

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: P640289 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-08PR-500PL-RGB-2S_GREEN ONLY**

Issue Date: 2/13/2023

Test Information

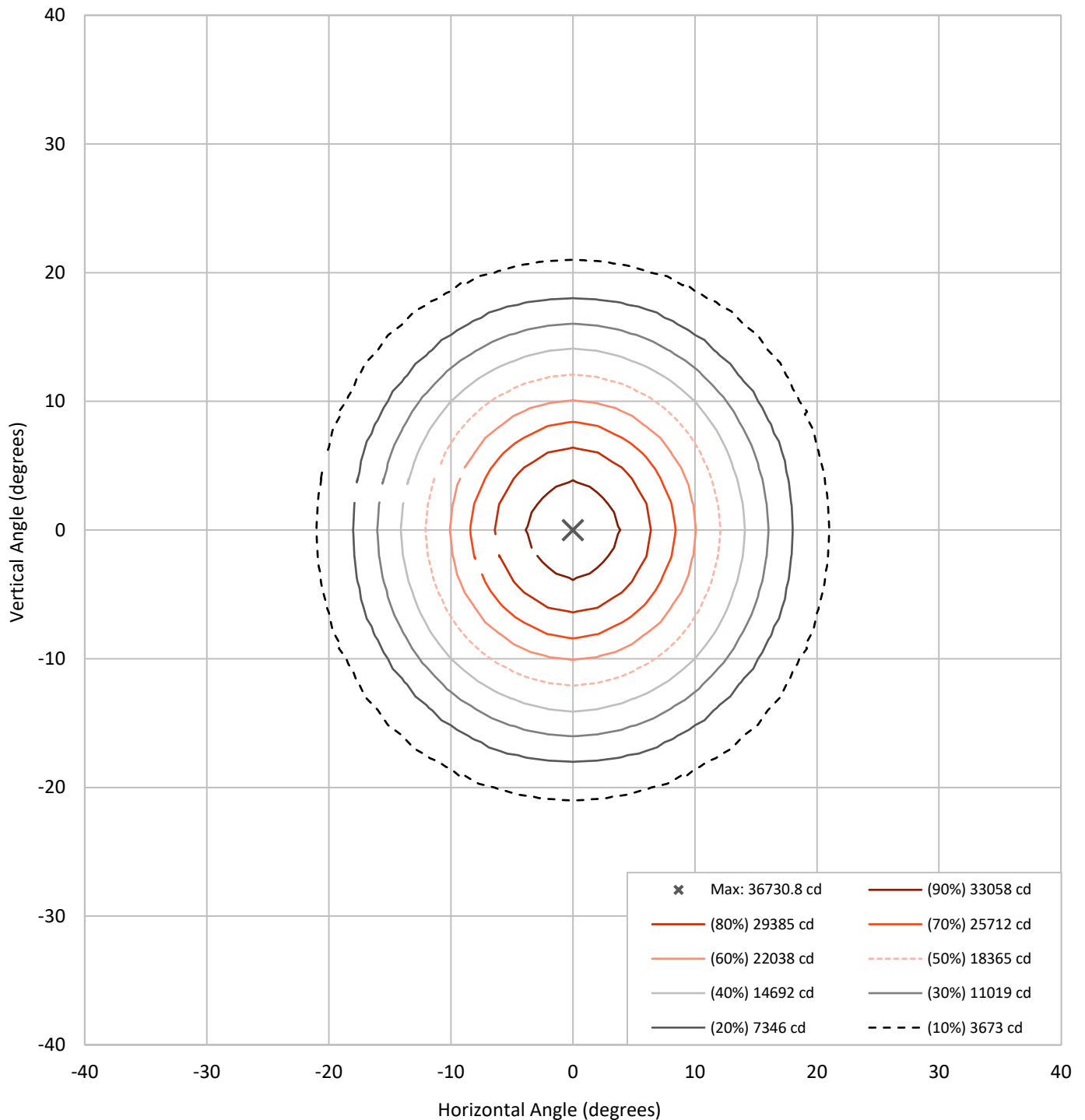
Test Method: LM-79-08
Report Number: P640289 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-885-2)
Test Lab: INNOVATION CENTER
Issue Date: 2/13/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-LS-08PR-500PL-RGB-2S_GREEN ONLY
Description: LUMASPORT 8 PRISM RGB
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	7784.2 lumens	Max Intensity:	36730.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	58.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	24.2°H x 24.2°V	Field Angle (10%):	42°H x 42°V
Beam Lumens:	3660.4 lumens	Field Lumens:	6215.5 lumens
Beam Efficiency:	47.0%	Field Efficiency:	79.8%
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		

REPORT NUMBER: P640289 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_GREEN ONLY

Iso-Candela Plot





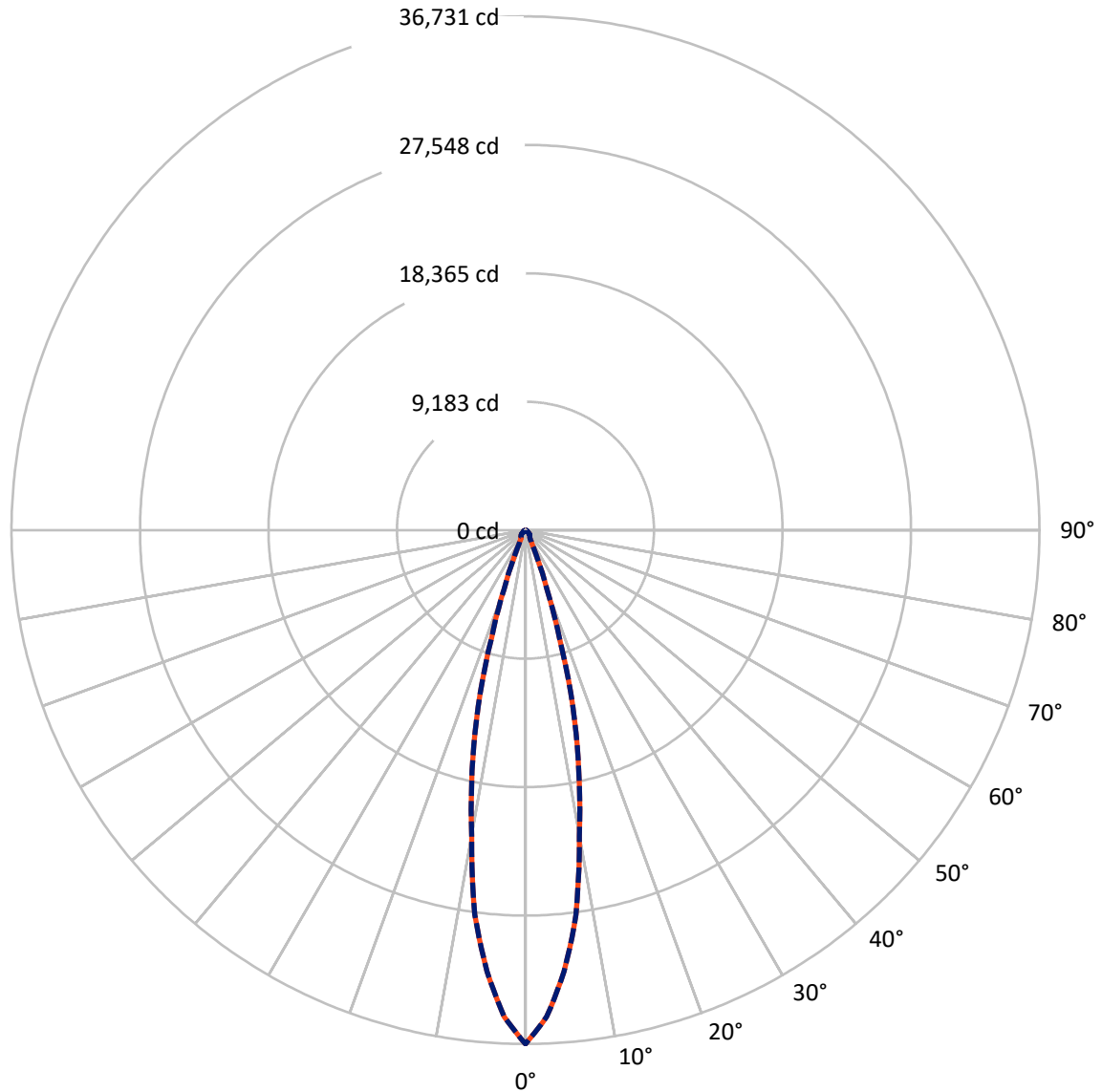
REPORT NUMBER: P640289 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_GREEN ONLY

Lumen Table

90	0.0	0.2	0.5	1.1	1.4	1.1	0.5	0.2	0.0										
80	0.0	0.2	0.5	1.1	1.4	1.1	0.5	0.2	0.0										
70	0.1	0.1	0.3	0.7	1.2	1.8	2.3	2.6	2.6	2.3	1.8	1.2	0.7	0.3	0.1	0.1			
60		0.2	0.7	1.7	2.8	4.0	4.8	5.3	5.3	4.8	4.0	2.8	1.7	0.7	0.2				
50	0.2	0.4	1.4	2.9	4.5	6.8	9.7	11.5	11.5	9.7	6.8	4.5	2.9	1.4	0.4	0.2			
40		0.7	2.0	3.9	7.6	12.5	15.1	16.5	16.5	15.1	12.5	7.6	3.9	2.0	0.7				
30	0.3	0.9	2.5	5.4	11.3	15.3	23.9	46.3	46.3	23.9	15.3	11.3	5.4	2.5	0.9	0.3			
20		1.0	2.9	7.2	12.8	22.5	123.9	339.4	339.4	123.9	22.5	12.8	7.2	2.9	1.0				
10	0.4	1.1	3.1	8.2	13.6	42.6	330.7	804.0	804.0	330.7	42.6	13.6	8.2	3.1	1.1	0.4			
0		1.1	3.1	8.2	13.6	42.6	330.7	804.0	804.0	330.7	42.6	13.6	8.2	3.1	1.1				
-10	0.3	1.0	2.9	7.2	12.8	22.5	123.9	339.4	339.4	123.9	22.5	12.8	7.2	2.9	1.0	0.3			
-20		0.9	2.5	5.4	11.3	15.3	23.9	46.3	46.3	23.9	15.3	11.3	5.4	2.5	0.9				
-30	0.2	0.7	2.0	3.9	7.6	12.5	15.1	16.5	16.5	15.1	12.5	7.6	3.9	2.0	0.7	0.2			
-40		0.4	1.4	2.9	4.5	6.8	9.7	11.5	11.5	9.7	6.8	4.5	2.9	1.4	0.4				
-50	0.1	0.2	0.7	1.7	2.8	4.0	4.8	5.3	5.3	4.8	4.0	2.8	1.7	0.7	0.2	0.1			
-60		0.1	0.3	0.7	1.2	1.8	2.3	2.6	2.6	2.3	1.8	1.2	0.7	0.3	0.1				
-70	0.0	0.2	0.5	1.1	1.4	1.1	0.5	0.2	0.0							0.0			
-80		0.2	0.5	1.1	1.4	1.1	0.5	0.2	0.0										
-90	0.0	0.2	0.5	1.1	1.4	1.1	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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CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_GREEN ONLY

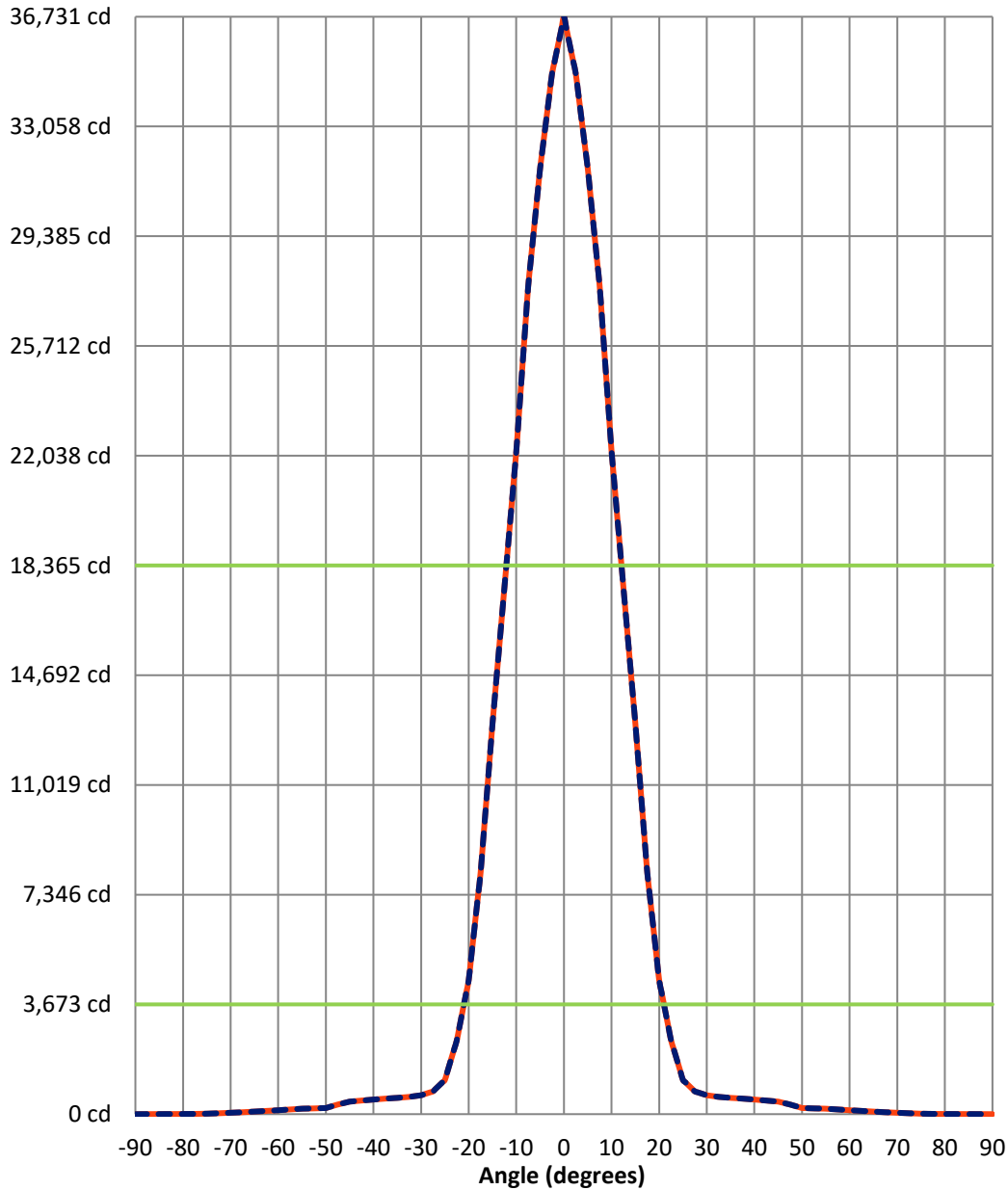
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 24.2°
V Angle: 24.2°
Lumens: 3660.4
Efficiency: 47.0%

Field:
H Angle: 42°
V Angle: 42°
Lumens: 6215.5
Efficiency: 79.8%

Spill:
Lumens: 1568.7
Efficiency: 20.2%

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



REPORT NUMBER: P640289 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_GREEN ONLY

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	10.7
55°	0.0	1.1	2.1	2.7	3.3	3.9	4.8	5.9	7.6	9.5	13.3
52.5°	0.0	1.2	2.2	2.8	3.4	4.1	5.3	6.7	8.4	11.7	15.7
50°	0.0	1.3	2.3	2.9	3.6	4.4	5.7	7.4	9.6	13.9	20.3
47.5°	0.0	1.4	2.4	3.0	3.7	4.7	6.1	8.1	11.4	16.0	24.9
45°	0.0	1.4	2.4	3.1	3.8	5.0	6.7	8.7	13.2	19.9	29.4
42.5°	0.0	1.5	2.5	3.2	3.9	5.3	7.2	9.9	14.9	23.8	34.5
40°	0.0	1.5	2.5	3.3	4.1	5.6	7.7	11.3	17.1	27.5	39.4
37.5°	0.0	1.6	2.6	3.4	4.3	5.9	8.2	12.6	20.2	31.2	44.2
35°	0.0	1.6	2.6	3.5	4.5	6.3	8.7	13.9	23.1	35.2	48.7
32.5°	0.0	1.7	2.7	3.5	4.7	6.6	9.3	15.1	25.9	39.0	53.0
30°	0.0	1.7	2.7	3.6	4.9	7.0	10.3	16.5	28.5	42.6	57.0
27.5°	0.0	1.8	2.8	3.7	5.1	7.3	11.2	18.6	31.1	45.9	60.7
25°	0.0	1.8	2.8	3.7	5.2	7.6	12.0	20.6	33.8	49.0	64.2
22.5°	0.0	1.8	2.8	3.8	5.4	7.8	12.7	22.3	36.3	51.8	68.2
20°	0.0	1.9	2.9	3.8	5.5	8.1	13.4	23.9	38.5	54.3	71.9
17.5°	0.0	1.9	2.9	3.9	5.6	8.3	14.0	25.3	40.5	56.6	75.2
15°	0.0	1.9	2.9	3.9	5.7	8.5	14.5	26.6	42.2	58.5	78.0
12.5°	0.0	2.0	3.0	3.9	5.8	8.6	15.0	27.6	43.6	60.2	80.4
10°	0.0	2.0	3.0	4.0	5.9	8.8	15.3	28.5	44.8	61.6	82.4
7.5°	0.0	2.0	3.0	4.0	5.9	8.9	15.6	29.1	45.8	62.6	84.0
5°	0.0	2.0	3.0	4.0	6.0	8.9	15.8	29.6	46.5	63.4	85.1
2.5°	0.0	2.0	3.0	4.0	6.0	9.0	16.0	29.9	46.9	63.8	85.8
0°	0.0	2.0	3.0	4.0	6.0	9.0	16.0	30.0	47.0	64.0	86.0
-2.5°	0.0	2.0	3.0	4.0	6.0	9.0	16.0	29.9	46.9	63.8	85.8
-5°	0.0	2.0	3.0	4.0	6.0	8.9	15.8	29.6	46.5	63.4	85.1
-7.5°	0.0	2.0	3.0	4.0	5.9	8.9	15.6	29.1	45.8	62.6	84.0
-10°	0.0	2.0	3.0	4.0	5.9	8.8	15.3	28.5	44.8	61.6	82.4
-12.5°	0.0	2.0	3.0	3.9	5.8	8.6	15.0	27.6	43.6	60.2	80.4
-15°	0.0	1.9	2.9	3.9	5.7	8.5	14.5	26.6	42.2	58.5	78.0
-17.5°	0.0	1.9	2.9	3.9	5.6	8.3	14.0	25.3	40.5	56.6	75.2
-20°	0.0	1.9	2.9	3.8	5.5	8.1	13.4	23.9	38.5	54.3	71.9



REPORT NUMBER: P640289 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_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	12.7	22.3	36.3	51.8	68.2
-25°	0.0	1.8	2.8	3.7	5.2	7.6	12.0	20.6	33.8	49.0	64.2
-27.5°	0.0	1.8	2.8	3.7	5.1	7.3	11.2	18.6	31.1	45.9	60.7
-30°	0.0	1.7	2.7	3.6	4.9	7.0	10.3	16.5	28.5	42.6	57.0
-32.5°	0.0	1.7	2.7	3.5	4.7	6.6	9.3	15.1	25.9	39.0	53.0
-35°	0.0	1.6	2.6	3.5	4.5	6.3	8.7	13.9	23.1	35.2	48.7
-37.5°	0.0	1.6	2.6	3.4	4.3	5.9	8.2	12.6	20.2	31.2	44.2
-40°	0.0	1.5	2.5	3.3	4.1	5.6	7.7	11.3	17.1	27.5	39.4
-42.5°	0.0	1.5	2.5	3.2	3.9	5.3	7.2	9.9	14.9	23.8	34.5
-45°	0.0	1.4	2.4	3.1	3.8	5.0	6.7	8.7	13.2	19.9	29.4
-47.5°	0.0	1.4	2.4	3.0	3.7	4.7	6.1	8.1	11.4	16.0	24.9
-50°	0.0	1.3	2.3	2.9	3.6	4.4	5.7	7.4	9.6	13.9	20.3
-52.5°	0.0	1.2	2.2	2.8	3.4	4.1	5.3	6.7	8.4	11.7	15.7
-55°	0.0	1.1	2.1	2.7	3.3	3.9	4.8	5.9	7.6	9.5	13.3
-57.5°	0.0	1.1	2.1	2.6	3.1	3.7	4.4	5.4	6.7	8.2	10.7
-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



REPORT NUMBER: P640289 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_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	9.9	11.3	12.6
70°	5.3	5.9	6.7	7.6	8.4	9.6	11.4	13.2	14.9	17.1	20.2
67.5°	6.2	7.2	8.2	9.5	11.7	13.9	16.0	19.9	23.8	27.5	31.2
65°	7.5	8.6	10.7	13.3	15.7	20.3	24.9	29.4	34.5	39.4	44.2
62.5°	8.8	11.4	14.2	18.0	23.4	28.7	34.6	40.6	46.3	51.9	57.1
60°	11.4	14.5	19.3	25.3	31.5	38.5	45.2	51.8	58.1	64.2	71.7
57.5°	14.2	19.3	26.0	33.1	40.8	48.4	55.7	62.8	71.4	79.9	88.1
55°	18.0	25.3	33.1	41.6	50.0	58.1	66.6	76.6	86.2	95.8	105.0
52.5°	23.4	31.5	40.8	50.0	58.9	68.7	79.7	90.6	101.3	111.6	121.1
50°	28.7	38.5	48.4	58.1	68.7	80.8	92.8	104.7	115.9	126.6	137.9
47.5°	34.6	45.2	55.7	66.6	79.7	92.8	105.8	118.1	129.9	143.1	156.1
45°	40.6	51.8	62.8	76.6	90.6	104.7	118.1	131.0	145.8	160.1	173.9
42.5°	46.3	58.1	71.4	86.2	101.3	115.9	129.9	145.8	161.4	176.6	185.9
40°	51.9	64.2	79.9	95.8	111.6	126.6	143.1	160.1	176.6	186.4	191.7
37.5°	57.1	71.7	88.1	105.0	121.1	137.9	156.1	173.9	185.9	191.7	200.4
35°	62.1	78.8	96.2	113.6	130.2	149.4	168.5	184.4	190.7	199.7	230.7
32.5°	67.7	85.5	103.9	121.6	140.3	160.4	180.2	188.8	197.3	217.4	298.7
30°	73.4	92.1	111.0	129.1	149.9	170.8	185.9	193.5	204.2	278.4	356.8
27.5°	78.8	98.2	117.5	137.1	158.9	180.5	189.5	199.5	245.1	333.8	408.4
25°	83.7	103.9	123.4	144.7	167.2	185.3	193.4	205.2	295.5	379.0	433.0
22.5°	88.3	109.1	128.9	151.8	174.9	188.2	198.3	242.6	338.8	419.7	449.7
20°	92.6	113.6	134.4	158.2	181.9	190.8	202.7	282.1	374.5	434.0	464.6
17.5°	96.4	117.6	139.6	163.9	184.8	193.7	211.3	317.6	406.6	446.9	477.7
15°	99.7	121.1	144.2	168.9	186.7	196.9	240.1	344.5	424.9	458.1	489.3
12.5°	102.5	124.1	148.0	173.2	188.3	199.7	264.8	366.9	433.9	467.3	498.5
10°	104.8	126.6	151.3	176.7	189.6	201.9	285.2	385.5	441.4	475.0	506.1
7.5°	106.7	128.5	153.8	179.4	190.6	203.7	301.2	400.1	447.3	481.1	512.1
5°	108.0	129.9	155.6	181.4	191.4	205.0	312.7	410.6	451.6	485.5	516.5
2.5°	108.7	130.7	156.6	182.6	191.8	205.7	319.7	416.9	454.1	488.1	519.1
0°	109.0	131.0	157.0	183.0	192.0	206.0	322.0	419.0	455.0	489.0	520.0
-2.5°	108.7	130.7	156.6	182.6	191.8	205.7	319.7	416.9	454.1	488.1	519.1
-5°	108.0	129.9	155.6	181.4	191.4	205.0	312.7	410.6	451.6	485.5	516.5
-7.5°	106.7	128.5	153.8	179.4	190.6	203.7	301.2	400.1	447.3	481.1	512.1
-10°	104.8	126.6	151.3	176.7	189.6	201.9	285.2	385.5	441.4	475.0	506.1
-12.5°	102.5	124.1	148.0	173.2	188.3	199.7	264.8	366.9	433.9	467.3	498.5
-15°	99.7	121.1	144.2	168.9	186.7	196.9	240.1	344.5	424.9	458.1	489.3
-17.5°	96.4	117.6	139.6	163.9	184.8	193.7	211.3	317.6	406.6	446.9	477.7
-20°	92.6	113.6	134.4	158.2	181.9	190.8	202.7	282.1	374.5	434.0	464.6



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	88.3	109.1	128.9	151.8	174.9	188.2	198.3	242.6	338.8	419.7	449.7
-25°	83.7	103.9	123.4	144.7	167.2	185.3	193.4	205.2	295.5	379.0	433.0
-27.5°	78.8	98.2	117.5	137.1	158.9	180.5	189.5	199.5	245.1	333.8	408.4
-30°	73.4	92.1	111.0	129.1	149.9	170.8	185.9	193.5	204.2	278.4	356.8
-32.5°	67.7	85.5	103.9	121.6	140.3	160.4	180.2	188.8	197.3	217.4	298.7
-35°	62.1	78.8	96.2	113.6	130.2	149.4	168.5	184.4	190.7	199.7	230.7
-37.5°	57.1	71.7	88.1	105.0	121.1	137.9	156.1	173.9	185.9	191.7	200.4
-40°	51.9	64.2	79.9	95.8	111.6	126.6	143.1	160.1	176.6	186.4	191.7
-42.5°	46.3	58.1	71.4	86.2	101.3	115.9	129.9	145.8	161.4	176.6	185.9
-45°	40.6	51.8	62.8	76.6	90.6	104.7	118.1	131.0	145.8	160.1	173.9
-47.5°	34.6	45.2	55.7	66.6	79.7	92.8	105.8	118.1	129.9	143.1	156.1
-50°	28.7	38.5	48.4	58.1	68.7	80.8	92.8	104.7	115.9	126.6	137.9
-52.5°	23.4	31.5	40.8	50.0	58.9	68.7	79.7	90.6	101.3	111.6	121.1
-55°	18.0	25.3	33.1	41.6	50.0	58.1	66.6	76.6	86.2	95.8	105.0
-57.5°	14.2	19.3	26.0	33.1	40.8	48.4	55.7	62.8	71.4	79.9	88.1
-60°	11.4	14.5	19.3	25.3	31.5	38.5	45.2	51.8	58.1	64.2	71.7
-62.5°	8.8	11.4	14.2	18.0	23.4	28.7	34.6	40.6	46.3	51.9	57.1
-65°	7.5	8.6	10.7	13.3	15.7	20.3	24.9	29.4	34.5	39.4	44.2
-67.5°	6.2	7.2	8.2	9.5	11.7	13.9	16.0	19.9	23.8	27.5	31.2
-70°	5.3	5.9	6.7	7.6	8.4	9.6	11.4	13.2	14.9	17.1	20.2
-72.5°	4.4	4.9	5.4	5.9	6.7	7.4	8.1	8.7	9.9	11.3	12.6
-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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 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_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	9.3	10.3	11.2	12.0	12.7	13.4	14.0	14.5	15.0	15.3
72.5°	13.9	15.1	16.5	18.6	20.6	22.3	23.9	25.3	26.6	27.6	28.5
70°	23.1	25.9	28.5	31.1	33.8	36.3	38.5	40.5	42.2	43.6	44.8
67.5°	35.2	39.0	42.6	45.9	49.0	51.8	54.3	56.6	58.5	60.2	61.6
65°	48.7	53.0	57.0	60.7	64.2	68.2	71.9	75.2	78.0	80.4	82.4
62.5°	62.1	67.7	73.4	78.8	83.7	88.3	92.6	96.4	99.7	102.5	104.8
60°	78.8	85.5	92.1	98.2	103.9	109.1	113.6	117.6	121.1	124.1	126.6
57.5°	96.2	103.9	111.0	117.5	123.4	128.9	134.4	139.6	144.2	148.0	151.3
55°	113.6	121.6	129.1	137.1	144.7	151.8	158.2	163.9	168.9	173.2	176.7
52.5°	130.2	140.3	149.9	158.9	167.2	174.9	181.9	184.8	186.7	188.3	189.6
50°	149.4	160.4	170.8	180.5	185.3	188.2	190.8	193.7	196.9	199.7	201.9
47.5°	168.5	180.2	185.9	189.5	193.4	198.3	202.7	211.3	240.1	264.8	285.2
45°	184.4	188.8	193.5	199.5	205.2	242.6	282.1	317.6	344.5	366.9	385.5
42.5°	190.7	197.3	204.2	245.1	295.5	338.8	374.5	406.6	424.9	433.9	441.4
40°	199.7	217.4	278.4	333.8	379.0	419.7	434.0	446.9	458.1	467.3	475.0
37.5°	230.7	298.7	356.8	408.4	433.0	449.7	464.6	477.7	489.3	498.5	506.1
35°	305.5	368.5	421.7	442.1	460.9	477.9	493.1	506.0	517.5	526.0	532.8
32.5°	368.5	423.9	446.6	467.6	487.0	503.7	519.0	530.5	540.5	550.6	560.3
30°	421.7	446.6	469.8	491.4	510.2	526.4	539.7	554.0	568.4	583.0	600.6
27.5°	442.1	467.6	491.4	512.4	530.0	545.4	564.3	584.0	610.1	632.9	677.7
25°	460.9	487.0	510.2	530.0	548.0	569.5	597.6	628.8	689.1	747.2	867.3
22.5°	477.9	503.7	526.4	545.4	569.5	602.2	645.6	724.0	864.6	1055.1	1400.4
20°	493.1	519.0	539.7	564.3	597.6	645.6	735.9	939.2	1242.5	1966.4	2655.7
17.5°	506.0	530.5	554.0	584.0	628.8	724.0	939.2	1380.8	2259.8	3363.5	4423.4
15°	517.5	540.5	568.4	610.1	689.1	864.6	1242.5	2259.8	3606.2	5302.0	7417.4
12.5°	526.0	550.6	583.0	632.9	747.2	1055.1	1966.4	3363.5	5302.0	7931.2	11161.4
10°	532.8	560.3	600.6	677.7	867.3	1400.4	2655.7	4423.4	7417.4	11161.4	14697.5
7.5°	538.1	567.9	614.6	713.5	986.0	1856.7	3432.4	5935.7	9617.4	13896.6	17659.4
5°	541.9	573.5	624.7	739.7	1073.0	2193.1	4009.5	7108.0	11489.9	15893.7	20053.8
2.5°	544.2	576.9	630.9	755.6	1126.1	2399.5	4365.6	7837.4	12669.0	17174.4	21635.8
0°	545.0	578.0	633.0	761.0	1144.0	2469.1	4486.1	8085.2	13072.3	17617.4	22193.5
-2.5°	544.2	576.9	630.9	755.6	1126.1	2399.5	4365.6	7837.4	12669.0	17174.4	21635.8
-5°	541.9	573.5	624.7	739.7	1073.0	2193.1	4009.5	7108.0	11489.9	15893.7	20053.8
-7.5°	538.1	567.9	614.6	713.5	986.0	1856.7	3432.4	5935.7	9617.4	13896.6	17659.4
-10°	532.8	560.3	600.6	677.7	867.3	1400.4	2655.7	4423.4	7417.4	11161.4	14697.5
-12.5°	526.0	550.6	583.0	632.9	747.2	1055.1	1966.4	3363.5	5302.0	7931.2	11161.4
-15°	517.5	540.5	568.4	610.1	689.1	864.6	1242.5	2259.8	3606.2	5302.0	7417.4
-17.5°	506.0	530.5	554.0	584.0	628.8	724.0	939.2	1380.8	2259.8	3363.5	4423.4
-20°	493.1	519.0	539.7	564.3	597.6	645.6	735.9	939.2	1242.5	1966.4	2655.7



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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°	477.9	503.7	526.4	545.4	569.5	602.2	645.6	724.0	864.6	1055.1	1400.4
-25°	460.9	487.0	510.2	530.0	548.0	569.5	597.6	628.8	689.1	747.2	867.3
-27.5°	442.1	467.6	491.4	512.4	530.0	545.4	564.3	584.0	610.1	632.9	677.7
-30°	421.7	446.6	469.8	491.4	510.2	526.4	539.7	554.0	568.4	583.0	600.6
-32.5°	368.5	423.9	446.6	467.6	487.0	503.7	519.0	530.5	540.5	550.6	560.3
-35°	305.5	368.5	421.7	442.1	460.9	477.9	493.1	506.0	517.5	526.0	532.8
-37.5°	230.7	298.7	356.8	408.4	433.0	449.7	464.6	477.7	489.3	498.5	506.1
-40°	199.7	217.4	278.4	333.8	379.0	419.7	434.0	446.9	458.1	467.3	475.0
-42.5°	190.7	197.3	204.2	245.1	295.5	338.8	374.5	406.6	424.9	433.9	441.4
-45°	184.4	188.8	193.5	199.5	205.2	242.6	282.1	317.6	344.5	366.9	385.5
-47.5°	168.5	180.2	185.9	189.5	193.4	198.3	202.7	211.3	240.1	264.8	285.2
-50°	149.4	160.4	170.8	180.5	185.3	188.2	190.8	193.7	196.9	199.7	201.9
-52.5°	130.2	140.3	149.9	158.9	167.2	174.9	181.9	184.8	186.7	188.3	189.6
-55°	113.6	121.6	129.1	137.1	144.7	151.8	158.2	163.9	168.9	173.2	176.7
-57.5°	96.2	103.9	111.0	117.5	123.4	128.9	134.4	139.6	144.2	148.0	151.3
-60°	78.8	85.5	92.1	98.2	103.9	109.1	113.6	117.6	121.1	124.1	126.6
-62.5°	62.1	67.7	73.4	78.8	83.7	88.3	92.6	96.4	99.7	102.5	104.8
-65°	48.7	53.0	57.0	60.7	64.2	68.2	71.9	75.2	78.0	80.4	82.4
-67.5°	35.2	39.0	42.6	45.9	49.0	51.8	54.3	56.6	58.5	60.2	61.6
-70°	23.1	25.9	28.5	31.1	33.8	36.3	38.5	40.5	42.2	43.6	44.8
-72.5°	13.9	15.1	16.5	18.6	20.6	22.3	23.9	25.3	26.6	27.6	28.5
-75°	8.7	9.3	10.3	11.2	12.0	12.7	13.4	14.0	14.5	15.0	15.3
-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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 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_GREEN ONLY

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°	15.6	15.8	16.0	16.0	16.0	15.8	15.6	15.3	15.0	14.5	14.0
72.5°	29.1	29.6	29.9	30.0	29.9	29.6	29.1	28.5	27.6	26.6	25.3
70°	45.8	46.5	46.9	47.0	46.9	46.5	45.8	44.8	43.6	42.2	40.5
67.5°	62.6	63.4	63.8	64.0	63.8	63.4	62.6	61.6	60.2	58.5	56.6
65°	84.0	85.1	85.8	86.0	85.8	85.1	84.0	82.4	80.4	78.0	75.2
62.5°	106.7	108.0	108.7	109.0	108.7	108.0	106.7	104.8	102.5	99.7	96.4
60°	128.5	129.9	130.7	131.0	130.7	129.9	128.5	126.6	124.1	121.1	117.6
57.5°	153.8	155.6	156.6	157.0	156.6	155.6	153.8	151.3	148.0	144.2	139.6
55°	179.4	181.4	182.6	183.0	182.6	181.4	179.4	176.7	173.2	168.9	163.9
52.5°	190.6	191.4	191.8	192.0	191.8	191.4	190.6	189.6	188.3	186.7	184.8
50°	203.7	205.0	205.7	206.0	205.7	205.0	203.7	201.9	199.7	196.9	193.7
47.5°	301.2	312.7	319.7	322.0	319.7	312.7	301.2	285.2	264.8	240.1	211.3
45°	400.1	410.6	416.9	419.0	416.9	410.6	400.1	385.5	366.9	344.5	317.6
42.5°	447.3	451.6	454.1	455.0	454.1	451.6	447.3	441.4	433.9	424.9	406.6
40°	481.1	485.5	488.1	489.0	488.1	485.5	481.1	475.0	467.3	458.1	446.9
37.5°	512.1	516.5	519.1	520.0	519.1	516.5	512.1	506.1	498.5	489.3	477.7
35°	538.1	541.9	544.2	545.0	544.2	541.9	538.1	532.8	526.0	517.5	506.0
32.5°	567.9	573.5	576.9	578.0	576.9	573.5	567.9	560.3	550.6	540.5	530.5
30°	614.6	624.7	630.9	633.0	630.9	624.7	614.6	600.6	583.0	568.4	554.0
27.5°	713.5	739.7	755.6	761.0	755.6	739.7	713.5	677.7	632.9	610.1	584.0
25°	986.0	1073.0	1126.1	1144.0	1126.1	1073.0	986.0	867.3	747.2	689.1	628.8
22.5°	1856.7	2193.1	2399.5	2469.1	2399.5	2193.1	1856.7	1400.4	1055.1	864.6	724.0
20°	3432.4	4009.5	4365.6	4486.1	4365.6	4009.5	3432.4	2655.7	1966.4	1242.5	939.2
17.5°	5935.7	7108.0	7837.4	8085.2	7837.4	7108.0	5935.7	4423.4	3363.5	2259.8	1380.8
15°	9617.4	11489.9	12669.0	13072.3	12669.0	11489.9	9617.4	7417.4	5302.0	3606.2	2259.8
12.5°	13896.6	15893.7	17174.4	17617.4	17174.4	15893.7	13896.6	11161.4	7931.2	5302.0	3363.5
10°	17659.4	20053.8	21635.8	22193.5	21635.8	20053.8	17659.4	14697.5	11161.4	7417.4	4423.4
7.5°	21111.0	24079.2	26772.3	27719.6	26772.3	24079.2	21111.0	17659.4	13896.6	9617.4	5935.7
5°	24079.2	28737.3	30988.1	31655.7	30988.1	28737.3	24079.2	20053.8	15893.7	11489.9	7108.0
2.5°	26772.3	30988.1	33217.3	34818.8	33217.3	30988.1	26772.3	21635.8	17174.4	12669.0	7837.4
0°	27719.6	31655.7	34818.8	36730.8	34818.8	31655.7	27719.6	22193.5	17617.4	13072.3	8085.2
-2.5°	26772.3	30988.1	33217.3	34818.8	33217.3	30988.1	26772.3	21635.8	17174.4	12669.0	7837.4
-5°	24079.2	28737.3	30988.1	31655.7	30988.1	28737.3	24079.2	20053.8	15893.7	11489.9	7108.0
-7.5°	21111.0	24079.2	26772.3	27719.6	26772.3	24079.2	21111.0	17659.4	13896.6	9617.4	5935.7
-10°	17659.4	20053.8	21635.8	22193.5	21635.8	20053.8	17659.4	14697.5	11161.4	7417.4	4423.4
-12.5°	13896.6	15893.7	17174.4	17617.4	17174.4	15893.7	13896.6	11161.4	7931.2	5302.0	3363.5
-15°	9617.4	11489.9	12669.0	13072.3	12669.0	11489.9	9617.4	7417.4	5302.0	3606.2	2259.8
-17.5°	5935.7	7108.0	7837.4	8085.2	7837.4	7108.0	5935.7	4423.4	3363.5	2259.8	1380.8
-20°	3432.4	4009.5	4365.6	4486.1	4365.6	4009.5	3432.4	2655.7	1966.4	1242.5	939.2



REPORT NUMBER: P640289 (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°	1856.7	2193.1	2399.5	2469.1	2399.5	2193.1	1856.7	1400.4	1055.1	864.6	724.0
-25°	986.0	1073.0	1126.1	1144.0	1126.1	1073.0	986.0	867.3	747.2	689.1	628.8
-27.5°	713.5	739.7	755.6	761.0	755.6	739.7	713.5	677.7	632.9	610.1	584.0
-30°	614.6	624.7	630.9	633.0	630.9	624.7	614.6	600.6	583.0	568.4	554.0
-32.5°	567.9	573.5	576.9	578.0	576.9	573.5	567.9	560.3	550.6	540.5	530.5
-35°	538.1	541.9	544.2	545.0	544.2	541.9	538.1	532.8	526.0	517.5	506.0
-37.5°	512.1	516.5	519.1	520.0	519.1	516.5	512.1	506.1	498.5	489.3	477.7
-40°	481.1	485.5	488.1	489.0	488.1	485.5	481.1	475.0	467.3	458.1	446.9
-42.5°	447.3	451.6	454.1	455.0	454.1	451.6	447.3	441.4	433.9	424.9	406.6
-45°	400.1	410.6	416.9	419.0	416.9	410.6	400.1	385.5	366.9	344.5	317.6
-47.5°	301.2	312.7	319.7	322.0	319.7	312.7	301.2	285.2	264.8	240.1	211.3
-50°	203.7	205.0	205.7	206.0	205.7	205.0	203.7	201.9	199.7	196.9	193.7
-52.5°	190.6	191.4	191.8	192.0	191.8	191.4	190.6	189.6	188.3	186.7	184.8
-55°	179.4	181.4	182.6	183.0	182.6	181.4	179.4	176.7	173.2	168.9	163.9
-57.5°	153.8	155.6	156.6	157.0	156.6	155.6	153.8	151.3	148.0	144.2	139.6
-60°	128.5	129.9	130.7	131.0	130.7	129.9	128.5	126.6	124.1	121.1	117.6
-62.5°	106.7	108.0	108.7	109.0	108.7	108.0	106.7	104.8	102.5	99.7	96.4
-65°	84.0	85.1	85.8	86.0	85.8	85.1	84.0	82.4	80.4	78.0	75.2
-67.5°	62.6	63.4	63.8	64.0	63.8	63.4	62.6	61.6	60.2	58.5	56.6
-70°	45.8	46.5	46.9	47.0	46.9	46.5	45.8	44.8	43.6	42.2	40.5
-72.5°	29.1	29.6	29.9	30.0	29.9	29.6	29.1	28.5	27.6	26.6	25.3
-75°	15.6	15.8	16.0	16.0	16.0	15.8	15.6	15.3	15.0	14.5	14.0
-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: P640289 (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°	13.4	12.7	12.0	11.2	10.3	9.3	8.7	8.2	7.7	7.2	6.7
72.5°	23.9	22.3	20.6	18.6	16.5	15.1	13.9	12.6	11.3	9.9	8.7
70°	38.5	36.3	33.8	31.1	28.5	25.9	23.1	20.2	17.1	14.9	13.2
67.5°	54.3	51.8	49.0	45.9	42.6	39.0	35.2	31.2	27.5	23.8	19.9
65°	71.9	68.2	64.2	60.7	57.0	53.0	48.7	44.2	39.4	34.5	29.4
62.5°	92.6	88.3	83.7	78.8	73.4	67.7	62.1	57.1	51.9	46.3	40.6
60°	113.6	109.1	103.9	98.2	92.1	85.5	78.8	71.7	64.2	58.1	51.8
57.5°	134.4	128.9	123.4	117.5	111.0	103.9	96.2	88.1	79.9	71.4	62.8
55°	158.2	151.8	144.7	137.1	129.1	121.6	113.6	105.0	95.8	86.2	76.6
52.5°	181.9	174.9	167.2	158.9	149.9	140.3	130.2	121.1	111.6	101.3	90.6
50°	190.8	188.2	185.3	180.5	170.8	160.4	149.4	137.9	126.6	115.9	104.7
47.5°	202.7	198.3	193.4	189.5	185.9	180.2	168.5	156.1	143.1	129.9	118.1
45°	282.1	242.6	205.2	199.5	193.5	188.8	184.4	173.9	160.1	145.8	131.0
42.5°	374.5	338.8	295.5	245.1	204.2	197.3	190.7	185.9	176.6	161.4	145.8
40°	434.0	419.7	379.0	333.8	278.4	217.4	199.7	191.7	186.4	176.6	160.1
37.5°	464.6	449.7	433.0	408.4	356.8	298.7	230.7	200.4	191.7	185.9	173.9
35°	493.1	477.9	460.9	442.1	421.7	368.5	305.5	230.7	199.7	190.7	184.4
32.5°	519.0	503.7	487.0	467.6	446.6	423.9	368.5	298.7	217.4	197.3	188.8
30°	539.7	526.4	510.2	491.4	469.8	446.6	421.7	356.8	278.4	204.2	193.5
27.5°	564.3	545.4	530.0	512.4	491.4	467.6	442.1	408.4	333.8	245.1	199.5
25°	597.6	569.5	548.0	530.0	510.2	487.0	460.9	433.0	379.0	295.5	205.2
22.5°	645.6	602.2	569.5	545.4	526.4	503.7	477.9	449.7	419.7	338.8	242.6
20°	735.9	645.6	597.6	564.3	539.7	519.0	493.1	464.6	434.0	374.5	282.1
17.5°	939.2	724.0	628.8	584.0	554.0	530.5	506.0	477.7	446.9	406.6	317.6
15°	1242.5	864.6	689.1	610.1	568.4	540.5	517.5	489.3	458.1	424.9	344.5
12.5°	1966.4	1055.1	747.2	632.9	583.0	550.6	526.0	498.5	467.3	433.9	366.9
10°	2655.7	1400.4	867.3	677.7	600.6	560.3	532.8	506.1	475.0	441.4	385.5
7.5°	3432.4	1856.7	986.0	713.5	614.6	567.9	538.1	512.1	481.1	447.3	400.1
5°	4009.5	2193.1	1073.0	739.7	624.7	573.5	541.9	516.5	485.5	451.6	410.6
2.5°	4365.6	2399.5	1126.1	755.6	630.9	576.9	544.2	519.1	488.1	454.1	416.9
0°	4486.1	2469.1	1144.0	761.0	633.0	578.0	545.0	520.0	489.0	455.0	419.0
-2.5°	4365.6	2399.5	1126.1	755.6	630.9	576.9	544.2	519.1	488.1	454.1	416.9
-5°	4009.5	2193.1	1073.0	739.7	624.7	573.5	541.9	516.5	485.5	451.6	410.6
-7.5°	3432.4	1856.7	986.0	713.5	614.6	567.9	538.1	512.1	481.1	447.3	400.1
-10°	2655.7	1400.4	867.3	677.7	600.6	560.3	532.8	506.1	475.0	441.4	385.5
-12.5°	1966.4	1055.1	747.2	632.9	583.0	550.6	526.0	498.5	467.3	433.9	366.9
-15°	1242.5	864.6	689.1	610.1	568.4	540.5	517.5	489.3	458.1	424.9	344.5
-17.5°	939.2	724.0	628.8	584.0	554.0	530.5	506.0	477.7	446.9	406.6	317.6
-20°	735.9	645.6	597.6	564.3	539.7	519.0	493.1	464.6	434.0	374.5	282.1



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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°	645.6	602.2	569.5	545.4	526.4	503.7	477.9	449.7	419.7	338.8	242.6
-25°	597.6	569.5	548.0	530.0	510.2	487.0	460.9	433.0	379.0	295.5	205.2
-27.5°	564.3	545.4	530.0	512.4	491.4	467.6	442.1	408.4	333.8	245.1	199.5
-30°	539.7	526.4	510.2	491.4	469.8	446.6	421.7	356.8	278.4	204.2	193.5
-32.5°	519.0	503.7	487.0	467.6	446.6	423.9	368.5	298.7	217.4	197.3	188.8
-35°	493.1	477.9	460.9	442.1	421.7	368.5	305.5	230.7	199.7	190.7	184.4
-37.5°	464.6	449.7	433.0	408.4	356.8	298.7	230.7	200.4	191.7	185.9	173.9
-40°	434.0	419.7	379.0	333.8	278.4	217.4	199.7	191.7	186.4	176.6	160.1
-42.5°	374.5	338.8	295.5	245.1	204.2	197.3	190.7	185.9	176.6	161.4	145.8
-45°	282.1	242.6	205.2	199.5	193.5	188.8	184.4	173.9	160.1	145.8	131.0
-47.5°	202.7	198.3	193.4	189.5	185.9	180.2	168.5	156.1	143.1	129.9	118.1
-50°	190.8	188.2	185.3	180.5	170.8	160.4	149.4	137.9	126.6	115.9	104.7
-52.5°	181.9	174.9	167.2	158.9	149.9	140.3	130.2	121.1	111.6	101.3	90.6
-55°	158.2	151.8	144.7	137.1	129.1	121.6	113.6	105.0	95.8	86.2	76.6
-57.5°	134.4	128.9	123.4	117.5	111.0	103.9	96.2	88.1	79.9	71.4	62.8
-60°	113.6	109.1	103.9	98.2	92.1	85.5	78.8	71.7	64.2	58.1	51.8
-62.5°	92.6	88.3	83.7	78.8	73.4	67.7	62.1	57.1	51.9	46.3	40.6
-65°	71.9	68.2	64.2	60.7	57.0	53.0	48.7	44.2	39.4	34.5	29.4
-67.5°	54.3	51.8	49.0	45.9	42.6	39.0	35.2	31.2	27.5	23.8	19.9
-70°	38.5	36.3	33.8	31.1	28.5	25.9	23.1	20.2	17.1	14.9	13.2
-72.5°	23.9	22.3	20.6	18.6	16.5	15.1	13.9	12.6	11.3	9.9	8.7
-75°	13.4	12.7	12.0	11.2	10.3	9.3	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°	11.4	9.6	8.4	7.6	6.7	5.9	5.3	4.6	4.0	3.7	3.4
67.5°	16.0	13.9	11.7	9.5	8.2	7.2	6.2	5.4	4.7	4.0	3.6
65°	24.9	20.3	15.7	13.3	10.7	8.6	7.5	6.3	5.4	4.6	3.9
62.5°	34.6	28.7	23.4	18.0	14.2	11.4	8.8	7.5	6.2	5.3	4.4
60°	45.2	38.5	31.5	25.3	19.3	14.5	11.4	8.6	7.2	5.9	4.9
57.5°	55.7	48.4	40.8	33.1	26.0	19.3	14.2	10.7	8.2	6.7	5.4
55°	66.6	58.1	50.0	41.6	33.1	25.3	18.0	13.3	9.5	7.6	5.9
52.5°	79.7	68.7	58.9	50.0	40.8	31.5	23.4	15.7	11.7	8.4	6.7
50°	92.8	80.8	68.7	58.1	48.4	38.5	28.7	20.3	13.9	9.6	7.4
47.5°	105.8	92.8	79.7	66.6	55.7	45.2	34.6	24.9	16.0	11.4	8.1
45°	118.1	104.7	90.6	76.6	62.8	51.8	40.6	29.4	19.9	13.2	8.7
42.5°	129.9	115.9	101.3	86.2	71.4	58.1	46.3	34.5	23.8	14.9	9.9
40°	143.1	126.6	111.6	95.8	79.9	64.2	51.9	39.4	27.5	17.1	11.3
37.5°	156.1	137.9	121.1	105.0	88.1	71.7	57.1	44.2	31.2	20.2	12.6
35°	168.5	149.4	130.2	113.6	96.2	78.8	62.1	48.7	35.2	23.1	13.9
32.5°	180.2	160.4	140.3	121.6	103.9	85.5	67.7	53.0	39.0	25.9	15.1
30°	185.9	170.8	149.9	129.1	111.0	92.1	73.4	57.0	42.6	28.5	16.5
27.5°	189.5	180.5	158.9	137.1	117.5	98.2	78.8	60.7	45.9	31.1	18.6
25°	193.4	185.3	167.2	144.7	123.4	103.9	83.7	64.2	49.0	33.8	20.6
22.5°	198.3	188.2	174.9	151.8	128.9	109.1	88.3	68.2	51.8	36.3	22.3
20°	202.7	190.8	181.9	158.2	134.4	113.6	92.6	71.9	54.3	38.5	23.9
17.5°	211.3	193.7	184.8	163.9	139.6	117.6	96.4	75.2	56.6	40.5	25.3
15°	240.1	196.9	186.7	168.9	144.2	121.1	99.7	78.0	58.5	42.2	26.6
12.5°	264.8	199.7	188.3	173.2	148.0	124.1	102.5	80.4	60.2	43.6	27.6
10°	285.2	201.9	189.6	176.7	151.3	126.6	104.8	82.4	61.6	44.8	28.5
7.5°	301.2	203.7	190.6	179.4	153.8	128.5	106.7	84.0	62.6	45.8	29.1
5°	312.7	205.0	191.4	181.4	155.6	129.9	108.0	85.1	63.4	46.5	29.6
2.5°	319.7	205.7	191.8	182.6	156.6	130.7	108.7	85.8	63.8	46.9	29.9
0°	322.0	206.0	192.0	183.0	157.0	131.0	109.0	86.0	64.0	47.0	30.0
-2.5°	319.7	205.7	191.8	182.6	156.6	130.7	108.7	85.8	63.8	46.9	29.9
-5°	312.7	205.0	191.4	181.4	155.6	129.9	108.0	85.1	63.4	46.5	29.6
-7.5°	301.2	203.7	190.6	179.4	153.8	128.5	106.7	84.0	62.6	45.8	29.1
-10°	285.2	201.9	189.6	176.7	151.3	126.6	104.8	82.4	61.6	44.8	28.5
-12.5°	264.8	199.7	188.3	173.2	148.0	124.1	102.5	80.4	60.2	43.6	27.6
-15°	240.1	196.9	186.7	168.9	144.2	121.1	99.7	78.0	58.5	42.2	26.6
-17.5°	211.3	193.7	184.8	163.9	139.6	117.6	96.4	75.2	56.6	40.5	25.3
-20°	202.7	190.8	181.9	158.2	134.4	113.6	92.6	71.9	54.3	38.5	23.9



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	198.3	188.2	174.9	151.8	128.9	109.1	88.3	68.2	51.8	36.3	22.3
-25°	193.4	185.3	167.2	144.7	123.4	103.9	83.7	64.2	49.0	33.8	20.6
-27.5°	189.5	180.5	158.9	137.1	117.5	98.2	78.8	60.7	45.9	31.1	18.6
-30°	185.9	170.8	149.9	129.1	111.0	92.1	73.4	57.0	42.6	28.5	16.5
-32.5°	180.2	160.4	140.3	121.6	103.9	85.5	67.7	53.0	39.0	25.9	15.1
-35°	168.5	149.4	130.2	113.6	96.2	78.8	62.1	48.7	35.2	23.1	13.9
-37.5°	156.1	137.9	121.1	105.0	88.1	71.7	57.1	44.2	31.2	20.2	12.6
-40°	143.1	126.6	111.6	95.8	79.9	64.2	51.9	39.4	27.5	17.1	11.3
-42.5°	129.9	115.9	101.3	86.2	71.4	58.1	46.3	34.5	23.8	14.9	9.9
-45°	118.1	104.7	90.6	76.6	62.8	51.8	40.6	29.4	19.9	13.2	8.7
-47.5°	105.8	92.8	79.7	66.6	55.7	45.2	34.6	24.9	16.0	11.4	8.1
-50°	92.8	80.8	68.7	58.1	48.4	38.5	28.7	20.3	13.9	9.6	7.4
-52.5°	79.7	68.7	58.9	50.0	40.8	31.5	23.4	15.7	11.7	8.4	6.7
-55°	66.6	58.1	50.0	41.6	33.1	25.3	18.0	13.3	9.5	7.6	5.9
-57.5°	55.7	48.4	40.8	33.1	26.0	19.3	14.2	10.7	8.2	6.7	5.4
-60°	45.2	38.5	31.5	25.3	19.3	14.5	11.4	8.6	7.2	5.9	4.9
-62.5°	34.6	28.7	23.4	18.0	14.2	11.4	8.8	7.5	6.2	5.3	4.4
-65°	24.9	20.3	15.7	13.3	10.7	8.6	7.5	6.3	5.4	4.6	3.9
-67.5°	16.0	13.9	11.7	9.5	8.2	7.2	6.2	5.4	4.7	4.0	3.6
-70°	11.4	9.6	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°	9.3	6.6	4.7	3.5	2.7	1.7	0.0
30°	10.3	7.0	4.9	3.6	2.7	1.7	0.0
27.5°	11.2	7.3	5.1	3.7	2.8	1.8	0.0
25°	12.0	7.6	5.2	3.7	2.8	1.8	0.0
22.5°	12.7	7.8	5.4	3.8	2.8	1.8	0.0
20°	13.4	8.1	5.5	3.8	2.9	1.9	0.0
17.5°	14.0	8.3	5.6	3.9	2.9	1.9	0.0
15°	14.5	8.5	5.7	3.9	2.9	1.9	0.0
12.5°	15.0	8.6	5.8	3.9	3.0	2.0	0.0
10°	15.3	8.8	5.9	4.0	3.0	2.0	0.0
7.5°	15.6	8.9	5.9	4.0	3.0	2.0	0.0
5°	15.8	8.9	6.0	4.0	3.0	2.0	0.0
2.5°	16.0	9.0	6.0	4.0	3.0	2.0	0.0
0°	16.0	9.0	6.0	4.0	3.0	2.0	0.0
-2.5°	16.0	9.0	6.0	4.0	3.0	2.0	0.0
-5°	15.8	8.9	6.0	4.0	3.0	2.0	0.0
-7.5°	15.6	8.9	5.9	4.0	3.0	2.0	0.0
-10°	15.3	8.8	5.9	4.0	3.0	2.0	0.0
-12.5°	15.0	8.6	5.8	3.9	3.0	2.0	0.0
-15°	14.5	8.5	5.7	3.9	2.9	1.9	0.0
-17.5°	14.0	8.3	5.6	3.9	2.9	1.9	0.0
-20°	13.4	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°	12.7	7.8	5.4	3.8	2.8	1.8	0.0
-25°	12.0	7.6	5.2	3.7	2.8	1.8	0.0
-27.5°	11.2	7.3	5.1	3.7	2.8	1.8	0.0
-30°	10.3	7.0	4.9	3.6	2.7	1.7	0.0
-32.5°	9.3	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)