

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: P1305561 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320L-57-70-5S-CV1-A**

Issue Date: 2/3/2026

**Test Information**

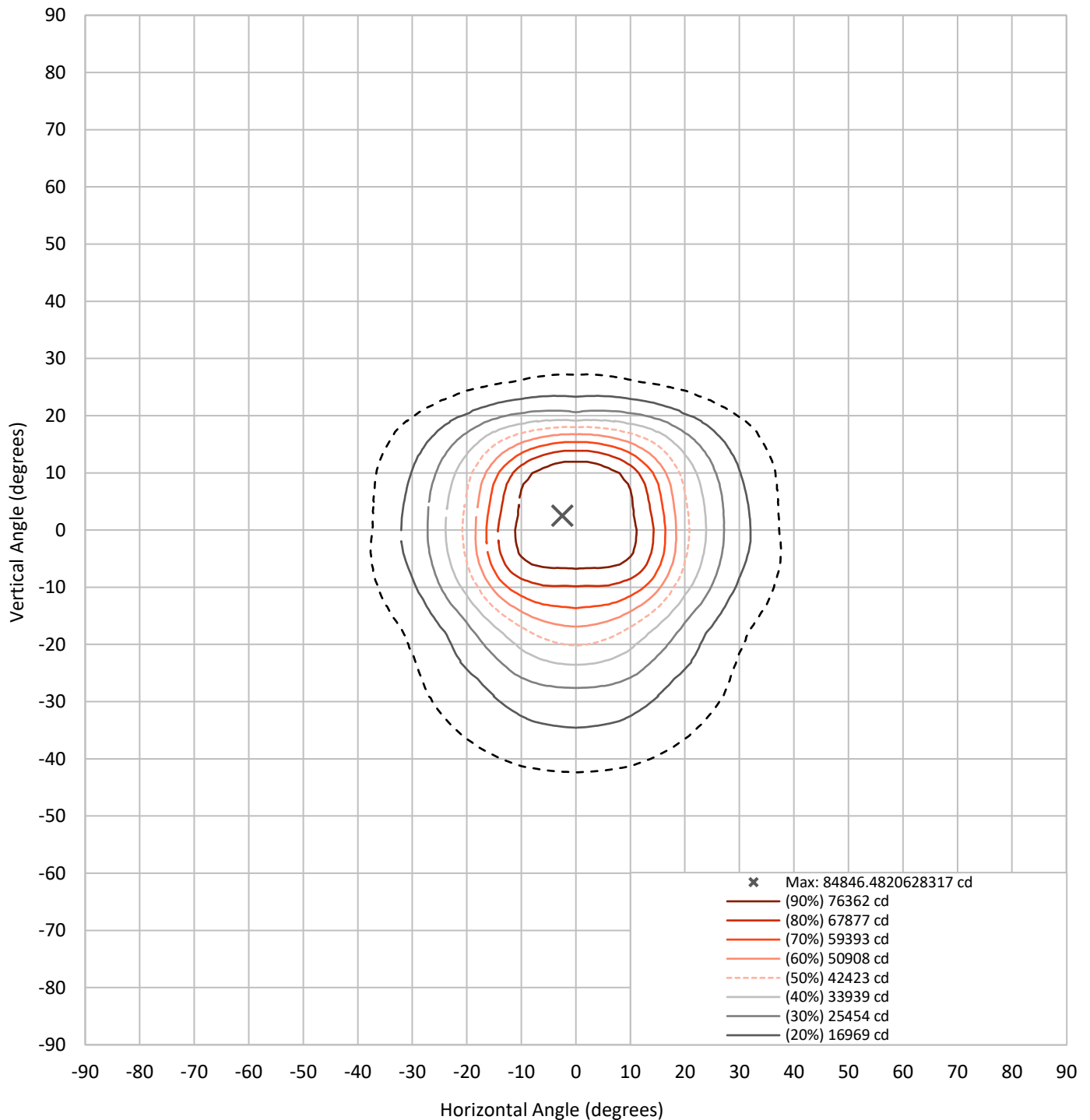
Test Method: LM-79-08  
Report Number: P1305561 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-34)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-320L-57-70-5S-CV1-A  
Description: EPHEBUS LUMASPORT 8 LUMINAIRE  
(8) 5700K, 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:	45298.2 lumens	Max Intensity:	84846.5 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 2.5°V
Efficacy:	135.6 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:	24959.6 lumens	Field Lumens:	42126.5 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





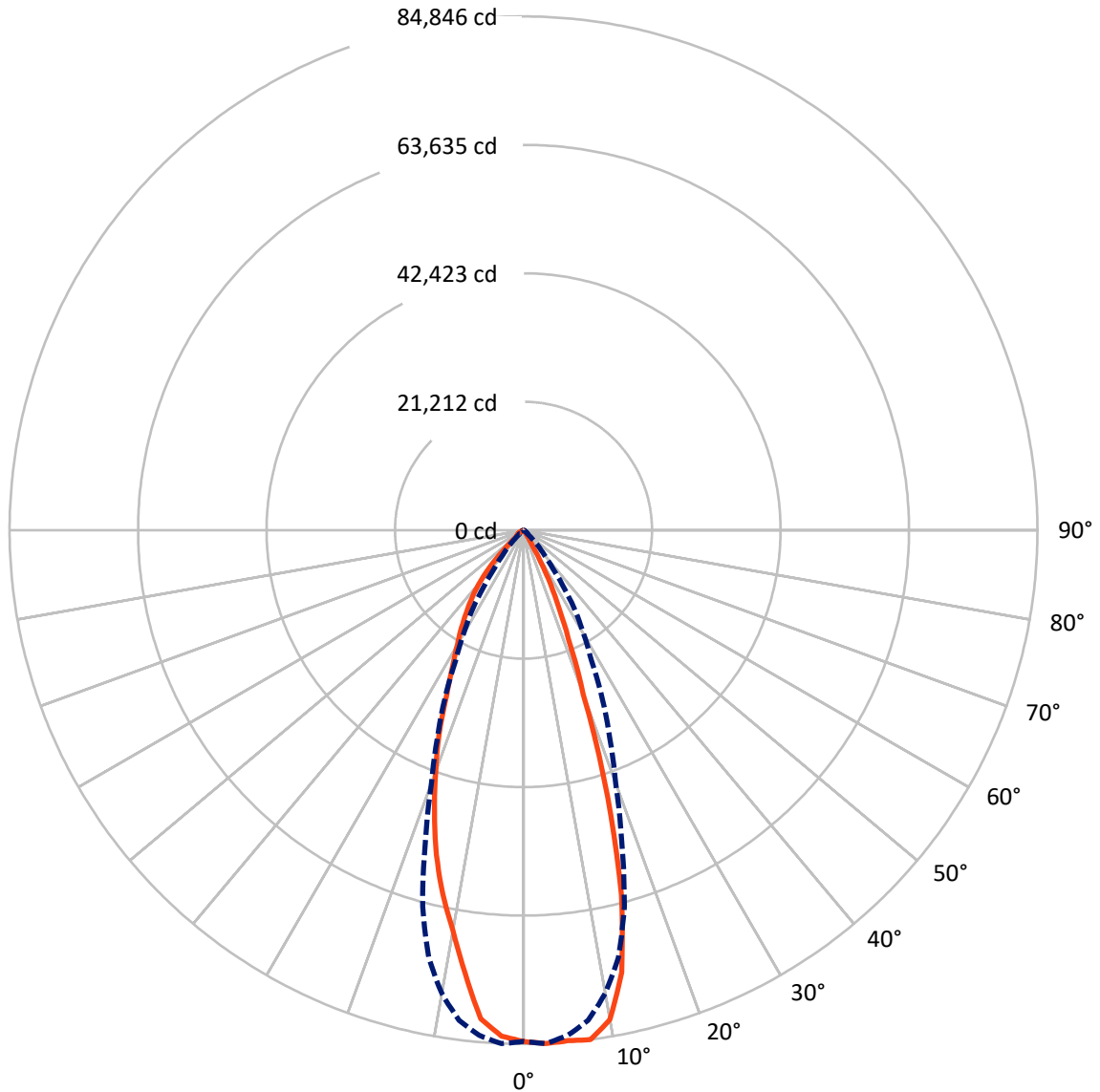
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### Lumen Table

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	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	0.1			
70	0.1	0.0	0.1	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.1	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	3.0	6.4	15.1	21.6	21.6	15.1	6.4	3.0	1.4	0.5	0.1	
30	0.1	0.2	2.4	9.0	49.4	151.6	305.1	410.5	410.5	305.1	151.6	49.4	9.0	2.4	0.2	0.1
20		0.7	5.9	32.6	203.5	579.5	1201.2	1730.0	1730.0	1201.2	579.5	203.5	32.6	5.9	0.7	
10	0.1	1.1	8.0	51.5	292.5	833.6	1801.1	2490.6	2490.6	1801.1	833.6	292.5	51.5	8.0	1.1	0.1
0		1.4	8.5	53.9	294.7	812.6	1774.9	2352.6	2352.6	1774.9	812.6	294.7	53.9	8.5	1.4	
-10	0.2	1.6	8.2	36.2	193.7	536.0	1140.2	1621.9	1621.9	1140.2	536.0	193.7	36.2	8.2	1.6	0.2
-20		1.6	7.8	20.1	114.2	328.3	638.1	902.4	902.4	638.1	328.3	114.2	20.1	7.8	1.6	
-30	0.2	1.3	6.3	15.0	45.9	181.0	353.1	483.2	483.2	353.1	181.0	45.9	15.0	6.3	1.3	0.2
-40		0.8	4.1	11.7	22.6	42.1	99.8	155.1	155.1	99.8	42.1	22.6	11.7	4.1	0.8	
-50	0.1	0.4	2.1	6.4	13.8	22.5	30.8	35.6	35.6	30.8	22.5	13.8	6.4	2.1	0.4	0.1
-60		0.2	0.7	2.2	4.7	8.1	11.9	14.0	14.0	11.9	8.1	4.7	2.2	0.7	0.2	
-70	0.1	0.4	1.6	3.8	5.1	3.8	1.6	0.4	0.1	0.1	0.4	1.6	3.8	5.1	3.8	0.1
-80		0.4	1.6	3.8	5.1	3.8	1.6	0.4	0.1	0.1	0.4	1.6	3.8	5.1	3.8	
-90	0.1	0.4	1.6	3.8	5.1	3.8	1.6	0.4	0.1	0.1	0.4	1.6	3.8	5.1	3.8	0.1

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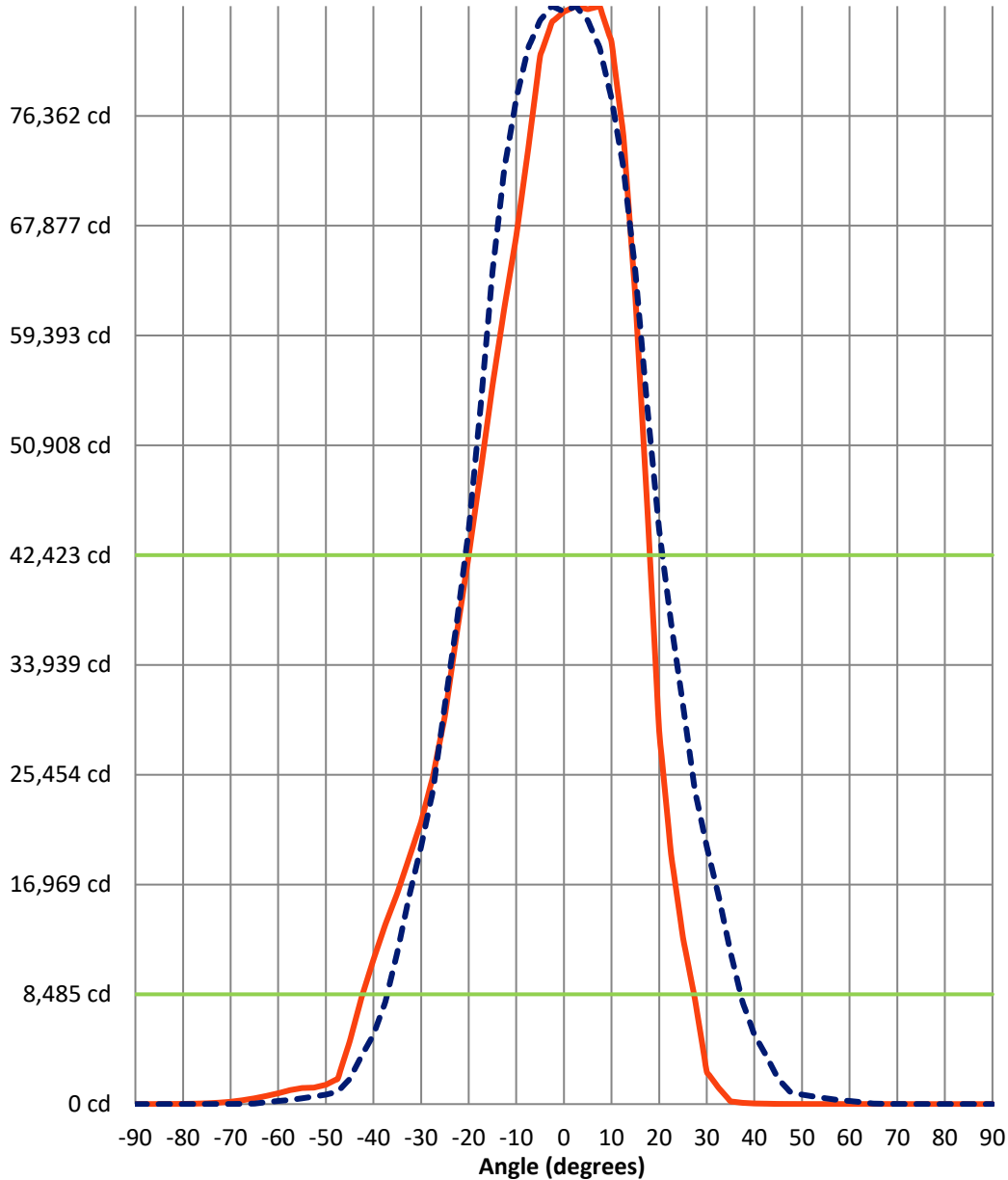
### Luminous Intensity Polar Plot



— 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: 24959.6  
 Efficiency: 55.1%

**Field:**  
 H Angle: 74.2°  
 V Angle: 69.6°  
 Lumens: 42126.5  
 Efficiency: 93.0%

**Spill:**  
 Lumens: 3171.7  
 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	4.2
50°	3.6	3.6	3.6	3.6	3.6	3.7	4.0	3.8	3.7	4.3	4.8
47.5°	3.6	3.6	3.6	3.6	3.6	3.9	4.1	3.8	4.0	4.6	5.5
45°	3.6	3.6	3.6	3.6	3.6	4.0	4.2	3.9	4.4	5.1	6.0
42.5°	3.6	3.6	3.6	3.6	3.6	4.2	4.2	4.1	4.8	5.5	6.4
40°	3.6	3.6	3.6	3.6	3.7	4.3	4.3	4.5	5.2	5.9	6.8
37.5°	3.6	3.6	3.6	3.6	3.8	4.5	4.3	4.8	5.6	6.3	7.1
35°	3.6	3.6	3.6	3.7	3.9	4.6	4.4	5.1	5.9	6.7	7.6
32.5°	3.6	3.6	3.6	3.7	4.1	4.7	4.5	5.4	6.2	7.2	8.5
30°	3.6	3.6	3.6	3.8	4.2	4.7	4.8	5.7	6.5	7.7	9.7
27.5°	3.6	3.6	3.6	3.9	4.3	4.8	5.0	5.9	6.9	8.2	11.0
25°	3.6	3.6	3.6	3.9	4.5	4.9	5.2	6.2	7.3	9.1	12.6
22.5°	3.6	3.6	3.6	4.0	4.6	4.9	5.4	6.4	7.7	10.2	15.5
20°	3.6	3.6	3.6	4.1	4.7	4.9	5.6	6.6	8.1	11.5	18.6
17.5°	3.6	3.6	3.6	4.2	4.8	4.9	5.8	6.8	8.5	12.7	21.8
15°	3.6	3.6	3.6	4.3	4.8	4.9	5.8	7.0	8.9	14.0	25.2
12.5°	3.6	3.6	3.6	4.4	4.8	4.9	5.9	7.1	9.3	15.3	28.5
10°	3.6	3.6	3.6	4.5	4.9	4.9	6.0	7.2	9.7	16.7	31.8
7.5°	3.6	3.6	3.6	4.6	4.9	4.9	6.0	7.2	10.0	18.1	34.9
5°	3.6	3.6	3.6	4.7	4.9	4.9	6.1	7.3	10.4	19.5	37.8
2.5°	3.6	3.6	3.6	4.8	4.9	4.9	6.1	7.3	10.7	20.7	40.3
0°	3.6	3.6	3.6	4.9	4.9	4.9	6.1	7.3	10.9	21.8	42.5
-2.5°	3.6	3.6	3.7	4.9	4.9	5.0	6.4	8.6	14.6	28.5	53.0
-5°	3.6	3.6	3.7	4.9	4.9	5.2	6.7	9.9	18.1	34.8	62.8
-7.5°	3.6	3.6	3.8	4.9	4.9	5.3	7.0	11.1	21.4	40.6	71.8
-10°	3.6	3.6	3.8	4.9	4.9	5.4	7.2	12.1	24.2	45.8	79.8
-12.5°	3.6	3.6	3.9	4.8	4.9	5.5	7.4	12.9	26.6	50.3	87.4
-15°	3.6	3.6	3.9	4.8	4.9	5.6	7.6	13.5	28.8	54.6	93.9
-17.5°	3.6	3.6	4.0	4.8	4.9	5.6	7.7	14.5	30.9	57.9	98.7
-20°	3.6	3.6	4.0	4.8	4.9	5.6	8.0	15.7	32.4	60.1	101.5



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 CATALOG NUMBER: EPH-08-320L-57-70-5S-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	4.8	4.9	5.6	8.6	16.6	33.1	61.0	102.1
-25°	3.6	3.6	4.0	4.8	4.9	5.7	9.0	17.0	33.1	60.7	100.5
-27.5°	3.6	3.6	4.1	4.8	4.9	5.8	9.3	17.1	32.2	59.6	99.9
-30°	3.6	3.6	4.1	4.8	4.9	5.9	9.3	16.7	31.6	58.5	97.5
-32.5°	3.6	3.6	4.1	4.8	5.0	5.8	9.1	16.5	31.1	56.2	93.2
-35°	3.6	3.6	4.1	4.8	5.0	5.7	8.9	16.3	30.0	52.7	87.1
-37.5°	3.6	3.6	4.1	4.8	5.1	5.5	8.7	15.7	28.2	48.0	79.1
-40°	3.6	3.6	4.0	4.9	5.1	5.6	8.4	14.7	25.7	44.5	71.3
-42.5°	3.6	3.6	4.0	4.9	5.1	5.6	7.9	13.3	23.7	40.4	62.5
-45°	3.6	3.6	4.0	4.9	5.1	5.6	7.3	12.0	21.7	35.6	53.4
-47.5°	3.6	3.6	3.9	4.9	5.1	5.6	6.5	11.1	19.2	30.4	47.5
-50°	3.6	3.6	3.9	4.8	5.1	5.6	6.3	9.9	16.1	26.8	41.1
-52.5°	3.6	3.6	3.8	4.7	5.1	5.5	6.3	8.5	13.9	22.8	34.3
-55°	3.6	3.6	3.8	4.6	5.0	5.4	6.2	7.1	12.0	18.4	29.2
-57.5°	3.6	3.6	3.7	4.5	5.0	5.4	6.0	6.9	9.9	15.4	23.6
-60°	3.6	3.6	3.6	4.3	4.9	5.2	5.8	6.7	8.1	12.7	18.5
-62.5°	3.6	3.6	3.6	4.2	4.8	5.1	5.6	6.4	7.6	9.8	15.0
-65°	3.6	3.6	3.6	4.1	4.7	5.0	5.4	6.1	7.1	8.6	11.3
-67.5°	3.6	3.6	3.6	4.0	4.5	4.9	5.2	5.8	6.5	7.8	9.4
-70°	3.6	3.6	3.6	3.9	4.4	4.8	4.9	5.5	6.2	6.9	8.2
-72.5°	3.6	3.6	3.6	3.9	4.3	4.7	4.9	5.2	5.8	6.5	7.1
-75°	3.6	3.6	3.6	3.8	4.2	4.6	4.9	5.1	5.5	6.0	6.6
-77.5°	3.6	3.6	3.6	3.8	4.1	4.6	4.9	5.0	5.3	5.7	6.2
-80°	3.6	3.6	3.6	3.8	4.0	4.4	4.9	5.0	5.1	5.4	5.7
-82.5°	3.6	3.6	3.6	3.7	3.9	4.2	4.6	4.8	4.9	5.0	5.2
-85°	3.6	3.6	3.6	3.7	3.8	4.0	4.3	4.4	4.5	4.6	4.7
-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	3.9	4.0	4.0	3.9
72.5°	3.5	3.4	3.4	3.6	3.6	3.8	4.2	4.6	4.9	4.8	4.8
70°	3.6	3.6	3.6	3.6	3.7	4.1	4.8	5.4	5.8	6.0	6.6
67.5°	3.6	3.6	3.6	3.7	4.1	4.8	5.5	6.9	8.7	9.4	10.1
65°	3.6	3.6	3.8	4.2	4.8	5.8	7.3	9.4	12.9	14.6	15.4
62.5°	3.6	3.7	4.0	4.7	5.5	6.7	9.8	13.8	18.3	20.8	20.3
60°	3.6	3.8	4.6	5.5	6.5	9.2	13.2	17.8	23.6	27.7	24.9
57.5°	3.7	4.3	5.5	6.7	8.7	11.4	15.4	21.0	26.9	33.2	28.7
55°	4.2	5.3	6.5	8.1	10.3	12.3	16.4	21.6	28.2	32.2	28.2
52.5°	5.1	6.2	7.3	9.2	11.3	12.9	15.3	20.2	24.1	27.3	25.2
50°	5.9	6.7	7.9	10.0	11.9	12.9	12.7	16.5	19.7	21.1	21.4
47.5°	6.4	7.2	8.6	10.8	12.3	12.5	11.4	13.3	15.7	17.2	16.8
45°	6.8	8.0	9.5	11.4	12.5	12.1	11.9	11.2	14.2	15.5	15.8
42.5°	7.3	8.9	10.7	12.1	12.6	13.3	13.6	13.6	15.2	18.2	19.7
40°	8.0	9.7	12.2	13.4	13.6	15.7	17.9	19.5	20.6	24.7	27.7
37.5°	8.7	11.3	14.2	16.3	16.6	20.3	23.7	34.4	36.6	33.5	44.0
35°	9.4	13.0	17.9	23.0	26.0	26.9	41.7	56.2	62.5	61.2	70.1
32.5°	10.7	14.9	22.8	34.4	45.9	48.9	64.7	89.3	111.3	120.2	114.7
30°	12.8	19.4	30.5	48.9	75.0	103.6	108.1	135.5	179.9	216.1	270.3
27.5°	16.0	25.2	44.4	75.5	117.2	175.9	190.3	214.0	280.1	371.0	545.6
25°	19.6	40.2	60.3	111.0	188.2	257.0	284.1	328.8	405.4	699.4	1101.4
22.5°	27.6	60.1	92.9	151.8	270.9	342.0	390.9	466.0	648.2	1117.5	1900.0
20°	42.0	87.9	134.0	203.4	358.5	431.6	497.4	611.6	1018.4	1891.1	3162.9
17.5°	58.9	117.8	176.6	265.5	405.7	505.7	607.6	761.0	1406.9	2793.3	4483.0
15°	77.8	149.5	216.6	319.3	447.0	554.6	696.7	1050.3	2023.6	3823.4	5695.6
12.5°	98.1	182.1	254.0	365.3	485.3	600.5	769.8	1297.6	2666.5	4759.2	6941.4
10°	118.9	215.1	289.0	404.0	520.5	643.0	836.0	1523.6	3119.8	5110.2	7538.2
7.5°	131.8	235.8	317.3	436.2	552.2	681.8	894.8	1723.2	3440.5	5287.3	7784.1
5°	141.5	241.0	320.1	445.6	572.5	712.7	940.5	1890.5	3639.9	5312.4	7860.0
2.5°	149.0	243.1	320.6	448.5	584.8	733.6	956.2	1945.9	3731.2	5361.0	7912.5
0°	154.0	242.6	319.0	447.5	593.1	749.5	961.8	1956.3	3733.2	5392.4	7932.1
-2.5°	162.2	251.3	335.2	466.3	602.5	752.9	969.7	2011.4	3914.3	5731.9	8530.7
-5°	168.1	257.7	348.7	481.0	608.0	751.2	968.4	2014.4	3937.0	5810.6	8555.0
-7.5°	171.7	262.0	358.9	489.7	603.2	732.4	935.3	1851.6	3590.6	5454.3	7973.7
-10°	173.9	267.5	366.1	484.6	585.2	701.4	888.3	1650.3	3176.3	4995.9	7271.3
-12.5°	177.9	274.0	370.8	478.7	568.5	667.2	833.0	1416.1	2705.9	4435.5	6457.3
-15°	179.1	278.2	373.2	473.0	554.4	630.5	769.7	1153.8	2234.3	3943.6	5651.5
-17.5°	177.5	280.2	373.3	468.2	544.5	591.7	705.0	927.0	1882.8	3466.0	5042.0
-20°	173.1	280.0	371.3	465.4	538.3	579.0	683.7	877.6	1580.8	2906.6	4466.1



REPORT NUMBER: P1305561 (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°	165.6	277.7	367.7	460.4	537.7	590.7	665.6	815.4	1201.8	2260.6	3869.2
-25°	160.7	267.2	362.1	447.7	534.1	603.3	646.1	748.8	964.5	1767.2	3064.8
-27.5°	158.4	253.2	345.3	429.5	524.7	610.6	649.8	724.6	877.2	1225.3	2217.4
-30°	153.1	229.6	325.1	406.6	502.7	596.0	664.2	699.6	798.2	1001.0	1584.6
-32.5°	142.3	205.5	298.3	381.7	472.3	574.6	666.7	701.7	765.4	882.2	1100.9
-35°	130.0	190.0	269.2	352.9	435.8	539.5	636.9	711.5	739.5	824.0	976.7
-37.5°	119.1	172.0	239.4	320.7	401.0	496.3	603.5	690.2	747.8	784.9	897.7
-40°	106.5	151.3	214.8	287.8	365.7	452.7	551.9	653.2	734.8	805.0	852.3
-42.5°	92.7	135.4	189.4	254.8	330.0	410.7	496.6	596.8	701.2	801.2	874.3
-45°	81.9	117.7	162.6	224.1	292.1	366.7	447.1	531.8	640.9	753.5	855.6
-47.5°	70.0	99.8	140.9	190.7	253.7	322.0	395.0	475.0	565.0	673.4	790.5
-50°	58.5	85.3	117.0	161.5	214.1	276.1	342.9	412.8	492.4	582.6	685.7
-52.5°	50.7	69.7	98.0	131.9	177.2	229.8	288.8	350.5	418.5	492.6	577.3
-55°	42.2	58.6	79.1	107.1	141.2	186.2	234.3	289.1	345.5	410.0	475.2
-57.5°	34.7	48.3	64.2	84.8	112.0	143.0	184.9	228.1	278.2	330.3	382.3
-60°	27.7	38.5	51.6	67.3	85.8	111.3	137.9	174.0	214.1	253.3	296.7
-62.5°	20.8	29.6	39.9	52.2	67.3	82.2	103.3	128.0	154.3	186.6	218.4
-65°	16.4	21.4	29.2	39.1	49.8	62.5	75.7	89.1	110.1	131.1	151.0
-67.5°	11.8	16.3	20.9	26.5	35.5	44.5	53.9	65.6	77.3	88.3	101.2
-70°	9.8	11.5	15.1	19.2	23.2	28.1	35.9	44.1	52.4	60.6	69.9
-72.5°	8.2	9.6	11.2	12.9	16.1	19.3	22.5	25.5	30.7	37.5	44.0
-75°	7.1	7.8	9.0	10.3	11.7	13.0	14.5	17.1	19.7	22.3	24.9
-77.5°	6.5	6.9	7.5	8.1	8.9	10.0	11.1	12.2	13.2	14.2	15.2
-80°	5.9	6.1	6.4	6.8	7.2	7.8	8.4	9.0	9.7	10.5	11.4
-82.5°	5.4	5.5	5.6	5.8	5.9	6.0	6.2	6.5	6.9	7.3	7.8
-85°	4.8	4.9	5.0	5.1	5.2	5.2	5.3	5.4	5.5	5.5	5.6
-87.5°	4.2	4.2	4.3	4.3	4.4	4.4	4.5	4.5	4.6	4.6	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: P1305561 (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°	4.7	4.6	4.5	4.6	4.6	4.5	4.2	3.9	3.5	3.4	3.5
70°	7.0	7.3	7.3	7.2	6.8	6.2	5.8	5.3	4.8	4.6	4.7
67.5°	10.7	10.9	10.5	9.8	8.5	7.4	6.8	6.1	5.3	5.0	5.3
65°	15.2	13.4	12.0	10.7	9.6	8.6	7.8	7.0	6.2	6.1	6.8
62.5°	18.1	14.3	12.1	11.0	10.3	9.6	8.5	7.5	6.6	6.2	6.3
60°	20.7	15.2	11.5	10.5	9.6	8.6	7.5	6.6	5.8	5.3	5.1
57.5°	21.9	15.5	10.5	9.2	7.9	6.6	6.0	5.8	5.4	4.9	5.2
55°	21.1	14.4	9.0	8.0	7.6	7.3	7.1	6.5	6.0	5.7	5.9
52.5°	18.0	13.2	9.6	8.3	8.0	7.6	7.3	7.1	7.0	6.9	7.0
50°	16.1	12.3	9.8	8.4	8.4	8.4	8.4	8.5	8.7	8.8	8.8
47.5°	14.4	11.5	11.0	9.6	9.8	10.6	10.7	10.9	11.5	11.5	11.2
45°	14.3	15.4	15.1	14.3	13.7	19.1	19.5	16.3	19.4	19.0	16.6
42.5°	21.0	22.5	22.9	28.1	38.0	37.5	36.5	41.3	38.1	33.3	29.9
40°	32.6	32.5	38.7	47.5	47.2	45.3	51.4	52.1	51.7	54.5	53.6
37.5°	51.8	52.5	55.3	60.6	69.8	65.4	78.6	87.0	88.4	100.1	109.2
35°	86.3	101.1	87.9	119.4	140.0	135.6	154.7	188.9	156.6	239.8	254.9
32.5°	161.7	195.0	220.6	256.6	303.1	371.8	376.8	620.0	668.6	812.2	1008.5
30°	278.4	374.9	560.4	608.9	683.7	968.2	1304.7	1725.7	2117.1	2396.7	2764.4
27.5°	670.3	829.8	1229.3	1663.5	1638.2	2169.9	3373.4	3743.6	4759.8	5097.9	5955.7
25°	1499.3	1881.2	2848.3	3710.3	4149.6	5550.6	7138.4	7854.5	9193.2	9905.0	10955.1
22.5°	2931.9	3979.7	5262.5	6586.2	8235.6	10380.8	12343.6	13776.4	15578.9	17026.0	17882.5
20°	4745.5	6195.3	8170.9	10227.0	12778.3	15596.5	17645.2	20548.0	23259.0	25833.3	26994.5
17.5°	6472.5	8894.8	11284.9	13766.6	17113.3	20799.7	24138.8	28384.2	32879.4	36336.2	39154.2
15°	7935.8	10631.1	14079.6	17045.6	20876.2	25473.2	30437.3	35864.8	42329.4	47242.8	52534.2
12.5°	9286.6	11989.2	15730.8	19273.1	24431.1	29623.1	35416.0	42159.9	49632.9	56901.1	63719.1
10°	10156.2	13271.0	17280.5	21584.1	26867.7	32896.6	39486.3	47041.2	56617.9	64927.3	72608.5
7.5°	10682.3	14440.1	18591.8	23180.8	28836.9	35040.9	41980.8	50887.1	60949.3	69628.7	76529.3
5°	11199.7	15397.9	19438.3	23950.5	30118.7	36431.8	43201.0	52134.8	62513.0	71200.7	77397.4
2.5°	11718.6	16057.2	19903.2	24256.8	30846.5	37217.9	44384.7	53902.6	64334.3	72313.2	77696.2
0°	12192.9	16292.4	20070.5	24333.7	31163.3	37561.2	44857.8	54256.3	65893.7	73567.5	78779.2
-2.5°	12364.9	16279.6	19889.6	24116.6	30898.8	37091.3	44353.2	54481.9	65341.9	73150.4	78442.4
-5°	11841.8	15394.4	18907.5	23188.9	29493.6	35885.5	43196.3	53239.6	63548.6	71632.4	76678.7
-7.5°	10858.2	14068.1	17523.6	21766.2	27494.6	33671.4	40326.6	49099.2	59248.2	66779.0	70753.6
-10°	9828.8	12581.9	15846.3	19773.0	24821.0	30686.9	36203.4	43668.0	53048.3	59724.7	63792.3
-12.5°	8651.9	10886.0	13899.0	17331.1	21837.1	26951.1	31996.7	38310.4	45474.2	52341.1	56575.8
-15°	7416.5	9214.4	11832.3	15125.7	18684.3	22509.3	27175.2	32289.6	38001.8	43567.9	48391.9
-17.5°	6427.5	7815.0	10217.3	13177.1	15890.5	18993.6	23541.3	27699.0	31879.5	36368.5	40387.3
-20°	5791.5	7093.9	9034.4	11505.6	14197.4	17325.5	20839.7	24476.2	28362.2	31808.8	35350.9



REPORT NUMBER: P1305561 (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°	5283.8	6622.5	8119.7	10179.3	13044.4	15918.1	18621.6	21404.4	24628.5	28149.0	31116.3
-25°	4624.4	6028.2	7450.7	9409.6	11821.8	14361.9	16352.2	18333.6	21242.6	24236.6	26689.6
-27.5°	3707.4	5294.6	6955.3	8549.8	10606.1	12412.6	14161.6	15957.3	18493.9	21021.2	22854.0
-30°	2645.6	4478.8	6203.6	7832.8	9244.6	10667.1	12129.9	13968.1	16088.5	18122.1	19680.0
-32.5°	1935.8	3309.5	5174.7	6837.6	8219.2	9410.0	10533.4	12169.1	13828.0	15458.5	16947.7
-35°	1235.3	2239.3	3692.7	5386.0	7008.1	8272.3	9493.8	10678.9	11925.6	13315.4	14604.0
-37.5°	1063.6	1333.5	2226.4	3489.7	5044.3	6696.4	7897.3	9077.1	10349.8	11393.8	12477.2
-40°	963.9	1104.9	1331.1	1779.2	2953.0	4118.5	5467.8	6729.6	7946.1	9017.8	10007.8
-42.5°	920.4	1004.8	1096.1	1266.1	1455.6	2014.3	2998.0	3916.8	4999.5	6075.2	7014.8
-45°	942.4	971.4	1017.9	1101.5	1179.0	1336.4	1502.2	1675.3	2415.2	3191.0	3855.7
-47.5°	882.1	966.6	1011.7	1048.0	1087.9	1156.4	1227.2	1323.7	1490.5	1659.5	1793.5
-50°	782.0	872.0	951.1	1029.1	1066.8	1094.1	1123.4	1179.9	1257.3	1336.9	1395.5
-52.5°	657.5	744.6	831.6	910.5	974.9	1037.2	1098.7	1144.9	1185.4	1225.4	1244.7
-55°	546.1	618.7	688.9	760.0	830.1	896.7	964.8	1034.2	1098.6	1158.1	1187.5
-57.5°	441.3	502.3	562.6	616.9	672.8	729.7	792.8	860.1	926.8	989.0	1021.2
-60°	342.0	388.7	438.1	482.3	523.9	562.8	617.4	672.6	725.5	770.6	794.6
-62.5°	250.1	286.3	323.8	358.9	392.2	425.3	466.3	506.3	544.8	575.8	593.9
-65°	173.3	200.3	225.5	249.8	273.3	301.6	332.7	362.6	391.0	412.2	424.2
-67.5°	118.3	134.3	148.4	161.5	178.5	198.3	220.1	240.6	259.7	273.6	282.8
-70°	79.0	87.8	95.5	104.4	115.1	126.0	137.8	149.4	160.7	168.5	173.3
-72.5°	50.1	55.7	60.9	67.1	72.8	78.6	84.3	89.6	94.5	99.0	103.2
-75°	27.5	30.4	34.6	38.5	42.0	45.9	49.7	53.0	55.9	57.9	59.4
-77.5°	16.8	18.7	20.4	22.0	23.3	25.0	26.9	28.9	30.9	32.2	33.3
-80°	12.2	12.8	13.4	14.0	14.7	15.2	15.7	16.0	16.3	16.8	17.3
-82.5°	8.3	8.6	9.0	9.3	9.5	10.1	10.6	11.1	11.6	12.0	12.4
-85°	5.7	5.6	5.6	5.6	5.6	6.0	6.3	6.7	7.0	7.1	7.2
-87.5°	4.7	4.4	4.2	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: P1305561 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-57-70-5S-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°	4.8	4.9	4.9	4.9	4.9	4.9	4.8	4.7	4.6	4.8	5.3
67.5°	5.7	6.0	6.1	6.1	6.1	6.0	5.7	5.3	5.0	5.3	6.1
65°	7.5	8.3	7.9	7.3	7.9	8.3	7.5	6.8	6.1	6.2	7.0
62.5°	6.3	6.2	6.1	6.1	6.1	6.2	6.3	6.3	6.2	6.6	7.5
60°	5.0	5.0	4.9	4.9	4.9	5.0	5.0	5.1	5.3	5.8	6.6
57.5°	5.5	5.9	6.1	6.1	6.1	5.9	5.5	5.2	4.9	5.4	5.8
55°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	5.9	5.7	6.0	6.5
52.5°	7.1	7.2	7.3	7.3	7.3	7.2	7.1	7.0	6.9	7.0	7.1
50°	8.8	8.6	8.5	8.5	8.5	8.6	8.8	8.8	8.8	8.7	8.5
47.5°	11.1	10.9	10.9	10.9	10.9	10.9	11.1	11.2	11.5	11.5	10.9
45°	16.6	16.1	15.7	15.8	15.7	16.1	16.6	16.6	19.0	19.4	16.3
42.5°	31.7	32.9	34.2	36.4	34.2	32.9	31.7	29.9	33.3	38.1	41.3
40°	54.1	52.5	50.5	50.9	50.5	52.5	54.1	53.6	54.5	51.7	52.1
37.5°	112.5	108.3	100.1	94.6	100.1	108.3	112.5	109.2	100.1	88.4	87.0
35°	231.2	225.7	212.5	208.6	212.5	225.7	231.2	254.9	239.8	156.6	188.9
32.5°	1088.4	1213.2	1252.4	1254.1	1252.4	1213.2	1088.4	1008.5	812.2	668.6	620.0
30°	2793.1	2762.7	2493.2	2215.9	2493.2	2762.7	2793.1	2764.4	2396.7	2117.1	1725.7
27.5°	6722.0	7543.2	8136.3	7944.3	8136.3	7543.2	6722.0	5955.7	5097.9	4759.8	3743.6
25°	12106.9	12688.1	12878.8	12595.6	12878.8	12688.1	12106.9	10955.1	9905.0	9193.2	7854.5
22.5°	19007.7	19356.7	19326.3	18689.0	19326.3	19356.7	19007.7	17882.5	17026.0	15578.9	13776.4
20°	28624.0	28568.3	28854.3	27557.5	28854.3	28568.3	28624.0	26994.5	25833.3	23259.0	20548.0
17.5°	42224.9	44458.8	46159.6	45996.7	46159.6	44458.8	42224.9	39154.2	36336.2	32879.4	28384.2
15°	56672.8	60048.1	62355.2	62504.9	62355.2	60048.1	56672.8	52534.2	47242.8	42329.4	35864.8
12.5°	69231.8	72841.5	74800.9	74503.2	74800.9	72841.5	69231.8	63719.1	56901.1	49632.9	42159.9
10°	77232.4	80010.8	82072.9	82585.1	82072.9	80010.8	77232.4	72608.5	64927.3	56617.9	47041.2
7.5°	80440.5	83040.8	84838.4	84811.4	84838.4	83040.8	80440.5	76529.3	69628.7	60949.3	50887.1
5°	81034.1	83594.4	84611.8	84804.7	84611.8	83594.4	81034.1	77397.4	71200.7	62513.0	52134.8
2.5°	81618.0	83740.7	84846.5	84426.3	84846.5	83740.7	81618.0	77696.2	72313.2	64334.3	53902.6
0°	81846.5	83548.1	84412.3	84144.9	84412.3	83548.1	81846.5	78779.2	73567.5	65893.7	54256.3
-2.5°	81768.2	82887.5	83619.1	83366.2	83619.1	82887.5	81768.2	78442.4	73150.4	65341.9	54481.9
-5°	79675.8	80639.7	80980.6	81167.3	80980.6	80639.7	79675.8	76678.7	71632.4	63548.6	53239.6
-7.5°	72951.5	74218.5	73811.0	74425.5	73811.0	74218.5	72951.5	70753.6	66779.0	59248.2	49099.2
-10°	66299.2	67532.2	67109.2	67505.6	67109.2	67532.2	66299.2	63792.3	59724.7	53048.3	43668.0
-12.5°	60026.4	61577.3	61554.3	62116.8	61554.3	61577.3	60026.4	56575.8	52341.1	45474.2	38310.4
-15°	52484.9	54460.2	55535.9	56225.9	55535.9	54460.2	52484.9	48391.9	43567.9	38001.8	32289.6
-17.5°	44518.5	47058.6	48868.3	49146.5	48868.3	47058.6	44518.5	40387.3	36368.5	31879.5	27699.0
-20°	38394.0	40684.0	42387.2	42936.6	42387.2	40684.0	38394.0	35350.9	31808.8	28362.2	24476.2



REPORT NUMBER: P1305561 (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°	33263.5	35153.2	36384.7	36687.9	36384.7	35153.2	33263.5	31116.3	28149.0	24628.5	21404.4
-25°	28296.9	29353.5	29999.9	30244.0	29999.9	29353.5	28296.9	26689.6	24236.6	21242.6	18333.6
-27.5°	24254.7	25008.3	25331.0	25458.0	25331.0	25008.3	24254.7	22854.0	21021.2	18493.9	15957.3
-30°	20871.0	21449.7	21804.3	21935.9	21804.3	21449.7	20871.0	19680.0	18122.1	16088.5	13968.1
-32.5°	18085.6	18661.6	19035.3	19169.3	19035.3	18661.6	18085.6	16947.7	15458.5	13828.0	12169.1
-35°	15477.6	15953.7	16294.2	16452.5	16294.2	15953.7	15477.6	14604.0	13315.4	11925.6	10678.9
-37.5°	13172.3	13601.9	13885.4	13973.4	13885.4	13601.9	13172.3	12477.2	11393.8	10349.8	9077.1
-40°	10565.6	10953.2	11168.9	11158.3	11168.9	10953.2	10565.6	10007.8	9017.8	7946.1	6729.6
-42.5°	7570.0	7961.6	8238.4	8446.4	8238.4	7961.6	7570.0	7014.8	6075.2	4999.5	3916.8
-45°	4300.7	4622.4	4829.6	4926.7	4829.6	4622.4	4300.7	3855.7	3191.0	2415.2	1675.3
-47.5°	1873.1	1931.5	1960.8	1961.2	1960.8	1931.5	1873.1	1793.5	1659.5	1490.5	1323.7
-50°	1438.0	1474.7	1495.9	1501.5	1495.9	1474.7	1438.0	1395.5	1336.9	1257.3	1179.9
-52.5°	1258.2	1270.9	1276.6	1277.1	1276.6	1270.9	1258.2	1244.7	1225.4	1185.4	1144.9
-55°	1212.4	1233.5	1242.0	1240.8	1242.0	1233.5	1212.4	1187.5	1158.1	1098.6	1034.2
-57.5°	1048.1	1069.2	1081.4	1085.5	1081.4	1069.2	1048.1	1021.2	989.0	926.8	860.1
-60°	813.2	826.4	837.9	845.4	837.9	826.4	813.2	794.6	770.6	725.5	672.6
-62.5°	608.6	619.7	630.4	638.0	630.4	619.7	608.6	593.9	575.8	544.8	506.3
-65°	432.9	438.4	447.3	454.8	447.3	438.4	432.9	424.2	412.2	391.0	362.6
-67.5°	290.0	295.3	298.5	299.6	298.5	295.3	290.0	282.8	273.6	259.7	240.6
-70°	176.7	178.6	182.4	185.6	182.4	178.6	176.7	173.3	168.5	160.7	149.4
-72.5°	106.9	110.1	110.1	109.2	110.1	110.1	106.9	103.2	99.0	94.5	89.6
-75°	60.5	61.3	61.7	61.9	61.7	61.3	60.5	59.4	57.9	55.9	53.0
-77.5°	34.1	34.9	34.5	34.0	34.5	34.9	34.1	33.3	32.2	30.9	28.9
-80°	17.7	18.1	18.2	18.2	18.2	18.1	17.7	17.3	16.8	16.3	16.0
-82.5°	12.8	13.2	12.7	12.1	12.7	13.2	12.8	12.4	12.0	11.6	11.1
-85°	7.2	7.3	7.3	7.3	7.3	7.3	7.2	7.2	7.1	7.0	6.7
-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	3.9
72.5°	4.2	4.5	4.6	4.6	4.5	4.6	4.7	4.8	4.8	4.9	4.6
70°	5.8	6.2	6.8	7.2	7.3	7.3	7.0	6.6	6.0	5.8	5.4
67.5°	6.8	7.4	8.5	9.8	10.5	10.9	10.7	10.1	9.4	8.7	6.9
65°	7.8	8.6	9.6	10.7	12.0	13.4	15.2	15.4	14.6	12.9	9.4
62.5°	8.5	9.6	10.3	11.0	12.1	14.3	18.1	20.3	20.8	18.3	13.8
60°	7.5	8.6	9.6	10.5	11.5	15.2	20.7	24.9	27.7	23.6	17.8
57.5°	6.0	6.6	7.9	9.2	10.5	15.5	21.9	28.7	33.2	26.9	21.0
55°	7.1	7.3	7.6	8.0	9.0	14.4	21.1	28.2	32.2	28.2	21.6
52.5°	7.3	7.6	8.0	8.3	9.6	13.2	18.0	25.2	27.3	24.1	20.2
50°	8.4	8.4	8.4	8.4	9.8	12.3	16.1	21.4	21.1	19.7	16.5
47.5°	10.7	10.6	9.8	9.6	11.0	11.5	14.4	16.8	17.2	15.7	13.3
45°	19.5	19.1	13.7	14.3	15.1	15.4	14.3	15.8	15.5	14.2	11.2
42.5°	36.5	37.5	38.0	28.1	22.9	22.5	21.0	19.7	18.2	15.2	13.6
40°	51.4	45.3	47.2	47.5	38.7	32.5	32.6	27.7	24.7	20.6	19.5
37.5°	78.6	65.4	69.8	60.6	55.3	52.5	51.8	44.0	33.5	36.6	34.4
35°	154.7	135.6	140.0	119.4	87.9	101.1	86.3	70.1	61.2	62.5	56.2
32.5°	376.8	371.8	303.1	256.6	220.6	195.0	161.7	114.7	120.2	111.3	89.3
30°	1304.7	968.2	683.7	608.9	560.4	374.9	278.4	270.3	216.1	179.9	135.5
27.5°	3373.4	2169.9	1638.2	1663.5	1229.3	829.8	670.3	545.6	371.0	280.1	214.0
25°	7138.4	5550.6	4149.6	3710.3	2848.3	1881.2	1499.3	1101.4	699.4	405.4	328.8
22.5°	12343.6	10380.8	8235.6	6586.2	5262.5	3979.7	2931.9	1900.0	1117.5	648.2	466.0
20°	17645.2	15596.5	12778.3	10227.0	8170.9	6195.3	4745.5	3162.9	1891.1	1018.4	611.6
17.5°	24138.8	20799.7	17113.3	13766.6	11284.9	8894.8	6472.5	4483.0	2793.3	1406.9	761.0
15°	30437.3	25473.2	20876.2	17045.6	14079.6	10631.1	7935.8	5695.6	3823.4	2023.6	1050.3
12.5°	35416.0	29623.1	24431.1	19273.1	15730.8	11989.2	9286.6	6941.4	4759.2	2666.5	1297.6
10°	39486.3	32896.6	26867.7	21584.1	17280.5	13271.0	10156.2	7538.2	5110.2	3119.8	1523.6
7.5°	41980.8	35040.9	28836.9	23180.8	18591.8	14440.1	10682.3	7784.1	5287.3	3440.5	1723.2
5°	43201.0	36431.8	30118.7	23950.5	19438.3	15397.9	11199.7	7860.0	5312.4	3639.9	1890.5
2.5°	44384.7	37217.9	30846.5	24256.8	19903.2	16057.2	11718.6	7912.5	5361.0	3731.2	1945.9
0°	44857.8	37561.2	31163.3	24333.7	20070.5	16292.4	12192.9	7932.1	5392.4	3733.2	1956.3
-2.5°	44353.2	37091.3	30898.8	24116.6	19889.6	16279.6	12364.9	8530.7	5731.9	3914.3	2011.4
-5°	43196.3	35885.5	29493.6	23188.9	18907.5	15394.4	11841.8	8555.0	5810.6	3937.0	2014.4
-7.5°	40326.6	33671.4	27494.6	21766.2	17523.6	14068.1	10858.2	7973.7	5454.3	3590.6	1851.6
-10°	36203.4	30686.9	24821.0	19773.0	15846.3	12581.9	9828.8	7271.3	4995.9	3176.3	1650.3
-12.5°	31996.7	26951.1	21837.1	17331.1	13899.0	10886.0	8651.9	6457.3	4435.5	2705.9	1416.1
-15°	27175.2	22509.3	18684.3	15125.7	11832.3	9214.4	7416.5	5651.5	3943.6	2234.3	1153.8
-17.5°	23541.3	18993.6	15890.5	13177.1	10217.3	7815.0	6427.5	5042.0	3466.0	1882.8	927.0
-20°	20839.7	17325.5	14197.4	11505.6	9034.4	7093.9	5791.5	4466.1	2906.6	1580.8	877.6



REPORT NUMBER: P1305561 (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°	18621.6	15918.1	13044.4	10179.3	8119.7	6622.5	5283.8	3869.2	2260.6	1201.8	815.4
-25°	16352.2	14361.9	11821.8	9409.6	7450.7	6028.2	4624.4	3064.8	1767.2	964.5	748.8
-27.5°	14161.6	12412.6	10606.1	8549.8	6955.3	5294.6	3707.4	2217.4	1225.3	877.2	724.6
-30°	12129.9	10667.1	9244.6	7832.8	6203.6	4478.8	2645.6	1584.6	1001.0	798.2	699.6
-32.5°	10533.4	9410.0	8219.2	6837.6	5174.7	3309.5	1935.8	1100.9	882.2	765.4	701.7
-35°	9493.8	8272.3	7008.1	5386.0	3692.7	2239.3	1235.3	976.7	824.0	739.5	711.5
-37.5°	7897.3	6696.4	5044.3	3489.7	2226.4	1333.5	1063.6	897.7	784.9	747.8	690.2
-40°	5467.8	4118.5	2953.0	1779.2	1331.1	1104.9	963.9	852.3	805.0	734.8	653.2
-42.5°	2998.0	2014.3	1455.6	1266.1	1096.1	1004.8	920.4	874.3	801.2	701.2	596.8
-45°	1502.2	1336.4	1179.0	1101.5	1017.9	971.4	942.4	855.6	753.5	640.9	531.8
-47.5°	1227.2	1156.4	1087.9	1048.0	1011.7	966.6	882.1	790.5	673.4	565.0	475.0
-50°	1123.4	1094.1	1066.8	1029.1	951.1	872.0	782.0	685.7	582.6	492.4	412.8
-52.5°	1098.7	1037.2	974.9	910.5	831.6	744.6	657.5	577.3	492.6	418.5	350.5
-55°	964.8	896.7	830.1	760.0	688.9	618.7	546.1	475.2	410.0	345.5	289.1
-57.5°	792.8	729.7	672.8	616.9	562.6	502.3	441.3	382.3	330.3	278.2	228.1
-60°	617.4	562.8	523.9	482.3	438.1	388.7	342.0	296.7	253.3	214.1	174.0
-62.5°	466.3	425.3	392.2	358.9	323.8	286.3	250.1	218.4	186.6	154.3	128.0
-65°	332.7	301.6	273.3	249.8	225.5	200.3	173.3	151.0	131.1	110.1	89.1
-67.5°	220.1	198.3	178.5	161.5	148.4	134.3	118.3	101.2	88.3	77.3	65.6
-70°	137.8	126.0	115.1	104.4	95.5	87.8	79.0	69.9	60.6	52.4	44.1
-72.5°	84.3	78.6	72.8	67.1	60.9	55.7	50.1	44.0	37.5	30.7	25.5
-75°	49.7	45.9	42.0	38.5	34.6	30.4	27.5	24.9	22.3	19.7	17.1
-77.5°	26.9	25.0	23.3	22.0	20.4	18.7	16.8	15.2	14.2	13.2	12.2
-80°	15.7	15.2	14.7	14.0	13.4	12.8	12.2	11.4	10.5	9.7	9.0
-82.5°	10.6	10.1	9.5	9.3	9.0	8.6	8.3	7.8	7.3	6.9	6.5
-85°	6.3	6.0	5.6	5.6	5.6	5.6	5.7	5.6	5.5	5.5	5.4
-87.5°	3.6	3.6	3.6	3.9	4.2	4.4	4.7	4.6	4.6	4.6	4.5
-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°	4.2	3.8	3.6	3.6	3.4	3.4	3.5	3.6	3.6	3.6	3.6
70°	4.8	4.1	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
67.5°	5.5	4.8	4.1	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.6
65°	7.3	5.8	4.8	4.2	3.8	3.6	3.6	3.6	3.6	3.6	3.6
62.5°	9.8	6.7	5.5	4.7	4.0	3.7	3.6	3.6	3.6	3.6	3.6
60°	13.2	9.2	6.5	5.5	4.6	3.8	3.6	3.6	3.6	3.6	3.6
57.5°	15.4	11.4	8.7	6.7	5.5	4.3	3.7	3.7	3.6	3.6	3.6
55°	16.4	12.3	10.3	8.1	6.5	5.3	4.2	3.9	3.7	3.6	3.7
52.5°	15.3	12.9	11.3	9.2	7.3	6.2	5.1	4.2	3.9	3.6	3.7
50°	12.7	12.9	11.9	10.0	7.9	6.7	5.9	4.8	4.3	3.7	3.8
47.5°	11.4	12.5	12.3	10.8	8.6	7.2	6.4	5.5	4.6	4.0	3.8
45°	11.9	12.1	12.5	11.4	9.5	8.0	6.8	6.0	5.1	4.4	3.9
42.5°	13.6	13.3	12.6	12.1	10.7	8.9	7.3	6.4	5.5	4.8	4.1
40°	17.9	15.7	13.6	13.4	12.2	9.7	8.0	6.8	5.9	5.2	4.5
37.5°	23.7	20.3	16.6	16.3	14.2	11.3	8.7	7.1	6.3	5.6	4.8
35°	41.7	26.9	26.0	23.0	17.9	13.0	9.4	7.6	6.7	5.9	5.1
32.5°	64.7	48.9	45.9	34.4	22.8	14.9	10.7	8.5	7.2	6.2	5.4
30°	108.1	103.6	75.0	48.9	30.5	19.4	12.8	9.7	7.7	6.5	5.7
27.5°	190.3	175.9	117.2	75.5	44.4	25.2	16.0	11.0	8.2	6.9	5.9
25°	284.1	257.0	188.2	111.0	60.3	40.2	19.6	12.6	9.1	7.3	6.2
22.5°	390.9	342.0	270.9	151.8	92.9	60.1	27.6	15.5	10.2	7.7	6.4
20°	497.4	431.6	358.5	203.4	134.0	87.9	42.0	18.6	11.5	8.1	6.6
17.5°	607.6	505.7	405.7	265.5	176.6	117.8	58.9	21.8	12.7	8.5	6.8
15°	696.7	554.6	447.0	319.3	216.6	149.5	77.8	25.2	14.0	8.9	7.0
12.5°	769.8	600.5	485.3	365.3	254.0	182.1	98.1	28.5	15.3	9.3	7.1
10°	836.0	643.0	520.5	404.0	289.0	215.1	118.9	31.8	16.7	9.7	7.2
7.5°	894.8	681.8	552.2	436.2	317.3	235.8	131.8	34.9	18.1	10.0	7.2
5°	940.5	712.7	572.5	445.6	320.1	241.0	141.5	37.8	19.5	10.4	7.3
2.5°	956.2	733.6	584.8	448.5	320.6	243.1	149.0	40.3	20.7	10.7	7.3
0°	961.8	749.5	593.1	447.5	319.0	242.6	154.0	42.5	21.8	10.9	7.3
-2.5°	969.7	752.9	602.5	466.3	335.2	251.3	162.2	53.0	28.5	14.6	8.6
-5°	968.4	751.2	608.0	481.0	348.7	257.7	168.1	62.8	34.8	18.1	9.9
-7.5°	935.3	732.4	603.2	489.7	358.9	262.0	171.7	71.8	40.6	21.4	11.1
-10°	888.3	701.4	585.2	484.6	366.1	267.5	173.9	79.8	45.8	24.2	12.1
-12.5°	833.0	667.2	568.5	478.7	370.8	274.0	177.9	87.4	50.3	26.6	12.9
-15°	769.7	630.5	554.4	473.0	373.2	278.2	179.1	93.9	54.6	28.8	13.5
-17.5°	705.0	591.7	544.5	468.2	373.3	280.2	177.5	98.7	57.9	30.9	14.5
-20°	683.7	579.0	538.3	465.4	371.3	280.0	173.1	101.5	60.1	32.4	15.7



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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°	665.6	590.7	537.7	460.4	367.7	277.7	165.6	102.1	61.0	33.1	16.6
-25°	646.1	603.3	534.1	447.7	362.1	267.2	160.7	100.5	60.7	33.1	17.0
-27.5°	649.8	610.6	524.7	429.5	345.3	253.2	158.4	99.9	59.6	32.2	17.1
-30°	664.2	596.0	502.7	406.6	325.1	229.6	153.1	97.5	58.5	31.6	16.7
-32.5°	666.7	574.6	472.3	381.7	298.3	205.5	142.3	93.2	56.2	31.1	16.5
-35°	636.9	539.5	435.8	352.9	269.2	190.0	130.0	87.1	52.7	30.0	16.3
-37.5°	603.5	496.3	401.0	320.7	239.4	172.0	119.1	79.1	48.0	28.2	15.7
-40°	551.9	452.7	365.7	287.8	214.8	151.3	106.5	71.3	44.5	25.7	14.7
-42.5°	496.6	410.7	330.0	254.8	189.4	135.4	92.7	62.5	40.4	23.7	13.3
-45°	447.1	366.7	292.1	224.1	162.6	117.7	81.9	53.4	35.6	21.7	12.0
-47.5°	395.0	322.0	253.7	190.7	140.9	99.8	70.0	47.5	30.4	19.2	11.1
-50°	342.9	276.1	214.1	161.5	117.0	85.3	58.5	41.1	26.8	16.1	9.9
-52.5°	288.8	229.8	177.2	131.9	98.0	69.7	50.7	34.3	22.8	13.9	8.5
-55°	234.3	186.2	141.2	107.1	79.1	58.6	42.2	29.2	18.4	12.0	7.1
-57.5°	184.9	143.0	112.0	84.8	64.2	48.3	34.7	23.6	15.4	9.9	6.9
-60°	137.9	111.3	85.8	67.3	51.6	38.5	27.7	18.5	12.7	8.1	6.7
-62.5°	103.3	82.2	67.3	52.2	39.9	29.6	20.8	15.0	9.8	7.6	6.4
-65°	75.7	62.5	49.8	39.1	29.2	21.4	16.4	11.3	8.6	7.1	6.1
-67.5°	53.9	44.5	35.5	26.5	20.9	16.3	11.8	9.4	7.8	6.5	5.8
-70°	35.9	28.1	23.2	19.2	15.1	11.5	9.8	8.2	6.9	6.2	5.5
-72.5°	22.5	19.3	16.1	12.9	11.2	9.6	8.2	7.1	6.5	5.8	5.2
-75°	14.5	13.0	11.7	10.3	9.0	7.8	7.1	6.6	6.0	5.5	5.1
-77.5°	11.1	10.0	8.9	8.1	7.5	6.9	6.5	6.2	5.7	5.3	5.0
-80°	8.4	7.8	7.2	6.8	6.4	6.1	5.9	5.7	5.4	5.1	5.0
-82.5°	6.2	6.0	5.9	5.8	5.6	5.5	5.4	5.2	5.0	4.9	4.8
-85°	5.3	5.2	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4
-87.5°	4.5	4.4	4.4	4.3	4.3	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°	4.0	3.7	3.6	3.6	3.6	3.6	3.6
47.5°	4.1	3.9	3.6	3.6	3.6	3.6	3.6
45°	4.2	4.0	3.6	3.6	3.6	3.6	3.6
42.5°	4.2	4.2	3.6	3.6	3.6	3.6	3.6
40°	4.3	4.3	3.7	3.6	3.6	3.6	3.6
37.5°	4.3	4.5	3.8	3.6	3.6	3.6	3.6
35°	4.4	4.6	3.9	3.7	3.6	3.6	3.6
32.5°	4.5	4.7	4.1	3.7	3.6	3.6	3.6
30°	4.8	4.7	4.2	3.8	3.6	3.6	3.6
27.5°	5.0	4.8	4.3	3.9	3.6	3.6	3.6
25°	5.2	4.9	4.5	3.9	3.6	3.6	3.6
22.5°	5.4	4.9	4.6	4.0	3.6	3.6	3.6
20°	5.6	4.9	4.7	4.1	3.6	3.6	3.6
17.5°	5.8	4.9	4.8	4.2	3.6	3.6	3.6
15°	5.8	4.9	4.8	4.3	3.6	3.6	3.6
12.5°	5.9	4.9	4.8	4.4	3.6	3.6	3.6
10°	6.0	4.9	4.9	4.5	3.6	3.6	3.6
7.5°	6.0	4.9	4.9	4.6	3.6	3.6	3.6
5°	6.1	4.9	4.9	4.7	3.6	3.6	3.6
2.5°	6.1	4.9	4.9	4.8	3.6	3.6	3.6
0°	6.1	4.9	4.9	4.9	3.6	3.6	3.6
-2.5°	6.4	5.0	4.9	4.9	3.7	3.6	3.6
-5°	6.7	5.2	4.9	4.9	3.7	3.6	3.6
-7.5°	7.0	5.3	4.9	4.9	3.8	3.6	3.6
-10°	7.2	5.4	4.9	4.9	3.8	3.6	3.6
-12.5°	7.4	5.5	4.9	4.8	3.9	3.6	3.6
-15°	7.6	5.6	4.9	4.8	3.9	3.6	3.6
-17.5°	7.7	5.6	4.9	4.8	4.0	3.6	3.6
-20°	8.0	5.6	4.9	4.8	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°	8.6	5.6	4.9	4.8	4.0	3.6	3.6
-25°	9.0	5.7	4.9	4.8	4.0	3.6	3.6
-27.5°	9.3	5.8	4.9	4.8	4.1	3.6	3.6
-30°	9.3	5.9	4.9	4.8	4.1	3.6	3.6
-32.5°	9.1	5.8	5.0	4.8	4.1	3.6	3.6
-35°	8.9	5.7	5.0	4.8	4.1	3.6	3.6
-37.5°	8.7	5.5	5.1	4.8	4.1	3.6	3.6
-40°	8.4	5.6	5.1	4.9	4.0	3.6	3.6
-42.5°	7.9	5.6	5.1	4.9	4.0	3.6	3.6
-45°	7.3	5.6	5.1	4.9	4.0	3.6	3.6
-47.5°	6.5	5.6	5.1	4.9	3.9	3.6	3.6
-50°	6.3	5.6	5.1	4.8	3.9	3.6	3.6
-52.5°	6.3	5.5	5.1	4.7	3.8	3.6	3.6
-55°	6.2	5.4	5.0	4.6	3.8	3.6	3.6
-57.5°	6.0	5.4	5.0	4.5	3.7	3.6	3.6
-60°	5.8	5.2	4.9	4.3	3.6	3.6	3.6
-62.5°	5.6	5.1	4.8	4.2	3.6	3.6	3.6
-65°	5.4	5.0	4.7	4.1	3.6	3.6	3.6
-67.5°	5.2	4.9	4.5	4.0	3.6	3.6	3.6
-70°	4.9	4.8	4.4	3.9	3.6	3.6	3.6
-72.5°	4.9	4.7	4.3	3.9	3.6	3.6	3.6
-75°	4.9	4.6	4.2	3.8	3.6	3.6	3.6
-77.5°	4.9	4.6	4.1	3.8	3.6	3.6	3.6
-80°	4.9	4.4	4.0	3.8	3.6	3.6	3.6
-82.5°	4.6	4.2	3.9	3.7	3.6	3.6	3.6
-85°	4.3	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)