

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: P722777 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 11/1/2023

Test Information

Test Method: LM-79-08
Report Number: P722777 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2308-140-7)
Test Lab: INNOVATION CENTER
Issue Date: 11/1/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: EPH-LS-16-720PL-RGB-2R_BLUE-ONLY
Description: LUMASPORT 16 PRISM RGB
Light Source: -
Ballast/Driver: -

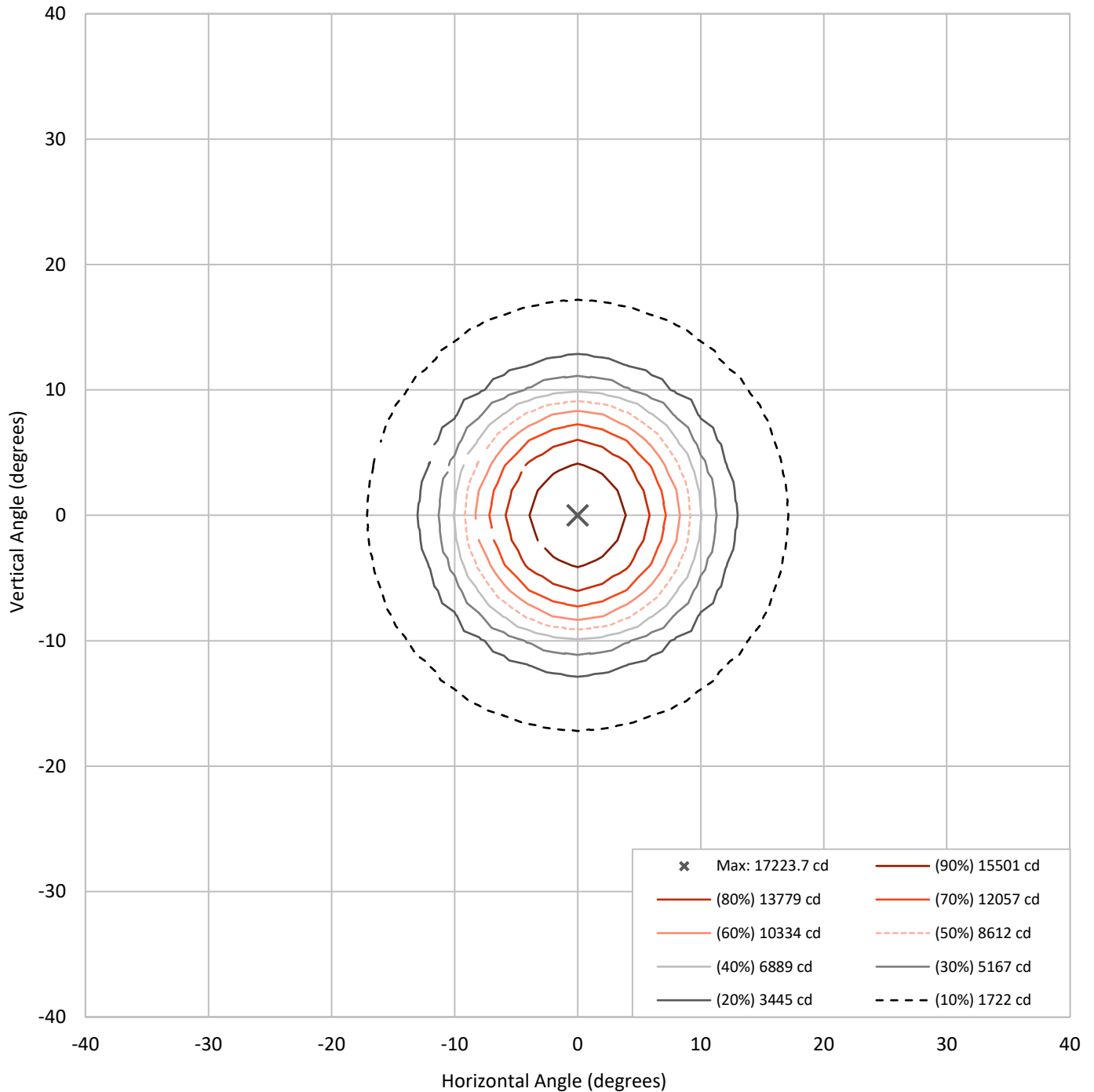
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	2746.8 lumens	Max Intensity:	17223.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	13.3 lumens/watt		
Luminous Opening:	Circular (Dia: 1.67' x H: 0')		
Beam Angle (50%):	18.4°H x 18.2°V	Field Angle (10%):	34°H x 34.2°V
Beam Lumens:	1055.3 lumens	Field Lumens:	1729.7 lumens
Beam Efficiency:	38.4%	Field Efficiency:	63.0%
Input Watts (W):	206.1		
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: P722777 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Iso-Candela Plot





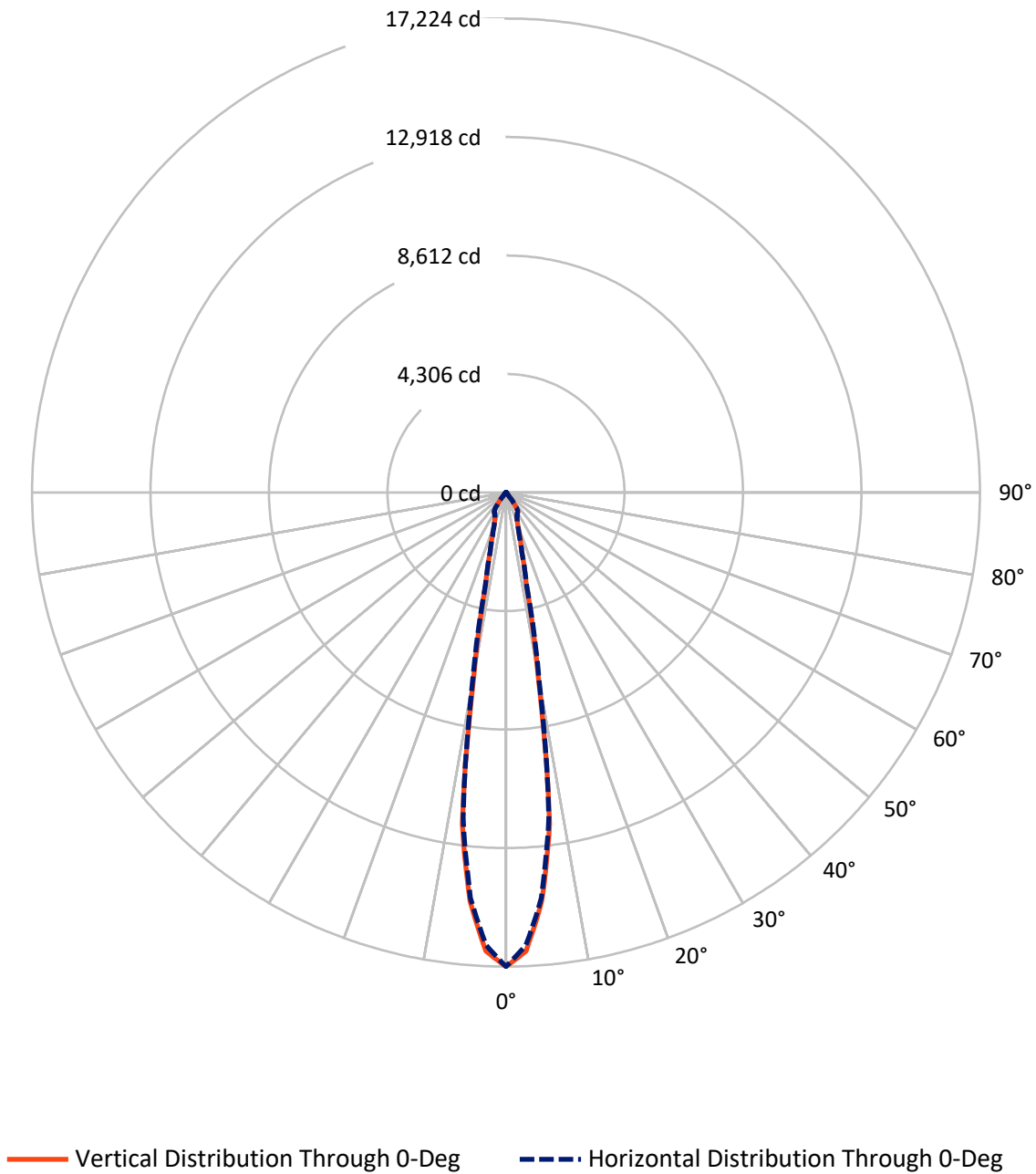
REPORT NUMBER: P722777 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_BLUE-ONLY

Lumen Table

90	0.0	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.0									
80	0.0	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
60		0.0	0.1	0.1	0.2	0.2	0.3	0.5	0.5	0.3	0.2	0.2	0.1	0.1	0.0			
50	0.0	0.0	0.1	0.2	0.3	0.5	1.0	1.7	1.7	1.0	0.5	0.3	0.2	0.1	0.0	0.0	0.0	0.0
40		0.0	0.1	0.2	0.7	4.2	11.3	16.6	16.6	11.3	4.2	0.7	0.2	0.1	0.0			
30	0.0	0.1	0.2	0.4	3.6	16.6	25.1	29.0	29.0	25.1	16.6	3.6	0.4	0.2	0.1	0.0	0.0	0.0
20		0.1	0.2	0.8	9.9	23.5	35.8	68.9	68.9	35.8	23.5	9.9	0.8	0.2	0.1			
10	0.1	0.1	0.3	1.3	14.1	26.3	68.2	322.6	322.6	68.2	26.3	14.1	1.3	0.3	0.1	0.1	0.1	0.1
0		0.1	0.3	1.3	14.1	26.3	68.2	322.6	322.6	68.2	26.3	14.1	1.3	0.3	0.1			
-10	0.0	0.1	0.2	0.8	9.9	23.5	35.8	68.9	68.9	35.8	23.5	9.9	0.8	0.2	0.1	0.0	0.0	0.0
-20		0.1	0.2	0.4	3.6	16.6	25.1	29.0	29.0	25.1	16.6	3.6	0.4	0.2	0.1			
-30	0.0	0.0	0.1	0.2	0.7	4.2	11.3	16.6	16.6	11.3	4.2	0.7	0.2	0.1	0.0	0.0	0.0	0.0
-40		0.0	0.1	0.2	0.3	0.5	1.0	1.7	1.7	1.0	0.5	0.3	0.2	0.1	0.0			
-50	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.5	0.5	0.3	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0
-60		0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.0			
-70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
-80		0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0			
-90	0.0	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

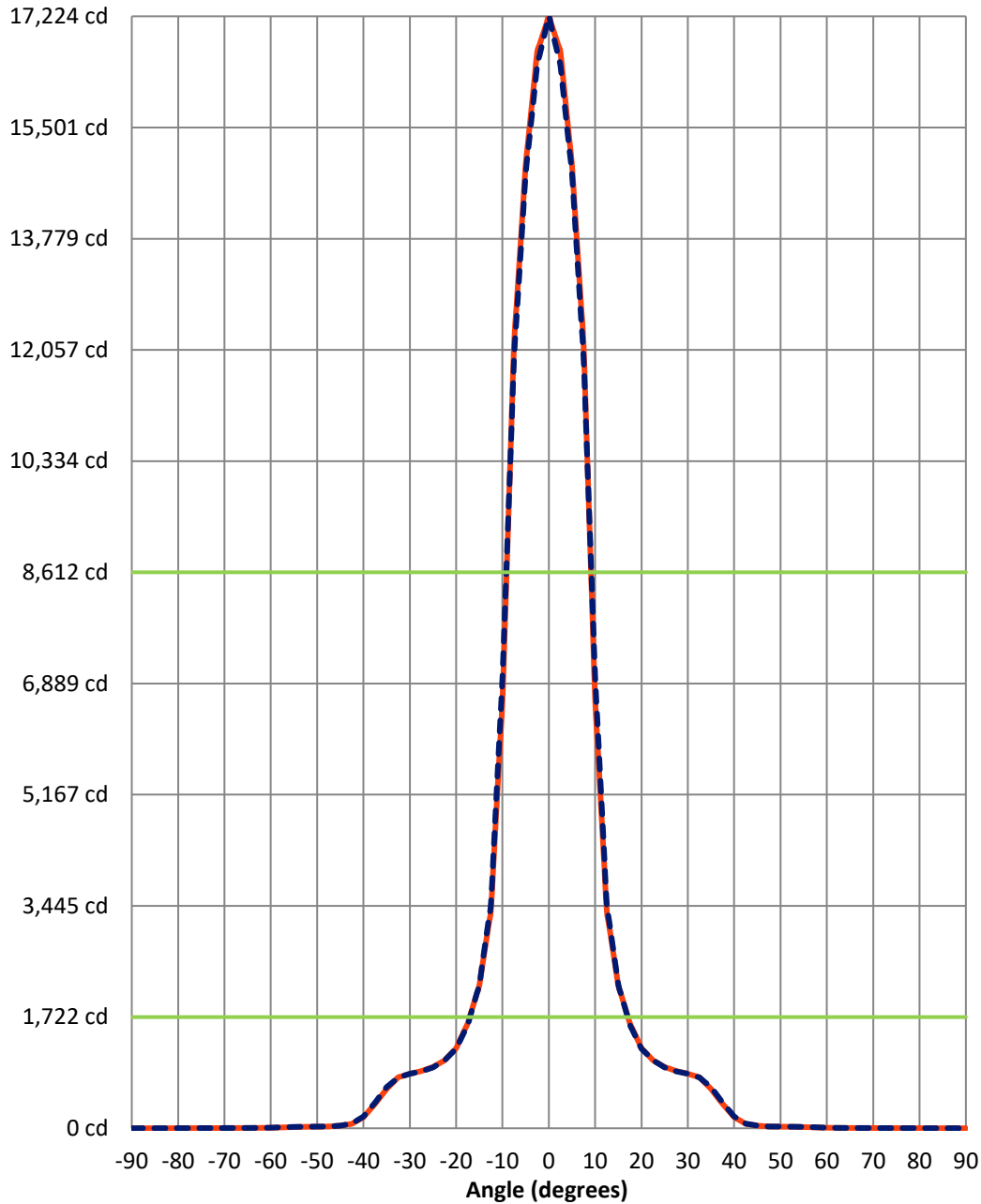
REPORT NUMBER: P722777 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_BLUE-ONLY

Luminous Intensity Polar Plot



REPORT NUMBER: P722777 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_BLUE-ONLY

Luminous Intensity Plot



Beam:
 H Angle: 18.4°
 V Angle: 18.2°
 Lumens: 1055.3
 Efficiency: 38.4%

Field:
 H Angle: 34°
 V Angle: 34.2°
 Lumens: 1729.7
 Efficiency: 63.0%

Spill:
 Lumens: 1017.1
 Efficiency: 37.0%

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



REPORT NUMBER: P722777 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_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	1.0
75°	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0
72.5°	0.0	0.3	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70°	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3
67.5°	0.0	0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.4	1.7
65°	0.0	0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.3	1.7	2.0
62.5°	0.0	0.5	0.9	1.0	1.0	1.0	1.0	1.2	1.6	2.0	2.0
60°	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.5	1.9	2.0	2.0
57.5°	0.0	0.5	1.0	1.0	1.0	1.0	1.2	1.7	2.0	2.0	2.2
55°	0.0	0.6	1.0	1.0	1.0	1.0	1.4	2.0	2.0	2.1	2.6
52.5°	0.0	0.6	1.0	1.0	1.0	1.0	1.6	2.0	2.0	2.4	3.0
50°	0.0	0.6	1.0	1.0	1.0	1.2	1.8	2.0	2.1	2.7	3.0
47.5°	0.0	0.7	1.0	1.0	1.0	1.4	2.0	2.0	2.3	3.0	3.0
45°	0.0	0.7	1.0	1.0	1.0	1.5	2.0	2.0	2.6	3.0	3.0
42.5°	0.0	0.7	1.0	1.0	1.0	1.7	2.0	2.1	2.8	3.0	3.3
40°	0.0	0.8	1.0	1.0	1.1	1.8	2.0	2.3	3.0	3.0	3.6
37.5°	0.0	0.8	1.0	1.0	1.2	2.0	2.0	2.5	3.0	3.1	3.8
35°	0.0	0.8	1.0	1.0	1.3	2.0	2.0	2.7	3.0	3.3	4.0
32.5°	0.0	0.8	1.0	1.0	1.4	2.0	2.0	2.9	3.0	3.5	4.0
30°	0.0	0.9	1.0	1.0	1.5	2.0	2.2	3.0	3.0	3.7	4.0
27.5°	0.0	0.9	1.0	1.0	1.5	2.0	2.3	3.0	3.1	3.9	4.0
25°	0.0	0.9	1.0	1.0	1.6	2.0	2.4	3.0	3.2	4.0	4.0
22.5°	0.0	0.9	1.0	1.0	1.7	2.0	2.5	3.0	3.4	4.0	4.2
20°	0.0	0.9	1.0	1.0	1.8	2.0	2.6	3.0	3.5	4.0	4.4
17.5°	0.0	1.0	1.0	1.0	1.8	2.0	2.7	3.0	3.6	4.0	4.5
15°	0.0	1.0	1.0	1.0	1.9	2.0	2.8	3.0	3.7	4.0	4.6
12.5°	0.0	1.0	1.0	1.0	1.9	2.0	2.9	3.0	3.8	4.0	4.7
10°	0.0	1.0	1.0	1.0	1.9	2.0	2.9	3.0	3.9	4.0	4.8
7.5°	0.0	1.0	1.0	1.0	2.0	2.0	2.9	3.0	3.9	4.0	4.9
5°	0.0	1.0	1.0	1.0	2.0	2.0	3.0	3.0	4.0	4.0	5.0
2.5°	0.0	1.0	1.0	1.0	2.0	2.0	3.0	3.0	4.0	4.0	5.0
0°	0.0	1.0	1.0	1.0	2.0	2.0	3.0	3.0	4.0	4.0	5.0
-2.5°	0.0	1.0	1.0	1.0	2.0	2.0	3.0	3.0	4.0	4.0	5.0
-5°	0.0	1.0	1.0	1.0	2.0	2.0	3.0	3.0	4.0	4.0	5.0
-7.5°	0.0	1.0	1.0	1.0	2.0	2.0	2.9	3.0	3.9	4.0	4.9
-10°	0.0	1.0	1.0	1.0	1.9	2.0	2.9	3.0	3.9	4.0	4.8
-12.5°	0.0	1.0	1.0	1.0	1.9	2.0	2.9	3.0	3.8	4.0	4.7
-15°	0.0	1.0	1.0	1.0	1.9	2.0	2.8	3.0	3.7	4.0	4.6
-17.5°	0.0	1.0	1.0	1.0	1.8	2.0	2.7	3.0	3.6	4.0	4.5
-20°	0.0	0.9	1.0	1.0	1.8	2.0	2.6	3.0	3.5	4.0	4.4



REPORT NUMBER: P722777 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_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	1.0	1.7	2.0	2.5	3.0	3.4	4.0	4.2
-25°	0.0	0.9	1.0	1.0	1.6	2.0	2.4	3.0	3.2	4.0	4.0
-27.5°	0.0	0.9	1.0	1.0	1.5	2.0	2.3	3.0	3.1	3.9	4.0
-30°	0.0	0.9	1.0	1.0	1.5	2.0	2.2	3.0	3.0	3.7	4.0
-32.5°	0.0	0.8	1.0	1.0	1.4	2.0	2.0	2.9	3.0	3.5	4.0
-35°	0.0	0.8	1.0	1.0	1.3	2.0	2.0	2.7	3.0	3.3	4.0
-37.5°	0.0	0.8	1.0	1.0	1.2	2.0	2.0	2.5	3.0	3.1	3.8
-40°	0.0	0.8	1.0	1.0	1.1	1.8	2.0	2.3	3.0	3.0	3.6
-42.5°	0.0	0.7	1.0	1.0	1.0	1.7	2.0	2.1	2.8	3.0	3.3
-45°	0.0	0.7	1.0	1.0	1.0	1.5	2.0	2.0	2.6	3.0	3.0
-47.5°	0.0	0.7	1.0	1.0	1.0	1.4	2.0	2.0	2.3	3.0	3.0
-50°	0.0	0.6	1.0	1.0	1.0	1.2	1.8	2.0	2.1	2.7	3.0
-52.5°	0.0	0.6	1.0	1.0	1.0	1.0	1.6	2.0	2.0	2.4	3.0
-55°	0.0	0.6	1.0	1.0	1.0	1.0	1.4	2.0	2.0	2.1	2.6
-57.5°	0.0	0.5	1.0	1.0	1.0	1.0	1.2	1.7	2.0	2.0	2.2
-60°	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.5	1.9	2.0	2.0
-62.5°	0.0	0.5	0.9	1.0	1.0	1.0	1.0	1.2	1.6	2.0	2.0
-65°	0.0	0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.3	1.7	2.0
-67.5°	0.0	0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.4	1.7
-70°	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3
-72.5°	0.0	0.3	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-75°	0.0	0.3	0.5	0.8	1.0	1.0	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	1.0
-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: P722777 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_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	1.2	1.1
80°	1.0	1.0	1.0	1.0	1.1	1.3	1.5	1.8	1.7	1.6	1.4
77.5°	1.0	1.0	1.0	1.0	1.2	1.5	1.8	2.0	1.9	1.9	2.0
75°	1.0	1.0	1.2	1.4	1.7	1.9	2.0	2.0	2.0	2.0	2.0
72.5°	1.2	1.5	1.7	2.0	2.0	2.0	2.0	2.0	2.1	2.3	2.5
70°	1.6	1.9	2.0	2.0	2.0	2.1	2.3	2.6	2.8	3.0	3.0
67.5°	2.0	2.0	2.0	2.1	2.4	2.7	3.0	3.0	3.0	3.0	3.1
65°	2.0	2.0	2.2	2.6	3.0	3.0	3.0	3.0	3.3	3.6	3.8
62.5°	2.0	2.3	2.7	3.0	3.0	3.0	3.3	3.6	4.0	4.0	4.0
60°	2.3	2.8	3.0	3.0	3.1	3.5	3.9	4.0	4.0	4.0	4.3
57.5°	2.7	3.0	3.0	3.2	3.6	4.0	4.0	4.0	4.3	4.7	5.1
55°	3.0	3.0	3.2	3.7	4.0	4.0	4.1	4.6	5.0	5.4	5.8
52.5°	3.0	3.1	3.6	4.0	4.0	4.2	4.7	5.2	5.7	6.1	6.6
50°	3.0	3.5	4.0	4.0	4.2	4.8	5.3	5.8	6.3	6.8	7.3
47.5°	3.3	3.9	4.0	4.1	4.7	5.3	5.9	6.4	6.9	7.5	8.0
45°	3.6	4.0	4.0	4.6	5.2	5.8	6.4	7.0	7.6	8.2	9.3
42.5°	4.0	4.0	4.3	5.0	5.7	6.3	6.9	7.6	8.3	9.5	10.6
40°	4.0	4.0	4.7	5.4	6.1	6.8	7.7	8.5	9.5	10.7	11.9
37.5°	4.0	4.3	5.1	5.8	6.6	7.5	8.5	9.7	10.8	11.9	13.2
35°	4.0	4.7	5.4	6.3	7.1	8.4	9.6	10.8	12.0	13.2	14.6
32.5°	4.2	5.0	5.8	6.8	8.0	9.3	10.7	12.0	13.2	14.5	16.4
30°	4.4	5.3	6.2	7.4	8.9	10.4	11.7	13.1	14.4	16.3	24.3
27.5°	4.7	5.5	6.7	8.2	9.7	11.5	13.0	14.1	15.8	20.0	34.8
25°	4.9	5.8	7.3	8.9	10.8	12.7	14.4	15.5	17.4	29.1	54.2
22.5°	5.1	6.0	7.9	9.6	11.8	14.0	15.6	17.0	21.6	37.7	71.5
20°	5.3	6.5	8.7	10.9	13.1	15.3	16.8	18.4	28.5	53.8	106.9
17.5°	5.5	7.0	9.6	12.5	15.0	16.8	18.0	19.6	34.2	70.4	151.8
15°	5.6	7.5	10.7	14.2	16.9	18.6	19.7	24.0	44.0	92.8	192.9
12.5°	5.7	7.9	11.9	15.9	18.7	20.4	21.5	29.0	56.1	124.1	260.8
10°	5.8	8.3	13.1	17.5	20.4	22.1	23.1	33.2	64.4	147.0	314.4
7.5°	5.9	8.7	14.3	19.2	22.0	23.8	24.7	36.8	69.3	165.2	353.6
5°	6.0	8.8	15.0	20.0	23.0	25.0	26.0	39.7	71.3	178.4	379.9
2.5°	6.0	9.0	15.6	20.6	23.6	25.5	26.5	40.7	72.3	184.2	394.6
0°	6.0	9.0	16.0	21.0	24.0	26.0	27.0	41.0	72.0	183.0	398.0
-2.5°	6.0	9.0	15.6	20.6	23.6	25.5	26.5	40.7	72.3	184.2	394.6
-5°	6.0	8.8	15.0	20.0	23.0	25.0	26.0	39.7	71.3	178.4	379.9
-7.5°	5.9	8.7	14.3	19.2	22.0	23.8	24.7	36.8	69.3	165.2	353.6
-10°	5.8	8.3	13.1	17.5	20.4	22.1	23.1	33.2	64.4	147.0	314.4
-12.5°	5.7	7.9	11.9	15.9	18.7	20.4	21.5	29.0	56.1	124.1	260.8
-15°	5.6	7.5	10.7	14.2	16.9	18.6	19.7	24.0	44.0	92.8	192.9
-17.5°	5.5	7.0	9.6	12.5	15.0	16.8	18.0	19.6	34.2	70.4	151.8
-20°	5.3	6.5	8.7	10.9	13.1	15.3	16.8	18.4	28.5	53.8	106.9



REPORT NUMBER: P722777 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_BLUE-ONLY

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	5.1	6.0	7.9	9.6	11.8	14.0	15.6	17.0	21.6	37.7	71.5
-25°	4.9	5.8	7.3	8.9	10.8	12.7	14.4	15.5	17.4	29.1	54.2
-27.5°	4.7	5.5	6.7	8.2	9.7	11.5	13.0	14.1	15.8	20.0	34.8
-30°	4.4	5.3	6.2	7.4	8.9	10.4	11.7	13.1	14.4	16.3	24.3
-32.5°	4.2	5.0	5.8	6.8	8.0	9.3	10.7	12.0	13.2	14.5	16.4
-35°	4.0	4.7	5.4	6.3	7.1	8.4	9.6	10.8	12.0	13.2	14.6
-37.5°	4.0	4.3	5.1	5.8	6.6	7.5	8.5	9.7	10.8	11.9	13.2
-40°	4.0	4.0	4.7	5.4	6.1	6.8	7.7	8.5	9.5	10.7	11.9
-42.5°	4.0	4.0	4.3	5.0	5.7	6.3	6.9	7.6	8.3	9.5	10.6
-45°	3.6	4.0	4.0	4.6	5.2	5.8	6.4	7.0	7.6	8.2	9.3
-47.5°	3.3	3.9	4.0	4.1	4.7	5.3	5.9	6.4	6.9	7.5	8.0
-50°	3.0	3.5	4.0	4.0	4.2	4.8	5.3	5.8	6.3	6.8	7.3
-52.5°	3.0	3.1	3.6	4.0	4.0	4.2	4.7	5.2	5.7	6.1	6.6
-55°	3.0	3.0	3.2	3.7	4.0	4.0	4.1	4.6	5.0	5.4	5.8
-57.5°	2.7	3.0	3.0	3.2	3.6	4.0	4.0	4.0	4.3	4.7	5.1
-60°	2.3	2.8	3.0	3.0	3.1	3.5	3.9	4.0	4.0	4.0	4.3
-62.5°	2.0	2.3	2.7	3.0	3.0	3.0	3.3	3.6	4.0	4.0	4.0
-65°	2.0	2.0	2.2	2.6	3.0	3.0	3.0	3.0	3.3	3.6	3.8
-67.5°	2.0	2.0	2.0	2.1	2.4	2.7	3.0	3.0	3.0	3.0	3.1
-70°	1.6	1.9	2.0	2.0	2.0	2.1	2.3	2.6	2.8	3.0	3.0
-72.5°	1.2	1.5	1.7	2.0	2.0	2.0	2.0	2.0	2.1	2.3	2.5
-75°	1.0	1.0	1.2	1.4	1.7	1.9	2.0	2.0	2.0	2.0	2.0
-77.5°	1.0	1.0	1.0	1.0	1.2	1.5	1.8	2.0	1.9	1.9	2.0
-80°	1.0	1.0	1.0	1.0	1.1	1.3	1.5	1.8	1.7	1.6	1.4
-82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.2	1.1
-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: P722777 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.5
80°	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.8	1.9	1.9	2.0
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
75°	2.0	2.0	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	2.9
72.5°	2.7	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
70°	3.0	3.0	3.0	3.1	3.2	3.4	3.5	3.6	3.7	3.8	3.9
67.5°	3.3	3.5	3.7	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0
65°	4.0	4.0	4.0	4.0	4.0	4.2	4.4	4.5	4.6	4.7	4.8
62.5°	4.0	4.2	4.4	4.7	4.9	5.1	5.3	5.5	5.6	5.8	6.1
60°	4.7	5.0	5.3	5.5	5.8	6.0	6.3	6.6	7.0	7.4	7.7
57.5°	5.4	5.8	6.1	6.4	6.7	6.9	7.4	8.1	8.7	9.3	10.1
55°	6.2	6.6	6.9	7.3	7.8	8.5	9.2	10.0	10.9	11.8	13.5
52.5°	7.0	7.4	7.7	8.4	9.5	10.3	11.0	12.1	13.3	14.6	16.6
50°	7.7	8.3	9.5	10.7	11.5	12.1	12.7	14.1	15.6	16.8	18.6
47.5°	8.9	10.2	11.3	12.4	13.2	14.2	15.2	16.5	17.6	18.7	20.3
45°	10.3	11.6	12.8	13.9	15.0	16.3	17.2	18.1	22.4	26.2	29.8
42.5°	11.7	12.9	14.2	15.7	17.3	21.0	27.0	32.0	40.1	50.1	58.9
40°	13.1	14.3	16.2	20.1	28.9	36.5	52.7	63.4	80.0	109.4	135.1
37.5°	14.6	16.4	25.8	36.9	59.0	78.4	108.8	141.1	172.3	242.4	301.6
35°	16.6	28.3	47.0	80.9	115.7	160.3	214.8	299.1	376.2	452.2	516.6
32.5°	27.2	47.9	91.0	151.2	206.7	302.7	398.3	492.6	578.8	648.6	699.1
30°	41.4	83.4	151.2	240.2	365.6	475.2	578.6	665.7	735.9	788.8	809.1
27.5°	70.0	131.8	223.0	375.1	520.2	638.5	720.5	791.3	819.0	844.8	857.6
25°	103.4	187.3	341.5	504.4	651.6	749.6	806.6	838.8	860.6	880.3	900.4
22.5°	153.4	289.5	458.9	631.2	744.4	811.0	847.4	871.0	899.2	930.5	962.6
20°	213.5	389.1	576.0	715.5	802.5	846.9	874.2	909.1	951.3	1000.7	1064.9
17.5°	301.8	487.8	665.0	786.4	837.9	870.2	908.0	957.4	1027.5	1120.0	1223.3
15°	386.3	586.7	734.7	816.2	857.4	896.0	949.6	1027.7	1132.8	1297.1	1528.4
12.5°	466.3	661.6	788.9	842.1	876.2	925.0	1000.0	1117.0	1296.9	1571.6	1954.6
10°	532.4	711.3	809.7	854.6	895.6	957.0	1061.1	1219.2	1519.5	1946.2	2492.0
7.5°	579.1	743.9	824.3	866.0	916.0	990.5	1122.9	1353.9	1769.1	2344.6	3481.1
5°	613.3	767.0	834.0	873.7	930.0	1018.1	1177.2	1479.9	1995.6	2799.2	5068.5
2.5°	633.4	781.0	840.1	880.1	938.9	1037.8	1216.4	1569.0	2152.4	3240.5	6532.7
0°	638.0	786.0	844.0	881.5	942.0	1052.0	1232.1	1600.6	2222.1	3473.6	6992.3
-2.5°	633.4	781.0	840.1	880.1	938.9	1037.8	1216.4	1569.0	2152.4	3240.5	6532.7
-5°	613.3	767.0	834.0	873.7	930.0	1018.1	1177.2	1479.9	1995.6	2799.2	5068.5
-7.5°	579.1	743.9	824.3	866.0	916.0	990.5	1122.9	1353.9	1769.1	2344.6	3481.1
-10°	532.4	711.3	809.7	854.6	895.6	957.0	1061.1	1219.2	1519.5	1946.2	2492.0
-12.5°	466.3	661.6	788.9	842.1	876.2	925.0	1000.0	1117.0	1296.9	1571.6	1954.6
-15°	386.3	586.7	734.7	816.2	857.4	896.0	949.6	1027.7	1132.8	1297.1	1528.4
-17.5°	301.8	487.8	665.0	786.4	837.9	870.2	908.0	957.4	1027.5	1120.0	1223.3
-20°	213.5	389.1	576.0	715.5	802.5	846.9	874.2	909.1	951.3	1000.7	1064.9



REPORT NUMBER: P722777 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_BLUE-ONLY

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	153.4	289.5	458.9	631.2	744.4	811.0	847.4	871.0	899.2	930.5	962.6
-25°	103.4	187.3	341.5	504.4	651.6	749.6	806.6	838.8	860.6	880.3	900.4
-27.5°	70.0	131.8	223.0	375.1	520.2	638.5	720.5	791.3	819.0	844.8	857.6
-30°	41.4	83.4	151.2	240.2	365.6	475.2	578.6	665.7	735.9	788.8	809.1
-32.5°	27.2	47.9	91.0	151.2	206.7	302.7	398.3	492.6	578.8	648.6	699.1
-35°	16.6	28.3	47.0	80.9	115.7	160.3	214.8	299.1	376.2	452.2	516.6
-37.5°	14.6	16.4	25.8	36.9	59.0	78.4	108.8	141.1	172.3	242.4	301.6
-40°	13.1	14.3	16.2	20.1	28.9	36.5	52.7	63.4	80.0	109.4	135.1
-42.5°	11.7	12.9	14.2	15.7	17.3	21.0	27.0	32.0	40.1	50.1	58.9
-45°	10.3	11.6	12.8	13.9	15.0	16.3	17.2	18.1	22.4	26.2	29.8
-47.5°	8.9	10.2	11.3	12.4	13.2	14.2	15.2	16.5	17.6	18.7	20.3
-50°	7.7	8.3	9.5	10.7	11.5	12.1	12.7	14.1	15.6	16.8	18.6
-52.5°	7.0	7.4	7.7	8.4	9.5	10.3	11.0	12.1	13.3	14.6	16.6
-55°	6.2	6.6	6.9	7.3	7.8	8.5	9.2	10.0	10.9	11.8	13.5
-57.5°	5.4	5.8	6.1	6.4	6.7	6.9	7.4	8.1	8.7	9.3	10.1
-60°	4.7	5.0	5.3	5.5	5.8	6.0	6.3	6.6	7.0	7.4	7.7
-62.5°	4.0	4.2	4.4	4.7	4.9	5.1	5.3	5.5	5.6	5.8	6.1
-65°	4.0	4.0	4.0	4.0	4.0	4.2	4.4	4.5	4.6	4.7	4.8
-67.5°	3.3	3.5	3.7	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0
-70°	3.0	3.0	3.0	3.1	3.2	3.4	3.5	3.6	3.7	3.8	3.9
-72.5°	2.7	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
-75°	2.0	2.0	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	2.9
-77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-80°	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.8	1.9	1.9	2.0
-82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.5
-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: P722777 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_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°	1.7	2.0	1.5	1.0	1.5	2.0	1.7	1.5	1.2	1.0	1.0
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.8
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
75°	2.9	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.7
72.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
70°	3.9	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.8	3.7	3.6
67.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
65°	4.9	5.0	5.0	5.0	5.0	5.0	4.9	4.8	4.7	4.6	4.5
62.5°	6.5	6.8	6.5	6.0	6.5	6.8	6.5	6.1	5.8	5.6	5.5
60°	7.8	7.9	8.0	8.0	8.0	7.9	7.8	7.7	7.4	7.0	6.6
57.5°	10.8	11.6	12.3	13.0	12.3	11.6	10.8	10.1	9.3	8.7	8.1
55°	15.3	17.1	18.3	19.0	18.3	17.1	15.3	13.5	11.8	10.9	10.0
52.5°	18.8	21.0	22.3	23.0	22.3	21.0	18.8	16.6	14.6	13.3	12.1
50°	20.8	22.9	24.3	25.0	24.3	22.9	20.8	18.6	16.8	15.6	14.1
47.5°	22.6	24.8	26.6	28.0	26.6	24.8	22.6	20.3	18.7	17.6	16.5
45°	33.9	37.5	40.0	41.0	40.0	37.5	33.9	29.8	26.2	22.4	18.1
42.5°	65.1	68.6	69.8	69.0	69.8	68.6	65.1	58.9	50.1	40.1	32.0
40°	153.6	167.0	173.9	172.0	173.9	167.0	153.6	135.1	109.4	80.0	63.4
37.5°	342.3	365.7	376.3	378.0	376.3	365.7	342.3	301.6	242.4	172.3	141.1
35°	563.2	591.7	607.0	609.0	607.0	591.7	563.2	516.6	452.2	376.2	299.1
32.5°	737.2	764.1	782.1	789.0	782.1	764.1	737.2	699.1	648.6	578.8	492.6
30°	824.9	835.8	841.9	844.0	841.9	835.8	824.9	809.1	788.8	735.9	665.7
27.5°	869.1	876.9	882.7	886.5	882.7	876.9	869.1	857.6	844.8	819.0	791.3
25°	919.5	936.2	945.0	949.0	945.0	936.2	919.5	900.4	880.3	860.6	838.8
22.5°	996.8	1026.7	1051.2	1052.0	1051.2	1026.7	996.8	962.6	930.5	899.2	871.0
20°	1130.2	1191.5	1231.7	1240.1	1231.7	1191.5	1130.2	1064.9	1000.7	951.3	909.1
17.5°	1358.5	1487.3	1589.3	1626.1	1589.3	1487.3	1358.5	1223.3	1120.0	1027.5	957.4
15°	1772.1	1996.6	2135.1	2212.1	2135.1	1996.6	1772.1	1528.4	1297.1	1132.8	1027.7
12.5°	2344.0	2771.5	3143.7	3377.2	3143.7	2771.5	2344.0	1954.6	1571.6	1296.9	1117.0
10°	3392.3	4761.2	6201.9	6635.3	6201.9	4761.2	3392.3	2492.0	1946.2	1519.5	1219.2
7.5°	5886.6	8978.5	11327.1	12149.5	11327.1	8978.5	5886.6	3481.1	2344.6	1769.1	1353.9
5°	8889.2	12721.2	14377.9	14914.6	14377.9	12721.2	8889.2	5068.5	2799.2	1995.6	1479.9
2.5°	11172.2	14320.2	15941.2	16675.2	15941.2	14320.2	11172.2	6532.7	3240.5	2152.4	1569.0
0°	11929.5	14781.6	16464.7	17223.7	16464.7	14781.6	11929.5	6992.3	3473.6	2222.1	1600.6
-2.5°	11172.2	14320.2	15941.2	16675.2	15941.2	14320.2	11172.2	6532.7	3240.5	2152.4	1569.0
-5°	8889.2	12721.2	14377.9	14914.6	14377.9	12721.2	8889.2	5068.5	2799.2	1995.6	1479.9
-7.5°	5886.6	8978.5	11327.1	12149.5	11327.1	8978.5	5886.6	3481.1	2344.6	1769.1	1353.9
-10°	3392.3	4761.2	6201.9	6635.3	6201.9	4761.2	3392.3	2492.0	1946.2	1519.5	1219.2
-12.5°	2344.0	2771.5	3143.7	3377.1	3143.7	2771.5	2344.0	1954.6	1571.6	1296.9	1117.0
-15°	1772.1	1996.6	2135.1	2212.1	2135.1	1996.6	1772.1	1528.4	1297.1	1132.8	1027.7
-17.5°	1358.5	1487.3	1589.3	1626.1	1589.3	1487.3	1358.5	1223.3	1120.0	1027.5	957.4
-20°	1130.2	1191.5	1231.7	1240.1	1231.7	1191.5	1130.2	1064.9	1000.7	951.3	909.1



REPORT NUMBER: P722777 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_BLUE-ONLY

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	996.8	1026.7	1051.2	1052.0	1051.2	1026.7	996.8	962.6	930.5	899.2	871.0
-25°	919.5	936.2	945.0	949.0	945.0	936.2	919.5	900.4	880.3	860.6	838.8
-27.5°	869.1	876.9	882.7	886.5	882.7	876.9	869.1	857.6	844.8	819.0	791.3
-30°	824.9	835.8	841.9	844.0	841.9	835.8	824.9	809.1	788.8	735.9	665.7
-32.5°	737.2	764.1	782.1	789.0	782.1	764.1	737.2	699.1	648.6	578.8	492.6
-35°	563.2	591.7	607.0	609.0	607.0	591.7	563.2	516.6	452.2	376.2	299.1
-37.5°	342.3	365.7	376.3	378.0	376.3	365.7	342.3	301.6	242.4	172.3	141.1
-40°	153.6	167.0	173.9	172.0	173.9	167.0	153.6	135.1	109.4	80.0	63.4
-42.5°	65.1	68.6	69.8	69.0	69.8	68.6	65.1	58.9	50.1	40.1	32.0
-45°	33.9	37.5	40.0	41.0	40.0	37.5	33.9	29.8	26.2	22.4	18.1
-47.5°	22.6	24.8	26.6	28.0	26.6	24.8	22.6	20.3	18.7	17.6	16.5
-50°	20.8	22.9	24.3	25.0	24.3	22.9	20.8	18.6	16.8	15.6	14.1
-52.5°	18.8	21.0	22.3	23.0	22.3	21.0	18.8	16.6	14.6	13.3	12.1
-55°	15.3	17.1	18.3	19.0	18.3	17.1	15.3	13.5	11.8	10.9	10.0
-57.5°	10.8	11.6	12.3	13.0	12.3	11.6	10.8	10.1	9.3	8.7	8.1
-60°	7.8	7.9	8.0	8.0	8.0	7.9	7.8	7.7	7.4	7.0	6.6
-62.5°	6.5	6.8	6.5	6.0	6.5	6.8	6.5	6.1	5.8	5.6	5.5
-65°	4.9	5.0	5.0	5.0	5.0	5.0	4.9	4.8	4.7	4.6	4.5
-67.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
-70°	3.9	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.8	3.7	3.6
-72.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
-75°	2.9	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.7
-77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	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	1.9	1.9	1.8
-82.5°	1.7	2.0	1.5	1.0	1.5	2.0	1.7	1.5	1.2	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
-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: P722777 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.2	1.1
80°	1.8	1.7	1.6	1.5	1.5	1.4	1.3	1.4	1.6	1.7	1.8
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	2.0
75°	2.6	2.5	2.4	2.3	2.2	2.0	2.0	2.0	2.0	2.0	2.0
72.5°	3.0	3.0	3.0	3.0	3.0	2.9	2.7	2.5	2.3	2.1	2.0
70°	3.5	3.4	3.2	3.1	3.0	3.0	3.0	3.0	3.0	2.8	2.6
67.5°	4.0	4.0	4.0	3.9	3.7	3.5	3.3	3.1	3.0	3.0	3.0
65°	4.4	4.2	4.0	4.0	4.0	4.0	4.0	3.8	3.6	3.3	3.0
62.5°	5.3	5.1	4.9	4.7	4.4	4.2	4.0	4.0	4.0	4.0	3.6
60°	6.3	6.0	5.8	5.5	5.3	5.0	4.7	4.3	4.0	4.0	4.0
57.5°	7.4	6.9	6.7	6.4	6.1	5.8	5.4	5.1	4.7	4.3	4.0
55°	9.2	8.5	7.8	7.3	6.9	6.6	6.2	5.8	5.4	5.0	4.6
52.5°	11.0	10.3	9.5	8.4	7.7	7.4	7.0	6.6	6.1	5.7	5.2
50°	12.7	12.1	11.5	10.7	9.5	8.3	7.7	7.3	6.8	6.3	5.8
47.5°	15.2	14.2	13.2	12.4	11.3	10.2	8.9	8.0	7.5	6.9	6.4
45°	17.2	16.3	15.0	13.9	12.8	11.6	10.3	9.3	8.2	7.6	7.0
42.5°	27.0	21.0	17.3	15.7	14.2	12.9	11.7	10.6	9.5	8.3	7.6
40°	52.7	36.5	28.9	20.1	16.2	14.3	13.1	11.9	10.7	9.5	8.5
37.5°	108.8	78.4	59.0	36.9	25.8	16.4	14.6	13.2	11.9	10.8	9.7
35°	214.8	160.3	115.7	80.9	47.0	28.3	16.6	14.6	13.2	12.0	10.8
32.5°	398.3	302.7	206.7	151.2	91.0	47.9	27.2	16.4	14.5	13.2	12.0
30°	578.6	475.2	365.6	240.2	151.2	83.4	41.4	24.3	16.3	14.4	13.1
27.5°	720.5	638.5	520.2	375.1	223.0	131.8	70.0	34.8	20.0	15.8	14.1
25°	806.6	749.6	651.6	504.4	341.5	187.3	103.4	54.2	29.1	17.4	15.5
22.5°	847.4	811.0	744.4	631.2	458.9	289.5	153.4	71.5	37.7	21.6	17.0
20°	874.2	846.9	802.5	715.5	576.0	389.1	213.5	106.9	53.8	28.5	18.4
17.5°	908.0	870.2	837.9	786.4	665.0	487.8	301.8	151.8	70.4	34.2	19.6
15°	949.6	896.0	857.4	816.2	734.7	586.7	386.3	192.9	92.8	44.0	24.0
12.5°	1000.0	925.0	876.2	842.1	788.9	661.6	466.3	260.8	124.1	56.1	29.0
10°	1061.1	957.0	895.6	854.6	809.7	711.3	532.4	314.4	147.0	64.4	33.2
7.5°	1122.9	990.5	916.0	866.0	824.3	743.9	579.1	353.6	165.2	69.3	36.8
5°	1177.2	1018.1	930.0	873.7	834.0	767.0	613.3	379.9	178.4	71.3	39.7
2.5°	1216.4	1037.8	938.9	880.1	840.1	781.0	633.4	394.6	184.2	72.3	40.7
0°	1232.1	1052.0	942.0	881.5	844.0	786.0	638.0	398.0	183.0	72.0	41.0
-2.5°	1216.4	1037.8	938.9	880.1	840.1	781.0	633.4	394.6	184.2	72.3	40.7
-5°	1177.2	1018.1	930.0	873.7	834.0	767.0	613.3	379.9	178.4	71.3	39.7
-7.5°	1122.9	990.5	916.0	866.0	824.3	743.9	579.1	353.6	165.2	69.3	36.8
-10°	1061.1	957.0	895.6	854.6	809.7	711.3	532.4	314.4	147.0	64.4	33.2
-12.5°	1000.0	925.0	876.2	842.1	788.9	661.6	466.3	260.8	124.1	56.1	29.0
-15°	949.6	896.0	857.4	816.2	734.7	586.7	386.3	192.9	92.8	44.0	24.0
-17.5°	908.0	870.2	837.9	786.4	665.0	487.8	301.8	151.8	70.4	34.2	19.6
-20°	874.2	846.9	802.5	715.5	576.0	389.1	213.5	106.9	53.8	28.5	18.4



REPORT NUMBER: P722777 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_BLUE-ONLY

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	847.4	811.0	744.4	631.2	458.9	289.5	153.4	71.5	37.7	21.6	17.0
-25°	806.6	749.6	651.6	504.4	341.5	187.3	103.4	54.2	29.1	17.4	15.5
-27.5°	720.5	638.5	520.2	375.1	223.0	131.8	70.0	34.8	20.0	15.8	14.1
-30°	578.6	475.2	365.6	240.2	151.2	83.4	41.4	24.3	16.3	14.4	13.1
-32.5°	398.3	302.7	206.7	151.2	91.0	47.9	27.2	16.4	14.5	13.2	12.0
-35°	214.8	160.3	115.7	80.9	47.0	28.3	16.6	14.6	13.2	12.0	10.8
-37.5°	108.8	78.4	59.0	36.9	25.8	16.4	14.6	13.2	11.9	10.8	9.7
-40°	52.7	36.5	28.9	20.1	16.2	14.3	13.1	11.9	10.7	9.5	8.5
-42.5°	27.0	21.0	17.3	15.7	14.2	12.9	11.7	10.6	9.5	8.3	7.6
-45°	17.2	16.3	15.0	13.9	12.8	11.6	10.3	9.3	8.2	7.6	7.0
-47.5°	15.2	14.2	13.2	12.4	11.3	10.2	8.9	8.0	7.5	6.9	6.4
-50°	12.7	12.1	11.5	10.7	9.5	8.3	7.7	7.3	6.8	6.3	5.8
-52.5°	11.0	10.3	9.5	8.4	7.7	7.4	7.0	6.6	6.1	5.7	5.2
-55°	9.2	8.5	7.8	7.3	6.9	6.6	6.2	5.8	5.4	5.0	4.6
-57.5°	7.4	6.9	6.7	6.4	6.1	5.8	5.4	5.1	4.7	4.3	4.0
-60°	6.3	6.0	5.8	5.5	5.3	5.0	4.7	4.3	4.0	4.0	4.0
-62.5°	5.3	5.1	4.9	4.7	4.4	4.2	4.0	4.0	4.0	4.0	3.6
-65°	4.4	4.2	4.0	4.0	4.0	4.0	4.0	3.8	3.6	3.3	3.0
-67.5°	4.0	4.0	4.0	3.9	3.7	3.5	3.3	3.1	3.0	3.0	3.0
-70°	3.5	3.4	3.2	3.1	3.0	3.0	3.0	3.0	3.0	2.8	2.6
-72.5°	3.0	3.0	3.0	3.0	3.0	2.9	2.7	2.5	2.3	2.1	2.0
-75°	2.6	2.5	2.4	2.3	2.2	2.0	2.0	2.0	2.0	2.0	2.0
-77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	2.0
-80°	1.8	1.7	1.6	1.5	1.5	1.4	1.3	1.4	1.6	1.7	1.8
-82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.2	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: P722777 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_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°	1.5	1.3	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	1.8	1.5	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
75°	2.0	1.9	1.7	1.4	1.2	1.0	1.0	1.0	1.0	1.0	1.0
72.5°	2.0	2.0	2.0	2.0	1.7	1.5	1.2	1.0	1.0	1.0	1.0
70°	2.3	2.1	2.0	2.0	2.0	1.9	1.6	1.3	1.0	1.0	1.0
67.5°	3.0	2.7	2.4	2.1	2.0	2.0	2.0	1.7	1.4	1.0	1.0
65°	3.0	3.0	3.0	2.6	2.2	2.0	2.0	2.0	1.7	1.3	1.0
62.5°	3.3	3.0	3.0	3.0	2.7	2.3	2.0	2.0	2.0	1.6	1.2
60°	3.9	3.5	3.1	3.0	3.0	2.8	2.3	2.0	2.0	1.9	1.5
57.5°	4.0	4.0	3.6	3.2	3.0	3.0	2.7	2.2	2.0	2.0	1.7
55°	4.1	4.0	4.0	3.7	3.2	3.0	3.0	2.6	2.1	2.0	2.0
52.5°	4.7	4.2	4.0	4.0	3.6	3.1	3.0	3.0	2.4	2.0	2.0
50°	5.3	4.8	4.2	4.0	4.0	3.5	3.0	3.0	2.7	2.1	2.0
47.5°	5.9	5.3	4.7	4.1	4.0	3.9	3.3	3.0	3.0	2.3	2.0
45°	6.4	5.8	5.2	4.6	4.0	4.0	3.6	3.0	3.0	2.6	2.0
42.5°	6.9	6.3	5.7	5.0	4.3	4.0	4.0	3.3	3.0	2.8	2.1
40°	7.7	6.8	6.1	5.4	4.7	4.0	4.0	3.6	3.0	3.0	2.3
37.5°	8.5	7.5	6.6	5.8	5.1	4.3	4.0	3.8	3.1	3.0	2.5
35°	9.6	8.4	7.1	6.3	5.4	4.7	4.0	4.0	3.3	3.0	2.7
32.5°	10.7	9.3	8.0	6.8	5.8	5.0	4.2	4.0	3.5	3.0	2.9
30°	11.7	10.4	8.9	7.4	6.2	5.3	4.4	4.0	3.7	3.0	3.0
27.5°	13.0	11.5	9.7	8.2	6.7	5.5	4.7	4.0	3.9	3.1	3.0
25°	14.4	12.7	10.8	8.9	7.3	5.8	4.9	4.0	4.0	3.2	3.0
22.5°	15.6	14.0	11.8	9.6	7.9	6.0	5.1	4.2	4.0	3.4	3.0
20°	16.8	15.3	13.1	10.9	8.7	6.5	5.3	4.4	4.0	3.5	3.0
17.5°	18.0	16.8	15.0	12.5	9.6	7.0	5.5	4.5	4.0	3.6	3.0
15°	19.7	18.6	16.9	14.2	10.7	7.5	5.6	4.6	4.0	3.7	3.0
12.5°	21.5	20.4	18.7	15.9	11.9	7.9	5.7	4.7	4.0	3.8	3.0
10°	23.1	22.1	20.4	17.5	13.1	8.3	5.8	4.8	4.0	3.9	3.0
7.5°	24.7	23.8	22.0	19.2	14.3	8.7	5.9	4.9	4.0	3.9	3.0
5°	26.0	25.0	23.0	20.0	15.0	8.8	6.0	5.0	4.0	4.0	3.0
2.5°	26.5	25.5	23.6	20.6	15.6	9.0	6.0	5.0	4.0	4.0	3.0
0°	27.0	26.0	24.0	21.0	16.0	9.0	6.0	5.0	4.0	4.0	3.0
-2.5°	26.5	25.5	23.6	20.6	15.6	9.0	6.0	5.0	4.0	4.0	3.0
-5°	26.0	25.0	23.0	20.0	15.0	8.8	6.0	5.0	4.0	4.0	3.0
-7.5°	24.7	23.8	22.0	19.2	14.3	8.7	5.9	4.9	4.0	3.9	3.0
-10°	23.1	22.1	20.4	17.5	13.1	8.3	5.8	4.8	4.0	3.9	3.0
-12.5°	21.5	20.4	18.7	15.9	11.9	7.9	5.7	4.7	4.0	3.8	3.0
-15°	19.7	18.6	16.9	14.2	10.7	7.5	5.6	4.6	4.0	3.7	3.0
-17.5°	18.0	16.8	15.0	12.5	9.6	7.0	5.5	4.5	4.0	3.6	3.0
-20°	16.8	15.3	13.1	10.9	8.7	6.5	5.3	4.4	4.0	3.5	3.0



REPORT NUMBER: P722777 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	15.6	14.0	11.8	9.6	7.9	6.0	5.1	4.2	4.0	3.4	3.0
-25°	14.4	12.7	10.8	8.9	7.3	5.8	4.9	4.0	4.0	3.2	3.0
-27.5°	13.0	11.5	9.7	8.2	6.7	5.5	4.7	4.0	3.9	3.1	3.0
-30°	11.7	10.4	8.9	7.4	6.2	5.3	4.4	4.0	3.7	3.0	3.0
-32.5°	10.7	9.3	8.0	6.8	5.8	5.0	4.2	4.0	3.5	3.0	2.9
-35°	9.6	8.4	7.1	6.3	5.4	4.7	4.0	4.0	3.3	3.0	2.7
-37.5°	8.5	7.5	6.6	5.8	5.1	4.3	4.0	3.8	3.1	3.0	2.5
-40°	7.7	6.8	6.1	5.4	4.7	4.0	4.0	3.6	3.0	3.0	2.3
-42.5°	6.9	6.3	5.7	5.0	4.3	4.0	4.0	3.3	3.0	2.8	2.1
-45°	6.4	5.8	5.2	4.6	4.0	4.0	3.6	3.0	3.0	2.6	2.0
-47.5°	5.9	5.3	4.7	4.1	4.0	3.9	3.3	3.0	3.0	2.3	2.0
-50°	5.3	4.8	4.2	4.0	4.0	3.5	3.0	3.0	2.7	2.1	2.0
-52.5°	4.7	4.2	4.0	4.0	3.6	3.1	3.0	3.0	2.4	2.0	2.0
-55°	4.1	4.0	4.0	3.7	3.2	3.0	3.0	2.6	2.1	2.0	2.0
-57.5°	4.0	4.0	3.6	3.2	3.0	3.0	2.7	2.2	2.0	2.0	1.7
-60°	3.9	3.5	3.1	3.0	3.0	2.8	2.3	2.0	2.0	1.9	1.5
-62.5°	3.3	3.0	3.0	3.0	2.7	2.3	2.0	2.0	2.0	1.6	1.2
-65°	3.0	3.0	3.0	2.6	2.2	2.0	2.0	2.0	1.7	1.3	1.0
-67.5°	3.0	2.7	2.4	2.1	2.0	2.0	2.0	1.7	1.4	1.0	1.0
-70°	2.3	2.1	2.0	2.0	2.0	1.9	1.6	1.3	1.0	1.0	1.0
-72.5°	2.0	2.0	2.0	2.0	1.7	1.5	1.2	1.0	1.0	1.0	1.0
-75°	2.0	1.9	1.7	1.4	1.2	1.0	1.0	1.0	1.0	1.0	1.0
-77.5°	1.8	1.5	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-80°	1.5	1.3	1.1	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	1.0	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: P722777 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_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°	1.0	1.0	1.0	1.0	0.8	0.4	0.0
65°	1.0	1.0	1.0	1.0	0.8	0.4	0.0
62.5°	1.0	1.0	1.0	1.0	0.9	0.5	0.0
60°	1.0	1.0	1.0	1.0	1.0	0.5	0.0
57.5°	1.2	1.0	1.0	1.0	1.0	0.5	0.0
55°	1.4	1.0	1.0	1.0	1.0	0.6	0.0
52.5°	1.6	1.0	1.0	1.0	1.0	0.6	0.0
50°	1.8	1.2	1.0	1.0	1.0	0.6	0.0
47.5°	2.0	1.4	1.0	1.0	1.0	0.7	0.0
45°	2.0	1.5	1.0	1.0	1.0	0.7	0.0
42.5°	2.0	1.7	1.0	1.0	1.0	0.7	0.0
40°	2.0	1.8	1.1	1.0	1.0	0.8	0.0
37.5°	2.0	2.0	1.2	1.0	1.0	0.8	0.0
35°	2.0	2.0	1.3	1.0	1.0	0.8	0.0
32.5°	2.0	2.0	1.4	1.0	1.0	0.8	0.0
30°	2.2	2.0	1.5	1.0	1.0	0.9	0.0
27.5°	2.3	2.0	1.5	1.0	1.0	0.9	0.0
25°	2.4	2.0	1.6	1.0	1.0	0.9	0.0
22.5°	2.5	2.0	1.7	1.0	1.0	0.9	0.0
20°	2.6	2.0	1.8	1.0	1.0	0.9	0.0
17.5°	2.7	2.0	1.8	1.0	1.0	1.0	0.0
15°	2.8	2.0	1.9	1.0	1.0	1.0	0.0
12.5°	2.9	2.0	1.9	1.0	1.0	1.0	0.0
10°	2.9	2.0	1.9	1.0	1.0	1.0	0.0
7.5°	2.9	2.0	2.0	1.0	1.0	1.0	0.0
5°	3.0	2.0	2.0	1.0	1.0	1.0	0.0
2.5°	3.0	2.0	2.0	1.0	1.0	1.0	0.0
0°	3.0	2.0	2.0	1.0	1.0	1.0	0.0
-2.5°	3.0	2.0	2.0	1.0	1.0	1.0	0.0
-5°	3.0	2.0	2.0	1.0	1.0	1.0	0.0
-7.5°	2.9	2.0	2.0	1.0	1.0	1.0	0.0
-10°	2.9	2.0	1.9	1.0	1.0	1.0	0.0
-12.5°	2.9	2.0	1.9	1.0	1.0	1.0	0.0
-15°	2.8	2.0	1.9	1.0	1.0	1.0	0.0
-17.5°	2.7	2.0	1.8	1.0	1.0	1.0	0.0
-20°	2.6	2.0	1.8	1.0	1.0	0.9	0.0



REPORT NUMBER: P722777 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2R_BLUE-ONLY

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	2.5	2.0	1.7	1.0	1.0	0.9	0.0
-25°	2.4	2.0	1.6	1.0	1.0	0.9	0.0
-27.5°	2.3	2.0	1.5	1.0	1.0	0.9	0.0
-30°	2.2	2.0	1.5	1.0	1.0	0.9	0.0
-32.5°	2.0	2.0	1.4	1.0	1.0	0.8	0.0
-35°	2.0	2.0	1.3	1.0	1.0	0.8	0.0
-37.5°	2.0	2.0	1.2	1.0	1.0	0.8	0.0
-40°	2.0	1.8	1.1	1.0	1.0	0.8	0.0
-42.5°	2.0	1.7	1.0	1.0	1.0	0.7	0.0
-45°	2.0	1.5	1.0	1.0	1.0	0.7	0.0
-47.5°	2.0	1.4	1.0	1.0	1.0	0.7	0.0
-50°	1.8	1.2	1.0	1.0	1.0	0.6	0.0
-52.5°	1.6	1.0	1.0	1.0	1.0	0.6	0.0
-55°	1.4	1.0	1.0	1.0	1.0	0.6	0.0
-57.5°	1.2	1.0	1.0	1.0	1.0	0.5	0.0
-60°	1.0	1.0	1.0	1.0	1.0	0.5	0.0
-62.5°	1.0	1.0	1.0	1.0	0.9	0.5	0.0
-65°	1.0	1.0	1.0	1.0	0.8	0.4	0.0
-67.5°	1.0	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)