

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: P722789 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-16-720PL-RGB-5S_BLUE-ONLY**

Issue Date: 11/1/2023

Test Information

Test Method: LM-79-08
Report Number: P722789 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2308-140-19)
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-5S_BLUE-ONLY
Description: LUMASPORT 16 PRISM RGB
Light Source: -
Ballast/Driver: -

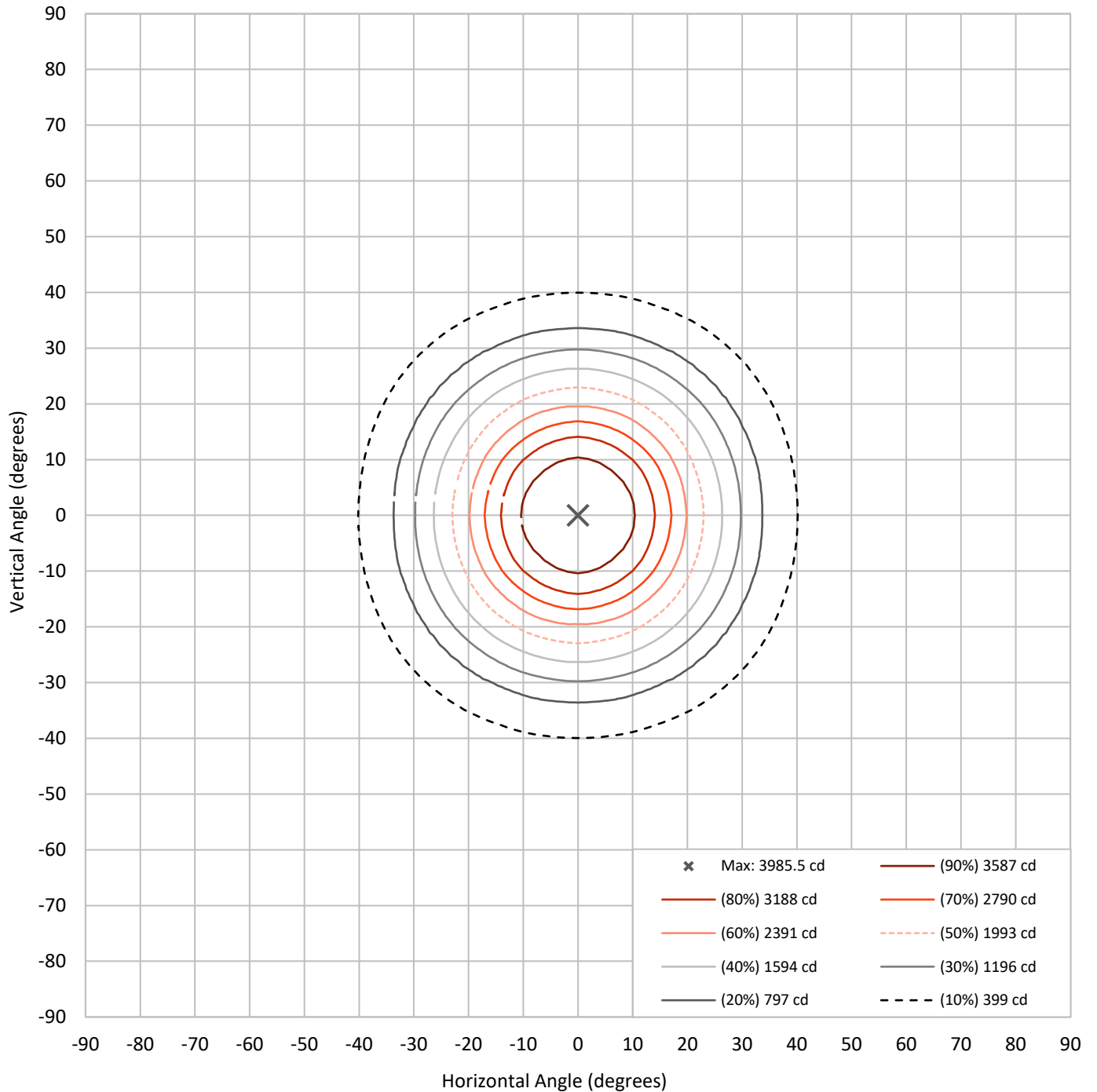
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	2676.4 lumens	Max Intensity:	3985.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	13.0 lumens/watt		
Luminous Opening:	Circular (Dia: 1.67' x H: 0')		
Beam Angle (50%):	45.9°H x 46°V	Field Angle (10%):	80.3°H x 79.9°V
Beam Lumens:	1433.6 lumens	Field Lumens:	2440.9 lumens
Beam Efficiency:	53.6%	Field Efficiency:	91.2%
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: P722789 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_BLUE-ONLY

Iso-Candela Plot





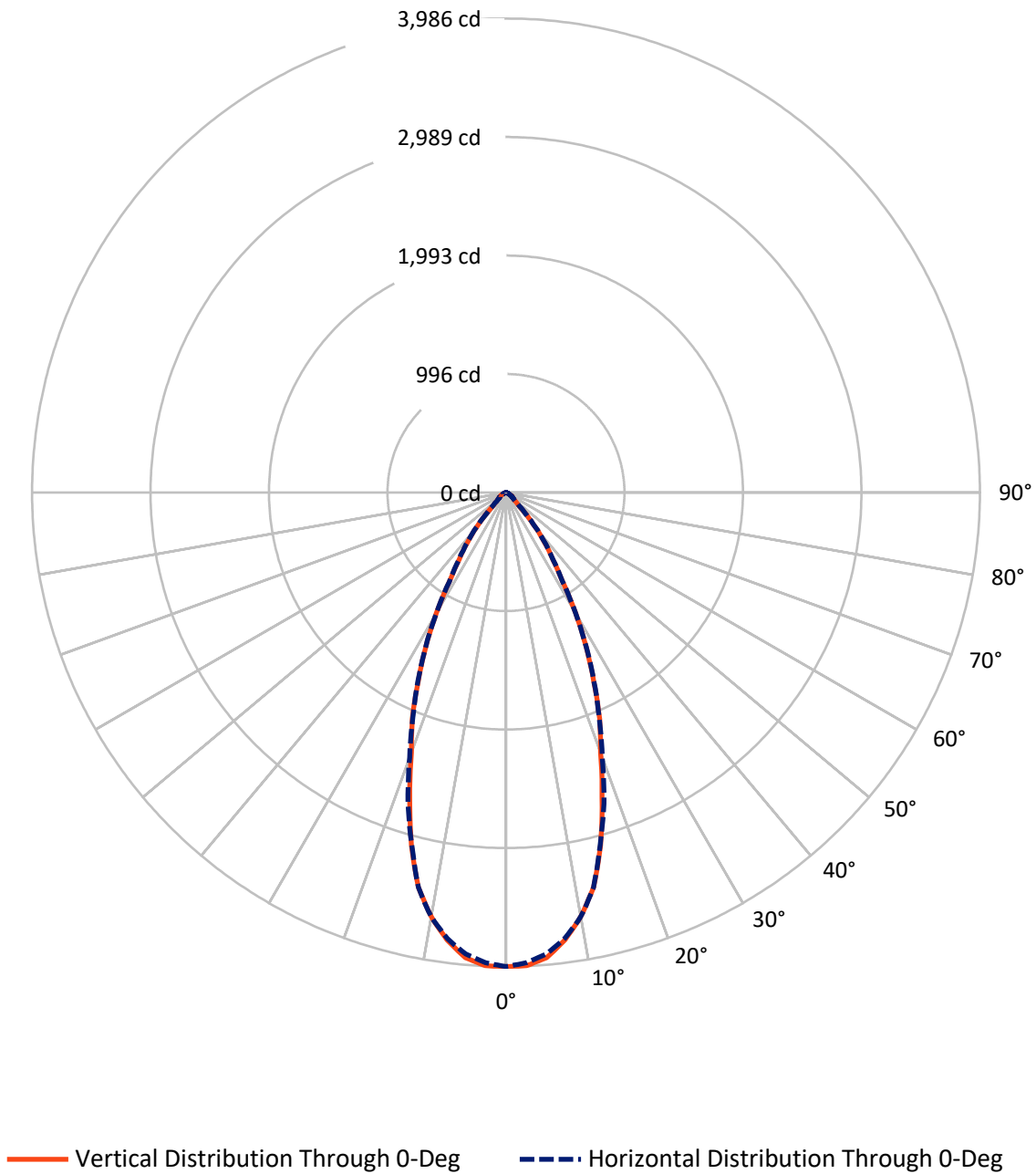
REPORT NUMBER: P722789 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_BLUE-ONLY

Lumen Table

90																			
80	0.0	0.1		0.2		0.3		0.4		0.3		0.2		0.1		0.0			
70																			
60	0.0	0.0	0.1	0.2	0.3	0.5	0.7	0.8	0.8	0.7	0.5	0.3	0.2	0.1	0.0	0.0			
50		0.1	0.2	0.5	0.9	1.4	1.7	1.9	1.9	1.7	1.4	0.9	0.5	0.2	0.1				
40	0.1	0.1	0.4	1.0	1.6	2.4	3.9	5.4	5.4	3.9	2.4	1.6	1.0	0.4	0.1	0.1			
30		0.2	0.6	1.4	2.9	8.1	15.5	20.9	20.9	15.5	8.1	2.9	1.4	0.6	0.2				
20	0.1	0.2	0.9	2.0	7.5	20.3	37.8	50.8	50.8	37.8	20.3	7.5	2.0	0.9	0.2	0.1			
10		0.3	1.0	3.0	13.6	35.8	65.0	87.6	87.6	65.0	35.8	13.6	3.0	1.0	0.3				
0	0.1	0.3	1.1	4.0	17.6	46.6	85.5	113.3	113.3	85.5	46.6	17.6	4.0	1.1	0.3	0.1			
-10		0.3	1.1	4.0	17.6	46.6	85.5	113.3	113.3	85.5	46.6	17.6	4.0	1.1	0.3				
-20	0.1	0.3	1.0	3.0	13.6	35.8	65.0	87.6	87.6	65.0	35.8	13.6	3.0	1.0	0.3	0.1			
-30		0.2	0.9	2.0	7.5	20.3	37.8	50.8	50.8	37.8	20.3	7.5	2.0	0.9	0.2				
-40	0.1	0.2	0.6	1.4	2.9	8.1	15.5	20.9	20.9	15.5	8.1	2.9	1.4	0.6	0.2	0.1			
-50		0.1	0.4	1.0	1.6	2.4	3.9	5.4	5.4	3.9	2.4	1.6	1.0	0.4	0.1				
-60	0.0	0.1	0.2	0.5	0.9	1.4	1.7	1.9	1.9	1.7	1.4	0.9	0.5	0.2	0.1	0.0			
-70		0.0	0.1	0.2	0.3	0.5	0.7	0.8	0.8	0.7	0.5	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			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

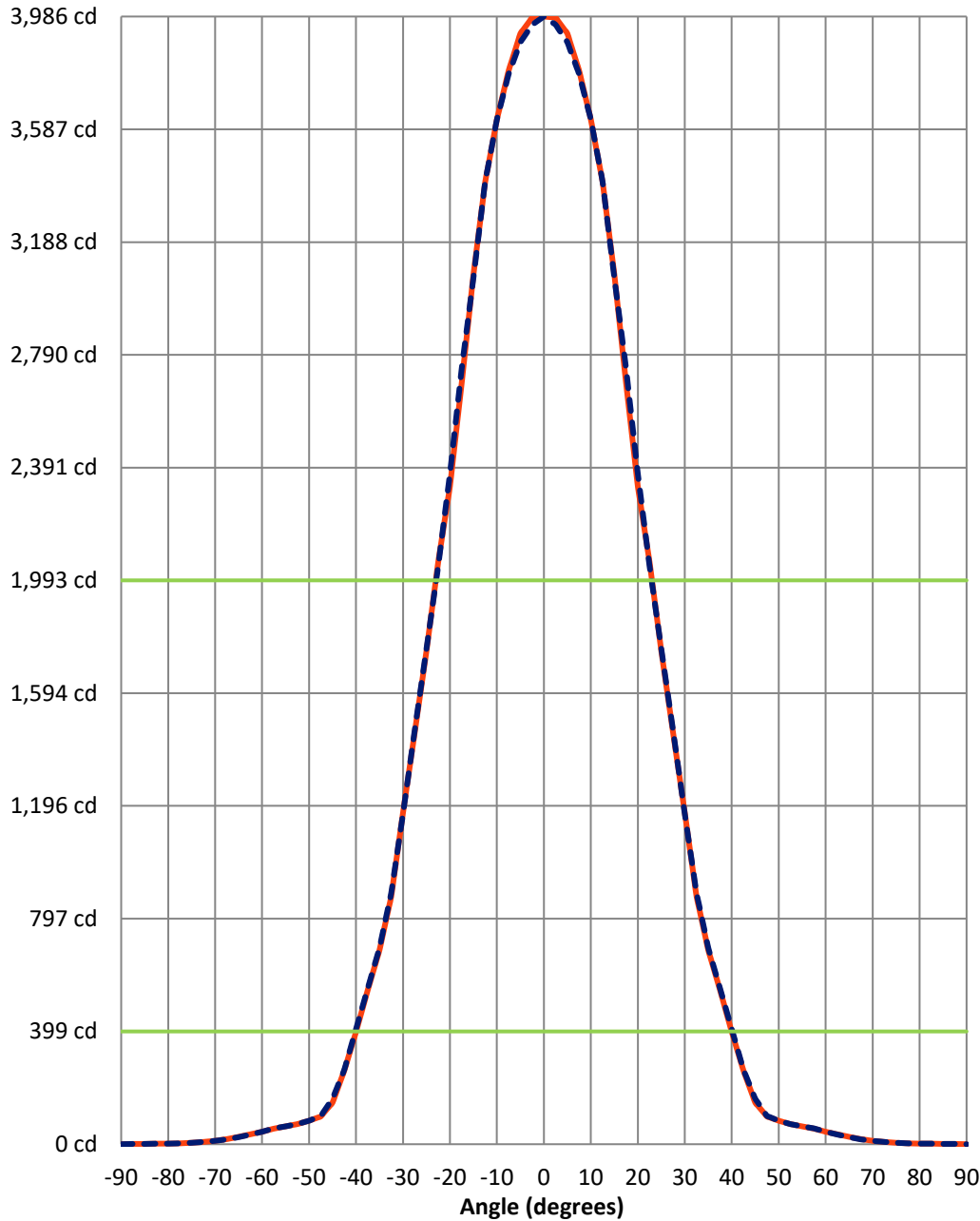
REPORT NUMBER: P722789 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_BLUE-ONLY

Luminous Intensity Polar Plot



REPORT NUMBER: P722789 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_BLUE-ONLY

Luminous Intensity Plot



Beam:
 H Angle: 45.9°
 V Angle: 46°
 Lumens: 1433.6
 Efficiency: 53.6%

Field:
 H Angle: 80.3°
 V Angle: 79.9°
 Lumens: 2440.9
 Efficiency: 91.2%

Spill:
 Lumens: 235.4
 Efficiency: 8.8%

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



REPORT NUMBER: P722789 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_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	9.0
40°	0.0	0.8	1.0	1.3	2.0	2.0	2.6	3.7	5.2	7.5	10.2
37.5°	0.0	0.8	1.0	1.4	2.0	2.0	2.7	4.0	5.9	8.3	11.3
35°	0.0	0.8	1.0	1.5	2.0	2.1	2.9	4.4	6.5	9.2	12.6
32.5°	0.0	0.8	1.0	1.5	2.0	2.2	3.1	4.8	7.1	10.1	14.1
30°	0.0	0.9	1.0	1.6	2.0	2.3	3.4	5.1	7.7	11.0	15.4
27.5°	0.0	0.9	1.0	1.7	2.0	2.4	3.6	5.6	8.3	11.7	16.6
25°	0.0	0.9	1.0	1.7	2.0	2.5	3.9	6.0	8.9	12.6	17.7
22.5°	0.0	0.9	1.0	1.8	2.0	2.6	4.1	6.4	9.5	13.5	19.0
20°	0.0	0.9	1.0	1.8	2.0	2.7	4.3	6.7	10.0	14.3	20.1
17.5°	0.0	1.0	1.0	1.9	2.0	2.8	4.4	7.0	10.5	14.9	21.2
15°	0.0	1.0	1.0	1.9	2.0	2.8	4.6	7.3	10.9	15.5	22.2
12.5°	0.0	1.0	1.0	1.9	2.0	2.9	4.7	7.5	11.2	15.9	23.0
10°	0.0	1.0	1.0	2.0	2.0	2.9	4.8	7.7	11.5	16.3	23.7
7.5°	0.0	1.0	1.0	2.0	2.0	3.0	4.9	7.8	11.7	16.6	24.3
5°	0.0	1.0	1.0	2.0	2.0	3.0	5.0	7.9	11.9	16.8	24.7
2.5°	0.0	1.0	1.0	2.0	2.0	3.0	5.0	8.0	12.0	17.0	24.9
0°	0.0	1.0	1.0	2.0	2.0	3.0	5.0	8.0	12.0	17.0	25.0
-2.5°	0.0	1.0	1.0	2.0	2.0	3.0	5.0	8.0	12.0	17.0	24.9
-5°	0.0	1.0	1.0	2.0	2.0	3.0	5.0	7.9	11.9	16.8	24.7
-7.5°	0.0	1.0	1.0	2.0	2.0	3.0	4.9	7.8	11.7	16.6	24.3
-10°	0.0	1.0	1.0	2.0	2.0	2.9	4.8	7.7	11.5	16.3	23.7
-12.5°	0.0	1.0	1.0	1.9	2.0	2.9	4.7	7.5	11.2	15.9	23.0
-15°	0.0	1.0	1.0	1.9	2.0	2.8	4.6	7.3	10.9	15.5	22.2
-17.5°	0.0	1.0	1.0	1.9	2.0	2.8	4.4	7.0	10.5	14.9	21.2
-20°	0.0	0.9	1.0	1.8	2.0	2.7	4.3	6.7	10.0	14.3	20.1



REPORT NUMBER: P722789 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_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	9.5	13.5	19.0
-25°	0.0	0.9	1.0	1.7	2.0	2.5	3.9	6.0	8.9	12.6	17.7
-27.5°	0.0	0.9	1.0	1.7	2.0	2.4	3.6	5.6	8.3	11.7	16.6
-30°	0.0	0.9	1.0	1.6	2.0	2.3	3.4	5.1	7.7	11.0	15.4
-32.5°	0.0	0.8	1.0	1.5	2.0	2.2	3.1	4.8	7.1	10.1	14.1
-35°	0.0	0.8	1.0	1.5	2.0	2.1	2.9	4.4	6.5	9.2	12.6
-37.5°	0.0	0.8	1.0	1.4	2.0	2.0	2.7	4.0	5.9	8.3	11.3
-40°	0.0	0.8	1.0	1.3	2.0	2.0	2.6	3.7	5.2	7.5	10.2
-42.5°	0.0	0.7	1.0	1.2	1.9	2.0	2.4	3.2	4.7	6.7	9.0
-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: P722789 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_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	9.0	10.2	11.3
62.5°	2.9	3.7	4.5	5.4	6.6	7.7	9.1	10.5	11.8	13.7	15.6
60°	3.7	4.6	5.7	7.0	8.4	10.0	11.6	13.7	15.9	18.1	20.6
57.5°	4.5	5.7	7.1	8.7	10.5	12.5	15.1	17.6	20.3	23.1	26.1
55°	5.4	7.0	8.7	10.7	13.0	15.9	18.8	22.0	25.1	28.8	32.5
52.5°	6.6	8.4	10.5	13.0	16.2	19.5	23.0	26.8	31.0	35.3	40.1
50°	7.7	10.0	12.5	15.9	19.5	23.3	27.7	32.3	37.5	42.8	47.9
47.5°	9.1	11.6	15.1	18.8	23.0	27.7	32.8	38.6	44.4	50.1	55.6
45°	10.5	13.7	17.6	22.0	26.8	32.3	38.5	45.0	51.3	57.0	61.2
42.5°	11.8	15.9	20.3	25.1	31.0	37.3	44.1	51.2	57.4	62.0	66.6
40°	13.7	18.1	23.1	28.8	35.2	42.3	49.9	57.0	62.0	67.0	71.8
37.5°	15.6	20.4	25.8	32.3	39.5	47.3	55.6	61.2	66.6	71.8	79.2
35°	17.3	22.7	28.8	35.9	43.6	52.5	59.5	65.3	70.9	78.6	87.2
32.5°	19.2	24.8	31.5	39.5	48.3	57.0	63.2	69.2	76.6	85.5	96.0
30°	21.0	27.1	34.3	43.1	52.7	60.1	66.5	73.3	82.5	93.9	119.9
27.5°	22.7	29.3	37.3	46.8	56.5	62.9	69.6	78.5	89.6	107.2	150.5
25°	24.2	31.3	40.2	50.3	58.9	65.5	72.9	83.5	97.2	134.2	197.3
22.5°	25.8	33.3	43.1	53.6	60.9	67.9	77.3	89.9	111.3	160.1	245.1
20°	27.4	35.7	45.8	56.3	62.7	70.0	81.6	96.2	132.3	200.6	300.0
17.5°	28.9	37.8	48.2	57.9	64.6	72.8	85.8	102.0	150.9	237.4	355.0
15°	30.2	39.7	50.3	59.2	66.4	75.9	90.0	115.7	174.9	273.6	403.6
12.5°	31.4	41.4	52.1	60.4	68.0	78.4	93.4	128.7	201.2	312.4	449.0
10°	32.4	42.7	53.5	61.3	69.4	80.2	96.1	140.0	223.1	345.5	486.7
7.5°	33.1	43.6	54.6	62.0	70.6	81.4	98.1	149.4	240.2	372.3	514.7
5°	33.6	44.0	55.4	62.6	71.2	82.2	99.5	156.7	252.4	392.4	533.2
2.5°	33.9	44.2	55.8	62.9	71.2	82.8	100.1	160.2	260.1	403.9	545.1
0°	34.0	44.0	56.0	63.0	71.0	83.0	100.0	161.0	263.0	407.1	551.1
-2.5°	33.9	44.2	55.8	62.9	71.2	82.8	100.1	160.2	260.1	403.9	545.1
-5°	33.6	44.0	55.4	62.6	71.2	82.2	99.5	156.7	252.4	392.4	533.2
-7.5°	33.1	43.6	54.6	62.0	70.6	81.4	98.1	149.4	240.2	372.3	514.7
-10°	32.4	42.7	53.5	61.3	69.4	80.2	96.1	140.0	223.1	345.5	486.7
-12.5°	31.4	41.4	52.1	60.4	68.0	78.4	93.4	128.7	201.2	312.4	449.0
-15°	30.2	39.7	50.3	59.2	66.4	75.9	90.0	115.7	174.9	273.6	403.6
-17.5°	28.9	37.8	48.2	57.9	64.6	72.8	85.8	102.0	150.9	237.4	355.0
-20°	27.4	35.7	45.8	56.3	62.7	70.0	81.6	96.2	132.3	200.6	300.0



REPORT NUMBER: P722789 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_BLUE-ONLY

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	25.8	33.3	43.1	53.6	60.9	67.9	77.3	89.9	111.3	160.1	245.1
-25°	24.2	31.3	40.2	50.3	58.9	65.5	72.9	83.5	97.2	134.2	197.3
-27.5°	22.7	29.3	37.3	46.8	56.5	62.9	69.6	78.5	89.6	107.2	150.5
-30°	21.0	27.1	34.3	43.1	52.7	60.1	66.5	73.3	82.5	93.9	119.9
-32.5°	19.2	24.8	31.5	39.5	48.3	57.0	63.2	69.2	76.6	85.5	96.0
-35°	17.3	22.7	28.8	35.9	43.6	52.5	59.5	65.3	70.9	78.6	87.2
-37.5°	15.6	20.4	25.8	32.3	39.5	47.3	55.6	61.2	66.6	71.8	79.2
-40°	13.7	18.1	23.1	28.8	35.2	42.3	49.9	57.0	62.0	67.0	71.8
-42.5°	11.8	15.9	20.3	25.1	31.0	37.3	44.1	51.2	57.4	62.0	66.6
-45°	10.5	13.7	17.6	22.0	26.8	32.3	38.5	45.0	51.3	57.0	61.2
-47.5°	9.1	11.6	15.1	18.8	23.0	27.7	32.8	38.6	44.4	50.1	55.6
-50°	7.7	10.0	12.5	15.9	19.5	23.3	27.7	32.3	37.5	42.8	47.9
-52.5°	6.6	8.4	10.5	13.0	16.2	19.5	23.0	26.8	31.0	35.3	40.1
-55°	5.4	7.0	8.7	10.7	13.0	15.9	18.8	22.0	25.1	28.8	32.5
-57.5°	4.5	5.7	7.1	8.7	10.5	12.5	15.1	17.6	20.3	23.1	26.1
-60°	3.7	4.6	5.7	7.0	8.4	10.0	11.6	13.7	15.9	18.1	20.6
-62.5°	2.9	3.7	4.5	5.4	6.6	7.7	9.1	10.5	11.8	13.7	15.6
-65°	2.5	2.9	3.5	4.2	4.9	5.9	6.9	7.9	9.0	10.2	11.3
-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: P722789 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_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	8.9	9.5	10.0	10.5	10.9	11.2	11.5
67.5°	9.2	10.1	11.0	11.7	12.7	13.7	14.6	15.4	16.1	16.7	17.1
65°	12.6	14.1	15.5	16.8	18.1	19.4	20.5	21.6	22.5	23.2	23.9
62.5°	17.3	19.3	21.3	23.1	24.5	26.0	27.7	29.0	30.0	30.8	31.9
60°	23.1	25.7	28.0	30.3	32.6	35.0	36.7	38.1	39.4	40.6	41.9
57.5°	29.3	32.2	35.1	38.4	41.4	44.0	46.4	48.5	50.3	51.8	53.1
55°	36.3	40.3	44.0	47.8	51.3	54.6	57.2	58.5	59.5	60.4	61.2
52.5°	44.6	49.1	53.6	57.5	59.8	61.8	63.7	65.1	66.5	67.7	68.9
50°	53.0	57.5	60.6	63.3	65.8	68.0	70.0	72.5	75.4	78.1	80.1
47.5°	59.6	63.2	66.4	69.1	72.2	76.4	80.2	83.9	87.9	91.1	93.5
45°	65.3	69.0	72.7	77.6	82.3	87.9	93.4	98.3	109.3	119.3	127.5
42.5°	70.9	76.4	82.0	88.3	94.6	106.4	123.9	140.0	162.7	190.1	214.1
40°	78.6	85.5	93.1	104.0	125.1	146.6	189.0	227.2	264.5	303.5	336.9
37.5°	87.2	96.0	115.4	139.5	186.1	234.6	289.0	340.6	386.7	435.3	474.8
35°	96.9	122.6	153.6	215.4	276.9	344.5	409.3	472.6	528.7	575.7	614.9
32.5°	125.0	165.1	232.0	306.2	382.5	464.1	541.7	603.0	657.0	714.6	771.3
30°	163.2	234.3	317.6	403.4	495.0	581.6	657.5	738.0	818.5	898.5	992.9
27.5°	222.8	311.0	407.3	506.5	601.6	691.7	799.6	911.0	1047.6	1174.0	1272.5
25°	284.5	391.1	498.4	603.1	707.4	828.5	981.7	1145.1	1300.2	1432.7	1537.0
22.5°	354.9	469.4	583.0	694.4	830.7	1008.4	1199.8	1383.4	1545.4	1681.7	1802.6
20°	421.0	541.9	661.4	803.5	989.7	1208.6	1412.3	1594.9	1769.3	1930.1	2071.6
17.5°	482.7	608.3	746.0	917.9	1163.6	1382.8	1593.8	1798.0	1994.8	2170.6	2340.6
15°	539.5	668.2	832.6	1058.1	1302.7	1542.4	1772.9	1994.4	2223.0	2427.6	2630.2
12.5°	588.3	728.6	917.0	1176.6	1431.9	1680.3	1931.7	2185.0	2439.9	2690.5	2914.7
10°	626.9	787.7	1008.7	1276.4	1548.3	1801.9	2068.6	2353.4	2652.9	2939.7	3185.8
7.5°	655.3	832.5	1080.0	1358.8	1635.0	1900.7	2191.0	2501.6	2825.8	3137.0	3402.0
5°	675.9	864.3	1132.2	1418.6	1698.7	1981.2	2280.8	2627.7	2963.1	3279.3	3525.4
2.5°	688.9	883.0	1163.3	1456.0	1743.1	2028.7	2340.9	2704.9	3037.5	3367.7	3601.0
0°	694.1	888.1	1167.1	1463.2	1751.2	2043.3	2370.3	2741.3	3062.4	3401.4	3621.5
-2.5°	688.9	883.0	1163.3	1456.0	1743.1	2028.7	2340.9	2704.9	3037.5	3367.7	3601.0
-5°	675.9	864.3	1132.2	1418.6	1698.7	1981.2	2280.8	2627.7	2963.1	3279.3	3525.4
-7.5°	655.3	832.5	1080.0	1358.8	1635.0	1900.7	2191.0	2501.6	2825.8	3137.0	3402.0
-10°	626.9	787.7	1008.7	1276.4	1548.3	1801.9	2068.6	2353.4	2652.9	2939.7	3185.8
-12.5°	588.3	728.6	917.0	1176.6	1431.9	1680.3	1931.7	2185.0	2439.9	2690.5	2914.7
-15°	539.5	668.2	832.6	1058.1	1302.7	1542.4	1772.9	1994.4	2223.0	2427.6	2630.2
-17.5°	482.7	608.3	746.0	917.9	1163.6	1382.8	1593.8	1798.0	1994.8	2170.6	2340.6
-20°	421.0	541.9	661.4	803.5	989.7	1208.6	1412.3	1594.9	1769.3	1930.1	2071.6



REPORT NUMBER: P722789 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_BLUE-ONLY

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	354.9	469.4	583.0	694.4	830.7	1008.4	1199.8	1383.4	1545.4	1681.7	1802.6
-25°	284.5	391.1	498.4	603.1	707.4	828.5	981.7	1145.1	1300.2	1432.7	1537.0
-27.5°	222.8	311.0	407.3	506.5	601.6	691.7	799.6	911.0	1047.6	1174.0	1272.5
-30°	163.2	234.3	317.6	403.4	495.0	581.6	657.5	738.0	818.5	898.5	992.9
-32.5°	125.0	165.1	232.0	306.2	382.5	464.1	541.7	603.0	657.0	714.6	771.3
-35°	96.9	122.6	153.6	215.4	276.9	344.5	409.3	472.6	528.7	575.7	614.9
-37.5°	87.2	96.0	115.4	139.5	186.1	234.6	289.0	340.6	386.7	435.3	474.8
-40°	78.6	85.5	93.1	104.0	125.1	146.6	189.0	227.2	264.5	303.5	336.9
-42.5°	70.9	76.4	82.0	88.3	94.6	106.4	123.9	140.0	162.7	190.1	214.1
-45°	65.3	69.0	72.7	77.6	82.3	87.9	93.4	98.3	109.3	119.3	127.5
-47.5°	59.6	63.2	66.4	69.1	72.2	76.4	80.2	83.9	87.9	91.1	93.5
-50°	53.0	57.5	60.6	63.3	65.8	68.0	70.0	72.5	75.4	78.1	80.1
-52.5°	44.6	49.1	53.6	57.5	59.8	61.8	63.7	65.1	66.5	67.7	68.9
-55°	36.3	40.3	44.0	47.8	51.3	54.6	57.2	58.5	59.5	60.4	61.2
-57.5°	29.3	32.2	35.1	38.4	41.4	44.0	46.4	48.5	50.3	51.8	53.1
-60°	23.1	25.7	28.0	30.3	32.6	35.0	36.7	38.1	39.4	40.6	41.9
-62.5°	17.3	19.3	21.3	23.1	24.5	26.0	27.7	29.0	30.0	30.8	31.9
-65°	12.6	14.1	15.5	16.8	18.1	19.4	20.5	21.6	22.5	23.2	23.9
-67.5°	9.2	10.1	11.0	11.7	12.7	13.7	14.6	15.4	16.1	16.7	17.1
-70°	6.5	7.1	7.7	8.3	8.9	9.5	10.0	10.5	10.9	11.2	11.5
-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: P722789 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_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°	11.7	11.9	12.0	12.0	12.0	11.9	11.7	11.5	11.2	10.9	10.5
67.5°	17.5	17.8	17.9	18.0	17.9	17.8	17.5	17.1	16.7	16.1	15.4
65°	24.4	24.7	25.4	26.0	25.4	24.7	24.4	23.9	23.2	22.5	21.6
62.5°	32.8	33.5	34.3	35.0	34.3	33.5	32.8	31.9	30.8	30.0	29.0
60°	42.8	43.5	43.9	44.0	43.9	43.5	42.8	41.9	40.6	39.4	38.1
57.5°	54.0	54.5	54.8	55.0	54.8	54.5	54.0	53.1	51.8	50.3	48.5
55°	62.0	62.5	62.9	63.0	62.9	62.5	62.0	61.2	60.4	59.5	58.5
52.5°	69.8	70.5	70.9	71.0	70.9	70.5	69.8	68.9	67.7	66.5	65.1
50°	81.4	82.3	82.8	83.0	82.8	82.3	81.4	80.1	78.1	75.4	72.5
47.5°	95.4	96.8	97.7	98.0	97.7	96.8	95.4	93.5	91.1	87.9	83.9
45°	134.6	139.8	143.9	147.0	143.9	139.8	134.6	127.5	119.3	109.3	98.3
42.5°	232.8	246.2	255.1	260.0	255.1	246.2	232.8	214.1	190.1	162.7	140.0
40°	362.5	381.5	393.4	397.0	393.4	381.5	362.5	336.9	303.5	264.5	227.2
37.5°	504.1	524.3	536.9	545.1	536.9	524.3	504.1	474.8	435.3	386.7	340.6
35°	645.4	665.9	678.2	686.1	678.2	665.9	645.4	614.9	575.7	528.7	472.6
32.5°	815.6	847.9	868.6	876.1	868.6	847.9	815.6	771.3	714.6	657.0	603.0
30°	1064.4	1122.2	1159.9	1171.1	1159.9	1122.2	1064.4	992.9	898.5	818.5	738.0
27.5°	1357.4	1415.6	1451.1	1455.2	1451.1	1415.6	1357.4	1272.5	1174.0	1047.6	911.0
25°	1622.9	1690.6	1743.5	1743.2	1743.5	1690.6	1622.9	1537.0	1432.7	1300.2	1145.1
22.5°	1900.6	1972.3	2020.8	2057.3	2020.8	1972.3	1900.6	1802.6	1681.7	1545.4	1383.4
20°	2186.3	2268.4	2324.6	2325.3	2324.6	2268.4	2186.3	2071.6	1930.1	1769.3	1594.9
17.5°	2485.4	2585.2	2662.1	2689.8	2662.1	2585.2	2485.4	2340.6	2170.6	1994.8	1798.0
15°	2798.1	2940.8	3036.2	3073.4	3036.2	2940.8	2798.1	2630.2	2427.6	2223.0	1994.4
12.5°	3122.2	3281.6	3371.4	3400.4	3371.4	3281.6	3122.2	2914.7	2690.5	2439.9	2185.0
10°	3386.4	3514.4	3587.8	3621.5	3587.8	3514.4	3386.4	3185.8	2939.7	2652.9	2353.4
7.5°	3556.8	3682.1	3772.1	3794.5	3772.1	3682.1	3556.8	3402.0	3137.0	2825.8	2501.6
5°	3688.8	3814.0	3893.3	3925.5	3893.3	3814.0	3688.8	3525.4	3279.3	2963.1	2627.7
2.5°	3760.1	3882.5	3952.2	3981.5	3952.2	3882.5	3760.1	3601.0	3367.7	3037.5	2704.9
0°	3782.0	3894.5	3956.5	3985.5	3956.5	3894.5	3782.0	3621.5	3401.4	3062.4	2741.3
-2.5°	3760.1	3882.5	3952.2	3981.5	3952.2	3882.5	3760.1	3601.0	3367.7	3037.5	2704.9
-5°	3688.8	3814.0	3893.3	3925.5	3893.3	3814.0	3688.8	3525.4	3279.3	2963.1	2627.7
-7.5°	3556.8	3682.1	3772.1	3794.5	3772.1	3682.1	3556.8	3402.0	3137.0	2825.8	2501.6
-10°	3386.4	3514.4	3587.8	3621.5	3587.8	3514.4	3386.4	3185.8	2939.7	2652.9	2353.4
-12.5°	3122.2	3281.6	3371.4	3400.4	3371.4	3281.6	3122.2	2914.7	2690.5	2439.9	2185.0
-15°	2798.1	2940.8	3036.2	3073.4	3036.2	2940.8	2798.1	2630.2	2427.6	2223.0	1994.4
-17.5°	2485.4	2585.2	2662.1	2689.8	2662.1	2585.2	2485.4	2340.6	2170.6	1994.8	1798.0
-20°	2186.3	2268.4	2324.6	2325.3	2324.6	2268.4	2186.3	2071.6	1930.1	1769.3	1594.9



REPORT NUMBER: P722789 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_BLUE-ONLY

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1900.6	1972.3	2020.8	2057.3	2020.8	1972.3	1900.6	1802.6	1681.7	1545.4	1383.4
-25°	1622.9	1690.6	1743.5	1743.2	1743.5	1690.6	1622.9	1537.0	1432.7	1300.2	1145.1
-27.5°	1357.4	1415.6	1451.1	1455.2	1451.1	1415.6	1357.4	1272.5	1174.0	1047.6	911.0
-30°	1064.4	1122.2	1159.9	1171.1	1159.9	1122.2	1064.4	992.9	898.5	818.5	738.0
-32.5°	815.6	847.9	868.6	876.1	868.6	847.9	815.6	771.3	714.6	657.0	603.0
-35°	645.4	665.9	678.2	686.1	678.2	665.9	645.4	614.9	575.7	528.7	472.6
-37.5°	504.1	524.3	536.9	545.1	536.9	524.3	504.1	474.8	435.3	386.7	340.6
-40°	362.5	381.5	393.4	397.0	393.4	381.5	362.5	336.9	303.5	264.5	227.2
-42.5°	232.8	246.2	255.1	260.0	255.1	246.2	232.8	214.1	190.1	162.7	140.0
-45°	134.6	139.8	143.9	147.0	143.9	139.8	134.6	127.5	119.3	109.3	98.3
-47.5°	95.4	96.8	97.7	98.0	97.7	96.8	95.4	93.5	91.1	87.9	83.9
-50°	81.4	82.3	82.8	83.0	82.8	82.3	81.4	80.1	78.1	75.4	72.5
-52.5°	69.8	70.5	70.9	71.0	70.9	70.5	69.8	68.9	67.7	66.5	65.1
-55°	62.0	62.5	62.9	63.0	62.9	62.5	62.0	61.2	60.4	59.5	58.5
-57.5°	54.0	54.5	54.8	55.0	54.8	54.5	54.0	53.1	51.8	50.3	48.5
-60°	42.8	43.5	43.9	44.0	43.9	43.5	42.8	41.9	40.6	39.4	38.1
-62.5°	32.8	33.5	34.3	35.0	34.3	33.5	32.8	31.9	30.8	30.0	29.0
-65°	24.4	24.7	25.4	26.0	25.4	24.7	24.4	23.9	23.2	22.5	21.6
-67.5°	17.5	17.8	17.9	18.0	17.9	17.8	17.5	17.1	16.7	16.1	15.4
-70°	11.7	11.9	12.0	12.0	12.0	11.9	11.7	11.5	11.2	10.9	10.5
-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: P722789 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_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°	10.0	9.5	8.9	8.3	7.7	7.1	6.5	5.9	5.2	4.7	4.2
67.5°	14.6	13.7	12.7	11.7	11.0	10.1	9.2	8.3	7.5	6.7	5.8
65°	20.5	19.4	18.1	16.8	15.5	14.1	12.6	11.3	10.2	9.0	7.9
62.5°	27.7	26.0	24.5	23.1	21.3	19.3	17.3	15.6	13.7	11.8	10.5
60°	36.7	35.0	32.6	30.3	28.0	25.7	23.1	20.6	18.1	15.9	13.7
57.5°	46.4	44.0	41.4	38.4	35.1	32.2	29.3	26.1	23.1	20.3	17.6
55°	57.2	54.6	51.3	47.8	44.0	40.3	36.3	32.5	28.8	25.1	22.0
52.5°	63.7	61.8	59.8	57.5	53.6	49.1	44.6	40.1	35.3	31.0	26.8
50°	70.0	68.0	65.8	63.3	60.6	57.5	53.0	47.9	42.8	37.5	32.3
47.5°	80.2	76.4	72.2	69.1	66.4	63.2	59.6	55.6	50.1	44.4	38.6
45°	93.4	87.9	82.3	77.6	72.7	69.0	65.3	61.2	57.0	51.3	45.0
42.5°	123.9	106.4	94.6	88.3	82.0	76.4	70.9	66.6	62.0	57.4	51.2
40°	189.0	146.6	125.1	104.0	93.1	85.5	78.6	71.8	67.0	62.0	57.0
37.5°	289.0	234.6	186.1	139.5	115.4	96.0	87.2	79.2	71.8	66.6	61.2
35°	409.3	344.5	276.9	215.4	153.6	122.6	96.9	87.2	78.6	70.9	65.3
32.5°	541.7	464.1	382.5	306.2	232.0	165.1	125.0	96.0	85.5	76.6	69.2
30°	657.5	581.6	495.0	403.4	317.6	234.3	163.2	119.9	93.9	82.5	73.3
27.5°	799.6	691.7	601.6	506.5	407.3	311.0	222.8	150.5	107.2	89.6	78.5
25°	981.7	828.5	707.4	603.1	498.4	391.1	284.5	197.3	134.2	97.2	83.5
22.5°	1199.8	1008.4	830.7	694.4	583.0	469.4	354.9	245.1	160.1	111.3	89.9
20°	1412.3	1208.6	989.7	803.5	661.4	541.9	421.0	300.0	200.6	132.3	96.2
17.5°	1593.8	1382.8	1163.6	917.9	746.0	608.3	482.7	355.0	237.4	150.9	102.0
15°	1772.9	1542.4	1302.7	1058.1	832.6	668.2	539.5	403.6	273.6	174.9	115.7
12.5°	1931.7	1680.3	1431.9	1176.6	917.0	728.6	588.3	449.0	312.4	201.2	128.7
10°	2068.6	1801.9	1548.3	1276.4	1008.7	787.7	626.9	486.7	345.5	223.1	140.0
7.5°	2191.0	1900.7	1635.0	1358.8	1080.0	832.5	655.3	514.7	372.3	240.2	149.4
5°	2280.8	1981.2	1698.7	1418.6	1132.2	864.3	675.9	533.2	392.4	252.4	156.7
2.5°	2340.9	2028.7	1743.1	1456.0	1163.3	883.0	688.9	545.1	403.9	260.1	160.2
0°	2370.3	2043.3	1751.2	1463.2	1167.1	888.1	694.1	551.1	407.1	263.0	161.0
-2.5°	2340.9	2028.7	1743.1	1456.0	1163.3	883.0	688.9	545.1	403.9	260.1	160.2
-5°	2280.8	1981.2	1698.7	1418.6	1132.2	864.3	675.9	533.2	392.4	252.4	156.7
-7.5°	2191.0	1900.7	1635.0	1358.8	1080.0	832.5	655.3	514.7	372.3	240.2	149.4
-10°	2068.6	1801.9	1548.3	1276.4	1008.7	787.7	626.9	486.7	345.5	223.1	140.0
-12.5°	1931.7	1680.3	1431.9	1176.6	917.0	728.6	588.3	449.0	312.4	201.2	128.7
-15°	1772.9	1542.4	1302.7	1058.1	832.6	668.2	539.5	403.6	273.6	174.9	115.7
-17.5°	1593.8	1382.8	1163.6	917.9	746.0	608.3	482.7	355.0	237.4	150.9	102.0
-20°	1412.3	1208.6	989.7	803.5	661.4	541.9	421.0	300.0	200.6	132.3	96.2



REPORT NUMBER: P722789 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_BLUE-ONLY

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1199.8	1008.4	830.7	694.4	583.0	469.4	354.9	245.1	160.1	111.3	89.9
-25°	981.7	828.5	707.4	603.1	498.4	391.1	284.5	197.3	134.2	97.2	83.5
-27.5°	799.6	691.7	601.6	506.5	407.3	311.0	222.8	150.5	107.2	89.6	78.5
-30°	657.5	581.6	495.0	403.4	317.6	234.3	163.2	119.9	93.9	82.5	73.3
-32.5°	541.7	464.1	382.5	306.2	232.0	165.1	125.0	96.0	85.5	76.6	69.2
-35°	409.3	344.5	276.9	215.4	153.6	122.6	96.9	87.2	78.6	70.9	65.3
-37.5°	289.0	234.6	186.1	139.5	115.4	96.0	87.2	79.2	71.8	66.6	61.2
-40°	189.0	146.6	125.1	104.0	93.1	85.5	78.6	71.8	67.0	62.0	57.0
-42.5°	123.9	106.4	94.6	88.3	82.0	76.4	70.9	66.6	62.0	57.4	51.2
-45°	93.4	87.9	82.3	77.6	72.7	69.0	65.3	61.2	57.0	51.3	45.0
-47.5°	80.2	76.4	72.2	69.1	66.4	63.2	59.6	55.6	50.1	44.4	38.6
-50°	70.0	68.0	65.8	63.3	60.6	57.5	53.0	47.9	42.8	37.5	32.3
-52.5°	63.7	61.8	59.8	57.5	53.6	49.1	44.6	40.1	35.3	31.0	26.8
-55°	57.2	54.6	51.3	47.8	44.0	40.3	36.3	32.5	28.8	25.1	22.0
-57.5°	46.4	44.0	41.4	38.4	35.1	32.2	29.3	26.1	23.1	20.3	17.6
-60°	36.7	35.0	32.6	30.3	28.0	25.7	23.1	20.6	18.1	15.9	13.7
-62.5°	27.7	26.0	24.5	23.1	21.3	19.3	17.3	15.6	13.7	11.8	10.5
-65°	20.5	19.4	18.1	16.8	15.5	14.1	12.6	11.3	10.2	9.0	7.9
-67.5°	14.6	13.7	12.7	11.7	11.0	10.1	9.2	8.3	7.5	6.7	5.8
-70°	10.0	9.5	8.9	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: P722789 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_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°	9.1	7.7	6.6	5.4	4.5	3.7	2.9	2.5	2.1	2.0	2.0
60°	11.6	10.0	8.4	7.0	5.7	4.6	3.7	2.9	2.4	2.0	2.0
57.5°	15.1	12.5	10.5	8.7	7.1	5.7	4.5	3.5	2.7	2.2	2.0
55°	18.8	15.9	13.0	10.7	8.7	7.0	5.4	4.2	3.1	2.5	2.0
52.5°	23.0	19.5	16.2	13.0	10.5	8.4	6.6	4.9	3.8	2.8	2.2
50°	27.7	23.3	19.5	15.9	12.5	10.0	7.7	5.9	4.4	3.2	2.5
47.5°	32.8	27.7	23.0	18.8	15.1	11.6	9.1	6.9	5.0	3.7	2.7
45°	38.5	32.3	26.8	22.0	17.6	13.7	10.5	7.9	5.8	4.2	2.9
42.5°	44.1	37.3	31.0	25.1	20.3	15.9	11.8	9.0	6.7	4.7	3.2
40°	49.9	42.3	35.2	28.8	23.1	18.1	13.7	10.2	7.5	5.2	3.7
37.5°	55.6	47.3	39.5	32.3	25.8	20.4	15.6	11.3	8.3	5.9	4.0
35°	59.5	52.5	43.6	35.9	28.8	22.7	17.3	12.6	9.2	6.5	4.4
32.5°	63.2	57.0	48.3	39.5	31.5	24.8	19.2	14.1	10.1	7.1	4.8
30°	66.5	60.1	52.7	43.1	34.3	27.1	21.0	15.4	11.0	7.7	5.1
27.5°	69.6	62.9	56.5	46.8	37.3	29.3	22.7	16.6	11.7	8.3	5.6
25°	72.9	65.5	58.9	50.3	40.2	31.3	24.2	17.7	12.6	8.9	6.0
22.5°	77.3	67.9	60.9	53.6	43.1	33.3	25.8	19.0	13.5	9.5	6.4
20°	81.6	70.0	62.7	56.3	45.8	35.7	27.4	20.1	14.3	10.0	6.7
17.5°	85.8	72.8	64.6	57.9	48.2	37.8	28.9	21.2	14.9	10.5	7.0
15°	90.0	75.9	66.4	59.2	50.3	39.7	30.2	22.2	15.5	10.9	7.3
12.5°	93.4	78.4	68.0	60.4	52.1	41.4	31.4	23.0	15.9	11.2	7.5
10°	96.1	80.2	69.4	61.3	53.5	42.7	32.4	23.7	16.3	11.5	7.7
7.5°	98.1	81.4	70.6	62.0	54.6	43.6	33.1	24.3	16.6	11.7	7.8
5°	99.5	82.2	71.2	62.6	55.4	44.0	33.6	24.7	16.8	11.9	7.9
2.5°	100.1	82.8	71.2	62.9	55.8	44.2	33.9	24.9	17.0	12.0	8.0
0°	100.0	83.0	71.0	63.0	56.0	44.0	34.0	25.0	17.0	12.0	8.0
-2.5°	100.1	82.8	71.2	62.9	55.8	44.2	33.9	24.9	17.0	12.0	8.0
-5°	99.5	82.2	71.2	62.6	55.4	44.0	33.6	24.7	16.8	11.9	7.9
-7.5°	98.1	81.4	70.6	62.0	54.6	43.6	33.1	24.3	16.6	11.7	7.8
-10°	96.1	80.2	69.4	61.3	53.5	42.7	32.4	23.7	16.3	11.5	7.7
-12.5°	93.4	78.4	68.0	60.4	52.1	41.4	31.4	23.0	15.9	11.2	7.5
-15°	90.0	75.9	66.4	59.2	50.3	39.7	30.2	22.2	15.5	10.9	7.3
-17.5°	85.8	72.8	64.6	57.9	48.2	37.8	28.9	21.2	14.9	10.5	7.0
-20°	81.6	70.0	62.7	56.3	45.8	35.7	27.4	20.1	14.3	10.0	6.7



REPORT NUMBER: P722789 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_BLUE-ONLY

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	77.3	67.9	60.9	53.6	43.1	33.3	25.8	19.0	13.5	9.5	6.4
-25°	72.9	65.5	58.9	50.3	40.2	31.3	24.2	17.7	12.6	8.9	6.0
-27.5°	69.6	62.9	56.5	46.8	37.3	29.3	22.7	16.6	11.7	8.3	5.6
-30°	66.5	60.1	52.7	43.1	34.3	27.1	21.0	15.4	11.0	7.7	5.1
-32.5°	63.2	57.0	48.3	39.5	31.5	24.8	19.2	14.1	10.1	7.1	4.8
-35°	59.5	52.5	43.6	35.9	28.8	22.7	17.3	12.6	9.2	6.5	4.4
-37.5°	55.6	47.3	39.5	32.3	25.8	20.4	15.6	11.3	8.3	5.9	4.0
-40°	49.9	42.3	35.2	28.8	23.1	18.1	13.7	10.2	7.5	5.2	3.7
-42.5°	44.1	37.3	31.0	25.1	20.3	15.9	11.8	9.0	6.7	4.7	3.2
-45°	38.5	32.3	26.8	22.0	17.6	13.7	10.5	7.9	5.8	4.2	2.9
-47.5°	32.8	27.7	23.0	18.8	15.1	11.6	9.1	6.9	5.0	3.7	2.7
-50°	27.7	23.3	19.5	15.9	12.5	10.0	7.7	5.9	4.4	3.2	2.5
-52.5°	23.0	19.5	16.2	13.0	10.5	8.4	6.6	4.9	3.8	2.8	2.2
-55°	18.8	15.9	13.0	10.7	8.7	7.0	5.4	4.2	3.1	2.5	2.0
-57.5°	15.1	12.5	10.5	8.7	7.1	5.7	4.5	3.5	2.7	2.2	2.0
-60°	11.6	10.0	8.4	7.0	5.7	4.6	3.7	2.9	2.4	2.0	2.0
-62.5°	9.1	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: P722789 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_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: P722789 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_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)