

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: McGRAW-EDISON

Report Number: P722778 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-16-720PL-RGB-2R_GREEN-ONLY**

Issue Date: 11/1/2023

Test Information

Test Method: LM-79-08
Report Number: P722778 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2308-140-6)
Test Lab: INNOVATION CENTER
Issue Date: 11/1/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: EPH-LS-16-720PL-RGB-2R_GREEN-ONLY
Description: LUMASPORT 16 PRISM RGB
Light Source: -
Ballast/Driver: -

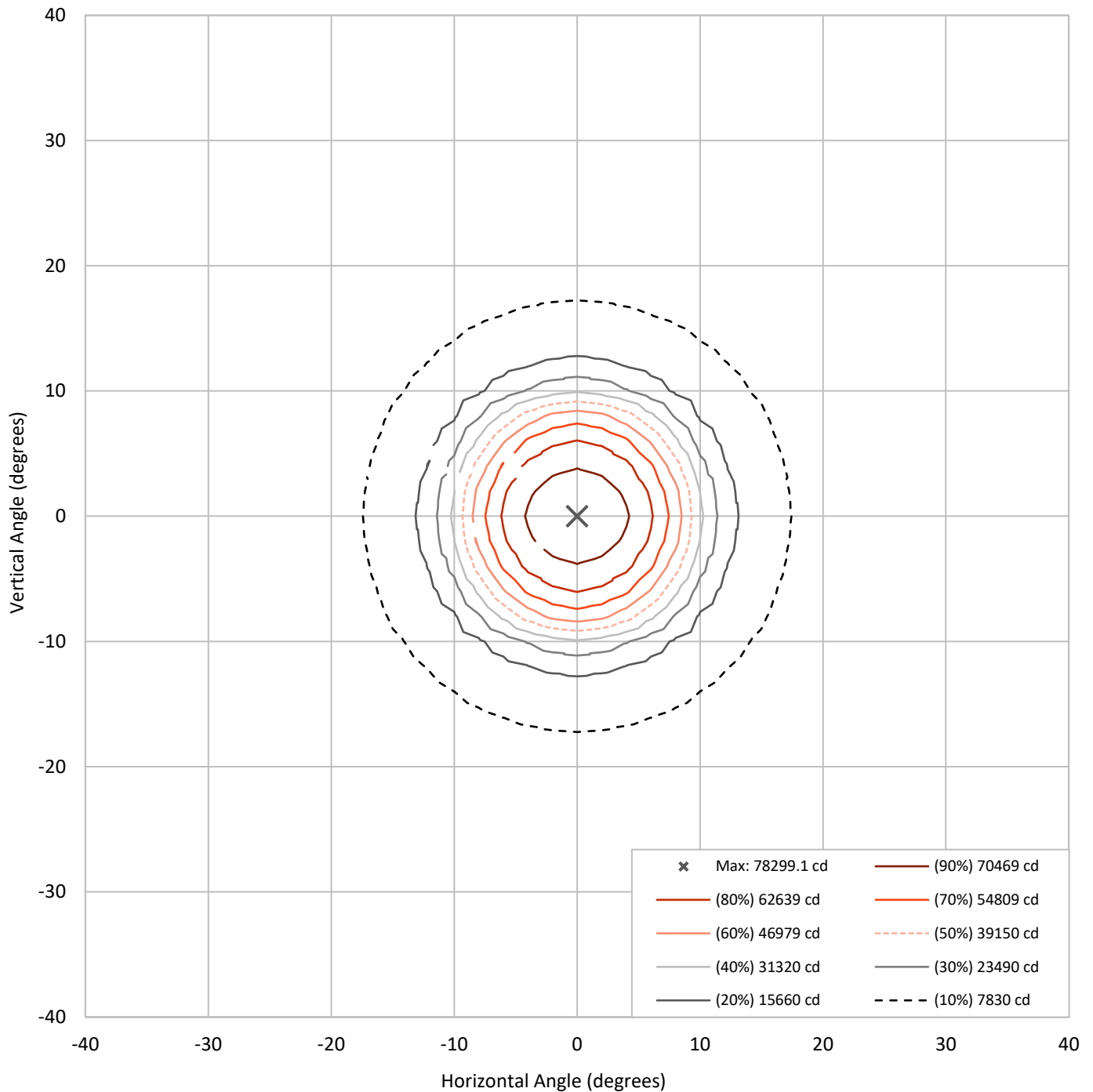
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	12769.2 lumens	Max Intensity:	78299.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	63.7 lumens/watt		
Luminous Opening:	Circular (Dia: 1.67' x H: 0')		
Beam Angle (50%):	18.7°H x 18.3°V	Field Angle (10%):	34.6°H x 34.2°V
Beam Lumens:	4876.3 lumens	Field Lumens:	7988.7 lumens
Beam Efficiency:	38.2%	Field Efficiency:	62.6%
Input Watts (W):	200.6		
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: P722778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_GREEN-ONLY

Iso-Candela Plot





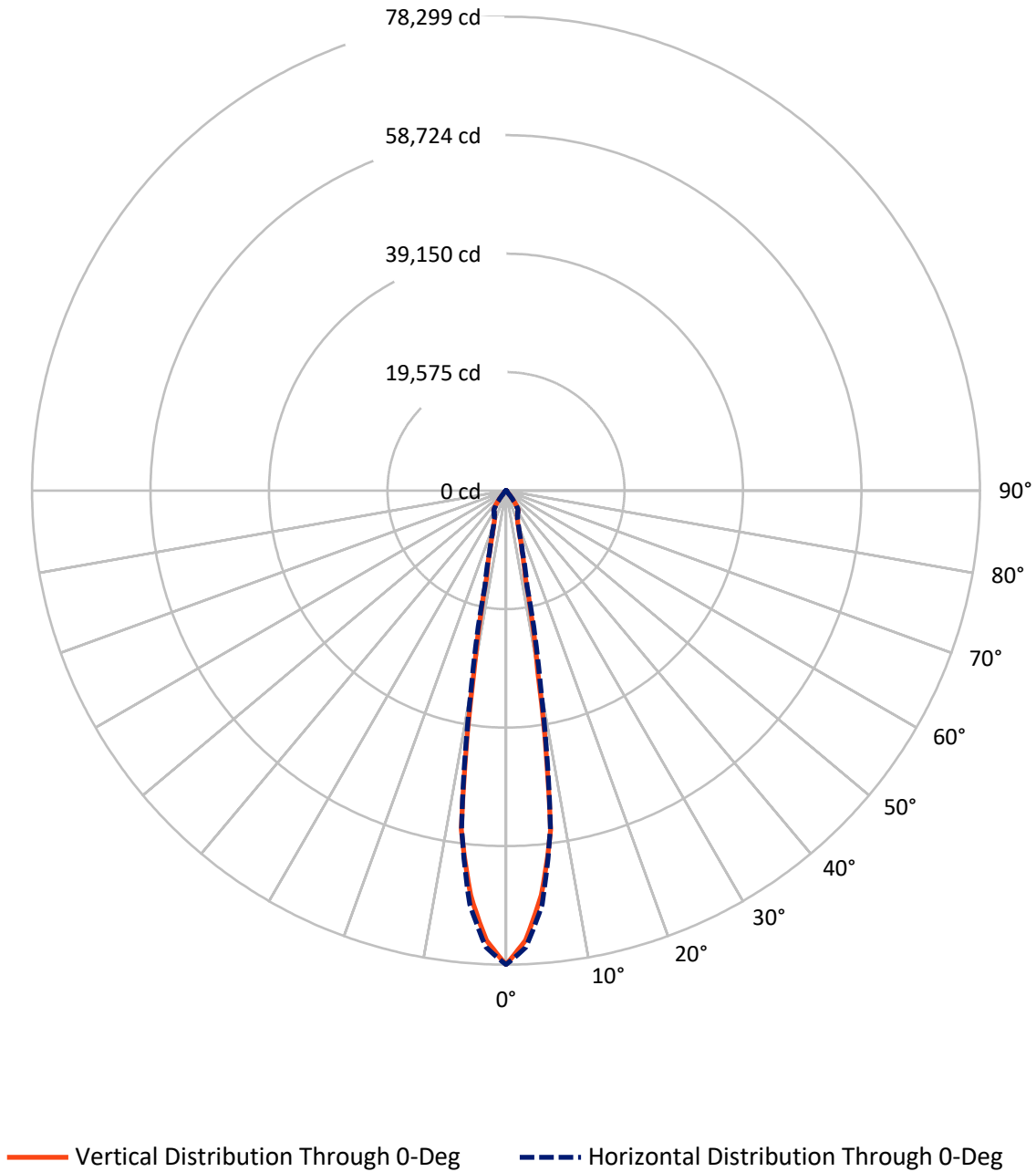
REPORT NUMBER: P722778 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_GREEN-ONLY

Lumen Table

90	0.1	0.4		0.8		1.1		1.2		1.1		0.8		0.4		0.1
80	0.1	0.4		0.8		1.1		1.2		1.1		0.8		0.4		0.1
70	0.2	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.3	0.2	0.1	0.2
60		0.2	0.3	0.5	0.8	1.1	1.6	2.4	2.4	1.6	1.1	0.8	0.5	0.3	0.2	
50	0.2	0.2	0.4	0.8	1.3	2.1	4.7	8.6	8.6	4.7	2.1	1.3	0.8	0.4	0.2	0.2
40		0.3	0.6	1.1	3.1	19.7	54.2	80.0	80.0	54.2	19.7	3.1	1.1	0.6	0.3	
30	0.3	0.3	0.8	1.8	16.3	77.8	117.7	135.3	135.3	117.7	77.8	16.3	1.8	0.8	0.3	0.3
20		0.3	1.1	3.5	45.9	110.4	168.0	315.1	315.1	168.0	110.4	45.9	3.5	1.1	0.3	
10	0.3	0.4	1.5	5.6	65.3	124.6	317.4	1491.9	1491.9	317.4	124.6	65.3	5.6	1.5	0.4	0.3
0		0.4	1.5	5.6	65.3	124.6	317.4	1491.9	1491.9	317.4	124.6	65.3	5.6	1.5	0.4	
-10	0.3	0.3	1.1	3.5	45.9	110.4	168.0	315.1	315.1	168.0	110.4	45.9	3.5	1.1	0.3	0.3
-20		0.3	0.8	1.8	16.3	77.8	117.7	135.3	135.3	117.7	77.8	16.3	1.8	0.8	0.3	
-30	0.2	0.3	0.6	1.1	3.1	19.7	54.2	80.0	80.0	54.2	19.7	3.1	1.1	0.6	0.3	0.2
-40		0.2	0.4	0.8	1.3	2.1	4.7	8.6	8.6	4.7	2.1	1.3	0.8	0.4	0.2	
-50	0.2	0.2	0.3	0.5	0.8	1.1	1.6	2.4	2.4	1.6	1.1	0.8	0.5	0.3	0.2	0.2
-60		0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.3	0.2	0.1	
-70	0.1	0.4		0.8		1.1		1.2		1.1		0.8		0.4		0.1
-80		0.4		0.8		1.1		1.2		1.1		0.8		0.4		
-90	0.1	0.4		0.8		1.1		1.2		1.1		0.8		0.4		0.1

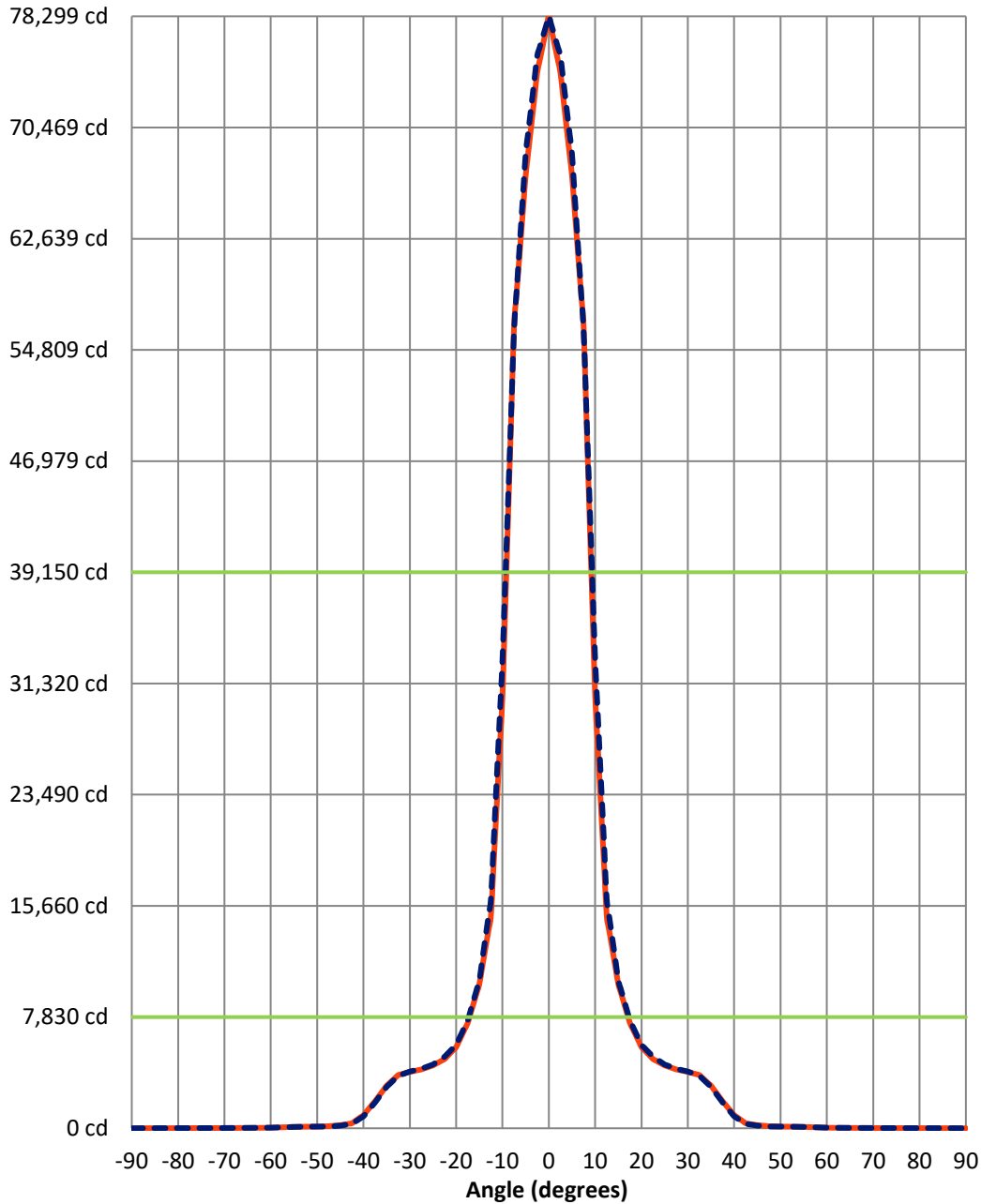
REPORT NUMBER: P722778 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_GREEN-ONLY

Luminous Intensity Polar Plot



REPORT NUMBER: P722778 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_GREEN-ONLY

Luminous Intensity Plot



Beam:
 H Angle: 18.7°
 V Angle: 18.3°
 Lumens: 4876.3
 Efficiency: 38.2%

Field:
 H Angle: 34.6°
 V Angle: 34.2°
 Lumens: 7988.7
 Efficiency: 62.6%

Spill:
 Lumens: 4780.5
 Efficiency: 37.4%

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



REPORT NUMBER: P722778 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_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	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
82.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.0	6.1	6.3
80°	0.0	1.0	2.1	3.1	4.1	5.2	6.0	6.2	6.4	6.5	6.7
77.5°	0.0	1.3	2.6	3.9	5.2	6.1	6.3	6.5	6.7	6.9	7.2
75°	0.0	1.6	3.1	4.6	6.0	6.3	6.5	6.8	7.1	7.5	8.0
72.5°	0.0	1.8	3.6	5.4	6.2	6.5	6.8	7.2	7.7	8.3	8.8
70°	0.0	2.1	4.1	6.0	6.4	6.7	7.1	7.7	8.4	9.0	9.3
67.5°	0.0	2.3	4.6	6.1	6.5	6.9	7.5	8.3	9.0	9.4	9.7
65°	0.0	2.5	5.1	6.3	6.7	7.2	8.0	8.8	9.3	9.7	10.2
62.5°	0.0	2.8	5.5	6.4	6.8	7.6	8.5	9.2	9.6	10.1	11.0
60°	0.0	3.0	6.0	6.5	7.0	8.0	8.9	9.5	9.9	10.8	11.8
57.5°	0.0	3.2	6.1	6.6	7.3	8.3	9.2	9.7	10.5	11.5	12.5
55°	0.0	3.4	6.1	6.7	7.6	8.7	9.4	10.0	11.1	12.1	13.2
52.5°	0.0	3.7	6.2	6.8	7.9	9.0	9.6	10.4	11.6	12.8	13.9
50°	0.0	3.9	6.3	6.9	8.1	9.2	9.8	10.9	12.2	13.4	14.9
47.5°	0.0	4.1	6.4	7.0	8.4	9.4	10.1	11.4	12.7	14.0	15.9
45°	0.0	4.2	6.4	7.2	8.6	9.5	10.4	11.8	13.2	14.8	16.9
42.5°	0.0	4.4	6.5	7.4	8.9	9.7	10.8	12.2	13.7	15.7	17.7
40°	0.0	4.6	6.5	7.6	9.1	9.8	11.1	12.7	14.2	16.5	18.6
37.5°	0.0	4.8	6.6	7.8	9.2	10.0	11.5	13.0	14.9	17.2	19.4
35°	0.0	4.9	6.6	7.9	9.3	10.2	11.8	13.4	15.5	17.9	20.3
32.5°	0.0	5.1	6.7	8.1	9.4	10.4	12.1	13.8	16.1	18.5	21.0
30°	0.0	5.2	6.7	8.2	9.5	10.6	12.4	14.1	16.7	19.0	21.7
27.5°	0.0	5.3	6.8	8.3	9.5	10.9	12.6	14.6	17.2	19.4	22.4
25°	0.0	5.4	6.8	8.4	9.6	11.1	12.9	15.0	17.5	19.9	23.0
22.5°	0.0	5.5	6.8	8.5	9.7	11.2	13.1	15.4	17.8	20.4	24.0
20°	0.0	5.6	6.9	8.6	9.8	11.4	13.3	15.7	18.1	20.9	24.8
17.5°	0.0	5.7	6.9	8.7	9.8	11.5	13.4	16.0	18.3	21.3	25.5
15°	0.0	5.8	6.9	8.8	9.9	11.7	13.6	16.3	18.5	21.7	26.2
12.5°	0.0	5.9	7.0	8.9	9.9	11.8	13.7	16.5	18.7	22.1	26.7
10°	0.0	5.9	7.0	8.9	9.9	11.8	13.8	16.7	19.0	22.4	27.2
7.5°	0.0	5.9	7.0	8.9	10.0	11.9	13.9	16.8	19.3	22.7	27.5
5°	0.0	6.0	7.0	9.0	10.0	12.0	14.0	16.9	19.6	22.9	27.8
2.5°	0.0	6.0	7.0	9.0	10.0	12.0	14.0	17.0	19.8	23.0	27.9
0°	0.0	6.0	7.0	9.0	10.0	12.0	14.0	17.0	20.0	23.0	28.0
-2.5°	0.0	6.0	7.0	9.0	10.0	12.0	14.0	17.0	19.8	23.0	27.9
-5°	0.0	6.0	7.0	9.0	10.0	12.0	14.0	16.9	19.6	22.9	27.8
-7.5°	0.0	5.9	7.0	8.9	10.0	11.9	13.9	16.8	19.3	22.7	27.5
-10°	0.0	5.9	7.0	8.9	9.9	11.8	13.8	16.7	19.0	22.4	27.2
-12.5°	0.0	5.9	7.0	8.9	9.9	11.8	13.7	16.5	18.7	22.1	26.7
-15°	0.0	5.8	6.9	8.8	9.9	11.7	13.6	16.3	18.5	21.7	26.2
-17.5°	0.0	5.7	6.9	8.7	9.8	11.5	13.4	16.0	18.3	21.3	25.5
-20°	0.0	5.6	6.9	8.6	9.8	11.4	13.3	15.7	18.1	20.9	24.8



REPORT NUMBER: P722778 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_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	5.5	6.8	8.5	9.7	11.2	13.1	15.4	17.8	20.4	24.0
-25°	0.0	5.4	6.8	8.4	9.6	11.1	12.9	15.0	17.5	19.9	23.0
-27.5°	0.0	5.3	6.8	8.3	9.5	10.9	12.6	14.6	17.2	19.4	22.4
-30°	0.0	5.2	6.7	8.2	9.5	10.6	12.4	14.1	16.7	19.0	21.7
-32.5°	0.0	5.1	6.7	8.1	9.4	10.4	12.1	13.8	16.1	18.5	21.0
-35°	0.0	4.9	6.6	7.9	9.3	10.2	11.8	13.4	15.5	17.9	20.3
-37.5°	0.0	4.8	6.6	7.8	9.2	10.0	11.5	13.0	14.9	17.2	19.4
-40°	0.0	4.6	6.5	7.6	9.1	9.8	11.1	12.7	14.2	16.5	18.6
-42.5°	0.0	4.4	6.5	7.4	8.9	9.7	10.8	12.2	13.7	15.7	17.7
-45°	0.0	4.2	6.4	7.2	8.6	9.5	10.4	11.8	13.2	14.8	16.9
-47.5°	0.0	4.1	6.4	7.0	8.4	9.4	10.1	11.4	12.7	14.0	15.9
-50°	0.0	3.9	6.3	6.9	8.1	9.2	9.8	10.9	12.2	13.4	14.9
-52.5°	0.0	3.7	6.2	6.8	7.9	9.0	9.6	10.4	11.6	12.8	13.9
-55°	0.0	3.4	6.1	6.7	7.6	8.7	9.4	10.0	11.1	12.1	13.2
-57.5°	0.0	3.2	6.1	6.6	7.3	8.3	9.2	9.7	10.5	11.5	12.5
-60°	0.0	3.0	6.0	6.5	7.0	8.0	8.9	9.5	9.9	10.8	11.8
-62.5°	0.0	2.8	5.5	6.4	6.8	7.6	8.5	9.2	9.6	10.1	11.0
-65°	0.0	2.5	5.1	6.3	6.7	7.2	8.0	8.8	9.3	9.7	10.2
-67.5°	0.0	2.3	4.6	6.1	6.5	6.9	7.5	8.3	9.0	9.4	9.7
-70°	0.0	2.1	4.1	6.0	6.4	6.7	7.1	7.7	8.4	9.0	9.3
-72.5°	0.0	1.8	3.6	5.4	6.2	6.5	6.8	7.2	7.7	8.3	8.8
-75°	0.0	1.6	3.1	4.6	6.0	6.3	6.5	6.8	7.1	7.5	8.0
-77.5°	0.0	1.3	2.6	3.9	5.2	6.1	6.3	6.5	6.7	6.9	7.2
-80°	0.0	1.0	2.1	3.1	4.1	5.2	6.0	6.2	6.4	6.5	6.7
-82.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.0	6.1	6.3
-85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
-87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
-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: P722778 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_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°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.2	4.4	4.6	4.8
85°	5.5	6.0	6.1	6.1	6.2	6.3	6.4	6.4	6.5	6.5	6.6
82.5°	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.2	7.4	7.6	7.8
80°	6.8	7.0	7.3	7.6	7.9	8.1	8.4	8.6	8.9	9.1	9.2
77.5°	7.6	8.0	8.3	8.7	9.0	9.2	9.4	9.5	9.7	9.8	10.0
75°	8.5	8.9	9.2	9.4	9.6	9.8	10.1	10.4	10.8	11.1	11.5
72.5°	9.2	9.5	9.7	10.0	10.4	10.9	11.4	11.8	12.2	12.7	13.0
70°	9.6	9.9	10.5	11.1	11.6	12.2	12.7	13.2	13.7	14.2	14.6
67.5°	10.1	10.8	11.5	12.1	12.8	13.4	14.0	14.6	15.1	15.6	16.2
65°	11.0	11.8	12.5	13.2	13.9	14.6	15.3	15.9	16.8	17.7	18.5
62.5°	11.8	12.7	13.5	14.3	15.1	15.8	16.8	17.9	18.9	19.8	20.5
60°	12.7	13.6	14.6	15.6	16.4	17.5	18.7	19.8	21.0	22.0	23.5
57.5°	13.5	14.7	15.9	16.9	18.0	19.2	20.5	21.8	23.7	25.6	27.5
55°	14.4	16.0	17.1	18.2	19.5	21.0	22.6	24.9	27.0	29.1	31.1
52.5°	15.6	17.2	18.2	19.5	21.1	23.1	25.6	28.0	30.3	32.5	34.2
50°	16.7	18.1	19.2	21.0	23.1	25.8	28.5	31.1	33.3	35.2	37.1
47.5°	17.6	19.0	20.5	22.6	25.6	28.6	31.4	33.7	35.8	38.2	40.1
45°	18.5	20.1	21.9	24.9	28.1	31.4	33.9	36.0	39.1	42.0	46.2
42.5°	19.5	21.3	23.8	27.0	30.8	33.8	36.1	39.5	43.1	47.6	52.0
40°	20.5	22.5	25.9	29.6	33.3	35.9	39.3	43.2	48.0	53.0	57.8
37.5°	21.5	24.3	27.9	32.0	35.2	38.4	42.4	48.0	53.3	58.5	63.1
35°	22.5	26.0	29.9	34.0	37.1	41.2	46.9	53.1	58.9	63.7	68.9
32.5°	23.8	27.7	31.8	35.8	40.0	44.8	51.6	58.3	64.1	69.2	75.0
30°	25.1	29.2	33.5	37.7	43.3	50.2	56.7	63.3	69.1	76.1	105.1
27.5°	26.4	30.7	35.2	40.5	47.2	56.1	63.1	68.2	75.3	90.9	146.0
25°	27.5	31.9	36.9	43.7	52.5	62.1	69.7	74.8	82.2	127.1	226.8
22.5°	28.5	33.0	38.8	47.0	58.1	68.3	75.8	81.4	98.8	161.9	305.5
20°	29.4	34.5	41.5	51.9	64.1	74.6	81.8	86.7	123.8	227.7	470.1
17.5°	30.3	36.0	45.1	58.3	72.2	81.8	87.6	90.6	143.6	290.3	676.4
15°	31.0	37.4	48.9	65.1	80.3	89.8	93.9	106.3	179.2	381.0	873.3
12.5°	31.6	38.8	52.9	72.0	88.3	97.6	100.6	124.9	225.7	530.5	1199.9
10°	32.1	40.0	56.8	79.0	96.3	104.9	107.2	141.2	260.7	641.2	1448.1
7.5°	32.5	41.0	60.6	85.8	104.0	112.0	113.7	155.1	283.7	721.9	1624.8
5°	32.8	41.5	63.2	89.6	108.2	116.7	119.0	166.5	295.9	773.1	1740.5
2.5°	32.9	41.9	65.4	92.2	109.9	118.0	120.0	177.2	305.3	814.0	1804.7
0°	33.0	42.0	67.0	94.0	111.0	119.0	121.0	186.0	309.0	837.0	1817.0
-2.5°	32.9	41.9	65.4	92.2	109.9	118.0	120.0	177.2	305.3	814.0	1804.7
-5°	32.8	41.5	63.2	89.6	108.2	116.7	119.0	166.5	295.9	773.1	1740.5
-7.5°	32.5	41.0	60.6	85.8	104.0	112.0	113.7	155.1	283.7	721.9	1624.8
-10°	32.1	40.0	56.8	79.0	96.3	104.9	107.2	141.2	260.7	641.2	1448.1
-12.5°	31.6	38.8	52.9	72.0	88.3	97.6	100.6	124.9	225.7	530.5	1199.9
-15°	31.0	37.4	48.9	65.1	80.3	89.8	93.9	106.3	179.2	381.0	873.3
-17.5°	30.3	36.0	45.1	58.3	72.2	81.8	87.6	90.6	143.6	290.3	676.4
-20°	29.4	34.5	41.5	51.9	64.1	74.6	81.8	86.7	123.8	227.7	470.1



REPORT NUMBER: P722778 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_GREEN-ONLY

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	28.5	33.0	38.8	47.0	58.1	68.3	75.8	81.4	98.8	161.9	305.5
-25°	27.5	31.9	36.9	43.7	52.5	62.1	69.7	74.8	82.2	127.1	226.8
-27.5°	26.4	30.7	35.2	40.5	47.2	56.1	63.1	68.2	75.3	90.9	146.0
-30°	25.1	29.2	33.5	37.7	43.3	50.2	56.7	63.3	69.1	76.1	105.1
-32.5°	23.8	27.7	31.8	35.8	40.0	44.8	51.6	58.3	64.1	69.2	75.0
-35°	22.5	26.0	29.9	34.0	37.1	41.2	46.9	53.1	58.9	63.7	68.9
-37.5°	21.5	24.3	27.9	32.0	35.2	38.4	42.4	48.0	53.3	58.5	63.1
-40°	20.5	22.5	25.9	29.6	33.3	35.9	39.3	43.2	48.0	53.0	57.8
-42.5°	19.5	21.3	23.8	27.0	30.8	33.8	36.1	39.5	43.1	47.6	52.0
-45°	18.5	20.1	21.9	24.9	28.1	31.4	33.9	36.0	39.1	42.0	46.2
-47.5°	17.6	19.0	20.5	22.6	25.6	28.6	31.4	33.7	35.8	38.2	40.1
-50°	16.7	18.1	19.2	21.0	23.1	25.8	28.5	31.1	33.3	35.2	37.1
-52.5°	15.6	17.2	18.2	19.5	21.1	23.1	25.6	28.0	30.3	32.5	34.2
-55°	14.4	16.0	17.1	18.2	19.5	21.0	22.6	24.9	27.0	29.1	31.1
-57.5°	13.5	14.7	15.9	16.9	18.0	19.2	20.5	21.8	23.7	25.6	27.5
-60°	12.7	13.6	14.6	15.6	16.4	17.5	18.7	19.8	21.0	22.0	23.5
-62.5°	11.8	12.7	13.5	14.3	15.1	15.8	16.8	17.9	18.9	19.8	20.5
-65°	11.0	11.8	12.5	13.2	13.9	14.6	15.3	15.9	16.8	17.7	18.5
-67.5°	10.1	10.8	11.5	12.1	12.8	13.4	14.0	14.6	15.1	15.6	16.2
-70°	9.6	9.9	10.5	11.1	11.6	12.2	12.7	13.2	13.7	14.2	14.6
-72.5°	9.2	9.5	9.7	10.0	10.4	10.9	11.4	11.8	12.2	12.7	13.0
-75°	8.5	8.9	9.2	9.4	9.6	9.8	10.1	10.4	10.8	11.1	11.5
-77.5°	7.6	8.0	8.3	8.7	9.0	9.2	9.4	9.5	9.7	9.8	10.0
-80°	6.8	7.0	7.3	7.6	7.9	8.1	8.4	8.6	8.9	9.1	9.2
-82.5°	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.2	7.4	7.6	7.8
-85°	5.5	6.0	6.1	6.1	6.2	6.3	6.4	6.4	6.5	6.5	6.6
-87.5°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.2	4.4	4.6	4.8
-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: P722778 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_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°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.9
85°	6.6	6.7	6.7	6.8	6.8	6.8	6.9	6.9	6.9	7.0	7.0
82.5°	7.9	8.1	8.2	8.3	8.4	8.4	8.2	8.1	7.9	7.9	8.0
80°	9.3	9.4	9.5	9.5	9.6	9.6	9.6	9.7	9.7	9.8	9.9
77.5°	10.2	10.4	10.6	10.9	11.1	11.2	11.4	11.5	11.7	11.8	11.8
75°	11.8	12.1	12.4	12.6	12.9	13.1	13.3	13.4	13.6	13.7	13.8
72.5°	13.4	13.8	14.1	14.4	14.7	14.9	15.1	15.3	15.5	15.7	15.8
70°	15.0	15.4	15.8	16.2	16.7	17.1	17.5	17.8	18.1	18.4	18.6
67.5°	16.9	17.6	18.2	18.8	19.2	19.6	19.9	20.1	20.4	20.6	20.7
65°	19.2	19.7	20.2	20.6	21.1	22.1	23.0	23.8	24.3	24.7	25.2
62.5°	21.1	22.1	23.6	25.0	26.4	27.5	28.2	29.0	29.6	30.3	30.9
60°	25.2	26.9	28.3	29.7	30.9	32.0	32.9	33.8	34.6	35.6	36.8
57.5°	29.2	30.9	32.4	33.5	34.6	35.6	36.9	38.8	41.1	43.9	49.7
55°	32.8	34.3	35.7	37.2	38.6	40.0	42.1	46.5	51.5	56.8	66.9
52.5°	35.9	37.7	39.6	41.6	44.3	47.0	50.1	56.6	63.3	70.3	81.0
50°	39.0	41.6	45.1	48.3	51.7	55.2	58.6	65.6	72.9	80.0	89.8
47.5°	44.0	48.1	51.8	55.5	59.4	63.0	66.5	72.5	79.6	85.9	95.4
45°	50.3	54.3	58.4	62.2	66.0	70.4	74.4	78.9	103.0	130.0	156.8
42.5°	56.1	60.2	64.4	69.4	73.8	92.3	122.1	143.5	194.8	257.1	313.9
40°	61.9	66.3	72.8	89.5	134.7	174.0	247.7	296.6	390.6	557.0	700.0
37.5°	68.3	75.3	117.8	172.2	276.0	373.1	527.4	700.5	872.1	1201.5	1486.5
35°	75.8	126.6	212.2	360.7	533.6	778.5	1055.5	1444.8	1790.6	2158.6	2470.2
32.5°	117.5	205.6	388.7	674.2	963.5	1447.7	1910.1	2348.1	2742.3	3072.8	3320.4
30°	168.9	340.5	662.2	1090.9	1716.2	2255.2	2763.5	3162.6	3487.0	3745.8	3827.7
27.5°	280.3	561.5	1011.1	1758.5	2440.1	3008.3	3394.0	3718.0	3853.0	3962.2	4027.1
25°	434.7	838.9	1604.2	2367.0	3042.8	3504.8	3779.3	3935.9	4034.4	4125.0	4210.1
22.5°	681.1	1341.2	2158.7	2932.9	3478.0	3796.8	3976.5	4089.3	4211.8	4351.1	4490.3
20°	968.0	1817.9	2691.5	3342.2	3760.2	3976.1	4108.0	4268.1	4468.3	4689.0	4954.4
17.5°	1389.8	2279.8	3117.6	3687.2	3937.5	4089.7	4264.2	4511.5	4825.4	5266.5	5693.9
15°	1795.4	2737.5	3446.4	3838.6	4037.6	4213.4	4462.4	4834.4	5375.6	6070.5	7060.9
12.5°	2166.2	3069.8	3696.0	3971.0	4133.9	4357.8	4708.3	5258.5	6080.9	7389.9	8996.7
10°	2455.1	3294.4	3799.4	4035.5	4231.7	4514.7	4995.1	5751.5	7112.9	9045.3	11550.6
7.5°	2650.0	3459.3	3880.3	4095.5	4310.8	4684.5	5297.2	6380.8	8335.8	10961.9	15531.9
5°	2788.6	3586.1	3937.8	4139.6	4394.7	4824.8	5577.7	6936.3	9257.2	12988.4	22948.6
2.5°	2876.0	3667.2	3973.9	4171.3	4453.9	4937.7	5783.2	7389.6	10092.5	14845.9	30633.7
0°	2913.0	3690.1	3996.1	4188.1	4492.1	5040.1	5874.1	7594.1	10410.1	16135.7	33012.5
-2.5°	2876.0	3667.2	3973.9	4171.3	4453.9	4937.7	5783.2	7389.6	10092.5	14845.9	30633.7
-5°	2788.6	3586.1	3937.8	4139.6	4394.7	4824.8	5577.7	6936.3	9257.2	12988.4	22948.6
-7.5°	2650.0	3459.3	3880.3	4095.5	4310.8	4684.5	5297.2	6380.8	8335.8	10961.9	15531.9
-10°	2455.1	3294.4	3799.4	4035.5	4231.7	4514.7	4995.1	5751.5	7112.9	9045.3	11550.6
-12.5°	2166.2	3069.8	3696.0	3971.0	4133.9	4357.8	4708.3	5258.5	6080.9	7389.9	8996.7
-15°	1795.4	2737.5	3446.4	3838.6	4037.6	4213.4	4462.4	4834.4	5375.6	6070.5	7060.9
-17.5°	1389.8	2279.8	3117.6	3687.2	3937.5	4089.7	4264.2	4511.5	4825.4	5266.5	5693.9
-20°	968.0	1817.9	2691.5	3342.2	3760.2	3976.1	4108.0	4268.1	4468.3	4689.0	4954.4



REPORT NUMBER: P722778 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_GREEN-ONLY

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	681.1	1341.2	2158.7	2932.9	3478.0	3796.8	3976.5	4089.3	4211.8	4351.1	4490.3
-25°	434.7	838.9	1604.2	2367.0	3042.8	3504.8	3779.3	3935.9	4034.4	4125.0	4210.1
-27.5°	280.3	561.5	1011.1	1758.5	2440.1	3008.3	3394.0	3718.0	3853.0	3962.2	4027.1
-30°	168.9	340.5	662.2	1090.9	1716.2	2255.2	2763.5	3162.6	3487.0	3745.8	3827.7
-32.5°	117.5	205.6	388.7	674.2	963.5	1447.7	1910.1	2348.1	2742.3	3072.8	3320.4
-35°	75.8	126.6	212.2	360.7	533.6	778.5	1055.5	1444.8	1790.6	2158.6	2470.2
-37.5°	68.3	75.3	117.8	172.2	276.0	373.1	527.4	700.5	872.1	1201.5	1486.5
-40°	61.9	66.3	72.8	89.5	134.7	174.0	247.7	296.6	390.6	557.0	700.0
-42.5°	56.1	60.2	64.4	69.4	73.8	92.3	122.1	143.5	194.8	257.1	313.9
-45°	50.3	54.3	58.4	62.2	66.0	70.4	74.4	78.9	103.0	130.0	156.8
-47.5°	44.0	48.1	51.8	55.5	59.4	63.0	66.5	72.5	79.6	85.9	95.4
-50°	39.0	41.6	45.1	48.3	51.7	55.2	58.6	65.6	72.9	80.0	89.8
-52.5°	35.9	37.7	39.6	41.6	44.3	47.0	50.1	56.6	63.3	70.3	81.0
-55°	32.8	34.3	35.7	37.2	38.6	40.0	42.1	46.5	51.5	56.8	66.9
-57.5°	29.2	30.9	32.4	33.5	34.6	35.6	36.9	38.8	41.1	43.9	49.7
-60°	25.2	26.9	28.3	29.7	30.9	32.0	32.9	33.8	34.6	35.6	36.8
-62.5°	21.1	22.1	23.6	25.0	26.4	27.5	28.2	29.0	29.6	30.3	30.9
-65°	19.2	19.7	20.2	20.6	21.1	22.1	23.0	23.8	24.3	24.7	25.2
-67.5°	16.9	17.6	18.2	18.8	19.2	19.6	19.9	20.1	20.4	20.6	20.7
-70°	15.0	15.4	15.8	16.2	16.7	17.1	17.5	17.8	18.1	18.4	18.6
-72.5°	13.4	13.8	14.1	14.4	14.7	14.9	15.1	15.3	15.5	15.7	15.8
-75°	11.8	12.1	12.4	12.6	12.9	13.1	13.3	13.4	13.6	13.7	13.8
-77.5°	10.2	10.4	10.6	10.9	11.1	11.2	11.4	11.5	11.7	11.8	11.8
-80°	9.3	9.4	9.5	9.5	9.6	9.6	9.6	9.7	9.7	9.8	9.9
-82.5°	7.9	8.1	8.2	8.3	8.4	8.4	8.2	8.1	7.9	7.9	8.0
-85°	6.6	6.7	6.7	6.8	6.8	6.8	6.9	6.9	6.9	7.0	7.0
-87.5°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.9
-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: P722778 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_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°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.7
85°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.9
82.5°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.9	8.1
80°	9.9	10.0	10.0	10.0	10.0	10.0	9.9	9.9	9.8	9.7	9.7
77.5°	11.9	12.0	12.0	12.0	12.0	12.0	11.9	11.8	11.8	11.7	11.5
75°	13.9	14.0	14.0	14.0	14.0	14.0	13.9	13.8	13.7	13.6	13.4
72.5°	15.9	15.9	16.0	16.0	16.0	15.9	15.9	15.8	15.7	15.5	15.3
70°	18.8	18.9	18.5	18.0	18.5	18.9	18.8	18.6	18.4	18.1	17.8
67.5°	20.8	20.9	21.4	22.0	21.4	20.9	20.8	20.7	20.6	20.4	20.1
65°	25.5	25.8	26.0	26.0	26.0	25.8	25.5	25.2	24.7	24.3	23.8
62.5°	31.4	31.7	31.9	32.0	31.9	31.7	31.4	30.9	30.3	29.6	29.0
60°	38.1	39.4	39.9	40.0	39.9	39.4	38.1	36.8	35.6	34.6	33.8
57.5°	56.2	62.9	67.2	70.0	67.2	62.9	56.2	49.7	43.9	41.1	38.8
55°	77.5	88.1	94.1	97.0	94.1	88.1	77.5	66.9	56.8	51.5	46.5
52.5°	92.6	103.8	109.8	112.0	109.8	103.8	92.6	81.0	70.3	63.3	56.6
50°	100.9	111.7	117.9	120.0	117.9	111.7	100.9	89.8	80.0	72.9	65.6
47.5°	109.6	124.5	137.4	148.0	137.4	124.5	109.6	95.4	85.9	79.6	72.5
45°	180.5	199.0	212.0	220.0	212.0	199.0	180.5	156.8	130.0	103.0	78.9
42.5°	341.5	355.4	357.3	349.0	357.3	355.4	341.5	313.9	257.1	194.8	143.5
40°	792.2	857.1	900.0	926.0	900.0	857.1	792.2	700.0	557.0	390.6	296.6
37.5°	1692.9	1829.3	1902.3	1900.0	1902.3	1829.3	1692.9	1486.5	1201.5	872.1	700.5
35°	2699.8	2848.1	2939.4	2997.0	2939.4	2848.1	2699.8	2470.2	2158.6	1790.6	1444.8
32.5°	3504.3	3625.2	3699.9	3747.1	3699.9	3625.2	3504.3	3320.4	3072.8	2742.3	2348.1
30°	3894.8	3938.0	3963.7	3970.1	3963.7	3938.0	3894.8	3827.7	3745.8	3487.0	3162.6
27.5°	4085.7	4119.1	4136.8	4144.6	4136.8	4119.1	4085.7	4027.1	3962.2	3853.0	3718.0
25°	4299.3	4361.7	4395.2	4425.1	4395.2	4361.7	4299.3	4210.1	4125.0	4034.4	3935.9
22.5°	4634.4	4752.3	4858.4	4872.1	4858.4	4752.3	4634.4	4490.3	4351.1	4211.8	4089.3
20°	5235.8	5487.2	5645.7	5713.1	5645.7	5487.2	5235.8	4954.4	4689.0	4468.3	4268.1
17.5°	6288.6	6835.9	7226.2	7418.1	7226.2	6835.9	6288.6	5693.9	5266.5	4825.4	4511.5
15°	8134.1	9163.9	9946.6	10144.1	9946.6	9163.9	8134.1	7060.9	6070.5	5375.6	4834.4
12.5°	10897.5	12750.8	14189.0	14932.7	14189.0	12750.8	10897.5	8996.7	7389.9	6080.9	5258.5
10°	15333.0	21609.6	27789.8	30420.4	27789.8	21609.6	15333.0	11550.6	9045.3	7112.9	5751.5
7.5°	26770.8	42928.2	53534.5	56520.8	53534.5	42928.2	26770.8	15531.9	10961.9	8335.8	6380.8
5°	42173.0	59765.6	65487.8	67087.0	65487.8	59765.6	42173.0	22948.6	12988.4	9257.2	6936.3
2.5°	53091.3	66355.9	72275.7	74347.1	72275.7	66355.9	53091.3	30633.7	14845.9	10092.5	7389.6
0°	56215.8	68613.0	75527.1	78299.1	75527.1	68613.0	56215.8	33012.5	16135.7	10410.1	7594.1
-2.5°	53091.3	66355.9	72275.7	74347.1	72275.7	66355.9	53091.3	30633.7	14845.9	10092.5	7389.6
-5°	42173.0	59765.6	65487.8	67087.0	65487.8	59765.6	42173.0	22948.6	12988.4	9257.2	6936.3
-7.5°	26770.8	42928.2	53534.5	56520.8	53534.5	42928.2	26770.8	15531.9	10961.9	8335.8	6380.8
-10°	15333.0	21609.6	27789.8	30420.4	27789.8	21609.6	15333.0	11550.6	9045.3	7112.9	5751.5
-12.5°	10897.5	12750.8	14189.0	14932.7	14189.0	12750.8	10897.5	8996.7	7389.9	6080.9	5258.5
-15°	8134.1	9163.9	9946.6	10144.1	9946.6	9163.9	8134.1	7060.9	6070.5	5375.6	4834.4
-17.5°	6288.6	6835.9	7226.2	7418.1	7226.2	6835.9	6288.6	5693.9	5266.5	4825.4	4511.5
-20°	5235.8	5487.2	5645.7	5713.1	5645.7	5487.2	5235.8	4954.4	4689.0	4468.3	4268.1



REPORT NUMBER: P722778 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_GREEN-ONLY

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4634.4	4752.3	4858.4	4872.1	4858.4	4752.3	4634.4	4490.3	4351.1	4211.8	4089.3
-25°	4299.3	4361.7	4395.2	4425.1	4395.2	4361.7	4299.3	4210.1	4125.0	4034.4	3935.9
-27.5°	4085.7	4119.1	4136.8	4144.6	4136.8	4119.1	4085.7	4027.1	3962.2	3853.0	3718.0
-30°	3894.8	3938.0	3963.7	3970.1	3963.7	3938.0	3894.8	3827.7	3745.8	3487.0	3162.6
-32.5°	3504.3	3625.2	3699.9	3747.1	3699.9	3625.2	3504.3	3320.4	3072.8	2742.3	2348.1
-35°	2699.8	2848.1	2939.4	2997.0	2939.4	2848.1	2699.8	2470.2	2158.6	1790.6	1444.8
-37.5°	1692.9	1829.3	1902.3	1900.0	1902.3	1829.3	1692.9	1486.5	1201.5	872.1	700.5
-40°	792.2	857.1	900.0	926.0	900.0	857.1	792.2	700.0	557.0	390.6	296.6
-42.5°	341.5	355.4	357.3	349.0	357.3	355.4	341.5	313.9	257.1	194.8	143.5
-45°	180.5	199.0	212.0	220.0	212.0	199.0	180.5	156.8	130.0	103.0	78.9
-47.5°	109.6	124.5	137.4	148.0	137.4	124.5	109.6	95.4	85.9	79.6	72.5
-50°	100.9	111.7	117.9	120.0	117.9	111.7	100.9	89.8	80.0	72.9	65.6
-52.5°	92.6	103.8	109.8	112.0	109.8	103.8	92.6	81.0	70.3	63.3	56.6
-55°	77.5	88.1	94.1	97.0	94.1	88.1	77.5	66.9	56.8	51.5	46.5
-57.5°	56.2	62.9	67.2	70.0	67.2	62.9	56.2	49.7	43.9	41.1	38.8
-60°	38.1	39.4	39.9	40.0	39.9	39.4	38.1	36.8	35.6	34.6	33.8
-62.5°	31.4	31.7	31.9	32.0	31.9	31.7	31.4	30.9	30.3	29.6	29.0
-65°	25.5	25.8	26.0	26.0	26.0	25.8	25.5	25.2	24.7	24.3	23.8
-67.5°	20.8	20.9	21.4	22.0	21.4	20.9	20.8	20.7	20.6	20.4	20.1
-70°	18.8	18.9	18.5	18.0	18.5	18.9	18.8	18.6	18.4	18.1	17.8
-72.5°	15.9	15.9	16.0	16.0	16.0	15.9	15.9	15.8	15.7	15.5	15.3
-75°	13.9	14.0	14.0	14.0	14.0	14.0	13.9	13.8	13.7	13.6	13.4
-77.5°	11.9	12.0	12.0	12.0	12.0	12.0	11.9	11.8	11.8	11.7	11.5
-80°	9.9	10.0	10.0	10.0	10.0	10.0	9.9	9.9	9.8	9.7	9.7
-82.5°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.9	8.1
-85°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.9
-87.5°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.7
-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: P722778 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_GREEN-ONLY

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°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.2
85°	6.9	6.8	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.4
82.5°	8.2	8.4	8.4	8.3	8.2	8.1	7.9	7.8	7.6	7.4	7.2
80°	9.6	9.6	9.6	9.5	9.5	9.4	9.3	9.2	9.1	8.9	8.6
77.5°	11.4	11.2	11.1	10.9	10.6	10.4	10.2	10.0	9.8	9.7	9.5
75°	13.3	13.1	12.9	12.6	12.4	12.1	11.8	11.5	11.1	10.8	10.4
72.5°	15.1	14.9	14.7	14.4	14.1	13.8	13.4	13.0	12.7	12.2	11.8
70°	17.5	17.1	16.7	16.2	15.8	15.4	15.0	14.6	14.2	13.7	13.2
67.5°	19.9	19.6	19.2	18.8	18.2	17.6	16.9	16.2	15.6	15.1	14.6
65°	23.0	22.1	21.1	20.6	20.2	19.7	19.2	18.5	17.7	16.8	15.9
62.5°	28.2	27.5	26.4	25.0	23.6	22.1	21.1	20.5	19.8	18.9	17.9
60°	32.9	32.0	30.9	29.7	28.3	26.9	25.2	23.5	22.0	21.0	19.8
57.5°	36.9	35.6	34.6	33.5	32.4	30.9	29.2	27.5	25.6	23.7	21.8
55°	42.1	40.0	38.6	37.2	35.7	34.3	32.8	31.1	29.1	27.0	24.9
52.5°	50.1	47.0	44.3	41.6	39.6	37.7	35.9	34.2	32.5	30.3	28.0
50°	58.6	55.2	51.7	48.3	45.1	41.6	39.0	37.1	35.2	33.3	31.1
47.5°	66.5	63.0	59.4	55.5	51.8	48.1	44.0	40.1	38.2	35.8	33.7
45°	74.4	70.4	66.0	62.2	58.4	54.3	50.3	46.2	42.0	39.1	36.0
42.5°	122.1	92.3	73.8	69.4	64.4	60.2	56.1	52.0	47.6	43.1	39.5
40°	247.7	174.0	134.7	89.5	72.8	66.3	61.9	57.8	53.0	48.0	43.2
37.5°	527.4	373.1	276.0	172.2	117.8	75.3	68.3	63.1	58.5	53.3	48.0
35°	1055.5	778.5	533.6	360.7	212.2	126.6	75.8	68.9	63.7	58.9	53.1
32.5°	1910.1	1447.7	963.5	674.2	388.7	205.6	117.5	75.0	69.2	64.1	58.3
30°	2763.5	2255.2	1716.2	1090.9	662.2	340.5	168.9	105.1	76.1	69.1	63.3
27.5°	3394.0	3008.3	2440.1	1758.5	1011.1	561.5	280.3	146.0	90.9	75.3	68.2
25°	3779.3	3504.8	3042.8	2367.0	1604.2	838.9	434.7	226.8	127.1	82.2	74.8
22.5°	3976.5	3796.8	3478.0	2932.9	2158.7	1341.2	681.1	305.5	161.9	98.8	81.4
20°	4108.0	3976.1	3760.2	3342.2	2691.5	1817.9	968.0	470.1	227.7	123.8	86.7
17.5°	4264.2	4089.7	3937.5	3687.2	3117.6	2279.8	1389.8	676.4	290.3	143.6	90.6
15°	4462.4	4213.4	4037.6	3838.6	3446.4	2737.5	1795.4	873.3	381.0	179.2	106.3
12.5°	4708.3	4357.8	4133.9	3971.0	3696.0	3069.8	2166.2	1199.9	530.5	225.7	124.9
10°	4995.1	4514.7	4231.7	4035.5	3799.4	3294.4	2455.1	1448.1	641.2	260.7	141.2
7.5°	5297.2	4684.5	4310.8	4095.5	3880.3	3459.3	2650.0	1624.8	721.9	283.7	155.1
5°	5577.7	4824.8	4394.7	4139.6	3937.8	3586.1	2788.6	1740.5	773.1	295.9	166.5
2.5°	5783.2	4937.7	4453.9	4171.3	3973.9	3667.2	2876.0	1804.7	814.0	305.3	177.2
0°	5874.1	5040.1	4492.1	4188.1	3996.1	3690.1	2913.0	1817.0	837.0	309.0	186.0
-2.5°	5783.2	4937.7	4453.9	4171.3	3973.9	3667.2	2876.0	1804.7	814.0	305.3	177.2
-5°	5577.7	4824.8	4394.7	4139.6	3937.8	3586.1	2788.6	1740.5	773.1	295.9	166.5
-7.5°	5297.2	4684.5	4310.8	4095.5	3880.3	3459.3	2650.0	1624.8	721.9	283.7	155.1
-10°	4995.1	4514.7	4231.7	4035.5	3799.4	3294.4	2455.1	1448.1	641.2	260.7	141.2
-12.5°	4708.3	4357.8	4133.9	3971.0	3696.0	3069.8	2166.2	1199.9	530.5	225.7	124.9
-15°	4462.4	4213.4	4037.6	3838.6	3446.4	2737.5	1795.4	873.3	381.0	179.2	106.3
-17.5°	4264.2	4089.7	3937.5	3687.2	3117.6	2279.8	1389.8	676.4	290.3	143.6	90.6
-20°	4108.0	3976.1	3760.2	3342.2	2691.5	1817.9	968.0	470.1	227.7	123.8	86.7



REPORT NUMBER: P722778 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3976.5	3796.8	3478.0	2932.9	2158.7	1341.2	681.1	305.5	161.9	98.8	81.4
-25°	3779.3	3504.8	3042.8	2367.0	1604.2	838.9	434.7	226.8	127.1	82.2	74.8
-27.5°	3394.0	3008.3	2440.1	1758.5	1011.1	561.5	280.3	146.0	90.9	75.3	68.2
-30°	2763.5	2255.2	1716.2	1090.9	662.2	340.5	168.9	105.1	76.1	69.1	63.3
-32.5°	1910.1	1447.7	963.5	674.2	388.7	205.6	117.5	75.0	69.2	64.1	58.3
-35°	1055.5	778.5	533.6	360.7	212.2	126.6	75.8	68.9	63.7	58.9	53.1
-37.5°	527.4	373.1	276.0	172.2	117.8	75.3	68.3	63.1	58.5	53.3	48.0
-40°	247.7	174.0	134.7	89.5	72.8	66.3	61.9	57.8	53.0	48.0	43.2
-42.5°	122.1	92.3	73.8	69.4	64.4	60.2	56.1	52.0	47.6	43.1	39.5
-45°	74.4	70.4	66.0	62.2	58.4	54.3	50.3	46.2	42.0	39.1	36.0
-47.5°	66.5	63.0	59.4	55.5	51.8	48.1	44.0	40.1	38.2	35.8	33.7
-50°	58.6	55.2	51.7	48.3	45.1	41.6	39.0	37.1	35.2	33.3	31.1
-52.5°	50.1	47.0	44.3	41.6	39.6	37.7	35.9	34.2	32.5	30.3	28.0
-55°	42.1	40.0	38.6	37.2	35.7	34.3	32.8	31.1	29.1	27.0	24.9
-57.5°	36.9	35.6	34.6	33.5	32.4	30.9	29.2	27.5	25.6	23.7	21.8
-60°	32.9	32.0	30.9	29.7	28.3	26.9	25.2	23.5	22.0	21.0	19.8
-62.5°	28.2	27.5	26.4	25.0	23.6	22.1	21.1	20.5	19.8	18.9	17.9
-65°	23.0	22.1	21.1	20.6	20.2	19.7	19.2	18.5	17.7	16.8	15.9
-67.5°	19.9	19.6	19.2	18.8	18.2	17.6	16.9	16.2	15.6	15.1	14.6
-70°	17.5	17.1	16.7	16.2	15.8	15.4	15.0	14.6	14.2	13.7	13.2
-72.5°	15.1	14.9	14.7	14.4	14.1	13.8	13.4	13.0	12.7	12.2	11.8
-75°	13.3	13.1	12.9	12.6	12.4	12.1	11.8	11.5	11.1	10.8	10.4
-77.5°	11.4	11.2	11.1	10.9	10.6	10.4	10.2	10.0	9.8	9.7	9.5
-80°	9.6	9.6	9.6	9.5	9.5	9.4	9.3	9.2	9.1	8.9	8.6
-82.5°	8.2	8.4	8.4	8.3	8.2	8.1	7.9	7.8	7.6	7.4	7.2
-85°	6.9	6.8	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.4
-87.5°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.2
-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: P722778 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_GREEN-ONLY

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°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.8
85°	6.4	6.3	6.2	6.1	6.1	6.0	5.5	5.1	4.6	4.1	3.6
82.5°	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.1	6.0	5.4
80°	8.4	8.1	7.9	7.6	7.3	7.0	6.8	6.7	6.5	6.4	6.2
77.5°	9.4	9.2	9.0	8.7	8.3	8.0	7.6	7.2	6.9	6.7	6.5
75°	10.1	9.8	9.6	9.4	9.2	8.9	8.5	8.0	7.5	7.1	6.8
72.5°	11.4	10.9	10.4	10.0	9.7	9.5	9.2	8.8	8.3	7.7	7.2
70°	12.7	12.2	11.6	11.1	10.5	9.9	9.6	9.3	9.0	8.4	7.7
67.5°	14.0	13.4	12.8	12.1	11.5	10.8	10.1	9.7	9.4	9.0	8.3
65°	15.3	14.6	13.9	13.2	12.5	11.8	11.0	10.2	9.7	9.3	8.8
62.5°	16.8	15.8	15.1	14.3	13.5	12.7	11.8	11.0	10.1	9.6	9.2
60°	18.7	17.5	16.4	15.6	14.6	13.6	12.7	11.8	10.8	9.9	9.5
57.5°	20.5	19.2	18.0	16.9	15.9	14.7	13.5	12.5	11.5	10.5	9.7
55°	22.6	21.0	19.5	18.2	17.1	16.0	14.4	13.2	12.1	11.1	10.0
52.5°	25.6	23.1	21.1	19.5	18.2	17.2	15.6	13.9	12.8	11.6	10.4
50°	28.5	25.8	23.1	21.0	19.2	18.1	16.7	14.9	13.4	12.2	10.9
47.5°	31.4	28.6	25.6	22.6	20.5	19.0	17.6	15.9	14.0	12.7	11.4
45°	33.9	31.4	28.1	24.9	21.9	20.1	18.5	16.9	14.8	13.2	11.8
42.5°	36.1	33.8	30.8	27.0	23.8	21.3	19.5	17.7	15.7	13.7	12.2
40°	39.3	35.9	33.3	29.6	25.9	22.5	20.5	18.6	16.5	14.2	12.7
37.5°	42.4	38.4	35.2	32.0	27.9	24.3	21.5	19.4	17.2	14.9	13.0
35°	46.9	41.2	37.1	34.0	29.9	26.0	22.5	20.3	17.9	15.5	13.4
32.5°	51.6	44.8	40.0	35.8	31.8	27.7	23.8	21.0	18.5	16.1	13.8
30°	56.7	50.2	43.3	37.7	33.5	29.2	25.1	21.7	19.0	16.7	14.1
27.5°	63.1	56.1	47.2	40.5	35.2	30.7	26.4	22.4	19.4	17.2	14.6
25°	69.7	62.1	52.5	43.7	36.9	31.9	27.5	23.0	19.9	17.5	15.0
22.5°	75.8	68.3	58.1	47.0	38.8	33.0	28.5	24.0	20.4	17.8	15.4
20°	81.8	74.6	64.1	51.9	41.5	34.5	29.4	24.8	20.9	18.1	15.7
17.5°	87.6	81.8	72.2	58.3	45.1	36.0	30.3	25.5	21.3	18.3	16.0
15°	93.9	89.8	80.3	65.1	48.9	37.4	31.0	26.2	21.7	18.5	16.3
12.5°	100.6	97.6	88.3	72.0	52.9	38.8	31.6	26.7	22.1	18.7	16.5
10°	107.2	104.9	96.3	79.0	56.8	40.0	32.1	27.2	22.4	19.0	16.7
7.5°	113.7	112.0	104.0	85.8	60.6	41.0	32.5	27.5	22.7	19.3	16.8
5°	119.0	116.7	108.2	89.6	63.2	41.5	32.8	27.8	22.9	19.6	16.9
2.5°	120.0	118.0	109.9	92.2	65.4	41.9	32.9	27.9	23.0	19.8	17.0
0°	121.0	119.0	111.0	94.0	67.0	42.0	33.0	28.0	23.0	20.0	17.0
-2.5°	120.0	118.0	109.9	92.2	65.4	41.9	32.9	27.9	23.0	19.8	17.0
-5°	119.0	116.7	108.2	89.6	63.2	41.5	32.8	27.8	22.9	19.6	16.9
-7.5°	113.7	112.0	104.0	85.8	60.6	41.0	32.5	27.5	22.7	19.3	16.8
-10°	107.2	104.9	96.3	79.0	56.8	40.0	32.1	27.2	22.4	19.0	16.7
-12.5°	100.6	97.6	88.3	72.0	52.9	38.8	31.6	26.7	22.1	18.7	16.5
-15°	93.9	89.8	80.3	65.1	48.9	37.4	31.0	26.2	21.7	18.5	16.3
-17.5°	87.6	81.8	72.2	58.3	45.1	36.0	30.3	25.5	21.3	18.3	16.0
-20°	81.8	74.6	64.1	51.9	41.5	34.5	29.4	24.8	20.9	18.1	15.7



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	75.8	68.3	58.1	47.0	38.8	33.0	28.5	24.0	20.4	17.8	15.4
-25°	69.7	62.1	52.5	43.7	36.9	31.9	27.5	23.0	19.9	17.5	15.0
-27.5°	63.1	56.1	47.2	40.5	35.2	30.7	26.4	22.4	19.4	17.2	14.6
-30°	56.7	50.2	43.3	37.7	33.5	29.2	25.1	21.7	19.0	16.7	14.1
-32.5°	51.6	44.8	40.0	35.8	31.8	27.7	23.8	21.0	18.5	16.1	13.8
-35°	46.9	41.2	37.1	34.0	29.9	26.0	22.5	20.3	17.9	15.5	13.4
-37.5°	42.4	38.4	35.2	32.0	27.9	24.3	21.5	19.4	17.2	14.9	13.0
-40°	39.3	35.9	33.3	29.6	25.9	22.5	20.5	18.6	16.5	14.2	12.7
-42.5°	36.1	33.8	30.8	27.0	23.8	21.3	19.5	17.7	15.7	13.7	12.2
-45°	33.9	31.4	28.1	24.9	21.9	20.1	18.5	16.9	14.8	13.2	11.8
-47.5°	31.4	28.6	25.6	22.6	20.5	19.0	17.6	15.9	14.0	12.7	11.4
-50°	28.5	25.8	23.1	21.0	19.2	18.1	16.7	14.9	13.4	12.2	10.9
-52.5°	25.6	23.1	21.1	19.5	18.2	17.2	15.6	13.9	12.8	11.6	10.4
-55°	22.6	21.0	19.5	18.2	17.1	16.0	14.4	13.2	12.1	11.1	10.0
-57.5°	20.5	19.2	18.0	16.9	15.9	14.7	13.5	12.5	11.5	10.5	9.7
-60°	18.7	17.5	16.4	15.6	14.6	13.6	12.7	11.8	10.8	9.9	9.5
-62.5°	16.8	15.8	15.1	14.3	13.5	12.7	11.8	11.0	10.1	9.6	9.2
-65°	15.3	14.6	13.9	13.2	12.5	11.8	11.0	10.2	9.7	9.3	8.8
-67.5°	14.0	13.4	12.8	12.1	11.5	10.8	10.1	9.7	9.4	9.0	8.3
-70°	12.7	12.2	11.6	11.1	10.5	9.9	9.6	9.3	9.0	8.4	7.7
-72.5°	11.4	10.9	10.4	10.0	9.7	9.5	9.2	8.8	8.3	7.7	7.2
-75°	10.1	9.8	9.6	9.4	9.2	8.9	8.5	8.0	7.5	7.1	6.8
-77.5°	9.4	9.2	9.0	8.7	8.3	8.0	7.6	7.2	6.9	6.7	6.5
-80°	8.4	8.1	7.9	7.6	7.3	7.0	6.8	6.7	6.5	6.4	6.2
-82.5°	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.1	6.0	5.4
-85°	6.4	6.3	6.2	6.1	6.1	6.0	5.5	5.1	4.6	4.1	3.6
-87.5°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.8
-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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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°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
82.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
80°	6.0	5.2	4.1	3.1	2.1	1.0	0.0
77.5°	6.3	6.1	5.2	3.9	2.6	1.3	0.0
75°	6.5	6.3	6.0	4.6	3.1	1.6	0.0
72.5°	6.8	6.5	6.2	5.4	3.6	1.8	0.0
70°	7.1	6.7	6.4	6.0	4.1	2.1	0.0
67.5°	7.5	6.9	6.5	6.1	4.6	2.3	0.0
65°	8.0	7.2	6.7	6.3	5.1	2.5	0.0
62.5°	8.5	7.6	6.8	6.4	5.5	2.8	0.0
60°	8.9	8.0	7.0	6.5	6.0	3.0	0.0
57.5°	9.2	8.3	7.3	6.6	6.1	3.2	0.0
55°	9.4	8.7	7.6	6.7	6.1	3.4	0.0
52.5°	9.6	9.0	7.9	6.8	6.2	3.7	0.0
50°	9.8	9.2	8.1	6.9	6.3	3.9	0.0
47.5°	10.1	9.4	8.4	7.0	6.4	4.1	0.0
45°	10.4	9.5	8.6	7.2	6.4	4.2	0.0
42.5°	10.8	9.7	8.9	7.4	6.5	4.4	0.0
40°	11.1	9.8	9.1	7.6	6.5	4.6	0.0
37.5°	11.5	10.0	9.2	7.8	6.6	4.8	0.0
35°	11.8	10.2	9.3	7.9	6.6	4.9	0.0
32.5°	12.1	10.4	9.4	8.1	6.7	5.1	0.0
30°	12.4	10.6	9.5	8.2	6.7	5.2	0.0
27.5°	12.6	10.9	9.5	8.3	6.8	5.3	0.0
25°	12.9	11.1	9.6	8.4	6.8	5.4	0.0
22.5°	13.1	11.2	9.7	8.5	6.8	5.5	0.0
20°	13.3	11.4	9.8	8.6	6.9	5.6	0.0
17.5°	13.4	11.5	9.8	8.7	6.9	5.7	0.0
15°	13.6	11.7	9.9	8.8	6.9	5.8	0.0
12.5°	13.7	11.8	9.9	8.9	7.0	5.9	0.0
10°	13.8	11.8	9.9	8.9	7.0	5.9	0.0
7.5°	13.9	11.9	10.0	8.9	7.0	5.9	0.0
5°	14.0	12.0	10.0	9.0	7.0	6.0	0.0
2.5°	14.0	12.0	10.0	9.0	7.0	6.0	0.0
0°	14.0	12.0	10.0	9.0	7.0	6.0	0.0
-2.5°	14.0	12.0	10.0	9.0	7.0	6.0	0.0
-5°	14.0	12.0	10.0	9.0	7.0	6.0	0.0
-7.5°	13.9	11.9	10.0	8.9	7.0	5.9	0.0
-10°	13.8	11.8	9.9	8.9	7.0	5.9	0.0
-12.5°	13.7	11.8	9.9	8.9	7.0	5.9	0.0
-15°	13.6	11.7	9.9	8.8	6.9	5.8	0.0
-17.5°	13.4	11.5	9.8	8.7	6.9	5.7	0.0
-20°	13.3	11.4	9.8	8.6	6.9	5.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	13.1	11.2	9.7	8.5	6.8	5.5	0.0
-25°	12.9	11.1	9.6	8.4	6.8	5.4	0.0
-27.5°	12.6	10.9	9.5	8.3	6.8	5.3	0.0
-30°	12.4	10.6	9.5	8.2	6.7	5.2	0.0
-32.5°	12.1	10.4	9.4	8.1	6.7	5.1	0.0
-35°	11.8	10.2	9.3	7.9	6.6	4.9	0.0
-37.5°	11.5	10.0	9.2	7.8	6.6	4.8	0.0
-40°	11.1	9.8	9.1	7.6	6.5	4.6	0.0
-42.5°	10.8	9.7	8.9	7.4	6.5	4.4	0.0
-45°	10.4	9.5	8.6	7.2	6.4	4.2	0.0
-47.5°	10.1	9.4	8.4	7.0	6.4	4.1	0.0
-50°	9.8	9.2	8.1	6.9	6.3	3.9	0.0
-52.5°	9.6	9.0	7.9	6.8	6.2	3.7	0.0
-55°	9.4	8.7	7.6	6.7	6.1	3.4	0.0
-57.5°	9.2	8.3	7.3	6.6	6.1	3.2	0.0
-60°	8.9	8.0	7.0	6.5	6.0	3.0	0.0
-62.5°	8.5	7.6	6.8	6.4	5.5	2.8	0.0
-65°	8.0	7.2	6.7	6.3	5.1	2.5	0.0
-67.5°	7.5	6.9	6.5	6.1	4.6	2.3	0.0
-70°	7.1	6.7	6.4	6.0	4.1	2.1	0.0
-72.5°	6.8	6.5	6.2	5.4	3.6	1.8	0.0
-75°	6.5	6.3	6.0	4.6	3.1	1.6	0.0
-77.5°	6.3	6.1	5.2	3.9	2.6	1.3	0.0
-80°	6.0	5.2	4.1	3.1	2.1	1.0	0.0
-82.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
-85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
-87.5°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)