

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: P722785 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-16-720PL-RGB-4S_BLUE-ONLY**

Issue Date: 11/1/2023

Test Information

Test Method: LM-79-08
Report Number: P722785 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2308-140-15)
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-4S_BLUE-ONLY
Description: LUMASPORT 16 PRISM RGB
Light Source: -
Ballast/Driver: -

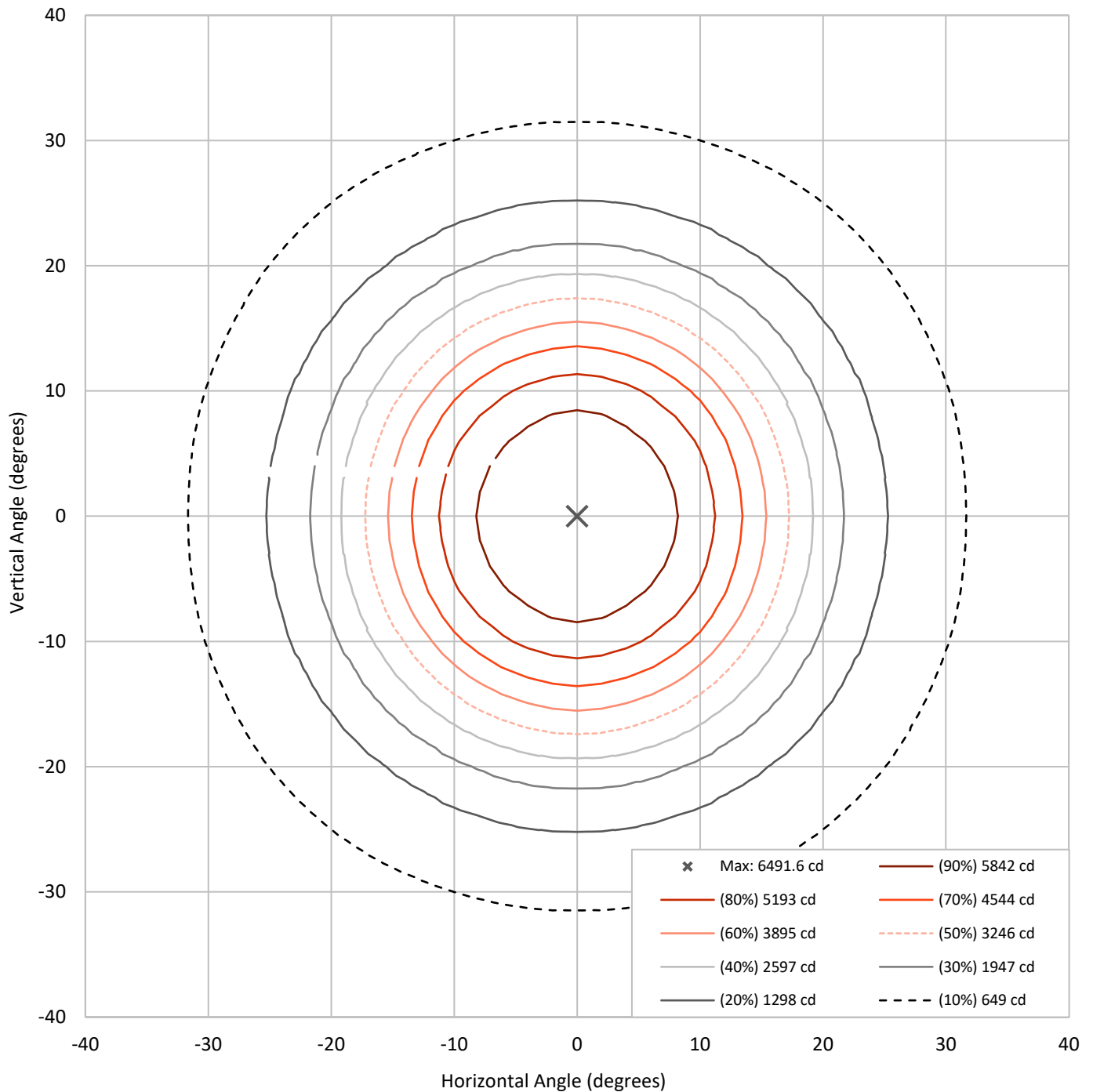
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	2723 lumens	Max Intensity:	6491.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	13.2 lumens/watt		
Luminous Opening:	Circular (Dia: 1.67' x H: 0')		
Beam Angle (50%):	34.4°H x 34.8°V	Field Angle (10%):	63.3°H x 63°V
Beam Lumens:	1376.4 lumens	Field Lumens:	2355.1 lumens
Beam Efficiency:	50.5%	Field Efficiency:	86.5%
Input Watts (W):	206.1		
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: P722785 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-LS-16-720PL-RGB-4S_BLUE-ONLY

Iso-Candela Plot





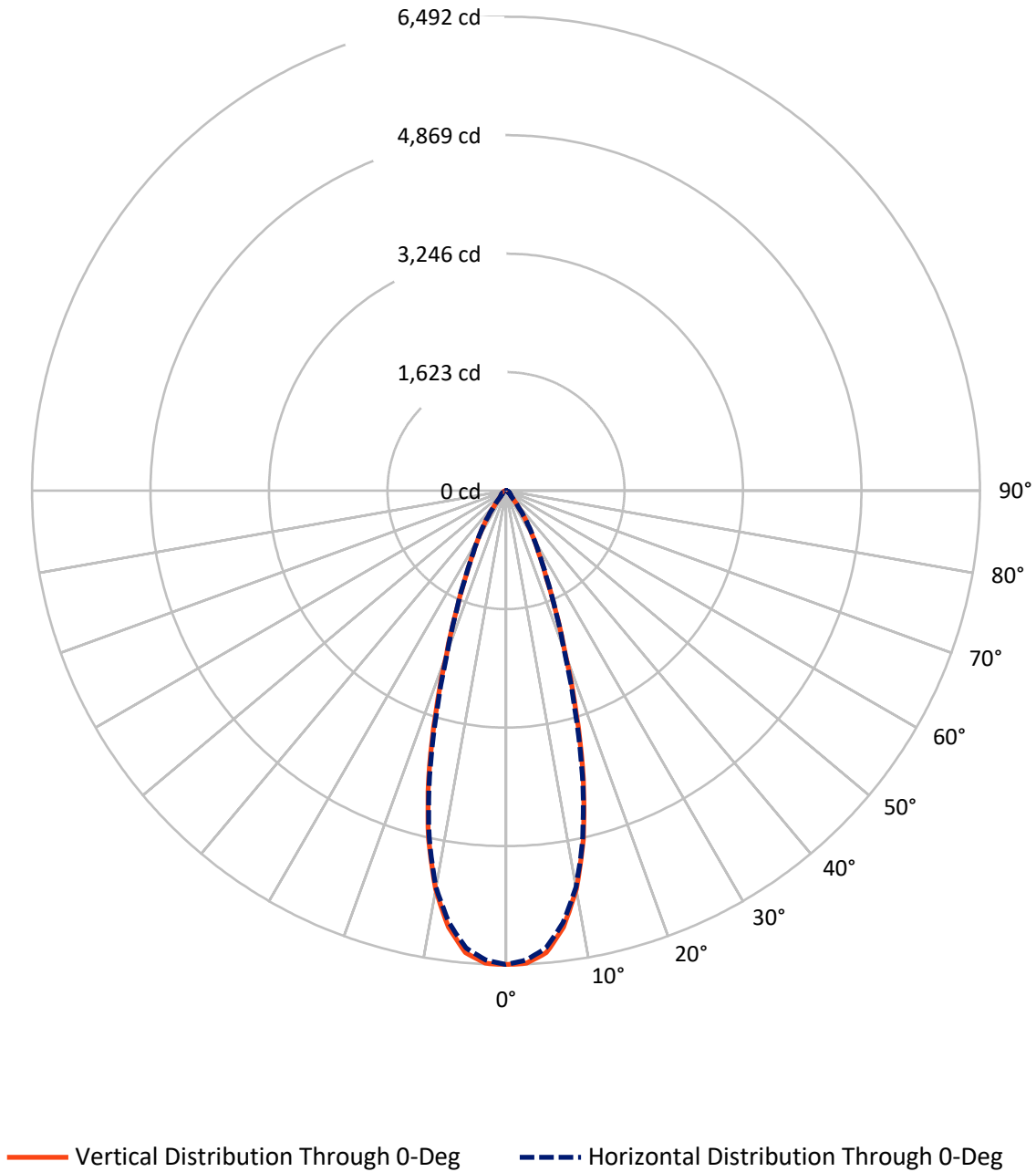
REPORT NUMBER: P722785 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-4S_BLUE-ONLY

Lumen Table

90	0.0	0.1	0.2	0.3	0.4	0.3	0.2	0.1	0.0										
80	0.0	0.1	0.2	0.3	0.4	0.3	0.2	0.1	0.0										
70	0.0	0.0	0.1	0.2	0.4	0.6	0.7	0.8	0.8	0.7	0.6	0.4	0.2	0.1	0.0	0.0			
60		0.1	0.2	0.5	0.9	1.3	1.6	1.7	1.7	1.6	1.3	0.9	0.5	0.2	0.1				
50	0.1	0.1	0.4	0.9	1.5	2.1	2.6	3.1	3.1	2.6	2.1	1.5	0.9	0.4	0.1	0.1			
40		0.2	0.6	1.3	2.1	4.0	8.5	12.4	12.4	8.5	4.0	2.1	1.3	0.6	0.2				
30	0.1	0.3	0.8	1.6	3.6	12.3	26.1	39.7	39.7	26.1	12.3	3.6	1.6	0.8	0.3	0.1			
20		0.3	0.9	1.9	7.3	24.8	63.5	111.9	111.9	63.5	24.8	7.3	1.9	0.9	0.3				
10	0.1	0.4	1.0	2.2	10.5	36.3	108.0	177.2	177.2	108.0	36.3	10.5	2.2	1.0	0.4	0.1			
0		0.4	1.0	2.2	10.5	36.3	108.0	177.2	177.2	108.0	36.3	10.5	2.2	1.0	0.4				
-10	0.1	0.3	0.9	1.9	7.3	24.8	63.5	111.9	111.9	63.5	24.8	7.3	1.9	0.9	0.3	0.1			
-20		0.3	0.8	1.6	3.6	12.3	26.1	39.7	39.7	26.1	12.3	3.6	1.6	0.8	0.3				
-30	0.1	0.2	0.6	1.3	2.1	4.0	8.5	12.4	12.4	8.5	4.0	2.1	1.3	0.6	0.2	0.1			
-40		0.1	0.4	0.9	1.5	2.1	2.6	3.1	3.1	2.6	2.1	1.5	0.9	0.4	0.1				
-50	0.0	0.1	0.2	0.5	0.9	1.3	1.6	1.7	1.7	1.6	1.3	0.9	0.5	0.2	0.1	0.0			
-60		0.0	0.1	0.2	0.4	0.6	0.7	0.8	0.8	0.7	0.6	0.4	0.2	0.1	0.0				
-70	0.0	0.1	0.2	0.5	0.9	1.3	1.6	1.7	1.7	1.6	1.3	0.9	0.5	0.2	0.1	0.0			
-80		0.0	0.1	0.2	0.4	0.6	0.7	0.8	0.8	0.7	0.6	0.4	0.2	0.1	0.0				
-90	0.0	0.1	0.2	0.3	0.4	0.3	0.2	0.1	0.0										

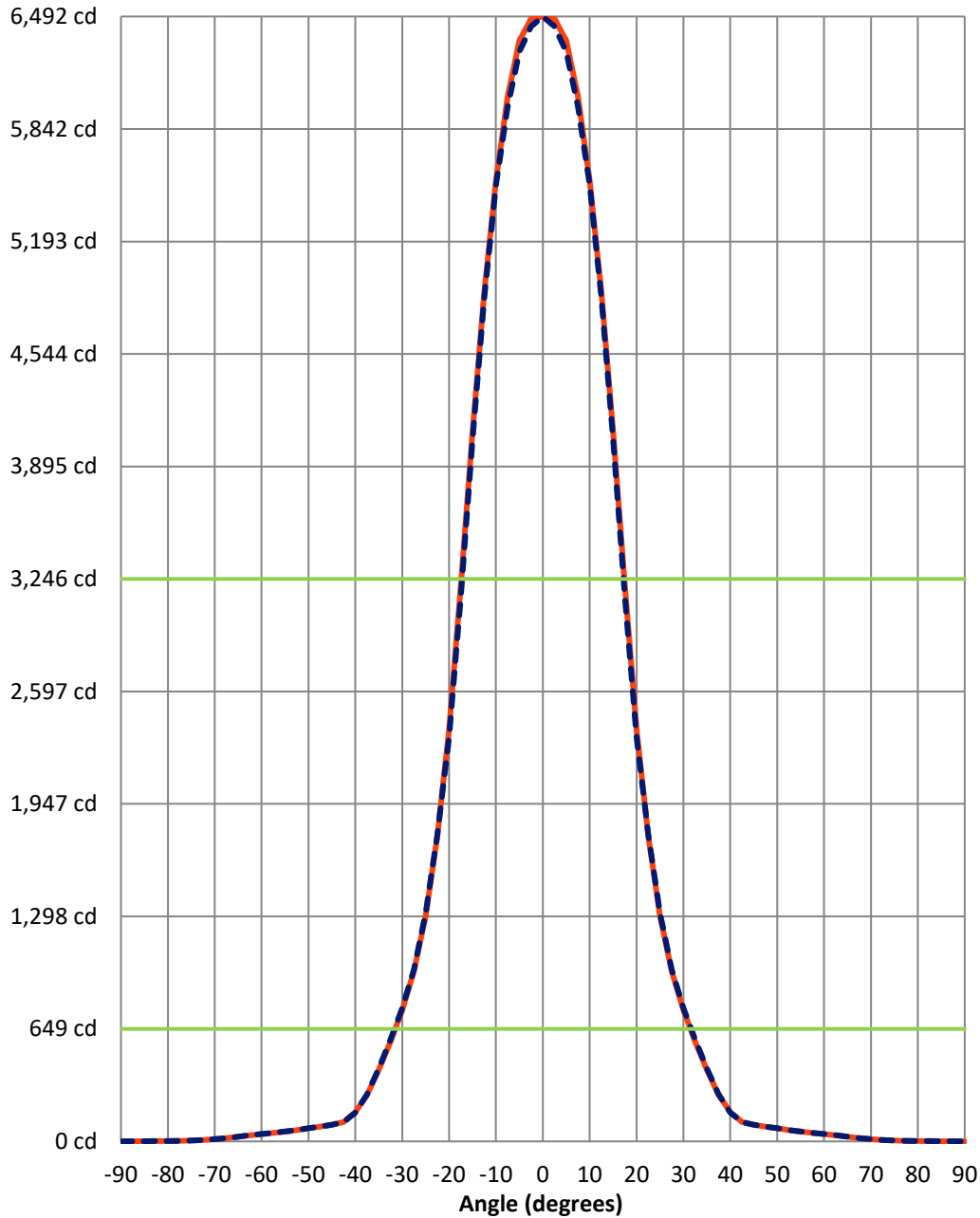
REPORT NUMBER: P722785 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-16-720PL-RGB-4S_BLUE-ONLY

Luminous Intensity Polar Plot



REPORT NUMBER: P722785 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-16-720PL-RGB-4S_BLUE-ONLY

Luminous Intensity Plot



Beam:
H Angle: 34.4°
V Angle: 34.8°
Lumens: 1376.4
Efficiency: 50.5%

Field:
H Angle: 63.3°
V Angle: 63°
Lumens: 2355.1
Efficiency: 86.5%

Spill:
Lumens: 367.9
Efficiency: 13.5%

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



REPORT NUMBER: P722785 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-4S_BLUE-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	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
82.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.0	1.0
80°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.0	1.0	1.0	1.0
77.5°	0.0	0.2	0.4	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.1
75°	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.3	1.5
72.5°	0.0	0.3	0.6	0.9	1.0	1.0	1.0	1.1	1.4	1.6	1.9
70°	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.4	1.7	2.0	2.0
67.5°	0.0	0.4	0.8	1.0	1.0	1.0	1.3	1.6	2.0	2.0	2.0
65°	0.0	0.4	0.8	1.0	1.0	1.1	1.5	1.9	2.0	2.0	2.1
62.5°	0.0	0.5	0.9	1.0	1.0	1.3	1.7	2.0	2.0	2.1	2.5
60°	0.0	0.5	1.0	1.0	1.0	1.5	2.0	2.0	2.0	2.4	2.9
57.5°	0.0	0.5	1.0	1.0	1.1	1.7	2.0	2.0	2.2	2.7	3.5
55°	0.0	0.6	1.0	1.0	1.3	1.9	2.0	2.0	2.5	3.1	4.2
52.5°	0.0	0.6	1.0	1.0	1.4	2.0	2.0	2.2	2.8	3.8	4.9
50°	0.0	0.6	1.0	1.0	1.6	2.0	2.0	2.5	3.2	4.4	5.9
47.5°	0.0	0.7	1.0	1.0	1.7	2.0	2.0	2.7	3.7	5.0	6.9
45°	0.0	0.7	1.0	1.1	1.8	2.0	2.2	2.9	4.2	5.8	7.9
42.5°	0.0	0.7	1.0	1.2	1.9	2.0	2.4	3.2	4.7	6.7	9.5
40°	0.0	0.8	1.0	1.3	2.0	2.0	2.6	3.7	5.2	7.5	11.2
37.5°	0.0	0.8	1.0	1.4	2.0	2.0	2.7	4.0	5.9	8.4	12.9
35°	0.0	0.8	1.0	1.5	2.0	2.1	2.9	4.4	6.5	9.8	14.6
32.5°	0.0	0.8	1.0	1.5	2.0	2.2	3.1	4.8	7.1	11.1	16.0
30°	0.0	0.9	1.0	1.6	2.0	2.3	3.4	5.1	7.7	12.2	17.3
27.5°	0.0	0.9	1.0	1.7	2.0	2.4	3.6	5.6	8.4	13.2	18.6
25°	0.0	0.9	1.0	1.7	2.0	2.5	3.9	6.0	9.2	14.2	19.7
22.5°	0.0	0.9	1.0	1.8	2.0	2.6	4.1	6.4	9.9	15.1	21.0
20°	0.0	0.9	1.0	1.8	2.0	2.7	4.3	6.7	10.6	15.9	22.1
17.5°	0.0	1.0	1.0	1.9	2.0	2.8	4.4	7.0	11.2	16.6	23.2
15°	0.0	1.0	1.0	1.9	2.0	2.8	4.6	7.3	11.6	17.2	24.2
12.5°	0.0	1.0	1.0	1.9	2.0	2.9	4.7	7.5	12.0	17.7	25.0
10°	0.0	1.0	1.0	2.0	2.0	2.9	4.8	7.7	12.4	18.1	25.7
7.5°	0.0	1.0	1.0	2.0	2.0	3.0	4.9	7.8	12.6	18.5	26.3
5°	0.0	1.0	1.0	2.0	2.0	3.0	5.0	7.9	12.8	18.8	26.7
2.5°	0.0	1.0	1.0	2.0	2.0	3.0	5.0	8.0	13.0	18.9	26.9
0°	0.0	1.0	1.0	2.0	2.0	3.0	5.0	8.0	13.0	19.0	27.0
-2.5°	0.0	1.0	1.0	2.0	2.0	3.0	5.0	8.0	13.0	18.9	26.9
-5°	0.0	1.0	1.0	2.0	2.0	3.0	5.0	7.9	12.8	18.8	26.7
-7.5°	0.0	1.0	1.0	2.0	2.0	3.0	4.9	7.8	12.6	18.5	26.3
-10°	0.0	1.0	1.0	2.0	2.0	2.9	4.8	7.7	12.4	18.1	25.7
-12.5°	0.0	1.0	1.0	1.9	2.0	2.9	4.7	7.5	12.0	17.7	25.0
-15°	0.0	1.0	1.0	1.9	2.0	2.8	4.6	7.3	11.6	17.2	24.2
-17.5°	0.0	1.0	1.0	1.9	2.0	2.8	4.4	7.0	11.2	16.6	23.2
-20°	0.0	0.9	1.0	1.8	2.0	2.7	4.3	6.7	10.6	15.9	22.1



REPORT NUMBER: P722785 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-4S_BLUE-ONLY

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.9	1.0	1.8	2.0	2.6	4.1	6.4	9.9	15.1	21.0
-25°	0.0	0.9	1.0	1.7	2.0	2.5	3.9	6.0	9.2	14.2	19.7
-27.5°	0.0	0.9	1.0	1.7	2.0	2.4	3.6	5.6	8.4	13.2	18.6
-30°	0.0	0.9	1.0	1.6	2.0	2.3	3.4	5.1	7.7	12.2	17.3
-32.5°	0.0	0.8	1.0	1.5	2.0	2.2	3.1	4.8	7.1	11.1	16.0
-35°	0.0	0.8	1.0	1.5	2.0	2.1	2.9	4.4	6.5	9.8	14.6
-37.5°	0.0	0.8	1.0	1.4	2.0	2.0	2.7	4.0	5.9	8.4	12.9
-40°	0.0	0.8	1.0	1.3	2.0	2.0	2.6	3.7	5.2	7.5	11.2
-42.5°	0.0	0.7	1.0	1.2	1.9	2.0	2.4	3.2	4.7	6.7	9.5
-45°	0.0	0.7	1.0	1.1	1.8	2.0	2.2	2.9	4.2	5.8	7.9
-47.5°	0.0	0.7	1.0	1.0	1.7	2.0	2.0	2.7	3.7	5.0	6.9
-50°	0.0	0.6	1.0	1.0	1.6	2.0	2.0	2.5	3.2	4.4	5.9
-52.5°	0.0	0.6	1.0	1.0	1.4	2.0	2.0	2.2	2.8	3.8	4.9
-55°	0.0	0.6	1.0	1.0	1.3	1.9	2.0	2.0	2.5	3.1	4.2
-57.5°	0.0	0.5	1.0	1.0	1.1	1.7	2.0	2.0	2.2	2.7	3.5
-60°	0.0	0.5	1.0	1.0	1.0	1.5	2.0	2.0	2.0	2.4	2.9
-62.5°	0.0	0.5	0.9	1.0	1.0	1.3	1.7	2.0	2.0	2.1	2.5
-65°	0.0	0.4	0.8	1.0	1.0	1.1	1.5	1.9	2.0	2.0	2.1
-67.5°	0.0	0.4	0.8	1.0	1.0	1.0	1.3	1.6	2.0	2.0	2.0
-70°	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.4	1.7	2.0	2.0
-72.5°	0.0	0.3	0.6	0.9	1.0	1.0	1.0	1.1	1.4	1.6	1.9
-75°	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.3	1.5
-77.5°	0.0	0.2	0.4	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.1
-80°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.0	1.0	1.0	1.0
-82.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.0	1.0
-85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722785 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-4S_BLUE-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°	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8
85°	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.3	1.4
80°	1.0	1.0	1.1	1.3	1.4	1.6	1.7	1.8	1.9	2.0	2.0
77.5°	1.3	1.5	1.7	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0
75°	1.7	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.4	2.6	2.7
72.5°	2.0	2.0	2.0	2.0	2.2	2.5	2.7	2.9	3.2	3.7	4.0
70°	2.0	2.0	2.2	2.5	2.8	3.2	3.7	4.2	4.7	5.2	5.9
67.5°	2.1	2.4	2.7	3.1	3.8	4.4	5.0	5.8	6.7	7.5	8.3
65°	2.5	2.9	3.5	4.2	4.9	5.9	6.9	7.9	9.3	10.8	12.2
62.5°	2.9	3.7	4.5	5.4	6.6	7.7	9.4	11.1	12.8	15.0	17.2
60°	3.7	4.6	5.7	7.0	8.4	10.5	12.5	15.0	17.6	20.1	22.7
57.5°	4.5	5.7	7.1	8.9	11.2	13.6	16.6	19.5	22.7	25.8	28.5
55°	5.4	7.0	8.9	11.4	14.2	17.6	21.0	24.6	28.1	31.4	34.6
52.5°	6.6	8.4	11.2	14.2	17.9	21.7	25.7	29.6	33.3	36.9	40.4
50°	7.7	10.6	13.6	17.6	21.6	25.9	30.4	34.5	38.5	42.4	45.6
47.5°	9.5	12.7	16.6	20.9	25.3	30.1	34.9	39.3	43.6	46.8	49.8
45°	11.4	15.2	19.5	24.1	29.1	34.4	39.2	44.0	47.4	51.0	55.2
42.5°	13.3	17.7	22.3	27.1	33.1	38.4	43.3	47.4	51.4	56.0	60.6
40°	15.5	20.1	25.1	30.8	36.8	41.9	46.6	51.0	56.0	61.0	65.8
37.5°	17.5	22.4	27.8	34.3	39.9	45.0	49.8	55.2	60.6	65.8	72.0
35°	19.3	24.7	30.8	37.2	42.7	48.0	53.5	59.3	64.9	71.5	77.9
32.5°	21.2	26.8	33.5	39.8	45.5	51.1	57.2	63.2	69.8	76.9	83.2
30°	23.0	29.1	36.0	42.3	48.1	54.2	60.6	67.0	74.7	81.6	89.3
27.5°	24.7	31.3	38.2	44.6	50.6	57.2	63.8	71.4	79.0	86.5	95.7
25°	26.2	33.3	40.3	46.7	53.2	60.0	67.0	75.4	82.9	92.1	103.1
22.5°	27.8	35.3	42.3	48.6	55.5	62.6	70.5	78.8	87.0	97.3	110.1
20°	29.4	37.0	43.9	50.2	57.6	64.9	73.6	81.9	91.3	103.0	127.1
17.5°	30.9	38.5	45.2	51.8	59.4	67.2	76.4	84.7	94.9	108.1	147.7
15°	32.2	39.7	46.3	53.2	60.9	69.3	78.6	87.6	98.5	116.1	166.5
12.5°	33.4	40.7	47.1	54.3	62.1	71.3	80.6	90.2	102.3	130.6	199.5
10°	34.4	41.6	47.8	55.3	63.1	72.9	82.1	92.5	105.5	142.8	227.2
7.5°	35.1	42.2	48.3	55.9	63.9	74.2	83.4	94.5	108.0	152.5	248.9
5°	35.6	42.6	48.7	56.5	64.5	75.2	84.3	96.0	109.7	159.4	264.4
2.5°	35.9	42.9	48.9	56.9	64.9	75.8	84.8	96.2	110.7	164.0	272.1
0°	36.0	43.0	49.0	57.0	65.0	76.0	85.0	96.0	111.0	166.0	272.0
-2.5°	35.9	42.9	48.9	56.9	64.9	75.8	84.8	96.2	110.7	164.0	272.1
-5°	35.6	42.6	48.7	56.5	64.5	75.2	84.3	96.0	109.7	159.4	264.4
-7.5°	35.1	42.2	48.3	55.9	63.9	74.2	83.4	94.5	108.0	152.5	248.9
-10°	34.4	41.6	47.8	55.3	63.1	72.9	82.1	92.5	105.5	142.8	227.2
-12.5°	33.4	40.7	47.1	54.3	62.1	71.3	80.6	90.2	102.3	130.6	199.5
-15°	32.2	39.7	46.3	53.2	60.9	69.3	78.6	87.6	98.5	116.1	166.5
-17.5°	30.9	38.5	45.2	51.8	59.4	67.2	76.4	84.7	94.9	108.1	147.7
-20°	29.4	37.0	43.9	50.2	57.6	64.9	73.6	81.9	91.3	103.0	127.1



REPORT NUMBER: P722785 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-4S_BLUE-ONLY

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	27.8	35.3	42.3	48.6	55.5	62.6	70.5	78.8	87.0	97.3	110.1
-25°	26.2	33.3	40.3	46.7	53.2	60.0	67.0	75.4	82.9	92.1	103.1
-27.5°	24.7	31.3	38.2	44.6	50.6	57.2	63.8	71.4	79.0	86.5	95.7
-30°	23.0	29.1	36.0	42.3	48.1	54.2	60.6	67.0	74.7	81.6	89.3
-32.5°	21.2	26.8	33.5	39.8	45.5	51.1	57.2	63.2	69.8	76.9	83.2
-35°	19.3	24.7	30.8	37.2	42.7	48.0	53.5	59.3	64.9	71.5	77.9
-37.5°	17.5	22.4	27.8	34.3	39.9	45.0	49.8	55.2	60.6	65.8	72.0
-40°	15.5	20.1	25.1	30.8	36.8	41.9	46.6	51.0	56.0	61.0	65.8
-42.5°	13.3	17.7	22.3	27.1	33.1	38.4	43.3	47.4	51.4	56.0	60.6
-45°	11.4	15.2	19.5	24.1	29.1	34.4	39.2	44.0	47.4	51.0	55.2
-47.5°	9.5	12.7	16.6	20.9	25.3	30.1	34.9	39.3	43.6	46.8	49.8
-50°	7.7	10.6	13.6	17.6	21.6	25.9	30.4	34.5	38.5	42.4	45.6
-52.5°	6.6	8.4	11.2	14.2	17.9	21.7	25.7	29.6	33.3	36.9	40.4
-55°	5.4	7.0	8.9	11.4	14.2	17.6	21.0	24.6	28.1	31.4	34.6
-57.5°	4.5	5.7	7.1	8.9	11.2	13.6	16.6	19.5	22.7	25.8	28.5
-60°	3.7	4.6	5.7	7.0	8.4	10.5	12.5	15.0	17.6	20.1	22.7
-62.5°	2.9	3.7	4.5	5.4	6.6	7.7	9.4	11.1	12.8	15.0	17.2
-65°	2.5	2.9	3.5	4.2	4.9	5.9	6.9	7.9	9.3	10.8	12.2
-67.5°	2.1	2.4	2.7	3.1	3.8	4.4	5.0	5.8	6.7	7.5	8.3
-70°	2.0	2.0	2.2	2.5	2.8	3.2	3.7	4.2	4.7	5.2	5.9
-72.5°	2.0	2.0	2.0	2.0	2.2	2.5	2.7	2.9	3.2	3.7	4.0
-75°	1.7	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.4	2.6	2.7
-77.5°	1.3	1.5	1.7	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-80°	1.0	1.0	1.1	1.3	1.4	1.6	1.7	1.8	1.9	2.0	2.0
-82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.3	1.4
-85°	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-87.5°	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	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: P722785 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-4S_BLUE-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°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
82.5°	1.5	1.5	1.6	1.7	1.7	1.8	1.8	1.9	1.9	1.9	2.0
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
77.5°	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.8	2.9	2.9
75°	2.9	3.1	3.4	3.6	3.9	4.1	4.3	4.4	4.6	4.7	4.8
72.5°	4.4	4.8	5.1	5.6	6.0	6.4	6.7	7.0	7.3	7.5	7.7
70°	6.5	7.1	7.7	8.3	9.1	9.8	10.5	11.1	11.6	12.0	12.4
67.5°	9.5	10.7	11.7	12.7	13.8	15.0	16.0	16.9	17.7	18.4	19.0
65°	13.7	15.5	17.1	18.6	20.1	21.5	22.8	23.8	24.6	25.2	25.9
62.5°	19.2	21.2	23.1	25.0	26.9	28.8	29.9	30.8	31.5	32.1	33.0
60°	25.0	27.0	29.5	32.0	34.2	36.0	37.1	38.1	39.2	40.2	41.0
57.5°	31.3	34.1	36.6	38.7	40.6	42.3	43.8	45.0	46.0	46.9	47.6
55°	37.6	40.2	42.4	44.6	46.4	47.9	49.4	51.3	52.8	54.0	55.1
52.5°	43.4	45.7	48.1	50.4	52.9	55.3	57.6	59.2	60.6	61.7	62.9
50°	48.2	51.1	54.2	57.2	60.0	62.6	64.9	67.0	69.2	71.1	72.8
47.5°	53.5	57.2	60.6	63.8	67.0	70.5	73.6	76.4	78.6	80.6	82.1
45°	59.3	63.2	67.0	71.4	75.4	78.8	81.9	84.7	87.7	90.2	92.2
42.5°	64.9	69.8	74.7	79.0	82.9	87.1	91.5	95.5	99.1	102.5	105.4
40°	71.5	76.9	81.6	86.4	92.0	97.3	103.4	108.7	117.1	132.5	144.7
37.5°	77.9	83.2	89.0	95.2	103.2	110.6	128.1	151.0	172.5	201.6	226.6
35°	83.7	90.4	97.4	107.5	122.3	147.9	180.9	226.3	265.0	307.8	345.6
32.5°	90.6	98.9	109.9	132.2	160.8	216.5	269.7	333.8	391.5	443.4	488.6
30°	98.2	110.0	135.9	172.0	240.6	311.8	388.1	463.5	532.3	592.2	650.0
27.5°	107.7	133.2	173.3	248.8	334.1	421.2	516.1	604.7	685.7	758.9	830.8
25°	122.4	162.9	240.6	334.5	435.2	541.0	648.9	749.5	847.5	953.6	1051.1
22.5°	148.6	217.4	312.8	425.6	544.5	665.3	786.0	913.3	1046.8	1217.4	1399.1
20°	180.2	270.3	391.5	520.2	652.9	787.3	939.6	1113.9	1345.8	1592.2	1819.1
17.5°	225.2	335.5	466.9	606.6	754.9	917.9	1121.1	1399.0	1692.9	2009.5	2350.1
15°	266.6	395.6	537.0	692.8	856.0	1067.4	1355.8	1693.3	2085.2	2550.4	3031.4
12.5°	312.0	450.7	605.0	771.6	965.0	1229.8	1590.0	2008.4	2543.3	3139.9	3720.6
10°	351.1	502.0	667.3	842.7	1070.9	1399.8	1821.5	2343.7	2998.9	3699.6	4388.9
7.5°	380.3	540.4	714.2	906.1	1160.0	1540.4	2031.5	2651.1	3436.8	4237.4	4907.6
5°	400.6	567.2	747.4	951.2	1240.9	1649.2	2202.3	2910.8	3768.9	4598.0	5246.6
2.5°	413.7	582.9	767.2	982.7	1295.9	1737.7	2315.0	3101.6	3977.9	4802.9	5426.7
0°	421.0	588.0	769.0	992.4	1317.9	1769.9	2332.9	3142.8	4046.7	4863.7	5516.6
-2.5°	413.7	582.9	767.2	982.7	1295.9	1737.7	2315.0	3101.6	3977.9	4802.9	5426.7
-5°	400.6	567.2	747.4	951.2	1240.9	1649.2	2202.3	2910.8	3768.9	4598.0	5246.6
-7.5°	380.3	540.4	714.2	906.1	1160.0	1540.4	2031.5	2651.1	3436.8	4237.4	4907.6
-10°	351.1	502.0	667.3	842.7	1070.9	1399.8	1821.5	2343.7	2998.9	3699.6	4388.9
-12.5°	312.0	450.7	605.0	771.6	965.0	1229.8	1590.0	2008.4	2543.3	3139.9	3720.6
-15°	266.6	395.6	537.0	692.8	856.0	1067.4	1355.8	1693.3	2085.2	2550.4	3031.4
-17.5°	225.2	335.5	466.9	606.6	754.9	917.9	1121.1	1399.0	1692.9	2009.5	2350.1
-20°	180.2	270.3	391.5	520.2	652.9	787.3	939.6	1113.9	1345.8	1592.2	1819.1



REPORT NUMBER: P722785 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-4S_BLUE-ONLY

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	148.6	217.4	312.8	425.6	544.5	665.3	786.0	913.3	1046.8	1217.4	1399.1
-25°	122.4	162.9	240.6	334.5	435.2	541.0	648.9	749.5	847.5	953.6	1051.1
-27.5°	107.7	133.2	173.3	248.8	334.1	421.2	516.1	604.7	685.7	758.9	830.8
-30°	98.2	110.0	135.9	172.0	240.6	311.8	388.1	463.5	532.3	592.2	650.0
-32.5°	90.6	98.9	109.9	132.2	160.8	216.5	269.7	333.8	391.5	443.4	488.6
-35°	83.7	90.4	97.4	107.5	122.3	147.9	180.9	226.3	265.0	307.8	345.6
-37.5°	77.9	83.2	89.0	95.2	103.2	110.6	128.1	151.0	172.5	201.6	226.6
-40°	71.5	76.9	81.6	86.4	92.0	97.3	103.4	108.7	117.1	132.5	144.7
-42.5°	64.9	69.8	74.7	79.0	82.9	87.1	91.5	95.5	99.1	102.5	105.4
-45°	59.3	63.2	67.0	71.4	75.4	78.8	81.9	84.7	87.7	90.2	92.2
-47.5°	53.5	57.2	60.6	63.8	67.0	70.5	73.6	76.4	78.6	80.6	82.1
-50°	48.2	51.1	54.2	57.2	60.0	62.6	64.9	67.0	69.2	71.1	72.8
-52.5°	43.4	45.7	48.1	50.4	52.9	55.3	57.6	59.2	60.6	61.7	62.9
-55°	37.6	40.2	42.4	44.6	46.4	47.9	49.4	51.3	52.8	54.0	55.1
-57.5°	31.3	34.1	36.6	38.7	40.6	42.3	43.8	45.0	46.0	46.9	47.6
-60°	25.0	27.0	29.5	32.0	34.2	36.0	37.1	38.1	39.2	40.2	41.0
-62.5°	19.2	21.2	23.1	25.0	26.9	28.8	29.9	30.8	31.5	32.1	33.0
-65°	13.7	15.5	17.1	18.6	20.1	21.5	22.8	23.8	24.6	25.2	25.9
-67.5°	9.5	10.7	11.7	12.7	13.8	15.0	16.0	16.9	17.7	18.4	19.0
-70°	6.5	7.1	7.7	8.3	9.1	9.8	10.5	11.1	11.6	12.0	12.4
-72.5°	4.4	4.8	5.1	5.6	6.0	6.4	6.7	7.0	7.3	7.5	7.7
-75°	2.9	3.1	3.4	3.6	3.9	4.1	4.3	4.4	4.6	4.7	4.8
-77.5°	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.8	2.9	2.9
-80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-82.5°	1.5	1.5	1.6	1.7	1.7	1.8	1.8	1.9	1.9	1.9	2.0
-85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-87.5°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722785 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-4S_BLUE-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
77.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.8	2.8
75°	4.9	5.0	5.0	5.0	5.0	5.0	4.9	4.8	4.7	4.6	4.4
72.5°	7.8	7.9	8.0	8.0	8.0	7.9	7.8	7.7	7.5	7.3	7.0
70°	12.6	12.8	13.0	13.0	13.0	12.8	12.6	12.4	12.0	11.6	11.1
67.5°	19.4	19.7	19.5	19.0	19.5	19.7	19.4	19.0	18.4	17.7	16.9
65°	26.4	26.7	26.9	27.0	26.9	26.7	26.4	25.9	25.2	24.6	23.8
62.5°	33.9	34.6	34.9	35.0	34.9	34.6	33.9	33.0	32.1	31.5	30.8
60°	41.5	41.7	41.9	42.0	41.9	41.7	41.5	41.0	40.2	39.2	38.1
57.5°	48.2	48.6	48.9	49.0	48.9	48.6	48.2	47.6	46.9	46.0	45.0
55°	55.9	56.5	56.9	57.0	56.9	56.5	55.9	55.1	54.0	52.8	51.3
52.5°	63.8	64.5	64.9	65.0	64.9	64.5	63.8	62.9	61.7	60.6	59.2
50°	74.2	75.2	75.8	76.0	75.8	75.2	74.2	72.8	71.1	69.2	67.0
47.5°	83.4	84.3	84.8	85.0	84.8	84.3	83.4	82.1	80.6	78.6	76.4
45°	93.9	95.0	95.8	96.0	95.8	95.0	93.9	92.2	90.2	87.7	84.7
42.5°	108.1	110.3	111.6	112.0	111.6	110.3	108.1	105.4	102.5	99.1	95.5
40°	155.6	164.1	169.0	169.0	169.0	164.1	155.6	144.7	132.5	117.1	108.7
37.5°	246.9	261.0	268.4	268.0	268.4	261.0	246.9	226.6	201.6	172.5	151.0
35°	374.7	395.4	407.8	413.0	407.8	395.4	374.7	345.6	307.8	265.0	226.3
32.5°	524.9	553.7	572.1	575.0	572.1	553.7	524.9	488.6	443.4	391.5	333.8
30°	696.8	734.5	758.9	757.0	758.9	734.5	696.8	650.0	592.2	532.3	463.5
27.5°	891.4	940.7	975.2	981.9	975.2	940.7	891.4	830.8	758.9	685.7	604.7
25°	1150.4	1246.1	1297.0	1300.9	1297.0	1246.1	1150.4	1051.1	953.6	847.5	749.5
22.5°	1555.4	1675.1	1750.6	1763.9	1750.6	1675.1	1555.4	1399.1	1217.4	1046.8	913.3
20°	2040.5	2224.0	2365.8	2377.8	2365.8	2224.0	2040.5	1819.1	1592.2	1345.8	1113.9
17.5°	2707.7	2958.0	3161.3	3207.8	3161.3	2958.0	2707.7	2350.1	2009.5	1692.9	1399.0
15°	3463.2	3795.8	4009.8	4093.7	4009.8	3795.8	3463.2	3031.4	2550.4	2085.2	1693.3
12.5°	4248.2	4595.0	4826.6	4897.7	4826.6	4595.0	4248.2	3720.6	3139.9	2543.3	2008.4
10°	4889.5	5248.1	5465.5	5542.6	5465.5	5248.1	4889.5	4388.9	3699.6	2998.9	2343.7
7.5°	5377.5	5723.9	5953.0	6029.1	5953.0	5723.9	5377.5	4907.6	4237.4	3436.8	2651.1
5°	5738.7	6057.9	6258.4	6351.6	6258.4	6057.9	5738.7	5246.6	4598.0	3768.9	2910.8
2.5°	5910.1	6239.6	6389.8	6478.1	6389.8	6239.6	5910.1	5426.7	4802.9	3977.9	3101.6
0°	5970.1	6287.6	6433.6	6491.6	6433.6	6287.6	5970.1	5516.6	4863.7	4046.7	3142.8
-2.5°	5910.1	6239.6	6389.8	6478.1	6389.8	6239.6	5910.1	5426.7	4802.9	3977.9	3101.6
-5°	5738.7	6057.9	6258.4	6351.6	6258.4	6057.9	5738.7	5246.6	4598.0	3768.9	2910.8
-7.5°	5377.5	5723.9	5953.0	6029.1	5953.0	5723.9	5377.5	4907.6	4237.4	3436.8	2651.1
-10°	4889.5	5248.1	5465.5	5542.6	5465.5	5248.1	4889.5	4388.9	3699.6	2998.9	2343.7
-12.5°	4248.2	4595.0	4826.6	4897.7	4826.6	4595.0	4248.2	3720.6	3139.9	2543.3	2008.4
-15°	3463.2	3795.8	4009.8	4093.7	4009.8	3795.8	3463.2	3031.4	2550.4	2085.2	1693.3
-17.5°	2707.7	2958.0	3161.3	3207.8	3161.3	2958.0	2707.7	2350.1	2009.5	1692.9	1399.0
-20°	2040.5	2224.0	2365.8	2377.8	2365.8	2224.0	2040.5	1819.1	1592.2	1345.8	1113.9



REPORT NUMBER: P722785 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-4S_BLUE-ONLY

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1555.4	1675.1	1750.6	1763.9	1750.6	1675.1	1555.4	1399.1	1217.4	1046.8	913.3
-25°	1150.4	1246.1	1297.0	1300.9	1297.0	1246.1	1150.4	1051.1	953.6	847.5	749.5
-27.5°	891.4	940.7	975.2	981.9	975.2	940.7	891.4	830.8	758.9	685.7	604.7
-30°	696.8	734.5	758.9	757.0	758.9	734.5	696.8	650.0	592.2	532.3	463.5
-32.5°	524.9	553.7	572.1	575.0	572.1	553.7	524.9	488.6	443.4	391.5	333.8
-35°	374.7	395.4	407.8	413.0	407.8	395.4	374.7	345.6	307.8	265.0	226.3
-37.5°	246.9	261.0	268.4	268.0	268.4	261.0	246.9	226.6	201.6	172.5	151.0
-40°	155.6	164.1	169.0	169.0	169.0	164.1	155.6	144.7	132.5	117.1	108.7
-42.5°	108.1	110.3	111.6	112.0	111.6	110.3	108.1	105.4	102.5	99.1	95.5
-45°	93.9	95.0	95.8	96.0	95.8	95.0	93.9	92.2	90.2	87.7	84.7
-47.5°	83.4	84.3	84.8	85.0	84.8	84.3	83.4	82.1	80.6	78.6	76.4
-50°	74.2	75.2	75.8	76.0	75.8	75.2	74.2	72.8	71.1	69.2	67.0
-52.5°	63.8	64.5	64.9	65.0	64.9	64.5	63.8	62.9	61.7	60.6	59.2
-55°	55.9	56.5	56.9	57.0	56.9	56.5	55.9	55.1	54.0	52.8	51.3
-57.5°	48.2	48.6	48.9	49.0	48.9	48.6	48.2	47.6	46.9	46.0	45.0
-60°	41.5	41.7	41.9	42.0	41.9	41.7	41.5	41.0	40.2	39.2	38.1
-62.5°	33.9	34.6	34.9	35.0	34.9	34.6	33.9	33.0	32.1	31.5	30.8
-65°	26.4	26.7	26.9	27.0	26.9	26.7	26.4	25.9	25.2	24.6	23.8
-67.5°	19.4	19.7	19.5	19.0	19.5	19.7	19.4	19.0	18.4	17.7	16.9
-70°	12.6	12.8	13.0	13.0	13.0	12.8	12.6	12.4	12.0	11.6	11.1
-72.5°	7.8	7.9	8.0	8.0	8.0	7.9	7.8	7.7	7.5	7.3	7.0
-75°	4.9	5.0	5.0	5.0	5.0	5.0	4.9	4.8	4.7	4.6	4.4
-77.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.8	2.8
-80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9
-85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722785 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-4S_BLUE-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°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7
85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
82.5°	1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.1
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.8
77.5°	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	2.0	2.0	2.0
75°	4.3	4.1	3.9	3.6	3.4	3.1	2.9	2.7	2.6	2.4	2.2
72.5°	6.7	6.4	6.0	5.6	5.1	4.8	4.4	4.0	3.7	3.2	2.9
70°	10.5	9.8	9.1	8.3	7.7	7.1	6.5	5.9	5.2	4.7	4.2
67.5°	16.0	15.0	13.8	12.7	11.7	10.7	9.5	8.3	7.5	6.7	5.8
65°	22.8	21.5	20.1	18.6	17.1	15.5	13.7	12.2	10.8	9.3	7.9
62.5°	29.9	28.8	26.9	25.0	23.1	21.2	19.2	17.2	15.0	12.8	11.1
60°	37.1	36.0	34.2	32.0	29.5	27.0	25.0	22.7	20.1	17.6	15.0
57.5°	43.8	42.3	40.6	38.7	36.6	34.1	31.3	28.5	25.8	22.7	19.5
55°	49.4	47.9	46.4	44.6	42.4	40.2	37.6	34.6	31.4	28.1	24.6
52.5°	57.6	55.3	52.9	50.4	48.1	45.7	43.4	40.4	36.9	33.3	29.6
50°	64.9	62.6	60.0	57.2	54.2	51.1	48.2	45.6	42.4	38.5	34.5
47.5°	73.6	70.5	67.0	63.8	60.6	57.2	53.5	49.8	46.8	43.6	39.3
45°	81.9	78.8	75.4	71.4	67.0	63.2	59.3	55.2	51.0	47.4	44.0
42.5°	91.5	87.1	82.9	79.0	74.7	69.8	64.9	60.6	56.0	51.4	47.4
40°	103.4	97.3	92.0	86.4	81.6	76.9	71.5	65.8	61.0	56.0	51.0
37.5°	128.1	110.6	103.2	95.2	89.0	83.2	77.9	72.0	65.8	60.6	55.2
35°	180.9	147.9	122.3	107.5	97.4	90.4	83.7	77.9	71.5	64.9	59.3
32.5°	269.7	216.5	160.8	132.2	109.9	98.9	90.6	83.2	76.9	69.8	63.2
30°	388.1	311.8	240.6	172.0	135.9	110.0	98.2	89.3	81.6	74.7	67.0
27.5°	516.1	421.2	334.1	248.8	173.3	133.2	107.7	95.7	86.5	79.0	71.4
25°	648.9	541.0	435.2	334.5	240.6	162.9	122.4	103.1	92.1	82.9	75.4
22.5°	786.0	665.3	544.5	425.6	312.8	217.4	148.6	110.1	97.3	87.0	78.8
20°	939.6	787.3	652.9	520.2	391.5	270.3	180.2	127.1	103.0	91.3	81.9
17.5°	1121.1	917.9	754.9	606.6	466.9	335.5	225.2	147.7	108.1	94.9	84.7
15°	1355.8	1067.4	856.0	692.8	537.0	395.6	266.6	166.5	116.1	98.5	87.6
12.5°	1590.0	1229.8	965.0	771.6	605.0	450.7	312.0	199.5	130.6	102.3	90.2
10°	1821.5	1399.8	1070.9	842.7	667.3	502.0	351.1	227.2	142.8	105.5	92.5
7.5°	2031.5	1540.4	1160.0	906.1	714.2	540.4	380.3	248.9	152.5	108.0	94.5
5°	2202.3	1649.2	1240.9	951.2	747.4	567.2	400.6	264.4	159.4	109.7	96.0
2.5°	2315.0	1737.7	1295.9	982.7	767.2	582.9	413.7	272.1	164.0	110.7	96.2
0°	2332.9	1769.9	1317.9	992.4	769.0	588.0	421.0	272.0	166.0	111.0	96.0
-2.5°	2315.0	1737.7	1295.9	982.7	767.2	582.9	413.7	272.1	164.0	110.7	96.2
-5°	2202.3	1649.2	1240.9	951.2	747.4	567.2	400.6	264.4	159.4	109.7	96.0
-7.5°	2031.5	1540.4	1160.0	906.1	714.2	540.4	380.3	248.9	152.5	108.0	94.5
-10°	1821.5	1399.8	1070.9	842.7	667.3	502.0	351.1	227.2	142.8	105.5	92.5
-12.5°	1590.0	1229.8	965.0	771.6	605.0	450.7	312.0	199.5	130.6	102.3	90.2
-15°	1355.8	1067.4	856.0	692.8	537.0	395.6	266.6	166.5	116.1	98.5	87.6
-17.5°	1121.1	917.9	754.9	606.6	466.9	335.5	225.2	147.7	108.1	94.9	84.7
-20°	939.6	787.3	652.9	520.2	391.5	270.3	180.2	127.1	103.0	91.3	81.9



REPORT NUMBER: P722785 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-4S_BLUE-ONLY

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	786.0	665.3	544.5	425.6	312.8	217.4	148.6	110.1	97.3	87.0	78.8
-25°	648.9	541.0	435.2	334.5	240.6	162.9	122.4	103.1	92.1	82.9	75.4
-27.5°	516.1	421.2	334.1	248.8	173.3	133.2	107.7	95.7	86.5	79.0	71.4
-30°	388.1	311.8	240.6	172.0	135.9	110.0	98.2	89.3	81.6	74.7	67.0
-32.5°	269.7	216.5	160.8	132.2	109.9	98.9	90.6	83.2	76.9	69.8	63.2
-35°	180.9	147.9	122.3	107.5	97.4	90.4	83.7	77.9	71.5	64.9	59.3
-37.5°	128.1	110.6	103.2	95.2	89.0	83.2	77.9	72.0	65.8	60.6	55.2
-40°	103.4	97.3	92.0	86.4	81.6	76.9	71.5	65.8	61.0	56.0	51.0
-42.5°	91.5	87.1	82.9	79.0	74.7	69.8	64.9	60.6	56.0	51.4	47.4
-45°	81.9	78.8	75.4	71.4	67.0	63.2	59.3	55.2	51.0	47.4	44.0
-47.5°	73.6	70.5	67.0	63.8	60.6	57.2	53.5	49.8	46.8	43.6	39.3
-50°	64.9	62.6	60.0	57.2	54.2	51.1	48.2	45.6	42.4	38.5	34.5
-52.5°	57.6	55.3	52.9	50.4	48.1	45.7	43.4	40.4	36.9	33.3	29.6
-55°	49.4	47.9	46.4	44.6	42.4	40.2	37.6	34.6	31.4	28.1	24.6
-57.5°	43.8	42.3	40.6	38.7	36.6	34.1	31.3	28.5	25.8	22.7	19.5
-60°	37.1	36.0	34.2	32.0	29.5	27.0	25.0	22.7	20.1	17.6	15.0
-62.5°	29.9	28.8	26.9	25.0	23.1	21.2	19.2	17.2	15.0	12.8	11.1
-65°	22.8	21.5	20.1	18.6	17.1	15.5	13.7	12.2	10.8	9.3	7.9
-67.5°	16.0	15.0	13.8	12.7	11.7	10.7	9.5	8.3	7.5	6.7	5.8
-70°	10.5	9.8	9.1	8.3	7.7	7.1	6.5	5.9	5.2	4.7	4.2
-72.5°	6.7	6.4	6.0	5.6	5.1	4.8	4.4	4.0	3.7	3.2	2.9
-75°	4.3	4.1	3.9	3.6	3.4	3.1	2.9	2.7	2.6	2.4	2.2
-77.5°	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	2.0	2.0	2.0
-80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.8
-82.5°	1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.1
-85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-87.5°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7
-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: P722785 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-4S_BLUE-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°	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3	0.3
85°	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.7	0.6
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
80°	1.7	1.6	1.4	1.3	1.1	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	2.0	2.0	2.0	1.9	1.7	1.5	1.3	1.1	1.0	1.0	1.0
75°	2.0	2.0	2.0	2.0	2.0	2.0	1.7	1.5	1.3	1.0	1.0
72.5°	2.7	2.5	2.2	2.0	2.0	2.0	2.0	1.9	1.6	1.4	1.1
70°	3.7	3.2	2.8	2.5	2.2	2.0	2.0	2.0	2.0	1.7	1.4
67.5°	5.0	4.4	3.8	3.1	2.7	2.4	2.1	2.0	2.0	2.0	1.6
65°	6.9	5.9	4.9	4.2	3.5	2.9	2.5	2.1	2.0	2.0	1.9
62.5°	9.4	7.7	6.6	5.4	4.5	3.7	2.9	2.5	2.1	2.0	2.0
60°	12.5	10.5	8.4	7.0	5.7	4.6	3.7	2.9	2.4	2.0	2.0
57.5°	16.6	13.6	11.2	8.9	7.1	5.7	4.5	3.5	2.7	2.2	2.0
55°	21.0	17.6	14.2	11.4	8.9	7.0	5.4	4.2	3.1	2.5	2.0
52.5°	25.7	21.7	17.9	14.2	11.2	8.4	6.6	4.9	3.8	2.8	2.2
50°	30.4	25.9	21.6	17.6	13.6	10.6	7.7	5.9	4.4	3.2	2.5
47.5°	34.9	30.1	25.3	20.9	16.6	12.7	9.5	6.9	5.0	3.7	2.7
45°	39.2	34.4	29.1	24.1	19.5	15.2	11.4	7.9	5.8	4.2	2.9
42.5°	43.3	38.4	33.1	27.1	22.3	17.7	13.3	9.5	6.7	4.7	3.2
40°	46.6	41.9	36.8	30.8	25.1	20.1	15.5	11.2	7.5	5.2	3.7
37.5°	49.8	45.0	39.9	34.3	27.8	22.4	17.5	12.9	8.4	5.9	4.0
35°	53.5	48.0	42.7	37.2	30.8	24.7	19.3	14.6	9.8	6.5	4.4
32.5°	57.2	51.1	45.5	39.8	33.5	26.8	21.2	16.0	11.1	7.1	4.8
30°	60.6	54.2	48.1	42.3	36.0	29.1	23.0	17.3	12.2	7.7	5.1
27.5°	63.8	57.2	50.6	44.6	38.2	31.3	24.7	18.6	13.2	8.4	5.6
25°	67.0	60.0	53.2	46.7	40.3	33.3	26.2	19.7	14.2	9.2	6.0
22.5°	70.5	62.6	55.5	48.6	42.3	35.3	27.8	21.0	15.1	9.9	6.4
20°	73.6	64.9	57.6	50.2	43.9	37.0	29.4	22.1	15.9	10.6	6.7
17.5°	76.4	67.2	59.4	51.8	45.2	38.5	30.9	23.2	16.6	11.2	7.0
15°	78.6	69.3	60.9	53.2	46.3	39.7	32.2	24.2	17.2	11.6	7.3
12.5°	80.6	71.3	62.1	54.3	47.1	40.7	33.4	25.0	17.7	12.0	7.5
10°	82.1	72.9	63.1	55.3	47.8	41.6	34.4	25.7	18.1	12.4	7.7
7.5°	83.4	74.2	63.9	55.9	48.3	42.2	35.1	26.3	18.5	12.6	7.8
5°	84.3	75.2	64.5	56.5	48.7	42.6	35.6	26.7	18.8	12.8	7.9
2.5°	84.8	75.8	64.9	56.9	48.9	42.9	35.9	26.9	18.9	13.0	8.0
0°	85.0	76.0	65.0	57.0	49.0	43.0	36.0	27.0	19.0	13.0	8.0
-2.5°	84.8	75.8	64.9	56.9	48.9	42.9	35.9	26.9	18.9	13.0	8.0
-5°	84.3	75.2	64.5	56.5	48.7	42.6	35.6	26.7	18.8	12.8	7.9
-7.5°	83.4	74.2	63.9	55.9	48.3	42.2	35.1	26.3	18.5	12.6	7.8
-10°	82.1	72.9	63.1	55.3	47.8	41.6	34.4	25.7	18.1	12.4	7.7
-12.5°	80.6	71.3	62.1	54.3	47.1	40.7	33.4	25.0	17.7	12.0	7.5
-15°	78.6	69.3	60.9	53.2	46.3	39.7	32.2	24.2	17.2	11.6	7.3
-17.5°	76.4	67.2	59.4	51.8	45.2	38.5	30.9	23.2	16.6	11.2	7.0
-20°	73.6	64.9	57.6	50.2	43.9	37.0	29.4	22.1	15.9	10.6	6.7



REPORT NUMBER: P722785 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-4S_BLUE-ONLY

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	70.5	62.6	55.5	48.6	42.3	35.3	27.8	21.0	15.1	9.9	6.4
-25°	67.0	60.0	53.2	46.7	40.3	33.3	26.2	19.7	14.2	9.2	6.0
-27.5°	63.8	57.2	50.6	44.6	38.2	31.3	24.7	18.6	13.2	8.4	5.6
-30°	60.6	54.2	48.1	42.3	36.0	29.1	23.0	17.3	12.2	7.7	5.1
-32.5°	57.2	51.1	45.5	39.8	33.5	26.8	21.2	16.0	11.1	7.1	4.8
-35°	53.5	48.0	42.7	37.2	30.8	24.7	19.3	14.6	9.8	6.5	4.4
-37.5°	49.8	45.0	39.9	34.3	27.8	22.4	17.5	12.9	8.4	5.9	4.0
-40°	46.6	41.9	36.8	30.8	25.1	20.1	15.5	11.2	7.5	5.2	3.7
-42.5°	43.3	38.4	33.1	27.1	22.3	17.7	13.3	9.5	6.7	4.7	3.2
-45°	39.2	34.4	29.1	24.1	19.5	15.2	11.4	7.9	5.8	4.2	2.9
-47.5°	34.9	30.1	25.3	20.9	16.6	12.7	9.5	6.9	5.0	3.7	2.7
-50°	30.4	25.9	21.6	17.6	13.6	10.6	7.7	5.9	4.4	3.2	2.5
-52.5°	25.7	21.7	17.9	14.2	11.2	8.4	6.6	4.9	3.8	2.8	2.2
-55°	21.0	17.6	14.2	11.4	8.9	7.0	5.4	4.2	3.1	2.5	2.0
-57.5°	16.6	13.6	11.2	8.9	7.1	5.7	4.5	3.5	2.7	2.2	2.0
-60°	12.5	10.5	8.4	7.0	5.7	4.6	3.7	2.9	2.4	2.0	2.0
-62.5°	9.4	7.7	6.6	5.4	4.5	3.7	2.9	2.5	2.1	2.0	2.0
-65°	6.9	5.9	4.9	4.2	3.5	2.9	2.5	2.1	2.0	2.0	1.9
-67.5°	5.0	4.4	3.8	3.1	2.7	2.4	2.1	2.0	2.0	2.0	1.6
-70°	3.7	3.2	2.8	2.5	2.2	2.0	2.0	2.0	2.0	1.7	1.4
-72.5°	2.7	2.5	2.2	2.0	2.0	2.0	2.0	1.9	1.6	1.4	1.1
-75°	2.0	2.0	2.0	2.0	2.0	2.0	1.7	1.5	1.3	1.0	1.0
-77.5°	2.0	2.0	2.0	1.9	1.7	1.5	1.3	1.1	1.0	1.0	1.0
-80°	1.7	1.6	1.4	1.3	1.1	1.0	1.0	1.0	1.0	1.0	1.0
-82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
-85°	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.7	0.6
-87.5°	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3	0.3
-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: P722785 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-4S_BLUE-ONLY

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°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
85°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
82.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
80°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
77.5°	1.0	1.0	0.9	0.6	0.4	0.2	0.0
75°	1.0	1.0	1.0	0.8	0.5	0.3	0.0
72.5°	1.0	1.0	1.0	0.9	0.6	0.3	0.0
70°	1.0	1.0	1.0	1.0	0.7	0.3	0.0
67.5°	1.3	1.0	1.0	1.0	0.8	0.4	0.0
65°	1.5	1.1	1.0	1.0	0.8	0.4	0.0
62.5°	1.7	1.3	1.0	1.0	0.9	0.5	0.0
60°	2.0	1.5	1.0	1.0	1.0	0.5	0.0
57.5°	2.0	1.7	1.1	1.0	1.0	0.5	0.0
55°	2.0	1.9	1.3	1.0	1.0	0.6	0.0
52.5°	2.0	2.0	1.4	1.0	1.0	0.6	0.0
50°	2.0	2.0	1.6	1.0	1.0	0.6	0.0
47.5°	2.0	2.0	1.7	1.0	1.0	0.7	0.0
45°	2.2	2.0	1.8	1.1	1.0	0.7	0.0
42.5°	2.4	2.0	1.9	1.2	1.0	0.7	0.0
40°	2.6	2.0	2.0	1.3	1.0	0.8	0.0
37.5°	2.7	2.0	2.0	1.4	1.0	0.8	0.0
35°	2.9	2.1	2.0	1.5	1.0	0.8	0.0
32.5°	3.1	2.2	2.0	1.5	1.0	0.8	0.0
30°	3.4	2.3	2.0	1.6	1.0	0.9	0.0
27.5°	3.6	2.4	2.0	1.7	1.0	0.9	0.0
25°	3.9	2.5	2.0	1.7	1.0	0.9	0.0
22.5°	4.1	2.6	2.0	1.8	1.0	0.9	0.0
20°	4.3	2.7	2.0	1.8	1.0	0.9	0.0
17.5°	4.4	2.8	2.0	1.9	1.0	1.0	0.0
15°	4.6	2.8	2.0	1.9	1.0	1.0	0.0
12.5°	4.7	2.9	2.0	1.9	1.0	1.0	0.0
10°	4.8	2.9	2.0	2.0	1.0	1.0	0.0
7.5°	4.9	3.0	2.0	2.0	1.0	1.0	0.0
5°	5.0	3.0	2.0	2.0	1.0	1.0	0.0
2.5°	5.0	3.0	2.0	2.0	1.0	1.0	0.0
0°	5.0	3.0	2.0	2.0	1.0	1.0	0.0
-2.5°	5.0	3.0	2.0	2.0	1.0	1.0	0.0
-5°	5.0	3.0	2.0	2.0	1.0	1.0	0.0
-7.5°	4.9	3.0	2.0	2.0	1.0	1.0	0.0
-10°	4.8	2.9	2.0	2.0	1.0	1.0	0.0
-12.5°	4.7	2.9	2.0	1.9	1.0	1.0	0.0
-15°	4.6	2.8	2.0	1.9	1.0	1.0	0.0
-17.5°	4.4	2.8	2.0	1.9	1.0	1.0	0.0
-20°	4.3	2.7	2.0	1.8	1.0	0.9	0.0



REPORT NUMBER: P722785 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-LS-16-720PL-RGB-4S_BLUE-ONLY

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	4.1	2.6	2.0	1.8	1.0	0.9	0.0
-25°	3.9	2.5	2.0	1.7	1.0	0.9	0.0
-27.5°	3.6	2.4	2.0	1.7	1.0	0.9	0.0
-30°	3.4	2.3	2.0	1.6	1.0	0.9	0.0
-32.5°	3.1	2.2	2.0	1.5	1.0	0.8	0.0
-35°	2.9	2.1	2.0	1.5	1.0	0.8	0.0
-37.5°	2.7	2.0	2.0	1.4	1.0	0.8	0.0
-40°	2.6	2.0	2.0	1.3	1.0	0.8	0.0
-42.5°	2.4	2.0	1.9	1.2	1.0	0.7	0.0
-45°	2.2	2.0	1.8	1.1	1.0	0.7	0.0
-47.5°	2.0	2.0	1.7	1.0	1.0	0.7	0.0
-50°	2.0	2.0	1.6	1.0	1.0	0.6	0.0
-52.5°	2.0	2.0	1.4	1.0	1.0	0.6	0.0
-55°	2.0	1.9	1.3	1.0	1.0	0.6	0.0
-57.5°	2.0	1.7	1.1	1.0	1.0	0.5	0.0
-60°	2.0	1.5	1.0	1.0	1.0	0.5	0.0
-62.5°	1.7	1.3	1.0	1.0	0.9	0.5	0.0
-65°	1.5	1.1	1.0	1.0	0.8	0.4	0.0
-67.5°	1.3	1.0	1.0	1.0	0.8	0.4	0.0
-70°	1.0	1.0	1.0	1.0	0.7	0.3	0.0
-72.5°	1.0	1.0	1.0	0.9	0.6	0.3	0.0
-75°	1.0	1.0	1.0	0.8	0.5	0.3	0.0
-77.5°	1.0	1.0	0.9	0.6	0.4	0.2	0.0
-80°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
-82.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-85°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
-87.5°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)