

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: P1306290 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-40-70-4S-CV2-A**

Issue Date: 2/3/2026

**Test Information**

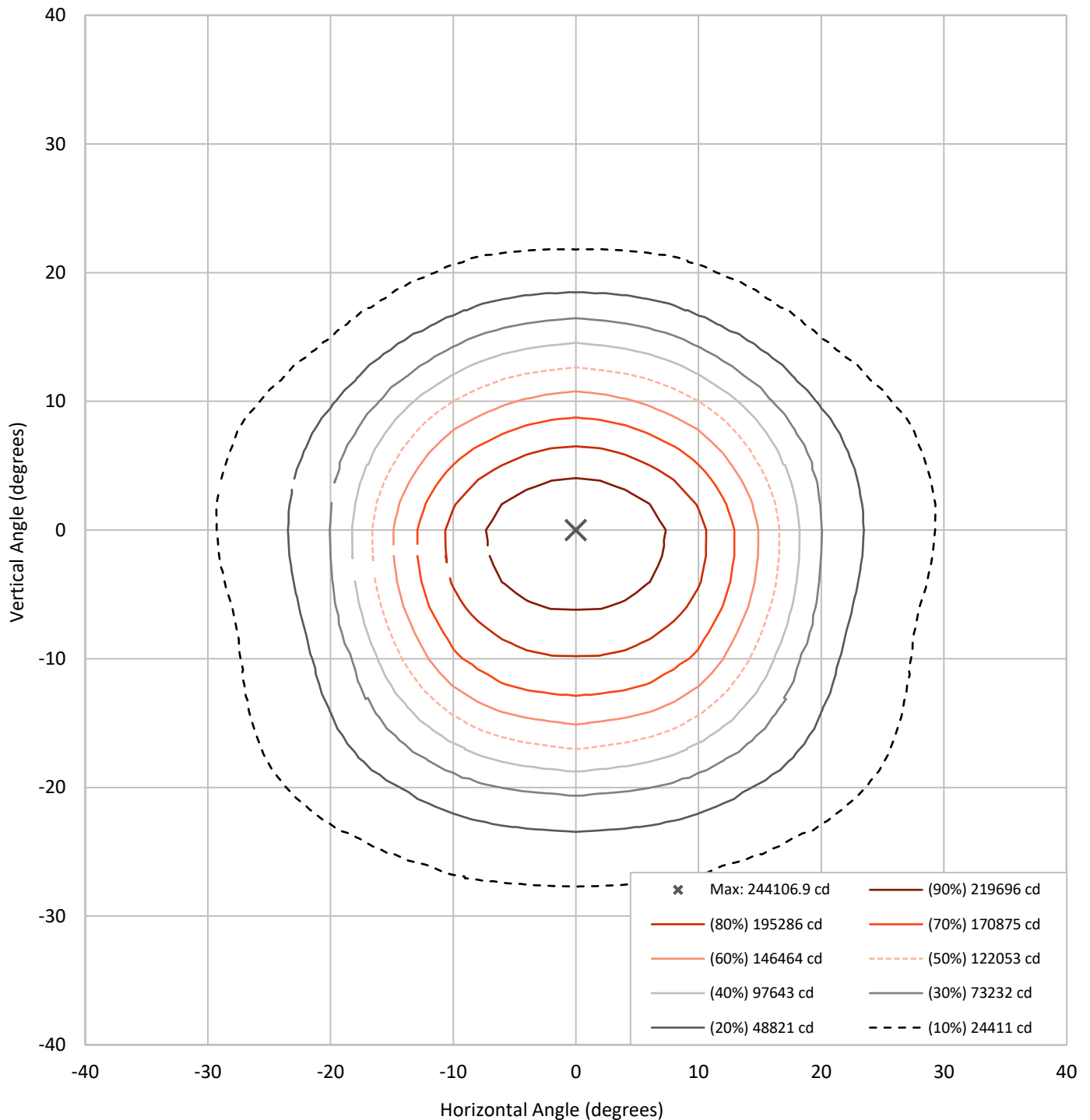
Test Method: LM-79-08  
Report Number: P1306290 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-680N-40-70-4S-CV2-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 4000K, 70 CRI LEDS AND 4S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	78125.3 lumens	Max Intensity:	244106.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	113.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.2°H x 29.7°V	Field Angle (10%):	58.6°H x 49.3°V
Beam Lumens:	42869.8 lumens	Field Lumens:	68686.8 lumens
Beam Efficiency:	54.9%	Field Efficiency:	87.9%
Input Watts (W):	688		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot





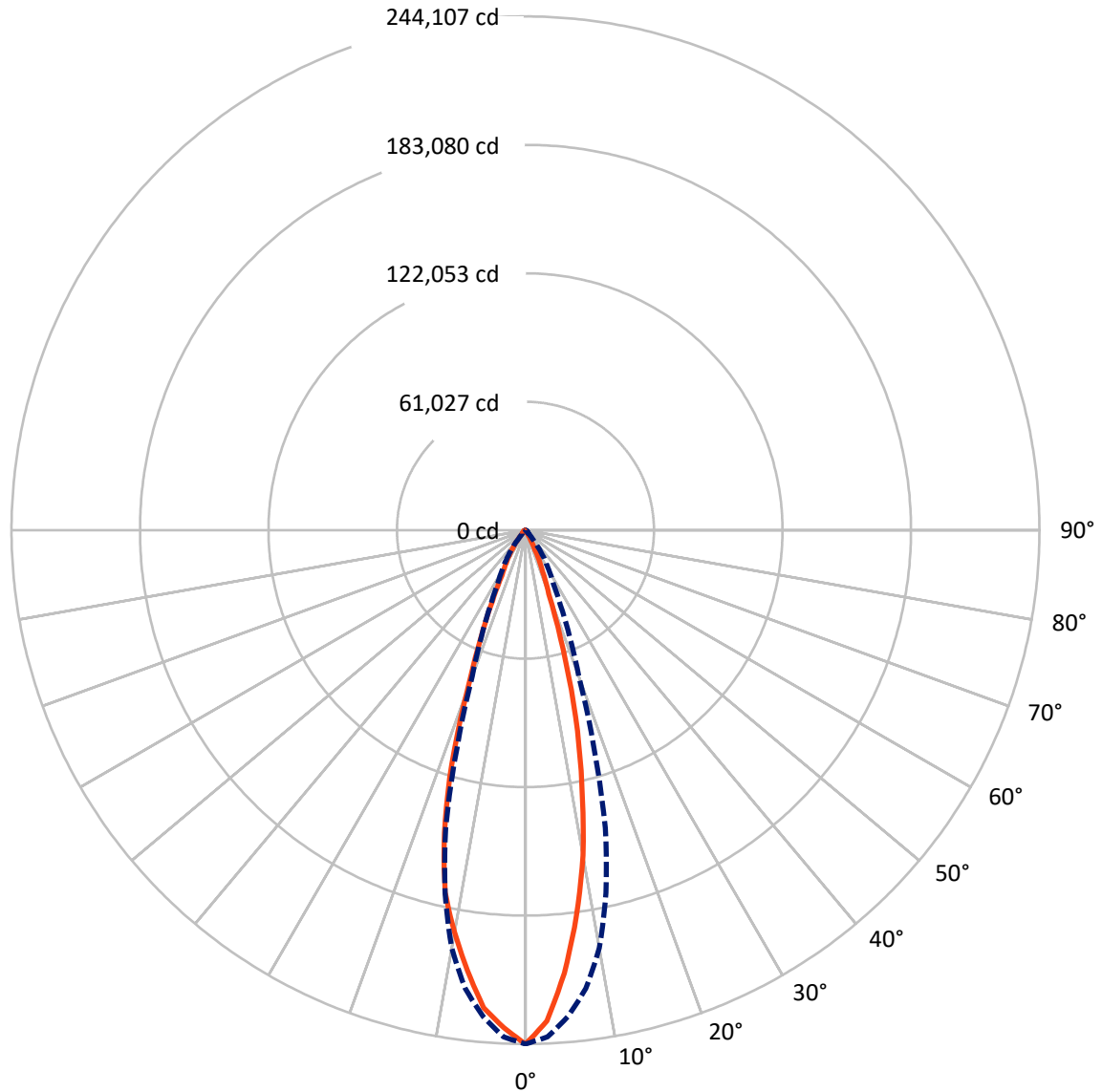
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### Lumen Table

90	0.2	0.5		0.7		0.6		0.5		0.6		0.7		0.5		0.2			
80	0.2	0.5		0.7		0.6		0.5		0.6		0.7		0.5		0.2			
70	0.2	0.1	0.2	0.5	0.6	0.4	0.3	0.4	0.4	0.3	0.4	0.6	0.5	0.2	0.1	0.2			
60		0.1	0.3	0.9	0.8	0.4	0.3	0.4	0.4	0.3	0.4	0.8	0.9	0.3	0.1				
50	0.2	0.2	0.4	0.6	0.7	0.9	1.3	1.5	1.5	1.3	0.9	0.7	0.6	0.4	0.2	0.2			
40		0.2	0.9	1.9	3.2	7.3	14.7	20.3	20.3	14.7	7.3	3.2	1.9	0.9	0.2				
30	0.3	0.4	2.8	7.7	28.6	104.1	246.7	417.4	417.4	246.7	104.1	28.6	7.7	2.8	0.4	0.3			
20		1.0	6.4	20.6	126.5	437.9	1343.8	2538.9	2538.9	1343.8	437.9	126.5	20.6	6.4	1.0				
10	0.3	1.8	10.9	38.8	294.6	1049.3	3480.5	5880.9	5880.9	3480.5	1049.3	294.6	38.8	10.9	1.8	0.3			
0		3.0	14.5	46.0	307.0	1082.0	3906.4	6456.5	6456.5	3906.4	1082.0	307.0	46.0	14.5	3.0				
-10	0.5	3.5	14.8	39.7	239.6	797.6	2333.0	4075.9	4075.9	2333.0	797.6	239.6	39.7	14.8	3.5	0.5			
-20		3.2	12.7	27.2	103.5	378.5	787.9	1179.3	1179.3	787.9	378.5	103.5	27.2	12.7	3.2				
-30	0.4	2.5	9.7	18.9	35.6	102.3	232.2	327.9	327.9	232.2	102.3	35.6	18.9	9.7	2.5	0.4			
-40		1.5	6.5	14.3	23.4	35.5	52.1	68.1	68.1	52.1	35.5	23.4	14.3	6.5	1.5				
-50	0.3	0.8	3.4	9.4	17.3	25.0	32.1	36.3	36.3	32.1	25.0	17.3	9.4	3.4	0.8	0.3			
-60		0.3	1.3	3.9	8.4	14.5	20.7	24.3	24.3	20.7	14.5	8.4	3.9	1.3	0.3				
-70	0.2	0.9		3.1		8.2		11.6		8.2		3.1		0.9		0.2			
-80		0.9		3.1		8.2		11.6		8.2		3.1		0.9					
-90	0.2	0.9		3.1		8.2		11.6		8.2		3.1		0.9		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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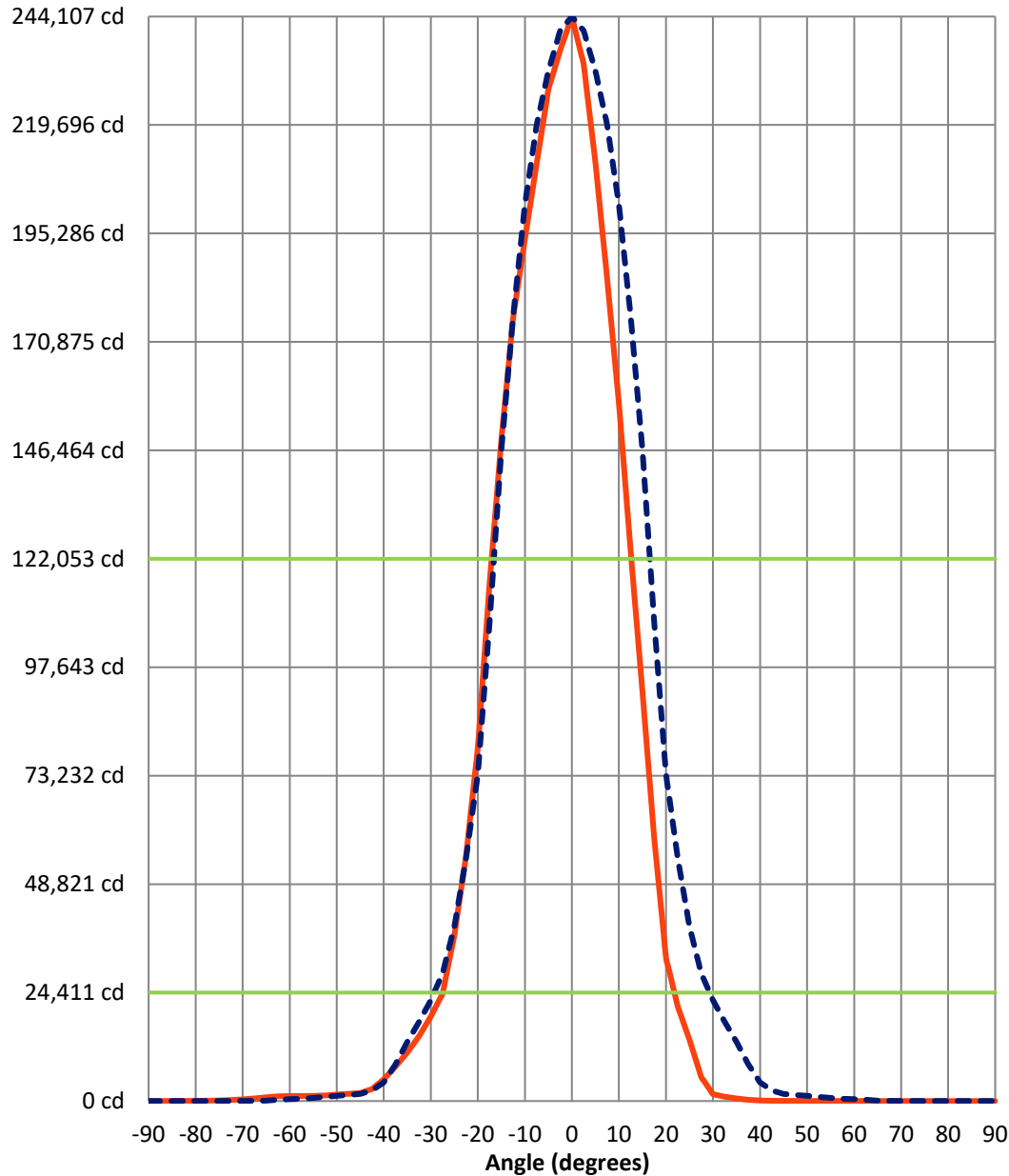
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 33.2°  
 V Angle: 29.7°  
 Lumens: 42869.8  
 Efficiency: 54.9%

**Field:**  
 H Angle: 58.6°  
 V Angle: 49.3°  
 Lumens: 68686.8  
 Efficiency: 87.9%

**Spill:**  
 Lumens: 9438.5  
 Efficiency: 12.1%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through 0-Deg



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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
87.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
85°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
82.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.7	8.6
80°	8.6	8.6	8.6	8.6	8.6	8.6	8.7	8.9	9.0	8.9	8.7
77.5°	8.6	8.6	8.6	8.6	8.6	8.8	9.2	9.5	9.4	9.2	8.7
75°	8.6	8.6	8.6	8.6	8.7	9.2	9.8	10.0	9.8	9.3	8.8
72.5°	8.6	8.6	8.6	8.6	9.0	9.7	10.3	10.4	9.9	9.4	8.8
70°	8.6	8.6	8.6	8.7	9.4	10.1	10.8	10.5	9.9	9.4	9.5
67.5°	8.6	8.6	8.6	8.9	9.8	10.6	10.8	10.5	10.0	10.0	10.3
65°	8.6	8.6	8.6	9.2	10.1	10.8	10.8	10.6	10.3	10.5	10.8
62.5°	8.6	8.6	8.6	9.4	10.4	10.8	10.8	10.7	10.6	10.8	10.8
60°	8.6	8.6	8.6	9.7	10.8	10.8	10.8	10.8	10.8	10.8	10.8
57.5°	8.6	8.6	8.8	9.9	10.8	10.8	10.8	10.8	10.8	10.8	10.8
55°	8.6	8.6	8.9	10.2	10.8	10.8	10.8	10.8	10.8	10.8	10.8
52.5°	8.6	8.6	9.1	10.4	10.8	10.8	10.8	10.8	10.8	10.8	10.8
50°	8.6	8.6	9.2	10.6	10.8	10.8	10.8	10.8	10.8	10.8	11.8
47.5°	8.6	8.6	9.4	10.8	10.8	10.8	10.8	10.8	10.8	10.8	12.7
45°	8.6	8.6	9.5	10.8	10.8	10.8	10.8	10.8	10.9	11.5	13.5
42.5°	8.6	8.6	9.6	10.8	10.8	10.8	10.8	10.9	11.0	12.0	14.0
40°	8.6	8.6	9.8	10.8	10.8	10.8	10.8	11.0	11.3	12.5	14.5
37.5°	8.6	8.6	9.9	10.8	10.8	10.8	10.8	11.3	12.0	13.2	14.9
35°	8.6	8.6	10.0	10.8	10.8	10.8	10.8	11.5	12.6	13.9	15.3
32.5°	8.6	8.6	10.1	10.8	10.8	10.8	10.9	11.8	13.1	14.6	16.3
30°	8.6	8.6	10.2	10.8	10.8	10.8	11.1	12.2	13.7	15.2	17.7
27.5°	8.6	8.6	10.3	10.8	10.8	10.8	11.3	12.6	14.2	15.8	19.4
25°	8.6	8.6	10.4	10.8	10.8	10.8	11.6	13.1	14.8	16.9	21.5
22.5°	8.6	8.6	10.5	10.8	10.8	10.8	11.8	13.5	15.2	18.4	26.0
20°	8.6	8.6	10.5	10.8	10.8	11.0	12.1	13.9	15.7	20.1	30.6
17.5°	8.6	8.6	10.6	10.8	10.8	11.2	12.4	14.3	16.1	21.8	35.2
15°	8.6	8.6	10.6	10.8	10.8	11.4	12.6	14.7	16.5	23.6	39.8
12.5°	8.6	8.6	10.7	10.8	10.8	11.6	12.7	15.1	17.7	25.5	44.3
10°	8.6	8.6	10.7	10.8	10.8	11.9	12.8	15.6	19.6	29.7	50.5
7.5°	8.6	8.6	10.8	10.8	10.8	12.1	12.9	16.0	21.7	34.3	60.7
5°	8.6	8.6	10.8	10.8	10.8	12.4	12.9	16.4	23.8	38.8	71.0
2.5°	8.6	8.6	10.8	10.8	10.8	12.7	12.9	16.8	26.0	43.2	81.0
0°	8.6	8.6	10.8	10.8	10.8	12.9	12.9	17.2	28.0	47.4	90.4
-2.5°	8.6	8.6	10.8	10.8	10.8	12.9	14.0	20.5	36.1	62.8	117.0
-5°	8.6	8.6	10.8	10.8	10.8	12.9	15.1	23.7	43.8	77.4	142.0
-7.5°	8.6	8.6	10.8	10.8	10.8	12.8	16.2	26.7	50.9	90.9	164.9
-10°	8.6	8.6	10.7	10.8	10.8	12.7	17.1	29.3	57.2	103.0	185.0
-12.5°	8.6	8.6	10.7	10.8	10.8	12.6	17.8	31.5	62.4	113.2	198.2
-15°	8.6	8.6	10.6	10.8	10.8	12.5	18.3	33.2	66.8	121.1	206.8
-17.5°	8.6	8.6	10.6	10.8	10.8	12.4	18.6	35.1	70.3	126.9	212.6
-20°	8.6	8.6	10.5	10.8	10.8	12.3	19.0	36.9	72.4	130.5	215.3



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 CATALOG NUMBER: EPH-08-680N-40-70-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	8.6	8.6	10.5	10.8	10.8	12.1	19.8	38.0	72.8	131.7	214.8
-25°	8.6	8.6	10.4	10.8	10.8	12.3	20.1	38.4	71.6	130.3	210.9
-27.5°	8.6	8.6	10.3	10.8	10.8	12.5	20.0	38.1	68.5	127.2	208.8
-30°	8.6	8.6	10.2	10.8	10.8	12.5	19.5	37.0	66.5	123.6	203.3
-32.5°	8.6	8.6	10.1	10.8	10.9	12.4	18.4	36.1	65.1	117.3	194.2
-35°	8.6	8.6	10.0	10.8	11.0	12.2	17.9	34.8	62.6	108.5	181.4
-37.5°	8.6	8.6	9.9	10.8	11.1	11.9	17.6	32.8	58.9	97.0	161.5
-40°	8.6	8.6	9.8	10.8	11.1	12.0	17.0	30.0	54.0	89.4	142.2
-42.5°	8.6	8.6	9.6	10.8	11.2	12.1	16.2	26.4	49.4	80.9	121.8
-45°	8.6	8.6	9.5	10.9	11.2	12.1	15.1	23.4	44.4	71.4	102.1
-47.5°	8.6	8.6	9.4	10.9	11.3	12.0	13.7	21.7	38.4	61.3	90.7
-50°	8.6	8.6	9.2	10.8	11.4	12.0	13.4	19.7	30.9	52.7	78.6
-52.5°	8.6	8.6	9.1	10.6	11.4	11.9	13.2	17.3	26.3	43.5	65.9
-55°	8.6	8.6	8.9	10.4	11.5	11.9	13.0	14.8	22.8	33.6	54.6
-57.5°	8.6	8.6	8.8	10.2	11.5	12.0	12.8	14.4	18.9	27.7	42.5
-60°	8.6	8.6	8.6	10.0	11.6	12.0	12.5	14.0	15.5	22.7	31.9
-62.5°	8.6	8.6	8.6	9.8	11.3	12.1	12.6	13.5	14.9	17.3	25.6
-65°	8.6	8.6	8.6	9.6	11.0	12.1	12.6	13.1	14.3	15.7	18.8
-67.5°	8.6	8.6	8.6	9.3	10.7	12.0	12.7	13.1	13.7	15.0	16.3
-70°	8.6	8.6	8.6	9.1	10.4	11.6	12.7	13.0	13.5	14.3	15.5
-72.5°	8.6	8.6	8.6	9.0	10.0	11.2	12.3	12.9	13.2	13.8	14.7
-75°	8.6	8.6	8.6	9.0	9.7	10.8	11.8	12.4	12.9	13.3	13.9
-77.5°	8.6	8.6	8.6	8.9	9.5	10.3	11.3	11.8	12.3	12.7	13.1
-80°	8.6	8.6	8.6	8.9	9.3	10.0	10.8	11.2	11.6	11.9	12.2
-82.5°	8.6	8.6	8.6	8.8	9.2	9.7	10.3	10.6	10.8	11.1	11.4
-85°	8.6	8.6	8.6	8.7	9.0	9.3	9.7	9.9	10.1	10.3	10.5
-87.5°	8.6	8.6	8.6	8.7	8.8	9.0	9.2	9.3	9.4	9.4	9.5
-90°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.1	7.6	7.0
87.5°	8.1	7.6	7.0	6.5	6.5	6.5	6.5	6.5	6.0	5.4	4.9
85°	8.1	7.6	7.2	6.8	6.8	6.8	6.7	6.5	6.2	6.0	5.8
82.5°	8.3	8.1	8.0	8.0	7.8	7.5	7.1	6.6	6.5	6.5	6.5
80°	8.5	8.6	8.6	8.6	8.2	7.6	7.1	6.6	6.5	6.6	6.6
77.5°	8.6	8.6	8.6	8.6	8.2	7.9	7.7	7.7	7.7	7.5	7.1
75°	8.6	8.6	8.7	8.7	8.5	8.5	8.6	8.6	8.3	7.8	7.2
72.5°	9.0	9.2	9.2	8.9	8.6	8.6	8.6	8.6	8.9	9.0	8.8
70°	9.8	9.9	9.5	9.0	8.6	8.9	10.1	11.2	11.9	12.0	12.4
67.5°	10.6	10.1	9.6	9.3	10.3	11.6	12.9	14.6	16.4	17.0	17.9
65°	10.7	10.2	10.2	11.1	12.7	14.4	16.3	18.5	23.2	26.0	27.4
62.5°	10.8	10.6	11.3	12.9	15.0	17.1	20.5	25.7	32.7	37.6	37.8
60°	10.8	11.0	12.6	15.0	17.3	20.1	25.1	33.1	43.6	51.6	47.0
57.5°	10.8	12.0	14.5	16.9	19.2	22.4	30.1	40.4	51.1	62.5	53.4
55°	11.4	13.7	16.1	18.3	21.2	25.4	33.4	43.0	54.9	58.2	47.8
52.5°	12.8	15.2	17.1	19.6	23.4	27.4	32.9	41.3	45.2	46.1	39.8
50°	14.0	15.9	17.9	20.9	24.7	28.0	29.7	34.8	36.2	34.4	31.0
47.5°	14.8	16.6	18.4	21.8	25.6	28.4	28.6	28.8	28.3	27.8	22.9
45°	15.4	17.2	19.1	22.8	26.9	29.4	28.0	24.0	27.3	26.3	25.2
42.5°	15.9	17.8	21.0	24.0	29.3	30.8	28.6	29.6	30.5	31.8	32.3
40°	16.4	18.4	23.6	29.3	32.4	33.1	36.6	39.3	38.2	41.8	43.9
37.5°	16.9	21.3	28.5	39.2	35.8	40.5	47.2	57.9	58.4	54.9	63.2
35°	17.3	24.7	40.6	52.2	49.3	52.2	69.9	84.0	88.2	83.6	88.9
32.5°	19.4	28.4	55.8	67.8	74.7	78.2	98.3	119.6	135.6	138.7	125.7
30°	23.4	42.3	73.3	86.7	106.7	126.1	140.1	165.8	198.6	224.3	234.8
27.5°	28.5	59.2	91.4	115.8	146.3	179.3	203.5	235.6	289.1	335.1	372.9
25°	34.1	82.2	111.7	151.5	196.7	239.4	276.7	330.1	401.0	477.3	610.0
22.5°	46.3	108.4	142.3	190.7	250.5	304.0	365.9	442.0	532.8	637.5	883.6
20°	66.4	134.1	179.1	234.6	308.3	371.7	459.0	556.1	680.0	903.3	1321.1
17.5°	87.7	161.8	216.8	286.4	378.0	458.0	556.0	669.4	833.5	1190.9	2013.7
15°	109.9	190.9	252.8	341.3	454.1	568.3	686.6	810.1	1044.8	1597.8	2895.6
12.5°	132.3	220.8	287.0	398.1	534.7	683.5	824.5	981.6	1321.1	2297.1	4202.2
10°	154.4	250.9	319.3	455.4	617.9	801.2	961.2	1146.3	1608.3	2930.7	5370.6
7.5°	190.7	290.1	353.8	511.8	701.6	918.9	1095.4	1303.2	1888.8	3482.9	6446.7
5°	229.0	338.3	408.9	580.9	784.2	1023.8	1216.7	1451.1	2154.4	3947.4	7456.1
2.5°	265.7	384.6	462.6	647.3	861.6	1105.2	1293.8	1533.9	2296.4	4164.6	8079.5
0°	299.2	428.4	514.5	708.2	932.1	1177.5	1362.7	1605.9	2383.1	4206.4	8279.3
-2.5°	339.8	476.4	568.1	756.6	970.7	1219.9	1406.4	1660.7	2472.7	4441.7	8315.5
-5°	374.7	520.9	619.2	799.7	1003.0	1253.1	1442.9	1703.4	2514.5	4548.7	8140.7
-7.5°	402.9	561.6	667.5	833.9	1019.8	1259.7	1456.3	1710.4	2485.3	4493.5	7782.9
-10°	419.9	578.7	679.2	833.3	1014.4	1245.7	1456.4	1704.2	2401.4	4264.8	7280.5
-12.5°	407.6	574.0	681.3	827.0	1004.0	1222.2	1446.1	1684.7	2258.4	3842.4	6692.6
-15°	392.3	566.3	679.9	815.0	989.2	1189.1	1424.5	1651.5	2035.7	3187.5	5966.5
-17.5°	374.9	555.8	674.7	797.0	970.4	1146.5	1380.8	1564.7	1805.1	2715.9	5129.4
-20°	355.9	542.5	665.6	773.2	947.3	1085.2	1277.9	1467.3	1686.6	2309.5	4003.6



REPORT NUMBER: P1306290 (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°	336.1	526.6	650.4	757.7	888.7	1014.4	1169.6	1355.2	1556.1	1804.7	2806.0
-25°	324.6	496.9	628.6	721.9	825.2	942.3	1058.3	1229.7	1419.9	1620.1	2147.1
-27.5°	318.5	468.1	592.9	686.0	764.1	870.1	968.8	1105.6	1281.9	1453.1	1620.1
-30°	308.2	427.4	556.5	648.8	719.6	803.3	888.3	999.2	1155.8	1306.0	1444.5
-32.5°	286.0	386.0	511.7	607.5	680.3	741.3	825.3	924.4	1044.8	1175.4	1286.8
-35°	258.7	353.3	463.5	566.3	641.6	699.4	775.0	858.3	946.7	1059.9	1193.2
-37.5°	233.4	317.8	415.5	520.1	597.2	667.4	725.6	800.5	876.8	960.6	1094.0
-40°	206.1	279.6	372.0	468.2	557.5	630.3	690.7	746.8	813.4	897.2	986.3
-42.5°	177.8	247.5	327.5	417.4	507.0	585.5	654.0	705.7	762.7	834.8	914.1
-45°	154.3	213.6	281.9	367.0	451.5	534.2	604.0	669.2	723.9	777.0	845.5
-47.5°	129.8	180.3	243.1	315.6	396.0	473.5	549.2	621.2	690.7	740.3	782.2
-50°	107.5	152.6	203.9	270.4	340.5	413.1	484.0	568.3	641.9	704.4	753.3
-52.5°	93.2	124.0	171.2	225.8	288.8	354.1	424.1	501.7	581.4	655.9	712.9
-55°	78.1	104.6	138.0	185.2	238.7	297.9	363.3	434.6	507.1	581.9	654.9
-57.5°	63.5	87.1	112.6	145.5	191.8	242.5	302.5	365.6	432.4	500.3	567.9
-60°	48.9	69.6	92.5	116.5	144.8	190.4	240.1	295.7	355.0	415.9	476.9
-62.5°	35.0	51.9	72.0	93.7	116.2	140.9	181.0	227.3	275.2	325.8	378.8
-65°	27.1	36.0	50.9	70.0	90.5	112.1	136.0	162.0	201.9	241.1	278.4
-67.5°	19.0	27.2	35.2	45.1	62.6	81.2	101.3	122.9	146.1	168.9	195.7
-70°	17.0	19.2	25.6	32.8	39.7	48.8	65.1	82.6	100.5	117.9	136.9
-72.5°	15.9	17.6	19.9	22.7	28.5	34.2	39.7	45.1	55.7	69.9	83.9
-75°	14.8	15.9	17.5	19.5	21.8	24.2	27.0	31.8	36.2	40.5	44.8
-77.5°	13.7	14.4	15.3	16.5	17.8	19.6	21.6	23.7	25.4	27.2	29.0
-80°	12.6	12.9	13.4	14.1	14.9	15.9	17.0	18.2	19.0	20.0	21.1
-82.5°	11.6	11.8	12.1	12.3	12.4	12.7	13.0	13.7	14.3	14.8	15.4
-85°	10.6	10.8	11.0	11.1	10.8	10.6	10.5	10.4	10.6	10.9	11.1
-87.5°	9.6	9.7	9.8	9.9	9.6	9.3	9.0	8.6	8.5	8.4	8.3
-90°	8.1	7.6	7.0	6.5	6.5	6.5	6.5	6.5	6.0	5.4	4.9



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	6.5	6.5	6.5	6.5	6.5	7.6	8.7	9.7	10.8	11.9	13.0
87.5°	4.3	4.3	4.3	4.3	4.3	3.8	3.3	2.7	2.2	2.2	2.2
85°	5.7	5.4	5.1	4.7	4.3	4.2	4.2	4.2	4.2	3.7	3.2
82.5°	6.5	6.0	5.4	4.9	4.3	4.3	4.3	4.3	4.3	3.8	3.3
80°	6.5	6.0	5.5	4.9	4.4	4.3	4.3	4.3	4.3	3.8	3.3
77.5°	6.6	6.2	5.8	5.6	5.5	5.4	5.1	4.8	4.4	3.8	3.3
75°	6.7	6.6	6.7	6.7	6.6	6.1	5.5	5.0	4.4	4.2	4.2
72.5°	8.4	8.1	8.0	8.2	8.2	8.0	7.5	7.0	6.2	6.1	6.3
70°	12.6	12.9	13.0	12.8	12.1	11.1	10.2	9.3	8.4	8.2	8.3
67.5°	19.1	19.4	18.7	17.3	15.1	13.2	12.3	11.5	10.6	10.3	10.5
65°	27.4	25.4	23.2	20.8	18.0	14.9	14.0	13.2	12.6	12.6	13.3
62.5°	35.5	28.9	23.3	19.7	17.0	14.9	13.9	12.9	12.0	11.6	12.0
60°	39.0	27.6	20.1	17.8	15.5	13.3	12.0	11.0	10.1	9.4	9.8
57.5°	39.1	27.1	18.6	15.9	13.5	11.5	10.4	9.8	9.2	8.7	9.3
55°	34.8	24.1	15.8	13.6	12.3	11.3	10.7	10.5	10.3	10.0	10.4
52.5°	28.0	20.1	14.7	12.7	12.8	12.8	12.7	12.8	13.0	13.4	14.0
50°	22.2	17.1	15.6	14.7	15.2	15.3	15.0	15.8	16.9	17.6	18.2
47.5°	20.4	18.7	18.9	18.4	19.2	20.7	21.0	21.6	23.3	24.3	25.0
45°	22.7	24.3	25.3	27.1	28.1	30.6	31.5	31.5	35.0	37.5	38.8
42.5°	31.7	34.4	37.8	41.2	42.9	46.1	49.3	51.1	56.4	60.7	62.4
40°	47.8	49.5	56.6	60.9	64.1	68.1	78.1	84.7	95.0	114.4	128.5
37.5°	70.4	75.5	79.7	85.9	99.4	106.1	138.0	166.9	186.7	234.8	262.0
35°	103.1	117.2	112.3	139.9	173.9	216.7	263.4	332.8	387.7	452.8	512.8
32.5°	161.5	196.1	229.5	261.5	338.2	461.0	464.4	594.3	681.2	786.6	879.3
30°	255.6	377.9	531.7	582.6	798.3	1039.3	972.5	1171.7	1369.1	1486.5	1892.1
27.5°	504.4	780.0	1085.7	1474.1	1875.9	2290.2	2564.6	2660.7	3659.6	4394.1	5350.2
25°	863.1	1346.6	2200.5	2829.6	3535.1	4455.2	4986.8	5702.3	7368.6	9445.0	11057.8
22.5°	1375.5	2220.3	3348.5	4300.4	5357.9	6598.0	7719.5	9435.0	12026.1	14860.3	17271.5
20°	1949.7	3038.9	4468.4	5894.6	7280.9	8896.9	10848.3	14351.3	18354.9	22797.7	26814.1
17.5°	3009.1	4080.2	5910.9	7860.6	9830.2	11776.8	16067.9	21255.9	27523.1	34106.2	39953.3
15°	4523.1	6256.5	8072.3	10650.4	13928.7	17669.5	23104.0	32203.3	41937.0	52211.1	64459.2
12.5°	6498.8	9011.8	11735.7	14720.7	19165.6	25994.2	35009.4	46116.0	60048.5	75462.2	92890.9
10°	8514.9	12139.3	15890.5	20153.6	26011.8	34807.6	46450.1	60356.7	82267.6	103863.6	122053.5
7.5°	10154.2	14378.1	19110.8	24773.8	32409.4	43126.7	57514.2	77612.6	103742.5	129437.9	149787.3
5°	11692.3	16332.2	21259.1	27045.2	36250.5	49174.5	66501.4	91576.9	122836.9	150164.5	171969.8
2.5°	12807.8	17681.8	22779.0	28666.3	39161.2	52851.0	71873.9	102978.4	138958.6	166957.3	191959.4
0°	13301.6	17811.6	22687.4	28728.0	39256.9	54726.3	73736.9	107792.8	146421.1	176521.4	201636.1
-2.5°	12689.4	17067.7	22099.4	28000.6	38555.0	53415.5	73052.9	107250.7	146011.8	176538.2	201299.1
-5°	12041.6	16192.3	20863.3	26318.1	35942.2	49759.8	69795.4	102470.1	139665.6	170355.3	194509.2
-7.5°	11351.0	15150.0	19328.8	24222.9	32761.1	46057.7	64661.9	92239.5	127007.2	158254.7	180971.5
-10°	10561.5	14019.9	18414.4	23601.4	31034.4	42592.6	57978.2	80071.2	112635.8	141667.9	166609.5
-12.5°	10097.9	13786.8	18178.0	22942.5	28938.3	39124.1	53122.9	71968.6	94260.0	121227.8	143420.8
-15°	9502.1	13236.1	17591.1	22061.0	27610.9	35563.7	46616.4	60458.6	77420.3	95593.3	115291.9
-17.5°	8522.5	12254.4	15761.4	19956.6	25227.9	31511.2	39454.0	50196.5	61450.6	74327.1	86112.5
-20°	6909.3	9923.8	13240.5	17193.2	21724.7	26486.2	31790.3	39109.9	46248.8	55263.5	62500.5



REPORT NUMBER: P1306290 (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°	4970.9	7519.0	10392.5	13659.2	17247.7	21324.2	25319.9	29182.6	34075.2	39781.4	45596.1
-25°	3237.4	5122.5	7610.8	10288.1	12794.4	16052.1	18922.8	21229.7	24529.0	27110.9	30634.7
-27.5°	2241.8	3467.0	5320.6	7453.8	9430.7	11515.9	13852.9	15427.9	17997.9	19394.7	21554.8
-30°	1640.4	2328.1	3661.1	5256.6	6978.9	8753.8	10422.2	12153.9	13941.6	15522.6	16721.3
-32.5°	1454.7	1724.8	2382.2	3530.6	4878.2	6366.5	7779.3	9288.9	10713.1	11938.6	12927.6
-35°	1328.6	1480.1	1686.6	2293.8	3098.0	4260.0	5371.5	6593.5	7737.4	8684.7	9478.7
-37.5°	1228.7	1350.0	1480.1	1613.3	2064.7	2573.3	3363.3	4212.6	4946.7	5785.4	6433.2
-40°	1115.3	1244.9	1349.0	1455.4	1575.1	1702.7	2130.3	2510.5	2925.3	3491.5	3954.1
-42.5°	998.3	1111.1	1228.4	1327.4	1417.7	1513.1	1609.2	1694.3	1904.9	2154.6	2344.0
-45°	917.4	997.2	1083.1	1188.0	1285.3	1367.9	1445.6	1520.1	1596.6	1667.2	1725.8
-47.5°	846.1	910.6	981.4	1053.4	1126.5	1211.5	1291.2	1366.9	1433.2	1493.4	1541.9
-50°	794.0	838.6	897.5	954.4	1016.9	1076.2	1129.1	1191.1	1259.0	1320.7	1370.0
-52.5°	767.7	806.7	840.5	881.3	937.7	987.4	1030.9	1080.1	1127.2	1170.5	1202.2
-55°	715.9	767.0	816.3	862.2	901.1	936.6	974.4	1022.6	1064.0	1099.6	1119.3
-57.5°	634.8	700.3	762.4	820.6	875.4	926.9	969.6	1007.9	1046.3	1082.7	1099.5
-60°	538.9	601.5	666.3	736.4	807.0	877.4	929.2	978.6	1025.1	1064.2	1084.9
-62.5°	435.8	492.8	550.8	613.9	681.1	746.9	803.5	862.4	922.8	974.8	1008.1
-65°	318.6	367.3	419.2	470.9	522.0	574.7	625.1	674.7	722.8	761.9	789.1
-67.5°	228.4	259.8	291.9	325.1	364.7	405.3	442.6	478.6	513.1	540.6	561.0
-70°	157.0	177.3	196.2	217.3	242.6	267.4	290.4	312.1	332.6	349.9	364.4
-72.5°	97.7	110.9	124.1	138.9	153.4	167.2	180.2	192.3	203.6	213.9	223.1
-75°	49.1	55.3	65.7	75.6	85.0	94.6	103.6	111.5	118.3	124.0	128.9
-77.5°	31.8	35.7	39.6	43.2	46.5	51.0	56.0	61.0	66.1	70.1	73.9
-80°	22.3	24.4	26.8	29.1	31.5	34.4	37.3	40.1	42.9	44.7	46.4
-82.5°	15.9	17.1	18.4	19.8	21.2	23.2	25.2	27.2	29.1	30.5	31.8
-85°	11.3	11.9	12.5	13.2	13.9	15.7	17.5	19.3	21.0	22.2	23.4
-87.5°	8.2	8.3	8.3	8.4	8.4	10.0	11.6	13.3	14.9	15.5	16.1
-90°	4.3	4.3	4.3	4.3	4.3	3.8	3.3	2.7	2.2	2.2	2.2



REPORT NUMBER: P1306290 (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°	14.0	15.1	15.1	15.1	15.1	15.1	14.0	13.0	11.9	10.8	9.7
87.5°	2.2	2.2	1.1	0.0	1.1	2.2	2.2	2.2	2.2	2.2	2.7
85°	2.7	2.2	2.2	2.2	2.2	2.2	2.7	3.2	3.7	4.2	4.2
82.5°	2.7	2.2	2.2	2.2	2.2	2.2	2.7	3.3	3.8	4.3	4.3
80°	2.7	2.2	2.2	2.2	2.2	2.2	2.7	3.3	3.8	4.3	4.3
77.5°	2.8	2.2	2.2	2.2	2.2	2.2	2.8	3.3	3.8	4.4	4.8
75°	4.2	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.4	5.0
72.5°	6.4	6.4	6.5	6.5	6.5	6.4	6.4	6.3	6.1	6.2	7.0
70°	8.5	8.5	7.6	6.5	7.6	8.5	8.5	8.3	8.2	8.4	9.3
67.5°	10.6	10.7	11.7	12.9	11.7	10.7	10.6	10.5	10.3	10.6	11.5
65°	14.1	14.8	14.1	12.9	14.1	14.8	14.1	13.3	12.6	12.6	13.2
62.5°	12.4	12.9	12.0	10.8	12.0	12.9	12.4	12.0	11.6	12.0	12.9
60°	10.2	10.7	10.8	10.8	10.8	10.7	10.2	9.8	9.4	10.1	11.0
57.5°	9.9	10.6	10.8	10.8	10.8	10.6	9.9	9.3	8.7	9.2	9.8
55°	10.7	10.8	10.8	10.8	10.8	10.8	10.7	10.4	10.0	10.3	10.5
52.5°	14.5	14.8	15.0	15.1	15.0	14.8	14.5	14.0	13.4	13.0	12.8
50°	18.7	19.1	19.3	19.4	19.3	19.1	18.7	18.2	17.6	16.9	15.8
47.5°	25.6	25.6	25.7	25.8	25.7	25.6	25.6	25.0	24.3	23.3	21.6
45°	39.3	38.8	38.4	38.7	38.4	38.8	39.3	38.8	37.5	35.0	31.5
42.5°	64.0	64.1	64.0	64.6	64.0	64.1	64.0	62.4	60.7	56.4	51.1
40°	132.3	127.5	120.7	120.6	120.7	127.5	132.3	128.5	114.4	95.0	84.7
37.5°	275.4	280.2	279.6	284.2	279.6	280.2	275.4	262.0	234.8	186.7	166.9
35°	558.4	583.5	589.1	587.7	589.1	583.5	558.4	512.8	452.8	387.7	332.8
32.5°	919.8	953.1	962.4	975.2	962.4	953.1	919.8	879.3	786.6	681.2	594.3
30°	1617.1	1661.9	1619.2	1532.7	1619.2	1661.9	1617.1	1892.1	1486.5	1369.1	1171.7
27.5°	5859.4	6074.3	5590.6	5414.1	5590.6	6074.3	5859.4	5350.2	4394.1	3659.6	2660.7
25°	11941.3	12891.7	13865.9	13779.5	13865.9	12891.7	11941.3	11057.8	9445.0	7368.6	5702.3
22.5°	19271.7	20234.8	21037.5	21314.0	21037.5	20234.8	19271.7	17271.5	14860.3	12026.1	9435.0
20°	30524.7	32400.5	33743.6	32312.2	33743.6	32400.5	30524.7	26814.1	22797.7	18354.9	14351.3
17.5°	48792.0	54440.4	57374.6	59227.6	57374.6	54440.4	48792.0	39953.3	34106.2	27523.1	21255.9
15°	75741.2	84259.5	88978.8	92103.8	88978.8	84259.5	75741.2	64459.2	52211.1	41937.0	32203.3
12.5°	106820.3	116107.8	120278.8	123683.1	120278.8	116107.8	106820.3	92890.9	75462.2	60048.5	46116.0
10°	136365.1	146399.0	153346.0	156956.5	153346.0	146399.0	136365.1	122053.5	103863.6	82267.6	60356.7
7.5°	163435.3	175709.6	182759.1	185003.2	182759.1	175709.6	163435.3	149787.3	129437.9	103742.5	77612.6
5°	189913.5	200864.9	209342.8	211265.1	209342.8	200864.9	189913.5	171969.8	150164.5	122836.9	91576.9
2.5°	210300.7	223425.6	231037.1	233338.0	231037.1	223425.6	210300.7	191959.4	166957.3	138958.6	102978.4
0°	219643.5	231862.3	240874.6	244106.9	240874.6	231862.3	219643.5	201636.1	176521.4	146421.1	107792.8
-2.5°	217689.3	228949.7	235400.7	236512.2	235400.7	228949.7	217689.3	201299.1	176538.2	146011.8	107250.7
-5°	210816.5	221162.3	227533.9	227716.2	227533.9	221162.3	210816.5	194509.2	170355.3	139665.6	102470.1
-7.5°	195719.8	205394.4	209836.4	210952.0	209836.4	205394.4	195719.8	180971.5	158254.7	127007.2	92239.5
-10°	180354.2	189329.8	193527.3	193991.8	193527.3	189329.8	180354.2	166609.5	141667.9	112635.8	80071.2
-12.5°	160450.9	170054.8	174245.8	176216.8	174245.8	170054.8	160450.9	143420.8	121227.8	94260.0	71968.6
-15°	130832.5	140119.3	145147.4	148860.1	145147.4	140119.3	130832.5	115291.9	95593.3	77420.3	60458.6
-17.5°	99096.6	107056.6	112011.7	116522.1	112011.7	107056.6	99096.6	86112.5	74327.1	61450.6	50196.5
-20°	70552.5	75621.8	77178.9	79609.5	77178.9	75621.8	70552.5	62500.5	55263.5	46248.8	39109.9



REPORT NUMBER: P1306290 (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°	49552.6	52434.9	54260.6	55292.4	54260.6	52434.9	49552.6	45596.1	39781.4	34075.2	29182.6
-25°	33593.2	35592.2	36369.6	37265.6	36369.6	35592.2	33593.2	30634.7	27110.9	24529.0	21229.7
-27.5°	22502.1	23322.9	23883.6	24187.9	23883.6	23322.9	22502.1	21554.8	19394.7	17997.9	15427.9
-30°	17686.3	18436.9	18887.1	19030.0	18887.1	18436.9	17686.3	16721.3	15522.6	13941.6	12153.9
-32.5°	13693.2	14260.5	14563.8	14604.0	14563.8	14260.5	13693.2	12927.6	11938.6	10713.1	9288.9
-35°	10144.3	10661.1	10947.2	10927.2	10947.2	10661.1	10144.3	9478.7	8684.7	7737.4	6593.5
-37.5°	6990.3	7428.3	7697.2	7767.0	7697.2	7428.3	6990.3	6433.2	5785.4	4946.7	4212.6
-40°	4373.1	4694.8	4886.9	4912.5	4886.9	4694.8	4373.1	3954.1	3491.5	2925.3	2510.5
-42.5°	2510.3	2640.6	2713.8	2710.3	2713.8	2640.6	2510.3	2344.0	2154.6	1904.9	1694.3
-45°	1764.2	1793.4	1809.9	1812.6	1809.9	1793.4	1764.2	1725.8	1667.2	1596.6	1520.1
-47.5°	1576.9	1604.5	1619.3	1621.0	1619.3	1604.5	1576.9	1541.9	1493.4	1433.2	1366.9
-50°	1409.5	1442.2	1460.0	1463.8	1460.0	1442.2	1409.5	1370.0	1320.7	1259.0	1191.1
-52.5°	1227.8	1249.5	1256.7	1252.9	1256.7	1249.5	1227.8	1202.2	1170.5	1127.2	1080.1
-55°	1137.6	1155.3	1162.9	1164.6	1162.9	1155.3	1137.6	1119.3	1099.6	1064.0	1022.6
-57.5°	1115.8	1131.6	1136.5	1136.6	1136.5	1131.6	1115.8	1099.5	1082.7	1046.3	1007.9
-60°	1105.3	1125.1	1128.9	1125.9	1128.9	1125.1	1105.3	1084.9	1064.2	1025.1	978.6
-62.5°	1037.6	1062.9	1070.9	1069.9	1070.9	1062.9	1037.6	1008.1	974.8	922.8	862.4
-65°	812.1	830.6	840.2	843.9	840.2	830.6	812.1	789.1	761.9	722.8	674.7
-67.5°	577.6	590.5	594.6	594.1	594.6	590.5	577.6	561.0	540.6	513.1	478.6
-70°	376.6	386.5	387.6	385.3	387.6	386.5	376.6	364.4	349.9	332.6	312.1
-72.5°	231.1	238.0	237.3	234.6	237.3	238.0	231.1	223.1	213.9	203.6	192.3
-75°	133.0	136.4	135.4	133.5	135.4	136.4	133.0	128.9	124.0	118.3	111.5
-77.5°	77.6	81.0	81.6	81.8	81.6	81.0	77.6	73.9	70.1	66.1	61.0
-80°	47.9	49.2	49.4	49.5	49.4	49.2	47.9	46.4	44.7	42.9	40.1
-82.5°	33.1	34.3	34.4	34.4	34.4	34.3	33.1	31.8	30.5	29.1	27.2
-85°	24.6	25.7	25.8	25.8	25.8	25.7	24.6	23.4	22.2	21.0	19.3
-87.5°	16.7	17.2	17.2	17.2	17.2	17.2	16.7	16.1	15.5	14.9	13.3
-90°	2.2	2.2	1.1	0.0	1.1	2.2	2.2	2.2	2.2	2.2	2.7



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	8.7	7.6	6.5	6.5	6.5	6.5	6.5	7.0	7.6	8.1	8.6
87.5°	3.3	3.8	4.3	4.3	4.3	4.3	4.3	4.9	5.4	6.0	6.5
85°	4.2	4.2	4.3	4.7	5.1	5.4	5.7	5.8	6.0	6.2	6.5
82.5°	4.3	4.3	4.3	4.9	5.4	6.0	6.5	6.5	6.5	6.5	6.6
80°	4.3	4.3	4.4	4.9	5.5	6.0	6.5	6.6	6.6	6.5	6.6
77.5°	5.1	5.4	5.5	5.6	5.8	6.2	6.6	7.1	7.5	7.7	7.7
75°	5.5	6.1	6.6	6.7	6.7	6.6	6.7	7.2	7.8	8.3	8.6
72.5°	7.5	8.0	8.2	8.2	8.0	8.1	8.4	8.8	9.0	8.9	8.6
70°	10.2	11.1	12.1	12.8	13.0	12.9	12.6	12.4	12.0	11.9	11.2
67.5°	12.3	13.2	15.1	17.3	18.7	19.4	19.1	17.9	17.0	16.4	14.6
65°	14.0	14.9	18.0	20.8	23.2	25.4	27.4	27.4	26.0	23.2	18.5
62.5°	13.9	14.9	17.0	19.7	23.3	28.9	35.5	37.8	37.6	32.7	25.7
60°	12.0	13.3	15.5	17.8	20.1	27.6	39.0	47.0	51.6	43.6	33.1
57.5°	10.4	11.5	13.5	15.9	18.6	27.1	39.1	53.4	62.5	51.1	40.4
55°	10.7	11.3	12.3	13.6	15.8	24.1	34.8	47.8	58.2	54.9	43.0
52.5°	12.7	12.8	12.8	12.7	14.7	20.1	28.0	39.8	46.1	45.2	41.3
50°	15.0	15.3	15.2	14.7	15.6	17.1	22.2	31.0	34.4	36.2	34.8
47.5°	21.0	20.7	19.2	18.4	18.9	18.7	20.4	22.9	27.8	28.3	28.8
45°	31.5	30.6	28.1	27.1	25.3	24.3	22.7	25.2	26.3	27.3	24.0
42.5°	49.3	46.1	42.9	41.2	37.8	34.4	31.7	32.3	31.8	30.5	29.6
40°	78.1	68.1	64.1	60.9	56.6	49.5	47.8	43.9	41.8	38.2	39.3
37.5°	138.0	106.1	99.4	85.9	79.7	75.5	70.4	63.2	54.9	58.4	57.9
35°	263.4	216.7	173.9	139.9	112.3	117.2	103.1	88.9	83.6	88.2	84.0
32.5°	464.4	461.0	338.2	261.5	229.5	196.1	161.5	125.7	138.7	135.6	119.6
30°	972.5	1039.3	798.3	582.6	531.7	377.9	255.6	234.8	224.3	198.6	165.8
27.5°	2564.6	2290.2	1875.9	1474.1	1085.7	780.0	504.4	372.9	335.1	289.1	235.6
25°	4986.8	4455.2	3535.1	2829.6	2200.5	1346.6	863.1	610.0	477.3	401.0	330.1
22.5°	7719.5	6598.0	5357.9	4300.4	3348.5	2220.3	1375.5	883.6	637.5	532.8	442.0
20°	10848.3	8896.9	7280.9	5894.6	4468.4	3038.9	1949.7	1321.1	903.3	680.0	556.1
17.5°	16067.9	11776.8	9830.2	7860.6	5910.9	4080.2	3009.1	2013.7	1190.9	833.5	669.4
15°	23104.0	17669.5	13928.7	10650.4	8072.3	6256.5	4523.1	2895.6	1597.8	1044.8	810.1
12.5°	35009.4	25994.2	19165.6	14720.7	11735.7	9011.8	6498.8	4202.2	2297.1	1321.1	981.6
10°	46450.1	34807.6	26011.8	20153.6	15890.5	12139.3	8514.9	5370.6	2930.7	1608.3	1146.3
7.5°	57514.2	43126.7	32409.4	24773.8	19110.8	14378.1	10154.2	6446.7	3482.9	1888.8	1303.2
5°	66501.4	49174.5	36250.5	27045.2	21259.1	16332.2	11692.3	7456.1	3947.4	2154.4	1451.1
2.5°	71873.9	52851.0	39161.2	28666.3	22779.0	17681.8	12807.8	8079.5	4164.6	2296.4	1533.9
0°	73736.9	54726.3	39256.9	28728.0	22687.4	17811.6	13301.6	8279.3	4206.4	2383.1	1605.9
-2.5°	73052.9	53415.5	38555.0	28000.6	22099.4	17067.7	12689.4	8315.5	4441.7	2472.7	1660.7
-5°	69795.4	49759.8	35942.2	26318.1	20863.3	16192.3	12041.6	8140.7	4548.7	2514.5	1703.4
-7.5°	64661.9	46057.7	32761.1	24222.9	19328.8	15150.0	11351.0	7782.9	4493.5	2485.3	1710.4
-10°	57978.2	42592.6	31034.4	23601.4	18414.4	14019.9	10561.5	7280.5	4264.8	2401.4	1704.2
-12.5°	53122.9	39124.1	28938.3	22942.5	18178.0	13786.8	10097.9	6692.6	3842.4	2258.4	1684.7
-15°	46616.4	35563.7	27610.9	22061.0	17591.1	13236.1	9502.1	5966.5	3187.5	2035.7	1651.5
-17.5°	39454.0	31511.2	25227.9	19956.6	15761.4	12254.4	8522.5	5129.4	2715.9	1805.1	1564.7
-20°	31790.3	26486.2	21724.7	17193.2	13240.5	9923.8	6909.3	4003.6	2309.5	1686.6	1467.3



REPORT NUMBER: P1306290 (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°	25319.9	21324.2	17247.7	13659.2	10392.5	7519.0	4970.9	2806.0	1804.7	1556.1	1355.2
-25°	18922.8	16052.1	12794.4	10288.1	7610.8	5122.5	3237.4	2147.1	1620.1	1419.9	1229.7
-27.5°	13852.9	11515.9	9430.7	7453.8	5320.6	3467.0	2241.8	1620.1	1453.1	1281.9	1105.6
-30°	10422.2	8753.8	6978.9	5256.6	3661.1	2328.1	1640.4	1444.5	1306.0	1155.8	999.2
-32.5°	7779.3	6366.5	4878.2	3530.6	2382.2	1724.8	1454.7	1286.8	1175.4	1044.8	924.4
-35°	5371.5	4260.0	3098.0	2293.8	1686.6	1480.1	1328.6	1193.2	1059.9	946.7	858.3
-37.5°	3363.3	2573.3	2064.7	1613.3	1480.1	1350.0	1228.7	1094.0	960.6	876.8	800.5
-40°	2130.3	1702.7	1575.1	1455.4	1349.0	1244.9	1115.3	986.3	897.2	813.4	746.8
-42.5°	1609.2	1513.1	1417.7	1327.4	1228.4	1111.1	998.3	914.1	834.8	762.7	705.7
-45°	1445.6	1367.9	1285.3	1188.0	1083.1	997.2	917.4	845.5	777.0	723.9	669.2
-47.5°	1291.2	1211.5	1126.5	1053.4	981.4	910.6	846.1	782.2	740.3	690.7	621.2
-50°	1129.1	1076.2	1016.9	954.4	897.5	838.6	794.0	753.3	704.4	641.9	568.3
-52.5°	1030.9	987.4	937.7	881.3	840.5	806.7	767.7	712.9	655.9	581.4	501.7
-55°	974.4	936.6	901.1	862.2	816.3	767.0	715.9	654.9	581.9	507.1	434.6
-57.5°	969.6	926.9	875.4	820.6	762.4	700.3	634.8	567.9	500.3	432.4	365.6
-60°	929.2	877.4	807.0	736.4	666.3	601.5	538.9	476.9	415.9	355.0	295.7
-62.5°	803.5	746.9	681.1	613.9	550.8	492.8	435.8	378.8	325.8	275.2	227.3
-65°	625.1	574.7	522.0	470.9	419.2	367.3	318.6	278.4	241.1	201.9	162.0
-67.5°	442.6	405.3	364.7	325.1	291.9	259.8	228.4	195.7	168.9	146.1	122.9
-70°	290.4	267.4	242.6	217.3	196.2	177.3	157.0	136.9	117.9	100.5	82.6
-72.5°	180.2	167.2	153.4	138.9	124.1	110.9	97.7	83.9	69.9	55.7	45.1
-75°	103.6	94.6	85.0	75.6	65.7	55.3	49.1	44.8	40.5	36.2	31.8
-77.5°	56.0	51.0	46.5	43.2	39.6	35.7	31.8	29.0	27.2	25.4	23.7
-80°	37.3	34.4	31.5	29.1	26.8	24.4	22.3	21.1	20.0	19.0	18.2
-82.5°	25.2	23.2	21.2	19.8	18.4	17.1	15.9	15.4	14.8	14.3	13.7
-85°	17.5	15.7	13.9	13.2	12.5	11.9	11.3	11.1	10.9	10.6	10.4
-87.5°	11.6	10.0	8.4	8.4	8.3	8.3	8.2	8.3	8.4	8.5	8.6
-90°	3.3	3.8	4.3	4.3	4.3	4.3	4.3	4.9	5.4	6.0	6.5



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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°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
87.5°	6.5	6.5	6.5	6.5	7.0	7.6	8.1	8.6	8.6	8.6	8.6
85°	6.7	6.8	6.8	6.8	7.2	7.6	8.1	8.6	8.6	8.6	8.6
82.5°	7.1	7.5	7.8	8.0	8.0	8.1	8.3	8.6	8.7	8.6	8.6
80°	7.1	7.6	8.2	8.6	8.6	8.6	8.5	8.7	8.9	9.0	8.9
77.5°	7.7	7.9	8.2	8.6	8.6	8.6	8.6	8.7	9.2	9.4	9.5
75°	8.6	8.5	8.5	8.7	8.7	8.6	8.6	8.8	9.3	9.8	10.0
72.5°	8.6	8.6	8.6	8.9	9.2	9.2	9.0	8.8	9.4	9.9	10.4
70°	10.1	8.9	8.6	9.0	9.5	9.9	9.8	9.5	9.4	9.9	10.5
67.5°	12.9	11.6	10.3	9.3	9.6	10.1	10.6	10.3	10.0	10.0	10.5
65°	16.3	14.4	12.7	11.1	10.2	10.2	10.7	10.8	10.5	10.3	10.6
62.5°	20.5	17.1	15.0	12.9	11.3	10.6	10.8	10.8	10.8	10.6	10.7
60°	25.1	20.1	17.3	15.0	12.6	11.0	10.8	10.8	10.8	10.8	10.8
57.5°	30.1	22.4	19.2	16.9	14.5	12.0	10.8	10.8	10.8	10.8	10.8
55°	33.4	25.4	21.2	18.3	16.1	13.7	11.4	10.8	10.8	10.8	10.8
52.5°	32.9	27.4	23.4	19.6	17.1	15.2	12.8	10.8	10.8	10.8	10.8
50°	29.7	28.0	24.7	20.9	17.9	15.9	14.0	11.8	10.8	10.8	10.8
47.5°	28.6	28.4	25.6	21.8	18.4	16.6	14.8	12.7	10.8	10.8	10.8
45°	28.0	29.4	26.9	22.8	19.1	17.2	15.4	13.5	11.5	10.9	10.8
42.5°	28.6	30.8	29.3	24.0	21.0	17.8	15.9	14.0	12.0	11.0	10.9
40°	36.6	33.1	32.4	29.3	23.6	18.4	16.4	14.5	12.5	11.3	11.0
37.5°	47.2	40.5	35.8	39.2	28.5	21.3	16.9	14.9	13.2	12.0	11.3
35°	69.9	52.2	49.3	52.2	40.6	24.7	17.3	15.3	13.9	12.6	11.5
32.5°	98.3	78.2	74.7	67.8	55.8	28.4	19.4	16.3	14.6	13.1	11.8
30°	140.1	126.1	106.7	86.7	73.3	42.3	23.4	17.7	15.2	13.7	12.2
27.5°	203.5	179.3	146.3	115.8	91.4	59.2	28.5	19.4	15.8	14.2	12.6
25°	276.7	239.4	196.7	151.5	111.7	82.2	34.1	21.5	16.9	14.8	13.1
22.5°	365.9	304.0	250.5	190.7	142.3	108.4	46.3	26.0	18.4	15.2	13.5
20°	459.0	371.7	308.3	234.6	179.1	134.1	66.4	30.6	20.1	15.7	13.9
17.5°	556.0	458.0	378.0	286.4	216.8	161.8	87.7	35.2	21.8	16.1	14.3
15°	686.6	568.3	454.1	341.3	252.8	190.9	109.9	39.8	23.6	16.5	14.7
12.5°	824.5	683.5	534.7	398.1	287.0	220.8	132.3	44.3	25.5	17.7	15.1
10°	961.2	801.2	617.9	455.4	319.3	250.9	154.4	50.5	29.7	19.6	15.6
7.5°	1095.4	918.9	701.6	511.8	353.8	290.1	190.7	60.7	34.3	21.7	16.0
5°	1216.7	1023.8	784.2	580.9	408.9	338.3	229.0	71.0	38.8	23.8	16.4
2.5°	1293.8	1105.2	861.6	647.3	462.6	384.6	265.7	81.0	43.2	26.0	16.8
0°	1362.7	1177.5	932.1	708.2	514.5	428.4	299.2	90.4	47.4	28.0	17.2
-2.5°	1406.4	1219.9	970.7	756.6	568.1	476.4	339.8	117.0	62.8	36.1	20.5
-5°	1442.9	1253.1	1003.0	799.7	619.2	520.9	374.7	142.0	77.4	43.8	23.7
-7.5°	1456.3	1259.7	1019.8	833.9	667.5	561.6	402.9	164.9	90.9	50.9	26.7
-10°	1456.4	1245.7	1014.4	833.3	679.2	578.7	419.9	185.0	103.0	57.2	29.3
-12.5°	1446.1	1222.2	1004.0	827.0	681.3	574.0	407.6	198.2	113.2	62.4	31.5
-15°	1424.5	1189.1	989.2	815.0	679.9	566.3	392.3	206.8	121.1	66.8	33.2
-17.5°	1380.8	1146.5	970.4	797.0	674.7	555.8	374.9	212.6	126.9	70.3	35.1
-20°	1277.9	1085.2	947.3	773.2	665.6	542.5	355.9	215.3	130.5	72.4	36.9



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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°	1169.6	1014.4	888.7	757.7	650.4	526.6	336.1	214.8	131.7	72.8	38.0
-25°	1058.3	942.3	825.2	721.9	628.6	496.9	324.6	210.9	130.3	71.6	38.4
-27.5°	968.8	870.1	764.1	686.0	592.9	468.1	318.5	208.8	127.2	68.5	38.1
-30°	888.3	803.3	719.6	648.8	556.5	427.4	308.2	203.3	123.6	66.5	37.0
-32.5°	825.3	741.3	680.3	607.5	511.7	386.0	286.0	194.2	117.3	65.1	36.1
-35°	775.0	699.4	641.6	566.3	463.5	353.3	258.7	181.4	108.5	62.6	34.8
-37.5°	725.6	667.4	597.2	520.1	415.5	317.8	233.4	161.5	97.0	58.9	32.8
-40°	690.7	630.3	557.5	468.2	372.0	279.6	206.1	142.2	89.4	54.0	30.0
-42.5°	654.0	585.5	507.0	417.4	327.5	247.5	177.8	121.8	80.9	49.4	26.4
-45°	604.0	534.2	451.5	367.0	281.9	213.6	154.3	102.1	71.4	44.4	23.4
-47.5°	549.2	473.5	396.0	315.6	243.1	180.3	129.8	90.7	61.3	38.4	21.7
-50°	484.0	413.1	340.5	270.4	203.9	152.6	107.5	78.6	52.7	30.9	19.7
-52.5°	424.1	354.1	288.8	225.8	171.2	124.0	93.2	65.9	43.5	26.3	17.3
-55°	363.3	297.9	238.7	185.2	138.0	104.6	78.1	54.6	33.6	22.8	14.8
-57.5°	302.5	242.5	191.8	145.5	112.6	87.1	63.5	42.5	27.7	18.9	14.4
-60°	240.1	190.4	144.8	116.5	92.5	69.6	48.9	31.9	22.7	15.5	14.0
-62.5°	181.0	140.9	116.2	93.7	72.0	51.9	35.0	25.6	17.3	14.9	13.5
-65°	136.0	112.1	90.5	70.0	50.9	36.0	27.1	18.8	15.7	14.3	13.1
-67.5°	101.3	81.2	62.6	45.1	35.2	27.2	19.0	16.3	15.0	13.7	13.1
-70°	65.1	48.8	39.7	32.8	25.6	19.2	17.0	15.5	14.3	13.5	13.0
-72.5°	39.7	34.2	28.5	22.7	19.9	17.6	15.9	14.7	13.8	13.2	12.9
-75°	27.0	24.2	21.8	19.5	17.5	15.9	14.8	13.9	13.3	12.9	12.4
-77.5°	21.6	19.6	17.8	16.5	15.3	14.4	13.7	13.1	12.7	12.3	11.8
-80°	17.0	15.9	14.9	14.1	13.4	12.9	12.6	12.2	11.9	11.6	11.2
-82.5°	13.0	12.7	12.4	12.3	12.1	11.8	11.6	11.4	11.1	10.8	10.6
-85°	10.5	10.6	10.8	11.1	11.0	10.8	10.6	10.5	10.3	10.1	9.9
-87.5°	9.0	9.3	9.6	9.9	9.8	9.7	9.6	9.5	9.4	9.4	9.3
-90°	6.5	6.5	6.5	6.5	7.0	7.6	8.1	8.6	8.6	8.6	8.6



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.6	8.6	8.6	8.6	8.6	8.6	8.6
87.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6
85°	8.6	8.6	8.6	8.6	8.6	8.6	8.6
82.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6
80°	8.7	8.6	8.6	8.6	8.6	8.6	8.6
77.5°	9.2	8.8	8.6	8.6	8.6	8.6	8.6
75°	9.8	9.2	8.7	8.6	8.6	8.6	8.6
72.5°	10.3	9.7	9.0	8.6	8.6	8.6	8.6
70°	10.8	10.1	9.4	8.7	8.6	8.6	8.6
67.5°	10.8	10.6	9.8	8.9	8.6	8.6	8.6
65°	10.8	10.8	10.1	9.2	8.6	8.6	8.6
62.5°	10.8	10.8	10.4	9.4	8.6	8.6	8.6
60°	10.8	10.8	10.8	9.7	8.6	8.6	8.6
57.5°	10.8	10.8	10.8	9.9	8.8	8.6	8.6
55°	10.8	10.8	10.8	10.2	8.9	8.6	8.6
52.5°	10.8	10.8	10.8	10.4	9.1	8.6	8.6
50°	10.8	10.8	10.8	10.6	9.2	8.6	8.6
47.5°	10.8	10.8	10.8	10.8	9.4	8.6	8.6
45°	10.8	10.8	10.8	10.8	9.5	8.6	8.6
42.5°	10.8	10.8	10.8	10.8	9.6	8.6	8.6
40°	10.8	10.8	10.8	10.8	9.8	8.6	8.6
37.5°	10.8	10.8	10.8	10.8	9.9	8.6	8.6
35°	10.8	10.8	10.8	10.8	10.0	8.6	8.6
32.5°	10.9	10.8	10.8	10.8	10.1	8.6	8.6
30°	11.1	10.8	10.8	10.8	10.2	8.6	8.6
27.5°	11.3	10.8	10.8	10.8	10.3	8.6	8.6
25°	11.6	10.8	10.8	10.8	10.4	8.6	8.6
22.5°	11.8	10.8	10.8	10.8	10.5	8.6	8.6
20°	12.1	11.0	10.8	10.8	10.5	8.6	8.6
17.5°	12.4	11.2	10.8	10.8	10.6	8.6	8.6
15°	12.6	11.4	10.8	10.8	10.6	8.6	8.6
12.5°	12.7	11.6	10.8	10.8	10.7	8.6	8.6
10°	12.8	11.9	10.8	10.8	10.7	8.6	8.6
7.5°	12.9	12.1	10.8	10.8	10.8	8.6	8.6
5°	12.9	12.4	10.8	10.8	10.8	8.6	8.6
2.5°	12.9	12.7	10.8	10.8	10.8	8.6	8.6
0°	12.9	12.9	10.8	10.8	10.8	8.6	8.6
-2.5°	14.0	12.9	10.8	10.8	10.8	8.6	8.6
-5°	15.1	12.9	10.8	10.8	10.8	8.6	8.6
-7.5°	16.2	12.8	10.8	10.8	10.8	8.6	8.6
-10°	17.1	12.7	10.8	10.8	10.7	8.6	8.6
-12.5°	17.8	12.6	10.8	10.8	10.7	8.6	8.6
-15°	18.3	12.5	10.8	10.8	10.6	8.6	8.6
-17.5°	18.6	12.4	10.8	10.8	10.6	8.6	8.6
-20°	19.0	12.3	10.8	10.8	10.5	8.6	8.6



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	19.8	12.1	10.8	10.8	10.5	8.6	8.6
-25°	20.1	12.3	10.8	10.8	10.4	8.6	8.6
-27.5°	20.0	12.5	10.8	10.8	10.3	8.6	8.6
-30°	19.5	12.5	10.8	10.8	10.2	8.6	8.6
-32.5°	18.4	12.4	10.9	10.8	10.1	8.6	8.6
-35°	17.9	12.2	11.0	10.8	10.0	8.6	8.6
-37.5°	17.6	11.9	11.1	10.8	9.9	8.6	8.6
-40°	17.0	12.0	11.1	10.8	9.8	8.6	8.6
-42.5°	16.2	12.1	11.2	10.8	9.6	8.6	8.6
-45°	15.1	12.1	11.2	10.9	9.5	8.6	8.6
-47.5°	13.7	12.0	11.3	10.9	9.4	8.6	8.6
-50°	13.4	12.0	11.4	10.8	9.2	8.6	8.6
-52.5°	13.2	11.9	11.4	10.6	9.1	8.6	8.6
-55°	13.0	11.9	11.5	10.4	8.9	8.6	8.6
-57.5°	12.8	12.0	11.5	10.2	8.8	8.6	8.6
-60°	12.5	12.0	11.6	10.0	8.6	8.6	8.6
-62.5°	12.6	12.1	11.3	9.8	8.6	8.6	8.6
-65°	12.6	12.1	11.0	9.6	8.6	8.6	8.6
-67.5°	12.7	12.0	10.7	9.3	8.6	8.6	8.6
-70°	12.7	11.6	10.4	9.1	8.6	8.6	8.6
-72.5°	12.3	11.2	10.0	9.0	8.6	8.6	8.6
-75°	11.8	10.8	9.7	9.0	8.6	8.6	8.6
-77.5°	11.3	10.3	9.5	8.9	8.6	8.6	8.6
-80°	10.8	10.0	9.3	8.9	8.6	8.6	8.6
-82.5°	10.3	9.7	9.2	8.8	8.6	8.6	8.6
-85°	9.7	9.3	9.0	8.7	8.6	8.6	8.6
-87.5°	9.2	9.0	8.8	8.7	8.6	8.6	8.6
-90°	8.6	8.6	8.6	8.6	8.6	8.6	8.6

(END OF REPORT)