

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: P640295 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-08PR-500PL-RGB-5S\_ALL ON**

Issue Date: 2/13/2023

**Test Information**

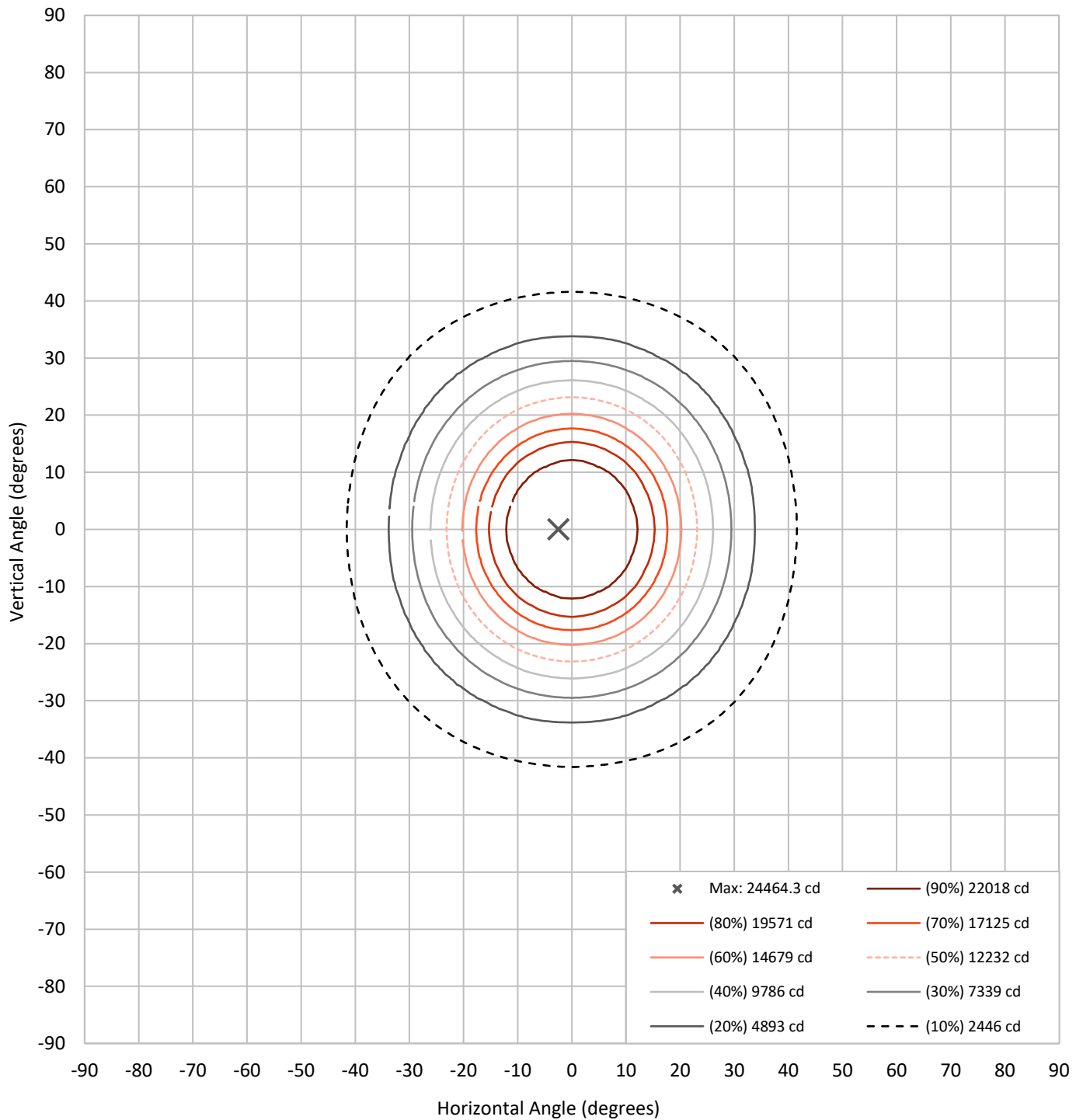
Test Method: LM-79-08  
Report Number: P640295 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-885-16)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/13/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-LS-08PR-500PL-RGB-5S\_ALL ON  
Description: LUMASPORT 8 PRISM RGB  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	16923.3 lumens	Max Intensity:	24464.3 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	33.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	46.3°H x 46.1°V	Field Angle (10%):	83.2°H x 83.1°V
Beam Lumens:	9483.4 lumens	Field Lumens:	15708.5 lumens
Beam Efficiency:	56.0%	Field Efficiency:	92.8%
Input Watts (W):	510.8		
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		

REPORT NUMBER: P640295 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Iso-Candela Plot





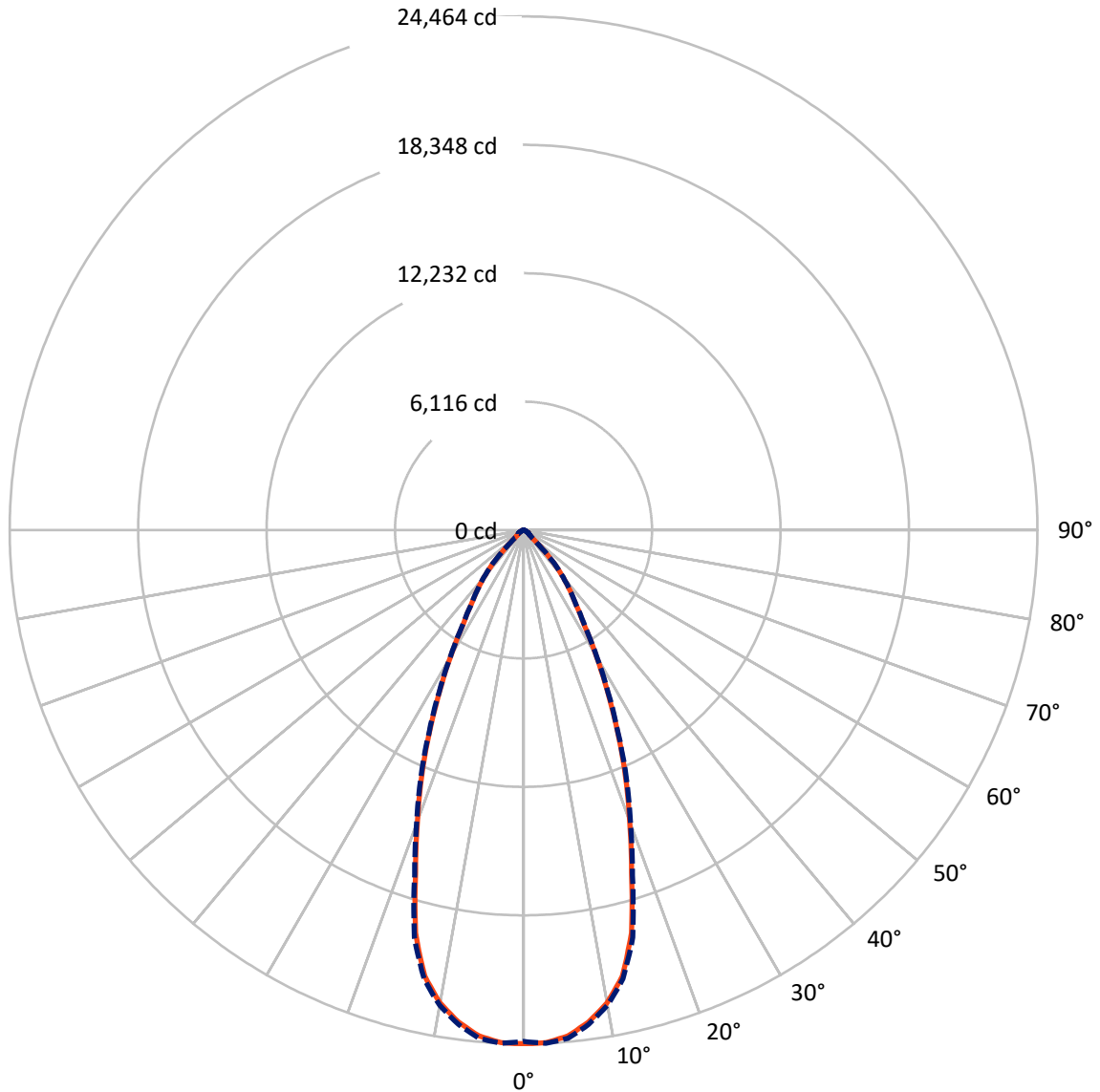
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### Lumen Table

90																			
80	0.0	0.3		0.9		1.7		2.1		1.7		0.9		0.3		0.0			
70	0.1	0.2	0.4	0.9	1.8	2.8	3.7	4.2	4.2	3.7	2.8	1.8	0.9	0.4	0.2	0.1			
60		0.3	1.0	2.6	4.9	7.0	8.6	9.5	9.5	8.6	7.0	4.9	2.6	1.0	0.3				
50	0.3	0.6	2.1	5.0	8.0	14.1	28.7	41.0	41.0	28.7	14.1	8.0	5.0	2.1	0.6	0.3			
40		0.9	3.5	6.9	19.5	61.8	105.9	134.9	134.9	105.9	61.8	19.5	6.9	3.5	0.9				
30	0.5	1.3	4.5	11.1	56.2	128.6	229.2	311.7	311.7	229.2	128.6	56.2	11.1	4.5	1.3	0.5			
20		1.7	5.1	21.5	90.4	215.7	408.7	564.9	564.9	408.7	215.7	90.4	21.5	5.1	1.7				
10	0.5	1.8	5.5	29.9	111.8	284.8	548.5	712.2	712.2	548.5	284.8	111.8	29.9	5.5	1.8	0.5			
0		1.8	5.5	29.9	111.8	284.8	548.5	712.2	712.2	548.5	284.8	111.8	29.9	5.5	1.8				
-10	0.5	1.7	5.1	21.5	90.4	215.7	408.7	564.9	564.9	408.7	215.7	90.4	21.5	5.1	1.7	0.5			
-20		1.3	4.5	11.1	56.2	128.6	229.2	311.7	311.7	229.2	128.6	56.2	11.1	4.5	1.3				
-30	0.3	0.9	3.5	6.9	19.5	61.8	105.9	134.9	134.9	105.9	61.8	19.5	6.9	3.5	0.9	0.3			
-40		0.6	2.1	5.0	8.0	14.1	28.7	41.0	41.0	28.7	14.1	8.0	5.0	2.1	0.6				
-50	0.1	0.3	1.0	2.6	4.9	7.0	8.6	9.5	9.5	8.6	7.0	4.9	2.6	1.0	0.3	0.1			
-60		0.2	0.4	0.9	1.8	2.8	3.7	4.2	4.2	3.7	2.8	1.8	0.9	0.4	0.2				
-70																			
-80	0.0	0.3		0.9		1.7		2.1		1.7		0.9		0.3		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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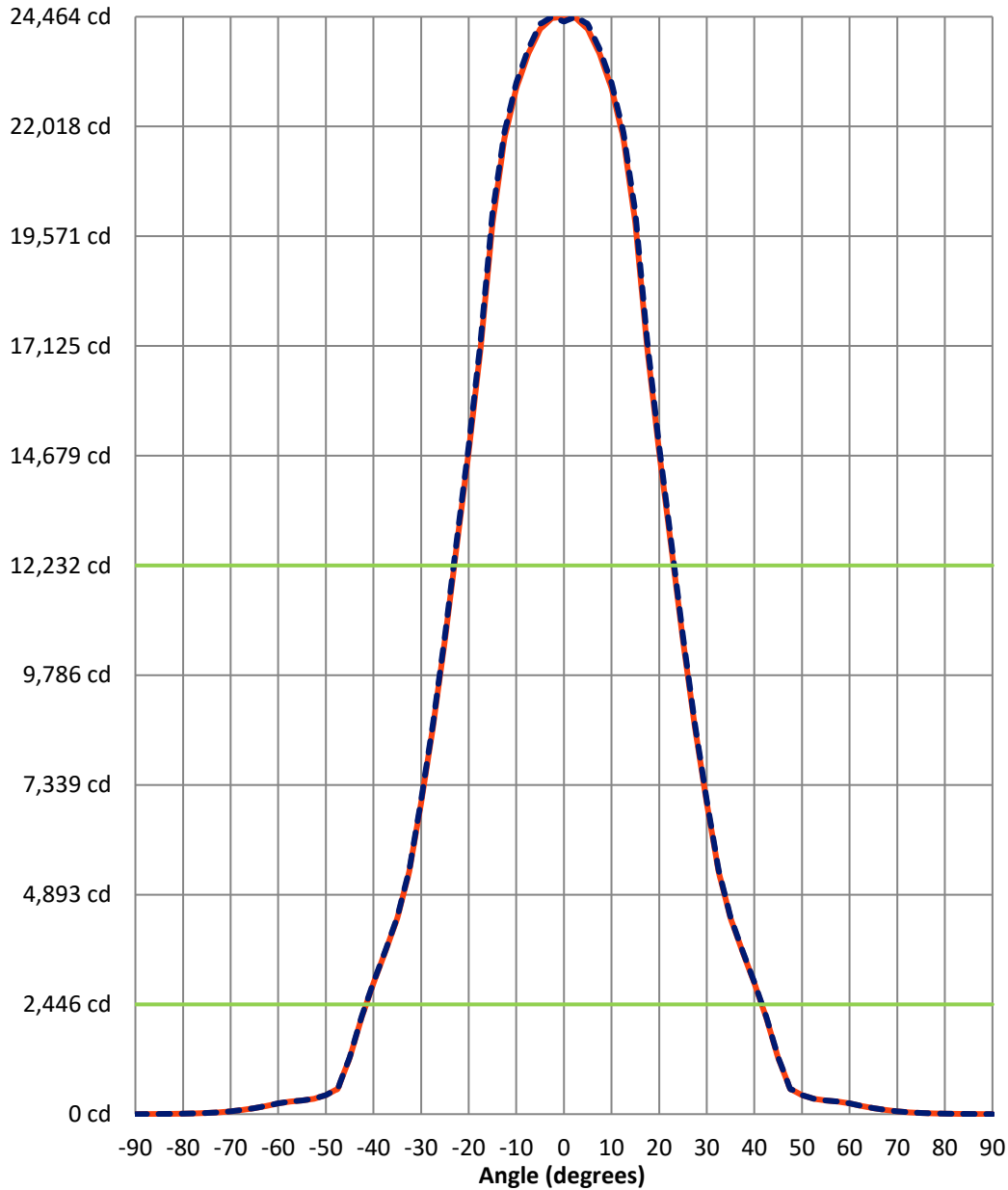
### Luminous Intensity Polar Plot



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

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 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S\_ALL ON

### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.3°  
 V Angle: 46.1°  
 Lumens: 9483.4  
 Efficiency: 56.0%

**Field:**  
 H Angle: 83.2°  
 V Angle: 83.1°  
 Lumens: 15708.5  
 Efficiency: 92.8%

**Spill:**  
 Lumens: 1214.8  
 Efficiency: 7.2%

— 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	2.3	2.5
80°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.7	3.0	3.4
77.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.4	3.8	4.3
75°	0.0	0.5	1.0	1.5	2.1	2.6	3.1	3.6	4.1	4.8	5.5
72.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	5.1	5.9	6.8
70°	0.0	0.7	1.4	2.0	2.7	3.4	4.1	5.1	6.1	7.0	8.3
67.5°	0.0	0.8	1.5	2.3	3.0	3.8	4.8	5.9	7.0	8.5	9.9
65°	0.0	0.8	1.7	2.5	3.4	4.3	5.5	6.8	8.3	9.9	11.7
62.5°	0.0	0.9	1.8	2.8	3.7	4.9	6.2	7.8	9.5	11.4	14.0
60°	0.0	1.0	2.0	3.0	4.0	5.5	6.9	8.8	10.8	13.5	16.3
57.5°	0.0	1.1	2.1	3.2	4.4	6.0	7.8	9.9	12.4	15.5	19.5
55°	0.0	1.1	2.3	3.4	4.9	6.6	8.7	10.9	14.2	17.7	23.1
52.5°	0.0	1.2	2.4	3.6	5.3	7.1	9.5	12.3	15.8	20.9	26.6
50°	0.0	1.3	2.6	3.9	5.7	7.8	10.3	13.7	17.8	24.0	31.0
47.5°	0.0	1.4	2.7	4.1	6.1	8.5	11.2	15.1	20.4	26.9	35.3
45°	0.0	1.4	2.8	4.4	6.5	9.1	12.3	16.5	23.0	30.6	39.4
42.5°	0.0	1.5	2.9	4.6	6.8	9.7	13.4	18.2	25.4	34.2	46.0
40°	0.0	1.5	3.1	4.9	7.2	10.3	14.4	20.3	28.0	37.6	52.8
37.5°	0.0	1.6	3.2	5.1	7.7	10.8	15.4	22.2	30.9	41.6	59.2
35°	0.0	1.6	3.3	5.4	8.1	11.5	16.4	24.0	33.6	47.1	66.3
32.5°	0.0	1.7	3.4	5.6	8.5	12.2	17.4	25.8	36.2	52.2	74.3
30°	0.0	1.7	3.5	5.8	8.8	12.9	18.8	27.5	38.6	57.1	81.8
27.5°	0.0	1.8	3.5	6.0	9.2	13.6	20.1	29.4	41.5	61.6	88.8
25°	0.0	1.8	3.6	6.2	9.5	14.2	21.3	31.2	45.1	66.8	95.3
22.5°	0.0	1.8	3.7	6.3	9.8	14.7	22.3	32.9	48.5	72.0	102.5
20°	0.0	1.9	3.8	6.5	10.0	15.2	23.3	34.4	51.5	76.8	109.0
17.5°	0.0	1.9	3.8	6.6	10.3	15.6	24.2	35.7	54.1	81.0	114.8
15°	0.0	1.9	3.9	6.7	10.4	16.0	24.9	36.8	56.5	84.7	119.8
12.5°	0.0	2.0	3.9	6.8	10.6	16.3	25.5	37.8	58.5	87.8	124.1
10°	0.0	2.0	3.9	6.9	10.8	16.5	26.1	38.6	60.1	90.4	127.7
7.5°	0.0	2.0	4.0	6.9	10.9	16.7	26.5	39.2	61.4	92.4	130.4
5°	0.0	2.0	4.0	7.0	10.9	16.9	26.8	39.6	62.3	93.8	132.4
2.5°	0.0	2.0	4.0	7.0	11.0	17.0	26.9	39.9	62.8	94.7	133.6
0°	0.0	2.0	4.0	7.0	11.0	17.0	27.0	40.0	63.0	95.0	134.0
-2.5°	0.0	2.0	4.0	7.0	11.0	17.0	26.9	39.9	62.8	94.7	133.6
-5°	0.0	2.0	4.0	7.0	10.9	16.9	26.8	39.6	62.3	93.8	132.4
-7.5°	0.0	2.0	4.0	6.9	10.9	16.7	26.5	39.2	61.4	92.4	130.4
-10°	0.0	2.0	3.9	6.9	10.8	16.5	26.1	38.6	60.1	90.4	127.7
-12.5°	0.0	2.0	3.9	6.8	10.6	16.3	25.5	37.8	58.5	87.8	124.1
-15°	0.0	1.9	3.9	6.7	10.4	16.0	24.9	36.8	56.5	84.7	119.8
-17.5°	0.0	1.9	3.8	6.6	10.3	15.6	24.2	35.7	54.1	81.0	114.8
-20°	0.0	1.9	3.8	6.5	10.0	15.2	23.3	34.4	51.5	76.8	109.0



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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	3.7	6.3	9.8	14.7	22.3	32.9	48.5	72.0	102.5
-25°	0.0	1.8	3.6	6.2	9.5	14.2	21.3	31.2	45.1	66.8	95.3
-27.5°	0.0	1.8	3.5	6.0	9.2	13.6	20.1	29.4	41.5	61.6	88.8
-30°	0.0	1.7	3.5	5.8	8.8	12.9	18.8	27.5	38.6	57.1	81.8
-32.5°	0.0	1.7	3.4	5.6	8.5	12.2	17.4	25.8	36.2	52.2	74.3
-35°	0.0	1.6	3.3	5.4	8.1	11.5	16.4	24.0	33.6	47.1	66.3
-37.5°	0.0	1.6	3.2	5.1	7.7	10.8	15.4	22.2	30.9	41.6	59.2
-40°	0.0	1.5	3.1	4.9	7.2	10.3	14.4	20.3	28.0	37.6	52.8
-42.5°	0.0	1.5	2.9	4.6	6.8	9.7	13.4	18.2	25.4	34.2	46.0
-45°	0.0	1.4	2.8	4.4	6.5	9.1	12.3	16.5	23.0	30.6	39.4
-47.5°	0.0	1.4	2.7	4.1	6.1	8.5	11.2	15.1	20.4	26.9	35.3
-50°	0.0	1.3	2.6	3.9	5.7	7.8	10.3	13.7	17.8	24.0	31.0
-52.5°	0.0	1.2	2.4	3.6	5.3	7.1	9.5	12.3	15.8	20.9	26.6
-55°	0.0	1.1	2.3	3.4	4.9	6.6	8.7	10.9	14.2	17.7	23.1
-57.5°	0.0	1.1	2.1	3.2	4.4	6.0	7.8	9.9	12.4	15.5	19.5
-60°	0.0	1.0	2.0	3.0	4.0	5.5	6.9	8.8	10.8	13.5	16.3
-62.5°	0.0	0.9	1.8	2.8	3.7	4.9	6.2	7.8	9.5	11.4	14.0
-65°	0.0	0.8	1.7	2.5	3.4	4.3	5.5	6.8	8.3	9.9	11.7
-67.5°	0.0	0.8	1.5	2.3	3.0	3.8	4.8	5.9	7.0	8.5	9.9
-70°	0.0	0.7	1.4	2.0	2.7	3.4	4.1	5.1	6.1	7.0	8.3
-72.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	5.1	5.9	6.8
-75°	0.0	0.5	1.0	1.5	2.1	2.6	3.1	3.6	4.1	4.8	5.5
-77.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.4	3.8	4.3
-80°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.7	3.0	3.4
-82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.3	2.5
-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\_ALL ON

**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	2.3	2.4	2.6	2.7	2.8	2.9	3.1	3.2
82.5°	2.8	3.0	3.2	3.4	3.6	3.9	4.1	4.4	4.6	4.9	5.1
80°	3.7	4.0	4.4	4.9	5.3	5.7	6.1	6.5	6.8	7.2	7.7
77.5°	4.9	5.5	6.0	6.6	7.1	7.8	8.5	9.1	9.7	10.3	10.8
75°	6.2	6.9	7.8	8.7	9.5	10.3	11.2	12.3	13.4	14.4	15.4
72.5°	7.8	8.8	9.9	10.9	12.3	13.7	15.1	16.5	18.2	20.3	22.2
70°	9.5	10.8	12.4	14.2	15.8	17.8	20.4	23.0	25.4	28.0	30.9
67.5°	11.4	13.5	15.5	17.7	20.9	24.0	26.9	30.6	34.2	37.6	41.6
65°	14.0	16.3	19.5	23.1	26.6	31.0	35.3	39.4	46.0	52.8	59.2
62.5°	16.5	20.4	24.5	28.9	33.9	38.8	46.2	54.3	62.1	72.2	82.1
60°	20.4	24.9	30.0	35.7	42.0	51.5	60.6	72.0	83.9	95.3	108.6
57.5°	24.5	30.0	36.3	44.1	54.6	65.6	79.4	92.8	108.1	123.2	138.5
55°	28.9	35.7	44.1	55.7	68.6	83.9	99.7	117.3	134.3	154.9	174.5
52.5°	33.9	42.0	54.6	68.6	85.4	103.4	122.8	143.7	166.7	189.9	215.0
50°	38.8	51.5	65.6	83.9	103.4	124.7	148.5	173.9	201.3	229.4	251.6
47.5°	46.2	60.6	79.4	99.7	122.8	148.5	176.3	207.0	238.1	259.7	279.6
45°	54.3	72.0	92.8	117.3	143.7	173.9	207.0	241.0	263.7	283.9	296.6
42.5°	62.1	83.9	108.1	134.3	166.7	201.3	238.1	263.7	285.1	299.1	317.1
40°	72.2	95.3	123.2	154.9	189.9	229.4	259.7	283.9	299.1	319.2	341.9
37.5°	82.1	108.6	138.5	174.5	215.0	251.6	279.6	296.6	317.1	341.9	392.4
35°	91.5	121.2	155.8	195.2	239.0	269.4	291.6	311.0	337.7	387.8	455.7
32.5°	101.5	133.1	172.1	216.2	255.3	284.2	302.5	329.5	374.1	439.2	540.1
30°	111.7	146.9	188.4	236.0	270.1	293.7	317.3	351.6	414.5	514.9	819.8
27.5°	121.2	160.0	205.3	250.3	282.7	302.7	332.6	387.1	473.5	653.8	1190.4
25°	129.9	172.1	221.1	262.1	290.5	314.6	351.4	420.3	536.1	979.2	1618.3
22.5°	138.9	183.3	235.5	273.0	297.5	326.8	379.8	470.5	690.2	1285.3	2037.4
20°	148.0	195.2	246.2	282.1	304.0	337.8	405.6	519.5	946.8	1642.8	2385.1
17.5°	156.1	205.7	254.2	287.4	312.5	353.2	431.6	563.6	1177.8	1965.4	2682.1
15°	163.2	215.0	261.2	292.0	320.5	371.9	467.4	730.8	1415.1	2238.6	2944.9
12.5°	169.2	222.9	267.2	295.9	327.3	387.9	498.0	892.2	1641.5	2448.1	3154.3
10°	174.1	229.4	272.2	299.2	332.9	401.2	523.3	1025.8	1829.2	2622.2	3328.7
7.5°	178.0	234.4	276.0	301.7	337.3	411.5	543.2	1130.7	1976.9	2759.3	3466.3
5°	180.8	238.1	278.8	303.5	340.5	419.0	557.5	1206.2	2083.3	2858.2	3565.7
2.5°	182.4	240.3	280.4	304.6	342.4	423.5	566.1	1251.8	2147.4	2917.9	3625.8
0°	183.0	241.0	281.0	305.0	343.0	425.0	569.0	1267.0	2168.9	2937.9	3645.9
-2.5°	182.4	240.3	280.4	304.6	342.4	423.5	566.1	1251.8	2147.4	2917.9	3625.8
-5°	180.8	238.1	278.8	303.5	340.5	419.0	557.5	1206.2	2083.3	2858.2	3565.7
-7.5°	178.0	234.4	276.0	301.7	337.3	411.5	543.2	1130.7	1976.9	2759.3	3466.3
-10°	174.1	229.4	272.2	299.2	332.9	401.2	523.3	1025.8	1829.2	2622.2	3328.7
-12.5°	169.2	222.9	267.2	295.9	327.3	387.9	498.0	892.2	1641.5	2448.1	3154.3
-15°	163.2	215.0	261.2	292.0	320.5	371.9	467.4	730.8	1415.1	2238.6	2944.9
-17.5°	156.1	205.7	254.2	287.4	312.5	353.2	431.6	563.6	1177.8	1965.4	2682.1
-20°	148.0	195.2	246.2	282.1	304.0	337.8	405.6	519.5	946.8	1642.8	2385.1



REPORT NUMBER: P640295 (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°	138.9	183.3	235.5	273.0	297.5	326.8	379.8	470.5	690.2	1285.3	2037.4
-25°	129.9	172.1	221.1	262.1	290.5	314.6	351.4	420.3	536.1	979.2	1618.3
-27.5°	121.2	160.0	205.3	250.3	282.7	302.7	332.6	387.1	473.5	653.8	1190.4
-30°	111.7	146.9	188.4	236.0	270.1	293.7	317.3	351.6	414.5	514.9	819.8
-32.5°	101.5	133.1	172.1	216.2	255.3	284.2	302.5	329.5	374.1	439.2	540.1
-35°	91.5	121.2	155.8	195.2	239.0	269.4	291.6	311.0	337.7	387.8	455.7
-37.5°	82.1	108.6	138.5	174.5	215.0	251.6	279.6	296.6	317.1	341.9	392.4
-40°	72.2	95.3	123.2	154.9	189.9	229.4	259.7	283.9	299.1	319.2	341.9
-42.5°	62.1	83.9	108.1	134.3	166.7	201.3	238.1	263.7	285.1	299.1	317.1
-45°	54.3	72.0	92.8	117.3	143.7	173.9	207.0	241.0	263.7	283.9	296.6
-47.5°	46.2	60.6	79.4	99.7	122.8	148.5	176.3	207.0	238.1	259.7	279.6
-50°	38.8	51.5	65.6	83.9	103.4	124.7	148.5	173.9	201.3	229.4	251.6
-52.5°	33.9	42.0	54.6	68.6	85.4	103.4	122.8	143.7	166.7	189.9	215.0
-55°	28.9	35.7	44.1	55.7	68.6	83.9	99.7	117.3	134.3	154.9	174.5
-57.5°	24.5	30.0	36.3	44.1	54.6	65.6	79.4	92.8	108.1	123.2	138.5
-60°	20.4	24.9	30.0	35.7	42.0	51.5	60.6	72.0	83.9	95.3	108.6
-62.5°	16.5	20.4	24.5	28.9	33.9	38.8	46.2	54.3	62.1	72.2	82.1
-65°	14.0	16.3	19.5	23.1	26.6	31.0	35.3	39.4	46.0	52.8	59.2
-67.5°	11.4	13.5	15.5	17.7	20.9	24.0	26.9	30.6	34.2	37.6	41.6
-70°	9.5	10.8	12.4	14.2	15.8	17.8	20.4	23.0	25.4	28.0	30.9
-72.5°	7.8	8.8	9.9	10.9	12.3	13.7	15.1	16.5	18.2	20.3	22.2
-75°	6.2	6.9	7.8	8.7	9.5	10.3	11.2	12.3	13.4	14.4	15.4
-77.5°	4.9	5.5	6.0	6.6	7.1	7.8	8.5	9.1	9.7	10.3	10.8
-80°	3.7	4.0	4.4	4.9	5.3	5.7	6.1	6.5	6.8	7.2	7.7
-82.5°	2.8	3.0	3.2	3.4	3.6	3.9	4.1	4.4	4.6	4.9	5.1
-85°	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.8	2.9	3.1	3.2
-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: P640295 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S\_ALL ON

**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°	3.3	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.9	3.9	3.9
82.5°	5.4	5.6	5.8	6.0	6.2	6.3	6.5	6.6	6.7	6.8	6.9
80°	8.1	8.5	8.8	9.2	9.5	9.8	10.0	10.3	10.4	10.6	10.8
77.5°	11.5	12.2	12.9	13.6	14.2	14.7	15.2	15.6	16.0	16.3	16.5
75°	16.4	17.4	18.8	20.1	21.3	22.3	23.3	24.2	24.9	25.5	26.1
72.5°	24.0	25.8	27.5	29.4	31.2	32.9	34.4	35.7	36.8	37.8	38.6
70°	33.6	36.2	38.6	41.5	45.1	48.5	51.5	54.1	56.5	58.5	60.1
67.5°	47.1	52.2	57.1	61.6	66.8	72.0	76.8	81.0	84.7	87.8	90.4
65°	66.3	74.3	81.8	88.8	95.3	102.5	109.0	114.8	119.8	124.1	127.7
62.5°	91.5	101.5	111.7	121.2	129.9	138.9	148.0	156.1	163.2	169.2	174.1
60°	121.2	133.1	146.9	160.0	172.1	183.3	195.2	205.7	215.0	222.9	229.4
57.5°	155.8	172.1	188.4	205.3	221.1	235.5	246.2	254.2	261.2	267.2	272.2
55°	195.2	216.2	236.0	250.3	262.1	273.0	282.1	287.4	292.0	295.9	299.2
52.5°	239.0	255.3	270.1	282.7	290.5	297.5	304.0	312.5	320.5	327.3	332.9
50°	269.4	284.2	293.7	302.7	314.6	326.8	337.8	353.2	371.9	387.9	401.2
47.5°	291.6	302.5	317.3	332.6	351.4	379.8	405.6	431.6	467.4	498.0	523.3
45°	311.0	329.5	351.6	387.1	420.3	470.5	519.5	563.6	730.8	892.2	1025.8
42.5°	337.7	374.1	414.5	473.5	536.1	690.2	946.8	1177.8	1415.1	1641.5	1829.2
40°	387.8	439.2	514.9	653.8	979.2	1285.3	1642.8	1965.4	2238.6	2448.1	2622.2
37.5°	455.7	540.1	819.8	1190.4	1618.3	2037.4	2385.1	2682.1	2944.9	3154.3	3328.7
35°	548.6	903.7	1334.3	1844.9	2303.2	2686.5	3031.8	3327.1	3589.7	3826.1	4026.0
32.5°	903.7	1390.2	1959.6	2453.7	2892.1	3274.0	3623.9	3958.3	4257.7	4569.6	4876.0
30°	1334.3	1959.6	2504.3	2991.8	3422.2	3836.6	4232.6	4677.5	5133.9	5578.2	6076.3
27.5°	1844.9	2453.7	2991.8	3472.1	3945.3	4405.1	5003.1	5608.9	6345.7	6991.9	7591.3
25°	2303.2	2892.1	3422.2	3945.3	4484.9	5169.1	5993.2	6876.4	7744.1	8520.1	9246.4
22.5°	2686.5	3274.0	3836.6	4405.1	5169.1	6123.1	7163.0	8210.8	9232.5	10202.7	11069.4
20°	3031.8	3623.9	4232.6	5003.1	5993.2	7163.0	8369.0	9612.4	10814.6	11982.5	12987.8
17.5°	3327.1	3958.3	4677.5	5608.9	6876.4	8210.8	9612.4	11037.8	12455.9	13724.3	14827.4
15°	3589.7	4257.7	5133.9	6345.7	7744.1	9232.5	10814.6	12455.9	13976.9	15424.2	16802.4
12.5°	3826.1	4569.6	5578.2	6991.9	8520.1	10202.7	11982.5	13724.3	15424.2	17137.2	18996.1
10°	4026.0	4876.0	6076.3	7591.3	9246.4	11069.4	12987.8	14827.4	16802.4	18996.1	20830.4
7.5°	4184.1	5119.0	6472.7	8070.6	9850.9	11805.6	13796.1	15837.0	18113.4	20464.8	21896.5
5°	4298.5	5295.2	6760.9	8420.3	10294.0	12348.4	14396.7	16600.9	19183.9	21299.7	22524.1
2.5°	4367.7	5402.1	6936.1	8633.3	10564.6	12681.3	14767.3	17076.0	19857.9	21750.1	22871.0
0°	4390.9	5437.9	6994.8	8704.8	10655.7	12793.6	14892.6	17237.5	20088.5	21883.9	22990.4
-2.5°	4367.7	5402.1	6936.1	8633.3	10564.6	12681.3	14767.3	17076.0	19857.9	21750.1	22871.0
-5°	4298.5	5295.2	6760.9	8420.3	10294.0	12348.4	14396.7	16600.9	19183.9	21299.7	22524.1
-7.5°	4184.1	5119.0	6472.7	8070.6	9850.9	11805.6	13796.1	15837.0	18113.4	20464.8	21896.5
-10°	4026.0	4876.0	6076.3	7591.3	9246.4	11069.4	12987.8	14827.4	16802.4	18996.1	20830.4
-12.5°	3826.1	4569.6	5578.2	6991.9	8520.1	10202.7	11982.5	13724.3	15424.2	17137.2	18996.1
-15°	3589.7	4257.7	5133.9	6345.7	7744.1	9232.5	10814.6	12455.9	13976.9	15424.2	16802.4
-17.5°	3327.1	3958.3	4677.5	5608.9	6876.4	8210.8	9612.4	11037.8	12455.9	13724.3	14827.4
-20°	3031.8	3623.9	4232.6	5003.1	5993.2	7163.0	8369.0	9612.4	10814.6	11982.5	12987.8



REPORT NUMBER: P640295 (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°	2686.5	3274.0	3836.6	4405.1	5169.1	6123.1	7163.0	8210.8	9232.5	10202.7	11069.4
-25°	2303.2	2892.1	3422.2	3945.3	4484.9	5169.1	5993.2	6876.4	7744.1	8520.1	9246.4
-27.5°	1844.9	2453.7	2991.8	3472.1	3945.3	4405.1	5003.1	5608.9	6345.7	6991.9	7591.3
-30°	1334.3	1959.6	2504.3	2991.8	3422.2	3836.6	4232.6	4677.5	5133.9	5578.2	6076.3
-32.5°	903.7	1390.2	1959.6	2453.7	2892.1	3274.0	3623.9	3958.3	4257.7	4569.6	4876.0
-35°	548.6	903.7	1334.3	1844.9	2303.2	2686.5	3031.8	3327.1	3589.7	3826.1	4026.0
-37.5°	455.7	540.1	819.8	1190.4	1618.3	2037.4	2385.1	2682.1	2944.9	3154.3	3328.7
-40°	387.8	439.2	514.9	653.8	979.2	1285.3	1642.8	1965.4	2238.6	2448.1	2622.2
-42.5°	337.7	374.1	414.5	473.5	536.1	690.2	946.8	1177.8	1415.1	1641.5	1829.2
-45°	311.0	329.5	351.6	387.1	420.3	470.5	519.5	563.6	730.8	892.2	1025.8
-47.5°	291.6	302.5	317.3	332.6	351.4	379.8	405.6	431.6	467.4	498.0	523.3
-50°	269.4	284.2	293.7	302.7	314.6	326.8	337.8	353.2	371.9	387.9	401.2
-52.5°	239.0	255.3	270.1	282.7	290.5	297.5	304.0	312.5	320.5	327.3	332.9
-55°	195.2	216.2	236.0	250.3	262.1	273.0	282.1	287.4	292.0	295.9	299.2
-57.5°	155.8	172.1	188.4	205.3	221.1	235.5	246.2	254.2	261.2	267.2	272.2
-60°	121.2	133.1	146.9	160.0	172.1	183.3	195.2	205.7	215.0	222.9	229.4
-62.5°	91.5	101.5	111.7	121.2	129.9	138.9	148.0	156.1	163.2	169.2	174.1
-65°	66.3	74.3	81.8	88.8	95.3	102.5	109.0	114.8	119.8	124.1	127.7
-67.5°	47.1	52.2	57.1	61.6	66.8	72.0	76.8	81.0	84.7	87.8	90.4
-70°	33.6	36.2	38.6	41.5	45.1	48.5	51.5	54.1	56.5	58.5	60.1
-72.5°	24.0	25.8	27.5	29.4	31.2	32.9	34.4	35.7	36.8	37.8	38.6
-75°	16.4	17.4	18.8	20.1	21.3	22.3	23.3	24.2	24.9	25.5	26.1
-77.5°	11.5	12.2	12.9	13.6	14.2	14.7	15.2	15.6	16.0	16.3	16.5
-80°	8.1	8.5	8.8	9.2	9.5	9.8	10.0	10.3	10.4	10.6	10.8
-82.5°	5.4	5.6	5.8	6.0	6.2	6.3	6.5	6.6	6.7	6.8	6.9
-85°	3.3	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.9	3.9	3.9
-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: P640295 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S\_ALL ON

**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°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.8
82.5°	6.9	7.0	7.0	7.0	7.0	7.0	6.9	6.9	6.8	6.7	6.6
80°	10.9	10.9	11.0	11.0	11.0	10.9	10.9	10.8	10.6	10.4	10.3
77.5°	16.7	16.9	17.0	17.0	17.0	16.9	16.7	16.5	16.3	16.0	15.6
75°	26.5	26.8	26.9	27.0	26.9	26.8	26.5	26.1	25.5	24.9	24.2
72.5°	39.2	39.6	39.9	40.0	39.9	39.6	39.2	38.6	37.8	36.8	35.7
70°	61.4	62.3	62.8	63.0	62.8	62.3	61.4	60.1	58.5	56.5	54.1
67.5°	92.4	93.8	94.7	95.0	94.7	93.8	92.4	90.4	87.8	84.7	81.0
65°	130.4	132.4	133.6	134.0	133.6	132.4	130.4	127.7	124.1	119.8	114.8
62.5°	178.0	180.8	182.4	183.0	182.4	180.8	178.0	174.1	169.2	163.2	156.1
60°	234.4	238.1	240.3	241.0	240.3	238.1	234.4	229.4	222.9	215.0	205.7
57.5°	276.0	278.8	280.4	281.0	280.4	278.8	276.0	272.2	267.2	261.2	254.2
55°	301.7	303.5	304.6	305.0	304.6	303.5	301.7	299.2	295.9	292.0	287.4
52.5°	337.3	340.5	342.4	343.0	342.4	340.5	337.3	332.9	327.3	320.5	312.5
50°	411.5	419.0	423.5	425.0	423.5	419.0	411.5	401.2	387.9	371.9	353.2
47.5°	543.2	557.5	566.1	569.0	566.1	557.5	543.2	523.3	498.0	467.4	431.6
45°	1130.7	1206.2	1251.8	1267.0	1251.8	1206.2	1130.7	1025.8	892.2	730.8	563.6
42.5°	1976.9	2083.3	2147.4	2168.9	2147.4	2083.3	1976.9	1829.2	1641.5	1415.1	1177.8
40°	2759.3	2858.2	2917.9	2937.9	2917.9	2858.2	2759.3	2622.2	2448.1	2238.6	1965.4
37.5°	3466.3	3565.7	3625.8	3645.9	3625.8	3565.7	3466.3	3328.7	3154.3	2944.9	2682.1
35°	4184.1	4298.5	4367.7	4390.9	4367.7	4298.5	4184.1	4026.0	3826.1	3589.7	3327.1
32.5°	5119.0	5295.2	5402.1	5437.9	5402.1	5295.2	5119.0	4876.0	4569.6	4257.7	3958.3
30°	6472.7	6760.9	6936.1	6994.8	6936.1	6760.9	6472.7	6076.3	5578.2	5133.9	4677.5
27.5°	8070.6	8420.3	8633.3	8704.8	8633.3	8420.3	8070.6	7591.3	6991.9	6345.7	5608.9
25°	9850.9	10294.0	10564.6	10655.7	10564.6	10294.0	9850.9	9246.4	8520.1	7744.1	6876.4
22.5°	11805.6	12348.4	12681.3	12793.6	12681.3	12348.4	11805.6	11069.4	10202.7	9232.5	8210.8
20°	13796.1	14396.7	14767.3	14892.6	14767.3	14396.7	13796.1	12987.8	11982.5	10814.6	9612.4
17.5°	15837.0	16600.9	17076.0	17237.5	17076.0	16600.9	15837.0	14827.4	13724.3	12455.9	11037.8
15°	18113.4	19183.9	19857.9	20088.5	19857.9	19183.9	18113.4	16802.4	15424.2	13976.9	12455.9
12.5°	20464.8	21299.7	21750.1	21883.9	21750.1	21299.7	20464.8	18996.1	17137.2	15424.2	13724.3
10°	21896.5	22524.1	22871.0	22990.4	22871.0	22524.1	21896.5	20830.4	18996.1	16802.4	14827.4
7.5°	22758.6	23318.4	23637.6	23742.9	23637.6	23318.4	22758.6	21896.5	20464.8	18113.4	15837.0
5°	23318.4	23855.9	24188.4	24300.3	24188.4	23855.9	23318.4	22524.1	21299.7	19183.9	16600.9
2.5°	23637.6	24188.4	24433.6	24464.3	24433.6	24188.4	23637.6	22871.0	21750.1	19857.9	17076.0
0°	23742.9	24300.3	24464.3	24358.3	24464.3	24300.3	23742.9	22990.4	21883.9	20088.5	17237.5
-2.5°	23637.6	24188.4	24433.6	24464.3	24433.6	24188.4	23637.6	22871.0	21750.1	19857.9	17076.0
-5°	23318.4	23855.9	24188.4	24300.3	24188.4	23855.9	23318.4	22524.1	21299.7	19183.9	16600.9
-7.5°	22758.6	23318.4	23637.6	23742.9	23637.6	23318.4	22758.6	21896.5	20464.8	18113.4	15837.0
-10°	21896.5	22524.1	22871.0	22990.4	22871.0	22524.1	21896.5	20830.4	18996.1	16802.4	14827.4
-12.5°	20464.8	21299.7	21750.1	21883.9	21750.1	21299.7	20464.8	18996.1	17137.2	15424.2	13724.3
-15°	18113.4	19183.9	19857.9	20088.5	19857.9	19183.9	18113.4	16802.4	15424.2	13976.9	12455.9
-17.5°	15837.0	16600.9	17076.0	17237.5	17076.0	16600.9	15837.0	14827.4	13724.3	12455.9	11037.8
-20°	13796.1	14396.7	14767.3	14892.6	14767.3	14396.7	13796.1	12987.8	11982.5	10814.6	9612.4



REPORT NUMBER: P640295 (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°	11805.6	12348.4	12681.3	12793.6	12681.3	12348.4	11805.6	11069.4	10202.7	9232.5	8210.8
-25°	9850.9	10294.0	10564.6	10655.7	10564.6	10294.0	9850.9	9246.4	8520.1	7744.1	6876.4
-27.5°	8070.6	8420.3	8633.3	8704.8	8633.3	8420.3	8070.6	7591.3	6991.9	6345.7	5608.9
-30°	6472.7	6760.9	6936.1	6994.8	6936.1	6760.9	6472.7	6076.3	5578.2	5133.9	4677.5
-32.5°	5119.0	5295.2	5402.1	5437.9	5402.1	5295.2	5119.0	4876.0	4569.6	4257.7	3958.3
-35°	4184.1	4298.5	4367.7	4390.9	4367.7	4298.5	4184.1	4026.0	3826.1	3589.7	3327.1
-37.5°	3466.3	3565.7	3625.8	3645.9	3625.8	3565.7	3466.3	3328.7	3154.3	2944.9	2682.1
-40°	2759.3	2858.2	2917.9	2937.9	2917.9	2858.2	2759.3	2622.2	2448.1	2238.6	1965.4
-42.5°	1976.9	2083.3	2147.4	2168.9	2147.4	2083.3	1976.9	1829.2	1641.5	1415.1	1177.8
-45°	1130.7	1206.2	1251.8	1267.0	1251.8	1206.2	1130.7	1025.8	892.2	730.8	563.6
-47.5°	543.2	557.5	566.1	569.0	566.1	557.5	543.2	523.3	498.0	467.4	431.6
-50°	411.5	419.0	423.5	425.0	423.5	419.0	411.5	401.2	387.9	371.9	353.2
-52.5°	337.3	340.5	342.4	343.0	342.4	340.5	337.3	332.9	327.3	320.5	312.5
-55°	301.7	303.5	304.6	305.0	304.6	303.5	301.7	299.2	295.9	292.0	287.4
-57.5°	276.0	278.8	280.4	281.0	280.4	278.8	276.0	272.2	267.2	261.2	254.2
-60°	234.4	238.1	240.3	241.0	240.3	238.1	234.4	229.4	222.9	215.0	205.7
-62.5°	178.0	180.8	182.4	183.0	182.4	180.8	178.0	174.1	169.2	163.2	156.1
-65°	130.4	132.4	133.6	134.0	133.6	132.4	130.4	127.7	124.1	119.8	114.8
-67.5°	92.4	93.8	94.7	95.0	94.7	93.8	92.4	90.4	87.8	84.7	81.0
-70°	61.4	62.3	62.8	63.0	62.8	62.3	61.4	60.1	58.5	56.5	54.1
-72.5°	39.2	39.6	39.9	40.0	39.9	39.6	39.2	38.6	37.8	36.8	35.7
-75°	26.5	26.8	26.9	27.0	26.9	26.8	26.5	26.1	25.5	24.9	24.2
-77.5°	16.7	16.9	17.0	17.0	17.0	16.9	16.7	16.5	16.3	16.0	15.6
-80°	10.9	10.9	11.0	11.0	11.0	10.9	10.9	10.8	10.6	10.4	10.3
-82.5°	6.9	7.0	7.0	7.0	7.0	7.0	6.9	6.9	6.8	6.7	6.6
-85°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.8
-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





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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°	3.8	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1	2.9	2.8
82.5°	6.5	6.3	6.2	6.0	5.8	5.6	5.4	5.1	4.9	4.6	4.4
80°	10.0	9.8	9.5	9.2	8.8	8.5	8.1	7.7	7.2	6.8	6.5
77.5°	15.2	14.7	14.2	13.6	12.9	12.2	11.5	10.8	10.3	9.7	9.1
75°	23.3	22.3	21.3	20.1	18.8	17.4	16.4	15.4	14.4	13.4	12.3
72.5°	34.4	32.9	31.2	29.4	27.5	25.8	24.0	22.2	20.3	18.2	16.5
70°	51.5	48.5	45.1	41.5	38.6	36.2	33.6	30.9	28.0	25.4	23.0
67.5°	76.8	72.0	66.8	61.6	57.1	52.2	47.1	41.6	37.6	34.2	30.6
65°	109.0	102.5	95.3	88.8	81.8	74.3	66.3	59.2	52.8	46.0	39.4
62.5°	148.0	138.9	129.9	121.2	111.7	101.5	91.5	82.1	72.2	62.1	54.3
60°	195.2	183.3	172.1	160.0	146.9	133.1	121.2	108.6	95.3	83.9	72.0
57.5°	246.2	235.5	221.1	205.3	188.4	172.1	155.8	138.5	123.2	108.1	92.8
55°	282.1	273.0	262.1	250.3	236.0	216.2	195.2	174.5	154.9	134.3	117.3
52.5°	304.0	297.5	290.5	282.7	270.1	255.3	239.0	215.0	189.9	166.7	143.7
50°	337.8	326.8	314.6	302.7	293.7	284.2	269.4	251.6	229.4	201.3	173.9
47.5°	405.6	379.8	351.4	332.6	317.3	302.5	291.6	279.6	259.7	238.1	207.0
45°	519.5	470.5	420.3	387.1	351.6	329.5	311.0	296.6	283.9	263.7	241.0
42.5°	946.8	690.2	536.1	473.5	414.5	374.1	337.7	317.1	299.1	285.1	263.7
40°	1642.8	1285.3	979.2	653.8	514.9	439.2	387.8	341.9	319.2	299.1	283.9
37.5°	2385.1	2037.4	1618.3	1190.4	819.8	540.1	455.7	392.4	341.9	317.1	296.6
35°	3031.8	2686.5	2303.2	1844.9	1334.3	903.7	548.6	455.7	387.8	337.7	311.0
32.5°	3623.9	3274.0	2892.1	2453.7	1959.6	1390.2	903.7	540.1	439.2	374.1	329.5
30°	4232.6	3836.6	3422.2	2991.8	2504.3	1959.6	1334.3	819.8	514.9	414.5	351.6
27.5°	5003.1	4405.1	3945.3	3472.1	2991.8	2453.7	1844.9	1190.4	653.8	473.5	387.1
25°	5993.2	5169.1	4484.9	3945.3	3422.2	2892.1	2303.2	1618.3	979.2	536.1	420.3
22.5°	7163.0	6123.1	5169.1	4405.1	3836.6	3274.0	2686.5	2037.4	1285.3	690.2	470.5
20°	8369.0	7163.0	5993.2	5003.1	4232.6	3623.9	3031.8	2385.1	1642.8	946.8	519.5
17.5°	9612.4	8210.8	6876.4	5608.9	4677.5	3958.3	3327.1	2682.1	1965.4	1177.8	563.6
15°	10814.6	9232.5	7744.1	6345.7	5133.9	4257.7	3589.7	2944.9	2238.6	1415.1	730.8
12.5°	11982.5	10202.7	8520.1	6991.9	5578.2	4569.6	3826.1	3154.3	2448.1	1641.5	892.2
10°	12987.8	11069.4	9246.4	7591.3	6076.3	4876.0	4026.0	3328.7	2622.2	1829.2	1025.8
7.5°	13796.1	11805.6	9850.9	8070.6	6472.7	5119.0	4184.1	3466.3	2759.3	1976.9	1130.7
5°	14396.7	12348.4	10294.0	8420.3	6760.9	5295.2	4298.5	3565.7	2858.2	2083.3	1206.2
2.5°	14767.3	12681.3	10564.6	8633.3	6936.1	5402.1	4367.7	3625.8	2917.9	2147.4	1251.8
0°	14892.6	12793.6	10655.7	8704.8	6994.8	5437.9	4390.9	3645.9	2937.9	2168.9	1267.0
-2.5°	14767.3	12681.3	10564.6	8633.3	6936.1	5402.1	4367.7	3625.8	2917.9	2147.4	1251.8
-5°	14396.7	12348.4	10294.0	8420.3	6760.9	5295.2	4298.5	3565.7	2858.2	2083.3	1206.2
-7.5°	13796.1	11805.6	9850.9	8070.6	6472.7	5119.0	4184.1	3466.3	2759.3	1976.9	1130.7
-10°	12987.8	11069.4	9246.4	7591.3	6076.3	4876.0	4026.0	3328.7	2622.2	1829.2	1025.8
-12.5°	11982.5	10202.7	8520.1	6991.9	5578.2	4569.6	3826.1	3154.3	2448.1	1641.5	892.2
-15°	10814.6	9232.5	7744.1	6345.7	5133.9	4257.7	3589.7	2944.9	2238.6	1415.1	730.8
-17.5°	9612.4	8210.8	6876.4	5608.9	4677.5	3958.3	3327.1	2682.1	1965.4	1177.8	563.6
-20°	8369.0	7163.0	5993.2	5003.1	4232.6	3623.9	3031.8	2385.1	1642.8	946.8	519.5



REPORT NUMBER: P640295 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S\_ALL ON

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7163.0	6123.1	5169.1	4405.1	3836.6	3274.0	2686.5	2037.4	1285.3	690.2	470.5
-25°	5993.2	5169.1	4484.9	3945.3	3422.2	2892.1	2303.2	1618.3	979.2	536.1	420.3
-27.5°	5003.1	4405.1	3945.3	3472.1	2991.8	2453.7	1844.9	1190.4	653.8	473.5	387.1
-30°	4232.6	3836.6	3422.2	2991.8	2504.3	1959.6	1334.3	819.8	514.9	414.5	351.6
-32.5°	3623.9	3274.0	2892.1	2453.7	1959.6	1390.2	903.7	540.1	439.2	374.1	329.5
-35°	3031.8	2686.5	2303.2	1844.9	1334.3	903.7	548.6	455.7	387.8	337.7	311.0
-37.5°	2385.1	2037.4	1618.3	1190.4	819.8	540.1	455.7	392.4	341.9	317.1	296.6
-40°	1642.8	1285.3	979.2	653.8	514.9	439.2	387.8	341.9	319.2	299.1	283.9
-42.5°	946.8	690.2	536.1	473.5	414.5	374.1	337.7	317.1	299.1	285.1	263.7
-45°	519.5	470.5	420.3	387.1	351.6	329.5	311.0	296.6	283.9	263.7	241.0
-47.5°	405.6	379.8	351.4	332.6	317.3	302.5	291.6	279.6	259.7	238.1	207.0
-50°	337.8	326.8	314.6	302.7	293.7	284.2	269.4	251.6	229.4	201.3	173.9
-52.5°	304.0	297.5	290.5	282.7	270.1	255.3	239.0	215.0	189.9	166.7	143.7
-55°	282.1	273.0	262.1	250.3	236.0	216.2	195.2	174.5	154.9	134.3	117.3
-57.5°	246.2	235.5	221.1	205.3	188.4	172.1	155.8	138.5	123.2	108.1	92.8
-60°	195.2	183.3	172.1	160.0	146.9	133.1	121.2	108.6	95.3	83.9	72.0
-62.5°	148.0	138.9	129.9	121.2	111.7	101.5	91.5	82.1	72.2	62.1	54.3
-65°	109.0	102.5	95.3	88.8	81.8	74.3	66.3	59.2	52.8	46.0	39.4
-67.5°	76.8	72.0	66.8	61.6	57.1	52.2	47.1	41.6	37.6	34.2	30.6
-70°	51.5	48.5	45.1	41.5	38.6	36.2	33.6	30.9	28.0	25.4	23.0
-72.5°	34.4	32.9	31.2	29.4	27.5	25.8	24.0	22.2	20.3	18.2	16.5
-75°	23.3	22.3	21.3	20.1	18.8	17.4	16.4	15.4	14.4	13.4	12.3
-77.5°	15.2	14.7	14.2	13.6	12.9	12.2	11.5	10.8	10.3	9.7	9.1
-80°	10.0	9.8	9.5	9.2	8.8	8.5	8.1	7.7	7.2	6.8	6.5
-82.5°	6.5	6.3	6.2	6.0	5.8	5.6	5.4	5.1	4.9	4.6	4.4
-85°	3.8	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1	2.9	2.8
-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: P640295 (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°	2.7	2.6	2.4	2.3	2.1	2.0	1.8	1.7	1.5	1.4	1.2
82.5°	4.1	3.9	3.6	3.4	3.2	3.0	2.8	2.5	2.3	2.0	1.8
80°	6.1	5.7	5.3	4.9	4.4	4.0	3.7	3.4	3.0	2.7	2.4
77.5°	8.5	7.8	7.1	6.6	6.0	5.5	4.9	4.3	3.8	3.4	3.0
75°	11.2	10.3	9.5	8.7	7.8	6.9	6.2	5.5	4.8	4.1	3.6
72.5°	15.1	13.7	12.3	10.9	9.9	8.8	7.8	6.8	5.9	5.1	4.2
70°	20.4	17.8	15.8	14.2	12.4	10.8	9.5	8.3	7.0	6.1	5.1
67.5°	26.9	24.0	20.9	17.7	15.5	13.5	11.4	9.9	8.5	7.0	5.9
65°	35.3	31.0	26.6	23.1	19.5	16.3	14.0	11.7	9.9	8.3	6.8
62.5°	46.2	38.8	33.9	28.9	24.5	20.4	16.5	14.0	11.4	9.5	7.8
60°	60.6	51.5	42.0	35.7	30.0	24.9	20.4	16.3	13.5	10.8	8.8
57.5°	79.4	65.6	54.6	44.1	36.3	30.0	24.5	19.5	15.5	12.4	9.9
55°	99.7	83.9	68.6	55.7	44.1	35.7	28.9	23.1	17.7	14.2	10.9
52.5°	122.8	103.4	85.4	68.6	54.6	42.0	33.9	26.6	20.9	15.8	12.3
50°	148.5	124.7	103.4	83.9	65.6	51.5	38.8	31.0	24.0	17.8	13.7
47.5°	176.3	148.5	122.8	99.7	79.4	60.6	46.2	35.3	26.9	20.4	15.1
45°	207.0	173.9	143.7	117.3	92.8	72.0	54.3	39.4	30.6	23.0	16.5
42.5°	238.1	201.3	166.7	134.3	108.1	83.9	62.1	46.0	34.2	25.4	18.2
40°	259.7	229.4	189.9	154.9	123.2	95.3	72.2	52.8	37.6	28.0	20.3
37.5°	279.6	251.6	215.0	174.5	138.5	108.6	82.1	59.2	41.6	30.9	22.2
35°	291.6	269.4	239.0	195.2	155.8	121.2	91.5	66.3	47.1	33.6	24.0
32.5°	302.5	284.2	255.3	216.2	172.1	133.1	101.5	74.3	52.2	36.2	25.8
30°	317.3	293.7	270.1	236.0	188.4	146.9	111.7	81.8	57.1	38.6	27.5
27.5°	332.6	302.7	282.7	250.3	205.3	160.0	121.2	88.8	61.6	41.5	29.4
25°	351.4	314.6	290.5	262.1	221.1	172.1	129.9	95.3	66.8	45.1	31.2
22.5°	379.8	326.8	297.5	273.0	235.5	183.3	138.9	102.5	72.0	48.5	32.9
20°	405.6	337.8	304.0	282.1	246.2	195.2	148.0	109.0	76.8	51.5	34.4
17.5°	431.6	353.2	312.5	287.4	254.2	205.7	156.1	114.8	81.0	54.1	35.7
15°	467.4	371.9	320.5	292.0	261.2	215.0	163.2	119.8	84.7	56.5	36.8
12.5°	498.0	387.9	327.3	295.9	267.2	222.9	169.2	124.1	87.8	58.5	37.8
10°	523.3	401.2	332.9	299.2	272.2	229.4	174.1	127.7	90.4	60.1	38.6
7.5°	543.2	411.5	337.3	301.7	276.0	234.4	178.0	130.4	92.4	61.4	39.2
5°	557.5	419.0	340.5	303.5	278.8	238.1	180.8	132.4	93.8	62.3	39.6
2.5°	566.1	423.5	342.4	304.6	280.4	240.3	182.4	133.6	94.7	62.8	39.9
0°	569.0	425.0	343.0	305.0	281.0	241.0	183.0	134.0	95.0	63.0	40.0
-2.5°	566.1	423.5	342.4	304.6	280.4	240.3	182.4	133.6	94.7	62.8	39.9
-5°	557.5	419.0	340.5	303.5	278.8	238.1	180.8	132.4	93.8	62.3	39.6
-7.5°	543.2	411.5	337.3	301.7	276.0	234.4	178.0	130.4	92.4	61.4	39.2
-10°	523.3	401.2	332.9	299.2	272.2	229.4	174.1	127.7	90.4	60.1	38.6
-12.5°	498.0	387.9	327.3	295.9	267.2	222.9	169.2	124.1	87.8	58.5	37.8
-15°	467.4	371.9	320.5	292.0	261.2	215.0	163.2	119.8	84.7	56.5	36.8
-17.5°	431.6	353.2	312.5	287.4	254.2	205.7	156.1	114.8	81.0	54.1	35.7
-20°	405.6	337.8	304.0	282.1	246.2	195.2	148.0	109.0	76.8	51.5	34.4



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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°	379.8	326.8	297.5	273.0	235.5	183.3	138.9	102.5	72.0	48.5	32.9
-25°	351.4	314.6	290.5	262.1	221.1	172.1	129.9	95.3	66.8	45.1	31.2
-27.5°	332.6	302.7	282.7	250.3	205.3	160.0	121.2	88.8	61.6	41.5	29.4
-30°	317.3	293.7	270.1	236.0	188.4	146.9	111.7	81.8	57.1	38.6	27.5
-32.5°	302.5	284.2	255.3	216.2	172.1	133.1	101.5	74.3	52.2	36.2	25.8
-35°	291.6	269.4	239.0	195.2	155.8	121.2	91.5	66.3	47.1	33.6	24.0
-37.5°	279.6	251.6	215.0	174.5	138.5	108.6	82.1	59.2	41.6	30.9	22.2
-40°	259.7	229.4	189.9	154.9	123.2	95.3	72.2	52.8	37.6	28.0	20.3
-42.5°	238.1	201.3	166.7	134.3	108.1	83.9	62.1	46.0	34.2	25.4	18.2
-45°	207.0	173.9	143.7	117.3	92.8	72.0	54.3	39.4	30.6	23.0	16.5
-47.5°	176.3	148.5	122.8	99.7	79.4	60.6	46.2	35.3	26.9	20.4	15.1
-50°	148.5	124.7	103.4	83.9	65.6	51.5	38.8	31.0	24.0	17.8	13.7
-52.5°	122.8	103.4	85.4	68.6	54.6	42.0	33.9	26.6	20.9	15.8	12.3
-55°	99.7	83.9	68.6	55.7	44.1	35.7	28.9	23.1	17.7	14.2	10.9
-57.5°	79.4	65.6	54.6	44.1	36.3	30.0	24.5	19.5	15.5	12.4	9.9
-60°	60.6	51.5	42.0	35.7	30.0	24.9	20.4	16.3	13.5	10.8	8.8
-62.5°	46.2	38.8	33.9	28.9	24.5	20.4	16.5	14.0	11.4	9.5	7.8
-65°	35.3	31.0	26.6	23.1	19.5	16.3	14.0	11.7	9.9	8.3	6.8
-67.5°	26.9	24.0	20.9	17.7	15.5	13.5	11.4	9.9	8.5	7.0	5.9
-70°	20.4	17.8	15.8	14.2	12.4	10.8	9.5	8.3	7.0	6.1	5.1
-72.5°	15.1	13.7	12.3	10.9	9.9	8.8	7.8	6.8	5.9	5.1	4.2
-75°	11.2	10.3	9.5	8.7	7.8	6.9	6.2	5.5	4.8	4.1	3.6
-77.5°	8.5	7.8	7.1	6.6	6.0	5.5	4.9	4.3	3.8	3.4	3.0
-80°	6.1	5.7	5.3	4.9	4.4	4.0	3.7	3.4	3.0	2.7	2.4
-82.5°	4.1	3.9	3.6	3.4	3.2	3.0	2.8	2.5	2.3	2.0	1.8
-85°	2.7	2.6	2.4	2.3	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°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
77.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
75°	3.1	2.6	2.1	1.5	1.0	0.5	0.0
72.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
70°	4.1	3.4	2.7	2.0	1.4	0.7	0.0
67.5°	4.8	3.8	3.0	2.3	1.5	0.8	0.0
65°	5.5	4.3	3.4	2.5	1.7	0.8	0.0
62.5°	6.2	4.9	3.7	2.8	1.8	0.9	0.0
60°	6.9	5.5	4.0	3.0	2.0	1.0	0.0
57.5°	7.8	6.0	4.4	3.2	2.1	1.1	0.0
55°	8.7	6.6	4.9	3.4	2.3	1.1	0.0
52.5°	9.5	7.1	5.3	3.6	2.4	1.2	0.0
50°	10.3	7.8	5.7	3.9	2.6	1.3	0.0
47.5°	11.2	8.5	6.1	4.1	2.7	1.4	0.0
45°	12.3	9.1	6.5	4.4	2.8	1.4	0.0
42.5°	13.4	9.7	6.8	4.6	2.9	1.5	0.0
40°	14.4	10.3	7.2	4.9	3.1	1.5	0.0
37.5°	15.4	10.8	7.7	5.1	3.2	1.6	0.0
35°	16.4	11.5	8.1	5.4	3.3	1.6	0.0
32.5°	17.4	12.2	8.5	5.6	3.4	1.7	0.0
30°	18.8	12.9	8.8	5.8	3.5	1.7	0.0
27.5°	20.1	13.6	9.2	6.0	3.5	1.8	0.0
25°	21.3	14.2	9.5	6.2	3.6	1.8	0.0
22.5°	22.3	14.7	9.8	6.3	3.7	1.8	0.0
20°	23.3	15.2	10.0	6.5	3.8	1.9	0.0
17.5°	24.2	15.6	10.3	6.6	3.8	1.9	0.0
15°	24.9	16.0	10.4	6.7	3.9	1.9	0.0
12.5°	25.5	16.3	10.6	6.8	3.9	2.0	0.0
10°	26.1	16.5	10.8	6.9	3.9	2.0	0.0
7.5°	26.5	16.7	10.9	6.9	4.0	2.0	0.0
5°	26.8	16.9	10.9	7.0	4.0	2.0	0.0
2.5°	26.9	17.0	11.0	7.0	4.0	2.0	0.0
0°	27.0	17.0	11.0	7.0	4.0	2.0	0.0
-2.5°	26.9	17.0	11.0	7.0	4.0	2.0	0.0
-5°	26.8	16.9	10.9	7.0	4.0	2.0	0.0
-7.5°	26.5	16.7	10.9	6.9	4.0	2.0	0.0
-10°	26.1	16.5	10.8	6.9	3.9	2.0	0.0
-12.5°	25.5	16.3	10.6	6.8	3.9	2.0	0.0
-15°	24.9	16.0	10.4	6.7	3.9	1.9	0.0
-17.5°	24.2	15.6	10.3	6.6	3.8	1.9	0.0
-20°	23.3	15.2	10.0	6.5	3.8	1.9	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22.3	14.7	9.8	6.3	3.7	1.8	0.0
-25°	21.3	14.2	9.5	6.2	3.6	1.8	0.0
-27.5°	20.1	13.6	9.2	6.0	3.5	1.8	0.0
-30°	18.8	12.9	8.8	5.8	3.5	1.7	0.0
-32.5°	17.4	12.2	8.5	5.6	3.4	1.7	0.0
-35°	16.4	11.5	8.1	5.4	3.3	1.6	0.0
-37.5°	15.4	10.8	7.7	5.1	3.2	1.6	0.0
-40°	14.4	10.3	7.2	4.9	3.1	1.5	0.0
-42.5°	13.4	9.7	6.8	4.6	2.9	1.5	0.0
-45°	12.3	9.1	6.5	4.4	2.8	1.4	0.0
-47.5°	11.2	8.5	6.1	4.1	2.7	1.4	0.0
-50°	10.3	7.8	5.7	3.9	2.6	1.3	0.0
-52.5°	9.5	7.1	5.3	3.6	2.4	1.2	0.0
-55°	8.7	6.6	4.9	3.4	2.3	1.1	0.0
-57.5°	7.8	6.0	4.4	3.2	2.1	1.1	0.0
-60°	6.9	5.5	4.0	3.0	2.0	1.0	0.0
-62.5°	6.2	4.9	3.7	2.8	1.8	0.9	0.0
-65°	5.5	4.3	3.4	2.5	1.7	0.8	0.0
-67.5°	4.8	3.8	3.0	2.3	1.5	0.8	0.0
-70°	4.1	3.4	2.7	2.0	1.4	0.7	0.0
-72.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
-75°	3.1	2.6	2.1	1.5	1.0	0.5	0.0
-77.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
-80°	2.1	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)