

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: P722774 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-16-720PL-RGB-1R_GREEN-ONLY**

Issue Date: 11/1/2023

Test Information

Test Method: LM-79-08
Report Number: P722774 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2308-140-2)
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-1R_GREEN-ONLY
Description: LUMASPORT 16 PRISM RGB
Light Source: -
Ballast/Driver: -

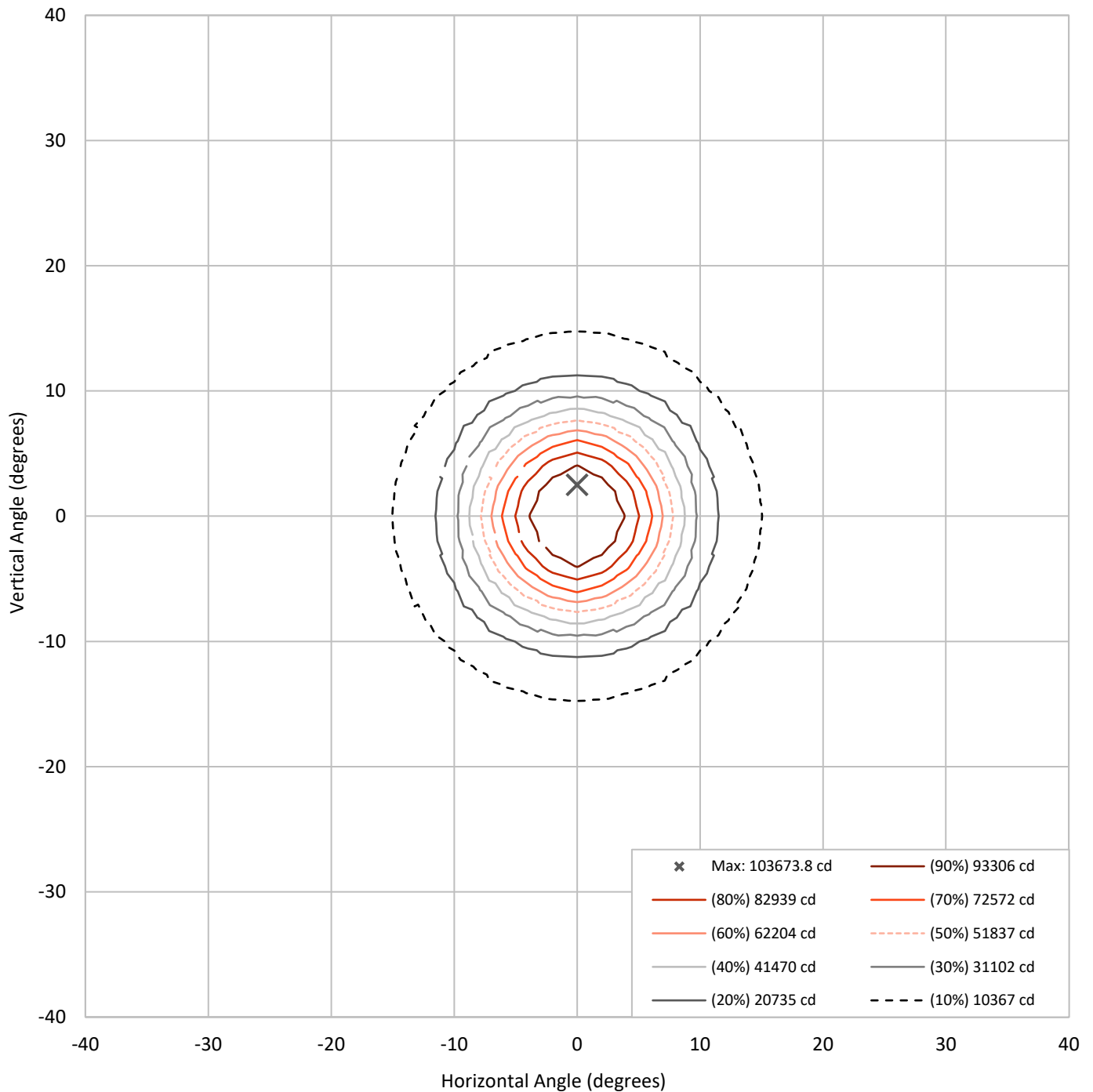
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	12961 lumens	Max Intensity:	103673.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	64.6 lumens/watt		
Luminous Opening:	Circular (Dia: 1.67' x H: 0')		
Beam Angle (50%):	14.6°H x 15.2°V	Field Angle (10%):	29.2°H x 29.1°V
Beam Lumens:	4640.3 lumens	Field Lumens:	7878.2 lumens
Beam Efficiency:	35.8%	Field Efficiency:	60.8%
Input Watts (W):	200.6		
Input Voltage (V):	NR		
Input Current (A _{in}):	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: P722774 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-LS-16-720PL-RGB-1R_GREEN-ONLY

Iso-Candela Plot





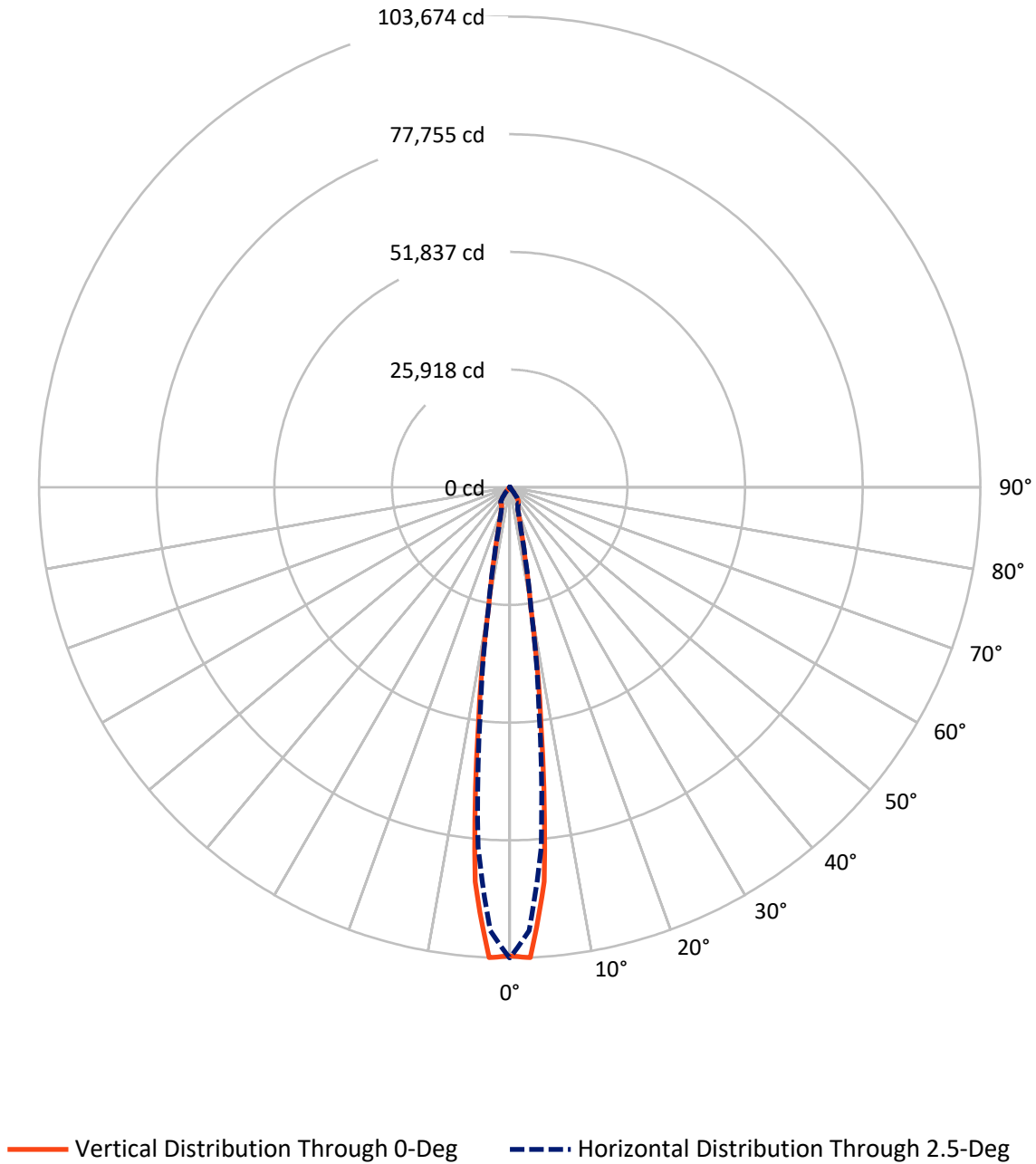
REPORT NUMBER: P722774 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-1R_GREEN-ONLY

Lumen Table

90	0.1	0.4		0.8		1.2		1.3		1.2		0.8		0.4		0.1
80	0.1	0.4		0.8		1.2		1.3		1.2		0.8		0.4		0.1
70	0.2	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.8	0.7	0.6	0.4	0.3	0.2	0.1	0.2
60		0.2	0.3	0.5	0.8	1.0	1.4	2.0	2.0	1.4	1.0	0.8	0.5	0.3	0.2	
50	0.2	0.2	0.4	0.7	1.1	1.6	3.3	6.5	6.5	3.3	1.6	1.1	0.7	0.4	0.2	0.2
40		0.2	0.5	1.0	2.1	15.5	49.1	74.5	74.5	49.1	15.5	2.1	1.0	0.5	0.2	
30	0.3	0.3	0.7	1.4	13.6	75.1	115.6	131.2	131.2	115.6	75.1	13.6	1.4	0.7	0.3	0.3
20		0.3	1.0	2.9	43.3	108.5	157.8	298.9	298.9	157.8	108.5	43.3	2.9	1.0	0.3	
10	0.3	0.3	1.3	5.1	63.5	119.9	298.4	1631.5	1631.5	298.4	119.9	63.5	5.1	1.3	0.3	0.3
0		0.3	1.3	5.1	63.5	119.9	298.4	1631.5	1631.5	298.4	119.9	63.5	5.1	1.3	0.3	
-10	0.3	0.3	1.0	2.9	43.3	108.5	157.8	298.9	298.9	157.8	108.5	43.3	2.9	1.0	0.3	0.3
-20		0.3	0.7	1.4	13.6	75.1	115.6	131.2	131.2	115.6	75.1	13.6	1.4	0.7	0.3	
-30	0.2	0.2	0.5	1.0	2.1	15.5	49.1	74.5	74.5	49.1	15.5	2.1	1.0	0.5	0.2	0.2
-40		0.2	0.4	0.7	1.1	1.6	3.3	6.5	6.5	3.3	1.6	1.1	0.7	0.4	0.2	
-50	0.2	0.2	0.3	0.5	0.8	1.0	1.4	2.0	2.0	1.4	1.0	0.8	0.5	0.3	0.2	0.2
-60		0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.8	0.7	0.6	0.4	0.3	0.2	0.1	
-70	0.1	0.4		0.8		1.2		1.3		1.2		0.8		0.4		0.1
-80		0.4		0.8		1.2		1.3		1.2		0.8		0.4		
-90	0.1	0.4		0.8		1.2		1.3		1.2		0.8		0.4		0.1

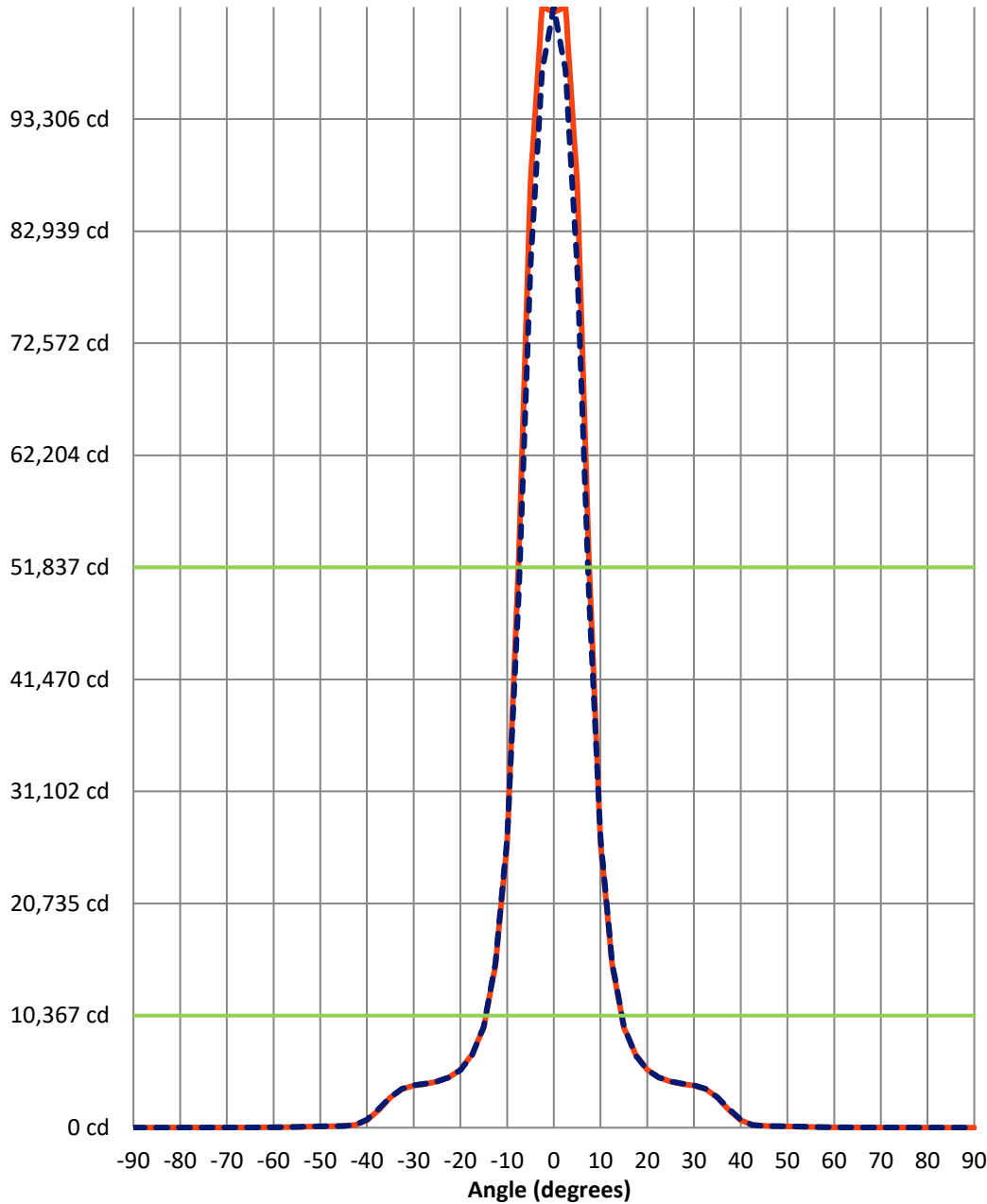
REPORT NUMBER: P722774 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-16-720PL-RGB-1R_GREEN-ONLY

Luminous Intensity Polar Plot



REPORT NUMBER: P722774 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-1R_GREEN-ONLY

Luminous Intensity Plot



Beam:
 H Angle: 14.6°
 V Angle: 15.2°
 Lumens: 4640.3
 Efficiency: 35.8%

Field:
 H Angle: 29.2°
 V Angle: 29.1°
 Lumens: 7878.2
 Efficiency: 60.8%

Spill:
 Lumens: 5082.8
 Efficiency: 39.2%

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



REPORT NUMBER: P722774 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-1R_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	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
85°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	5.9
82.5°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.0	7.1	7.3
80°	0.0	1.2	2.4	3.6	4.8	6.0	7.0	7.2	7.4	7.5	7.7
77.5°	0.0	1.5	3.0	4.5	6.0	7.1	7.3	7.5	7.7	7.9	8.1
75°	0.0	1.8	3.6	5.4	7.0	7.3	7.5	7.8	8.0	8.3	8.5
72.5°	0.0	2.1	4.2	6.3	7.2	7.5	7.8	8.1	8.4	8.6	8.9
70°	0.0	2.4	4.8	7.0	7.4	7.7	8.0	8.4	8.7	9.0	9.6
67.5°	0.0	2.7	5.4	7.1	7.5	7.9	8.3	8.6	9.0	9.7	10.4
65°	0.0	3.0	5.9	7.3	7.7	8.1	8.5	8.9	9.6	10.4	11.1
62.5°	0.0	3.2	6.5	7.4	7.8	8.3	8.7	9.4	10.3	11.1	11.5
60°	0.0	3.5	7.0	7.5	8.0	8.5	9.0	9.9	10.9	11.4	11.9
57.5°	0.0	3.8	7.1	7.6	8.1	8.7	9.4	10.4	11.2	11.7	12.2
55°	0.0	4.0	7.1	7.7	8.3	8.9	9.8	10.9	11.5	12.1	12.6
52.5°	0.0	4.3	7.2	7.8	8.4	9.1	10.3	11.2	11.8	12.4	13.0
50°	0.0	4.5	7.3	7.9	8.6	9.4	10.7	11.5	12.1	12.7	13.6
47.5°	0.0	4.7	7.4	8.0	8.7	9.7	11.0	11.7	12.3	13.0	14.3
45°	0.0	4.9	7.4	8.1	8.8	10.0	11.2	11.9	12.6	13.6	14.9
42.5°	0.0	5.2	7.5	8.2	8.9	10.3	11.4	12.1	12.8	14.1	15.3
40°	0.0	5.4	7.5	8.3	9.1	10.6	11.6	12.3	13.2	14.6	15.6
37.5°	0.0	5.6	7.6	8.4	9.3	10.9	11.7	12.5	13.6	15.1	15.8
35°	0.0	5.7	7.6	8.5	9.5	11.1	11.9	12.7	14.0	15.3	16.2
32.5°	0.0	5.9	7.7	8.5	9.7	11.2	12.0	12.9	14.4	15.5	16.7
30°	0.0	6.1	7.7	8.6	9.9	11.3	12.2	13.1	14.8	15.7	17.2
27.5°	0.0	6.2	7.8	8.7	10.1	11.4	12.3	13.4	15.1	15.9	17.6
25°	0.0	6.3	7.8	8.7	10.2	11.5	12.4	13.7	15.2	16.2	18.0
22.5°	0.0	6.5	7.8	8.8	10.4	11.6	12.5	13.9	15.4	16.6	18.8
20°	0.0	6.6	7.9	8.8	10.5	11.7	12.6	14.1	15.5	16.9	19.4
17.5°	0.0	6.7	7.9	8.9	10.6	11.8	12.7	14.3	15.6	17.1	20.0
15°	0.0	6.8	7.9	8.9	10.7	11.8	12.8	14.5	15.7	17.4	20.5
12.5°	0.0	6.8	8.0	8.9	10.8	11.9	12.9	14.7	15.8	17.6	21.0
10°	0.0	6.9	8.0	9.0	10.9	11.9	12.9	14.8	15.9	17.9	21.3
7.5°	0.0	6.9	8.0	9.0	10.9	12.0	12.9	14.9	15.9	18.2	21.4
5°	0.0	7.0	8.0	9.0	11.0	12.0	13.0	14.9	16.0	18.5	21.3
2.5°	0.0	7.0	8.0	9.0	11.0	12.0	13.0	15.0	16.0	18.8	21.2
0°	0.0	7.0	8.0	9.0	11.0	12.0	13.0	15.0	16.0	19.0	21.0
-2.5°	0.0	7.0	8.0	9.0	11.0	12.0	13.0	15.0	16.0	18.8	21.2
-5°	0.0	7.0	8.0	9.0	11.0	12.0	13.0	14.9	16.0	18.5	21.3
-7.5°	0.0	6.9	8.0	9.0	10.9	12.0	12.9	14.9	15.9	18.2	21.4
-10°	0.0	6.9	8.0	9.0	10.9	11.9	12.9	14.8	15.9	17.9	21.3
-12.5°	0.0	6.8	8.0	8.9	10.8	11.9	12.9	14.7	15.8	17.6	21.0
-15°	0.0	6.8	7.9	8.9	10.7	11.8	12.8	14.5	15.7	17.4	20.5
-17.5°	0.0	6.7	7.9	8.9	10.6	11.8	12.7	14.3	15.6	17.1	20.0
-20°	0.0	6.6	7.9	8.8	10.5	11.7	12.6	14.1	15.5	16.9	19.4



REPORT NUMBER: P722774 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-1R_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	6.5	7.8	8.8	10.4	11.6	12.5	13.9	15.4	16.6	18.8
-25°	0.0	6.3	7.8	8.7	10.2	11.5	12.4	13.7	15.2	16.2	18.0
-27.5°	0.0	6.2	7.8	8.7	10.1	11.4	12.3	13.4	15.1	15.9	17.6
-30°	0.0	6.1	7.7	8.6	9.9	11.3	12.2	13.1	14.8	15.7	17.2
-32.5°	0.0	5.9	7.7	8.5	9.7	11.2	12.0	12.9	14.4	15.5	16.7
-35°	0.0	5.7	7.6	8.5	9.5	11.1	11.9	12.7	14.0	15.3	16.2
-37.5°	0.0	5.6	7.6	8.4	9.3	10.9	11.7	12.5	13.6	15.1	15.8
-40°	0.0	5.4	7.5	8.3	9.1	10.6	11.6	12.3	13.2	14.6	15.6
-42.5°	0.0	5.2	7.5	8.2	8.9	10.3	11.4	12.1	12.8	14.1	15.3
-45°	0.0	4.9	7.4	8.1	8.8	10.0	11.2	11.9	12.6	13.6	14.9
-47.5°	0.0	4.7	7.4	8.0	8.7	9.7	11.0	11.7	12.3	13.0	14.3
-50°	0.0	4.5	7.3	7.9	8.6	9.4	10.7	11.5	12.1	12.7	13.6
-52.5°	0.0	4.3	7.2	7.8	8.4	9.1	10.3	11.2	11.8	12.4	13.0
-55°	0.0	4.0	7.1	7.7	8.3	8.9	9.8	10.9	11.5	12.1	12.6
-57.5°	0.0	3.8	7.1	7.6	8.1	8.7	9.4	10.4	11.2	11.7	12.2
-60°	0.0	3.5	7.0	7.5	8.0	8.5	9.0	9.9	10.9	11.4	11.9
-62.5°	0.0	3.2	6.5	7.4	7.8	8.3	8.7	9.4	10.3	11.1	11.5
-65°	0.0	3.0	5.9	7.3	7.7	8.1	8.5	8.9	9.6	10.4	11.1
-67.5°	0.0	2.7	5.4	7.1	7.5	7.9	8.3	8.6	9.0	9.7	10.4
-70°	0.0	2.4	4.8	7.0	7.4	7.7	8.0	8.4	8.7	9.0	9.6
-72.5°	0.0	2.1	4.2	6.3	7.2	7.5	7.8	8.1	8.4	8.6	8.9
-75°	0.0	1.8	3.6	5.4	7.0	7.3	7.5	7.8	8.0	8.3	8.5
-77.5°	0.0	1.5	3.0	4.5	6.0	7.1	7.3	7.5	7.7	7.9	8.1
-80°	0.0	1.2	2.4	3.6	4.8	6.0	7.0	7.2	7.4	7.5	7.7
-82.5°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.0	7.1	7.3
-85°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	5.9
-87.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
-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-16-720PL-RGB-1R_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°	3.2	3.5	3.8	4.0	4.3	4.5	4.7	4.9	5.2	5.4	5.6
85°	6.5	7.0	7.1	7.1	7.2	7.3	7.4	7.4	7.5	7.5	7.6
82.5°	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4
80°	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.8	8.9	9.1	9.3
77.5°	8.3	8.5	8.7	8.9	9.1	9.4	9.7	10.0	10.3	10.6	10.9
75°	8.7	9.0	9.4	9.8	10.3	10.7	11.0	11.2	11.4	11.6	11.7
72.5°	9.4	9.9	10.4	10.9	11.2	11.5	11.7	11.9	12.2	12.7	13.0
70°	10.3	10.9	11.2	11.5	11.8	12.1	12.5	13.1	13.7	14.1	14.3
67.5°	11.1	11.4	11.7	12.1	12.4	12.9	13.5	14.1	14.6	14.8	15.1
65°	11.5	11.9	12.2	12.6	13.0	13.8	14.4	14.9	15.5	16.1	16.7
62.5°	11.9	12.3	12.7	13.3	14.1	14.8	15.4	16.0	16.8	17.6	18.2
60°	12.3	12.8	13.5	14.3	15.1	15.5	16.2	17.2	18.1	19.0	20.0
57.5°	12.7	13.5	14.4	15.2	15.6	16.2	17.3	18.4	19.8	21.2	22.8
55°	13.3	14.3	15.2	15.7	16.3	17.3	18.6	20.5	22.1	25.4	28.8
52.5°	14.1	15.1	15.6	16.3	17.4	18.8	20.9	23.6	27.3	30.6	32.9
50°	14.8	15.5	16.2	17.3	18.8	20.9	24.4	28.5	31.6	34.0	36.1
47.5°	15.3	15.9	17.0	18.4	20.5	24.1	28.9	32.1	34.7	36.7	38.7
45°	15.6	16.6	17.9	19.8	23.1	28.4	32.0	35.0	36.9	39.0	41.5
42.5°	16.0	17.3	19.1	21.1	27.1	31.4	34.4	36.7	39.0	41.9	44.6
40°	16.6	18.0	20.4	24.9	30.5	33.5	36.4	38.8	41.8	44.9	47.9
37.5°	17.2	19.2	22.2	28.5	32.2	35.4	38.4	41.9	45.0	47.9	51.4
35°	17.8	20.5	25.3	30.9	34.0	37.5	41.3	45.0	48.4	51.6	55.5
32.5°	18.7	21.7	28.1	32.5	36.3	40.1	44.1	48.4	52.6	56.4	60.4
30°	19.7	24.0	30.4	34.2	38.9	43.7	47.7	52.3	57.5	61.9	69.6
27.5°	20.7	26.2	31.9	36.4	41.8	47.7	53.1	57.3	62.5	68.5	80.6
25°	21.6	28.0	33.3	38.8	45.6	52.8	59.7	65.4	67.8	78.7	136.4
22.5°	22.7	29.5	34.5	41.4	49.6	58.8	67.5	73.4	78.0	91.4	189.4
20°	24.0	30.4	36.2	44.4	54.0	65.3	75.9	81.3	89.9	142.8	340.0
17.5°	25.1	31.3	38.3	48.5	61.0	73.7	84.4	89.3	100.9	192.9	553.0
15°	25.9	32.2	40.5	53.0	68.8	84.2	94.4	99.7	129.1	279.4	767.1
12.5°	26.5	32.9	42.6	57.8	77.2	94.9	105.1	112.7	168.0	442.9	1092.2
10°	26.9	33.6	44.6	62.7	85.8	105.6	115.8	125.1	199.8	563.2	1334.3
7.5°	27.2	34.1	46.5	67.5	94.4	116.2	126.4	136.8	224.1	649.5	1519.4
5°	27.2	34.2	47.9	70.2	100.6	124.2	135.6	147.9	241.5	703.6	1655.5
2.5°	27.2	34.2	49.2	71.9	104.8	128.1	138.5	149.8	250.9	749.1	1736.3
0°	27.0	34.0	50.0	73.0	108.0	131.0	141.0	151.0	255.0	779.0	1757.0
-2.5°	27.2	34.2	49.2	71.9	104.8	128.1	138.5	149.8	250.9	749.1	1736.3
-5°	27.2	34.2	47.9	70.2	100.6	124.2	135.6	147.9	241.5	703.6	1655.5
-7.5°	27.2	34.1	46.5	67.5	94.4	116.2	126.4	136.8	224.1	649.5	1519.4
-10°	26.9	33.6	44.6	62.7	85.8	105.6	115.8	125.1	199.8	563.2	1334.3
-12.5°	26.5	32.9	42.6	57.8	77.2	94.9	105.1	112.7	168.0	442.9	1092.2
-15°	25.9	32.2	40.5	53.0	68.8	84.2	94.4	99.7	129.1	279.4	767.1
-17.5°	25.1	31.3	38.3	48.5	61.0	73.7	84.4	89.3	100.9	192.9	553.0
-20°	24.0	30.4	36.2	44.4	54.0	65.3	75.9	81.3	89.9	142.8	340.0



REPORT NUMBER: P722774 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-1R_GREEN-ONLY

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	22.7	29.5	34.5	41.4	49.6	58.8	67.5	73.4	78.0	91.4	189.4
-25°	21.6	28.0	33.3	38.8	45.6	52.8	59.7	65.4	67.8	78.7	136.4
-27.5°	20.7	26.2	31.9	36.4	41.8	47.7	53.1	57.3	62.5	68.5	80.6
-30°	19.7	24.0	30.4	34.2	38.9	43.7	47.7	52.3	57.5	61.9	69.6
-32.5°	18.7	21.7	28.1	32.5	36.3	40.1	44.1	48.4	52.6	56.4	60.4
-35°	17.8	20.5	25.3	30.9	34.0	37.5	41.3	45.0	48.4	51.6	55.5
-37.5°	17.2	19.2	22.2	28.5	32.2	35.4	38.4	41.9	45.0	47.9	51.4
-40°	16.6	18.0	20.4	24.9	30.5	33.5	36.4	38.8	41.8	44.9	47.9
-42.5°	16.0	17.3	19.1	21.1	27.1	31.4	34.4	36.7	39.0	41.9	44.6
-45°	15.6	16.6	17.9	19.8	23.1	28.4	32.0	35.0	36.9	39.0	41.5
-47.5°	15.3	15.9	17.0	18.4	20.5	24.1	28.9	32.1	34.7	36.7	38.7
-50°	14.8	15.5	16.2	17.3	18.8	20.9	24.4	28.5	31.6	34.0	36.1
-52.5°	14.1	15.1	15.6	16.3	17.4	18.8	20.9	23.6	27.3	30.6	32.9
-55°	13.3	14.3	15.2	15.7	16.3	17.3	18.6	20.5	22.1	25.4	28.8
-57.5°	12.7	13.5	14.4	15.2	15.6	16.2	17.3	18.4	19.8	21.2	22.8
-60°	12.3	12.8	13.5	14.3	15.1	15.5	16.2	17.2	18.1	19.0	20.0
-62.5°	11.9	12.3	12.7	13.3	14.1	14.8	15.4	16.0	16.8	17.6	18.2
-65°	11.5	11.9	12.2	12.6	13.0	13.8	14.4	14.9	15.5	16.1	16.7
-67.5°	11.1	11.4	11.7	12.1	12.4	12.9	13.5	14.1	14.6	14.8	15.1
-70°	10.3	10.9	11.2	11.5	11.8	12.1	12.5	13.1	13.7	14.1	14.3
-72.5°	9.4	9.9	10.4	10.9	11.2	11.5	11.7	11.9	12.2	12.7	13.0
-75°	8.7	9.0	9.4	9.8	10.3	10.7	11.0	11.2	11.4	11.6	11.7
-77.5°	8.3	8.5	8.7	8.9	9.1	9.4	9.7	10.0	10.3	10.6	10.9
-80°	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.8	8.9	9.1	9.3
-82.5°	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4
-85°	6.5	7.0	7.1	7.1	7.2	7.3	7.4	7.4	7.5	7.5	7.6
-87.5°	3.2	3.5	3.8	4.0	4.3	4.5	4.7	4.9	5.2	5.4	5.6
-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: P722774 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-1R_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°	5.7	5.9	6.1	6.2	6.3	6.5	6.6	6.7	6.8	6.8	6.9
85°	7.6	7.7	7.7	7.8	7.8	7.8	7.9	7.9	7.9	8.0	8.0
82.5°	8.5	8.5	8.6	8.7	8.7	8.8	8.8	8.9	8.9	8.9	9.0
80°	9.5	9.7	9.9	10.1	10.2	10.4	10.5	10.6	10.7	10.8	10.9
77.5°	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.8	11.9	11.9
75°	11.9	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	14.0	14.2	14.3	14.5	14.6	14.7	14.8	14.8	14.9
70°	14.5	14.7	14.9	15.1	15.4	15.7	16.0	16.2	16.4	16.6	16.7
67.5°	15.6	16.1	16.5	16.9	17.2	17.6	18.0	18.5	19.0	19.3	19.6
65°	17.2	17.7	18.2	18.6	19.0	19.6	20.4	21.1	21.8	22.2	22.5
62.5°	18.8	19.5	20.3	21.0	21.7	22.9	24.9	26.8	28.7	30.0	30.6
60°	21.0	21.9	24.4	26.8	29.0	31.0	32.4	33.8	34.9	35.7	35.8
57.5°	25.8	28.8	31.5	32.9	34.3	35.5	36.7	38.1	39.5	41.0	42.6
55°	31.5	33.6	35.6	36.8	37.9	39.1	40.6	43.1	46.2	49.7	54.0
52.5°	35.2	36.8	38.2	39.5	41.2	43.0	45.1	49.8	55.1	60.9	67.9
50°	37.9	39.5	41.1	42.8	45.3	48.1	50.9	57.3	65.0	73.1	83.2
47.5°	40.8	42.6	44.8	47.3	50.5	54.2	58.2	65.3	74.5	83.8	94.3
45°	43.8	46.4	49.2	52.0	55.6	60.3	65.3	71.9	83.2	95.7	110.1
42.5°	47.3	50.1	53.2	56.8	60.7	67.3	74.2	79.6	111.7	152.1	186.5
40°	50.9	53.7	58.0	64.0	72.2	81.6	136.8	179.2	250.5	383.7	503.3
37.5°	55.0	58.8	71.5	84.0	147.0	207.0	350.1	506.7	653.0	983.5	1259.9
35°	60.1	74.5	109.3	214.0	350.1	566.4	830.6	1235.7	1599.1	1969.3	2292.8
32.5°	71.7	112.6	245.4	497.8	764.9	1234.5	1700.4	2171.0	2594.4	2942.6	3198.0
30°	92.4	222.3	508.7	915.1	1516.9	2069.6	2604.8	3031.2	3374.1	3642.8	3746.2
27.5°	181.8	435.2	857.4	1584.6	2283.8	2897.9	3295.1	3640.4	3800.4	3937.4	3986.1
25°	312.9	699.1	1465.2	2249.1	2968.4	3435.1	3725.6	3911.1	4003.5	4076.7	4150.2
22.5°	540.9	1201.9	2052.0	2891.1	3426.2	3752.6	3942.9	4039.7	4146.1	4259.5	4384.5
20°	816.1	1682.6	2620.8	3298.9	3721.8	3943.2	4048.0	4176.3	4333.8	4530.6	4761.6
17.5°	1247.3	2166.8	3052.7	3638.7	3906.0	4041.7	4175.9	4364.8	4621.1	4964.0	5380.7
15°	1646.8	2649.5	3381.3	3794.7	4001.1	4143.3	4327.1	4617.1	5019.2	5633.1	6418.7
12.5°	2028.7	3002.1	3640.2	3933.4	4079.9	4260.8	4526.3	4963.2	5638.2	6694.0	8174.9
10°	2346.2	3234.7	3749.1	3988.1	4147.2	4381.2	4758.5	5378.4	6464.4	8238.2	11269.4
7.5°	2570.4	3398.0	3830.4	4027.6	4210.6	4489.9	4986.0	5886.7	7451.2	10416.5	15887.0
5°	2723.9	3519.2	3888.4	4055.7	4254.9	4573.1	5190.6	6305.8	8534.4	13106.5	21504.2
2.5°	2819.0	3592.5	3924.3	4076.0	4278.8	4644.1	5322.4	6702.1	9375.9	15241.8	26796.2
0°	2865.0	3607.0	3938.0	4094.5	4300.0	4672.0	5383.0	6868.4	9809.9	15917.4	28246.8
-2.5°	2819.0	3592.5	3924.3	4076.0	4278.8	4644.1	5322.4	6702.1	9375.9	15241.8	26796.2
-5°	2723.9	3519.2	3888.4	4055.7	4254.9	4573.1	5190.6	6305.8	8534.4	13106.5	21504.2
-7.5°	2570.4	3398.0	3830.4	4027.6	4210.6	4489.9	4986.0	5886.7	7451.2	10416.5	15887.0
-10°	2346.2	3234.7	3749.1	3988.1	4147.2	4381.2	4758.5	5378.4	6464.4	8238.2	11269.4
-12.5°	2028.7	3002.1	3640.2	3933.4	4079.9	4260.8	4526.3	4963.2	5638.2	6694.0	8174.9
-15°	1646.8	2649.5	3381.3	3794.7	4001.1	4143.3	4327.1	4617.1	5019.2	5633.1	6418.7
-17.5°	1247.3	2166.8	3052.7	3638.7	3906.0	4041.7	4175.9	4364.8	4621.1	4964.0	5380.7
-20°	816.1	1682.6	2620.8	3298.9	3721.8	3943.2	4048.0	4176.3	4333.8	4530.6	4761.6



REPORT NUMBER: P722774 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-1R_GREEN-ONLY

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	540.9	1201.9	2052.0	2891.1	3426.2	3752.6	3942.9	4039.7	4146.1	4259.5	4384.5
-25°	312.9	699.1	1465.2	2249.1	2968.4	3435.1	3725.6	3911.1	4003.5	4076.7	4150.2
-27.5°	181.8	435.2	857.4	1584.6	2283.8	2897.9	3295.1	3640.4	3800.4	3937.4	3986.1
-30°	92.4	222.3	508.7	915.1	1516.9	2069.6	2604.8	3031.2	3374.1	3642.8	3746.2
-32.5°	71.7	112.6	245.4	497.8	764.9	1234.5	1700.4	2171.0	2594.4	2942.6	3198.0
-35°	60.1	74.5	109.3	214.0	350.1	566.4	830.6	1235.7	1599.1	1969.3	2292.8
-37.5°	55.0	58.8	71.5	84.0	147.0	207.0	350.1	506.7	653.0	983.5	1259.9
-40°	50.9	53.7	58.0	64.0	72.2	81.6	136.8	179.2	250.5	383.7	503.3
-42.5°	47.3	50.1	53.2	56.8	60.7	67.3	74.2	79.6	111.7	152.1	186.5
-45°	43.8	46.4	49.2	52.0	55.6	60.3	65.3	71.9	83.2	95.7	110.1
-47.5°	40.8	42.6	44.8	47.3	50.5	54.2	58.2	65.3	74.5	83.8	94.3
-50°	37.9	39.5	41.1	42.8	45.3	48.1	50.9	57.3	65.0	73.1	83.2
-52.5°	35.2	36.8	38.2	39.5	41.2	43.0	45.1	49.8	55.1	60.9	67.9
-55°	31.5	33.6	35.6	36.8	37.9	39.1	40.6	43.1	46.2	49.7	54.0
-57.5°	25.8	28.8	31.5	32.9	34.3	35.5	36.7	38.1	39.5	41.0	42.6
-60°	21.0	21.9	24.4	26.8	29.0	31.0	32.4	33.8	34.9	35.7	35.8
-62.5°	18.8	19.5	20.3	21.0	21.7	22.9	24.9	26.8	28.7	30.0	30.6
-65°	17.2	17.7	18.2	18.6	19.0	19.6	20.4	21.1	21.8	22.2	22.5
-67.5°	15.6	16.1	16.5	16.9	17.2	17.6	18.0	18.5	19.0	19.3	19.6
-70°	14.5	14.7	14.9	15.1	15.4	15.7	16.0	16.2	16.4	16.6	16.7
-72.5°	13.4	13.8	14.0	14.2	14.3	14.5	14.6	14.7	14.8	14.8	14.9
-75°	11.9	12.1	12.4	12.6	12.9	13.1	13.3	13.4	13.6	13.7	13.8
-77.5°	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.8	11.9	11.9
-80°	9.5	9.7	9.9	10.1	10.2	10.4	10.5	10.6	10.7	10.8	10.9
-82.5°	8.5	8.5	8.6	8.7	8.7	8.8	8.8	8.9	8.9	8.9	9.0
-85°	7.6	7.7	7.7	7.8	7.8	7.8	7.9	7.9	7.9	8.0	8.0
-87.5°	5.7	5.9	6.1	6.2	6.3	6.5	6.6	6.7	6.8	6.8	6.9
-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: P722774 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-1R_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°	6.9	7.0	7.0	7.0	7.0	7.0	6.9	6.9	6.8	6.8	6.7
85°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.9
82.5°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.9	8.9	8.9
80°	10.9	11.0	11.0	11.0	11.0	11.0	10.9	10.9	10.8	10.7	10.6
77.5°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.9	11.9	11.8	11.8
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°	14.9	15.0	15.0	15.0	15.0	15.0	14.9	14.9	14.8	14.8	14.7
70°	16.9	16.9	17.0	17.0	17.0	16.9	16.9	16.7	16.6	16.4	16.2
67.5°	19.8	19.9	20.0	20.0	20.0	19.9	19.8	19.6	19.3	19.0	18.5
65°	22.7	22.9	23.0	23.0	23.0	22.9	22.7	22.5	22.2	21.8	21.1
62.5°	30.8	30.8	30.9	31.0	30.9	30.8	30.8	30.6	30.0	28.7	26.8
60°	35.8	35.8	35.5	35.0	35.5	35.8	35.8	35.8	35.7	34.9	33.8
57.5°	44.3	46.0	46.8	47.0	46.8	46.0	44.3	42.6	41.0	39.5	38.1
55°	58.4	62.7	65.1	66.0	65.1	62.7	58.4	54.0	49.7	46.2	43.1
52.5°	75.5	83.0	88.8	93.0	88.8	83.0	75.5	67.9	60.9	55.1	49.8
50°	94.4	105.7	112.9	116.0	112.9	105.7	94.4	83.2	73.1	65.0	57.3
47.5°	106.1	117.6	125.0	128.0	125.0	117.6	106.1	94.3	83.8	74.5	65.3
45°	127.9	146.1	160.4	169.0	160.4	146.1	127.9	110.1	95.7	83.2	71.9
42.5°	216.2	239.2	252.8	255.0	252.8	239.2	216.2	186.5	152.1	111.7	79.6
40°	583.0	632.2	662.8	690.0	662.8	632.2	583.0	503.3	383.7	250.5	179.2
37.5°	1448.6	1563.1	1619.3	1624.0	1619.3	1563.1	1448.6	1259.9	983.5	653.0	506.7
35°	2530.4	2673.1	2752.6	2795.0	2752.6	2673.1	2530.4	2292.8	1969.3	1599.1	1235.7
32.5°	3381.7	3490.5	3552.6	3575.0	3552.6	3490.5	3381.7	3198.0	2942.6	2594.4	2171.0
30°	3824.2	3866.5	3886.9	3890.0	3886.9	3866.5	3824.2	3746.2	3642.8	3374.1	3031.2
27.5°	4025.7	4042.3	4040.8	4040.5	4040.8	4042.3	4025.7	3986.1	3937.4	3800.4	3640.4
25°	4216.7	4248.8	4247.6	4266.0	4247.6	4248.8	4216.7	4150.2	4076.7	4003.5	3911.1
22.5°	4498.4	4581.8	4636.8	4641.0	4636.8	4581.8	4498.4	4384.5	4259.5	4146.1	4039.7
20°	4992.7	5189.0	5308.6	5359.0	5308.6	5189.0	4992.7	4761.6	4530.6	4333.8	4176.3
17.5°	5848.3	6301.7	6649.0	6786.5	6649.0	6301.7	5848.3	5380.7	4964.0	4621.1	4364.8
15°	7487.3	8421.0	9196.6	9291.9	9196.6	8421.0	7487.3	6418.7	5633.1	5019.2	4617.1
12.5°	10206.6	12548.2	14539.2	15075.4	14539.2	12548.2	10206.6	8174.9	6694.0	5638.2	4963.2
10°	15693.7	20923.7	25812.9	26390.8	25812.9	20923.7	15693.7	11269.4	8238.2	6464.4	5378.4
7.5°	24644.6	35815.9	47267.4	52808.7	47267.4	35815.9	24644.6	15887.0	10416.5	7451.2	5886.7
5°	37195.1	59620.0	79481.0	87226.4	79481.0	59620.0	37195.1	21504.2	13106.5	8534.4	6305.8
2.5°	49500.2	79601.7	97746.4	103673.8	97746.4	79601.7	49500.2	26796.2	15241.8	9375.9	6702.1
0°	55101.1	86534.4	101963.8	103192.3	101963.8	86534.4	55101.1	28246.8	15917.4	9809.9	6868.4
-2.5°	49500.2	79601.7	97746.4	103673.8	97746.4	79601.7	49500.2	26796.2	15241.8	9375.9	6702.1
-5°	37195.1	59620.0	79481.0	87226.4	79481.0	59620.0	37195.1	21504.2	13106.5	8534.4	6305.8
-7.5°	24644.6	35815.9	47267.4	52808.6	47267.4	35815.9	24644.6	15887.0	10416.5	7451.2	5886.7
-10°	15693.7	20923.7	25812.9	26390.8	25812.9	20923.7	15693.7	11269.4	8238.2	6464.4	5378.4
-12.5°	10206.6	12548.2	14539.2	15075.4	14539.2	12548.2	10206.6	8174.9	6694.0	5638.2	4963.2
-15°	7487.3	8421.0	9196.6	9291.9	9196.6	8421.0	7487.3	6418.7	5633.1	5019.2	4617.1
-17.5°	5848.3	6301.7	6649.0	6786.4	6649.0	6301.7	5848.3	5380.7	4964.0	4621.1	4364.8
-20°	4992.7	5189.0	5308.6	5359.0	5308.6	5189.0	4992.7	4761.6	4530.6	4333.8	4176.3



REPORT NUMBER: P722774 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-1R_GREEN-ONLY

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4498.4	4581.8	4636.8	4641.0	4636.8	4581.8	4498.4	4384.5	4259.5	4146.1	4039.7
-25°	4216.7	4248.8	4247.6	4266.0	4247.6	4248.8	4216.7	4150.2	4076.7	4003.5	3911.1
-27.5°	4025.7	4042.3	4040.8	4040.5	4040.8	4042.3	4025.7	3986.1	3937.4	3800.4	3640.4
-30°	3824.2	3866.5	3886.9	3890.0	3886.9	3866.5	3824.2	3746.2	3642.8	3374.1	3031.2
-32.5°	3381.7	3490.5	3552.6	3575.0	3552.6	3490.5	3381.7	3198.0	2942.6	2594.4	2171.0
-35°	2530.4	2673.1	2752.6	2795.0	2752.6	2673.1	2530.4	2292.8	1969.3	1599.1	1235.7
-37.5°	1448.6	1563.1	1619.3	1624.0	1619.3	1563.1	1448.6	1259.9	983.5	653.0	506.7
-40°	583.0	632.2	662.8	690.0	662.8	632.2	583.0	503.3	383.7	250.5	179.2
-42.5°	216.2	239.2	252.8	255.0	252.8	239.2	216.2	186.5	152.1	111.7	79.6
-45°	127.9	146.1	160.4	169.0	160.4	146.1	127.9	110.1	95.7	83.2	71.9
-47.5°	106.1	117.6	125.0	128.0	125.0	117.6	106.1	94.3	83.8	74.5	65.3
-50°	94.4	105.7	112.9	116.0	112.9	105.7	94.4	83.2	73.1	65.0	57.3
-52.5°	75.5	83.0	88.8	93.0	88.8	83.0	75.5	67.9	60.9	55.1	49.8
-55°	58.4	62.7	65.1	66.0	65.1	62.7	58.4	54.0	49.7	46.2	43.1
-57.5°	44.3	46.0	46.8	47.0	46.8	46.0	44.3	42.6	41.0	39.5	38.1
-60°	35.8	35.8	35.5	35.0	35.5	35.8	35.8	35.8	35.7	34.9	33.8
-62.5°	30.8	30.8	30.9	31.0	30.9	30.8	30.8	30.6	30.0	28.7	26.8
-65°	22.7	22.9	23.0	23.0	23.0	22.9	22.7	22.5	22.2	21.8	21.1
-67.5°	19.8	19.9	20.0	20.0	20.0	19.9	19.8	19.6	19.3	19.0	18.5
-70°	16.9	16.9	17.0	17.0	17.0	16.9	16.9	16.7	16.6	16.4	16.2
-72.5°	14.9	15.0	15.0	15.0	15.0	15.0	14.9	14.9	14.8	14.8	14.7
-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°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.9	11.9	11.8	11.8
-80°	10.9	11.0	11.0	11.0	11.0	11.0	10.9	10.9	10.8	10.7	10.6
-82.5°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.9	8.9	8.9
-85°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.9
-87.5°	6.9	7.0	7.0	7.0	7.0	7.0	6.9	6.9	6.8	6.8	6.7
-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: P722774 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-1R_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°	6.6	6.5	6.3	6.2	6.1	5.9	5.7	5.6	5.4	5.2	4.9
85°	7.9	7.8	7.8	7.8	7.7	7.7	7.6	7.6	7.5	7.5	7.4
82.5°	8.8	8.8	8.7	8.7	8.6	8.5	8.5	8.4	8.3	8.2	8.1
80°	10.5	10.4	10.2	10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.8
77.5°	11.7	11.6	11.5	11.4	11.3	11.2	11.1	10.9	10.6	10.3	10.0
75°	13.3	13.1	12.9	12.6	12.4	12.1	11.9	11.7	11.6	11.4	11.2
72.5°	14.6	14.5	14.3	14.2	14.0	13.8	13.4	13.0	12.7	12.2	11.9
70°	16.0	15.7	15.4	15.1	14.9	14.7	14.5	14.3	14.1	13.7	13.1
67.5°	18.0	17.6	17.2	16.9	16.5	16.1	15.6	15.1	14.8	14.6	14.1
65°	20.4	19.6	19.0	18.6	18.2	17.7	17.2	16.7	16.1	15.5	14.9
62.5°	24.9	22.9	21.7	21.0	20.3	19.5	18.8	18.2	17.6	16.8	16.0
60°	32.4	31.0	29.0	26.8	24.4	21.9	21.0	20.0	19.0	18.1	17.2
57.5°	36.7	35.5	34.3	32.9	31.5	28.8	25.8	22.8	21.2	19.8	18.4
55°	40.6	39.1	37.9	36.8	35.6	33.6	31.5	28.8	25.4	22.1	20.5
52.5°	45.1	43.0	41.2	39.5	38.2	36.8	35.2	32.9	30.6	27.3	23.6
50°	50.9	48.1	45.3	42.8	41.1	39.5	37.9	36.1	34.0	31.6	28.5
47.5°	58.2	54.2	50.5	47.3	44.8	42.6	40.8	38.7	36.7	34.7	32.1
45°	65.3	60.3	55.6	52.0	49.2	46.4	43.8	41.5	39.0	36.9	35.0
42.5°	74.2	67.3	60.7	56.8	53.2	50.1	47.3	44.6	41.9	39.0	36.7
40°	136.8	81.6	72.2	64.0	58.0	53.7	50.9	47.9	44.9	41.8	38.8
37.5°	350.1	207.0	147.0	84.0	71.5	58.8	55.0	51.4	47.9	45.0	41.9
35°	830.6	566.4	350.1	214.0	109.3	74.5	60.1	55.5	51.6	48.4	45.0
32.5°	1700.4	1234.5	764.9	497.8	245.4	112.6	71.7	60.4	56.4	52.6	48.4
30°	2604.8	2069.6	1516.9	915.1	508.7	222.3	92.4	69.6	61.9	57.5	52.3
27.5°	3295.1	2897.9	2283.8	1584.6	857.4	435.2	181.8	80.6	68.5	62.5	57.3
25°	3725.6	3435.1	2968.4	2249.1	1465.2	699.1	312.9	136.4	78.7	67.8	65.4
22.5°	3942.9	3752.6	3426.2	2891.1	2052.0	1201.9	540.9	189.4	91.4	78.0	73.4
20°	4048.0	3943.2	3721.8	3298.9	2620.8	1682.6	816.1	340.0	142.8	89.9	81.3
17.5°	4175.9	4041.7	3906.0	3638.7	3052.7	2166.8	1247.3	553.0	192.9	100.9	89.3
15°	4327.1	4143.3	4001.1	3794.7	3381.3	2649.5	1646.8	767.1	279.4	129.1	99.7
12.5°	4526.3	4260.8	4079.9	3933.4	3640.2	3002.1	2028.7	1092.2	442.9	168.0	112.7
10°	4758.5	4381.2	4147.2	3988.1	3749.1	3234.7	2346.2	1334.3	563.2	199.8	125.1
7.5°	4986.0	4489.9	4210.6	4027.6	3830.4	3398.0	2570.4	1519.4	649.5	224.1	136.8
5°	5190.6	4573.1	4254.9	4055.7	3888.4	3519.2	2723.9	1655.5	703.6	241.5	147.9
2.5°	5322.4	4644.1	4278.8	4076.0	3924.3	3592.5	2819.0	1736.3	749.1	250.9	149.8
0°	5383.0	4672.0	4300.0	4094.5	3938.0	3607.0	2865.0	1757.0	779.0	255.0	151.0
-2.5°	5322.4	4644.1	4278.8	4076.0	3924.3	3592.5	2819.0	1736.3	749.1	250.9	149.8
-5°	5190.6	4573.1	4254.9	4055.7	3888.4	3519.2	2723.9	1655.5	703.6	241.5	147.9
-7.5°	4986.0	4489.9	4210.6	4027.6	3830.4	3398.0	2570.4	1519.4	649.5	224.1	136.8
-10°	4758.5	4381.2	4147.2	3988.1	3749.1	3234.7	2346.2	1334.3	563.2	199.8	125.1
-12.5°	4526.3	4260.8	4079.9	3933.4	3640.2	3002.1	2028.7	1092.2	442.9	168.0	112.7
-15°	4327.1	4143.3	4001.1	3794.7	3381.3	2649.5	1646.8	767.1	279.4	129.1	99.7
-17.5°	4175.9	4041.7	3906.0	3638.7	3052.7	2166.8	1247.3	553.0	192.9	100.9	89.3
-20°	4048.0	3943.2	3721.8	3298.9	2620.8	1682.6	816.1	340.0	142.8	89.9	81.3



REPORT NUMBER: P722774 (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°	3942.9	3752.6	3426.2	2891.1	2052.0	1201.9	540.9	189.4	91.4	78.0	73.4
-25°	3725.6	3435.1	2968.4	2249.1	1465.2	699.1	312.9	136.4	78.7	67.8	65.4
-27.5°	3295.1	2897.9	2283.8	1584.6	857.4	435.2	181.8	80.6	68.5	62.5	57.3
-30°	2604.8	2069.6	1516.9	915.1	508.7	222.3	92.4	69.6	61.9	57.5	52.3
-32.5°	1700.4	1234.5	764.9	497.8	245.4	112.6	71.7	60.4	56.4	52.6	48.4
-35°	830.6	566.4	350.1	214.0	109.3	74.5	60.1	55.5	51.6	48.4	45.0
-37.5°	350.1	207.0	147.0	84.0	71.5	58.8	55.0	51.4	47.9	45.0	41.9
-40°	136.8	81.6	72.2	64.0	58.0	53.7	50.9	47.9	44.9	41.8	38.8
-42.5°	74.2	67.3	60.7	56.8	53.2	50.1	47.3	44.6	41.9	39.0	36.7
-45°	65.3	60.3	55.6	52.0	49.2	46.4	43.8	41.5	39.0	36.9	35.0
-47.5°	58.2	54.2	50.5	47.3	44.8	42.6	40.8	38.7	36.7	34.7	32.1
-50°	50.9	48.1	45.3	42.8	41.1	39.5	37.9	36.1	34.0	31.6	28.5
-52.5°	45.1	43.0	41.2	39.5	38.2	36.8	35.2	32.9	30.6	27.3	23.6
-55°	40.6	39.1	37.9	36.8	35.6	33.6	31.5	28.8	25.4	22.1	20.5
-57.5°	36.7	35.5	34.3	32.9	31.5	28.8	25.8	22.8	21.2	19.8	18.4
-60°	32.4	31.0	29.0	26.8	24.4	21.9	21.0	20.0	19.0	18.1	17.2
-62.5°	24.9	22.9	21.7	21.0	20.3	19.5	18.8	18.2	17.6	16.8	16.0
-65°	20.4	19.6	19.0	18.6	18.2	17.7	17.2	16.7	16.1	15.5	14.9
-67.5°	18.0	17.6	17.2	16.9	16.5	16.1	15.6	15.1	14.8	14.6	14.1
-70°	16.0	15.7	15.4	15.1	14.9	14.7	14.5	14.3	14.1	13.7	13.1
-72.5°	14.6	14.5	14.3	14.2	14.0	13.8	13.4	13.0	12.7	12.2	11.9
-75°	13.3	13.1	12.9	12.6	12.4	12.1	11.9	11.7	11.6	11.4	11.2
-77.5°	11.7	11.6	11.5	11.4	11.3	11.2	11.1	10.9	10.6	10.3	10.0
-80°	10.5	10.4	10.2	10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.8
-82.5°	8.8	8.8	8.7	8.7	8.6	8.5	8.5	8.4	8.3	8.2	8.1
-85°	7.9	7.8	7.8	7.8	7.7	7.7	7.6	7.6	7.5	7.5	7.4
-87.5°	6.6	6.5	6.3	6.2	6.1	5.9	5.7	5.6	5.4	5.2	4.9
-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: P722774 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-1R_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°	4.7	4.5	4.3	4.0	3.8	3.5	3.2	3.0	2.7	2.4	2.1
85°	7.4	7.3	7.2	7.1	7.1	7.0	6.5	5.9	5.4	4.8	4.2
82.5°	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.3	7.1	7.0	6.3
80°	8.7	8.6	8.4	8.3	8.1	8.0	7.8	7.7	7.5	7.4	7.2
77.5°	9.7	9.4	9.1	8.9	8.7	8.5	8.3	8.1	7.9	7.7	7.5
75°	11.0	10.7	10.3	9.8	9.4	9.0	8.7	8.5	8.3	8.0	7.8
72.5°	11.7	11.5	11.2	10.9	10.4	9.9	9.4	8.9	8.6	8.4	8.1
70°	12.5	12.1	11.8	11.5	11.2	10.9	10.3	9.6	9.0	8.7	8.4
67.5°	13.5	12.9	12.4	12.1	11.7	11.4	11.1	10.4	9.7	9.0	8.6
65°	14.4	13.8	13.0	12.6	12.2	11.9	11.5	11.1	10.4	9.6	8.9
62.5°	15.4	14.8	14.1	13.3	12.7	12.3	11.9	11.5	11.1	10.3	9.4
60°	16.2	15.5	15.1	14.3	13.5	12.8	12.3	11.9	11.4	10.9	9.9
57.5°	17.3	16.2	15.6	15.2	14.4	13.5	12.7	12.2	11.7	11.2	10.4
55°	18.6	17.3	16.3	15.7	15.2	14.3	13.3	12.6	12.1	11.5	10.9
52.5°	20.9	18.8	17.4	16.3	15.6	15.1	14.1	13.0	12.4	11.8	11.2
50°	24.4	20.9	18.8	17.3	16.2	15.5	14.8	13.6	12.7	12.1	11.5
47.5°	28.9	24.1	20.5	18.4	17.0	15.9	15.3	14.3	13.0	12.3	11.7
45°	32.0	28.4	23.1	19.8	17.9	16.6	15.6	14.9	13.6	12.6	11.9
42.5°	34.4	31.4	27.1	21.1	19.1	17.3	16.0	15.3	14.1	12.8	12.1
40°	36.4	33.5	30.5	24.9	20.4	18.0	16.6	15.6	14.6	13.2	12.3
37.5°	38.4	35.4	32.2	28.5	22.2	19.2	17.2	15.8	15.1	13.6	12.5
35°	41.3	37.5	34.0	30.9	25.3	20.5	17.8	16.2	15.3	14.0	12.7
32.5°	44.1	40.1	36.3	32.5	28.1	21.7	18.7	16.7	15.5	14.4	12.9
30°	47.7	43.7	38.9	34.2	30.4	24.0	19.7	17.2	15.7	14.8	13.1
27.5°	53.1	47.7	41.8	36.4	31.9	26.2	20.7	17.6	15.9	15.1	13.4
25°	59.7	52.8	45.6	38.8	33.3	28.0	21.6	18.0	16.2	15.2	13.7
22.5°	67.5	58.8	49.6	41.4	34.5	29.5	22.7	18.8	16.6	15.4	13.9
20°	75.9	65.3	54.0	44.4	36.2	30.4	24.0	19.4	16.9	15.5	14.1
17.5°	84.4	73.7	61.0	48.5	38.3	31.3	25.1	20.0	17.1	15.6	14.3
15°	94.4	84.2	68.8	53.0	40.5	32.2	25.9	20.5	17.4	15.7	14.5
12.5°	105.1	94.9	77.2	57.8	42.6	32.9	26.5	21.0	17.6	15.8	14.7
10°	115.8	105.6	85.8	62.7	44.6	33.6	26.9	21.3	17.9	15.9	14.8
7.5°	126.4	116.2	94.4	67.5	46.5	34.1	27.2	21.4	18.2	15.9	14.9
5°	135.6	124.2	100.6	70.2	47.9	34.2	27.2	21.3	18.5	16.0	14.9
2.5°	138.5	128.1	104.8	71.9	49.2	34.2	27.2	21.2	18.8	16.0	15.0
0°	141.0	131.0	108.0	73.0	50.0	34.0	27.0	21.0	19.0	16.0	15.0
-2.5°	138.5	128.1	104.8	71.9	49.2	34.2	27.2	21.2	18.8	16.0	15.0
-5°	135.6	124.2	100.6	70.2	47.9	34.2	27.2	21.3	18.5	16.0	14.9
-7.5°	126.4	116.2	94.4	67.5	46.5	34.1	27.2	21.4	18.2	15.9	14.9
-10°	115.8	105.6	85.8	62.7	44.6	33.6	26.9	21.3	17.9	15.9	14.8
-12.5°	105.1	94.9	77.2	57.8	42.6	32.9	26.5	21.0	17.6	15.8	14.7
-15°	94.4	84.2	68.8	53.0	40.5	32.2	25.9	20.5	17.4	15.7	14.5
-17.5°	84.4	73.7	61.0	48.5	38.3	31.3	25.1	20.0	17.1	15.6	14.3
-20°	75.9	65.3	54.0	44.4	36.2	30.4	24.0	19.4	16.9	15.5	14.1



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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°	67.5	58.8	49.6	41.4	34.5	29.5	22.7	18.8	16.6	15.4	13.9
-25°	59.7	52.8	45.6	38.8	33.3	28.0	21.6	18.0	16.2	15.2	13.7
-27.5°	53.1	47.7	41.8	36.4	31.9	26.2	20.7	17.6	15.9	15.1	13.4
-30°	47.7	43.7	38.9	34.2	30.4	24.0	19.7	17.2	15.7	14.8	13.1
-32.5°	44.1	40.1	36.3	32.5	28.1	21.7	18.7	16.7	15.5	14.4	12.9
-35°	41.3	37.5	34.0	30.9	25.3	20.5	17.8	16.2	15.3	14.0	12.7
-37.5°	38.4	35.4	32.2	28.5	22.2	19.2	17.2	15.8	15.1	13.6	12.5
-40°	36.4	33.5	30.5	24.9	20.4	18.0	16.6	15.6	14.6	13.2	12.3
-42.5°	34.4	31.4	27.1	21.1	19.1	17.3	16.0	15.3	14.1	12.8	12.1
-45°	32.0	28.4	23.1	19.8	17.9	16.6	15.6	14.9	13.6	12.6	11.9
-47.5°	28.9	24.1	20.5	18.4	17.0	15.9	15.3	14.3	13.0	12.3	11.7
-50°	24.4	20.9	18.8	17.3	16.2	15.5	14.8	13.6	12.7	12.1	11.5
-52.5°	20.9	18.8	17.4	16.3	15.6	15.1	14.1	13.0	12.4	11.8	11.2
-55°	18.6	17.3	16.3	15.7	15.2	14.3	13.3	12.6	12.1	11.5	10.9
-57.5°	17.3	16.2	15.6	15.2	14.4	13.5	12.7	12.2	11.7	11.2	10.4
-60°	16.2	15.5	15.1	14.3	13.5	12.8	12.3	11.9	11.4	10.9	9.9
-62.5°	15.4	14.8	14.1	13.3	12.7	12.3	11.9	11.5	11.1	10.3	9.4
-65°	14.4	13.8	13.0	12.6	12.2	11.9	11.5	11.1	10.4	9.6	8.9
-67.5°	13.5	12.9	12.4	12.1	11.7	11.4	11.1	10.4	9.7	9.0	8.6
-70°	12.5	12.1	11.8	11.5	11.2	10.9	10.3	9.6	9.0	8.7	8.4
-72.5°	11.7	11.5	11.2	10.9	10.4	9.9	9.4	8.9	8.6	8.4	8.1
-75°	11.0	10.7	10.3	9.8	9.4	9.0	8.7	8.5	8.3	8.0	7.8
-77.5°	9.7	9.4	9.1	8.9	8.7	8.5	8.3	8.1	7.9	7.7	7.5
-80°	8.7	8.6	8.4	8.3	8.1	8.0	7.8	7.7	7.5	7.4	7.2
-82.5°	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.3	7.1	7.0	6.3
-85°	7.4	7.3	7.2	7.1	7.1	7.0	6.5	5.9	5.4	4.8	4.2
-87.5°	4.7	4.5	4.3	4.0	3.8	3.5	3.2	3.0	2.7	2.4	2.1
-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°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
85°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
82.5°	5.4	4.5	3.6	2.7	1.8	0.9	0.0
80°	7.0	6.0	4.8	3.6	2.4	1.2	0.0
77.5°	7.3	7.1	6.0	4.5	3.0	1.5	0.0
75°	7.5	7.3	7.0	5.4	3.6	1.8	0.0
72.5°	7.8	7.5	7.2	6.3	4.2	2.1	0.0
70°	8.0	7.7	7.4	7.0	4.8	2.4	0.0
67.5°	8.3	7.9	7.5	7.1	5.4	2.7	0.0
65°	8.5	8.1	7.7	7.3	5.9	3.0	0.0
62.5°	8.7	8.3	7.8	7.4	6.5	3.2	0.0
60°	9.0	8.5	8.0	7.5	7.0	3.5	0.0
57.5°	9.4	8.7	8.1	7.6	7.1	3.8	0.0
55°	9.8	8.9	8.3	7.7	7.1	4.0	0.0
52.5°	10.3	9.1	8.4	7.8	7.2	4.3	0.0
50°	10.7	9.4	8.6	7.9	7.3	4.5	0.0
47.5°	11.0	9.7	8.7	8.0	7.4	4.7	0.0
45°	11.2	10.0	8.8	8.1	7.4	4.9	0.0
42.5°	11.4	10.3	8.9	8.2	7.5	5.2	0.0
40°	11.6	10.6	9.1	8.3	7.5	5.4	0.0
37.5°	11.7	10.9	9.3	8.4	7.6	5.6	0.0
35°	11.9	11.1	9.5	8.5	7.6	5.7	0.0
32.5°	12.0	11.2	9.7	8.5	7.7	5.9	0.0
30°	12.2	11.3	9.9	8.6	7.7	6.1	0.0
27.5°	12.3	11.4	10.1	8.7	7.8	6.2	0.0
25°	12.4	11.5	10.2	8.7	7.8	6.3	0.0
22.5°	12.5	11.6	10.4	8.8	7.8	6.5	0.0
20°	12.6	11.7	10.5	8.8	7.9	6.6	0.0
17.5°	12.7	11.8	10.6	8.9	7.9	6.7	0.0
15°	12.8	11.8	10.7	8.9	7.9	6.8	0.0
12.5°	12.9	11.9	10.8	8.9	8.0	6.8	0.0
10°	12.9	11.9	10.9	9.0	8.0	6.9	0.0
7.5°	12.9	12.0	10.9	9.0	8.0	6.9	0.0
5°	13.0	12.0	11.0	9.0	8.0	7.0	0.0
2.5°	13.0	12.0	11.0	9.0	8.0	7.0	0.0
0°	13.0	12.0	11.0	9.0	8.0	7.0	0.0
-2.5°	13.0	12.0	11.0	9.0	8.0	7.0	0.0
-5°	13.0	12.0	11.0	9.0	8.0	7.0	0.0
-7.5°	12.9	12.0	10.9	9.0	8.0	6.9	0.0
-10°	12.9	11.9	10.9	9.0	8.0	6.9	0.0
-12.5°	12.9	11.9	10.8	8.9	8.0	6.8	0.0
-15°	12.8	11.8	10.7	8.9	7.9	6.8	0.0
-17.5°	12.7	11.8	10.6	8.9	7.9	6.7	0.0
-20°	12.6	11.7	10.5	8.8	7.9	6.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	12.5	11.6	10.4	8.8	7.8	6.5	0.0
-25°	12.4	11.5	10.2	8.7	7.8	6.3	0.0
-27.5°	12.3	11.4	10.1	8.7	7.8	6.2	0.0
-30°	12.2	11.3	9.9	8.6	7.7	6.1	0.0
-32.5°	12.0	11.2	9.7	8.5	7.7	5.9	0.0
-35°	11.9	11.1	9.5	8.5	7.6	5.7	0.0
-37.5°	11.7	10.9	9.3	8.4	7.6	5.6	0.0
-40°	11.6	10.6	9.1	8.3	7.5	5.4	0.0
-42.5°	11.4	10.3	8.9	8.2	7.5	5.2	0.0
-45°	11.2	10.0	8.8	8.1	7.4	4.9	0.0
-47.5°	11.0	9.7	8.7	8.0	7.4	4.7	0.0
-50°	10.7	9.4	8.6	7.9	7.3	4.5	0.0
-52.5°	10.3	9.1	8.4	7.8	7.2	4.3	0.0
-55°	9.8	8.9	8.3	7.7	7.1	4.0	0.0
-57.5°	9.4	8.7	8.1	7.6	7.1	3.8	0.0
-60°	9.0	8.5	8.0	7.5	7.0	3.5	0.0
-62.5°	8.7	8.3	7.8	7.4	6.5	3.2	0.0
-65°	8.5	8.1	7.7	7.3	5.9	3.0	0.0
-67.5°	8.3	7.9	7.5	7.1	5.4	2.7	0.0
-70°	8.0	7.7	7.4	7.0	4.8	2.4	0.0
-72.5°	7.8	7.5	7.2	6.3	4.2	2.1	0.0
-75°	7.5	7.3	7.0	5.4	3.6	1.8	0.0
-77.5°	7.3	7.1	6.0	4.5	3.0	1.5	0.0
-80°	7.0	6.0	4.8	3.6	2.4	1.2	0.0
-82.5°	5.4	4.5	3.6	2.7	1.8	0.9	0.0
-85°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
-87.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)