

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: P1306005 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-40-70-5S-CV1-A**

Issue Date: 2/3/2026

**Test Information**

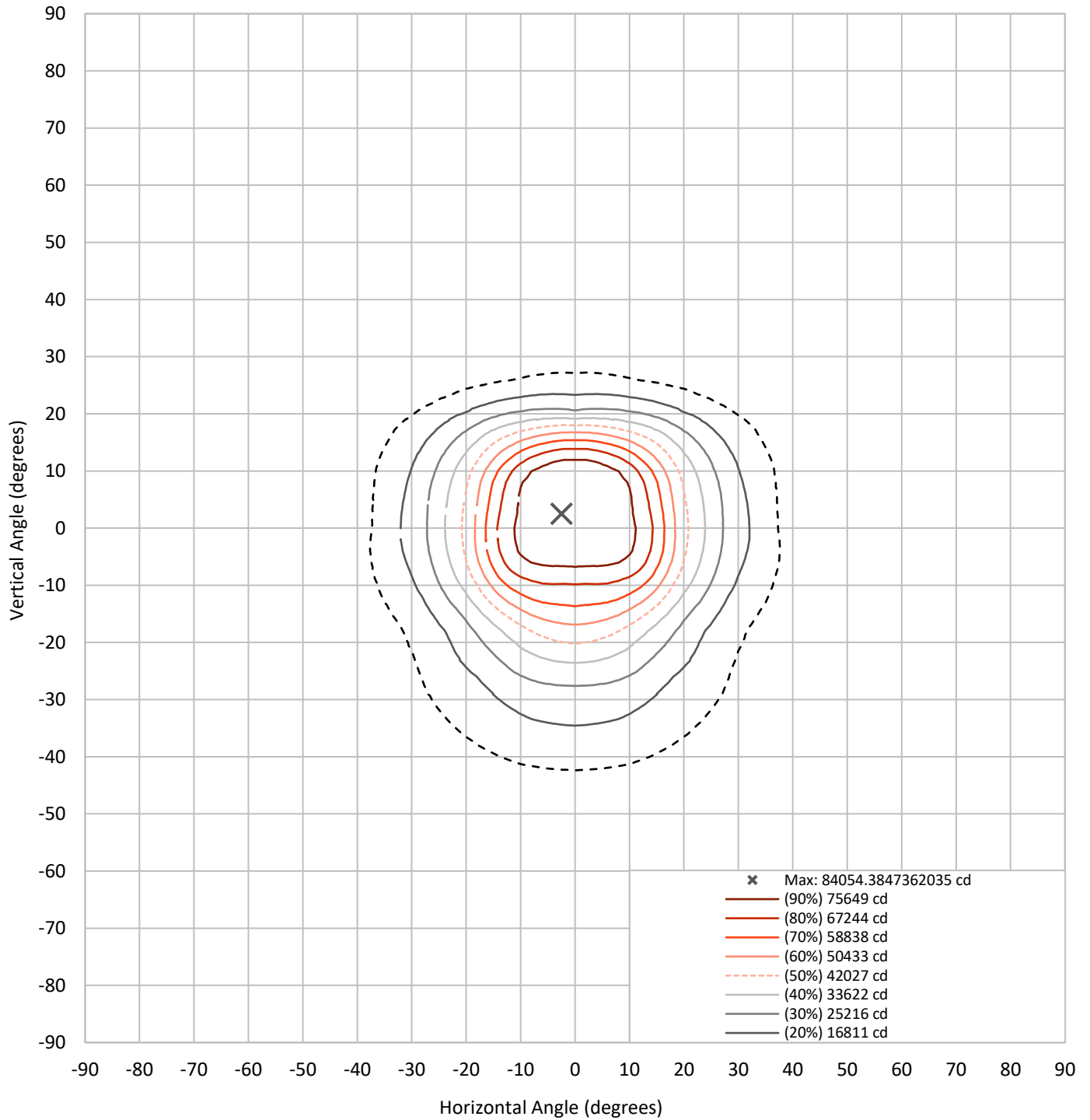
Test Method: LM-79-08  
Report Number: P1306005 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-34)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHESUS  
Catalog Number: EPH-08-320N-40-70-5S-CV1-A  
Description: EPHESUS LUMASPORT 8 INTEGRAL 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:	44875.3 lumens	Max Intensity:	84054.4 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 2.5°V
Efficacy:	134.4 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:	24726.6 lumens	Field Lumens:	41733.2 lumens
Beam Efficiency:	55.1%	Field Efficiency:	93.0%
Input Watts (W):	334		
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





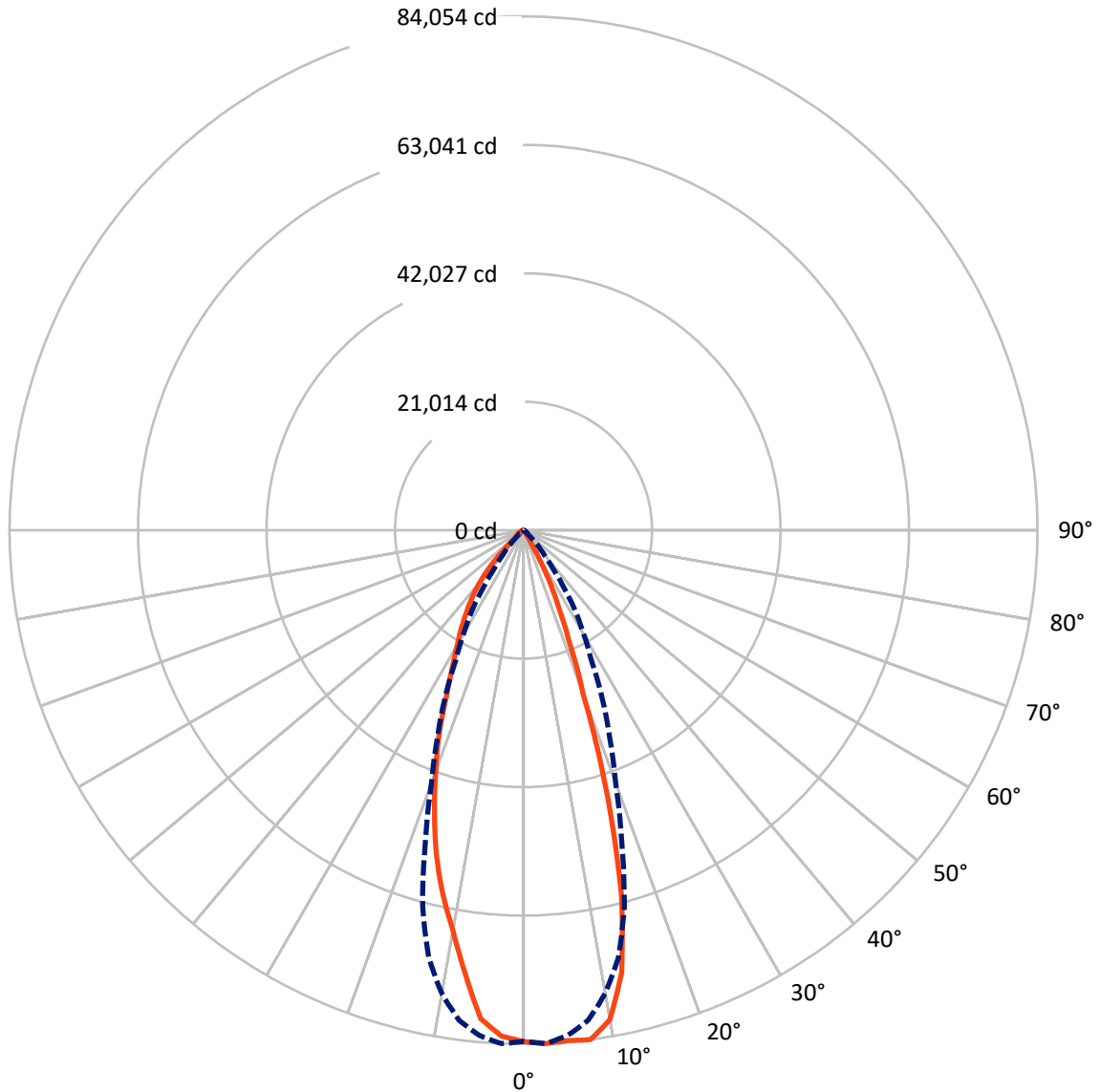
REPORT NUMBER: P1306005 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table

90	0.1	0.2	0.3	0.3	0.2	0.3	0.3	0.2	0.3	0.3	0.2	0.1							
80	0.1	0.2	0.3	0.3	0.2	0.3	0.3	0.2	0.3	0.3	0.2	0.1							
70	0.1	0.0	0.1	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.1	0.0	0.1			
60		0.1	0.1	0.4	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.4	0.1	0.1				
50	0.1	0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.3	0.2	0.1	0.1			
40		0.1	0.5	1.4	2.9	6.3	14.9	21.4	21.4	14.9	6.3	2.9	1.4	0.5	0.1				
30	0.1	0.2	2.4	9.0	48.9	150.2	302.3	406.7	406.7	302.3	150.2	48.9	9.0	2.4	0.2	0.1			
20		0.7	5.9	32.3	201.6	574.0	1190.0	1713.8	1713.8	1190.0	574.0	201.6	32.3	5.9	0.7				
10	0.1	1.1	7.9	51.0	289.8	825.8	1784.2	2467.3	2467.3	1784.2	825.8	289.8	51.0	7.9	1.1	0.1			
0		1.4	8.5	53.4	291.9	805.1	1758.3	2330.6	2330.6	1758.3	805.1	291.9	53.4	8.5	1.4				
-10	0.2	1.6	8.1	35.9	191.9	531.0	1129.6	1606.7	1606.7	1129.6	531.0	191.9	35.9	8.1	1.6	0.2			
-20		1.6	7.7	19.9	113.1	325.2	632.1	894.0	894.0	632.1	325.2	113.1	19.9	7.7	1.6				
-30	0.2	1.3	6.2	14.8	45.5	179.3	349.8	478.7	478.7	349.8	179.3	45.5	14.8	6.2	1.3	0.2			
-40		0.8	4.1	11.6	22.3	41.7	98.8	153.6	153.6	98.8	41.7	22.3	11.6	4.1	0.8				
-50	0.1	0.4	2.0	6.3	13.7	22.3	30.5	35.3	35.3	30.5	22.3	13.7	6.3	2.0	0.4	0.1			
-60		0.2	0.7	2.1	4.7	8.0	11.8	13.9	13.9	11.8	8.0	4.7	2.1	0.7	0.2				
-70	0.1	0.4	1.6	3.8	5.0	3.8	1.6	0.4	0.1							0.1			
-80		0.4	1.6	3.8	5.0	3.8	1.6	0.4	0.1										
-90	0.1	0.4	1.6	3.8	5.0	3.8	1.6	0.4	0.1							0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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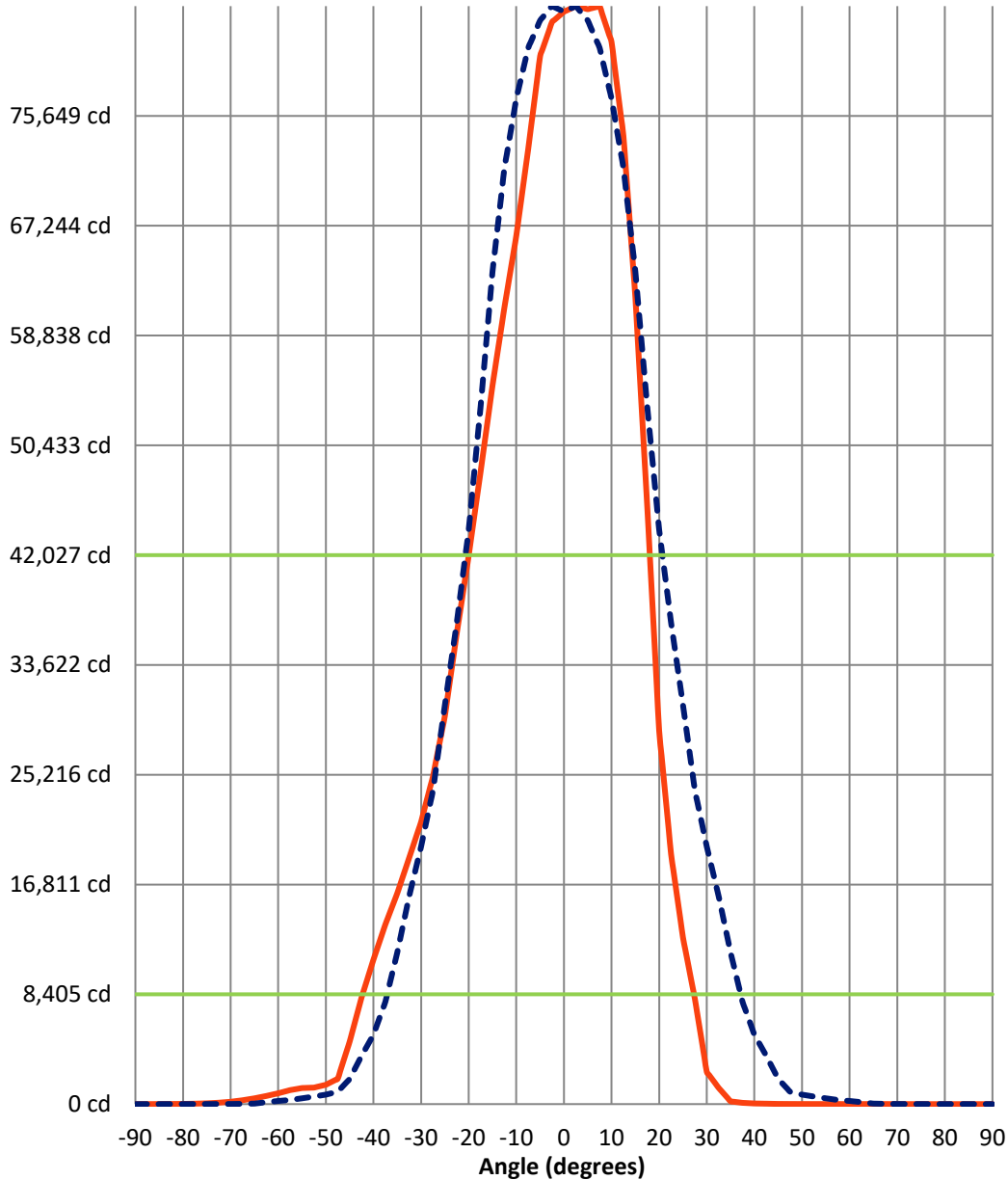
### Luminous Intensity Polar Plot



— 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: 24726.6  
 Efficiency: 55.1%

**Field:**  
 H Angle: 74.2°  
 V Angle: 69.6°  
 Lumens: 41733.2  
 Efficiency: 93.0%

**Spill:**  
 Lumens: 3142.1  
 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°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
87.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.3	3.0	2.7	2.4
85°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.3	3.0	2.7	2.4
82.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.3	3.0	2.8	2.7
80°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.4	3.2	3.2	3.2
77.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.4	3.5	3.6
75°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
72.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
70°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
67.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
65°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
62.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
60°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
57.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.7	3.6	3.6	3.6	3.7
55°	3.6	3.6	3.6	3.6	3.6	3.6	3.7	3.7	3.6	3.7	3.9
52.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.8	3.7	3.6	3.9	4.1
50°	3.6	3.6	3.6	3.6	3.6	3.7	3.9	3.8	3.7	4.2	4.8
47.5°	3.6	3.6	3.6	3.6	3.6	3.8	4.1	3.8	4.0	4.6	5.4
45°	3.6	3.6	3.6	3.6	3.6	4.0	4.1	3.9	4.4	5.0	5.9
42.5°	3.6	3.6	3.6	3.6	3.6	4.1	4.2	4.1	4.8	5.4	6.3
40°	3.6	3.6	3.6	3.6	3.7	4.3	4.2	4.4	5.1	5.8	6.7
37.5°	3.6	3.6	3.6	3.6	3.8	4.4	4.3	4.7	5.5	6.2	7.0
35°	3.6	3.6	3.6	3.7	3.9	4.5	4.4	5.0	5.8	6.6	7.5
32.5°	3.6	3.6	3.6	3.7	4.0	4.6	4.5	5.3	6.1	7.1	8.4
30°	3.6	3.6	3.6	3.8	4.1	4.6	4.7	5.6	6.4	7.6	9.6
27.5°	3.6	3.6	3.6	3.8	4.3	4.7	4.9	5.8	6.8	8.1	10.9
25°	3.6	3.6	3.6	3.9	4.4	4.8	5.1	6.1	7.2	9.0	12.5
22.5°	3.6	3.6	3.6	4.0	4.5	4.8	5.3	6.3	7.6	10.1	15.3
20°	3.6	3.6	3.6	4.1	4.6	4.8	5.5	6.5	8.0	11.3	18.3
17.5°	3.6	3.6	3.6	4.2	4.7	4.8	5.7	6.7	8.4	12.6	21.5
15°	3.6	3.6	3.6	4.3	4.7	4.8	5.7	6.9	8.8	13.8	24.9
12.5°	3.6	3.6	3.6	4.4	4.7	4.8	5.8	7.0	9.2	15.1	28.2
10°	3.6	3.6	3.6	4.4	4.8	4.8	5.9	7.1	9.6	16.5	31.5
7.5°	3.6	3.6	3.6	4.5	4.8	4.8	5.9	7.1	9.9	17.9	34.5
5°	3.6	3.6	3.6	4.6	4.8	4.8	6.0	7.2	10.3	19.3	37.4
2.5°	3.6	3.6	3.6	4.7	4.8	4.8	6.0	7.2	10.6	20.5	39.9
0°	3.6	3.6	3.6	4.8	4.8	4.8	6.0	7.2	10.8	21.6	42.1
-2.5°	3.6	3.6	3.7	4.8	4.8	4.9	6.3	8.5	14.5	28.2	52.5
-5°	3.6	3.6	3.7	4.8	4.8	5.1	6.6	9.8	18.0	34.5	62.2
-7.5°	3.6	3.6	3.8	4.8	4.8	5.2	6.9	10.9	21.2	40.2	71.2
-10°	3.6	3.6	3.8	4.8	4.8	5.3	7.1	11.9	24.0	45.4	79.0
-12.5°	3.6	3.6	3.8	4.7	4.8	5.4	7.3	12.8	26.3	49.8	86.6
-15°	3.6	3.6	3.9	4.7	4.8	5.5	7.5	13.4	28.5	54.1	93.0
-17.5°	3.6	3.6	3.9	4.7	4.8	5.5	7.6	14.4	30.6	57.4	97.7
-20°	3.6	3.6	4.0	4.7	4.8	5.5	7.9	15.6	32.1	59.5	100.5



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 CATALOG NUMBER: EPH-08-320N-40-70-5S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.6	3.6	4.0	4.7	4.8	5.5	8.5	16.4	32.8	60.5	101.2
-25°	3.6	3.6	4.0	4.7	4.8	5.6	8.9	16.8	32.8	60.1	99.6
-27.5°	3.6	3.6	4.0	4.7	4.8	5.7	9.2	16.9	31.9	59.0	98.9
-30°	3.6	3.6	4.0	4.7	4.8	5.8	9.2	16.5	31.3	57.9	96.6
-32.5°	3.6	3.6	4.0	4.7	4.9	5.7	8.9	16.3	30.8	55.6	92.3
-35°	3.6	3.6	4.0	4.7	4.9	5.6	8.8	16.1	29.7	52.2	86.2
-37.5°	3.6	3.6	4.0	4.7	5.0	5.4	8.6	15.5	27.9	47.6	78.3
-40°	3.6	3.6	4.0	4.8	5.0	5.5	8.3	14.5	25.4	44.1	70.6
-42.5°	3.6	3.6	4.0	4.8	5.0	5.5	7.8	13.1	23.4	40.0	61.9
-45°	3.6	3.6	4.0	4.8	5.0	5.5	7.2	11.8	21.5	35.3	53.0
-47.5°	3.6	3.6	3.9	4.8	5.0	5.5	6.4	10.9	19.0	30.1	47.1
-50°	3.6	3.6	3.9	4.7	5.0	5.5	6.2	9.8	15.9	26.6	40.7
-52.5°	3.6	3.6	3.8	4.6	5.0	5.4	6.2	8.4	13.7	22.6	34.0
-55°	3.6	3.6	3.7	4.5	4.9	5.3	6.1	7.0	11.9	18.2	28.9
-57.5°	3.6	3.6	3.7	4.4	4.9	5.3	5.9	6.8	9.8	15.2	23.3
-60°	3.6	3.6	3.6	4.3	4.8	5.1	5.7	6.6	8.0	12.6	18.3
-62.5°	3.6	3.6	3.6	4.2	4.7	5.0	5.5	6.3	7.5	9.7	14.8
-65°	3.6	3.6	3.6	4.1	4.6	4.9	5.3	6.0	7.0	8.5	11.2
-67.5°	3.6	3.6	3.6	4.0	4.5	4.8	5.1	5.7	6.4	7.7	9.3
-70°	3.6	3.6	3.6	3.9	4.4	4.7	4.8	5.4	6.1	6.8	8.1
-72.5°	3.6	3.6	3.6	3.8	4.3	4.6	4.8	5.1	5.7	6.4	7.0
-75°	3.6	3.6	3.6	3.8	4.2	4.5	4.8	5.0	5.4	5.9	6.5
-77.5°	3.6	3.6	3.6	3.8	4.1	4.5	4.8	4.9	5.2	5.6	6.1
-80°	3.6	3.6	3.6	3.7	4.0	4.4	4.8	4.9	5.0	5.3	5.6
-82.5°	3.6	3.6	3.6	3.7	3.9	4.2	4.5	4.7	4.8	4.9	5.1
-85°	3.6	3.6	3.6	3.7	3.8	4.0	4.2	4.3	4.4	4.5	4.6
-87.5°	3.6	3.6	3.6	3.6	3.7	3.8	3.9	4.0	4.0	4.1	4.1
-90°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.3	3.0	2.7	2.4



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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°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
87.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
85°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
82.5°	2.8	2.7	2.6	2.4	2.4	2.4	2.4	2.5	2.6	2.6	2.5
80°	3.2	3.0	2.7	2.4	2.5	2.7	3.0	3.3	3.3	3.1	2.9
77.5°	3.4	3.1	2.8	2.5	2.6	3.1	3.4	3.6	3.5	3.5	3.6
75°	3.4	3.1	3.0	3.0	3.2	3.5	3.6	3.8	4.0	4.0	3.9
72.5°	3.5	3.4	3.4	3.6	3.6	3.8	4.1	4.5	4.8	4.8	4.7
70°	3.6	3.6	3.6	3.6	3.7	4.1	4.7	5.3	5.7	5.9	6.5
67.5°	3.6	3.6	3.6	3.7	4.1	4.8	5.4	6.8	8.6	9.3	10.0
65°	3.6	3.6	3.7	4.1	4.7	5.7	7.2	9.3	12.8	14.5	15.3
62.5°	3.6	3.7	4.0	4.6	5.4	6.6	9.7	13.6	18.1	20.6	20.1
60°	3.6	3.7	4.5	5.4	6.4	9.1	13.1	17.6	23.3	27.4	24.6
57.5°	3.7	4.2	5.4	6.6	8.6	11.3	15.3	20.8	26.6	32.8	28.4
55°	4.1	5.2	6.4	8.0	10.2	12.2	16.3	21.4	27.9	31.8	27.9
52.5°	5.0	6.1	7.2	9.1	11.2	12.8	15.2	20.0	23.8	27.1	24.9
50°	5.8	6.6	7.8	9.9	11.8	12.8	12.6	16.3	19.5	20.9	21.2
47.5°	6.3	7.1	8.5	10.7	12.2	12.4	11.3	13.2	15.5	17.0	16.6
45°	6.7	7.9	9.4	11.3	12.4	12.0	11.8	11.1	14.1	15.4	15.6
42.5°	7.2	8.8	10.6	12.0	12.5	13.1	13.4	13.5	15.0	18.0	19.5
40°	7.9	9.6	12.0	13.3	13.5	15.6	17.7	19.3	20.4	24.5	27.4
37.5°	8.6	11.1	14.0	16.2	16.5	20.1	23.4	34.1	36.2	33.1	43.5
35°	9.3	12.8	17.7	22.8	25.7	26.6	41.3	55.7	61.9	60.6	69.4
32.5°	10.6	14.7	22.5	34.1	45.5	48.4	64.1	88.4	110.2	119.0	113.7
30°	12.7	19.2	30.3	48.4	74.3	102.7	107.1	134.2	178.2	214.1	267.8
27.5°	15.8	25.0	44.0	74.8	116.1	174.3	188.5	212.0	277.5	367.6	540.5
25°	19.3	39.8	59.7	109.9	186.4	254.6	281.4	325.7	401.7	692.9	1091.1
22.5°	27.3	59.6	92.0	150.4	268.4	338.8	387.3	461.7	642.2	1107.1	1882.3
20°	41.6	87.0	132.7	201.5	355.1	427.6	492.8	605.9	1008.9	1873.5	3133.4
17.5°	58.3	116.7	174.9	263.1	401.9	501.0	601.9	753.9	1393.8	2767.2	4441.2
15°	77.1	148.1	214.6	316.4	442.8	549.4	690.2	1040.6	2004.8	3787.7	5642.4
12.5°	97.1	180.4	251.7	361.9	480.8	594.9	762.6	1285.5	2641.6	4714.7	6876.6
10°	117.8	213.1	286.3	400.2	515.6	637.0	828.2	1509.4	3090.6	5062.5	7467.8
7.5°	130.6	233.6	314.3	432.1	547.1	675.4	886.4	1707.1	3408.4	5237.9	7711.4
5°	140.2	238.8	317.1	441.5	567.2	706.0	931.7	1872.9	3605.8	5262.8	7786.6
2.5°	147.6	240.9	317.6	444.4	579.3	726.8	947.2	1927.7	3696.4	5311.0	7838.6
0°	152.6	240.3	316.0	443.4	587.6	742.6	952.8	1938.1	3698.3	5342.1	7858.1
-2.5°	160.7	248.9	332.1	462.0	596.9	745.9	960.6	1992.6	3877.8	5678.4	8451.0
-5°	166.5	255.4	345.5	476.5	602.4	744.3	959.3	1995.6	3900.3	5756.4	8475.1
-7.5°	170.1	259.7	355.6	485.1	597.6	725.6	926.6	1834.3	3557.1	5403.4	7899.3
-10°	172.2	265.1	362.7	480.1	579.7	694.8	880.0	1634.9	3146.7	4949.3	7203.4
-12.5°	176.2	271.5	367.4	474.2	563.1	661.0	825.3	1402.9	2680.6	4394.2	6397.0
-15°	177.4	275.6	369.8	468.5	549.2	624.6	762.6	1143.0	2213.5	3906.9	5598.7
-17.5°	175.9	277.6	369.9	463.8	539.4	586.1	698.4	918.4	1865.3	3433.7	4994.9
-20°	171.4	277.4	367.9	461.0	533.3	573.5	677.3	869.4	1566.0	2879.5	4424.4



REPORT NUMBER: P1306005 (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°	164.0	275.1	364.3	456.1	532.7	585.2	659.4	807.8	1190.6	2239.5	3833.1
-25°	159.2	264.7	358.7	443.6	529.0	597.7	640.1	741.8	955.5	1750.7	3036.2
-27.5°	156.9	250.8	342.1	425.5	519.7	604.8	643.7	717.9	869.0	1213.9	2196.7
-30°	151.6	227.4	322.0	402.8	498.0	590.4	657.9	693.1	790.7	991.7	1569.8
-32.5°	141.0	203.5	295.5	378.2	467.9	569.2	660.4	695.1	758.2	873.9	1090.6
-35°	128.7	188.2	266.6	349.6	431.8	534.5	631.0	704.9	732.6	816.3	967.6
-37.5°	118.0	170.3	237.1	317.6	397.2	491.7	597.9	683.8	740.8	777.5	889.3
-40°	105.5	149.9	212.7	285.0	362.2	448.5	546.8	647.1	728.0	797.5	844.4
-42.5°	91.8	134.1	187.6	252.4	326.9	406.9	492.0	591.2	694.7	793.7	866.1
-45°	81.1	116.5	161.1	222.0	289.4	363.2	442.9	526.8	634.9	746.5	847.6
-47.5°	69.4	98.8	139.6	188.9	251.3	319.0	391.3	470.6	559.7	667.1	783.2
-50°	58.0	84.5	115.9	159.9	212.1	273.6	339.7	409.0	487.8	577.1	679.2
-52.5°	50.2	69.1	97.0	130.7	175.5	227.7	286.2	347.3	414.5	488.0	571.8
-55°	41.8	58.1	78.4	106.1	139.9	184.5	232.1	286.4	342.3	406.1	470.7
-57.5°	34.5	47.9	63.6	84.0	111.0	141.8	183.1	226.0	275.6	327.3	378.8
-60°	27.5	38.2	51.2	66.7	85.0	110.3	136.6	172.4	212.0	250.9	294.0
-62.5°	20.6	29.3	39.6	51.8	66.7	81.4	102.3	126.8	152.8	184.8	216.3
-65°	16.3	21.2	29.0	38.8	49.4	62.0	75.0	88.2	109.1	129.9	149.6
-67.5°	11.7	16.1	20.7	26.2	35.1	44.1	53.5	65.0	76.6	87.4	100.2
-70°	9.7	11.4	14.9	19.0	23.0	27.7	35.5	43.7	51.9	60.1	69.2
-72.5°	8.1	9.5	11.1	12.8	16.0	19.1	22.2	25.2	30.4	37.1	43.6
-75°	7.0	7.7	8.9	10.2	11.6	12.9	14.3	16.9	19.5	22.1	24.6
-77.5°	6.4	6.8	7.4	8.0	8.8	9.9	11.0	12.0	13.0	14.0	15.0
-80°	5.8	6.0	6.3	6.7	7.1	7.7	8.3	8.9	9.6	10.4	11.3
-82.5°	5.3	5.4	5.5	5.7	5.8	5.9	6.1	6.4	6.8	7.2	7.7
-85°	4.7	4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.4	5.4	5.5
-87.5°	4.2	4.2	4.2	4.3	4.3	4.4	4.4	4.4	4.5	4.5	4.6
-90°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4



REPORT NUMBER: P1306005 (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°	3.6	3.6	3.6	3.6	3.6	3.3	3.0	2.7	2.4	2.4	2.4
87.5°	2.4	2.4	2.4	2.4	2.4	2.1	1.8	1.5	1.2	1.2	1.2
85°	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.1	1.8
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.1	1.8
80°	2.8	2.7	2.7	2.6	2.4	2.4	2.4	2.4	2.4	2.1	1.8
77.5°	3.6	3.4	3.1	2.8	2.5	2.4	2.4	2.4	2.4	2.1	1.8
75°	3.7	3.5	3.3	3.2	3.0	2.9	2.8	2.7	2.4	2.4	2.3
72.5°	4.6	4.5	4.5	4.6	4.6	4.4	4.2	3.9	3.5	3.4	3.5
70°	6.9	7.2	7.2	7.1	6.7	6.2	5.7	5.2	4.7	4.6	4.6
67.5°	10.6	10.8	10.4	9.7	8.4	7.3	6.7	6.0	5.2	4.9	5.2
65°	15.1	13.3	11.9	10.6	9.5	8.5	7.7	6.9	6.1	6.0	6.7
62.5°	18.0	14.2	12.0	10.9	10.2	9.5	8.4	7.4	6.5	6.1	6.2
60°	20.5	15.1	11.4	10.4	9.5	8.5	7.4	6.5	5.7	5.2	5.0
57.5°	21.7	15.4	10.4	9.1	7.8	6.5	5.9	5.7	5.3	4.8	5.1
55°	20.9	14.3	8.9	7.9	7.5	7.2	7.0	6.4	5.9	5.6	5.8
52.5°	17.9	13.0	9.4	8.2	7.9	7.5	7.2	7.0	6.9	6.8	6.9
50°	15.9	12.2	9.7	8.3	8.3	8.3	8.3	8.4	8.6	8.7	8.7
47.5°	14.2	11.4	10.9	9.5	9.7	10.5	10.6	10.8	11.4	11.3	11.1
45°	14.2	15.3	14.9	14.1	13.6	18.9	19.3	16.1	19.2	18.8	16.4
42.5°	20.8	22.3	22.6	27.9	37.7	37.2	36.2	41.0	37.7	32.9	29.6
40°	32.3	32.2	38.3	47.1	46.8	44.9	50.9	51.6	51.2	53.9	53.1
37.5°	51.4	52.0	54.8	60.0	69.2	64.8	77.8	86.2	87.5	99.1	108.1
35°	85.5	100.2	87.1	118.2	138.7	134.3	153.2	187.1	155.2	237.6	252.5
32.5°	160.2	193.2	218.5	254.2	300.3	368.3	373.3	614.2	662.4	804.6	999.1
30°	275.8	371.4	555.2	603.2	677.3	959.2	1292.5	1709.6	2097.4	2374.4	2738.6
27.5°	664.0	822.0	1217.9	1647.9	1622.9	2149.6	3341.9	3708.6	4715.4	5050.4	5900.1
25°	1485.3	1863.6	2821.7	3675.7	4110.8	5498.8	7071.8	7781.2	9107.4	9812.5	10852.9
22.5°	2904.6	3942.5	5213.3	6524.7	8158.7	10283.9	12228.4	13647.8	15433.5	16867.0	17715.5
20°	4701.2	6137.4	8094.5	10131.5	12659.0	15450.9	17480.5	20356.2	23041.8	25592.1	26742.5
17.5°	6412.1	8811.7	11179.5	13638.1	16953.5	20605.5	23913.5	28119.2	32572.4	35997.0	38788.7
15°	7861.7	10531.8	13948.1	16886.5	20681.3	25235.4	30153.1	35530.0	41934.3	46801.8	52043.7
12.5°	9199.8	11877.3	15583.9	19093.2	24203.0	29346.5	35085.4	41766.3	49169.5	56369.9	63124.3
10°	10061.4	13147.2	17119.2	21382.6	26616.9	32589.5	39117.6	46602.0	56089.3	64321.1	71930.6
7.5°	10582.6	14305.3	18418.3	22964.4	28567.7	34713.8	41588.9	50412.0	60380.3	68978.7	75814.9
5°	11095.2	15254.1	19256.8	23726.9	29837.5	36091.7	42797.6	51648.1	61929.5	70536.0	76674.9
2.5°	11609.3	15907.3	19717.5	24030.3	30558.5	36870.4	43970.3	53399.4	63733.8	71638.2	76970.8
0°	12079.1	16140.3	19883.1	24106.5	30872.4	37210.5	44439.0	53749.8	65278.5	72880.7	78043.7
-2.5°	12249.5	16127.7	19703.9	23891.4	30610.3	36745.0	43939.1	53973.3	64732.0	72467.5	77710.1
-5°	11731.3	15250.7	18730.9	22972.4	29218.2	35550.5	42793.0	52742.7	62955.4	70963.7	75962.9
-7.5°	10756.9	13936.8	17359.9	21563.0	27237.9	33357.1	39950.1	48640.9	58695.1	66155.7	70093.1
-10°	9737.0	12464.5	15698.3	19588.4	24589.3	30400.4	35865.4	43260.3	52553.0	59167.2	63196.8
-12.5°	8571.1	10784.4	13769.2	17169.4	21633.3	26699.5	31698.0	37952.7	45049.6	51852.5	56047.6
-15°	7347.2	9128.4	11721.8	14984.5	18509.9	22299.2	26921.6	31988.2	37647.1	43161.1	47940.2
-17.5°	6367.5	7742.0	10121.9	13054.1	15742.2	18816.3	23321.6	27440.4	31581.9	36029.0	40010.3
-20°	5737.4	7027.6	8950.0	11398.2	14064.9	17163.7	20645.2	24247.7	28097.5	31511.9	35020.9



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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°	5234.5	6560.6	8044.0	10084.3	12922.6	15769.6	18447.7	21204.6	24398.6	27886.2	30825.8
-25°	4581.2	5971.9	7381.1	9321.8	11711.5	14227.8	16199.6	18162.5	21044.3	24010.4	26440.5
-27.5°	3672.8	5245.1	6890.4	8470.0	10507.1	12296.8	14029.4	15808.3	18321.2	20824.8	22640.6
-30°	2620.8	4436.9	6145.6	7759.6	9158.3	10567.6	12016.7	13837.7	15938.3	17952.9	19496.3
-32.5°	1917.7	3278.6	5126.4	6773.7	8142.4	9322.2	10435.1	12055.5	13698.9	15314.2	16789.5
-35°	1223.7	2218.4	3658.3	5335.7	6942.6	8195.1	9405.1	10579.2	11814.4	13191.1	14467.7
-37.5°	1053.6	1321.0	2205.7	3457.2	4997.2	6633.9	7823.5	8992.4	10253.2	11287.5	12360.7
-40°	955.0	1094.7	1318.7	1762.6	2925.5	4080.1	5416.7	6666.8	7871.9	8933.7	9914.4
-42.5°	911.8	995.4	1085.9	1254.3	1442.0	1995.6	2970.0	3880.2	4952.9	6018.5	6949.4
-45°	933.6	962.4	1008.4	1091.2	1168.0	1324.0	1488.2	1659.7	2392.7	3161.2	3819.8
-47.5°	873.9	957.6	1002.2	1038.2	1077.7	1145.5	1215.8	1311.3	1476.5	1644.0	1776.7
-50°	774.6	863.9	942.2	1019.5	1056.8	1083.9	1112.9	1168.8	1245.5	1324.4	1382.5
-52.5°	651.3	737.6	823.8	902.0	965.8	1027.5	1088.4	1134.2	1174.3	1213.9	1233.0
-55°	540.9	612.9	682.4	752.9	822.4	888.3	955.8	1024.5	1088.3	1147.3	1176.4
-57.5°	437.2	497.6	557.3	611.1	666.5	722.9	785.4	852.1	918.2	979.8	1011.7
-60°	338.8	385.1	434.0	477.8	519.0	557.5	611.6	666.4	718.8	763.5	787.2
-62.5°	247.7	283.6	320.7	355.6	388.6	421.3	462.0	501.6	539.7	570.4	588.3
-65°	171.7	198.5	223.3	247.4	270.8	298.7	329.5	359.2	387.3	408.4	420.2
-67.5°	117.2	133.1	147.0	160.0	176.8	196.4	218.0	238.3	257.3	271.0	280.1
-70°	78.3	86.9	94.6	103.4	114.0	124.8	136.4	148.0	159.1	166.9	171.7
-72.5°	49.7	55.2	60.4	66.5	72.2	77.9	83.5	88.8	93.6	98.1	102.2
-75°	27.2	30.1	34.2	38.1	41.6	45.5	49.2	52.5	55.4	57.3	58.8
-77.5°	16.6	18.5	20.2	21.7	23.1	24.8	26.6	28.6	30.6	31.8	32.9
-80°	12.1	12.7	13.3	13.9	14.5	15.0	15.5	15.8	16.1	16.6	17.1
-82.5°	8.2	8.5	8.9	9.2	9.4	10.0	10.5	11.0	11.5	11.9	12.3
-85°	5.6	5.5	5.5	5.5	5.6	5.9	6.2	6.6	6.9	7.0	7.1
-87.5°	4.6	4.4	4.1	3.9	3.6	3.6	3.6	3.6	3.6	3.6	3.6
-90°	2.4	2.4	2.4	2.4	2.4	2.1	1.8	1.5	1.2	1.2	1.2



REPORT NUMBER: P1306005 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-40-70-5S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.7
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5
85°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.3	2.3
82.5°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.4
80°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.4
77.5°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.4
75°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.4	2.7
72.5°	3.5	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.4	3.5	3.9
70°	4.7	4.8	4.8	4.8	4.8	4.8	4.7	4.6	4.6	4.7	5.2
67.5°	5.6	5.9	6.0	6.0	6.0	5.9	5.6	5.2	4.9	5.2	6.0
65°	7.4	8.2	7.8	7.2	7.8	8.2	7.4	6.7	6.0	6.1	6.9
62.5°	6.2	6.1	6.0	6.0	6.0	6.1	6.2	6.2	6.1	6.5	7.4
60°	4.9	4.9	4.8	4.8	4.8	4.9	4.9	5.0	5.2	5.7	6.5
57.5°	5.4	5.8	6.0	6.0	6.0	5.8	5.4	5.1	4.8	5.3	5.7
55°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.8	5.6	5.9	6.4
52.5°	7.0	7.1	7.2	7.2	7.2	7.1	7.0	6.9	6.8	6.9	7.0
50°	8.7	8.5	8.4	8.4	8.4	8.5	8.7	8.7	8.7	8.6	8.4
47.5°	11.0	10.8	10.8	10.8	10.8	10.8	11.0	11.1	11.3	11.4	10.8
45°	16.4	15.9	15.5	15.6	15.5	15.9	16.4	16.4	18.8	19.2	16.1
42.5°	31.4	32.5	33.8	36.0	33.8	32.5	31.4	29.6	32.9	37.7	41.0
40°	53.6	52.1	50.1	50.5	50.1	52.1	53.6	53.1	53.9	51.2	51.6
37.5°	111.5	107.2	99.2	93.7	99.2	107.2	111.5	108.1	99.1	87.5	86.2
35°	229.1	223.7	210.5	206.7	210.5	223.7	229.1	252.5	237.6	155.2	187.1
32.5°	1078.2	1201.8	1240.6	1242.4	1240.6	1201.8	1078.2	999.1	804.6	662.4	614.2
30°	2767.0	2736.9	2469.9	2195.2	2469.9	2736.9	2767.0	2738.6	2374.4	2097.4	1709.6
27.5°	6659.2	7472.7	8060.3	7870.1	8060.3	7472.7	6659.2	5900.1	5050.4	4715.4	3708.6
25°	11993.9	12569.7	12758.6	12478.0	12758.6	12569.7	11993.9	10852.9	9812.5	9107.4	7781.2
22.5°	18830.3	19176.0	19145.8	18514.6	19145.8	19176.0	18830.3	17715.5	16867.0	15433.5	13647.8
20°	28356.8	28301.6	28584.9	27300.2	28584.9	28301.6	28356.8	26742.5	25592.1	23041.8	20356.2
17.5°	41830.7	44043.7	45728.6	45567.3	45728.6	44043.7	41830.7	38788.7	35997.0	32572.4	28119.2
15°	56143.7	59487.5	61773.0	61921.4	61773.0	59487.5	56143.7	52043.7	46801.8	41934.3	35530.0
12.5°	68585.6	72161.5	74102.6	73807.7	74102.6	72161.5	68585.6	63124.3	56369.9	49169.5	41766.3
10°	76511.4	79263.8	81306.7	81814.2	81306.7	79263.8	76511.4	71930.6	64321.1	56089.3	46602.0
7.5°	79689.5	82265.6	84046.4	84019.6	84046.4	82265.6	79689.5	75814.9	68978.7	60380.3	50412.0
5°	80277.7	82814.0	83822.0	84013.0	83822.0	82814.0	80277.7	76674.9	70536.0	61929.5	51648.1
2.5°	80856.1	82958.9	84054.4	83638.1	84054.4	82958.9	80856.1	76970.8	71638.2	63733.8	53399.4
0°	81082.4	82768.2	83624.3	83359.3	83624.3	82768.2	81082.4	78043.7	72880.7	65278.5	53749.8
-2.5°	81004.9	82113.8	82838.5	82587.9	82838.5	82113.8	81004.9	77710.1	72467.5	64732.0	53973.3
-5°	78932.0	79886.9	80224.6	80409.6	80224.6	79886.9	78932.0	75962.9	70963.7	62955.4	52742.7
-7.5°	72270.4	73525.5	73122.0	73730.8	73122.0	73525.5	72270.4	70093.1	66155.7	58695.1	48640.9
-10°	65680.3	66901.8	66482.7	66875.4	66482.7	66901.8	65680.3	63196.8	59167.2	52553.0	43260.3
-12.5°	59466.0	61002.5	60979.7	61536.9	60979.7	61002.5	59466.0	56047.6	51852.5	45049.6	37952.7
-15°	51994.9	53951.7	55017.5	55701.1	55017.5	53951.7	51994.9	47940.2	43161.1	37647.1	31988.2
-17.5°	44102.9	46619.4	48412.1	48687.7	48412.1	46619.4	44102.9	40010.3	36029.0	31581.9	27440.4
-20°	38035.6	40304.2	41991.5	42535.8	41991.5	40304.2	38035.6	35020.9	31511.9	28097.5	24247.7



REPORT NUMBER: P1306005 (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°	32952.9	34825.0	36045.0	36345.4	36045.0	34825.0	32952.9	30825.8	27886.2	24398.6	21204.6
-25°	28032.7	29079.5	29719.8	29961.6	29719.8	29079.5	28032.7	26440.5	24010.4	21044.3	18162.5
-27.5°	24028.2	24774.8	25094.6	25220.4	25094.6	24774.8	24028.2	22640.6	20824.8	18321.2	15808.3
-30°	20676.2	21249.4	21600.7	21731.1	21600.7	21249.4	20676.2	19496.3	17952.9	15938.3	13837.7
-32.5°	17916.8	18487.4	18857.6	18990.4	18857.6	18487.4	17916.8	16789.5	15314.2	13698.9	12055.5
-35°	15333.1	15804.8	16142.1	16298.9	16142.1	15804.8	15333.1	14467.7	13191.1	11814.4	10579.2
-37.5°	13049.3	13474.9	13755.8	13843.0	13755.8	13474.9	13049.3	12360.7	11287.5	10253.2	8992.4
-40°	10466.9	10851.0	11064.6	11054.2	11064.6	10851.0	10466.9	9914.4	8933.7	7871.9	6666.8
-42.5°	7499.4	7887.3	8161.4	8367.5	8161.4	7887.3	7499.4	6949.4	6018.5	4952.9	3880.2
-45°	4260.5	4579.2	4784.4	4880.7	4784.4	4579.2	4260.5	3819.8	3161.2	2392.7	1659.7
-47.5°	1855.6	1913.4	1942.5	1942.9	1942.5	1913.4	1855.6	1776.7	1644.0	1476.5	1311.3
-50°	1424.5	1460.9	1481.9	1487.5	1481.9	1460.9	1424.5	1382.5	1324.4	1245.5	1168.8
-52.5°	1246.4	1259.0	1264.7	1265.2	1264.7	1259.0	1246.4	1233.0	1213.9	1174.3	1134.2
-55°	1201.1	1222.1	1230.4	1229.2	1230.4	1222.1	1201.1	1176.4	1147.3	1088.3	1024.5
-57.5°	1038.3	1059.2	1071.3	1075.4	1071.3	1059.2	1038.3	1011.7	979.8	918.2	852.1
-60°	805.6	818.7	830.1	837.5	830.1	818.7	805.6	787.2	763.5	718.8	666.4
-62.5°	602.9	613.9	624.5	632.0	624.5	613.9	602.9	588.3	570.4	539.7	501.6
-65°	428.9	434.3	443.1	450.6	443.1	434.3	428.9	420.2	408.4	387.3	359.2
-67.5°	287.3	292.6	295.8	296.8	295.8	292.6	287.3	280.1	271.0	257.3	238.3
-70°	175.0	176.9	180.7	183.8	180.7	176.9	175.0	171.7	166.9	159.1	148.0
-72.5°	105.9	109.0	109.0	108.1	109.0	109.0	105.9	102.2	98.1	93.6	88.8
-75°	59.9	60.7	61.1	61.3	61.1	60.7	59.9	58.8	57.3	55.4	52.5
-77.5°	33.7	34.5	34.1	33.6	34.1	34.5	33.7	32.9	31.8	30.6	28.6
-80°	17.5	17.9	18.0	18.0	18.0	17.9	17.5	17.1	16.6	16.1	15.8
-82.5°	12.7	13.1	12.6	12.0	12.6	13.1	12.7	12.3	11.9	11.5	11.0
-85°	7.1	7.2	7.2	7.2	7.2	7.2	7.1	7.1	7.0	6.9	6.6
-87.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
-90°	1.2	1.2	0.6	0.0	0.6	1.2	1.2	1.2	1.2	1.2	1.5



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	3.0	3.3	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
87.5°	1.8	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
85°	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.6	2.6	2.5
80°	2.4	2.4	2.4	2.6	2.7	2.7	2.8	2.9	3.1	3.3	3.3
77.5°	2.4	2.4	2.5	2.8	3.1	3.4	3.6	3.6	3.5	3.5	3.6
75°	2.8	2.9	3.0	3.2	3.3	3.5	3.7	3.9	4.0	4.0	3.8
72.5°	4.2	4.4	4.6	4.6	4.5	4.5	4.6	4.7	4.8	4.8	4.5
70°	5.7	6.2	6.7	7.1	7.2	7.2	6.9	6.5	5.9	5.7	5.3
67.5°	6.7	7.3	8.4	9.7	10.4	10.8	10.6	10.0	9.3	8.6	6.8
65°	7.7	8.5	9.5	10.6	11.9	13.3	15.1	15.3	14.5	12.8	9.3
62.5°	8.4	9.5	10.2	10.9	12.0	14.2	18.0	20.1	20.6	18.1	13.6
60°	7.4	8.5	9.5	10.4	11.4	15.1	20.5	24.6	27.4	23.3	17.6
57.5°	5.9	6.5	7.8	9.1	10.4	15.4	21.7	28.4	32.8	26.6	20.8
55°	7.0	7.2	7.5	7.9	8.9	14.3	20.9	27.9	31.8	27.9	21.4
52.5°	7.2	7.5	7.9	8.2	9.4	13.0	17.9	24.9	27.1	23.8	20.0
50°	8.3	8.3	8.3	8.3	9.7	12.2	15.9	21.2	20.9	19.5	16.3
47.5°	10.6	10.5	9.7	9.5	10.9	11.4	14.2	16.6	17.0	15.5	13.2
45°	19.3	18.9	13.6	14.1	14.9	15.3	14.2	15.6	15.4	14.1	11.1
42.5°	36.2	37.2	37.7	27.9	22.6	22.3	20.8	19.5	18.0	15.0	13.5
40°	50.9	44.9	46.8	47.1	38.3	32.2	32.3	27.4	24.5	20.4	19.3
37.5°	77.8	64.8	69.2	60.0	54.8	52.0	51.4	43.5	33.1	36.2	34.1
35°	153.2	134.3	138.7	118.2	87.1	100.2	85.5	69.4	60.6	61.9	55.7
32.5°	373.3	368.3	300.3	254.2	218.5	193.2	160.2	113.7	119.0	110.2	88.4
30°	1292.5	959.2	677.3	603.2	555.2	371.4	275.8	267.8	214.1	178.2	134.2
27.5°	3341.9	2149.6	1622.9	1647.9	1217.9	822.0	664.0	540.5	367.6	277.5	212.0
25°	7071.8	5498.8	4110.8	3675.7	2821.7	1863.6	1485.3	1091.1	692.9	401.7	325.7
22.5°	12228.4	10283.9	8158.7	6524.7	5213.3	3942.5	2904.6	1882.3	1107.1	642.2	461.7
20°	17480.5	15450.9	12659.0	10131.5	8094.5	6137.4	4701.2	3133.4	1873.5	1008.9	605.9
17.5°	23913.5	20605.5	16953.5	13638.1	11179.5	8811.7	6412.1	4441.2	2767.2	1393.8	753.9
15°	30153.1	25235.4	20681.3	16886.5	13948.1	10531.8	7861.7	5642.4	3787.7	2004.8	1040.6
12.5°	35085.4	29346.5	24203.0	19093.2	15583.9	11877.3	9199.8	6876.6	4714.7	2641.6	1285.5
10°	39117.6	32589.5	26616.9	21382.6	17119.2	13147.2	10061.4	7467.8	5062.5	3090.6	1509.4
7.5°	41588.9	34713.8	28567.7	22964.4	18418.3	14305.3	10582.6	7711.4	5237.9	3408.4	1707.1
5°	42797.6	36091.7	29837.5	23726.9	19256.8	15254.1	11095.2	7786.6	5262.8	3605.8	1872.9
2.5°	43970.3	36870.4	30558.5	24030.3	19717.5	15907.3	11609.3	7838.6	5311.0	3696.4	1927.7
0°	44439.0	37210.5	30872.4	24106.5	19883.1	16140.3	12079.1	7858.1	5342.1	3698.3	1938.1
-2.5°	43939.1	36745.0	30610.3	23891.4	19703.9	16127.7	12249.5	8451.0	5678.4	3877.8	1992.6
-5°	42793.0	35550.5	29218.2	22972.4	18730.9	15250.7	11731.3	8475.1	5756.4	3900.3	1995.6
-7.5°	39950.1	33357.1	27237.9	21563.0	17359.9	13936.8	10756.9	7899.3	5403.4	3557.1	1834.3
-10°	35865.4	30400.4	24589.3	19588.4	15698.3	12464.5	9737.0	7203.4	4949.3	3146.7	1634.9
-12.5°	31698.0	26699.5	21633.3	17169.4	13769.2	10784.4	8571.1	6397.0	4394.2	2680.6	1402.9
-15°	26921.6	22299.2	18509.9	14984.5	11721.8	9128.4	7347.2	5598.7	3906.9	2213.5	1143.0
-17.5°	23321.6	18816.3	15742.2	13054.1	10121.9	7742.0	6367.5	4994.9	3433.7	1865.3	918.4
-20°	20645.2	17163.7	14064.9	11398.2	8950.0	7027.6	5737.4	4424.4	2879.5	1566.0	869.4



REPORT NUMBER: P1306005 (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°	18447.7	15769.6	12922.6	10084.3	8044.0	6560.6	5234.5	3833.1	2239.5	1190.6	807.8
-25°	16199.6	14227.8	11711.5	9321.8	7381.1	5971.9	4581.2	3036.2	1750.7	955.5	741.8
-27.5°	14029.4	12296.8	10507.1	8470.0	6890.4	5245.1	3672.8	2196.7	1213.9	869.0	717.9
-30°	12016.7	10567.6	9158.3	7759.6	6145.6	4436.9	2620.8	1569.8	991.7	790.7	693.1
-32.5°	10435.1	9322.2	8142.4	6773.7	5126.4	3278.6	1917.7	1090.6	873.9	758.2	695.1
-35°	9405.1	8195.1	6942.6	5335.7	3658.3	2218.4	1223.7	967.6	816.3	732.6	704.9
-37.5°	7823.5	6633.9	4997.2	3457.2	2205.7	1321.0	1053.6	889.3	777.5	740.8	683.8
-40°	5416.7	4080.1	2925.5	1762.6	1318.7	1094.7	955.0	844.4	797.5	728.0	647.1
-42.5°	2970.0	1995.6	1442.0	1254.3	1085.9	995.4	911.8	866.1	793.7	694.7	591.2
-45°	1488.2	1324.0	1168.0	1091.2	1008.4	962.4	933.6	847.6	746.5	634.9	526.8
-47.5°	1215.8	1145.5	1077.7	1038.2	1002.2	957.6	873.9	783.2	667.1	559.7	470.6
-50°	1112.9	1083.9	1056.8	1019.5	942.2	863.9	774.6	679.2	577.1	487.8	409.0
-52.5°	1088.4	1027.5	965.8	902.0	823.8	737.6	651.3	571.8	488.0	414.5	347.3
-55°	955.8	888.3	822.4	752.9	682.4	612.9	540.9	470.7	406.1	342.3	286.4
-57.5°	785.4	722.9	666.5	611.1	557.3	497.6	437.2	378.8	327.3	275.6	226.0
-60°	611.6	557.5	519.0	477.8	434.0	385.1	338.8	294.0	250.9	212.0	172.4
-62.5°	462.0	421.3	388.6	355.6	320.7	283.6	247.7	216.3	184.8	152.8	126.8
-65°	329.5	298.7	270.8	247.4	223.3	198.5	171.7	149.6	129.9	109.1	88.2
-67.5°	218.0	196.4	176.8	160.0	147.0	133.1	117.2	100.2	87.4	76.6	65.0
-70°	136.4	124.8	114.0	103.4	94.6	86.9	78.3	69.2	60.1	51.9	43.7
-72.5°	83.5	77.9	72.2	66.5	60.4	55.2	49.7	43.6	37.1	30.4	25.2
-75°	49.2	45.5	41.6	38.1	34.2	30.1	27.2	24.6	22.1	19.5	16.9
-77.5°	26.6	24.8	23.1	21.7	20.2	18.5	16.6	15.0	14.0	13.0	12.0
-80°	15.5	15.0	14.5	13.9	13.3	12.7	12.1	11.3	10.4	9.6	8.9
-82.5°	10.5	10.0	9.4	9.2	8.9	8.5	8.2	7.7	7.2	6.8	6.4
-85°	6.2	5.9	5.6	5.5	5.5	5.5	5.6	5.5	5.4	5.4	5.3
-87.5°	3.6	3.6	3.6	3.9	4.1	4.4	4.6	4.6	4.5	4.5	4.4
-90°	1.8	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4



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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°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
87.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.7	3.0	3.3
85°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.7	3.0	3.3
82.5°	2.4	2.4	2.4	2.4	2.6	2.7	2.8	2.7	2.8	3.0	3.3
80°	3.0	2.7	2.5	2.4	2.7	3.0	3.2	3.2	3.2	3.2	3.4
77.5°	3.4	3.1	2.6	2.5	2.8	3.1	3.4	3.6	3.5	3.4	3.5
75°	3.6	3.5	3.2	3.0	3.0	3.1	3.4	3.6	3.6	3.6	3.6
72.5°	4.1	3.8	3.6	3.6	3.4	3.4	3.5	3.6	3.6	3.6	3.6
70°	4.7	4.1	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
67.5°	5.4	4.8	4.1	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.6
65°	7.2	5.7	4.7	4.1	3.7	3.6	3.6	3.6	3.6	3.6	3.6
62.5°	9.7	6.6	5.4	4.6	4.0	3.7	3.6	3.6	3.6	3.6	3.6
60°	13.1	9.1	6.4	5.4	4.5	3.7	3.6	3.6	3.6	3.6	3.6
57.5°	15.3	11.3	8.6	6.6	5.4	4.2	3.7	3.7	3.6	3.6	3.6
55°	16.3	12.2	10.2	8.0	6.4	5.2	4.1	3.9	3.7	3.6	3.7
52.5°	15.2	12.8	11.2	9.1	7.2	6.1	5.0	4.1	3.9	3.6	3.7
50°	12.6	12.8	11.8	9.9	7.8	6.6	5.8	4.8	4.2	3.7	3.8
47.5°	11.3	12.4	12.2	10.7	8.5	7.1	6.3	5.4	4.6	4.0	3.8
45°	11.8	12.0	12.4	11.3	9.4	7.9	6.7	5.9	5.0	4.4	3.9
42.5°	13.4	13.1	12.5	12.0	10.6	8.8	7.2	6.3	5.4	4.8	4.1
40°	17.7	15.6	13.5	13.3	12.0	9.6	7.9	6.7	5.8	5.1	4.4
37.5°	23.4	20.1	16.5	16.2	14.0	11.1	8.6	7.0	6.2	5.5	4.7
35°	41.3	26.6	25.7	22.8	17.7	12.8	9.3	7.5	6.6	5.8	5.0
32.5°	64.1	48.4	45.5	34.1	22.5	14.7	10.6	8.4	7.1	6.1	5.3
30°	107.1	102.7	74.3	48.4	30.3	19.2	12.7	9.6	7.6	6.4	5.6
27.5°	188.5	174.3	116.1	74.8	44.0	25.0	15.8	10.9	8.1	6.8	5.8
25°	281.4	254.6	186.4	109.9	59.7	39.8	19.3	12.5	9.0	7.2	6.1
22.5°	387.3	338.8	268.4	150.4	92.0	59.6	27.3	15.3	10.1	7.6	6.3
20°	492.8	427.6	355.1	201.5	132.7	87.0	41.6	18.3	11.3	8.0	6.5
17.5°	601.9	501.0	401.9	263.1	174.9	116.7	58.3	21.5	12.6	8.4	6.7
15°	690.2	549.4	442.8	316.4	214.6	148.1	77.1	24.9	13.8	8.8	6.9
12.5°	762.6	594.9	480.8	361.9	251.7	180.4	97.1	28.2	15.1	9.2	7.0
10°	828.2	637.0	515.6	400.2	286.3	213.1	117.8	31.5	16.5	9.6	7.1
7.5°	886.4	675.4	547.1	432.1	314.3	233.6	130.6	34.5	17.9	9.9	7.1
5°	931.7	706.0	567.2	441.5	317.1	238.8	140.2	37.4	19.3	10.3	7.2
2.5°	947.2	726.8	579.3	444.4	317.6	240.9	147.6	39.9	20.5	10.6	7.2
0°	952.8	742.6	587.6	443.4	316.0	240.3	152.6	42.1	21.6	10.8	7.2
-2.5°	960.6	745.9	596.9	462.0	332.1	248.9	160.7	52.5	28.2	14.5	8.5
-5°	959.3	744.3	602.4	476.5	345.5	255.4	166.5	62.2	34.5	18.0	9.8
-7.5°	926.6	725.6	597.6	485.1	355.6	259.7	170.1	71.2	40.2	21.2	10.9
-10°	880.0	694.8	579.7	480.1	362.7	265.1	172.2	79.0	45.4	24.0	11.9
-12.5°	825.3	661.0	563.1	474.2	367.4	271.5	176.2	86.6	49.8	26.3	12.8
-15°	762.6	624.6	549.2	468.5	369.8	275.6	177.4	93.0	54.1	28.5	13.4
-17.5°	698.4	586.1	539.4	463.8	369.9	277.6	175.9	97.7	57.4	30.6	14.4
-20°	677.3	573.5	533.3	461.0	367.9	277.4	171.4	100.5	59.5	32.1	15.6



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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°	659.4	585.2	532.7	456.1	364.3	275.1	164.0	101.2	60.5	32.8	16.4
-25°	640.1	597.7	529.0	443.6	358.7	264.7	159.2	99.6	60.1	32.8	16.8
-27.5°	643.7	604.8	519.7	425.5	342.1	250.8	156.9	98.9	59.0	31.9	16.9
-30°	657.9	590.4	498.0	402.8	322.0	227.4	151.6	96.6	57.9	31.3	16.5
-32.5°	660.4	569.2	467.9	378.2	295.5	203.5	141.0	92.3	55.6	30.8	16.3
-35°	631.0	534.5	431.8	349.6	266.6	188.2	128.7	86.2	52.2	29.7	16.1
-37.5°	597.9	491.7	397.2	317.6	237.1	170.3	118.0	78.3	47.6	27.9	15.5
-40°	546.8	448.5	362.2	285.0	212.7	149.9	105.5	70.6	44.1	25.4	14.5
-42.5°	492.0	406.9	326.9	252.4	187.6	134.1	91.8	61.9	40.0	23.4	13.1
-45°	442.9	363.2	289.4	222.0	161.1	116.5	81.1	53.0	35.3	21.5	11.8
-47.5°	391.3	319.0	251.3	188.9	139.6	98.8	69.4	47.1	30.1	19.0	10.9
-50°	339.7	273.6	212.1	159.9	115.9	84.5	58.0	40.7	26.6	15.9	9.8
-52.5°	286.2	227.7	175.5	130.7	97.0	69.1	50.2	34.0	22.6	13.7	8.4
-55°	232.1	184.5	139.9	106.1	78.4	58.1	41.8	28.9	18.2	11.9	7.0
-57.5°	183.1	141.8	111.0	84.0	63.6	47.9	34.5	23.3	15.2	9.8	6.8
-60°	136.6	110.3	85.0	66.7	51.2	38.2	27.5	18.3	12.6	8.0	6.6
-62.5°	102.3	81.4	66.7	51.8	39.6	29.3	20.6	14.8	9.7	7.5	6.3
-65°	75.0	62.0	49.4	38.8	29.0	21.2	16.3	11.2	8.5	7.0	6.0
-67.5°	53.5	44.1	35.1	26.2	20.7	16.1	11.7	9.3	7.7	6.4	5.7
-70°	35.5	27.7	23.0	19.0	14.9	11.4	9.7	8.1	6.8	6.1	5.4
-72.5°	22.2	19.1	16.0	12.8	11.1	9.5	8.1	7.0	6.4	5.7	5.1
-75°	14.3	12.9	11.6	10.2	8.9	7.7	7.0	6.5	5.9	5.4	5.0
-77.5°	11.0	9.9	8.8	8.0	7.4	6.8	6.4	6.1	5.6	5.2	4.9
-80°	8.3	7.7	7.1	6.7	6.3	6.0	5.8	5.6	5.3	5.0	4.9
-82.5°	6.1	5.9	5.8	5.7	5.5	5.4	5.3	5.1	4.9	4.8	4.7
-85°	5.2	5.1	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3
-87.5°	4.4	4.4	4.3	4.3	4.2	4.2	4.2	4.1	4.1	4.0	4.0
-90°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.7	3.0	3.3



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	3.6	3.6	3.6	3.6	3.6	3.6	3.6
87.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6
85°	3.6	3.6	3.6	3.6	3.6	3.6	3.6
82.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6
80°	3.6	3.6	3.6	3.6	3.6	3.6	3.6
77.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6
75°	3.6	3.6	3.6	3.6	3.6	3.6	3.6
72.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6
70°	3.6	3.6	3.6	3.6	3.6	3.6	3.6
67.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6
65°	3.6	3.6	3.6	3.6	3.6	3.6	3.6
62.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6
60°	3.6	3.6	3.6	3.6	3.6	3.6	3.6
57.5°	3.7	3.6	3.6	3.6	3.6	3.6	3.6
55°	3.7	3.6	3.6	3.6	3.6	3.6	3.6
52.5°	3.8	3.6	3.6	3.6	3.6	3.6	3.6
50°	3.9	3.7	3.6	3.6	3.6	3.6	3.6
47.5°	4.1	3.8	3.6	3.6	3.6	3.6	3.6
45°	4.1	4.0	3.6	3.6	3.6	3.6	3.6
42.5°	4.2	4.1	3.6	3.6	3.6	3.6	3.6
40°	4.2	4.3	3.7	3.6	3.6	3.6	3.6
37.5°	4.3	4.4	3.8	3.6	3.6	3.6	3.6
35°	4.4	4.5	3.9	3.7	3.6	3.6	3.6
32.5°	4.5	4.6	4.0	3.7	3.6	3.6	3.6
30°	4.7	4.6	4.1	3.8	3.6	3.6	3.6
27.5°	4.9	4.7	4.3	3.8	3.6	3.6	3.6
25°	5.1	4.8	4.4	3.9	3.6	3.6	3.6
22.5°	5.3	4.8	4.5	4.0	3.6	3.6	3.6
20°	5.5	4.8	4.6	4.1	3.6	3.6	3.6
17.5°	5.7	4.8	4.7	4.2	3.6	3.6	3.6
15°	5.7	4.8	4.7	4.3	3.6	3.6	3.6
12.5°	5.8	4.8	4.7	4.4	3.6	3.6	3.6
10°	5.9	4.8	4.8	4.4	3.6	3.6	3.6
7.5°	5.9	4.8	4.8	4.5	3.6	3.6	3.6
5°	6.0	4.8	4.8	4.6	3.6	3.6	3.6
2.5°	6.0	4.8	4.8	4.7	3.6	3.6	3.6
0°	6.0	4.8	4.8	4.8	3.6	3.6	3.6
-2.5°	6.3	4.9	4.8	4.8	3.7	3.6	3.6
-5°	6.6	5.1	4.8	4.8	3.7	3.6	3.6
-7.5°	6.9	5.2	4.8	4.8	3.8	3.6	3.6
-10°	7.1	5.3	4.8	4.8	3.8	3.6	3.6
-12.5°	7.3	5.4	4.8	4.7	3.8	3.6	3.6
-15°	7.5	5.5	4.8	4.7	3.9	3.6	3.6
-17.5°	7.6	5.5	4.8	4.7	3.9	3.6	3.6
-20°	7.9	5.5	4.8	4.7	4.0	3.6	3.6



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	8.5	5.5	4.8	4.7	4.0	3.6	3.6
-25°	8.9	5.6	4.8	4.7	4.0	3.6	3.6
-27.5°	9.2	5.7	4.8	4.7	4.0	3.6	3.6
-30°	9.2	5.8	4.8	4.7	4.0	3.6	3.6
-32.5°	8.9	5.7	4.9	4.7	4.0	3.6	3.6
-35°	8.8	5.6	4.9	4.7	4.0	3.6	3.6
-37.5°	8.6	5.4	5.0	4.7	4.0	3.6	3.6
-40°	8.3	5.5	5.0	4.8	4.0	3.6	3.6
-42.5°	7.8	5.5	5.0	4.8	4.0	3.6	3.6
-45°	7.2	5.5	5.0	4.8	4.0	3.6	3.6
-47.5°	6.4	5.5	5.0	4.8	3.9	3.6	3.6
-50°	6.2	5.5	5.0	4.7	3.9	3.6	3.6
-52.5°	6.2	5.4	5.0	4.6	3.8	3.6	3.6
-55°	6.1	5.3	4.9	4.5	3.7	3.6	3.6
-57.5°	5.9	5.3	4.9	4.4	3.7	3.6	3.6
-60°	5.7	5.1	4.8	4.3	3.6	3.6	3.6
-62.5°	5.5	5.0	4.7	4.2	3.6	3.6	3.6
-65°	5.3	4.9	4.6	4.1	3.6	3.6	3.6
-67.5°	5.1	4.8	4.5	4.0	3.6	3.6	3.6
-70°	4.8	4.7	4.4	3.9	3.6	3.6	3.6
-72.5°	4.8	4.6	4.3	3.8	3.6	3.6	3.6
-75°	4.8	4.5	4.2	3.8	3.6	3.6	3.6
-77.5°	4.8	4.5	4.1	3.8	3.6	3.6	3.6
-80°	4.8	4.4	4.0	3.7	3.6	3.6	3.6
-82.5°	4.5	4.2	3.9	3.7	3.6	3.6	3.6
-85°	4.2	4.0	3.8	3.7	3.6	3.6	3.6
-87.5°	3.9	3.8	3.7	3.6	3.6	3.6	3.6
-90°	3.6	3.6	3.6	3.6	3.6	3.6	3.6

(END OF REPORT)