

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: P640297 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-08PR-500PL-RGB-5S\_GREEN ONLY**

Issue Date: 2/13/2023

**Test Information**

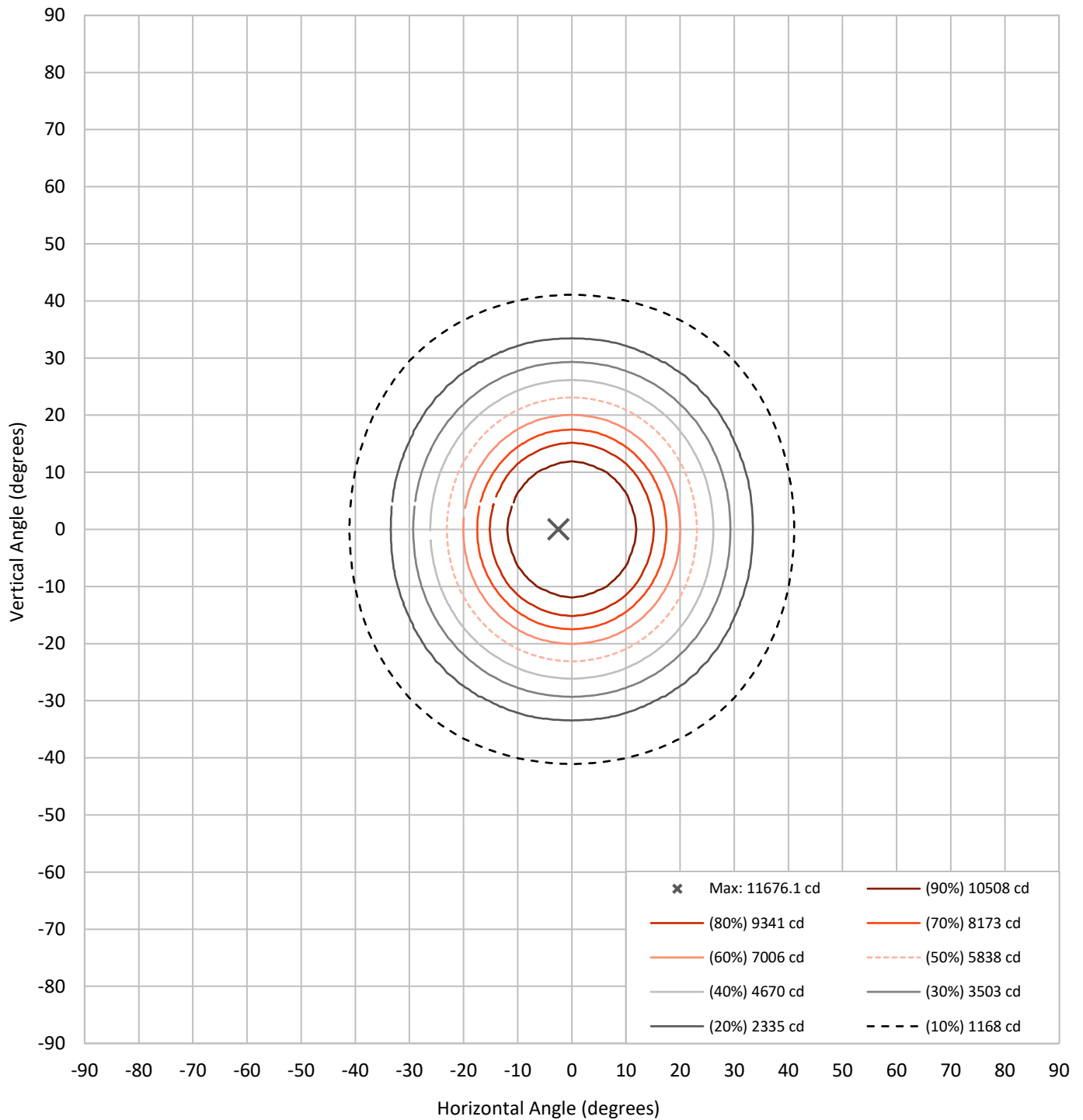
Test Method: LM-79-08  
Report Number: P640297 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-885-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/13/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-LS-08PR-500PL-RGB-5S\_GREEN ONLY  
Description: LUMASPORT 8 PRISM RGB  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	7961 lumens	Max Intensity:	11676.1 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	59.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	46.2°H x 46°V	Field Angle (10%):	82.2°H x 82°V
Beam Lumens:	4412.9 lumens	Field Lumens:	7333.8 lumens
Beam Efficiency:	55.4%	Field Efficiency:	92.1%
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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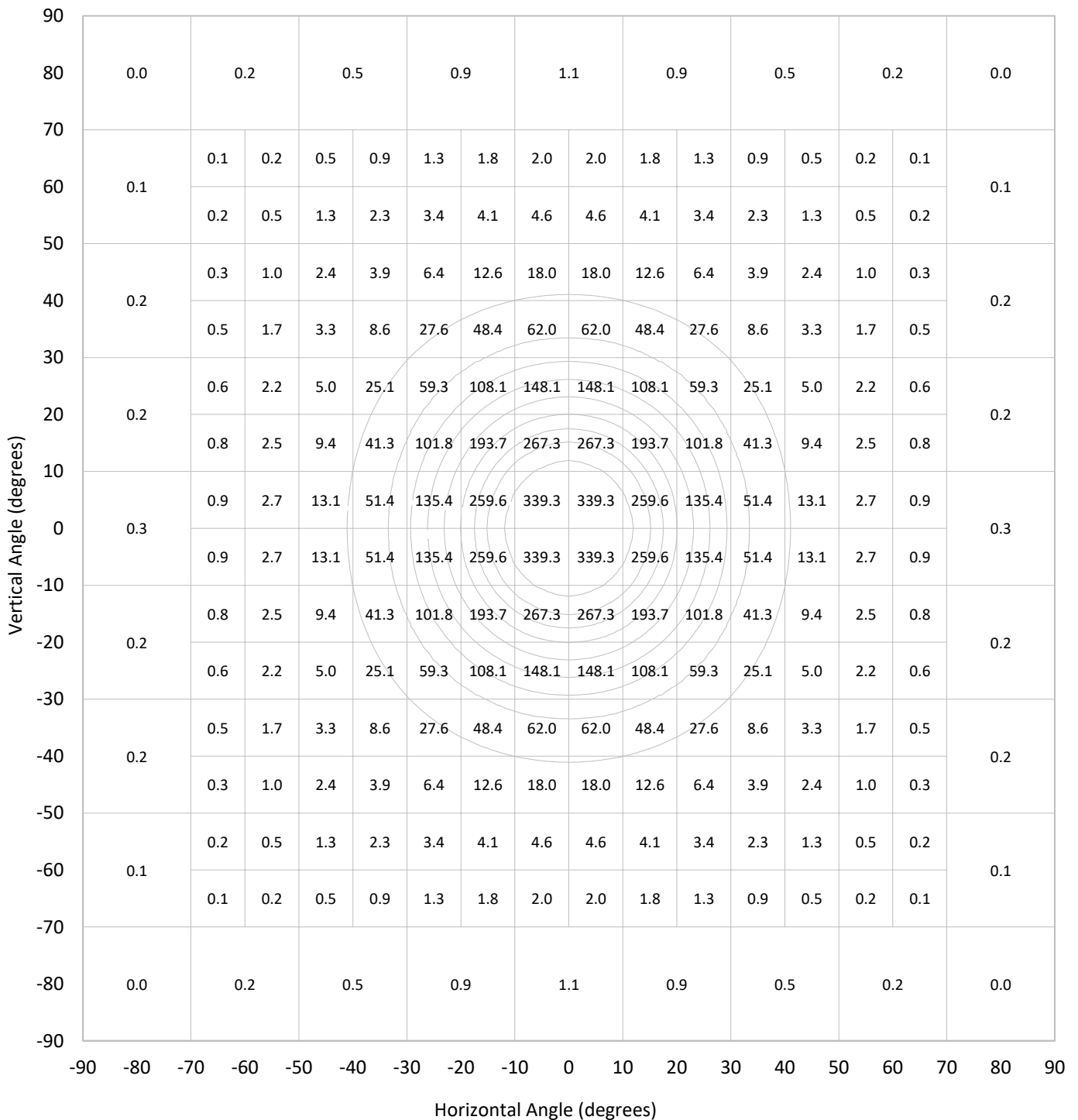
### Iso-Candela Plot





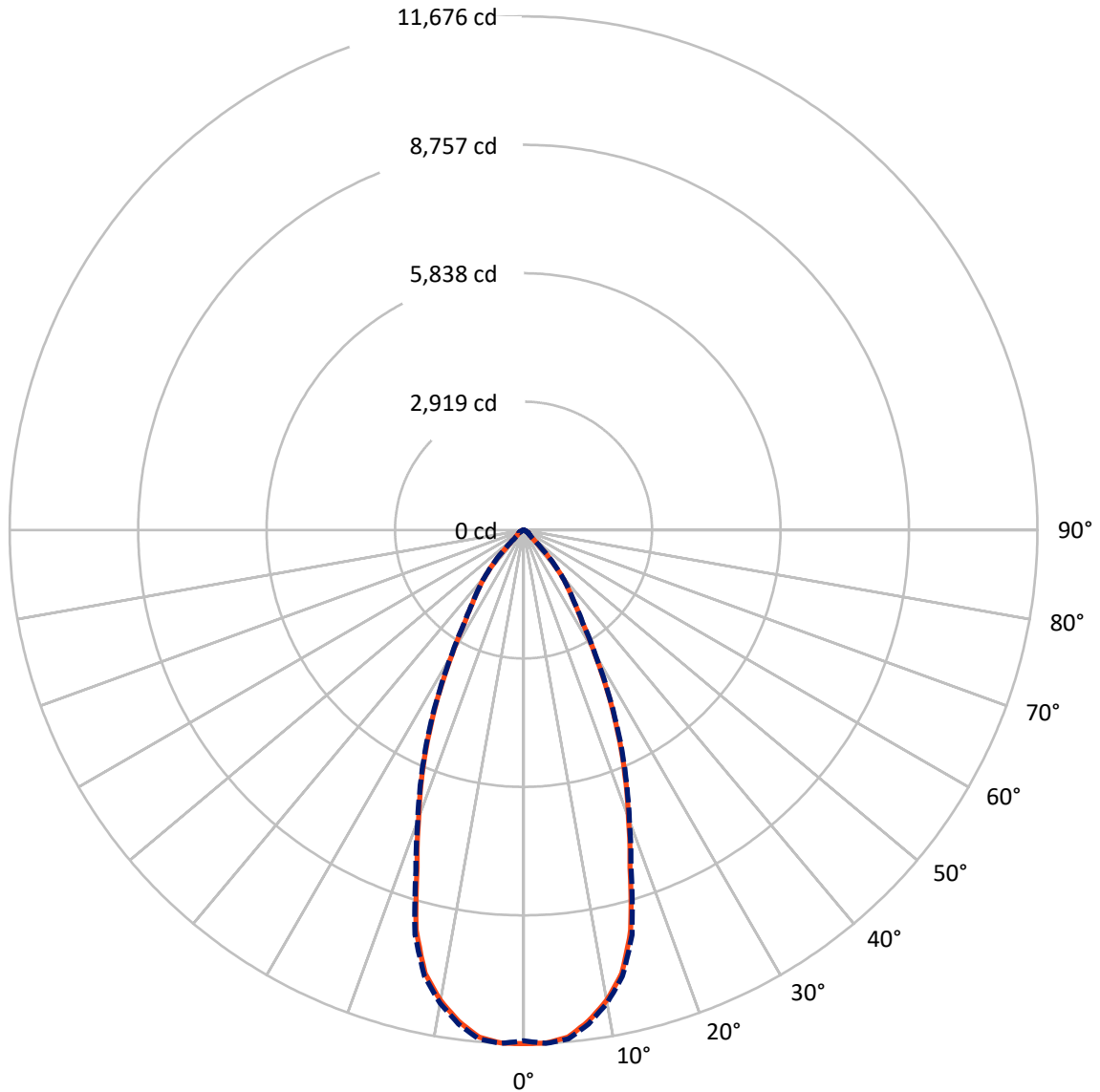
REPORT NUMBER: P640297 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S\_GREEN ONLY

### Lumen Table



REPORT NUMBER: P640297 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S\_GREEN ONLY

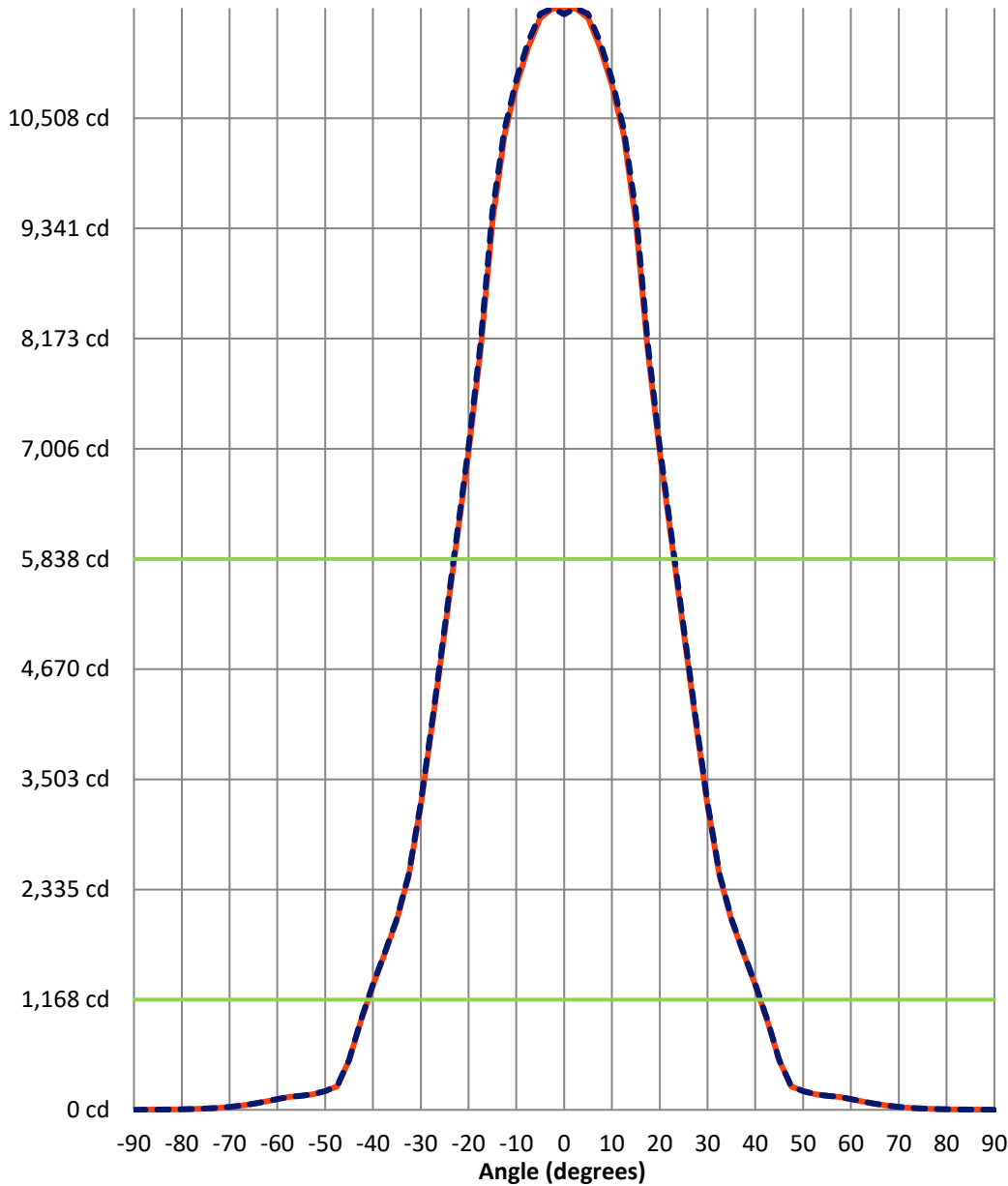
### Luminous Intensity Polar Plot



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

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CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S\_GREEN ONLY

### Luminous Intensity Plot



**Beam:**  
H Angle: 46.2°  
V Angle: 46°  
Lumens: 4412.9  
Efficiency: 55.4%

**Field:**  
H Angle: 82.2°  
V Angle: 82°  
Lumens: 7333.8  
Efficiency: 92.1%

**Spill:**  
Lumens: 627.2  
Efficiency: 7.9%

— 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	15.8
47.5°	0.0	1.4	2.4	3.0	3.7	4.7	6.1	8.1	10.7	14.0	17.8
45°	0.0	1.4	2.4	3.1	3.8	5.0	6.7	8.7	12.0	15.7	19.7
42.5°	0.0	1.5	2.5	3.2	3.9	5.3	7.2	9.6	13.2	17.3	22.9
40°	0.0	1.5	2.5	3.3	4.1	5.6	7.7	10.6	14.5	18.9	26.1
37.5°	0.0	1.6	2.6	3.4	4.3	5.9	8.2	11.6	15.8	20.8	29.2
35°	0.0	1.6	2.6	3.5	4.5	6.3	8.7	12.5	17.0	23.4	32.5
32.5°	0.0	1.7	2.7	3.5	4.7	6.6	9.2	13.4	18.2	25.8	36.3
30°	0.0	1.7	2.7	3.6	4.9	7.0	9.9	14.2	19.4	28.2	39.8
27.5°	0.0	1.8	2.8	3.7	5.1	7.3	10.5	15.1	20.7	30.3	43.1
25°	0.0	1.8	2.8	3.7	5.2	7.6	11.1	16.0	22.5	32.8	46.2
22.5°	0.0	1.8	2.8	3.8	5.4	7.8	11.7	16.7	24.0	35.2	49.7
20°	0.0	1.9	2.9	3.8	5.5	8.1	12.2	17.4	25.5	37.5	52.8
17.5°	0.0	1.9	2.9	3.9	5.6	8.3	12.6	18.0	26.8	39.4	55.6
15°	0.0	1.9	2.9	3.9	5.7	8.5	13.0	18.5	27.9	41.2	58.1
12.5°	0.0	2.0	3.0	3.9	5.8	8.6	13.3	19.0	28.8	42.6	60.2
10°	0.0	2.0	3.0	4.0	5.9	8.8	13.5	19.3	29.6	43.8	61.9
7.5°	0.0	2.0	3.0	4.0	5.9	8.9	13.7	19.6	30.2	44.8	63.3
5°	0.0	2.0	3.0	4.0	6.0	8.9	13.9	19.8	30.7	45.5	64.2
2.5°	0.0	2.0	3.0	4.0	6.0	9.0	14.0	20.0	30.9	45.9	64.8
0°	0.0	2.0	3.0	4.0	6.0	9.0	14.0	20.0	31.0	46.0	65.0
-2.5°	0.0	2.0	3.0	4.0	6.0	9.0	14.0	20.0	30.9	45.9	64.8
-5°	0.0	2.0	3.0	4.0	6.0	8.9	13.9	19.8	30.7	45.5	64.2
-7.5°	0.0	2.0	3.0	4.0	5.9	8.9	13.7	19.6	30.2	44.8	63.3
-10°	0.0	2.0	3.0	4.0	5.9	8.8	13.5	19.3	29.6	43.8	61.9
-12.5°	0.0	2.0	3.0	3.9	5.8	8.6	13.3	19.0	28.8	42.6	60.2
-15°	0.0	1.9	2.9	3.9	5.7	8.5	13.0	18.5	27.9	41.2	58.1
-17.5°	0.0	1.9	2.9	3.9	5.6	8.3	12.6	18.0	26.8	39.4	55.6
-20°	0.0	1.9	2.9	3.8	5.5	8.1	12.2	17.4	25.5	37.5	52.8



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 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S\_GREEN ONLY

**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	16.7	24.0	35.2	49.7
-25°	0.0	1.8	2.8	3.7	5.2	7.6	11.1	16.0	22.5	32.8	46.2
-27.5°	0.0	1.8	2.8	3.7	5.1	7.3	10.5	15.1	20.7	30.3	43.1
-30°	0.0	1.7	2.7	3.6	4.9	7.0	9.9	14.2	19.4	28.2	39.8
-32.5°	0.0	1.7	2.7	3.5	4.7	6.6	9.2	13.4	18.2	25.8	36.3
-35°	0.0	1.6	2.6	3.5	4.5	6.3	8.7	12.5	17.0	23.4	32.5
-37.5°	0.0	1.6	2.6	3.4	4.3	5.9	8.2	11.6	15.8	20.8	29.2
-40°	0.0	1.5	2.5	3.3	4.1	5.6	7.7	10.6	14.5	18.9	26.1
-42.5°	0.0	1.5	2.5	3.2	3.9	5.3	7.2	9.6	13.2	17.3	22.9
-45°	0.0	1.4	2.4	3.1	3.8	5.0	6.7	8.7	12.0	15.7	19.7
-47.5°	0.0	1.4	2.4	3.0	3.7	4.7	6.1	8.1	10.7	14.0	17.8
-50°	0.0	1.3	2.3	2.9	3.6	4.4	5.7	7.4	9.4	12.5	15.8
-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-5S\_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	14.5	15.8
67.5°	6.2	7.2	8.2	9.4	10.9	12.5	14.0	15.7	17.3	18.9	20.8
65°	7.5	8.6	10.2	12.1	13.8	15.8	17.8	19.7	22.9	26.1	29.2
62.5°	8.8	10.7	12.7	14.9	17.2	19.4	23.0	26.8	30.6	35.3	39.9
60°	10.7	13.0	15.4	18.0	21.0	25.5	29.9	35.2	40.8	46.2	52.6
57.5°	12.7	15.4	18.3	22.0	27.0	32.2	38.7	45.0	52.4	59.7	67.1
55°	14.9	18.0	22.0	27.5	33.6	40.8	48.3	56.8	65.2	74.8	84.0
52.5°	17.2	21.0	27.0	33.6	41.5	50.1	59.6	69.6	80.3	91.1	102.3
50°	19.4	25.5	32.2	40.8	50.1	60.5	71.8	83.7	96.2	108.8	120.3
47.5°	23.0	29.9	38.7	48.3	59.6	71.8	84.8	98.8	112.7	125.2	137.1
45°	26.8	35.2	45.0	56.8	69.6	83.7	98.8	114.0	127.6	139.3	145.1
42.5°	30.6	40.8	52.4	65.2	80.3	96.2	112.7	127.6	139.9	146.3	154.4
40°	35.3	46.2	59.7	74.8	91.1	108.8	125.2	139.3	146.3	155.3	165.5
37.5°	39.9	52.6	67.1	84.0	102.3	120.3	137.1	145.1	154.4	165.5	185.9
35°	44.3	58.8	75.2	93.5	113.1	131.0	142.8	151.7	163.6	184.0	210.1
32.5°	49.2	64.6	82.9	102.9	122.6	139.4	147.8	159.9	178.5	204.1	240.6
30°	54.1	71.1	90.4	111.8	131.4	143.8	154.5	169.4	194.8	231.5	351.2
27.5°	58.8	77.2	98.0	119.6	138.8	147.9	161.4	183.7	216.5	284.9	499.4
25°	63.0	82.9	105.1	126.7	142.3	153.3	169.4	197.1	239.1	415.0	695.9
22.5°	67.3	88.1	111.5	133.2	145.6	158.7	180.8	215.4	299.4	538.6	893.9
20°	71.6	93.5	117.1	138.5	148.5	163.7	191.2	233.1	402.0	707.5	1061.1
17.5°	75.4	98.2	121.9	140.9	152.3	170.1	201.4	249.0	494.4	859.9	1205.6
15°	78.7	102.3	126.1	143.0	155.9	177.6	214.3	315.7	600.0	989.9	1333.4
12.5°	81.5	105.9	129.7	144.8	159.0	184.1	225.4	380.2	706.9	1091.8	1434.2
10°	83.8	108.8	132.7	146.3	161.5	189.4	234.5	433.6	795.6	1176.4	1518.2
7.5°	85.7	111.1	135.0	147.5	163.4	193.6	241.7	475.5	865.3	1243.1	1584.5
5°	87.0	112.7	136.7	148.3	164.9	196.6	246.9	505.7	915.5	1291.2	1632.4
2.5°	87.7	113.7	137.7	148.8	165.7	198.4	250.0	523.9	945.9	1320.3	1661.3
0°	<b>88.0</b>	<b>114.0</b>	<b>138.0</b>	<b>149.0</b>	<b>166.0</b>	<b>199.0</b>	<b>251.0</b>	<b>530.0</b>	<b>956.0</b>	<b>1330.0</b>	<b>1671.0</b>
-2.5°	87.7	113.7	137.7	148.8	165.7	198.4	250.0	523.9	945.9	1320.3	1661.3
-5°	87.0	112.7	136.7	148.3	164.9	196.6	246.9	505.7	915.5	1291.2	1632.4
-7.5°	85.7	111.1	135.0	147.5	163.4	193.6	241.7	475.5	865.3	1243.1	1584.5
-10°	83.8	108.8	132.7	146.3	161.5	189.4	234.5	433.6	795.6	1176.4	1518.2
-12.5°	81.5	105.9	129.7	144.8	159.0	184.1	225.4	380.2	706.9	1091.8	1434.2
-15°	78.7	102.3	126.1	143.0	155.9	177.6	214.3	315.7	600.0	989.9	1333.4
-17.5°	75.4	98.2	121.9	140.9	152.3	170.1	201.4	249.0	494.4	859.9	1205.6
-20°	71.6	93.5	117.1	138.5	148.5	163.7	191.2	233.1	402.0	707.5	1061.1



REPORT NUMBER: P640297 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S\_GREEN ONLY

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	67.3	88.1	111.5	133.2	145.6	158.7	180.8	215.4	299.4	538.6	893.9
-25°	63.0	82.9	105.1	126.7	142.3	153.3	169.4	197.1	239.1	415.0	695.9
-27.5°	58.8	77.2	98.0	119.6	138.8	147.9	161.4	183.7	216.5	284.9	499.4
-30°	54.1	71.1	90.4	111.8	131.4	143.8	154.5	169.4	194.8	231.5	351.2
-32.5°	49.2	64.6	82.9	102.9	122.6	139.4	147.8	159.9	178.5	204.1	240.6
-35°	44.3	58.8	75.2	93.5	113.1	131.0	142.8	151.7	163.6	184.0	210.1
-37.5°	39.9	52.6	67.1	84.0	102.3	120.3	137.1	145.1	154.4	165.5	185.9
-40°	35.3	46.2	59.7	74.8	91.1	108.8	125.2	139.3	146.3	155.3	165.5
-42.5°	30.6	40.8	52.4	65.2	80.3	96.2	112.7	127.6	139.9	146.3	154.4
-45°	26.8	35.2	45.0	56.8	69.6	83.7	98.8	114.0	127.6	139.3	145.1
-47.5°	23.0	29.9	38.7	48.3	59.6	71.8	84.8	98.8	112.7	125.2	137.1
-50°	19.4	25.5	32.2	40.8	50.1	60.5	71.8	83.7	96.2	108.8	120.3
-52.5°	17.2	21.0	27.0	33.6	41.5	50.1	59.6	69.6	80.3	91.1	102.3
-55°	14.9	18.0	22.0	27.5	33.6	40.8	48.3	56.8	65.2	74.8	84.0
-57.5°	12.7	15.4	18.3	22.0	27.0	32.2	38.7	45.0	52.4	59.7	67.1
-60°	10.7	13.0	15.4	18.0	21.0	25.5	29.9	35.2	40.8	46.2	52.6
-62.5°	8.8	10.7	12.7	14.9	17.2	19.4	23.0	26.8	30.6	35.3	39.9
-65°	7.5	8.6	10.2	12.1	13.8	15.8	17.8	19.7	22.9	26.1	29.2
-67.5°	6.2	7.2	8.2	9.4	10.9	12.5	14.0	15.7	17.3	18.9	20.8
-70°	5.3	5.9	6.7	7.6	8.4	9.4	10.7	12.0	13.2	14.5	15.8
-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



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**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	14.2	15.1	16.0	16.7	17.4	18.0	18.5	19.0	19.3
70°	17.0	18.2	19.4	20.7	22.5	24.0	25.5	26.8	27.9	28.8	29.6
67.5°	23.4	25.8	28.2	30.3	32.8	35.2	37.5	39.4	41.2	42.6	43.8
65°	32.5	36.3	39.8	43.1	46.2	49.7	52.8	55.6	58.1	60.2	61.9
62.5°	44.3	49.2	54.1	58.8	63.0	67.3	71.6	75.4	78.7	81.5	83.8
60°	58.8	64.6	71.1	77.2	82.9	88.1	93.5	98.2	102.3	105.9	108.8
57.5°	75.2	82.9	90.4	98.0	105.1	111.5	117.1	121.9	126.1	129.7	132.7
55°	93.5	102.9	111.8	119.6	126.7	133.2	138.5	140.9	143.0	144.8	146.3
52.5°	113.1	122.6	131.4	138.8	142.3	145.6	148.5	152.3	155.9	159.0	161.5
50°	131.0	139.4	143.8	147.9	153.3	158.7	163.7	170.1	177.6	184.1	189.4
47.5°	142.8	147.8	154.5	161.4	169.4	180.8	191.2	201.4	214.3	225.4	234.5
45°	151.7	159.9	169.4	183.7	197.1	215.4	233.1	249.0	315.7	380.2	433.6
42.5°	163.6	178.5	194.8	216.5	239.1	299.4	402.0	494.4	600.0	706.9	795.6
40°	184.0	204.1	231.5	284.9	415.0	538.6	707.5	859.9	989.9	1091.8	1176.4
37.5°	210.1	240.6	351.2	499.4	695.9	893.9	1061.1	1205.6	1333.4	1434.2	1518.2
35°	243.6	384.8	561.8	803.0	1021.3	1207.7	1375.2	1517.4	1643.9	1756.9	1852.1
32.5°	384.8	588.2	857.1	1094.5	1307.7	1491.9	1660.4	1819.8	1962.5	2107.2	2246.5
30°	561.8	857.1	1119.1	1355.9	1563.3	1761.9	1950.5	2156.3	2363.8	2569.8	2810.7
27.5°	803.0	1094.5	1355.9	1587.3	1813.7	2032.5	2304.3	2584.7	2941.1	3253.6	3570.3
25°	1021.3	1307.7	1563.3	1813.7	2068.8	2379.8	2770.6	3197.7	3651.1	4061.4	4424.4
22.5°	1207.7	1491.9	1761.9	2032.5	2379.8	2833.4	3343.9	3897.8	4417.6	4893.0	5300.0
20°	1375.2	1660.4	1950.5	2304.3	2770.6	3343.9	3981.5	4603.8	5186.0	5708.3	6159.6
17.5°	1517.4	1819.8	2156.3	2584.7	3197.7	3897.8	4603.8	5285.9	5920.0	6495.8	6999.3
15°	1643.9	1962.5	2363.8	2941.1	3651.1	4417.6	5186.0	5920.0	6611.1	7277.5	7921.7
12.5°	1756.9	2107.2	2569.8	3253.6	4061.4	4893.0	5708.3	6495.8	7277.5	8078.2	8988.7
10°	1852.1	2246.5	2810.7	3570.3	4424.4	5300.0	6159.6	6999.3	7921.7	8988.7	9877.3
7.5°	1927.4	2357.0	3002.5	3823.7	4720.6	5629.2	6528.6	7470.5	8555.2	9703.7	10391.7
5°	1982.0	2437.1	3141.9	4008.6	4937.7	5871.9	6802.7	7827.5	9080.9	10103.4	10686.0
2.5°	2015.0	2485.7	3226.6	4121.2	5070.4	6020.8	6971.9	8049.6	9411.9	10321.0	10859.2
0°	2026.0	2502.0	3255.0	4159.0	5115.0	6071.0	7029.1	8125.1	9525.1	10385.6	10920.1
-2.5°	2015.0	2485.7	3226.6	4121.2	5070.4	6020.8	6971.9	8049.6	9411.9	10321.0	10859.2
-5°	1982.0	2437.1	3141.9	4008.6	4937.7	5871.9	6802.7	7827.5	9080.9	10103.4	10686.0
-7.5°	1927.4	2357.0	3002.5	3823.7	4720.6	5629.2	6528.6	7470.5	8555.2	9703.7	10391.7
-10°	1852.1	2246.5	2810.7	3570.3	4424.4	5300.0	6159.6	6999.3	7921.7	8988.7	9877.3
-12.5°	1756.9	2107.2	2569.8	3253.6	4061.4	4893.0	5708.3	6495.8	7277.5	8078.2	8988.7
-15°	1643.9	1962.5	2363.8	2941.1	3651.1	4417.6	5186.0	5920.0	6611.1	7277.5	7921.7
-17.5°	1517.4	1819.8	2156.3	2584.7	3197.7	3897.8	4603.8	5285.9	5920.0	6495.8	6999.3
-20°	1375.2	1660.4	1950.5	2304.3	2770.6	3343.9	3981.5	4603.8	5186.0	5708.3	6159.6



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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°	1207.7	1491.9	1761.9	2032.5	2379.8	2833.4	3343.9	3897.8	4417.6	4893.0	5300.0
-25°	1021.3	1307.7	1563.3	1813.7	2068.8	2379.8	2770.6	3197.7	3651.1	4061.4	4424.4
-27.5°	803.0	1094.5	1355.9	1587.3	1813.7	2032.5	2304.3	2584.7	2941.1	3253.6	3570.3
-30°	561.8	857.1	1119.1	1355.9	1563.3	1761.9	1950.5	2156.3	2363.8	2569.8	2810.7
-32.5°	384.8	588.2	857.1	1094.5	1307.7	1491.9	1660.4	1819.8	1962.5	2107.2	2246.5
-35°	243.6	384.8	561.8	803.0	1021.3	1207.7	1375.2	1517.4	1643.9	1756.9	1852.1
-37.5°	210.1	240.6	351.2	499.4	695.9	893.9	1061.1	1205.6	1333.4	1434.2	1518.2
-40°	184.0	204.1	231.5	284.9	415.0	538.6	707.5	859.9	989.9	1091.8	1176.4
-42.5°	163.6	178.5	194.8	216.5	239.1	299.4	402.0	494.4	600.0	706.9	795.6
-45°	151.7	159.9	169.4	183.7	197.1	215.4	233.1	249.0	315.7	380.2	433.6
-47.5°	142.8	147.8	154.5	161.4	169.4	180.8	191.2	201.4	214.3	225.4	234.5
-50°	131.0	139.4	143.8	147.9	153.3	158.7	163.7	170.1	177.6	184.1	189.4
-52.5°	113.1	122.6	131.4	138.8	142.3	145.6	148.5	152.3	155.9	159.0	161.5
-55°	93.5	102.9	111.8	119.6	126.7	133.2	138.5	140.9	143.0	144.8	146.3
-57.5°	75.2	82.9	90.4	98.0	105.1	111.5	117.1	121.9	126.1	129.7	132.7
-60°	58.8	64.6	71.1	77.2	82.9	88.1	93.5	98.2	102.3	105.9	108.8
-62.5°	44.3	49.2	54.1	58.8	63.0	67.3	71.6	75.4	78.7	81.5	83.8
-65°	32.5	36.3	39.8	43.1	46.2	49.7	52.8	55.6	58.1	60.2	61.9
-67.5°	23.4	25.8	28.2	30.3	32.8	35.2	37.5	39.4	41.2	42.6	43.8
-70°	17.0	18.2	19.4	20.7	22.5	24.0	25.5	26.8	27.9	28.8	29.6
-72.5°	12.5	13.4	14.2	15.1	16.0	16.7	17.4	18.0	18.5	19.0	19.3
-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



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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°	19.6	19.8	20.0	20.0	20.0	19.8	19.6	19.3	19.0	18.5	18.0
70°	30.2	30.7	30.9	31.0	30.9	30.7	30.2	29.6	28.8	27.9	26.8
67.5°	44.8	45.5	45.9	46.0	45.9	45.5	44.8	43.8	42.6	41.2	39.4
65°	63.3	64.2	64.8	65.0	64.8	64.2	63.3	61.9	60.2	58.1	55.6
62.5°	85.7	87.0	87.7	88.0	87.7	87.0	85.7	83.8	81.5	78.7	75.4
60°	111.1	112.7	113.7	114.0	113.7	112.7	111.1	108.8	105.9	102.3	98.2
57.5°	135.0	136.7	137.7	138.0	137.7	136.7	135.0	132.7	129.7	126.1	121.9
55°	147.5	148.3	148.8	149.0	148.8	148.3	147.5	146.3	144.8	143.0	140.9
52.5°	163.4	164.9	165.7	166.0	165.7	164.9	163.4	161.5	159.0	155.9	152.3
50°	193.6	196.6	198.4	199.0	198.4	196.6	193.6	189.4	184.1	177.6	170.1
47.5°	241.7	246.9	250.0	251.0	250.0	246.9	241.7	234.5	225.4	214.3	201.4
45°	475.5	505.7	523.9	530.0	523.9	505.7	475.5	433.6	380.2	315.7	249.0
42.5°	865.3	915.5	945.9	956.0	945.9	915.5	865.3	795.6	706.9	600.0	494.4
40°	1243.1	1291.2	1320.3	1330.0	1320.3	1291.2	1243.1	1176.4	1091.8	989.9	859.9
37.5°	1584.5	1632.4	1661.3	1671.0	1661.3	1632.4	1584.5	1518.2	1434.2	1333.4	1205.6
35°	1927.4	1982.0	2015.0	2026.0	2015.0	1982.0	1927.4	1852.1	1756.9	1643.9	1517.4
32.5°	2357.0	2437.1	2485.7	2502.0	2485.7	2437.1	2357.0	2246.5	2107.2	1962.5	1819.8
30°	3002.5	3141.9	3226.6	3255.0	3226.6	3141.9	3002.5	2810.7	2569.8	2363.8	2156.3
27.5°	3823.7	4008.6	4121.2	4159.0	4121.2	4008.6	3823.7	3570.3	3253.6	2941.1	2584.7
25°	4720.6	4937.7	5070.4	5115.0	5070.4	4937.7	4720.6	4424.4	4061.4	3651.1	3197.7
22.5°	5629.2	5871.9	6020.8	6071.0	6020.8	5871.9	5629.2	5300.0	4893.0	4417.6	3897.8
20°	6528.6	6802.7	6971.9	7029.1	6971.9	6802.7	6528.6	6159.6	5708.3	5186.0	4603.8
17.5°	7470.5	7827.5	8049.6	8125.1	8049.6	7827.5	7470.5	6999.3	6495.8	5920.0	5285.9
15°	8555.2	9080.9	9411.9	9525.1	9411.9	9080.9	8555.2	7921.7	7277.5	6611.1	5920.0
12.5°	9703.7	10103.4	10321.0	10385.6	10321.0	10103.4	9703.7	8988.7	8078.2	7277.5	6495.8
10°	10391.7	10686.0	10859.2	10920.1	10859.2	10686.0	10391.7	9877.3	8988.7	7921.7	6999.3
7.5°	10801.8	11099.0	11261.5	11321.6	11261.5	11099.0	10801.8	10391.7	9703.7	8555.2	7470.5
5°	11099.0	11386.2	11570.5	11614.1	11570.5	11386.2	11099.0	10686.0	10103.4	9080.9	7827.5
2.5°	11261.5	11570.5	11669.4	11676.1	11669.4	11570.5	11261.5	10859.2	10321.0	9411.9	8049.6
0°	11321.6	11614.1	11676.1	11611.1	11676.1	11614.1	11321.6	10920.1	10385.6	9525.1	8125.1
-2.5°	11261.5	11570.5	11669.4	11676.1	11669.4	11570.5	11261.5	10859.2	10321.0	9411.9	8049.6
-5°	11099.0	11386.2	11570.5	11614.1	11570.5	11386.2	11099.0	10686.0	10103.4	9080.9	7827.5
-7.5°	10801.8	11099.0	11261.5	11321.6	11261.5	11099.0	10801.8	10391.7	9703.7	8555.2	7470.5
-10°	10391.7	10686.0	10859.2	10920.1	10859.2	10686.0	10391.7	9877.3	8988.7	7921.7	6999.3
-12.5°	9703.7	10103.4	10321.0	10385.6	10321.0	10103.4	9703.7	8988.7	8078.2	7277.5	6495.8
-15°	8555.2	9080.9	9411.9	9525.1	9411.9	9080.9	8555.2	7921.7	7277.5	6611.1	5920.0
-17.5°	7470.5	7827.5	8049.6	8125.1	8049.6	7827.5	7470.5	6999.3	6495.8	5920.0	5285.9
-20°	6528.6	6802.7	6971.9	7029.1	6971.9	6802.7	6528.6	6159.6	5708.3	5186.0	4603.8



REPORT NUMBER: P640297 (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°	5629.2	5871.9	6020.8	6071.0	6020.8	5871.9	5629.2	5300.0	4893.0	4417.6	3897.8
-25°	4720.6	4937.7	5070.4	5115.0	5070.4	4937.7	4720.6	4424.4	4061.4	3651.1	3197.7
-27.5°	3823.7	4008.6	4121.2	4159.0	4121.2	4008.6	3823.7	3570.3	3253.6	2941.1	2584.7
-30°	3002.5	3141.9	3226.6	3255.0	3226.6	3141.9	3002.5	2810.7	2569.8	2363.8	2156.3
-32.5°	2357.0	2437.1	2485.7	2502.0	2485.7	2437.1	2357.0	2246.5	2107.2	1962.5	1819.8
-35°	1927.4	1982.0	2015.0	2026.0	2015.0	1982.0	1927.4	1852.1	1756.9	1643.9	1517.4
-37.5°	1584.5	1632.4	1661.3	1671.0	1661.3	1632.4	1584.5	1518.2	1434.2	1333.4	1205.6
-40°	1243.1	1291.2	1320.3	1330.0	1320.3	1291.2	1243.1	1176.4	1091.8	989.9	859.9
-42.5°	865.3	915.5	945.9	956.0	945.9	915.5	865.3	795.6	706.9	600.0	494.4
-45°	475.5	505.7	523.9	530.0	523.9	505.7	475.5	433.6	380.2	315.7	249.0
-47.5°	241.7	246.9	250.0	251.0	250.0	246.9	241.7	234.5	225.4	214.3	201.4
-50°	193.6	196.6	198.4	199.0	198.4	196.6	193.6	189.4	184.1	177.6	170.1
-52.5°	163.4	164.9	165.7	166.0	165.7	164.9	163.4	161.5	159.0	155.9	152.3
-55°	147.5	148.3	148.8	149.0	148.8	148.3	147.5	146.3	144.8	143.0	140.9
-57.5°	135.0	136.7	137.7	138.0	137.7	136.7	135.0	132.7	129.7	126.1	121.9
-60°	111.1	112.7	113.7	114.0	113.7	112.7	111.1	108.8	105.9	102.3	98.2
-62.5°	85.7	87.0	87.7	88.0	87.7	87.0	85.7	83.8	81.5	78.7	75.4
-65°	63.3	64.2	64.8	65.0	64.8	64.2	63.3	61.9	60.2	58.1	55.6
-67.5°	44.8	45.5	45.9	46.0	45.9	45.5	44.8	43.8	42.6	41.2	39.4
-70°	30.2	30.7	30.9	31.0	30.9	30.7	30.2	29.6	28.8	27.9	26.8
-72.5°	19.6	19.8	20.0	20.0	20.0	19.8	19.6	19.3	19.0	18.5	18.0
-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: P640297 (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°	17.4	16.7	16.0	15.1	14.2	13.4	12.5	11.6	10.6	9.6	8.7
70°	25.5	24.0	22.5	20.7	19.4	18.2	17.0	15.8	14.5	13.2	12.0
67.5°	37.5	35.2	32.8	30.3	28.2	25.8	23.4	20.8	18.9	17.3	15.7
65°	52.8	49.7	46.2	43.1	39.8	36.3	32.5	29.2	26.1	22.9	19.7
62.5°	71.6	67.3	63.0	58.8	54.1	49.2	44.3	39.9	35.3	30.6	26.8
60°	93.5	88.1	82.9	77.2	71.1	64.6	58.8	52.6	46.2	40.8	35.2
57.5°	117.1	111.5	105.1	98.0	90.4	82.9	75.2	67.1	59.7	52.4	45.0
55°	138.5	133.2	126.7	119.6	111.8	102.9	93.5	84.0	74.8	65.2	56.8
52.5°	148.5	145.6	142.3	138.8	131.4	122.6	113.1	102.3	91.1	80.3	69.6
50°	163.7	158.7	153.3	147.9	143.8	139.4	131.0	120.3	108.8	96.2	83.7
47.5°	191.2	180.8	169.4	161.4	154.5	147.8	142.8	137.1	125.2	112.7	98.8
45°	233.1	215.4	197.1	183.7	169.4	159.9	151.7	145.1	139.3	127.6	114.0
42.5°	402.0	299.4	239.1	216.5	194.8	178.5	163.6	154.4	146.3	139.9	127.6
40°	707.5	538.6	415.0	284.9	231.5	204.1	184.0	165.5	155.3	146.3	139.3
37.5°	1061.1	893.9	695.9	499.4	351.2	240.6	210.1	185.9	165.5	154.4	145.1
35°	1375.2	1207.7	1021.3	803.0	561.8	384.8	243.6	210.1	184.0	163.6	151.7
32.5°	1660.4	1491.9	1307.7	1094.5	857.1	588.2	384.8	240.6	204.1	178.5	159.9
30°	1950.5	1761.9	1563.3	1355.9	1119.1	857.1	561.8	351.2	231.5	194.8	169.4
27.5°	2304.3	2032.5	1813.7	1587.3	1355.9	1094.5	803.0	499.4	284.9	216.5	183.7
25°	2770.6	2379.8	2068.8	1813.7	1563.3	1307.7	1021.3	695.9	415.0	239.1	197.1
22.5°	3343.9	2833.4	2379.8	2032.5	1761.9	1491.9	1207.7	893.9	538.6	299.4	215.4
20°	3981.5	3343.9	2770.6	2304.3	1950.5	1660.4	1375.2	1061.1	707.5	402.0	233.1
17.5°	4603.8	3897.8	3197.7	2584.7	2156.3	1819.8	1517.4	1205.6	859.9	494.4	249.0
15°	5186.0	4417.6	3651.1	2941.1	2363.8	1962.5	1643.9	1333.4	989.9	600.0	315.7
12.5°	5708.3	4893.0	4061.4	3253.6	2569.8	2107.2	1756.9	1434.2	1091.8	706.9	380.2
10°	6159.6	5300.0	4424.4	3570.3	2810.7	2246.5	1852.1	1518.2	1176.4	795.6	433.6
7.5°	6528.6	5629.2	4720.6	3823.7	3002.5	2357.0	1927.4	1584.5	1243.1	865.3	475.5
5°	6802.7	5871.9	4937.7	4008.6	3141.9	2437.1	1982.0	1632.4	1291.2	915.5	505.7
2.5°	6971.9	6020.8	5070.4	4121.2	3226.6	2485.7	2015.0	1661.3	1320.3	945.9	523.9
0°	7029.1	6071.0	5115.0	4159.0	3255.0	2502.0	2026.0	1671.0	1330.0	956.0	530.0
-2.5°	6971.9	6020.8	5070.4	4121.2	3226.6	2485.7	2015.0	1661.3	1320.3	945.9	523.9
-5°	6802.7	5871.9	4937.7	4008.6	3141.9	2437.1	1982.0	1632.4	1291.2	915.5	505.7
-7.5°	6528.6	5629.2	4720.6	3823.7	3002.5	2357.0	1927.4	1584.5	1243.1	865.3	475.5
-10°	6159.6	5300.0	4424.4	3570.3	2810.7	2246.5	1852.1	1518.2	1176.4	795.6	433.6
-12.5°	5708.3	4893.0	4061.4	3253.6	2569.8	2107.2	1756.9	1434.2	1091.8	706.9	380.2
-15°	5186.0	4417.6	3651.1	2941.1	2363.8	1962.5	1643.9	1333.4	989.9	600.0	315.7
-17.5°	4603.8	3897.8	3197.7	2584.7	2156.3	1819.8	1517.4	1205.6	859.9	494.4	249.0
-20°	3981.5	3343.9	2770.6	2304.3	1950.5	1660.4	1375.2	1061.1	707.5	402.0	233.1





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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°	3343.9	2833.4	2379.8	2032.5	1761.9	1491.9	1207.7	893.9	538.6	299.4	215.4
-25°	2770.6	2379.8	2068.8	1813.7	1563.3	1307.7	1021.3	695.9	415.0	239.1	197.1
-27.5°	2304.3	2032.5	1813.7	1587.3	1355.9	1094.5	803.0	499.4	284.9	216.5	183.7
-30°	1950.5	1761.9	1563.3	1355.9	1119.1	857.1	561.8	351.2	231.5	194.8	169.4
-32.5°	1660.4	1491.9	1307.7	1094.5	857.1	588.2	384.8	240.6	204.1	178.5	159.9
-35°	1375.2	1207.7	1021.3	803.0	561.8	384.8	243.6	210.1	184.0	163.6	151.7
-37.5°	1061.1	893.9	695.9	499.4	351.2	240.6	210.1	185.9	165.5	154.4	145.1
-40°	707.5	538.6	415.0	284.9	231.5	204.1	184.0	165.5	155.3	146.3	139.3
-42.5°	402.0	299.4	239.1	216.5	194.8	178.5	163.6	154.4	146.3	139.9	127.6
-45°	233.1	215.4	197.1	183.7	169.4	159.9	151.7	145.1	139.3	127.6	114.0
-47.5°	191.2	180.8	169.4	161.4	154.5	147.8	142.8	137.1	125.2	112.7	98.8
-50°	163.7	158.7	153.3	147.9	143.8	139.4	131.0	120.3	108.8	96.2	83.7
-52.5°	148.5	145.6	142.3	138.8	131.4	122.6	113.1	102.3	91.1	80.3	69.6
-55°	138.5	133.2	126.7	119.6	111.8	102.9	93.5	84.0	74.8	65.2	56.8
-57.5°	117.1	111.5	105.1	98.0	90.4	82.9	75.2	67.1	59.7	52.4	45.0
-60°	93.5	88.1	82.9	77.2	71.1	64.6	58.8	52.6	46.2	40.8	35.2
-62.5°	71.6	67.3	63.0	58.8	54.1	49.2	44.3	39.9	35.3	30.6	26.8
-65°	52.8	49.7	46.2	43.1	39.8	36.3	32.5	29.2	26.1	22.9	19.7
-67.5°	37.5	35.2	32.8	30.3	28.2	25.8	23.4	20.8	18.9	17.3	15.7
-70°	25.5	24.0	22.5	20.7	19.4	18.2	17.0	15.8	14.5	13.2	12.0
-72.5°	17.4	16.7	16.0	15.1	14.2	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





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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°	17.8	15.8	13.8	12.1	10.2	8.6	7.5	6.3	5.4	4.6	3.9
62.5°	23.0	19.4	17.2	14.9	12.7	10.7	8.8	7.5	6.2	5.3	4.4
60°	29.9	25.5	21.0	18.0	15.4	13.0	10.7	8.6	7.2	5.9	4.9
57.5°	38.7	32.2	27.0	22.0	18.3	15.4	12.7	10.2	8.2	6.7	5.4
55°	48.3	40.8	33.6	27.5	22.0	18.0	14.9	12.1	9.4	7.6	5.9
52.5°	59.6	50.1	41.5	33.6	27.0	21.0	17.2	13.8	10.9	8.4	6.7
50°	71.8	60.5	50.1	40.8	32.2	25.5	19.4	15.8	12.5	9.4	7.4
47.5°	84.8	71.8	59.6	48.3	38.7	29.9	23.0	17.8	14.0	10.7	8.1
45°	98.8	83.7	69.6	56.8	45.0	35.2	26.8	19.7	15.7	12.0	8.7
42.5°	112.7	96.2	80.3	65.2	52.4	40.8	30.6	22.9	17.3	13.2	9.6
40°	125.2	108.8	91.1	74.8	59.7	46.2	35.3	26.1	18.9	14.5	10.6
37.5°	137.1	120.3	102.3	84.0	67.1	52.6	39.9	29.2	20.8	15.8	11.6
35°	142.8	131.0	113.1	93.5	75.2	58.8	44.3	32.5	23.4	17.0	12.5
32.5°	147.8	139.4	122.6	102.9	82.9	64.6	49.2	36.3	25.8	18.2	13.4
30°	154.5	143.8	131.4	111.8	90.4	71.1	54.1	39.8	28.2	19.4	14.2
27.5°	161.4	147.9	138.8	119.6	98.0	77.2	58.8	43.1	30.3	20.7	15.1
25°	169.4	153.3	142.3	126.7	105.1	82.9	63.0	46.2	32.8	22.5	16.0
22.5°	180.8	158.7	145.6	133.2	111.5	88.1	67.3	49.7	35.2	24.0	16.7
20°	191.2	163.7	148.5	138.5	117.1	93.5	71.6	52.8	37.5	25.5	17.4
17.5°	201.4	170.1	152.3	140.9	121.9	98.2	75.4	55.6	39.4	26.8	18.0
15°	214.3	177.6	155.9	143.0	126.1	102.3	78.7	58.1	41.2	27.9	18.5
12.5°	225.4	184.1	159.0	144.8	129.7	105.9	81.5	60.2	42.6	28.8	19.0
10°	234.5	189.4	161.5	146.3	132.7	108.8	83.8	61.9	43.8	29.6	19.3
7.5°	241.7	193.6	163.4	147.5	135.0	111.1	85.7	63.3	44.8	30.2	19.6
5°	246.9	196.6	164.9	148.3	136.7	112.7	87.0	64.2	45.5	30.7	19.8
2.5°	250.0	198.4	165.7	148.8	137.7	113.7	87.7	64.8	45.9	30.9	20.0
0°	251.0	199.0	166.0	149.0	138.0	114.0	88.0	65.0	46.0	31.0	20.0
-2.5°	250.0	198.4	165.7	148.8	137.7	113.7	87.7	64.8	45.9	30.9	20.0
-5°	246.9	196.6	164.9	148.3	136.7	112.7	87.0	64.2	45.5	30.7	19.8
-7.5°	241.7	193.6	163.4	147.5	135.0	111.1	85.7	63.3	44.8	30.2	19.6
-10°	234.5	189.4	161.5	146.3	132.7	108.8	83.8	61.9	43.8	29.6	19.3
-12.5°	225.4	184.1	159.0	144.8	129.7	105.9	81.5	60.2	42.6	28.8	19.0
-15°	214.3	177.6	155.9	143.0	126.1	102.3	78.7	58.1	41.2	27.9	18.5
-17.5°	201.4	170.1	152.3	140.9	121.9	98.2	75.4	55.6	39.4	26.8	18.0
-20°	191.2	163.7	148.5	138.5	117.1	93.5	71.6	52.8	37.5	25.5	17.4



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	180.8	158.7	145.6	133.2	111.5	88.1	67.3	49.7	35.2	24.0	16.7
-25°	169.4	153.3	142.3	126.7	105.1	82.9	63.0	46.2	32.8	22.5	16.0
-27.5°	161.4	147.9	138.8	119.6	98.0	77.2	58.8	43.1	30.3	20.7	15.1
-30°	154.5	143.8	131.4	111.8	90.4	71.1	54.1	39.8	28.2	19.4	14.2
-32.5°	147.8	139.4	122.6	102.9	82.9	64.6	49.2	36.3	25.8	18.2	13.4
-35°	142.8	131.0	113.1	93.5	75.2	58.8	44.3	32.5	23.4	17.0	12.5
-37.5°	137.1	120.3	102.3	84.0	67.1	52.6	39.9	29.2	20.8	15.8	11.6
-40°	125.2	108.8	91.1	74.8	59.7	46.2	35.3	26.1	18.9	14.5	10.6
-42.5°	112.7	96.2	80.3	65.2	52.4	40.8	30.6	22.9	17.3	13.2	9.6
-45°	98.8	83.7	69.6	56.8	45.0	35.2	26.8	19.7	15.7	12.0	8.7
-47.5°	84.8	71.8	59.6	48.3	38.7	29.9	23.0	17.8	14.0	10.7	8.1
-50°	71.8	60.5	50.1	40.8	32.2	25.5	19.4	15.8	12.5	9.4	7.4
-52.5°	59.6	50.1	41.5	33.6	27.0	21.0	17.2	13.8	10.9	8.4	6.7
-55°	48.3	40.8	33.6	27.5	22.0	18.0	14.9	12.1	9.4	7.6	5.9
-57.5°	38.7	32.2	27.0	22.0	18.3	15.4	12.7	10.2	8.2	6.7	5.4
-60°	29.9	25.5	21.0	18.0	15.4	13.0	10.7	8.6	7.2	5.9	4.9
-62.5°	23.0	19.4	17.2	14.9	12.7	10.7	8.8	7.5	6.2	5.3	4.4
-65°	17.8	15.8	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)