943.0	2629.1	2589.1	3429.5	5331.6	5916.7	7522.8	8057.2	9412.9
25°	2369.6	2973.2	4501.8	5864.1	6558.3	8772.7	11282.2	12413.9	14529.7	15654.6	17314.4
22.5°	4633.9	6289.8	8317.3	10409.3	13016.2	16406.7	19508.9	21773.4	24622.2	26909.2	28262.9
20°	7500.2	9791.5	12913.8	16163.6	20195.9	24650.0	27888.0	32475.8	36760.4	40829.1	42664.3
17.5°	10229.6	14058.0	17835.5	21757.9	27047.3	32873.6	38151.0	44860.8	51965.3	57428.8	61882.6
15°	12542.4	16802.3	22252.5	26940.2	32994.5	40260.0	48105.6	56683.8	66901.0	74666.6	83029.4
12.5°	14677.3	18948.7	24862.2	30460.9	38612.9	46818.8	55974.4	66633.0	78443.9	89931.3	100707.1
10°	16051.8	20974.7	27311.5	34113.3	42464.0	51992.5	62407.4	74347.9	89483.6	102616.5	114756.5
7.5°	16883.3	22822.3	29384.1	36636.8	45576.3	55381.6	66350.0	80426.3	96329.3	110047.0	120953.3
5°	17701.1	24336.1	30721.9	37853.4	47602.1	57579.9	68278.4	82398.3	98800.8	112531.6	122325.4
2.5°	18521.2	25378.2	31456.7	38337.5	48752.3	58822.2	70149.3	85192.2	101679.4	114290.0	122797.5
0°	19270.7	25749.9	31721.1	38459.0	49253.1	59364.8	70897.0	85751.1	104143.9	116272.2	124509.2
-2.5°	19542.6	25729.7	31435.2	38115.8	48835.0	58622.2	70099.5	86107.7	103271.9	115613.0	123977.0
-5°	18715.8	24330.5	29882.9	36649.7	46614.2	56716.5	68271.0	84144.4	100437.6	113213.8	121189.6
-7.5°	17161.3	22234.4	27695.6	34401.1	43454.8	53217.2	63735.5	77600.5	93640.9	105543.2	111825.0
-10°	15534.2	19885.6	25044.7	31250.8	39229.2	48500.2	57218.9	69016.6	83841.9	94394.0	100822.7
-12.5°	13674.2	17205.3	21967.1	27391.6	34513.2	42595.7	50570.2	60548.9	71871.2	82724.3	89417.1
-15°	11721.6	14563.3	18700.7	23906.0	29530.2	35575.6	42950.0	51033.2	60061.3	68858.3	76482.6
-17.5°	10158.6	12351.5	16148.3	20826.1	25114.7	30019.1	37206.6	43777.8	50385.0	57479.9	63831.5
-20°	9153.4	11211.8	14278.7	18184.5	22438.8	27382.6	32936.9	38684.2	44826.1	50273.3	55871.5



REPORT NUMBER: P1305609 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-40-70-5S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8351.1	10466.7	12833.1	16088.2	20616.4	25158.4	29431.1	33829.4	38924.9	44489.0	49178.8
-25°	7308.8	9527.5	11775.7	14871.8	18684.2	22698.8	25844.5	28976.1	33573.6	38305.6	42182.6
-27.5°	5859.5	8368.0	10992.8	13512.8	16762.8	19617.9	22382.2	25220.3	29229.2	33223.5	36120.3
-30°	4181.2	7078.6	9804.6	12379.5	14610.9	16859.2	19171.1	22076.4	25427.6	28641.5	31103.9
-32.5°	3059.5	5230.5	8178.6	10806.6	12990.3	14872.4	16647.9	19233.0	21854.9	24431.9	26785.5
-35°	1952.3	3539.1	5836.3	8512.4	11076.1	13074.2	15004.7	16877.8	18848.4	21044.7	23081.4
-37.5°	1680.9	2107.5	3518.8	5515.5	7972.4	10583.4	12481.4	14346.1	16357.6	18007.8	19720.0
-40°	1523.5	1746.3	2103.8	2812.0	4667.2	6509.3	8641.7	10636.0	12558.7	14252.5	15817.2
-42.5°	1454.7	1588.1	1732.4	2001.1	2300.5	3183.7	4738.3	6190.4	7901.7	9601.8	11086.8
-45°	1489.5	1535.4	1608.8	1740.9	1863.4	2112.2	2374.2	2647.9	3817.3	5043.3	6094.0
-47.5°	1394.1	1527.7	1599.0	1656.4	1719.3	1827.6	1939.7	2092.1	2355.7	2622.8	2834.5
-50°	1235.9	1378.2	1503.2	1626.5	1686.0	1729.3	1775.5	1864.8	1987.1	2112.9	2205.6
-52.5°	1039.1	1176.8	1314.3	1439.1	1540.9	1639.2	1736.5	1809.6	1873.5	1936.7	1967.2
-55°	863.0	977.8	1088.7	1201.1	1312.0	1417.2	1525.0	1634.5	1736.3	1830.3	1876.9
-57.5°	697.5	793.8	889.1	974.9	1063.3	1153.3	1253.0	1359.4	1464.8	1563.1	1614.0
-60°	540.5	614.4	692.3	762.3	828.0	889.5	975.7	1063.0	1146.7	1218.0	1255.8
-62.5°	395.2	452.5	511.7	567.3	619.9	672.2	737.1	800.3	861.0	910.0	938.6
-65°	273.9	316.6	356.4	394.7	432.0	476.6	525.8	573.0	617.9	651.5	670.4
-67.5°	187.0	212.3	234.5	255.3	282.0	313.4	347.8	380.2	410.5	432.4	446.9
-70°	124.9	138.7	150.9	165.0	181.9	199.1	217.7	236.1	254.0	266.3	273.9
-72.5°	79.2	88.0	96.3	106.0	115.1	124.2	133.3	141.7	149.4	156.5	163.1
-75°	43.5	48.1	54.7	60.8	66.4	72.6	78.5	83.8	88.3	91.4	93.8
-77.5°	26.6	29.6	32.2	34.7	36.8	39.5	42.6	45.7	48.8	50.9	52.5
-80°	19.3	20.2	21.2	22.2	23.2	24.0	24.7	25.3	25.7	26.5	27.3
-82.5°	13.1	13.7	14.2	14.7	15.1	16.0	16.8	17.6	18.4	19.1	19.7
-85°	8.9	8.9	8.8	8.9	8.9	9.4	10.0	10.5	11.1	11.2	11.3
-87.5°	7.4	7.0	6.6	6.2	5.8	5.8	5.7	5.7	5.7	5.8	5.8
-90°	3.8	3.8	3.8	3.8	3.8	3.3	2.9	2.4	1.9	1.9	1.9



REPORT NUMBER: P1305609 (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°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	4.3
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.4
85°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.8	3.3	3.7	3.7
82.5°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.9	3.3	3.8	3.8
80°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.9	3.4	3.8	3.8
77.5°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.9	3.4	3.8	3.8
75°	3.7	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.9	4.2
72.5°	5.7	5.7	5.8	5.8	5.8	5.7	5.7	5.6	5.5	5.5	6.2
70°	7.6	7.6	7.7	7.7	7.7	7.6	7.6	7.5	7.3	7.5	8.3
67.5°	8.9	9.5	9.6	9.6	9.6	9.5	8.9	8.4	7.9	8.3	9.6
65°	11.9	13.1	12.5	11.5	12.5	13.1	11.9	10.7	9.5	9.7	11.0
62.5°	9.9	9.8	9.6	9.6	9.6	9.8	9.9	9.9	9.7	10.4	11.8
60°	7.9	7.8	7.7	7.7	7.7	7.8	7.9	8.1	8.3	9.2	10.4
57.5°	8.7	9.3	9.6	9.6	9.6	9.3	8.7	8.2	7.7	8.5	9.1
55°	9.5	9.6	9.6	9.6	9.6	9.6	9.5	9.3	8.9	9.5	10.2
52.5°	11.2	11.4	11.5	11.5	11.5	11.4	11.2	11.0	10.8	11.1	11.2
50°	13.8	13.5	13.4	13.4	13.4	13.5	13.8	13.9	13.8	13.7	13.4
47.5°	17.6	17.3	17.2	17.3	17.2	17.3	17.6	17.7	18.1	18.3	17.3
45°	26.2	25.4	24.7	24.9	24.7	25.4	26.2	26.3	30.0	30.6	25.7
42.5°	50.1	51.9	54.0	57.5	54.0	51.9	50.1	47.2	52.5	60.1	65.3
40°	85.5	83.0	79.8	80.5	79.8	83.0	85.5	84.7	86.1	81.7	82.3
37.5°	177.8	171.1	158.2	149.5	158.2	171.1	177.8	172.5	158.2	139.7	137.5
35°	365.4	356.7	335.8	329.7	335.8	356.7	365.4	402.8	379.0	247.5	298.5
32.5°	1720.1	1917.3	1979.3	1982.1	1979.3	1917.3	1720.1	1593.8	1283.7	1056.8	979.9
30°	4414.3	4366.3	3940.5	3502.2	3940.5	4366.3	4414.3	4369.1	3787.9	3346.1	2727.5
27.5°	10624.0	11921.9	12859.3	12555.8	12859.3	11921.9	10624.0	9412.9	8057.2	7522.8	5916.7
25°	19134.8	20053.3	20354.7	19907.1	20354.7	20053.3	19134.8	17314.4	15654.6	14529.7	12413.9
22.5°	30041.3	30592.9	30544.8	29537.7	30544.8	30592.9	30041.3	28262.9	26909.2	24622.2	21773.4
20°	45239.7	45151.8	45603.7	43554.2	45603.7	45151.8	45239.7	42664.3	40829.1	36760.4	32475.8
17.5°	66735.7	70266.3	72954.4	72697.0	72954.4	70266.3	66735.7	61882.6	57428.8	51965.3	44860.8
15°	89570.4	94905.0	98551.3	98788.1	98551.3	94905.0	89570.4	83029.4	74666.6	66901.0	56683.8
12.5°	109419.9	115124.9	118221.7	117751.1	118221.7	115124.9	109419.9	100707.1	89931.3	78443.9	66633.0
10°	122064.5	126455.7	129714.9	130524.5	129714.9	126455.7	122064.5	114756.5	102616.5	89483.6	74347.9
7.5°	127134.9	131244.7	134085.7	134043.0	134085.7	131244.7	127134.9	120953.3	110047.0	96329.3	80426.3
5°	128073.2	132119.6	133727.6	134032.4	133727.6	132119.6	128073.2	122325.4	112531.6	98800.8	82398.3
2.5°	128995.9	132350.8	134098.5	133434.4	134098.5	132350.8	128995.9	122797.5	114290.0	101679.4	85192.2
0°	129357.0	132046.5	133412.3	132989.6	133412.3	132046.5	129357.0	124509.2	116272.2	104143.9	85751.1
-2.5°	129233.4	131002.5	132158.6	131758.9	132158.6	131002.5	129233.4	123977.0	115613.0	103271.9	86107.7
-5°	125926.3	127449.7	127988.4	128283.6	127988.4	127449.7	125926.3	121189.6	113213.8	100437.6	84144.4
-7.5°	115298.6	117301.0	116657.2	117628.4	116657.2	117301.0	115298.6	111825.0	105543.2	93640.9	77600.5
-10°	104784.9	106733.6	106065.0	106691.5	106065.0	106733.6	104784.9	100822.7	94394.0	83841.9	69016.6
-12.5°	94870.8	97322.0	97285.6	98174.6	97285.6	97322.0	94870.8	89417.1	82724.3	71871.2	60548.9
-15°	82951.6	86073.4	87773.6	88864.2	87773.6	86073.4	82951.6	76482.6	68858.3	60061.3	51033.2
-17.5°	70360.9	74375.5	77235.6	77675.2	77235.6	74375.5	70360.9	63831.5	57479.9	50385.0	43777.8
-20°	60681.1	64300.4	66992.3	67860.6	66992.3	64300.4	60681.1	55871.5	50273.3	44826.1	38684.2



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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°	52572.3	55559.0	57505.4	57984.7	57505.4	55559.0	52572.3	49178.8	44489.0	38924.9	33829.4
-25°	44722.8	46392.7	47414.2	47800.1	47414.2	46392.7	44722.8	42182.6	38305.6	33573.6	28976.1
-27.5°	38334.2	39525.2	40035.2	40236.0	40035.2	39525.2	38334.2	36120.3	33223.5	29229.2	25220.3
-30°	32986.2	33900.9	34461.3	34669.3	34461.3	33900.9	32986.2	31103.9	28641.5	25427.6	22076.4
-32.5°	28584.0	29494.4	30084.9	30296.8	30084.9	29494.4	28584.0	26785.5	24431.9	21854.9	19233.0
-35°	24462.1	25214.6	25752.7	26002.9	25752.7	25214.6	24462.1	23081.4	21044.7	18848.4	16877.8
-37.5°	20818.6	21497.6	21945.7	22084.7	21945.7	21497.6	20818.6	19720.0	18007.8	16357.6	14346.1
-40°	16698.7	17311.4	17652.2	17635.6	17652.2	17311.4	16698.7	15817.2	14252.5	12558.7	10636.0
-42.5°	11964.3	12583.2	13020.6	13349.4	13020.6	12583.2	11964.3	11086.8	9601.8	7901.7	6190.4
-45°	6797.1	7305.6	7632.9	7786.5	7632.9	7305.6	6797.1	6094.0	5043.3	3817.3	2647.9
-47.5°	2960.4	3052.7	3099.0	3099.6	3099.0	3052.7	2960.4	2834.5	2622.8	2355.7	2092.1
-50°	2272.7	2330.7	2364.2	2373.1	2364.2	2330.7	2272.7	2205.6	2112.9	1987.1	1864.8
-52.5°	1988.6	2008.6	2017.6	2018.5	2017.6	2008.6	1988.6	1967.2	1936.7	1873.5	1809.6
-55°	1916.2	1949.6	1963.0	1961.0	1963.0	1949.6	1916.2	1876.9	1830.3	1736.3	1634.5
-57.5°	1656.5	1689.8	1709.1	1715.6	1709.1	1689.8	1656.5	1614.0	1563.1	1464.8	1359.4
-60°	1285.2	1306.1	1324.2	1336.1	1324.2	1306.1	1285.2	1255.8	1218.0	1146.7	1063.0
-62.5°	961.9	979.5	996.4	1008.3	996.4	979.5	961.9	938.6	910.0	861.0	800.3
-65°	684.2	692.9	706.9	718.8	706.9	692.9	684.2	670.4	651.5	617.9	573.0
-67.5°	458.4	466.7	471.8	473.5	471.8	466.7	458.4	446.9	432.4	410.5	380.2
-70°	279.2	282.3	288.3	293.3	288.3	282.3	279.2	273.9	266.3	254.0	236.1
-72.5°	169.0	174.0	174.0	172.5	174.0	174.0	169.0	163.1	156.5	149.4	141.7
-75°	95.6	96.8	97.5	97.8	97.5	96.8	95.6	93.8	91.4	88.3	83.8
-77.5°	53.9	55.1	54.5	53.7	54.5	55.1	53.9	52.5	50.9	48.8	45.7
-80°	28.0	28.7	28.8	28.8	28.8	28.7	28.0	27.3	26.5	25.7	25.3
-82.5°	20.4	21.0	20.1	19.2	20.1	21.0	20.4	19.7	19.1	18.4	17.6
-85°	11.4	11.5	11.5	11.5	11.5	11.5	11.4	11.3	11.2	11.1	10.5
-87.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.7
-90°	1.9	1.9	1.0	0.0	1.0	1.9	1.9	1.9	1.9	1.9	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°	4.8	5.3	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
87.5°	2.9	3.3	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
85°	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
82.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	4.0	4.1	4.1	4.0
80°	3.8	3.8	3.8	4.1	4.3	4.4	4.4	4.6	4.9	5.3	5.4
77.5°	3.8	3.8	3.9	4.4	4.9	5.4	5.8	5.7	5.6	5.7	5.7
75°	4.5	4.7	4.8	5.1	5.3	5.6	6.0	6.3	6.5	6.4	6.2
72.5°	6.7	7.1	7.3	7.3	7.2	7.2	7.4	7.5	7.6	7.7	7.3
70°	9.1	9.8	10.7	11.4	11.5	11.4	11.1	10.5	9.5	9.2	8.5
67.5°	10.7	11.7	13.4	15.4	16.7	17.2	17.0	16.0	14.9	13.8	11.0
65°	12.3	13.5	15.1	17.0	19.0	21.3	24.1	24.4	23.2	20.5	14.9
62.5°	13.4	15.1	16.3	17.5	19.1	22.6	28.7	32.1	32.9	29.0	21.8
60°	11.9	13.6	15.1	16.6	18.2	24.1	32.7	39.3	43.8	37.3	28.2
57.5°	9.5	10.4	12.4	14.5	16.7	24.6	34.6	45.3	52.4	42.5	33.2
55°	11.1	11.5	11.9	12.5	14.2	22.8	33.3	44.6	50.8	44.5	34.2
52.5°	11.4	12.0	12.5	13.1	15.1	20.8	28.5	39.8	43.2	38.1	32.0
50°	13.2	13.2	13.2	13.2	15.5	19.4	25.4	33.8	33.4	31.1	26.1
47.5°	17.0	16.7	15.5	15.1	17.3	18.2	22.7	26.4	27.2	24.9	21.1
45°	30.7	30.2	21.7	22.5	23.8	24.4	22.7	25.0	24.6	22.5	17.8
42.5°	57.7	59.2	60.0	44.4	36.1	35.6	33.3	31.2	28.8	24.0	21.6
40°	81.1	71.6	74.5	75.0	61.1	51.4	51.5	43.8	39.1	32.6	30.9
37.5°	124.2	103.4	110.4	95.7	87.3	82.9	81.9	69.5	52.8	57.9	54.4
35°	244.5	214.3	221.3	188.7	138.9	159.8	136.3	110.7	96.7	98.8	88.9
32.5°	595.6	587.5	479.0	405.5	348.7	308.2	255.6	181.3	189.9	175.9	141.1
30°	2062.1	1530.3	1080.5	962.2	885.7	592.6	440.0	427.2	341.6	284.3	214.1
27.5°	5331.6	3429.5	2589.1	2629.1	1943.0	1311.4	1059.4	862.3	586.4	442.7	338.2
25°	11282.2	8772.7	6558.3	5864.1	4501.8	2973.2	2369.6	1740.7	1105.4	640.8	519.7
22.5°	19508.9	16406.7	13016.2	10409.3	8317.3	6289.8	4633.9	3003.0	1766.3	1024.5	736.5
20°	27888.0	24650.0	20195.9	16163.6	12913.8	9791.5	7500.2	4998.9	2988.9	1609.6	966.7
17.5°	38151.0	32873.6	27047.3	21757.9	17835.5	14058.0	10229.6	7085.3	4414.8	2223.6	1202.7
15°	48105.6	40260.0	32994.5	26940.2	22252.5	16802.3	12542.4	9001.8	6042.8	3198.3	1660.0
12.5°	55974.4	46818.8	38612.9	30460.9	24862.2	18948.7	14677.3	10970.8	7521.8	4214.4	2050.9
10°	62407.4	51992.5	42464.0	34113.3	27311.5	20974.7	16051.8	11914.0	8076.6	4930.8	2408.0
7.5°	66350.0	55381.6	45576.3	36636.8	29384.1	22822.3	16883.3	12302.6	8356.5	5437.7	2723.4
5°	68278.4	57579.9	47602.1	37853.4	30721.9	24336.1	17701.1	12422.6	8396.1	5752.7	2987.9
2.5°	70149.3	58822.2	48752.3	38337.5	31456.7	25378.2	18521.2	12505.6	8473.0	5897.2	3075.5
0°	70897.0	59364.8	49253.1	38459.0	31721.1	25749.9	19270.7	12536.6	8522.6	5900.3	3092.0
-2.5°	70099.5	58622.2	48835.0	38115.8	31435.2	25729.7	19542.6	13482.6	9059.1	6186.6	3179.0
-5°	68271.0	56716.5	46614.2	36649.7	29882.9	24330.5	18715.8	13521.0	9183.5	6222.5	3183.8
-7.5°	63735.5	53217.2	43454.8	34401.1	27695.6	22234.4	17161.3	12602.3	8620.4	5675.0	2926.4
-10°	57218.9	48500.2	39229.2	31250.8	25044.7	19885.6	15534.2	11492.2	7895.9	5020.2	2608.2
-12.5°	50570.2	42595.7	34513.2	27391.6	21967.1	17205.3	13674.2	10205.7	7010.4	4276.6	2238.1
-15°	42950.0	35575.6	29530.2	23906.0	18700.7	14563.3	11721.6	8932.1	6232.9	3531.4	1823.5
-17.5°	37206.6	30019.1	25114.7	20826.1	16148.3	12351.5	10158.6	7968.8	5478.1	2975.8	1465.1
-20°	32936.9	27382.6	22438.8	18184.5	14278.7	11211.8	9153.4	7058.7	4594.0	2498.4	1387.0



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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°	29431.1	25158.4	20616.4	16088.2	12833.1	10466.7	8351.1	6115.3	3572.9	1899.4	1288.7
-25°	25844.5	22698.8	18684.2	14871.8	11775.7	9527.5	7308.8	4843.9	2793.1	1524.3	1183.5
-27.5°	22382.2	19617.9	16762.8	13512.8	10992.8	8368.0	5859.5	3504.6	1936.6	1386.4	1145.2
-30°	19171.1	16859.2	14610.9	12379.5	9804.6	7078.6	4181.2	2504.5	1582.1	1261.5	1105.6
-32.5°	16647.9	14872.4	12990.3	10806.6	8178.6	5230.5	3059.5	1739.9	1394.2	1209.6	1108.9
-35°	15004.7	13074.2	11076.1	8512.4	5836.3	3539.1	1952.3	1543.6	1302.2	1168.7	1124.5
-37.5°	12481.4	10583.4	7972.4	5515.5	3518.8	2107.5	1680.9	1418.8	1240.4	1181.9	1091.0
-40°	8641.7	6509.3	4667.2	2812.0	2103.8	1746.3	1523.5	1347.1	1272.2	1161.4	1032.4
-42.5°	4738.3	3183.7	2300.5	2001.1	1732.4	1588.1	1454.7	1381.8	1266.3	1108.4	943.3
-45°	2374.2	2112.2	1863.4	1740.9	1608.8	1535.4	1489.5	1352.3	1191.0	1012.9	840.5
-47.5°	1939.7	1827.6	1719.3	1656.4	1599.0	1527.7	1394.1	1249.5	1064.3	892.9	750.8
-50°	1775.5	1729.3	1686.0	1626.5	1503.2	1378.2	1235.9	1083.7	920.8	778.2	652.5
-52.5°	1736.5	1639.2	1540.9	1439.1	1314.3	1176.8	1039.1	912.3	778.5	661.3	554.0
-55°	1525.0	1417.2	1312.0	1201.1	1088.7	977.8	863.0	750.9	647.9	546.0	456.9
-57.5°	1253.0	1153.3	1063.3	974.9	889.1	793.8	697.5	604.2	522.1	439.7	360.5
-60°	975.7	889.5	828.0	762.3	692.3	614.4	540.5	469.0	400.4	338.3	275.0
-62.5°	737.1	672.2	619.9	567.3	511.7	452.5	395.2	345.2	294.9	243.8	202.3
-65°	525.8	476.6	432.0	394.7	356.4	316.6	273.9	238.7	207.2	174.1	140.8
-67.5°	347.8	313.4	282.0	255.3	234.5	212.3	187.0	159.9	139.5	122.2	103.7
-70°	217.7	199.1	181.9	165.0	150.9	138.7	124.9	110.4	95.8	82.8	69.7
-72.5°	133.3	124.2	115.1	106.0	96.3	88.0	79.2	69.5	59.3	48.6	40.2
-75°	78.5	72.6	66.4	60.8	54.7	48.1	43.5	39.4	35.2	31.1	27.0
-77.5°	42.6	39.5	36.8	34.7	32.2	29.6	26.6	24.0	22.4	20.8	19.2
-80°	24.7	24.0	23.2	22.2	21.2	20.2	19.3	18.0	16.7	15.4	14.2
-82.5°	16.8	16.0	15.1	14.7	14.2	13.7	13.1	12.3	11.6	10.9	10.3
-85°	10.0	9.4	8.9	8.9	8.8	8.9	8.9	8.8	8.7	8.6	8.5
-87.5°	5.7	5.8	5.8	6.2	6.6	7.0	7.4	7.3	7.3	7.2	7.1
-90°	2.9	3.3	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8



REPORT NUMBER: P1305609 (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°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
87.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	4.3	4.8	5.3
85°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	4.3	4.8	5.3
82.5°	3.8	3.8	3.8	3.8	4.1	4.3	4.4	4.4	4.5	4.9	5.3
80°	4.8	4.3	4.0	3.9	4.4	4.9	5.1	5.2	5.1	5.2	5.4
77.5°	5.4	4.9	4.2	3.9	4.4	4.9	5.4	5.8	5.7	5.5	5.6
75°	5.8	5.6	5.2	4.7	4.7	5.0	5.5	5.8	5.8	5.8	5.7
72.5°	6.6	6.1	5.8	5.8	5.4	5.4	5.6	5.8	5.8	5.8	5.8
70°	7.5	6.6	5.9	5.8	5.8	5.8	5.7	5.8	5.8	5.8	5.8
67.5°	8.7	7.7	6.6	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8
65°	11.5	9.1	7.6	6.7	6.0	5.8	5.8	5.8	5.8	5.8	5.8
62.5°	15.5	10.6	8.6	7.5	6.4	5.9	5.8	5.8	5.8	5.8	5.8
60°	20.9	14.5	10.2	8.7	7.3	6.0	5.8	5.8	5.8	5.8	5.8
57.5°	24.5	18.0	13.7	10.5	8.7	6.8	6.0	6.0	5.8	5.8	5.8
55°	26.0	19.5	16.3	12.8	10.2	8.4	6.7	6.3	5.9	5.8	5.9
52.5°	24.3	20.4	17.8	14.5	11.5	9.8	8.0	6.7	6.3	5.8	6.0
50°	20.2	20.5	18.8	15.8	12.4	10.5	9.3	7.7	6.8	5.9	6.1
47.5°	18.1	19.9	19.4	17.0	13.5	11.3	10.1	8.6	7.3	6.5	6.2
45°	18.9	19.2	19.8	18.0	15.0	12.6	10.8	9.5	8.1	7.0	6.3
42.5°	21.5	21.0	20.0	19.3	16.9	14.0	11.4	10.1	8.7	7.6	6.6
40°	28.3	24.9	21.6	21.3	19.2	15.4	12.6	10.7	9.3	8.2	7.1
37.5°	37.4	32.2	26.4	25.8	22.4	17.8	13.8	11.2	9.9	8.7	7.6
35°	65.9	42.5	41.1	36.4	28.3	20.5	14.9	11.9	10.6	9.3	8.0
32.5°	102.2	77.3	72.6	54.4	36.0	23.4	16.9	13.4	11.3	9.8	8.5
30°	170.9	163.8	118.5	77.3	48.4	30.6	20.2	15.3	12.1	10.3	8.9
27.5°	300.7	278.0	185.3	119.4	70.3	39.9	25.2	17.4	12.9	10.8	9.3
25°	449.0	406.1	297.4	175.4	95.3	63.6	30.9	19.9	14.3	11.5	9.7
22.5°	617.8	540.5	428.2	240.0	146.7	95.1	43.6	24.4	16.1	12.1	10.1
20°	786.1	682.2	566.5	321.4	211.8	138.9	66.3	29.3	18.1	12.8	10.5
17.5°	960.2	799.3	641.1	419.7	279.1	186.3	93.1	34.4	20.1	13.5	10.8
15°	1101.2	876.5	706.5	504.7	342.3	236.2	123.0	39.7	22.1	14.1	11.0
12.5°	1216.7	949.1	767.1	577.3	401.5	287.9	155.0	45.0	24.1	14.7	11.2
10°	1321.3	1016.3	822.7	638.5	456.8	340.0	187.9	50.3	26.4	15.3	11.3
7.5°	1414.1	1077.6	872.9	689.4	501.4	372.7	208.3	55.2	28.6	15.9	11.4
5°	1486.5	1126.4	904.9	704.3	505.8	380.9	223.7	59.6	30.8	16.4	11.4
2.5°	1511.2	1159.4	924.2	708.9	506.7	384.3	235.4	63.7	32.8	16.9	11.5
0°	1520.1	1184.7	937.4	707.3	504.1	383.4	243.4	67.1	34.5	17.3	11.5
-2.5°	1532.5	1190.0	952.2	737.0	529.8	397.1	256.4	83.7	45.0	23.1	13.6
-5°	1530.5	1187.4	961.0	760.2	551.1	407.4	265.7	99.3	55.0	28.7	15.6
-7.5°	1478.2	1157.5	953.4	774.0	567.2	414.2	271.4	113.5	64.2	33.8	17.4
-10°	1403.9	1108.5	924.9	765.9	578.6	422.9	274.8	126.1	72.4	38.3	19.0
-12.5°	1316.6	1054.5	898.4	756.6	586.1	433.1	281.2	138.1	79.4	42.0	20.4
-15°	1216.5	996.4	876.3	747.5	589.9	439.7	283.1	148.4	86.3	45.5	21.3
-17.5°	1114.2	935.2	860.5	740.0	590.1	442.9	280.6	155.9	91.5	48.9	22.9
-20°	1080.5	915.0	850.8	735.5	586.9	442.6	273.5	160.3	95.0	51.2	24.8



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1051.9	933.6	849.8	727.7	581.2	438.9	261.8	161.4	96.5	52.3	26.2
-25°	1021.1	953.5	844.0	707.6	572.3	422.3	254.0	158.9	95.9	52.3	26.9
-27.5°	1026.9	964.9	829.2	678.8	545.7	400.1	250.4	157.8	94.2	50.9	26.9
-30°	1049.6	942.0	794.5	642.6	513.8	362.9	241.9	154.1	92.4	50.0	26.3
-32.5°	1053.7	908.1	746.5	603.3	471.5	324.7	224.9	147.3	88.8	49.2	26.1
-35°	1006.7	852.7	688.9	557.8	425.3	300.3	205.4	137.6	83.3	47.4	25.7
-37.5°	953.9	784.5	633.7	506.8	378.3	271.8	188.2	125.0	75.9	44.5	24.7
-40°	872.4	715.5	578.0	454.7	339.4	239.1	168.3	112.6	70.4	40.6	23.2
-42.5°	784.9	649.1	521.6	402.7	299.3	214.0	146.5	98.8	63.8	37.5	21.0
-45°	706.6	579.5	461.7	354.2	257.1	186.0	129.4	84.4	56.3	34.3	18.9
-47.5°	624.3	508.9	400.9	301.4	222.7	157.7	110.6	75.1	48.1	30.3	17.4
-50°	541.9	436.4	338.4	255.2	184.9	134.8	92.5	65.0	42.4	25.4	15.6
-52.5°	456.5	363.2	280.0	208.5	154.8	110.2	80.1	54.3	36.1	21.9	13.5
-55°	370.3	294.3	223.3	169.3	125.1	92.7	66.7	46.2	29.1	19.0	11.3
-57.5°	292.2	226.1	177.1	134.0	101.5	76.3	55.0	37.3	24.4	15.7	10.9
-60°	218.0	176.0	135.6	106.3	81.6	60.9	43.8	29.2	20.1	12.8	10.6
-62.5°	163.2	129.9	106.3	82.6	63.2	46.8	33.0	23.7	15.5	12.1	10.1
-65°	119.7	98.9	78.8	61.9	46.3	33.9	26.0	17.9	13.6	11.2	9.6
-67.5°	85.2	70.3	56.1	41.8	33.0	25.8	18.8	14.9	12.3	10.3	9.2
-70°	56.7	44.3	36.7	30.4	23.9	18.2	15.5	13.0	10.8	9.7	8.7
-72.5°	35.5	30.6	25.5	20.4	17.7	15.2	12.9	11.2	10.2	9.2	8.2
-75°	22.9	20.6	18.5	16.3	14.1	12.2	11.3	10.4	9.5	8.6	8.0
-77.5°	17.5	15.8	14.0	12.7	11.8	10.9	10.3	9.7	8.9	8.3	7.9
-80°	13.2	12.2	11.4	10.7	10.1	9.6	9.3	9.0	8.4	8.0	7.8
-82.5°	9.7	9.5	9.3	9.1	8.9	8.6	8.4	8.2	7.9	7.7	7.5
-85°	8.4	8.2	8.1	8.0	7.8	7.7	7.6	7.4	7.3	7.1	6.9
-87.5°	7.1	7.0	7.0	6.9	6.8	6.7	6.7	6.6	6.5	6.4	6.4
-90°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	4.3	4.8	5.3



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.8	5.8	5.8	5.8	5.8	5.8	5.8
87.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8
85°	5.8	5.8	5.8	5.8	5.8	5.8	5.8
82.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8
80°	5.8	5.8	5.8	5.8	5.8	5.8	5.8
77.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8
75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8
72.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8
70°	5.8	5.8	5.8	5.8	5.8	5.8	5.8
67.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8
65°	5.8	5.8	5.8	5.8	5.8	5.8	5.8
62.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8
60°	5.8	5.8	5.8	5.8	5.8	5.8	5.8
57.5°	5.9	5.8	5.8	5.8	5.8	5.8	5.8
55°	6.0	5.8	5.8	5.8	5.8	5.8	5.8
52.5°	6.2	5.8	5.8	5.8	5.8	5.8	5.8
50°	6.3	6.0	5.8	5.8	5.8	5.8	5.8
47.5°	6.5	6.2	5.8	5.8	5.8	5.8	5.8
45°	6.6	6.4	5.8	5.8	5.8	5.8	5.8
42.5°	6.7	6.6	5.8	5.8	5.8	5.8	5.8
40°	6.8	6.9	5.9	5.8	5.8	5.8	5.8
37.5°	6.9	7.1	6.1	5.9	5.8	5.8	5.8
35°	7.0	7.3	6.3	5.9	5.8	5.8	5.8
32.5°	7.2	7.4	6.5	6.0	5.8	5.8	5.8
30°	7.5	7.4	6.7	6.1	5.8	5.8	5.8
27.5°	7.9	7.5	6.9	6.2	5.8	5.8	5.8
25°	8.2	7.6	7.1	6.3	5.8	5.8	5.8
22.5°	8.6	7.7	7.2	6.4	5.8	5.8	5.8
20°	8.9	7.7	7.4	6.6	5.8	5.8	5.8
17.5°	9.1	7.7	7.5	6.7	5.8	5.8	5.8
15°	9.2	7.7	7.6	6.8	5.8	5.8	5.8
12.5°	9.3	7.7	7.6	7.0	5.8	5.8	5.8
10°	9.4	7.7	7.7	7.1	5.8	5.8	5.8
7.5°	9.5	7.7	7.7	7.3	5.8	5.8	5.8
5°	9.6	7.7	7.7	7.4	5.8	5.8	5.8
2.5°	9.6	7.7	7.7	7.6	5.8	5.8	5.8
0°	9.6	7.7	7.7	7.7	5.8	5.8	5.8
-2.5°	10.1	7.9	7.7	7.7	5.9	5.8	5.8
-5°	10.6	8.1	7.7	7.7	6.0	5.8	5.8
-7.5°	11.0	8.3	7.7	7.7	6.0	5.8	5.8
-10°	11.4	8.5	7.7	7.6	6.1	5.8	5.8
-12.5°	11.7	8.6	7.7	7.6	6.2	5.8	5.8
-15°	11.9	8.7	7.7	7.6	6.3	5.8	5.8
-17.5°	12.1	8.8	7.7	7.6	6.3	5.8	5.8
-20°	12.6	8.8	7.7	7.5	6.4	5.8	5.8



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	13.6	8.8	7.7	7.5	6.4	5.8	5.8
-25°	14.3	9.0	7.7	7.5	6.5	5.8	5.8
-27.5°	14.6	9.2	7.7	7.5	6.5	5.8	5.8
-30°	14.6	9.2	7.7	7.5	6.5	5.8	5.8
-32.5°	14.3	9.1	7.8	7.5	6.5	5.8	5.8
-35°	14.0	8.9	7.9	7.6	6.5	5.8	5.8
-37.5°	13.8	8.7	7.9	7.6	6.5	5.8	5.8
-40°	13.2	8.8	8.0	7.7	6.4	5.8	5.8
-42.5°	12.5	8.8	8.0	7.7	6.4	5.8	5.8
-45°	11.5	8.8	8.0	7.7	6.4	5.8	5.8
-47.5°	10.3	8.8	8.0	7.7	6.3	5.8	5.8
-50°	10.0	8.8	8.0	7.6	6.2	5.8	5.8
-52.5°	9.9	8.7	7.9	7.4	6.1	5.8	5.8
-55°	9.7	8.6	7.9	7.2	6.0	5.8	5.8
-57.5°	9.5	8.4	7.8	7.1	5.9	5.8	5.8
-60°	9.2	8.2	7.7	6.9	5.8	5.8	5.8
-62.5°	8.9	8.0	7.5	6.7	5.8	5.8	5.8
-65°	8.5	7.8	7.3	6.6	5.8	5.8	5.8
-67.5°	8.2	7.6	7.2	6.4	5.8	5.8	5.8
-70°	7.8	7.5	7.0	6.2	5.8	5.8	5.8
-72.5°	7.7	7.4	6.9	6.2	5.8	5.8	5.8
-75°	7.7	7.3	6.7	6.1	5.8	5.8	5.8
-77.5°	7.7	7.2	6.6	6.1	5.8	5.8	5.8
-80°	7.7	7.0	6.4	6.0	5.8	5.8	5.8
-82.5°	7.3	6.7	6.3	6.0	5.8	5.8	5.8
-85°	6.8	6.4	6.1	5.9	5.8	5.8	5.8
-87.5°	6.3	6.1	6.0	5.9	5.8	5.8	5.8
-90°	5.8	5.8	5.8	5.8	5.8	5.8	5.8

(END OF REPORT)