

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: P640293 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-08PR-500PL-RGB-4S\_GREEN ONLY**

Issue Date: 2/13/2023

**Test Information**

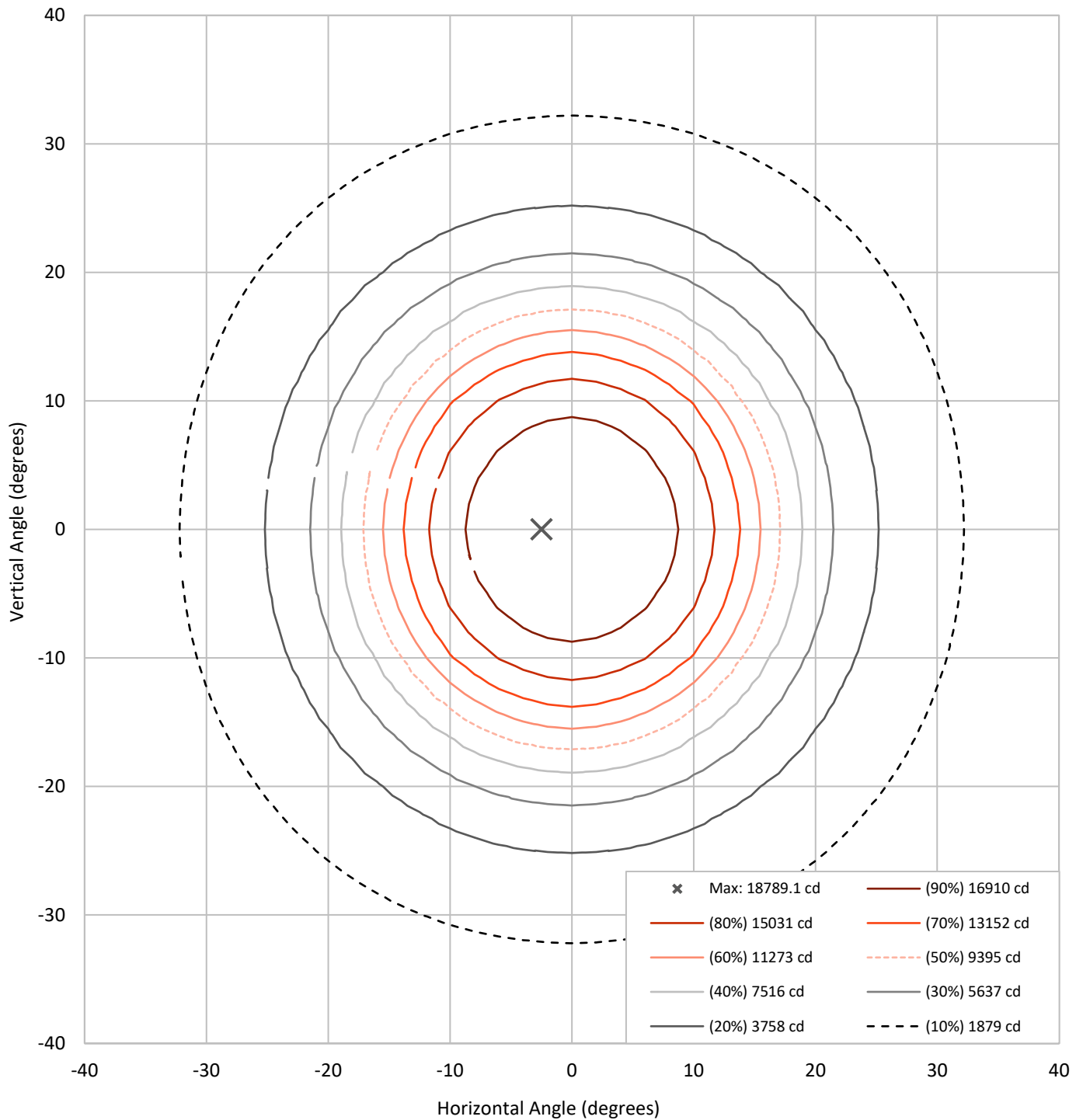
Test Method: LM-79-08  
Report Number: P640293 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-885-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/13/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-LS-08PR-500PL-RGB-4S\_GREEN ONLY  
Description: LUMASPORT 8 PRISM RGB  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	7896.9 lumens	Max Intensity:	18789.1 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	59.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	34.1°H x 33.8°V	Field Angle (10%):	64.4°H x 64.2°V
Beam Lumens:	4030.9 lumens	Field Lumens:	6903 lumens
Beam Efficiency:	51.0%	Field Efficiency:	87.4%
Input Watts (W):	133.4		
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





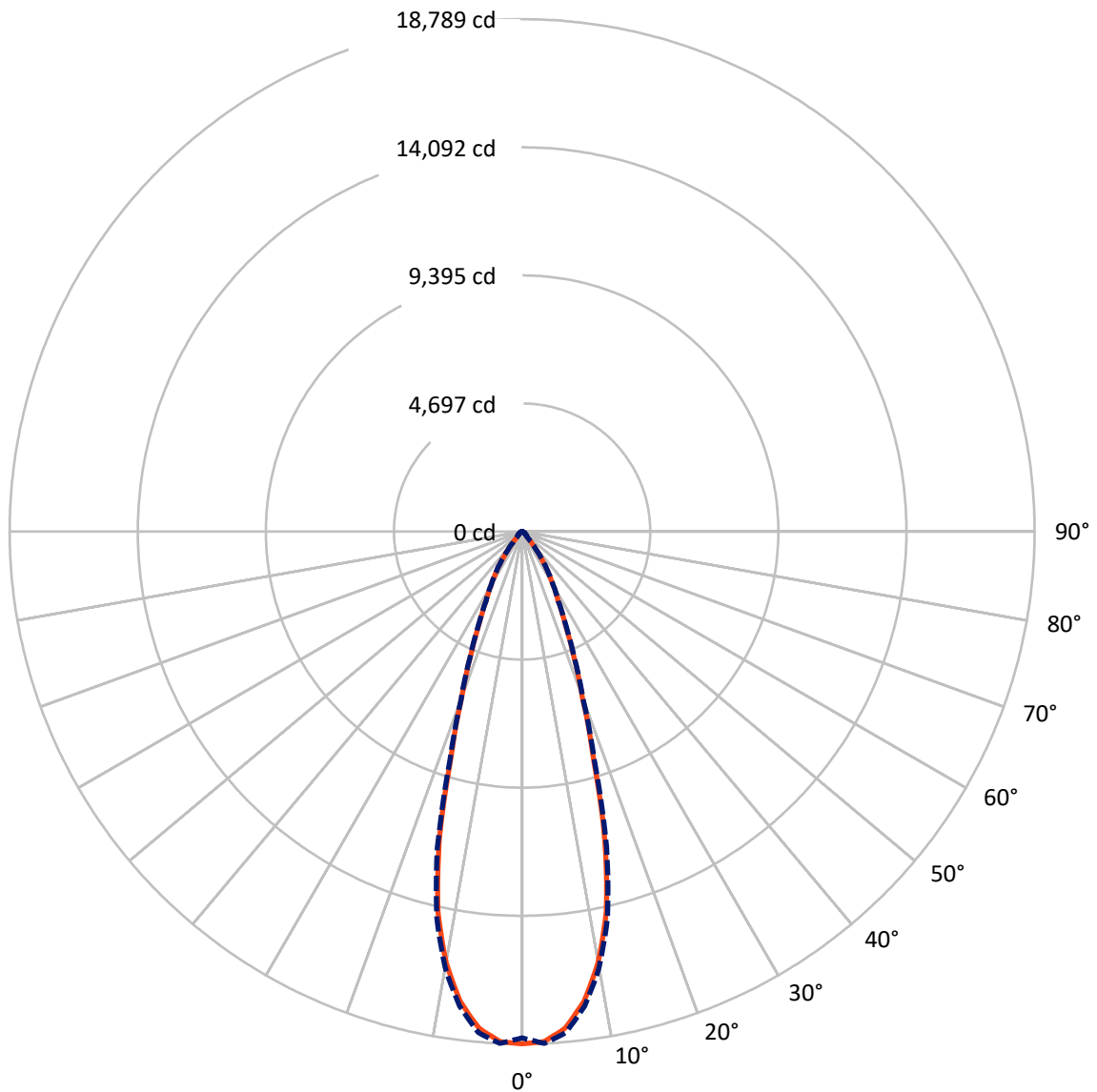
REPORT NUMBER: P640293 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table

90	0.0	0.2	0.5	0.9	1.2	0.9	0.5	0.2	0.0										
80	0.0	0.2	0.5	0.9	1.2	0.9	0.5	0.2	0.0										
70	0.1	0.1	0.2	0.5	1.0	1.5	1.9	2.1	2.1	1.9	1.5	1.0	0.5	0.2	0.1	0.1			
60		0.2	0.6	1.4	2.3	3.1	3.7	4.1	4.1	3.7	3.1	2.3	1.4	0.6	0.2				
50	0.2	0.3	1.1	2.2	3.4	4.9	6.5	8.0	8.0	6.5	4.9	3.4	2.2	1.1	0.3	0.2			
40		0.5	1.6	3.0	5.1	11.7	27.1	39.6	39.6	27.1	11.7	5.1	3.0	1.6	0.5				
30	0.3	0.7	2.0	3.8	10.7	38.7	77.8	114.3	114.3	77.8	38.7	10.7	3.8	2.0	0.7	0.3			
20		0.9	2.2	4.8	23.3	73.2	179.7	322.4	322.4	179.7	73.2	23.3	4.8	2.2	0.9				
10	0.3	0.9	2.4	5.7	32.9	104.6	313.5	519.3	519.3	313.5	104.6	32.9	5.7	2.4	0.9	0.3			
0		0.9	2.4	5.7	32.9	104.6	313.5	519.3	519.3	313.5	104.6	32.9	5.7	2.4	0.9				
-10	0.3	0.9	2.2	4.8	23.3	73.2	179.7	322.4	322.4	179.7	73.2	23.3	4.8	2.2	0.9	0.3			
-20		0.7	2.0	3.8	10.7	38.7	77.8	114.3	114.3	77.8	38.7	10.7	3.8	2.0	0.7				
-30	0.2	0.5	1.6	3.0	5.1	11.7	27.1	39.6	39.6	27.1	11.7	5.1	3.0	1.6	0.5	0.2			
-40		0.3	1.1	2.2	3.4	4.9	6.5	8.0	8.0	6.5	4.9	3.4	2.2	1.1	0.3				
-50	0.1	0.2	0.6	1.4	2.3	3.1	3.7	4.1	4.1	3.7	3.1	2.3	1.4	0.6	0.2	0.1			
-60		0.1	0.2	0.5	1.0	1.5	1.9	2.1	2.1	1.9	1.5	1.0	0.5	0.2	0.1				
-70	0.0	0.2	0.5	0.9	1.2	0.9	0.5	0.2	0.0							0.0			
-80		0.2	0.5	0.9	1.2	0.9	0.5	0.2	0.0										
-90	0.0	0.2	0.5	0.9	1.2	0.9	0.5	0.2	0.0							0.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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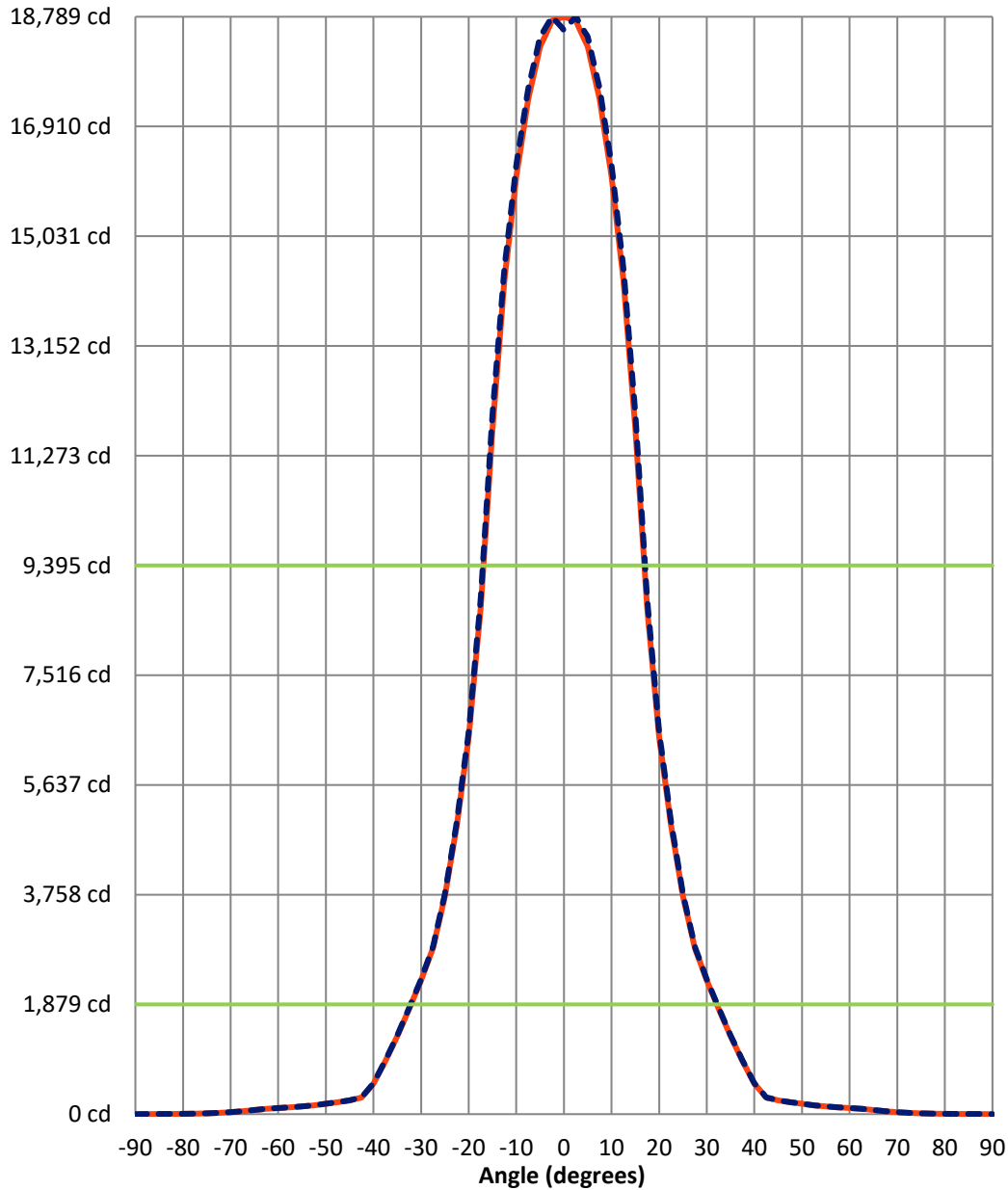
### Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg      - - - Horizontal Distribution Through 0-Deg

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CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S\_GREEN ONLY

### Luminous Intensity Plot



**Beam:**  
H Angle: 34.1°  
V Angle: 33.8°  
Lumens: 4030.9  
Efficiency: 51.0%

**Field:**  
H Angle: 64.4°  
V Angle: 64.2°  
Lumens: 6903  
Efficiency: 87.4%

**Spill:**  
Lumens: 993.9  
Efficiency: 12.6%

— Vertical Distribution through -2.5-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.1	2.3
80°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.2	2.4	2.5	2.7
77.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.3	2.5	2.7	2.9	3.1
75°	0.0	0.5	1.0	1.5	2.0	2.3	2.5	2.8	3.0	3.3	3.5
72.5°	0.0	0.6	1.2	1.8	2.2	2.5	2.8	3.1	3.4	3.6	3.9
70°	0.0	0.7	1.4	2.0	2.4	2.7	3.0	3.4	3.7	4.0	4.6
67.5°	0.0	0.8	1.5	2.1	2.5	2.9	3.3	3.6	4.0	4.7	5.4
65°	0.0	0.8	1.7	2.3	2.7	3.1	3.5	3.9	4.6	5.4	6.3
62.5°	0.0	0.9	1.8	2.4	2.8	3.3	3.7	4.4	5.3	6.2	7.5
60°	0.0	1.0	2.0	2.5	3.0	3.5	4.0	4.9	5.9	7.2	8.6
57.5°	0.0	1.1	2.1	2.6	3.1	3.7	4.4	5.4	6.7	8.2	10.2
55°	0.0	1.1	2.1	2.7	3.3	3.9	4.8	5.9	7.6	9.4	12.1
52.5°	0.0	1.2	2.2	2.8	3.4	4.1	5.3	6.7	8.4	10.9	13.8
50°	0.0	1.3	2.3	2.9	3.6	4.4	5.7	7.4	9.4	12.5	16.4
47.5°	0.0	1.4	2.4	3.0	3.7	4.7	6.1	8.1	10.7	14.0	19.1
45°	0.0	1.4	2.4	3.1	3.8	5.0	6.7	8.7	12.0	16.2	21.6
42.5°	0.0	1.5	2.5	3.2	3.9	5.3	7.2	9.6	13.2	18.4	25.1
40°	0.0	1.5	2.5	3.3	4.1	5.6	7.7	10.6	14.6	20.5	28.7
37.5°	0.0	1.6	2.6	3.4	4.3	5.9	8.2	11.6	16.4	22.8	32.0
35°	0.0	1.6	2.6	3.5	4.5	6.3	8.7	12.5	18.1	25.7	35.7
32.5°	0.0	1.7	2.7	3.5	4.7	6.6	9.2	13.4	19.6	28.4	40.0
30°	0.0	1.7	2.7	3.6	4.9	7.0	9.9	14.3	21.1	30.9	44.0
27.5°	0.0	1.8	2.8	3.7	5.1	7.3	10.5	15.5	22.8	33.2	47.7
25°	0.0	1.8	2.8	3.7	5.2	7.6	11.1	16.6	24.7	36.0	51.2
22.5°	0.0	1.8	2.8	3.8	5.4	7.8	11.7	17.6	26.4	38.8	54.9
20°	0.0	1.9	2.9	3.8	5.5	8.1	12.2	18.5	28.0	41.3	58.2
17.5°	0.0	1.9	2.9	3.9	5.6	8.3	12.6	19.3	29.4	43.6	61.2
15°	0.0	1.9	2.9	3.9	5.7	8.5	13.0	20.0	30.6	45.5	63.7
12.5°	0.0	2.0	3.0	3.9	5.8	8.6	13.3	20.6	31.6	47.2	65.9
10°	0.0	2.0	3.0	4.0	5.9	8.8	13.5	21.1	32.5	48.6	67.8
7.5°	0.0	2.0	3.0	4.0	5.9	8.9	13.7	21.5	33.1	49.6	69.2
5°	0.0	2.0	3.0	4.0	6.0	8.9	13.9	21.8	33.6	50.4	70.2
2.5°	0.0	2.0	3.0	4.0	6.0	9.0	14.0	21.9	33.9	50.8	70.8
0°	0.0	2.0	3.0	4.0	6.0	9.0	14.0	22.0	34.0	51.0	71.0
-2.5°	0.0	2.0	3.0	4.0	6.0	9.0	14.0	21.9	33.9	50.8	70.8
-5°	0.0	2.0	3.0	4.0	6.0	8.9	13.9	21.8	33.6	50.4	70.2
-7.5°	0.0	2.0	3.0	4.0	5.9	8.9	13.7	21.5	33.1	49.6	69.2
-10°	0.0	2.0	3.0	4.0	5.9	8.8	13.5	21.1	32.5	48.6	67.8
-12.5°	0.0	2.0	3.0	3.9	5.8	8.6	13.3	20.6	31.6	47.2	65.9
-15°	0.0	1.9	2.9	3.9	5.7	8.5	13.0	20.0	30.6	45.5	63.7
-17.5°	0.0	1.9	2.9	3.9	5.6	8.3	12.6	19.3	29.4	43.6	61.2
-20°	0.0	1.9	2.9	3.8	5.5	8.1	12.2	18.5	28.0	41.3	58.2



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.8	2.8	3.8	5.4	7.8	11.7	17.6	26.4	38.8	54.9
-25°	0.0	1.8	2.8	3.7	5.2	7.6	11.1	16.6	24.7	36.0	51.2
-27.5°	0.0	1.8	2.8	3.7	5.1	7.3	10.5	15.5	22.8	33.2	47.7
-30°	0.0	1.7	2.7	3.6	4.9	7.0	9.9	14.3	21.1	30.9	44.0
-32.5°	0.0	1.7	2.7	3.5	4.7	6.6	9.2	13.4	19.6	28.4	40.0
-35°	0.0	1.6	2.6	3.5	4.5	6.3	8.7	12.5	18.1	25.7	35.7
-37.5°	0.0	1.6	2.6	3.4	4.3	5.9	8.2	11.6	16.4	22.8	32.0
-40°	0.0	1.5	2.5	3.3	4.1	5.6	7.7	10.6	14.6	20.5	28.7
-42.5°	0.0	1.5	2.5	3.2	3.9	5.3	7.2	9.6	13.2	18.4	25.1
-45°	0.0	1.4	2.4	3.1	3.8	5.0	6.7	8.7	12.0	16.2	21.6
-47.5°	0.0	1.4	2.4	3.0	3.7	4.7	6.1	8.1	10.7	14.0	19.1
-50°	0.0	1.3	2.3	2.9	3.6	4.4	5.7	7.4	9.4	12.5	16.4
-52.5°	0.0	1.2	2.2	2.8	3.4	4.1	5.3	6.7	8.4	10.9	13.8
-55°	0.0	1.1	2.1	2.7	3.3	3.9	4.8	5.9	7.6	9.4	12.1
-57.5°	0.0	1.1	2.1	2.6	3.1	3.7	4.4	5.4	6.7	8.2	10.2
-60°	0.0	1.0	2.0	2.5	3.0	3.5	4.0	4.9	5.9	7.2	8.6
-62.5°	0.0	0.9	1.8	2.4	2.8	3.3	3.7	4.4	5.3	6.2	7.5
-65°	0.0	0.8	1.7	2.3	2.7	3.1	3.5	3.9	4.6	5.4	6.3
-67.5°	0.0	0.8	1.5	2.1	2.5	2.9	3.3	3.6	4.0	4.7	5.4
-70°	0.0	0.7	1.4	2.0	2.4	2.7	3.0	3.4	3.7	4.0	4.6
-72.5°	0.0	0.6	1.2	1.8	2.2	2.5	2.8	3.1	3.4	3.6	3.9
-75°	0.0	0.5	1.0	1.5	2.0	2.3	2.5	2.8	3.0	3.3	3.5
-77.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.3	2.5	2.7	2.9	3.1
-80°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.2	2.4	2.5	2.7
-82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.1	2.3
-85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
-87.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S\_GREEN ONLY

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.5	1.6
85°	1.8	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5	2.5	2.6
82.5°	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4
80°	2.8	3.0	3.1	3.3	3.4	3.6	3.7	3.8	3.9	4.1	4.3
77.5°	3.3	3.5	3.7	3.9	4.1	4.4	4.7	5.0	5.3	5.6	5.9
75°	3.7	4.0	4.4	4.8	5.3	5.7	6.1	6.7	7.2	7.7	8.2
72.5°	4.4	4.9	5.4	5.9	6.7	7.4	8.1	8.7	9.6	10.6	11.6
70°	5.3	5.9	6.7	7.6	8.4	9.4	10.7	12.0	13.2	14.6	16.4
67.5°	6.2	7.2	8.2	9.4	10.9	12.5	14.0	16.2	18.4	20.5	22.8
65°	7.5	8.6	10.2	12.1	13.8	16.4	19.1	21.6	25.1	28.7	32.0
62.5°	8.8	10.7	12.7	15.1	18.2	21.3	25.2	29.5	33.5	38.9	44.1
60°	10.7	13.0	15.9	19.3	23.1	28.0	32.8	38.8	45.1	51.2	58.0
57.5°	12.7	15.9	19.7	24.2	29.6	35.4	42.7	49.8	57.7	65.4	72.9
55°	15.1	19.3	24.2	30.2	37.0	45.1	53.4	62.4	71.1	79.9	88.4
52.5°	18.2	23.1	29.6	37.0	45.9	55.3	65.3	75.2	85.0	93.5	99.2
50°	21.3	28.0	35.4	45.1	55.3	66.2	77.2	88.1	96.1	102.4	108.2
47.5°	25.2	32.8	42.7	53.4	65.3	77.2	89.1	97.4	104.3	110.6	116.6
45°	29.5	38.8	49.8	62.4	75.2	88.1	97.4	105.0	111.8	118.9	127.4
42.5°	33.5	45.1	57.7	71.1	85.0	96.1	104.3	111.8	119.7	129.1	138.7
40°	38.9	51.2	65.4	79.9	93.5	102.4	110.6	118.9	129.1	139.7	150.5
37.5°	44.1	58.0	72.9	88.4	99.2	108.2	116.6	127.4	138.7	150.5	167.9
35°	49.1	64.4	80.3	94.7	104.5	113.5	124.0	135.9	148.5	166.3	184.5
32.5°	54.4	70.5	87.3	99.4	109.3	119.1	131.3	144.6	161.6	181.6	199.8
30°	59.6	76.5	93.2	103.9	113.7	125.5	138.8	153.9	175.4	195.2	216.5
27.5°	64.4	82.2	97.0	107.8	118.2	131.5	146.1	166.1	187.8	208.9	233.5
25°	68.9	87.3	100.5	111.3	123.3	137.5	153.9	177.4	199.1	223.8	256.5
22.5°	73.1	92.1	103.8	114.6	128.0	143.3	163.6	187.2	210.6	238.0	279.7
20°	77.0	94.7	106.6	117.7	132.3	148.5	172.4	196.1	222.3	257.8	355.0
17.5°	80.5	97.1	109.0	121.2	136.5	154.5	180.2	204.0	232.9	275.7	448.5
15°	83.5	99.2	111.1	124.3	140.3	160.9	186.7	212.4	245.2	308.9	532.8
12.5°	86.1	100.9	112.9	126.9	143.5	166.3	192.2	219.8	257.8	374.9	648.5
10°	88.2	102.4	114.3	129.1	146.2	170.9	196.8	225.9	268.2	429.6	744.8
7.5°	89.9	103.5	115.5	130.8	148.3	174.4	200.3	230.8	276.4	472.8	820.8
5°	91.0	104.3	116.3	132.0	149.8	177.0	202.9	234.2	282.3	503.9	875.7
2.5°	91.8	104.8	116.8	132.8	150.7	178.5	204.5	236.3	285.8	522.7	908.9
0°	92.0	105.0	117.0	133.0	151.0	179.0	205.0	237.0	287.0	529.0	920.0
-2.5°	91.8	104.8	116.8	132.8	150.7	178.5	204.5	236.3	285.8	522.7	908.9
-5°	91.0	104.3	116.3	132.0	149.8	177.0	202.9	234.2	282.3	503.9	875.7
-7.5°	89.9	103.5	115.5	130.8	148.3	174.4	200.3	230.8	276.4	472.8	820.8
-10°	88.2	102.4	114.3	129.1	146.2	170.9	196.8	225.9	268.2	429.6	744.8
-12.5°	86.1	100.9	112.9	126.9	143.5	166.3	192.2	219.8	257.8	374.9	648.5
-15°	83.5	99.2	111.1	124.3	140.3	160.9	186.7	212.4	245.2	308.9	532.8
-17.5°	80.5	97.1	109.0	121.2	136.5	154.5	180.2	204.0	232.9	275.7	448.5
-20°	77.0	94.7	106.6	117.7	132.3	148.5	172.4	196.1	222.3	257.8	355.0



REPORT NUMBER: P640293 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S\_GREEN ONLY

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	73.1	92.1	103.8	114.6	128.0	143.3	163.6	187.2	210.6	238.0	279.7
-25°	68.9	87.3	100.5	111.3	123.3	137.5	153.9	177.4	199.1	223.8	256.5
-27.5°	64.4	82.2	97.0	107.8	118.2	131.5	146.1	166.1	187.8	208.9	233.5
-30°	59.6	76.5	93.2	103.9	113.7	125.5	138.8	153.9	175.4	195.2	216.5
-32.5°	54.4	70.5	87.3	99.4	109.3	119.1	131.3	144.6	161.6	181.6	199.8
-35°	49.1	64.4	80.3	94.7	104.5	113.5	124.0	135.9	148.5	166.3	184.5
-37.5°	44.1	58.0	72.9	88.4	99.2	108.2	116.6	127.4	138.7	150.5	167.9
-40°	38.9	51.2	65.4	79.9	93.5	102.4	110.6	118.9	129.1	139.7	150.5
-42.5°	33.5	45.1	57.7	71.1	85.0	96.1	104.3	111.8	119.7	129.1	138.7
-45°	29.5	38.8	49.8	62.4	75.2	88.1	97.4	105.0	111.8	118.9	127.4
-47.5°	25.2	32.8	42.7	53.4	65.3	77.2	89.1	97.4	104.3	110.6	116.6
-50°	21.3	28.0	35.4	45.1	55.3	66.2	77.2	88.1	96.1	102.4	108.2
-52.5°	18.2	23.1	29.6	37.0	45.9	55.3	65.3	75.2	85.0	93.5	99.2
-55°	15.1	19.3	24.2	30.2	37.0	45.1	53.4	62.4	71.1	79.9	88.4
-57.5°	12.7	15.9	19.7	24.2	29.6	35.4	42.7	49.8	57.7	65.4	72.9
-60°	10.7	13.0	15.9	19.3	23.1	28.0	32.8	38.8	45.1	51.2	58.0
-62.5°	8.8	10.7	12.7	15.1	18.2	21.3	25.2	29.5	33.5	38.9	44.1
-65°	7.5	8.6	10.2	12.1	13.8	16.4	19.1	21.6	25.1	28.7	32.0
-67.5°	6.2	7.2	8.2	9.4	10.9	12.5	14.0	16.2	18.4	20.5	22.8
-70°	5.3	5.9	6.7	7.6	8.4	9.4	10.7	12.0	13.2	14.6	16.4
-72.5°	4.4	4.9	5.4	5.9	6.7	7.4	8.1	8.7	9.6	10.6	11.6
-75°	3.7	4.0	4.4	4.8	5.3	5.7	6.1	6.7	7.2	7.7	8.2
-77.5°	3.3	3.5	3.7	3.9	4.1	4.4	4.7	5.0	5.3	5.6	5.9
-80°	2.8	3.0	3.1	3.3	3.4	3.6	3.7	3.8	3.9	4.1	4.3
-82.5°	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4
-85°	1.8	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5	2.5	2.6
-87.5°	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.5	1.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P640293 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S\_GREEN ONLY

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
85°	2.6	2.7	2.7	2.8	2.8	2.8	2.9	2.9	2.9	3.0	3.0
82.5°	3.5	3.5	3.6	3.7	3.7	3.8	3.8	3.9	3.9	3.9	4.0
80°	4.5	4.7	4.9	5.1	5.2	5.4	5.5	5.6	5.7	5.8	5.9
77.5°	6.3	6.6	7.0	7.3	7.6	7.8	8.1	8.3	8.5	8.6	8.8
75°	8.7	9.2	9.9	10.5	11.1	11.7	12.2	12.6	13.0	13.3	13.5
72.5°	12.5	13.4	14.3	15.5	16.6	17.6	18.5	19.3	20.0	20.6	21.1
70°	18.1	19.6	21.1	22.8	24.7	26.4	28.0	29.4	30.6	31.6	32.5
67.5°	25.7	28.4	30.9	33.2	36.0	38.8	41.3	43.6	45.5	47.2	48.6
65°	35.7	40.0	44.0	47.7	51.2	54.9	58.2	61.2	63.7	65.9	67.8
62.5°	49.1	54.4	59.6	64.4	68.9	73.1	77.0	80.5	83.5	86.1	88.2
60°	64.4	70.5	76.5	82.2	87.3	92.1	94.7	97.1	99.2	100.9	102.4
57.5°	80.3	87.3	93.2	97.0	100.5	103.8	106.6	109.0	111.1	112.9	114.3
55°	94.7	99.4	103.9	107.8	111.3	114.6	117.7	121.2	124.3	126.9	129.1
52.5°	104.5	109.3	113.7	118.2	123.3	128.0	132.3	136.5	140.3	143.5	146.2
50°	113.5	119.1	125.5	131.5	137.5	143.3	148.5	154.5	160.9	166.3	170.9
47.5°	124.0	131.3	138.8	146.1	153.9	163.6	172.4	180.2	186.7	192.2	196.8
45°	135.9	144.6	153.9	166.1	177.4	187.2	196.1	204.0	212.4	219.8	225.9
42.5°	148.5	161.6	175.4	187.8	199.1	210.6	222.3	232.9	245.2	257.8	268.2
40°	166.3	181.6	195.2	208.9	223.8	238.0	257.8	275.7	308.9	374.9	429.6
37.5°	184.5	199.8	216.5	233.5	256.5	279.7	355.0	448.5	532.8	648.5	744.8
35°	201.3	220.3	240.7	269.0	329.3	449.9	580.9	743.9	889.0	1023.8	1138.9
32.5°	220.3	243.8	275.4	376.6	514.6	714.6	907.9	1099.9	1272.3	1429.4	1567.3
30°	240.7	275.4	392.5	558.7	796.5	1029.8	1257.8	1477.9	1683.3	1864.2	2020.6
27.5°	269.0	376.6	558.7	824.0	1092.4	1355.4	1624.5	1873.8	2105.2	2308.2	2504.1
25°	329.3	514.6	796.5	1092.4	1391.3	1699.1	1994.5	2271.9	2554.0	2807.7	3119.6
22.5°	449.9	714.6	1029.8	1355.4	1699.1	2035.3	2364.1	2706.6	3113.2	3563.7	4012.5
20°	580.9	907.9	1257.8	1624.5	1994.5	2364.1	2758.3	3289.6	3865.7	4538.7	5149.0
17.5°	743.9	1099.9	1477.9	1873.8	2271.9	2706.6	3289.6	3994.3	4811.6	5690.8	6502.2
15°	889.0	1272.3	1683.3	2105.2	2554.0	3113.2	3865.7	4811.6	5876.7	7062.8	8391.8
12.5°	1023.8	1429.4	1864.2	2308.2	2807.7	3563.7	4538.7	5690.8	7062.8	8714.6	10770.4
10°	1138.9	1567.3	2020.6	2504.1	3119.6	4012.5	5149.0	6502.2	8391.8	10770.4	12986.8
7.5°	1229.9	1676.6	2145.1	2660.8	3400.3	4436.8	5743.6	7460.9	9787.1	12494.3	14493.5
5°	1295.8	1755.9	2235.7	2775.1	3606.1	4749.6	6185.4	8197.4	10979.7	13632.5	15479.4
2.5°	1335.6	1804.0	2290.7	2844.7	3731.8	4941.5	6458.0	8655.6	11730.5	14272.8	16050.8
0°	1349.0	1820.1	2309.1	2868.1	3774.1	5006.2	6550.2	8811.3	11987.4	14474.5	16248.5
-2.5°	1335.6	1804.0	2290.7	2844.7	3731.8	4941.5	6458.0	8655.6	11730.5	14272.8	16050.8
-5°	1295.8	1755.9	2235.7	2775.1	3606.1	4749.6	6185.4	8197.4	10979.7	13632.5	15479.4
-7.5°	1229.9	1676.6	2145.1	2660.8	3400.3	4436.8	5743.6	7460.9	9787.1	12494.3	14493.5
-10°	1138.9	1567.3	2020.6	2504.1	3119.6	4012.5	5149.0	6502.2	8391.8	10770.4	12986.8
-12.5°	1023.8	1429.4	1864.2	2308.2	2807.7	3563.7	4538.7	5690.8	7062.8	8714.6	10770.4
-15°	889.0	1272.3	1683.3	2105.2	2554.0	3113.2	3865.7	4811.6	5876.7	7062.8	8391.8
-17.5°	743.9	1099.9	1477.9	1873.8	2271.9	2706.6	3289.6	3994.3	4811.6	5690.8	6502.2
-20°	580.9	907.9	1257.8	1624.5	1994.5	2364.1	2758.3	3289.6	3865.7	4538.7	5149.0



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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°	449.9	714.6	1029.8	1355.4	1699.1	2035.3	2364.1	2706.6	3113.2	3563.7	4012.5
-25°	329.3	514.6	796.5	1092.4	1391.3	1699.1	1994.5	2271.9	2554.0	2807.7	3119.6
-27.5°	269.0	376.6	558.7	824.0	1092.4	1355.4	1624.5	1873.8	2105.2	2308.2	2504.1
-30°	240.7	275.4	392.5	558.7	796.5	1029.8	1257.8	1477.9	1683.3	1864.2	2020.6
-32.5°	220.3	243.8	275.4	376.6	514.6	714.6	907.9	1099.9	1272.3	1429.4	1567.3
-35°	201.3	220.3	240.7	269.0	329.3	449.9	580.9	743.9	889.0	1023.8	1138.9
-37.5°	184.5	199.8	216.5	233.5	256.5	279.7	355.0	448.5	532.8	648.5	744.8
-40°	166.3	181.6	195.2	208.9	223.8	238.0	257.8	275.7	308.9	374.9	429.6
-42.5°	148.5	161.6	175.4	187.8	199.1	210.6	222.3	232.9	245.2	257.8	268.2
-45°	135.9	144.6	153.9	166.1	177.4	187.2	196.1	204.0	212.4	219.8	225.9
-47.5°	124.0	131.3	138.8	146.1	153.9	163.6	172.4	180.2	186.7	192.2	196.8
-50°	113.5	119.1	125.5	131.5	137.5	143.3	148.5	154.5	160.9	166.3	170.9
-52.5°	104.5	109.3	113.7	118.2	123.3	128.0	132.3	136.5	140.3	143.5	146.2
-55°	94.7	99.4	103.9	107.8	111.3	114.6	117.7	121.2	124.3	126.9	129.1
-57.5°	80.3	87.3	93.2	97.0	100.5	103.8	106.6	109.0	111.1	112.9	114.3
-60°	64.4	70.5	76.5	82.2	87.3	92.1	94.7	97.1	99.2	100.9	102.4
-62.5°	49.1	54.4	59.6	64.4	68.9	73.1	77.0	80.5	83.5	86.1	88.2
-65°	35.7	40.0	44.0	47.7	51.2	54.9	58.2	61.2	63.7	65.9	67.8
-67.5°	25.7	28.4	30.9	33.2	36.0	38.8	41.3	43.6	45.5	47.2	48.6
-70°	18.1	19.6	21.1	22.8	24.7	26.4	28.0	29.4	30.6	31.6	32.5
-72.5°	12.5	13.4	14.3	15.5	16.6	17.6	18.5	19.3	20.0	20.6	21.1
-75°	8.7	9.2	9.9	10.5	11.1	11.7	12.2	12.6	13.0	13.3	13.5
-77.5°	6.3	6.6	7.0	7.3	7.6	7.8	8.1	8.3	8.5	8.6	8.8
-80°	4.5	4.7	4.9	5.1	5.2	5.4	5.5	5.6	5.7	5.8	5.9
-82.5°	3.5	3.5	3.6	3.7	3.7	3.8	3.8	3.9	3.9	3.9	4.0
-85°	2.6	2.7	2.7	2.8	2.8	2.8	2.9	2.9	2.9	3.0	3.0
-87.5°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P640293 (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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9
82.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9
80°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.8	5.7	5.6
77.5°	8.9	8.9	9.0	9.0	9.0	8.9	8.9	8.8	8.6	8.5	8.3
75°	13.7	13.9	14.0	14.0	14.0	13.9	13.7	13.5	13.3	13.0	12.6
72.5°	21.5	21.8	21.9	22.0	21.9	21.8	21.5	21.1	20.6	20.0	19.3
70°	33.1	33.6	33.9	34.0	33.9	33.6	33.1	32.5	31.6	30.6	29.4
67.5°	49.6	50.4	50.8	51.0	50.8	50.4	49.6	48.6	47.2	45.5	43.6
65°	69.2	70.2	70.8	71.0	70.8	70.2	69.2	67.8	65.9	63.7	61.2
62.5°	89.9	91.0	91.8	92.0	91.8	91.0	89.9	88.2	86.1	83.5	80.5
60°	103.5	104.3	104.8	105.0	104.8	104.3	103.5	102.4	100.9	99.2	97.1
57.5°	115.5	116.3	116.8	117.0	116.8	116.3	115.5	114.3	112.9	111.1	109.0
55°	130.8	132.0	132.8	133.0	132.8	132.0	130.8	129.1	126.9	124.3	121.2
52.5°	148.3	149.8	150.7	151.0	150.7	149.8	148.3	146.2	143.5	140.3	136.5
50°	174.4	177.0	178.5	179.0	178.5	177.0	174.4	170.9	166.3	160.9	154.5
47.5°	200.3	202.9	204.5	205.0	204.5	202.9	200.3	196.8	192.2	186.7	180.2
45°	230.8	234.2	236.3	237.0	236.3	234.2	230.8	225.9	219.8	212.4	204.0
42.5°	276.4	282.3	285.8	287.0	285.8	282.3	276.4	268.2	257.8	245.2	232.9
40°	472.8	503.9	522.7	529.0	522.7	503.9	472.8	429.6	374.9	308.9	275.7
37.5°	820.8	875.7	908.9	920.0	908.9	875.7	820.8	744.8	648.5	532.8	448.5
35°	1229.9	1295.8	1335.6	1349.0	1335.6	1295.8	1229.9	1138.9	1023.8	889.0	743.9
32.5°	1676.6	1755.9	1804.0	1820.1	1804.0	1755.9	1676.6	1567.3	1429.4	1272.3	1099.9
30°	2145.1	2235.7	2290.7	2309.1	2290.7	2235.7	2145.1	2020.6	1864.2	1683.3	1477.9
27.5°	2660.8	2775.1	2844.7	2868.1	2844.7	2775.1	2660.8	2504.1	2308.2	2105.2	1873.8
25°	3400.3	3606.1	3731.8	3774.1	3731.8	3606.1	3400.3	3119.6	2807.7	2554.0	2271.9
22.5°	4436.8	4749.6	4941.5	5006.2	4941.5	4749.6	4436.8	4012.5	3563.7	3113.2	2706.6
20°	5743.6	6185.4	6458.0	6550.2	6458.0	6185.4	5743.6	5149.0	4538.7	3865.7	3289.6
17.5°	7460.9	8197.4	8655.6	8811.3	8655.6	8197.4	7460.9	6502.2	5690.8	4811.6	3994.3
15°	9787.1	10979.7	11730.5	11987.4	11730.5	10979.7	9787.1	8391.8	7062.8	5876.7	4811.6
12.5°	12494.3	13632.5	14272.8	14474.5	14272.8	13632.5	12494.3	10770.4	8714.6	7062.8	5690.8
10°	14493.5	15479.4	16050.8	16248.5	16050.8	15479.4	14493.5	12986.8	10770.4	8391.8	6502.2
7.5°	15864.7	16813.2	17374.2	17556.1	17374.2	16813.2	15864.7	14493.5	12494.3	9787.1	7460.9
5°	16813.2	17751.6	18274.8	18442.6	18274.8	17751.6	16813.2	15479.4	13632.5	10979.7	8197.4
2.5°	17374.2	18274.8	18719.1	18789.1	18719.1	18274.8	17374.2	16050.8	14272.8	11730.5	8655.6
0°	17556.1	18442.6	18789.1	18565.6	18789.1	18442.6	17556.1	16248.5	14474.5	11987.4	8811.3
-2.5°	17374.2	18274.8	18719.1	18789.1	18719.1	18274.8	17374.2	16050.8	14272.8	11730.5	8655.6
-5°	16813.2	17751.6	18274.8	18442.6	18274.8	17751.6	16813.2	15479.4	13632.5	10979.7	8197.4
-7.5°	15864.7	16813.2	17374.2	17556.1	17374.2	16813.2	15864.7	14493.5	12494.3	9787.1	7460.9
-10°	14493.5	15479.4	16050.8	16248.5	16050.8	15479.4	14493.5	12986.8	10770.4	8391.8	6502.2
-12.5°	12494.3	13632.5	14272.8	14474.5	14272.8	13632.5	12494.3	10770.4	8714.6	7062.8	5690.8
-15°	9787.1	10979.7	11730.5	11987.4	11730.5	10979.7	9787.1	8391.8	7062.8	5876.7	4811.6
-17.5°	7460.9	8197.4	8655.6	8811.3	8655.6	8197.4	7460.9	6502.2	5690.8	4811.6	3994.3
-20°	5743.6	6185.4	6458.0	6550.2	6458.0	6185.4	5743.6	5149.0	4538.7	3865.7	3289.6



REPORT NUMBER: P640293 (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°	4436.8	4749.6	4941.5	5006.2	4941.5	4749.6	4436.8	4012.5	3563.7	3113.2	2706.6
-25°	3400.3	3606.1	3731.8	3774.1	3731.8	3606.1	3400.3	3119.6	2807.7	2554.0	2271.9
-27.5°	2660.8	2775.1	2844.7	2868.1	2844.7	2775.1	2660.8	2504.1	2308.2	2105.2	1873.8
-30°	2145.1	2235.7	2290.7	2309.1	2290.7	2235.7	2145.1	2020.6	1864.2	1683.3	1477.9
-32.5°	1676.6	1755.9	1804.0	1820.1	1804.0	1755.9	1676.6	1567.3	1429.4	1272.3	1099.9
-35°	1229.9	1295.8	1335.6	1349.0	1335.6	1295.8	1229.9	1138.9	1023.8	889.0	743.9
-37.5°	820.8	875.7	908.9	920.0	908.9	875.7	820.8	744.8	648.5	532.8	448.5
-40°	472.8	503.9	522.7	529.0	522.7	503.9	472.8	429.6	374.9	308.9	275.7
-42.5°	276.4	282.3	285.8	287.0	285.8	282.3	276.4	268.2	257.8	245.2	232.9
-45°	230.8	234.2	236.3	237.0	236.3	234.2	230.8	225.9	219.8	212.4	204.0
-47.5°	200.3	202.9	204.5	205.0	204.5	202.9	200.3	196.8	192.2	186.7	180.2
-50°	174.4	177.0	178.5	179.0	178.5	177.0	174.4	170.9	166.3	160.9	154.5
-52.5°	148.3	149.8	150.7	151.0	150.7	149.8	148.3	146.2	143.5	140.3	136.5
-55°	130.8	132.0	132.8	133.0	132.8	132.0	130.8	129.1	126.9	124.3	121.2
-57.5°	115.5	116.3	116.8	117.0	116.8	116.3	115.5	114.3	112.9	111.1	109.0
-60°	103.5	104.3	104.8	105.0	104.8	104.3	103.5	102.4	100.9	99.2	97.1
-62.5°	89.9	91.0	91.8	92.0	91.8	91.0	89.9	88.2	86.1	83.5	80.5
-65°	69.2	70.2	70.8	71.0	70.8	70.2	69.2	67.8	65.9	63.7	61.2
-67.5°	49.6	50.4	50.8	51.0	50.8	50.4	49.6	48.6	47.2	45.5	43.6
-70°	33.1	33.6	33.9	34.0	33.9	33.6	33.1	32.5	31.6	30.6	29.4
-72.5°	21.5	21.8	21.9	22.0	21.9	21.8	21.5	21.1	20.6	20.0	19.3
-75°	13.7	13.9	14.0	14.0	14.0	13.9	13.7	13.5	13.3	13.0	12.6
-77.5°	8.9	8.9	9.0	9.0	9.0	8.9	8.9	8.8	8.6	8.5	8.3
-80°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.8	5.7	5.6
-82.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9
-85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9
-87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P640293 (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°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
85°	2.9	2.8	2.8	2.8	2.7	2.7	2.6	2.6	2.5	2.5	2.4
82.5°	3.8	3.8	3.7	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1
80°	5.5	5.4	5.2	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.8
77.5°	8.1	7.8	7.6	7.3	7.0	6.6	6.3	5.9	5.6	5.3	5.0
75°	12.2	11.7	11.1	10.5	9.9	9.2	8.7	8.2	7.7	7.2	6.7
72.5°	18.5	17.6	16.6	15.5	14.3	13.4	12.5	11.6	10.6	9.6	8.7
70°	28.0	26.4	24.7	22.8	21.1	19.6	18.1	16.4	14.6	13.2	12.0
67.5°	41.3	38.8	36.0	33.2	30.9	28.4	25.7	22.8	20.5	18.4	16.2
65°	58.2	54.9	51.2	47.7	44.0	40.0	35.7	32.0	28.7	25.1	21.6
62.5°	77.0	73.1	68.9	64.4	59.6	54.4	49.1	44.1	38.9	33.5	29.5
60°	94.7	92.1	87.3	82.2	76.5	70.5	64.4	58.0	51.2	45.1	38.8
57.5°	106.6	103.8	100.5	97.0	93.2	87.3	80.3	72.9	65.4	57.7	49.8
55°	117.7	114.6	111.3	107.8	103.9	99.4	94.7	88.4	79.9	71.1	62.4
52.5°	132.3	128.0	123.3	118.2	113.7	109.3	104.5	99.2	93.5	85.0	75.2
50°	148.5	143.3	137.5	131.5	125.5	119.1	113.5	108.2	102.4	96.1	88.1
47.5°	172.4	163.6	153.9	146.1	138.8	131.3	124.0	116.6	110.6	104.3	97.4
45°	196.1	187.2	177.4	166.1	153.9	144.6	135.9	127.4	118.9	111.8	105.0
42.5°	222.3	210.6	199.1	187.8	175.4	161.6	148.5	138.7	129.1	119.7	111.8
40°	257.8	238.0	223.8	208.9	195.2	181.6	166.3	150.5	139.7	129.1	118.9
37.5°	355.0	279.7	256.5	233.5	216.5	199.8	184.5	167.9	150.5	138.7	127.4
35°	580.9	449.9	329.3	269.0	240.7	220.3	201.3	184.5	166.3	148.5	135.9
32.5°	907.9	714.6	514.6	376.6	275.4	243.8	220.3	199.8	181.6	161.6	144.6
30°	1257.8	1029.8	796.5	558.7	392.5	275.4	240.7	216.5	195.2	175.4	153.9
27.5°	1624.5	1355.4	1092.4	824.0	558.7	376.6	269.0	233.5	208.9	187.8	166.1
25°	1994.5	1699.1	1391.3	1092.4	796.5	514.6	329.3	256.5	223.8	199.1	177.4
22.5°	2364.1	2035.3	1699.1	1355.4	1029.8	714.6	449.9	279.7	238.0	210.6	187.2
20°	2758.3	2364.1	1994.5	1624.5	1257.8	907.9	580.9	355.0	257.8	222.3	196.1
17.5°	3289.6	2706.6	2271.9	1873.8	1477.9	1099.9	743.9	448.5	275.7	232.9	204.0
15°	3865.7	3113.2	2554.0	2105.2	1683.3	1272.3	889.0	532.8	308.9	245.2	212.4
12.5°	4538.7	3563.7	2807.7	2308.2	1864.2	1429.4	1023.8	648.5	374.9	257.8	219.8
10°	5149.0	4012.5	3119.6	2504.1	2020.6	1567.3	1138.9	744.8	429.6	268.2	225.9
7.5°	5743.6	4436.8	3400.3	2660.8	2145.1	1676.6	1229.9	820.8	472.8	276.4	230.8
5°	6185.4	4749.6	3606.1	2775.1	2235.7	1755.9	1295.8	875.7	503.9	282.3	234.2
2.5°	6458.0	4941.5	3731.8	2844.7	2290.7	1804.0	1335.6	908.9	522.7	285.8	236.3
0°	6550.2	5006.2	3774.1	2868.1	2309.1	1820.1	1349.0	920.0	529.0	287.0	237.0
-2.5°	6458.0	4941.5	3731.8	2844.7	2290.7	1804.0	1335.6	908.9	522.7	285.8	236.3
-5°	6185.4	4749.6	3606.1	2775.1	2235.7	1755.9	1295.8	875.7	503.9	282.3	234.2
-7.5°	5743.6	4436.8	3400.3	2660.8	2145.1	1676.6	1229.9	820.8	472.8	276.4	230.8
-10°	5149.0	4012.5	3119.6	2504.1	2020.6	1567.3	1138.9	744.8	429.6	268.2	225.9
-12.5°	4538.7	3563.7	2807.7	2308.2	1864.2	1429.4	1023.8	648.5	374.9	257.8	219.8
-15°	3865.7	3113.2	2554.0	2105.2	1683.3	1272.3	889.0	532.8	308.9	245.2	212.4
-17.5°	3289.6	2706.6	2271.9	1873.8	1477.9	1099.9	743.9	448.5	275.7	232.9	204.0
-20°	2758.3	2364.1	1994.5	1624.5	1257.8	907.9	580.9	355.0	257.8	222.3	196.1





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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°	2364.1	2035.3	1699.1	1355.4	1029.8	714.6	449.9	279.7	238.0	210.6	187.2
-25°	1994.5	1699.1	1391.3	1092.4	796.5	514.6	329.3	256.5	223.8	199.1	177.4
-27.5°	1624.5	1355.4	1092.4	824.0	558.7	376.6	269.0	233.5	208.9	187.8	166.1
-30°	1257.8	1029.8	796.5	558.7	392.5	275.4	240.7	216.5	195.2	175.4	153.9
-32.5°	907.9	714.6	514.6	376.6	275.4	243.8	220.3	199.8	181.6	161.6	144.6
-35°	580.9	449.9	329.3	269.0	240.7	220.3	201.3	184.5	166.3	148.5	135.9
-37.5°	355.0	279.7	256.5	233.5	216.5	199.8	184.5	167.9	150.5	138.7	127.4
-40°	257.8	238.0	223.8	208.9	195.2	181.6	166.3	150.5	139.7	129.1	118.9
-42.5°	222.3	210.6	199.1	187.8	175.4	161.6	148.5	138.7	129.1	119.7	111.8
-45°	196.1	187.2	177.4	166.1	153.9	144.6	135.9	127.4	118.9	111.8	105.0
-47.5°	172.4	163.6	153.9	146.1	138.8	131.3	124.0	116.6	110.6	104.3	97.4
-50°	148.5	143.3	137.5	131.5	125.5	119.1	113.5	108.2	102.4	96.1	88.1
-52.5°	132.3	128.0	123.3	118.2	113.7	109.3	104.5	99.2	93.5	85.0	75.2
-55°	117.7	114.6	111.3	107.8	103.9	99.4	94.7	88.4	79.9	71.1	62.4
-57.5°	106.6	103.8	100.5	97.0	93.2	87.3	80.3	72.9	65.4	57.7	49.8
-60°	94.7	92.1	87.3	82.2	76.5	70.5	64.4	58.0	51.2	45.1	38.8
-62.5°	77.0	73.1	68.9	64.4	59.6	54.4	49.1	44.1	38.9	33.5	29.5
-65°	58.2	54.9	51.2	47.7	44.0	40.0	35.7	32.0	28.7	25.1	21.6
-67.5°	41.3	38.8	36.0	33.2	30.9	28.4	25.7	22.8	20.5	18.4	16.2
-70°	28.0	26.4	24.7	22.8	21.1	19.6	18.1	16.4	14.6	13.2	12.0
-72.5°	18.5	17.6	16.6	15.5	14.3	13.4	12.5	11.6	10.6	9.6	8.7
-75°	12.2	11.7	11.1	10.5	9.9	9.2	8.7	8.2	7.7	7.2	6.7
-77.5°	8.1	7.8	7.6	7.3	7.0	6.6	6.3	5.9	5.6	5.3	5.0
-80°	5.5	5.4	5.2	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.8
-82.5°	3.8	3.8	3.7	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1
-85°	2.9	2.8	2.8	2.8	2.7	2.7	2.6	2.6	2.5	2.5	2.4
-87.5°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P640293 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.8	0.7	0.6
85°	2.4	2.3	2.2	2.1	2.1	2.0	1.8	1.7	1.5	1.4	1.2
82.5°	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.1	2.0	1.8
80°	3.7	3.6	3.4	3.3	3.1	3.0	2.8	2.7	2.5	2.4	2.2
77.5°	4.7	4.4	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5
75°	6.1	5.7	5.3	4.8	4.4	4.0	3.7	3.5	3.3	3.0	2.8
72.5°	8.1	7.4	6.7	5.9	5.4	4.9	4.4	3.9	3.6	3.4	3.1
70°	10.7	9.4	8.4	7.6	6.7	5.9	5.3	4.6	4.0	3.7	3.4
67.5°	14.0	12.5	10.9	9.4	8.2	7.2	6.2	5.4	4.7	4.0	3.6
65°	19.1	16.4	13.8	12.1	10.2	8.6	7.5	6.3	5.4	4.6	3.9
62.5°	25.2	21.3	18.2	15.1	12.7	10.7	8.8	7.5	6.2	5.3	4.4
60°	32.8	28.0	23.1	19.3	15.9	13.0	10.7	8.6	7.2	5.9	4.9
57.5°	42.7	35.4	29.6	24.2	19.7	15.9	12.7	10.2	8.2	6.7	5.4
55°	53.4	45.1	37.0	30.2	24.2	19.3	15.1	12.1	9.4	7.6	5.9
52.5°	65.3	55.3	45.9	37.0	29.6	23.1	18.2	13.8	10.9	8.4	6.7
50°	77.2	66.2	55.3	45.1	35.4	28.0	21.3	16.4	12.5	9.4	7.4
47.5°	89.1	77.2	65.3	53.4	42.7	32.8	25.2	19.1	14.0	10.7	8.1
45°	97.4	88.1	75.2	62.4	49.8	38.8	29.5	21.6	16.2	12.0	8.7
42.5°	104.3	96.1	85.0	71.1	57.7	45.1	33.5	25.1	18.4	13.2	9.6
40°	110.6	102.4	93.5	79.9	65.4	51.2	38.9	28.7	20.5	14.6	10.6
37.5°	116.6	108.2	99.2	88.4	72.9	58.0	44.1	32.0	22.8	16.4	11.6
35°	124.0	113.5	104.5	94.7	80.3	64.4	49.1	35.7	25.7	18.1	12.5
32.5°	131.3	119.1	109.3	99.4	87.3	70.5	54.4	40.0	28.4	19.6	13.4
30°	138.8	125.5	113.7	103.9	93.2	76.5	59.6	44.0	30.9	21.1	14.3
27.5°	146.1	131.5	118.2	107.8	97.0	82.2	64.4	47.7	33.2	22.8	15.5
25°	153.9	137.5	123.3	111.3	100.5	87.3	68.9	51.2	36.0	24.7	16.6
22.5°	163.6	143.3	128.0	114.6	103.8	92.1	73.1	54.9	38.8	26.4	17.6
20°	172.4	148.5	132.3	117.7	106.6	94.7	77.0	58.2	41.3	28.0	18.5
17.5°	180.2	154.5	136.5	121.2	109.0	97.1	80.5	61.2	43.6	29.4	19.3
15°	186.7	160.9	140.3	124.3	111.1	99.2	83.5	63.7	45.5	30.6	20.0
12.5°	192.2	166.3	143.5	126.9	112.9	100.9	86.1	65.9	47.2	31.6	20.6
10°	196.8	170.9	146.2	129.1	114.3	102.4	88.2	67.8	48.6	32.5	21.1
7.5°	200.3	174.4	148.3	130.8	115.5	103.5	89.9	69.2	49.6	33.1	21.5
5°	202.9	177.0	149.8	132.0	116.3	104.3	91.0	70.2	50.4	33.6	21.8
2.5°	204.5	178.5	150.7	132.8	116.8	104.8	91.8	70.8	50.8	33.9	21.9
0°	205.0	179.0	151.0	133.0	117.0	105.0	92.0	71.0	51.0	34.0	22.0
-2.5°	204.5	178.5	150.7	132.8	116.8	104.8	91.8	70.8	50.8	33.9	21.9
-5°	202.9	177.0	149.8	132.0	116.3	104.3	91.0	70.2	50.4	33.6	21.8
-7.5°	200.3	174.4	148.3	130.8	115.5	103.5	89.9	69.2	49.6	33.1	21.5
-10°	196.8	170.9	146.2	129.1	114.3	102.4	88.2	67.8	48.6	32.5	21.1
-12.5°	192.2	166.3	143.5	126.9	112.9	100.9	86.1	65.9	47.2	31.6	20.6
-15°	186.7	160.9	140.3	124.3	111.1	99.2	83.5	63.7	45.5	30.6	20.0
-17.5°	180.2	154.5	136.5	121.2	109.0	97.1	80.5	61.2	43.6	29.4	19.3
-20°	172.4	148.5	132.3	117.7	106.6	94.7	77.0	58.2	41.3	28.0	18.5



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	163.6	143.3	128.0	114.6	103.8	92.1	73.1	54.9	38.8	26.4	17.6
-25°	153.9	137.5	123.3	111.3	100.5	87.3	68.9	51.2	36.0	24.7	16.6
-27.5°	146.1	131.5	118.2	107.8	97.0	82.2	64.4	47.7	33.2	22.8	15.5
-30°	138.8	125.5	113.7	103.9	93.2	76.5	59.6	44.0	30.9	21.1	14.3
-32.5°	131.3	119.1	109.3	99.4	87.3	70.5	54.4	40.0	28.4	19.6	13.4
-35°	124.0	113.5	104.5	94.7	80.3	64.4	49.1	35.7	25.7	18.1	12.5
-37.5°	116.6	108.2	99.2	88.4	72.9	58.0	44.1	32.0	22.8	16.4	11.6
-40°	110.6	102.4	93.5	79.9	65.4	51.2	38.9	28.7	20.5	14.6	10.6
-42.5°	104.3	96.1	85.0	71.1	57.7	45.1	33.5	25.1	18.4	13.2	9.6
-45°	97.4	88.1	75.2	62.4	49.8	38.8	29.5	21.6	16.2	12.0	8.7
-47.5°	89.1	77.2	65.3	53.4	42.7	32.8	25.2	19.1	14.0	10.7	8.1
-50°	77.2	66.2	55.3	45.1	35.4	28.0	21.3	16.4	12.5	9.4	7.4
-52.5°	65.3	55.3	45.9	37.0	29.6	23.1	18.2	13.8	10.9	8.4	6.7
-55°	53.4	45.1	37.0	30.2	24.2	19.3	15.1	12.1	9.4	7.6	5.9
-57.5°	42.7	35.4	29.6	24.2	19.7	15.9	12.7	10.2	8.2	6.7	5.4
-60°	32.8	28.0	23.1	19.3	15.9	13.0	10.7	8.6	7.2	5.9	4.9
-62.5°	25.2	21.3	18.2	15.1	12.7	10.7	8.8	7.5	6.2	5.3	4.4
-65°	19.1	16.4	13.8	12.1	10.2	8.6	7.5	6.3	5.4	4.6	3.9
-67.5°	14.0	12.5	10.9	9.4	8.2	7.2	6.2	5.4	4.7	4.0	3.6
-70°	10.7	9.4	8.4	7.6	6.7	5.9	5.3	4.6	4.0	3.7	3.4
-72.5°	8.1	7.4	6.7	5.9	5.4	4.9	4.4	3.9	3.6	3.4	3.1
-75°	6.1	5.7	5.3	4.8	4.4	4.0	3.7	3.5	3.3	3.0	2.8
-77.5°	4.7	4.4	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5
-80°	3.7	3.6	3.4	3.3	3.1	3.0	2.8	2.7	2.5	2.4	2.2
-82.5°	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.1	2.0	1.8
-85°	2.4	2.3	2.2	2.1	2.1	2.0	1.8	1.7	1.5	1.4	1.2
-87.5°	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.8	0.7	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
82.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
80°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
77.5°	2.3	2.1	1.7	1.3	0.9	0.4	0.0
75°	2.5	2.3	2.0	1.5	1.0	0.5	0.0
72.5°	2.8	2.5	2.2	1.8	1.2	0.6	0.0
70°	3.0	2.7	2.4	2.0	1.4	0.7	0.0
67.5°	3.3	2.9	2.5	2.1	1.5	0.8	0.0
65°	3.5	3.1	2.7	2.3	1.7	0.8	0.0
62.5°	3.7	3.3	2.8	2.4	1.8	0.9	0.0
60°	4.0	3.5	3.0	2.5	2.0	1.0	0.0
57.5°	4.4	3.7	3.1	2.6	2.1	1.1	0.0
55°	4.8	3.9	3.3	2.7	2.1	1.1	0.0
52.5°	5.3	4.1	3.4	2.8	2.2	1.2	0.0
50°	5.7	4.4	3.6	2.9	2.3	1.3	0.0
47.5°	6.1	4.7	3.7	3.0	2.4	1.4	0.0
45°	6.7	5.0	3.8	3.1	2.4	1.4	0.0
42.5°	7.2	5.3	3.9	3.2	2.5	1.5	0.0
40°	7.7	5.6	4.1	3.3	2.5	1.5	0.0
37.5°	8.2	5.9	4.3	3.4	2.6	1.6	0.0
35°	8.7	6.3	4.5	3.5	2.6	1.6	0.0
32.5°	9.2	6.6	4.7	3.5	2.7	1.7	0.0
30°	9.9	7.0	4.9	3.6	2.7	1.7	0.0
27.5°	10.5	7.3	5.1	3.7	2.8	1.8	0.0
25°	11.1	7.6	5.2	3.7	2.8	1.8	0.0
22.5°	11.7	7.8	5.4	3.8	2.8	1.8	0.0
20°	12.2	8.1	5.5	3.8	2.9	1.9	0.0
17.5°	12.6	8.3	5.6	3.9	2.9	1.9	0.0
15°	13.0	8.5	5.7	3.9	2.9	1.9	0.0
12.5°	13.3	8.6	5.8	3.9	3.0	2.0	0.0
10°	13.5	8.8	5.9	4.0	3.0	2.0	0.0
7.5°	13.7	8.9	5.9	4.0	3.0	2.0	0.0
5°	13.9	8.9	6.0	4.0	3.0	2.0	0.0
2.5°	14.0	9.0	6.0	4.0	3.0	2.0	0.0
0°	14.0	9.0	6.0	4.0	3.0	2.0	0.0
-2.5°	14.0	9.0	6.0	4.0	3.0	2.0	0.0
-5°	13.9	8.9	6.0	4.0	3.0	2.0	0.0
-7.5°	13.7	8.9	5.9	4.0	3.0	2.0	0.0
-10°	13.5	8.8	5.9	4.0	3.0	2.0	0.0
-12.5°	13.3	8.6	5.8	3.9	3.0	2.0	0.0
-15°	13.0	8.5	5.7	3.9	2.9	1.9	0.0
-17.5°	12.6	8.3	5.6	3.9	2.9	1.9	0.0
-20°	12.2	8.1	5.5	3.8	2.9	1.9	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	11.7	7.8	5.4	3.8	2.8	1.8	0.0
-25°	11.1	7.6	5.2	3.7	2.8	1.8	0.0
-27.5°	10.5	7.3	5.1	3.7	2.8	1.8	0.0
-30°	9.9	7.0	4.9	3.6	2.7	1.7	0.0
-32.5°	9.2	6.6	4.7	3.5	2.7	1.7	0.0
-35°	8.7	6.3	4.5	3.5	2.6	1.6	0.0
-37.5°	8.2	5.9	4.3	3.4	2.6	1.6	0.0
-40°	7.7	5.6	4.1	3.3	2.5	1.5	0.0
-42.5°	7.2	5.3	3.9	3.2	2.5	1.5	0.0
-45°	6.7	5.0	3.8	3.1	2.4	1.4	0.0
-47.5°	6.1	4.7	3.7	3.0	2.4	1.4	0.0
-50°	5.7	4.4	3.6	2.9	2.3	1.3	0.0
-52.5°	5.3	4.1	3.4	2.8	2.2	1.2	0.0
-55°	4.8	3.9	3.3	2.7	2.1	1.1	0.0
-57.5°	4.4	3.7	3.1	2.6	2.1	1.1	0.0
-60°	4.0	3.5	3.0	2.5	2.0	1.0	0.0
-62.5°	3.7	3.3	2.8	2.4	1.8	0.9	0.0
-65°	3.5	3.1	2.7	2.3	1.7	0.8	0.0
-67.5°	3.3	2.9	2.5	2.1	1.5	0.8	0.0
-70°	3.0	2.7	2.4	2.0	1.4	0.7	0.0
-72.5°	2.8	2.5	2.2	1.8	1.2	0.6	0.0
-75°	2.5	2.3	2.0	1.5	1.0	0.5	0.0
-77.5°	2.3	2.1	1.7	1.3	0.9	0.4	0.0
-80°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
-82.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
-85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
-87.5°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)