

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: P1305607 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-70-4S-CV5-A**

Issue Date: 2/3/2026

**Test Information**

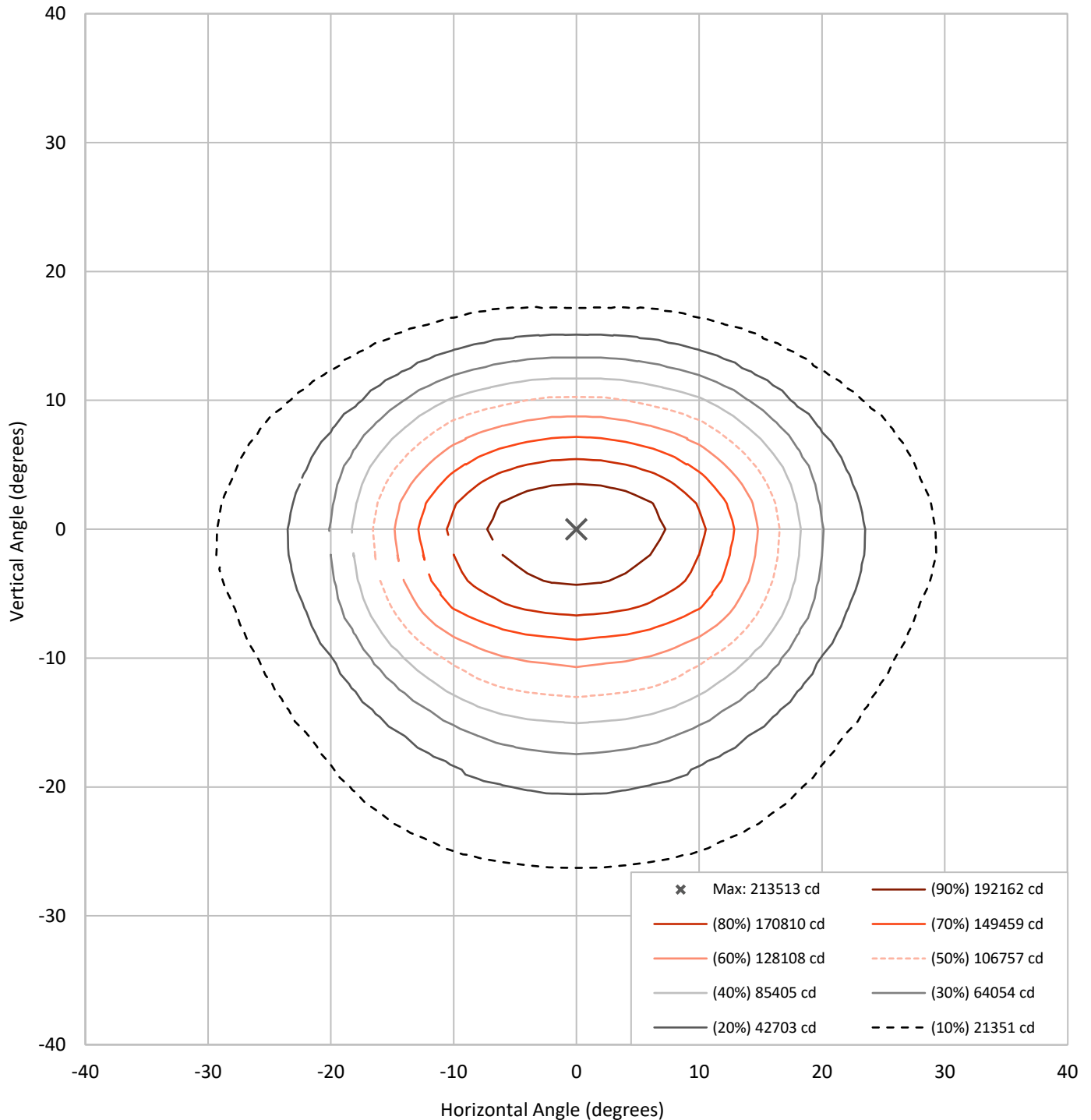
Test Method: LM-79-08  
Report Number: P1305607 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-640L-40-70-4S-CV5-A  
Description: EPHEBUS LUMASPORT 8 LUMINAIRE  
(8) 4000K, 70 CRI LEDS AND 4S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 3V
Luminaire Lumens:	56363.7 lumens	Max Intensity:	213513 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	87.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.1°H x 23.4°V	Field Angle (10%):	58.5°H x 43.2°V
Beam Lumens:	28518.2 lumens	Field Lumens:	48608.8 lumens
Beam Efficiency:	50.6%	Field Efficiency:	86.2%
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





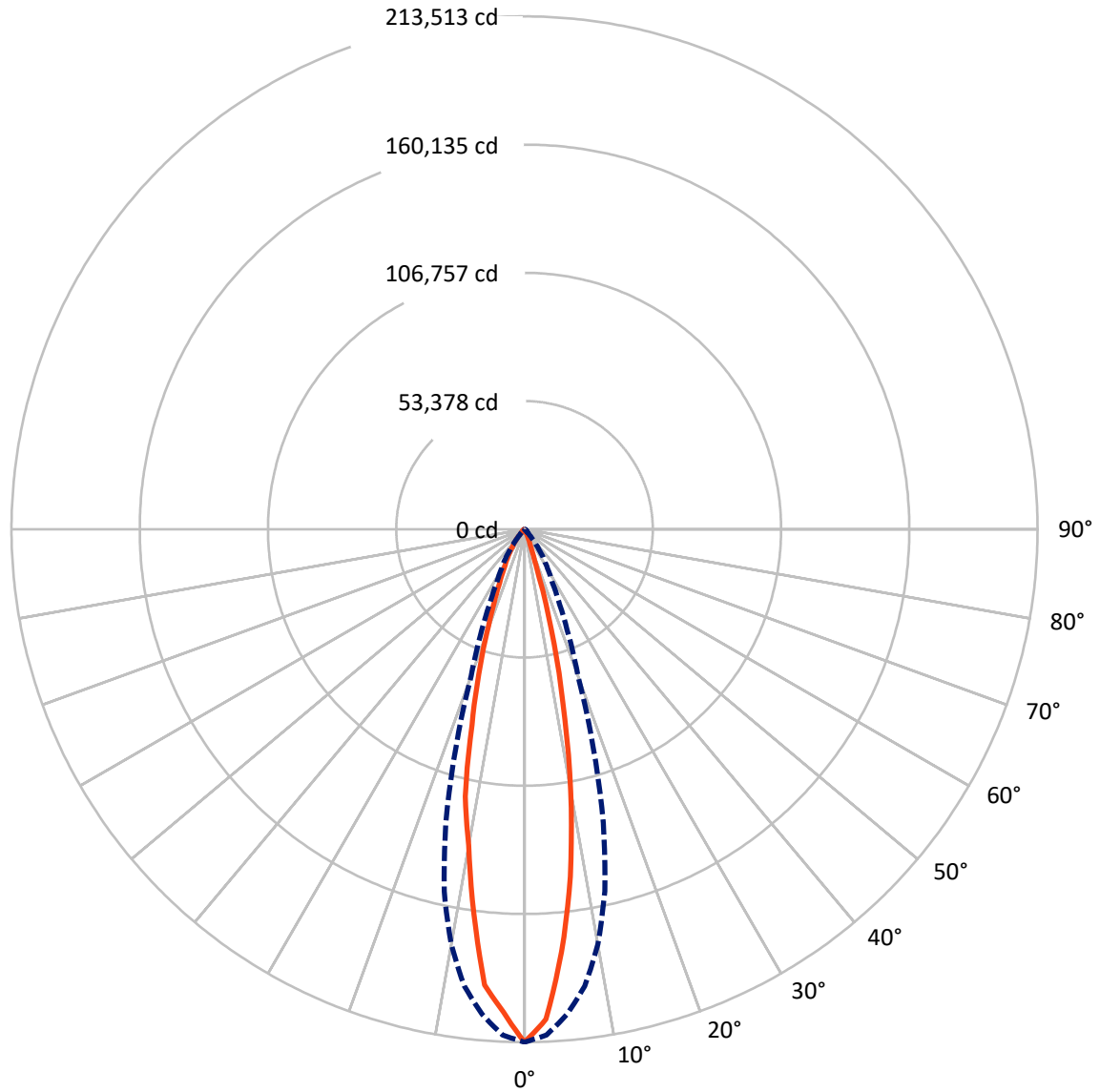
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### Lumen Table

90	0.2	0.5		0.8		0.7		0.5		0.7		0.8		0.5		0.2			
80	0.2	0.5		0.8		0.7		0.5		0.7		0.8		0.5		0.2			
70	0.2	0.1	0.2	0.5	0.7	0.4	0.3	0.3	0.3	0.3	0.4	0.7	0.5	0.2	0.1	0.2			
60		0.1	0.3	0.8	0.8	0.3	0.2	0.2	0.2	0.2	0.3	0.8	0.8	0.3	0.1				
50	0.2	0.2	0.4	0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.5	0.4	0.2	0.2			
40		0.2	0.5	0.8	1.2	2.4	4.4	6.5	6.5	4.4	2.4	1.2	0.8	0.5	0.2				
30	0.2	0.4	1.5	3.1	8.5	23.5	48.7	80.9	80.9	48.7	23.5	8.5	3.1	1.5	0.4	0.2			
20		0.9	4.8	12.7	76.1	237.7	724.1	1353.5	1353.5	724.1	237.7	76.1	12.7	4.8	0.9				
10	0.3	1.8	9.8	32.1	236.1	831.8	2879.7	4900.6	4900.6	2879.7	831.8	236.1	32.1	9.8	1.8	0.3			
0		2.4	12.1	38.5	263.1	917.8	3171.9	5207.0	5207.0	3171.9	917.8	263.1	38.5	12.1	2.4				
-10	0.5	2.6	10.7	27.0	155.9	505.8	1403.7	2466.9	2466.9	1403.7	505.8	155.9	27.0	10.7	2.6	0.5			
-20		2.5	9.0	18.1	65.2	252.8	521.1	758.8	758.8	521.1	252.8	65.2	18.1	9.0	2.5				
-30	0.4	2.1	7.5	14.1	26.4	78.7	178.8	253.7	253.7	178.8	78.7	26.4	14.1	7.5	2.1	0.4			
-40		1.3	5.4	11.6	18.9	28.1	40.7	53.4	53.4	40.7	28.1	18.9	11.6	5.4	1.3				
-50	0.3	0.7	2.8	7.4	13.3	18.5	22.8	25.5	25.5	22.8	18.5	13.3	7.4	2.8	0.7	0.3			
-60		0.3	1.0	2.8	5.6	8.9	12.0	13.9	13.9	12.0	8.9	5.6	2.8	1.0	0.3				
-70	0.2	0.8		2.7		6.9		9.9		6.9		2.7		0.8		0.2			
-80		0.8		2.7		6.9		9.9		6.9		2.7		0.8					
-90	0.2	0.8		2.7		6.9		9.9		6.9		2.7		0.8		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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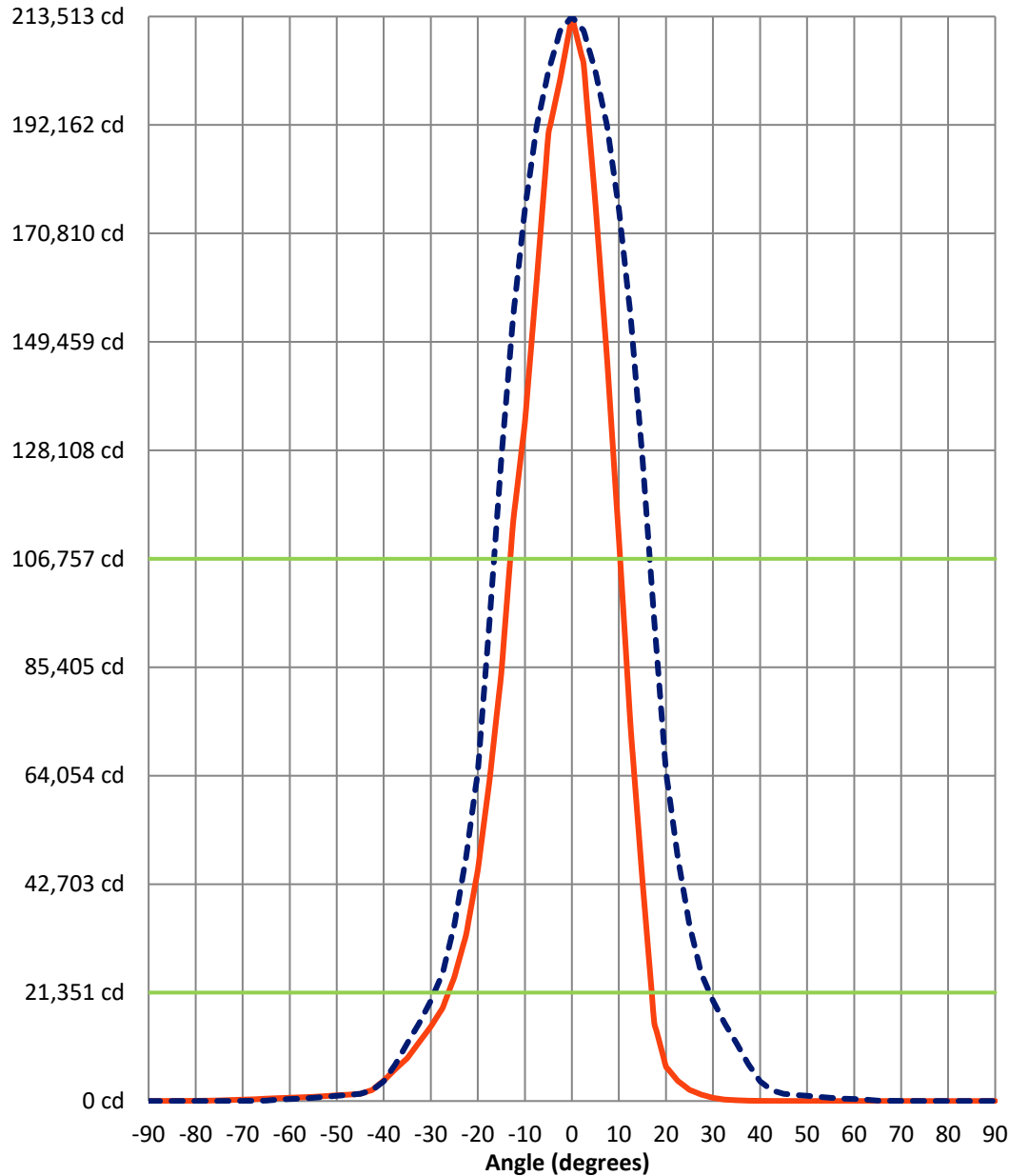
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 33.1°  
 V Angle: 23.4°  
 Lumens: 28518.2  
 Efficiency: 50.6%

**Field:**  
 H Angle: 58.5°  
 V Angle: 43.2°  
 Lumens: 48608.8  
 Efficiency: 86.2%

**Spill:**  
 Lumens: 7754.9  
 Efficiency: 13.8%

— 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°	7.8	8.7	9.7	9.2	8.8	8.3	7.8	8.3	8.8	9.2	9.7
87.5°	7.8	7.9	8.0	8.0	8.1	8.2	8.3	8.2	8.1	8.0	7.8
85°	7.8	8.0	8.1	8.3	8.5	8.6	8.8	8.7	8.5	8.2	7.8
82.5°	7.8	8.0	8.3	8.5	8.8	9.0	9.3	9.1	8.8	8.5	8.3
80°	7.8	8.1	8.5	8.8	9.1	9.4	9.7	9.4	9.1	9.0	9.1
77.5°	7.8	8.2	8.6	9.0	9.4	9.7	9.7	9.5	9.4	9.6	9.7
75°	7.8	8.3	8.8	9.3	9.7	9.7	9.7	9.6	9.7	9.7	9.7
72.5°	7.8	8.4	8.9	9.5	9.7	9.7	9.7	9.7	9.7	9.7	9.7
70°	7.8	8.4	9.1	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
67.5°	7.8	8.5	9.3	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
65°	7.8	8.6	9.4	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
62.5°	7.8	8.7	9.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
60°	7.8	8.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
57.5°	7.8	8.8	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
55°	7.8	8.9	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
52.5°	7.8	9.0	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
50°	7.8	9.0	9.7	9.7	9.7	9.7	9.7	9.8	9.7	9.7	10.6
47.5°	7.8	9.1	9.7	9.7	9.7	9.7	9.7	10.0	9.7	9.7	11.5
45°	7.8	9.1	9.7	9.7	9.7	9.7	9.9	10.1	9.8	10.3	12.2
42.5°	7.8	9.2	9.7	9.7	9.7	9.7	10.1	10.3	9.9	10.9	12.7
40°	7.8	9.3	9.7	9.7	9.7	9.7	10.3	10.4	10.2	11.4	13.1
37.5°	7.8	9.3	9.7	9.7	9.7	9.7	10.5	10.5	10.8	12.0	13.5
35°	7.8	9.4	9.7	9.7	9.7	9.8	10.8	10.6	11.3	12.9	13.8
32.5°	7.8	9.4	9.7	9.7	9.7	10.0	11.1	10.8	11.9	13.9	15.2
30°	7.8	9.4	9.7	9.7	9.7	10.3	11.2	11.0	12.4	15.2	16.9
27.5°	7.8	9.5	9.7	9.7	9.7	10.5	11.3	11.4	13.1	16.6	18.8
25°	7.8	9.5	9.7	9.7	9.7	10.7	11.4	11.8	14.1	18.1	20.9
22.5°	7.8	9.6	9.7	9.7	9.7	10.9	11.5	12.2	15.3	19.8	25.0
20°	7.8	9.6	9.7	9.7	9.7	11.1	11.7	12.5	16.5	21.6	29.4
17.5°	7.8	9.6	9.7	9.7	9.7	11.2	11.8	12.9	17.7	23.5	34.0
15°	7.8	9.6	9.7	9.7	9.7	11.4	12.0	13.5	19.0	25.4	38.7
12.5°	7.8	9.7	9.7	9.7	9.7	11.5	12.2	14.4	20.8	27.3	43.4
10°	7.8	9.7	9.7	9.7	9.7	11.5	12.5	15.4	23.0	31.3	49.6
7.5°	7.8	9.7	9.7	9.7	9.7	11.6	12.8	16.5	25.2	35.7	58.9
5°	7.8	9.7	9.7	9.7	9.7	11.7	13.1	17.5	27.3	40.1	68.2
2.5°	7.8	9.7	9.7	9.7	9.7	11.7	13.3	18.5	29.3	44.5	77.2
0°	7.8	9.7	9.7	9.7	9.7	11.7	13.3	18.5	29.3	44.5	77.2
-2.5°	7.8	9.7	9.7	9.7	9.7	11.9	14.9	22.2	36.7	59.0	101.2
-5°	7.8	9.7	9.7	9.7	9.7	12.1	16.1	24.8	42.0	68.7	115.6
-7.5°	7.8	9.7	9.7	9.7	9.7	12.2	17.3	27.2	46.8	77.7	128.7
-10°	7.8	9.7	9.7	9.7	9.7	12.3	18.3	29.3	51.0	85.6	140.2
-12.5°	7.8	9.7	9.7	9.7	9.7	12.4	19.1	31.1	54.5	92.4	150.4
-15°	7.8	9.6	9.7	9.7	9.7	12.4	19.7	32.6	57.8	98.9	158.9
-17.5°	7.8	9.6	9.7	9.7	9.7	12.3	20.0	34.2	60.9	103.9	165.2
-20°	7.8	9.6	9.7	9.7	9.7	12.2	20.4	35.7	62.9	107.1	169.2



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 CATALOG NUMBER: EPH-08-640L-40-70-4S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.8	9.6	9.7	9.7	9.7	12.1	20.8	36.7	63.6	108.5	170.6
-25°	7.8	9.6	9.7	9.7	9.7	12.1	20.9	37.2	62.9	108.0	169.5
-27.5°	7.8	9.5	9.7	9.7	9.7	12.1	20.5	37.2	60.8	106.1	168.4
-30°	7.8	9.5	9.7	9.7	9.7	11.9	19.8	36.5	59.5	103.6	164.8
-32.5°	7.8	9.5	9.7	9.7	9.9	11.6	18.6	35.6	58.6	99.1	158.4
-35°	7.8	9.5	9.7	9.7	10.0	11.1	17.9	34.2	56.9	92.4	149.1
-37.5°	7.8	9.4	9.7	9.7	10.1	10.7	17.3	32.1	54.3	83.7	134.4
-40°	7.8	9.4	9.7	9.7	10.3	10.9	16.5	29.3	50.9	78.1	119.6
-42.5°	7.8	9.4	9.7	9.7	10.4	11.1	15.4	26.0	46.9	71.6	103.7
-45°	7.8	9.3	9.7	9.8	10.5	11.2	14.0	23.0	42.3	64.2	88.0
-47.5°	7.8	9.3	9.7	9.8	10.5	11.4	12.4	21.0	36.7	55.9	78.7
-50°	7.8	9.3	9.7	9.8	10.5	11.5	12.3	18.7	29.6	47.8	68.5
-52.5°	7.8	9.3	9.7	9.9	10.5	11.6	12.4	16.0	24.9	39.2	57.6
-55°	7.8	9.2	9.7	9.9	10.5	11.6	12.6	13.4	21.3	30.1	47.2
-57.5°	7.8	9.2	9.7	9.9	10.5	11.5	12.7	13.6	17.5	24.8	36.3
-60°	7.8	9.2	9.7	9.8	10.4	11.4	12.8	13.6	14.5	20.7	27.1
-62.5°	7.8	9.1	9.7	9.8	10.4	11.3	12.6	13.6	14.3	16.5	22.6
-65°	7.8	9.1	9.7	9.8	10.3	11.1	12.3	13.4	14.0	15.2	18.1
-67.5°	7.8	9.1	9.7	9.8	10.1	10.9	11.9	12.9	13.6	14.5	15.9
-70°	7.8	9.0	9.7	9.7	10.0	10.6	11.6	12.4	13.0	13.6	14.7
-72.5°	7.8	9.0	9.7	9.7	9.9	10.4	11.2	11.8	12.4	12.9	13.4
-75°	7.8	9.0	9.7	9.6	9.7	10.1	10.7	11.3	11.8	12.2	12.7
-77.5°	7.8	8.9	9.7	9.5	9.6	9.8	10.2	10.7	11.1	11.5	11.9
-80°	7.8	8.9	9.7	9.5	9.4	9.5	9.8	10.1	10.4	10.7	11.1
-82.5°	7.8	8.9	9.7	9.4	9.3	9.2	9.3	9.6	9.7	10.0	10.2
-85°	7.8	8.8	9.7	9.4	9.1	8.9	8.8	9.1	9.4	9.6	9.7
-87.5°	7.8	8.8	9.7	9.3	8.9	8.6	8.3	8.7	9.1	9.4	9.7
-90°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8



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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°	9.2	8.8	8.3	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
87.5°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.3	6.8	6.3
85°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.5	7.3	7.2
82.5°	8.4	8.3	8.1	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
80°	9.1	8.8	8.4	7.9	7.8	7.8	7.8	7.8	7.8	7.8	7.8
77.5°	9.3	8.9	8.4	7.9	7.8	7.8	7.8	7.8	7.8	7.8	7.8
75°	9.4	8.9	8.4	8.0	7.8	7.8	7.9	8.2	8.4	8.5	8.3
72.5°	9.4	9.0	8.5	8.0	8.2	8.7	9.1	9.5	10.0	10.3	10.6
70°	9.5	9.0	8.8	8.9	9.3	9.9	10.8	11.8	12.8	13.6	14.8
67.5°	9.6	9.4	9.4	9.8	10.5	11.5	12.7	15.2	17.9	19.5	21.1
65°	9.7	9.6	9.9	10.6	11.6	14.0	16.9	20.0	24.8	27.6	28.8
62.5°	9.7	9.8	10.4	11.8	14.5	17.6	21.6	26.9	33.5	37.9	38.1
60°	9.7	9.9	11.6	14.3	17.4	21.2	26.5	33.9	43.4	50.6	46.0
57.5°	9.7	10.8	13.6	16.5	19.9	24.2	31.2	40.4	49.5	59.1	50.7
55°	10.2	12.4	15.1	18.1	22.0	26.7	33.8	41.7	51.6	54.5	45.0
52.5°	11.5	13.7	16.0	19.4	23.6	27.7	32.3	39.1	42.3	42.9	35.7
50°	12.7	14.4	16.6	20.2	24.3	27.2	28.3	32.2	32.5	29.4	25.6
47.5°	13.4	15.0	16.7	20.6	24.3	26.1	25.6	24.7	22.6	20.9	16.2
45°	13.9	15.6	17.2	21.0	24.1	24.7	22.5	17.8	18.6	16.5	15.4
42.5°	14.4	16.1	18.7	21.7	23.7	23.5	20.3	18.8	17.5	17.1	16.7
40°	14.9	16.7	20.6	23.2	23.7	23.0	23.1	22.0	19.0	20.2	20.4
37.5°	15.3	18.6	23.2	27.1	24.4	25.8	27.6	28.0	26.4	25.8	28.5
35°	15.7	20.6	28.4	32.7	30.3	31.2	34.9	36.4	36.8	36.7	38.7
32.5°	17.0	22.8	35.2	39.5	40.7	41.3	43.9	47.6	51.9	53.7	51.5
30°	19.7	29.2	43.2	47.7	52.8	60.1	58.4	61.3	70.8	74.8	78.4
27.5°	24.2	37.5	51.1	58.8	67.9	84.4	90.3	84.3	92.5	100.3	111.9
25°	29.3	58.5	59.9	71.4	91.8	116.7	132.6	139.5	121.3	134.8	166.2
22.5°	40.6	86.0	91.5	84.9	119.4	156.2	187.6	204.5	202.3	189.1	231.4
20°	60.7	113.8	128.5	131.3	157.6	201.6	250.5	279.1	306.1	353.2	477.0
17.5°	84.2	144.6	167.8	191.4	239.1	278.2	320.1	362.5	426.6	566.7	986.5
15°	110.3	177.8	208.8	256.7	327.7	393.1	444.2	482.2	595.5	889.2	1631.5
12.5°	138.1	212.8	251.2	325.8	421.1	514.0	586.4	663.0	853.6	1431.1	2657.1
10°	166.7	248.8	294.3	397.2	517.5	638.7	732.5	847.9	1145.8	2044.5	3776.4
7.5°	198.4	287.2	338.3	469.5	615.2	765.0	880.6	1034.3	1444.0	2664.5	4902.8
5°	229.2	327.5	385.2	531.8	697.3	876.0	1018.9	1218.5	1738.9	3265.4	5997.3
2.5°	257.6	366.5	431.0	588.7	766.4	960.4	1113.3	1328.7	1943.2	3660.2	6803.0
0°	282.5	403.3	475.4	641.0	830.0	1038.4	1202.1	1430.0	2108.0	3898.5	7284.5
-2.5°	292.0	417.5	493.6	654.2	838.8	1051.7	1218.4	1438.8	2158.6	3995.1	7355.4
-5°	297.4	428.3	509.6	662.9	841.9	1056.8	1228.0	1438.7	2145.9	3911.4	7009.7
-7.5°	299.1	435.7	523.1	664.0	826.0	1022.9	1180.0	1363.2	1976.8	3565.6	6264.3
-10°	297.4	434.5	519.1	639.5	784.7	963.2	1115.6	1280.7	1781.8	3131.8	5435.3
-12.5°	291.9	426.6	511.3	613.6	742.0	899.2	1048.1	1192.7	1565.2	2615.5	4581.5
-15°	284.6	417.2	503.1	587.3	699.0	831.9	978.3	1100.4	1339.9	2064.6	3734.1
-17.5°	275.9	406.8	495.0	561.5	656.9	762.3	910.2	1023.4	1173.6	1713.4	3052.2
-20°	266.3	395.8	487.4	537.0	617.6	709.5	844.6	959.6	1086.7	1436.5	2321.0



REPORT NUMBER: P1305607 (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°	256.3	384.5	476.2	523.3	591.9	673.1	778.6	892.2	998.3	1130.8	1700.2
-25°	251.3	367.9	459.7	514.0	567.9	637.8	714.8	821.3	916.1	1043.5	1372.0
-27.5°	248.9	352.3	440.2	503.5	544.4	605.6	669.3	751.6	860.1	972.7	1091.8
-30°	243.1	329.2	420.1	489.0	529.5	579.3	632.7	702.6	806.2	910.2	1015.4
-32.5°	228.9	304.6	394.2	465.8	515.9	554.5	606.4	670.5	753.8	849.2	943.7
-35°	210.4	283.1	364.9	442.6	500.2	537.8	585.0	640.0	705.2	790.7	891.6
-37.5°	192.0	259.2	334.3	414.8	475.1	524.6	562.2	612.2	668.8	736.6	835.9
-40°	171.4	233.0	304.9	380.4	451.0	505.3	547.2	585.0	633.9	700.5	771.6
-42.5°	149.3	208.0	273.8	344.4	414.7	477.0	530.1	565.7	607.3	665.0	729.8
-45°	130.6	180.6	240.9	305.9	372.1	440.6	497.2	549.0	586.9	630.7	688.4
-47.5°	110.8	153.2	208.0	264.9	327.2	391.4	457.5	512.5	566.0	605.9	646.8
-50°	92.2	130.2	172.3	225.1	280.1	339.9	401.5	466.7	522.8	574.5	619.0
-52.5°	79.7	106.1	143.3	185.1	234.5	286.4	344.1	403.9	465.6	524.3	570.6
-55°	66.1	88.5	114.9	150.2	190.0	235.7	285.3	340.3	394.7	452.2	505.0
-57.5°	53.1	72.3	92.8	117.6	151.1	186.9	230.6	276.4	326.3	375.5	417.4
-60°	40.2	56.8	75.0	93.6	114.1	145.3	177.1	215.7	258.1	299.0	335.9
-62.5°	28.3	42.0	57.8	74.4	91.1	107.2	132.7	161.5	190.4	225.0	257.3
-65°	23.5	29.3	40.9	55.6	70.6	85.6	100.2	114.4	138.4	162.7	185.4
-67.5°	18.6	23.8	29.2	36.5	49.7	63.1	76.9	90.0	102.6	114.9	129.1
-70°	16.5	18.6	22.8	27.8	32.8	39.5	51.2	63.3	75.8	88.3	99.2
-72.5°	14.9	16.9	18.9	20.8	24.9	29.1	33.2	37.2	45.0	55.8	66.8
-75°	13.6	15.1	16.9	18.8	20.4	22.2	24.3	27.9	31.5	35.2	38.9
-77.5°	12.5	13.5	14.8	16.4	18.0	19.3	20.8	22.3	24.0	25.8	27.6
-80°	11.4	11.7	12.4	13.3	14.6	15.9	17.1	18.4	19.5	20.8	22.1
-82.5°	10.5	10.7	10.9	11.1	11.7	12.4	13.2	14.3	14.9	15.6	16.3
-85°	9.7	9.7	9.8	10.0	10.2	10.5	10.9	11.3	11.5	11.8	12.0
-87.5°	9.4	9.2	9.0	8.9	9.0	9.0	9.1	9.1	9.2	9.3	9.3
-90°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.3	6.8	6.3



REPORT NUMBER: P1305607 (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°	7.8	8.8	9.7	10.7	11.7	12.7	13.6	14.6	15.6	16.6	17.5
87.5°	5.8	5.8	5.8	5.8	5.8	5.3	4.9	4.4	3.9	3.4	2.9
85°	7.1	6.8	6.5	6.2	5.8	5.3	4.9	4.4	3.9	3.4	2.9
82.5°	7.8	7.3	6.8	6.3	5.8	5.4	4.9	4.4	3.9	3.4	2.9
80°	7.8	7.4	6.9	6.4	5.9	5.4	4.9	4.4	3.9	3.4	2.9
77.5°	7.8	7.4	6.9	6.4	5.9	5.4	4.9	4.5	4.0	3.8	3.8
75°	8.0	7.6	7.5	7.3	6.9	6.5	6.2	5.9	5.5	5.2	4.8
72.5°	10.8	10.8	10.5	10.2	9.6	9.1	8.7	8.2	7.5	7.1	6.7
70°	16.0	16.6	16.1	15.0	13.3	11.9	11.2	10.4	9.5	8.7	7.9
67.5°	22.2	22.2	20.6	18.5	15.8	13.3	12.2	11.2	10.2	9.6	9.5
65°	28.7	26.8	24.1	20.8	17.1	13.4	12.4	11.3	10.3	9.7	9.7
62.5°	36.0	30.0	24.2	19.9	16.4	13.4	12.0	10.6	9.3	8.3	8.1
60°	38.7	28.7	20.7	17.2	14.3	12.0	10.5	9.4	8.4	7.8	7.8
57.5°	37.4	25.6	16.6	13.8	11.7	10.2	9.1	8.2	7.3	6.5	6.2
55°	31.9	20.9	12.5	10.7	9.6	8.5	7.6	7.0	6.4	5.8	5.8
52.5°	23.5	16.0	11.2	9.4	8.8	8.3	7.7	7.5	7.3	7.1	6.9
50°	17.2	12.4	10.7	9.5	9.2	9.2	9.5	9.4	9.3	9.1	8.8
47.5°	14.0	12.1	10.9	9.8	10.0	11.0	11.4	11.4	11.3	11.1	10.8
45°	13.5	12.4	11.8	12.5	13.1	13.7	13.7	13.3	14.0	14.2	13.9
42.5°	14.9	15.1	16.2	17.1	16.5	17.6	18.8	18.8	19.7	20.3	20.3
40°	21.0	20.5	23.5	24.4	24.8	26.0	29.3	28.9	30.4	34.5	35.3
37.5°	30.1	31.8	33.8	35.7	40.9	44.2	50.7	55.9	58.7	66.6	72.6
35°	42.5	46.7	47.9	58.2	68.8	78.9	87.9	98.9	103.6	121.0	133.0
32.5°	60.2	68.8	80.7	97.8	118.0	141.9	140.9	177.4	190.7	226.3	267.2
30°	84.1	108.6	147.5	174.5	224.1	263.0	282.7	339.7	416.3	489.5	589.2
27.5°	136.8	188.3	258.7	351.5	399.9	458.7	547.5	615.6	790.5	957.6	1080.3
25°	235.2	343.4	476.2	613.3	699.2	776.2	938.5	1057.6	1305.6	1491.8	1757.4
22.5°	449.8	680.9	849.0	950.8	1135.1	1376.0	1493.0	1820.5	2188.2	2657.6	3045.5
20°	758.0	1121.5	1496.2	1725.1	1935.5	2467.4	2700.5	3314.0	4095.6	4979.0	5715.4
17.5°	1483.1	1815.2	2578.2	3321.6	3880.8	4406.0	5789.9	6932.8	8976.4	11477.6	12631.2
15°	2661.3	3589.6	4480.0	5828.4	7255.3	8843.0	11156.0	15149.3	20165.1	25634.4	31550.2
12.5°	4314.4	6009.0	7601.6	9298.9	11341.8	15242.9	20516.6	27491.2	36503.5	46172.8	57337.4
10°	6171.6	8750.6	11076.8	13639.3	17266.7	23062.2	30878.9	41638.4	57687.8	74093.3	88323.5
7.5°	7834.7	10958.3	14113.5	17822.6	23572.4	31849.6	43095.6	59895.0	80854.1	101156.0	118466.8
5°	9428.5	13077.4	16673.7	21094.6	28341.2	39143.7	53698.1	76745.1	103240.9	125767.6	144739.2
2.5°	10670.3	14735.5	18851.0	24050.5	32318.1	44609.0	61140.0	89035.3	121014.5	145997.6	167690.6
0°	11381.7	15280.1	19747.5	25134.4	34647.7	48036.1	64989.8	94692.9	126541.0	154304.6	175504.5
-2.5°	11242.4	15327.5	19894.6	25344.2	34361.4	47215.4	63928.0	92262.5	123961.2	148989.8	169532.1
-5°	10532.7	14270.1	18296.7	23077.9	31034.4	42747.0	59156.4	85783.3	115201.3	140235.9	161114.0
-7.5°	9425.9	12730.9	16236.2	20397.7	27126.7	37318.3	51423.4	72155.6	98220.1	120893.6	136542.1
-10°	8218.0	11126.1	14289.3	18055.3	23362.6	31352.2	42039.5	57015.9	78333.5	97226.7	111741.9
-12.5°	7072.7	9716.4	12468.1	15612.8	19629.9	25922.8	34045.4	45226.5	58968.3	74498.7	89325.1
-15°	5974.3	8296.0	10697.2	13608.1	17101.6	21371.1	26831.6	34354.4	43382.6	53561.6	64542.1
-17.5°	4928.7	6967.3	9226.4	11768.1	14655.0	17917.0	22496.5	27655.2	33386.7	40019.0	46307.0
-20°	3866.7	5750.3	7800.3	10063.0	12653.2	15626.8	18885.5	22760.4	26907.0	31438.4	36142.3



REPORT NUMBER: P1305607 (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°	2951.1	4556.2	6349.8	8409.8	10841.6	13462.8	15990.4	18533.8	21601.6	24590.2	27591.6
-25°	2066.6	3339.3	5014.1	6983.3	9048.1	11238.9	13114.9	14907.6	17038.0	18954.0	20949.2
-27.5°	1519.9	2394.4	3779.3	5525.9	7377.7	8880.3	10459.7	11930.2	13472.8	14688.9	16094.3
-30°	1159.0	1662.5	2691.7	4054.0	5539.7	6849.1	8068.0	9399.6	10668.0	11723.7	12607.3
-32.5°	1057.1	1248.9	1769.9	2718.9	3792.8	4954.7	6009.3	7168.4	8232.3	9110.4	9813.8
-35°	993.4	1097.5	1249.4	1728.4	2358.1	3275.4	4155.4	5104.6	5986.6	6711.0	7293.4
-37.5°	939.1	1030.4	1120.0	1210.1	1557.0	1943.9	2579.0	3266.1	3861.8	4524.2	5041.3
-40°	871.7	974.1	1046.6	1120.6	1204.0	1300.7	1635.8	1936.8	2273.7	2741.3	3128.5
-42.5°	797.7	884.2	974.4	1046.9	1111.1	1179.4	1255.3	1330.5	1485.5	1682.1	1842.2
-45°	749.2	806.1	871.7	953.9	1029.0	1085.9	1142.3	1197.0	1248.7	1295.3	1334.2
-47.5°	696.8	745.2	798.4	854.9	910.5	973.7	1033.1	1082.6	1121.9	1159.4	1192.9
-50°	650.3	686.0	730.9	774.8	818.6	863.5	907.8	946.1	984.0	1018.2	1051.5
-52.5°	612.6	642.7	672.2	701.6	737.2	771.9	804.6	834.1	861.0	884.3	908.9
-55°	549.1	587.1	624.8	651.0	673.5	695.2	716.8	741.2	762.5	780.8	798.1
-57.5°	463.0	508.9	550.9	581.7	610.8	638.1	657.1	671.1	684.7	697.5	709.3
-60°	371.6	406.0	446.2	485.7	522.0	555.0	576.3	594.3	609.6	622.4	633.8
-62.5°	287.2	316.7	349.5	381.3	410.6	439.6	467.8	492.4	513.4	531.3	546.0
-65°	209.2	235.0	262.9	289.8	315.6	341.1	364.5	385.8	405.0	422.2	438.2
-67.5°	148.9	167.8	188.1	206.3	226.9	249.2	271.2	291.0	308.5	322.4	332.8
-70°	109.5	120.3	133.6	149.3	166.3	182.3	198.2	213.4	227.8	240.3	251.5
-72.5°	77.8	88.9	99.5	109.4	120.0	130.5	141.2	152.5	163.9	173.4	181.8
-75°	42.7	48.2	57.1	65.9	74.3	82.4	89.6	95.9	101.3	105.9	109.8
-77.5°	30.3	33.9	37.6	41.3	44.8	49.0	53.5	58.0	62.4	65.9	69.2
-80°	23.4	25.4	27.6	29.9	32.4	35.3	38.3	41.4	44.4	46.6	48.6
-82.5°	17.1	18.6	20.1	21.6	23.0	24.9	26.7	28.6	30.3	31.6	32.8
-85°	12.2	13.2	14.2	15.3	16.4	18.0	19.7	21.3	23.0	24.1	25.1
-87.5°	9.4	10.0	10.6	11.1	11.7	13.1	14.5	16.0	17.4	18.0	18.5
-90°	5.8	5.8	5.8	5.8	5.8	5.3	4.9	4.4	3.9	3.4	2.9



REPORT NUMBER: P1305607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-40-70-4S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	18.5	19.5	19.5	19.5	19.5	19.5	18.5	17.5	16.6	15.6	14.6
87.5°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.9	3.4	3.9	4.4
85°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.9	3.4	3.9	4.4
82.5°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.9	3.4	3.9	4.4
80°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.9	3.4	3.9	4.4
77.5°	3.8	3.9	2.9	1.9	2.9	3.9	3.8	3.8	3.8	4.0	4.5
75°	4.4	3.9	2.9	1.9	2.9	3.9	4.4	4.8	5.2	5.5	5.9
72.5°	6.3	5.8	5.8	5.8	5.8	5.8	6.3	6.7	7.1	7.5	8.2
70°	6.9	5.9	5.8	5.8	5.8	5.9	6.9	7.9	8.7	9.5	10.4
67.5°	9.5	9.6	9.7	9.7	9.7	9.6	9.5	9.5	9.6	10.2	11.2
65°	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	10.3	11.3
62.5°	8.0	7.9	7.8	7.8	7.8	7.9	8.0	8.1	8.3	9.3	10.6
60°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	8.4	9.4
57.5°	6.0	5.9	5.8	5.8	5.8	5.9	6.0	6.2	6.5	7.3	8.2
55°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	6.4	7.0
52.5°	6.6	6.0	5.8	5.8	5.8	6.0	6.6	6.9	7.1	7.3	7.5
50°	8.4	7.9	7.8	7.8	7.8	7.9	8.4	8.8	9.1	9.3	9.4
47.5°	10.4	9.9	9.7	9.7	9.7	9.9	10.4	10.8	11.1	11.3	11.4
45°	13.3	12.3	11.7	11.7	11.7	12.3	13.3	13.9	14.2	14.0	13.3
42.5°	20.2	19.7	19.3	19.5	19.3	19.7	20.2	20.3	20.3	19.7	18.8
40°	37.0	38.1	38.5	39.0	38.5	38.1	37.0	35.3	34.5	30.4	28.9
37.5°	75.9	74.5	71.2	72.1	71.2	74.5	75.9	72.6	66.6	58.7	55.9
35°	141.0	149.4	155.4	159.8	155.4	149.4	141.0	133.0	121.0	103.6	98.9
32.5°	282.3	293.9	290.6	284.4	290.6	293.9	282.3	267.2	226.3	190.7	177.4
30°	648.1	682.0	672.8	633.2	672.8	682.0	648.1	589.2	489.5	416.3	339.7
27.5°	1168.4	1250.2	1303.4	1276.1	1303.4	1250.2	1168.4	1080.3	957.6	790.5	615.6
25°	1986.5	2145.2	2258.8	2211.3	2258.8	2145.2	1986.5	1757.4	1491.8	1305.6	1057.6
22.5°	3532.0	3792.7	3947.6	3988.1	3947.6	3792.7	3532.0	3045.5	2657.6	2188.2	1820.5
20°	6641.6	6849.4	6890.7	6787.7	6890.7	6849.4	6641.6	5715.4	4979.0	4095.6	3314.0
17.5°	15980.5	16940.3	16236.7	15498.4	16236.7	16940.3	15980.5	12631.2	11477.6	8976.4	6932.8
15°	36556.1	40609.4	42918.4	43389.5	42918.4	40609.4	36556.1	31550.2	25634.4	20165.1	15149.3
12.5°	64413.8	70945.9	73641.6	73389.7	73641.6	70945.9	64413.8	57337.4	46172.8	36503.5	27491.2
10°	97451.7	104435.2	110444.0	110504.9	110444.0	104435.2	97451.7	88323.5	74093.3	57687.8	41638.4
7.5°	130481.9	138535.8	144188.7	145801.5	144188.7	138535.8	130481.9	118466.8	101156.0	80854.1	59895.0
5°	159397.8	169369.0	174981.1	176694.9	174981.1	169369.0	159397.8	144739.2	125767.6	103240.9	76745.1
2.5°	184820.7	197035.7	203190.9	204147.7	203190.9	197035.7	184820.7	167690.6	145997.6	121014.5	89035.3
0°	191815.3	202704.1	210675.4	213513.0	210675.4	202704.1	191815.3	175504.5	154304.6	126541.0	94692.9
-2.5°	184919.5	194446.0	199197.0	201178.5	199197.0	194446.0	184919.5	169532.1	148989.8	123961.2	92262.5
-5°	174019.5	182909.9	188960.6	190361.9	188960.6	182909.9	174019.5	161114.0	140235.9	115201.3	85783.3
-7.5°	146863.1	155613.8	158332.5	161414.7	158332.5	155613.8	146863.1	136542.1	120893.6	98220.1	72155.6
-10°	122707.0	129514.4	131386.7	133570.3	131386.7	129514.4	122707.0	111741.9	97226.7	78333.5	57015.9
-12.5°	101529.5	108272.4	111325.0	113937.7	111325.0	108272.4	101529.5	89325.1	74498.7	58968.3	45226.5
-15°	74384.1	80721.7	82910.9	84324.3	82910.9	80721.7	74384.1	64542.1	53561.6	43382.6	34354.4
-17.5°	53882.6	58709.2	61577.4	63240.3	61577.4	58709.2	53882.6	46307.0	40019.0	33386.7	27655.2
-20°	40277.1	43043.1	45265.0	45509.2	45265.0	43043.1	40277.1	36142.3	31438.4	26907.0	22760.4



REPORT NUMBER: P1305607 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	30106.4	31753.9	32776.8	32715.1	32776.8	31753.9	30106.4	27591.6	24590.2	21601.6	18533.8
-25°	22470.9	23578.5	24283.0	24409.7	24283.0	23578.5	22470.9	20949.2	18954.0	17038.0	14907.6
-27.5°	17100.3	17880.2	18284.3	18305.8	18284.3	17880.2	17100.3	16094.3	14688.9	13472.8	11930.2
-30°	13248.6	13898.1	14328.9	14658.7	14328.9	13898.1	13248.6	12607.3	11723.7	10668.0	9399.6
-32.5°	10404.9	10959.3	11335.2	11559.0	11335.2	10959.3	10404.9	9813.8	9110.4	8232.3	7168.4
-35°	7800.5	8244.5	8510.2	8443.7	8510.2	8244.5	7800.5	7293.4	6711.0	5986.6	5104.6
-37.5°	5496.7	5873.1	6140.9	6310.4	6140.9	5873.1	5496.7	5041.3	4524.2	3861.8	3266.1
-40°	3463.5	3723.8	3909.0	4027.0	3909.0	3723.8	3463.5	3128.5	2741.3	2273.7	1936.8
-42.5°	1972.5	2069.9	2135.4	2170.4	2135.4	2069.9	1972.5	1842.2	1682.1	1485.5	1330.5
-45°	1364.3	1388.5	1406.1	1416.4	1406.1	1388.5	1364.3	1334.2	1295.3	1248.7	1197.0
-47.5°	1219.1	1239.0	1252.0	1258.6	1252.0	1239.0	1219.1	1192.9	1159.4	1121.9	1082.6
-50°	1081.5	1105.9	1120.7	1126.1	1120.7	1105.9	1081.5	1051.5	1018.2	984.0	946.1
-52.5°	931.9	951.8	965.1	972.2	965.1	951.8	931.9	908.9	884.3	861.0	834.1
-55°	813.2	825.8	832.4	833.9	832.4	825.8	813.2	798.1	780.8	762.5	741.2
-57.5°	719.2	727.3	733.8	738.4	733.8	727.3	719.2	709.3	697.5	684.7	671.1
-60°	642.9	649.9	653.6	654.6	653.6	649.9	642.9	633.8	622.4	609.6	594.3
-62.5°	557.4	565.7	572.2	576.7	572.2	565.7	557.4	546.0	531.3	513.4	492.4
-65°	452.6	465.3	472.0	475.4	472.0	465.3	452.6	438.2	422.2	405.0	385.8
-67.5°	341.1	347.5	349.1	348.7	349.1	347.5	341.1	332.8	322.4	308.5	291.0
-70°	262.0	271.5	275.0	276.7	275.0	271.5	262.0	251.5	240.3	227.8	213.4
-72.5°	189.4	196.1	200.0	202.6	200.0	196.1	189.4	181.8	173.4	163.9	152.5
-75°	113.1	115.8	117.6	118.8	117.6	115.8	113.1	109.8	105.9	101.3	95.9
-77.5°	72.4	75.4	76.8	77.9	76.8	75.4	72.4	69.2	65.9	62.4	58.0
-80°	50.5	52.3	52.5	52.6	52.5	52.3	50.5	48.6	46.6	44.4	41.4
-82.5°	33.9	35.0	35.1	35.1	35.1	35.0	33.9	32.8	31.6	30.3	28.6
-85°	26.2	27.2	27.3	27.3	27.3	27.2	26.2	25.1	24.1	23.0	21.3
-87.5°	19.0	19.5	20.4	21.4	20.4	19.5	19.0	18.5	18.0	17.4	16.0
-90°	2.4	1.9	1.0	0.0	1.0	1.9	2.4	2.9	3.4	3.9	4.4



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	13.6	12.7	11.7	10.7	9.7	8.8	7.8	7.8	7.8	7.8	7.8
87.5°	4.9	5.3	5.8	5.8	5.8	5.8	5.8	6.3	6.8	7.3	7.8
85°	4.9	5.3	5.8	6.2	6.5	6.8	7.1	7.2	7.3	7.5	7.8
82.5°	4.9	5.4	5.8	6.3	6.8	7.3	7.8	7.8	7.8	7.8	7.8
80°	4.9	5.4	5.9	6.4	6.9	7.4	7.8	7.8	7.8	7.8	7.8
77.5°	4.9	5.4	5.9	6.4	6.9	7.4	7.8	7.8	7.8	7.8	7.8
75°	6.2	6.5	6.9	7.3	7.5	7.6	8.0	8.3	8.5	8.4	8.2
72.5°	8.7	9.1	9.6	10.2	10.5	10.8	10.8	10.6	10.3	10.0	9.5
70°	11.2	11.9	13.3	15.0	16.1	16.6	16.0	14.8	13.6	12.8	11.8
67.5°	12.2	13.3	15.8	18.5	20.6	22.2	22.2	21.1	19.5	17.9	15.2
65°	12.4	13.4	17.1	20.8	24.1	26.8	28.7	28.8	27.6	24.8	20.0
62.5°	12.0	13.4	16.4	19.9	24.2	30.0	36.0	38.1	37.9	33.5	26.9
60°	10.5	12.0	14.3	17.2	20.7	28.7	38.7	46.0	50.6	43.4	33.9
57.5°	9.1	10.2	11.7	13.8	16.6	25.6	37.4	50.7	59.1	49.5	40.4
55°	7.6	8.5	9.6	10.7	12.5	20.9	31.9	45.0	54.5	51.6	41.7
52.5°	7.7	8.3	8.8	9.4	11.2	16.0	23.5	35.7	42.9	42.3	39.1
50°	9.5	9.2	9.2	9.5	10.7	12.4	17.2	25.6	29.4	32.5	32.2
47.5°	11.4	11.0	10.0	9.8	10.9	12.1	14.0	16.2	20.9	22.6	24.7
45°	13.7	13.7	13.1	12.5	11.8	12.4	13.5	15.4	16.5	18.6	17.8
42.5°	18.8	17.6	16.5	17.1	16.2	15.1	14.9	16.7	17.1	17.5	18.8
40°	29.3	26.0	24.8	24.4	23.5	20.5	21.0	20.4	20.2	19.0	22.0
37.5°	50.7	44.2	40.9	35.7	33.8	31.8	30.1	28.5	25.8	26.4	28.0
35°	87.9	78.9	68.8	58.2	47.9	46.7	42.5	38.7	36.7	36.8	36.4
32.5°	140.9	141.9	118.0	97.8	80.7	68.8	60.2	51.5	53.7	51.9	47.6
30°	282.7	263.0	224.1	174.5	147.5	108.6	84.1	78.4	74.8	70.8	61.3
27.5°	547.5	458.7	399.9	351.5	258.7	188.3	136.8	111.9	100.3	92.5	84.3
25°	938.5	776.2	699.2	613.3	476.2	343.4	235.2	166.2	134.8	121.3	139.5
22.5°	1493.0	1376.0	1135.1	950.8	849.0	680.9	449.8	231.4	189.1	202.3	204.5
20°	2700.5	2467.4	1935.5	1725.1	1496.2	1121.5	758.0	477.0	353.2	306.1	279.1
17.5°	5879.9	4406.0	3880.8	3321.6	2578.2	1815.2	1483.1	986.5	566.7	426.6	362.5
15°	11156.0	8843.0	7255.3	5828.4	4480.0	3589.6	2661.3	1631.5	889.2	595.5	482.2
12.5°	20516.6	15242.9	11341.8	9298.9	7601.6	6009.0	4314.4	2657.1	1431.1	853.6	663.0
10°	30878.9	23062.2	17266.7	13639.3	11076.8	8750.6	6171.6	3776.4	2044.5	1145.8	847.9
7.5°	43095.6	31849.6	23572.4	17822.6	14113.5	10958.3	7834.7	4902.8	2664.5	1444.0	1034.3
5°	53698.1	39143.7	28341.2	21094.6	16673.7	13077.4	9428.5	5997.3	3265.4	1738.9	1218.5
2.5°	61140.0	44609.0	32318.1	24050.5	18851.0	14735.5	10670.3	6803.0	3660.2	1943.2	1328.7
0°	64989.8	48036.1	34647.7	25134.4	19747.5	15280.1	11381.7	7284.5	3898.5	2108.0	1430.0
-2.5°	63928.0	47215.4	34361.4	25344.2	19894.6	15327.5	11242.4	7355.4	3995.1	2158.6	1438.8
-5°	59156.4	42747.0	31034.4	23077.9	18296.7	14270.1	10532.7	7009.7	3911.4	2145.9	1438.7
-7.5°	51423.4	37318.3	27126.7	20397.7	16236.2	12730.9	9425.9	6264.3	3565.6	1976.8	1363.2
-10°	42039.5	31352.2	23362.6	18055.3	14289.3	11126.1	8218.0	5435.3	3131.8	1781.8	1280.7
-12.5°	34045.4	25922.8	19629.9	15612.8	12468.1	9716.4	7072.7	4581.5	2615.5	1565.2	1192.7
-15°	26831.6	21371.1	17101.6	13608.1	10697.2	8296.0	5974.3	3734.1	2064.6	1339.9	1100.4
-17.5°	22496.5	17917.0	14655.0	11768.1	9226.4	6967.3	4928.7	3052.2	1713.4	1173.6	1023.4
-20°	18885.5	15626.8	12653.2	10063.0	7800.3	5750.3	3866.7	2321.0	1436.5	1086.7	959.6



REPORT NUMBER: P1305607 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	15990.4	13462.8	10841.6	8409.8	6349.8	4556.2	2951.1	1700.2	1130.8	998.3	892.2
-25°	13114.9	11238.9	9048.1	6983.3	5014.1	3339.3	2066.6	1372.0	1043.5	916.1	821.3
-27.5°	10459.7	8880.3	7377.7	5525.9	3779.3	2394.4	1519.9	1091.8	972.7	860.1	751.6
-30°	8068.0	6849.1	5539.7	4054.0	2691.7	1662.5	1159.0	1015.4	910.2	806.2	702.6
-32.5°	6009.3	4954.7	3792.8	2718.9	1769.9	1248.9	1057.1	943.7	849.2	753.8	670.5
-35°	4155.4	3275.4	2358.1	1728.4	1249.4	1097.5	993.4	891.6	790.7	705.2	640.0
-37.5°	2579.0	1943.9	1557.0	1210.1	1120.0	1030.4	939.1	835.9	736.6	668.8	612.2
-40°	1635.8	1300.7	1204.0	1120.6	1046.6	974.1	871.7	771.6	700.5	633.9	585.0
-42.5°	1255.3	1179.4	1111.1	1046.9	974.4	884.2	797.7	729.8	665.0	607.3	565.7
-45°	1142.3	1085.9	1029.0	953.9	871.7	806.1	749.2	688.4	630.7	586.9	549.0
-47.5°	1033.1	973.7	910.5	854.9	798.4	745.2	696.8	646.8	605.9	566.0	512.5
-50°	907.8	863.5	818.6	774.8	730.9	686.0	650.3	619.0	574.5	522.8	466.7
-52.5°	804.6	771.9	737.2	701.6	672.2	642.7	612.6	570.6	524.3	465.6	403.9
-55°	716.8	695.2	673.5	651.0	624.8	587.1	549.1	505.0	452.2	394.7	340.3
-57.5°	657.1	638.1	610.8	581.7	550.9	508.9	463.0	417.4	375.5	326.3	276.4
-60°	576.3	555.0	522.0	485.7	446.2	406.0	371.6	335.9	299.0	258.1	215.7
-62.5°	467.8	439.6	410.6	381.3	349.5	316.7	287.2	257.3	225.0	190.4	161.5
-65°	364.5	341.1	315.6	289.8	262.9	235.0	209.2	185.4	162.7	138.4	114.4
-67.5°	271.2	249.2	226.9	206.3	188.1	167.8	148.9	129.1	114.9	102.6	90.0
-70°	198.2	182.3	166.3	149.3	133.6	120.3	109.5	99.2	88.3	75.8	63.3
-72.5°	141.2	130.5	120.0	109.4	99.5	88.9	77.8	66.8	55.8	45.0	37.2
-75°	89.6	82.4	74.3	65.9	57.1	48.2	42.7	38.9	35.2	31.5	27.9
-77.5°	53.5	49.0	44.8	41.3	37.6	33.9	30.3	27.6	25.8	24.0	22.3
-80°	38.3	35.3	32.4	29.9	27.6	25.4	23.4	22.1	20.8	19.5	18.4
-82.5°	26.7	24.9	23.0	21.6	20.1	18.6	17.1	16.3	15.6	14.9	14.3
-85°	19.7	18.0	16.4	15.3	14.2	13.2	12.2	12.0	11.8	11.5	11.3
-87.5°	14.5	13.1	11.7	11.1	10.6	10.0	9.4	9.3	9.3	9.2	9.1
-90°	4.9	5.3	5.8	5.8	5.8	5.8	5.8	6.3	6.8	7.3	7.8



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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°	7.8	7.8	7.8	7.8	8.3	8.8	9.2	9.7	9.2	8.8	8.3
87.5°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	8.0	8.1	8.2
85°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	8.2	8.5	8.7
82.5°	7.8	7.8	7.8	7.8	8.1	8.3	8.4	8.3	8.5	8.8	9.1
80°	7.8	7.8	7.8	7.9	8.4	8.8	9.1	9.1	9.0	9.1	9.4
77.5°	7.8	7.8	7.8	7.9	8.4	8.9	9.3	9.7	9.6	9.4	9.5
75°	7.9	7.8	7.8	8.0	8.4	8.9	9.4	9.7	9.7	9.7	9.6
72.5°	9.1	8.7	8.2	8.0	8.5	9.0	9.4	9.7	9.7	9.7	9.7
70°	10.8	9.9	9.3	8.9	8.8	9.0	9.5	9.7	9.7	9.7	9.7
67.5°	12.7	11.5	10.5	9.8	9.4	9.4	9.6	9.7	9.7	9.7	9.7
65°	16.9	14.0	11.6	10.6	9.9	9.6	9.7	9.7	9.7	9.7	9.7
62.5°	21.6	17.6	14.5	11.8	10.4	9.8	9.7	9.7	9.7	9.7	9.7
60°	26.5	21.2	17.4	14.3	11.6	9.9	9.7	9.7	9.7	9.7	9.7
57.5°	31.2	24.2	19.9	16.5	13.6	10.8	9.7	9.7	9.7	9.7	9.7
55°	33.8	26.7	22.0	18.1	15.1	12.4	10.2	9.7	9.7	9.7	9.7
52.5°	32.3	27.7	23.6	19.4	16.0	13.7	11.5	9.7	9.7	9.7	9.7
50°	28.3	27.2	24.3	20.2	16.6	14.4	12.7	10.6	9.7	9.7	9.8
47.5°	25.6	26.1	24.3	20.6	16.7	15.0	13.4	11.5	9.7	9.7	10.0
45°	22.5	24.7	24.1	21.0	17.2	15.6	13.9	12.2	10.3	9.8	10.1
42.5°	20.3	23.5	23.7	21.7	18.7	16.1	14.4	12.7	10.9	9.9	10.3
40°	23.1	23.0	23.7	23.2	20.6	16.7	14.9	13.1	11.4	10.2	10.4
37.5°	27.6	25.8	24.4	27.1	23.2	18.6	15.3	13.5	12.0	10.8	10.5
35°	34.9	31.2	30.3	32.7	28.4	20.6	15.7	13.8	12.9	11.3	10.6
32.5°	43.9	41.3	40.7	39.5	35.2	22.8	17.0	15.2	13.9	11.9	10.8
30°	58.4	60.1	52.8	47.7	43.2	29.2	19.7	16.9	15.2	12.4	11.0
27.5°	90.3	84.4	67.9	58.8	51.1	37.5	24.2	18.8	16.6	13.1	11.4
25°	132.6	116.7	91.8	71.4	59.9	58.5	29.3	20.9	18.1	14.1	11.8
22.5°	187.6	156.2	119.4	84.9	91.5	86.0	40.6	25.0	19.8	15.3	12.2
20°	250.5	201.6	157.6	131.3	128.5	113.8	60.7	29.4	21.6	16.5	12.5
17.5°	320.1	278.2	239.1	191.4	167.8	144.6	84.2	34.0	23.5	17.7	12.9
15°	444.2	393.1	327.7	256.7	208.8	177.8	110.3	38.7	25.4	19.0	13.5
12.5°	586.4	514.0	421.1	325.8	251.2	212.8	138.1	43.4	27.3	20.8	14.4
10°	732.5	638.7	517.5	397.2	294.3	248.8	166.7	49.6	31.3	23.0	15.4
7.5°	880.6	765.0	615.2	469.5	338.3	287.2	198.4	58.9	35.7	25.2	16.5
5°	1018.9	876.0	697.3	531.8	385.2	327.5	229.2	68.2	40.1	27.3	17.5
2.5°	1113.3	960.4	766.4	588.7	431.0	366.5	257.6	77.2	44.5	29.3	18.5
0°	1202.1	1038.4	830.0	641.0	475.4	403.3	282.5	85.7	48.7	31.2	19.5
-2.5°	1218.4	1051.7	838.8	654.2	493.6	417.5	292.0	101.2	59.0	36.7	22.2
-5°	1228.0	1056.8	841.9	662.9	509.6	428.3	297.4	115.6	68.7	42.0	24.8
-7.5°	1180.0	1022.9	826.0	664.0	523.1	435.7	299.1	128.7	77.7	46.8	27.2
-10°	1115.6	963.2	784.7	639.5	519.1	434.5	297.4	140.2	85.6	51.0	29.3
-12.5°	1048.1	899.2	742.0	613.6	511.3	426.6	291.9	150.4	92.4	54.5	31.1
-15°	978.3	831.9	699.0	587.3	503.1	417.2	284.6	158.9	98.9	57.8	32.6
-17.5°	910.2	762.3	656.9	561.5	495.0	406.8	275.9	165.2	103.9	60.9	34.2
-20°	844.6	709.5	617.6	537.0	487.4	395.8	266.3	169.2	107.1	62.9	35.7



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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°	778.6	673.1	591.9	523.3	476.2	384.5	256.3	170.6	108.5	63.6	36.7
-25°	714.8	637.8	567.9	514.0	459.7	367.9	251.3	169.5	108.0	62.9	37.2
-27.5°	669.3	605.6	544.4	503.5	440.2	352.3	248.9	168.4	106.1	60.8	37.2
-30°	632.7	579.3	529.5	489.0	420.1	329.2	243.1	164.8	103.6	59.5	36.5
-32.5°	606.4	554.5	515.9	465.8	394.2	304.6	228.9	158.4	99.1	58.6	35.6
-35°	585.0	537.8	500.2	442.6	364.9	283.1	210.4	149.1	92.4	56.9	34.2
-37.5°	562.2	524.6	475.1	414.8	334.3	259.2	192.0	134.4	83.7	54.3	32.1
-40°	547.2	505.3	451.0	380.4	304.9	233.0	171.4	119.6	78.1	50.9	29.3
-42.5°	530.1	477.0	414.7	344.4	273.8	208.0	149.3	103.7	71.6	46.9	26.0
-45°	497.2	440.6	372.1	305.9	240.9	180.6	130.6	88.0	64.2	42.3	23.0
-47.5°	457.5	391.4	327.2	264.9	208.0	153.2	110.8	78.7	55.9	36.7	21.0
-50°	401.5	339.9	280.1	225.1	172.3	130.2	92.2	68.5	47.8	29.6	18.7
-52.5°	344.1	286.4	234.5	185.1	143.3	106.1	79.7	57.6	39.2	24.9	16.0
-55°	285.3	235.7	190.0	150.2	114.9	88.5	66.1	47.2	30.1	21.3	13.4
-57.5°	230.6	186.9	151.1	117.6	92.8	72.3	53.1	36.3	24.8	17.5	13.6
-60°	177.1	145.3	114.1	93.6	75.0	56.8	40.2	27.1	20.7	14.5	13.6
-62.5°	132.7	107.2	91.1	74.4	57.8	42.0	28.3	22.6	16.5	14.3	13.6
-65°	100.2	85.6	70.6	55.6	40.9	29.3	23.5	18.1	15.2	14.0	13.4
-67.5°	76.9	63.1	49.7	36.5	29.2	23.8	18.6	15.9	14.5	13.6	12.9
-70°	51.2	39.5	32.8	27.8	22.8	18.6	16.5	14.7	13.6	13.0	12.4
-72.5°	33.2	29.1	24.9	20.8	18.9	16.9	14.9	13.4	12.9	12.4	11.8
-75°	24.3	22.2	20.4	18.8	16.9	15.1	13.6	12.7	12.2	11.8	11.3
-77.5°	20.8	19.3	18.0	16.4	14.8	13.5	12.5	11.9	11.5	11.1	10.7
-80°	17.1	15.9	14.6	13.3	12.4	11.7	11.4	11.1	10.7	10.4	10.1
-82.5°	13.2	12.4	11.7	11.1	10.9	10.7	10.5	10.2	10.0	9.7	9.6
-85°	10.9	10.5	10.2	10.0	9.8	9.7	9.7	9.7	9.6	9.4	9.1
-87.5°	9.1	9.0	9.0	8.9	9.0	9.2	9.4	9.7	9.4	9.1	8.7
-90°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.8	8.3	8.8	9.2	9.7	8.7	7.8
87.5°	8.3	8.2	8.1	8.0	8.0	7.9	7.8
85°	8.8	8.6	8.5	8.3	8.1	8.0	7.8
82.5°	9.3	9.0	8.8	8.5	8.3	8.0	7.8
80°	9.7	9.4	9.1	8.8	8.5	8.1	7.8
77.5°	9.7	9.7	9.4	9.0	8.6	8.2	7.8
75°	9.7	9.7	9.7	9.3	8.8	8.3	7.8
72.5°	9.7	9.7	9.7	9.5	8.9	8.4	7.8
70°	9.7	9.7	9.7	9.7	9.1	8.4	7.8
67.5°	9.7	9.7	9.7	9.7	9.3	8.5	7.8
65°	9.7	9.7	9.7	9.7	9.4	8.6	7.8
62.5°	9.7	9.7	9.7	9.7	9.6	8.7	7.8
60°	9.7	9.7	9.7	9.7	9.7	8.7	7.8
57.5°	9.7	9.7	9.7	9.7	9.7	8.8	7.8
55°	9.7	9.7	9.7	9.7	9.7	8.9	7.8
52.5°	9.7	9.7	9.7	9.7	9.7	9.0	7.8
50°	9.7	9.7	9.7	9.7	9.7	9.0	7.8
47.5°	9.7	9.7	9.7	9.7	9.7	9.1	7.8
45°	9.9	9.7	9.7	9.7	9.7	9.1	7.8
42.5°	10.1	9.7	9.7	9.7	9.7	9.2	7.8
40°	10.3	9.7	9.7	9.7	9.7	9.3	7.8
37.5°	10.5	9.7	9.7	9.7	9.7	9.3	7.8
35°	10.8	9.8	9.7	9.7	9.7	9.4	7.8
32.5°	11.1	10.0	9.7	9.7	9.7	9.4	7.8
30°	11.2	10.3	9.7	9.7	9.7	9.4	7.8
27.5°	11.3	10.5	9.7	9.7	9.7	9.5	7.8
25°	11.4	10.7	9.7	9.7	9.7	9.5	7.8
22.5°	11.5	10.9	9.7	9.7	9.7	9.6	7.8
20°	11.7	11.1	9.7	9.7	9.7	9.6	7.8
17.5°	11.8	11.2	9.7	9.7	9.7	9.6	7.8
15°	12.0	11.4	9.7	9.7	9.7	9.6	7.8
12.5°	12.2	11.5	9.7	9.7	9.7	9.7	7.8
10°	12.5	11.5	9.7	9.7	9.7	9.7	7.8
7.5°	12.8	11.6	9.7	9.7	9.7	9.7	7.8
5°	13.1	11.7	9.7	9.7	9.7	9.7	7.8
2.5°	13.3	11.7	9.7	9.7	9.7	9.7	7.8
0°	13.6	11.7	9.7	9.7	9.7	9.7	7.8
-2.5°	14.9	11.9	9.7	9.7	9.7	9.7	7.8
-5°	16.1	12.1	9.7	9.7	9.7	9.7	7.8
-7.5°	17.3	12.2	9.7	9.7	9.7	9.7	7.8
-10°	18.3	12.3	9.7	9.7	9.7	9.7	7.8
-12.5°	19.1	12.4	9.7	9.7	9.7	9.7	7.8
-15°	19.7	12.4	9.7	9.7	9.7	9.6	7.8
-17.5°	20.0	12.3	9.7	9.7	9.7	9.6	7.8
-20°	20.4	12.2	9.7	9.7	9.7	9.6	7.8



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	20.8	12.1	9.7	9.7	9.7	9.6	7.8
-25°	20.9	12.1	9.7	9.7	9.7	9.6	7.8
-27.5°	20.5	12.1	9.7	9.7	9.7	9.5	7.8
-30°	19.8	11.9	9.7	9.7	9.7	9.5	7.8
-32.5°	18.6	11.6	9.9	9.7	9.7	9.5	7.8
-35°	17.9	11.1	10.0	9.7	9.7	9.5	7.8
-37.5°	17.3	10.7	10.1	9.7	9.7	9.4	7.8
-40°	16.5	10.9	10.3	9.7	9.7	9.4	7.8
-42.5°	15.4	11.1	10.4	9.7	9.7	9.4	7.8
-45°	14.0	11.2	10.5	9.8	9.7	9.3	7.8
-47.5°	12.4	11.4	10.5	9.8	9.7	9.3	7.8
-50°	12.3	11.5	10.5	9.8	9.7	9.3	7.8
-52.5°	12.4	11.6	10.5	9.9	9.7	9.3	7.8
-55°	12.6	11.6	10.5	9.9	9.7	9.2	7.8
-57.5°	12.7	11.5	10.5	9.9	9.7	9.2	7.8
-60°	12.8	11.4	10.4	9.8	9.7	9.2	7.8
-62.5°	12.6	11.3	10.4	9.8	9.7	9.1	7.8
-65°	12.3	11.1	10.3	9.8	9.7	9.1	7.8
-67.5°	11.9	10.9	10.1	9.8	9.7	9.1	7.8
-70°	11.6	10.6	10.0	9.7	9.7	9.0	7.8
-72.5°	11.2	10.4	9.9	9.7	9.7	9.0	7.8
-75°	10.7	10.1	9.7	9.6	9.7	9.0	7.8
-77.5°	10.2	9.8	9.6	9.5	9.7	8.9	7.8
-80°	9.8	9.5	9.4	9.5	9.7	8.9	7.8
-82.5°	9.3	9.2	9.3	9.4	9.7	8.9	7.8
-85°	8.8	8.9	9.1	9.4	9.7	8.8	7.8
-87.5°	8.3	8.6	8.9	9.3	9.7	8.8	7.8
-90°	7.8	7.8	7.8	7.8	7.8	7.8	7.8

(END OF REPORT)