

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: P722773 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 11/1/2023

Test Information

Test Method: LM-79-08
Report Number: P722773 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2308-140-3)
Test Lab: INNOVATION CENTER
Issue Date: 11/1/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: EPH-LS-16-720PL-RGB-1R_BLUE-ONLY
Description: LUMASPORT 16 PRISM RGB
Light Source: -
Ballast/Driver: -

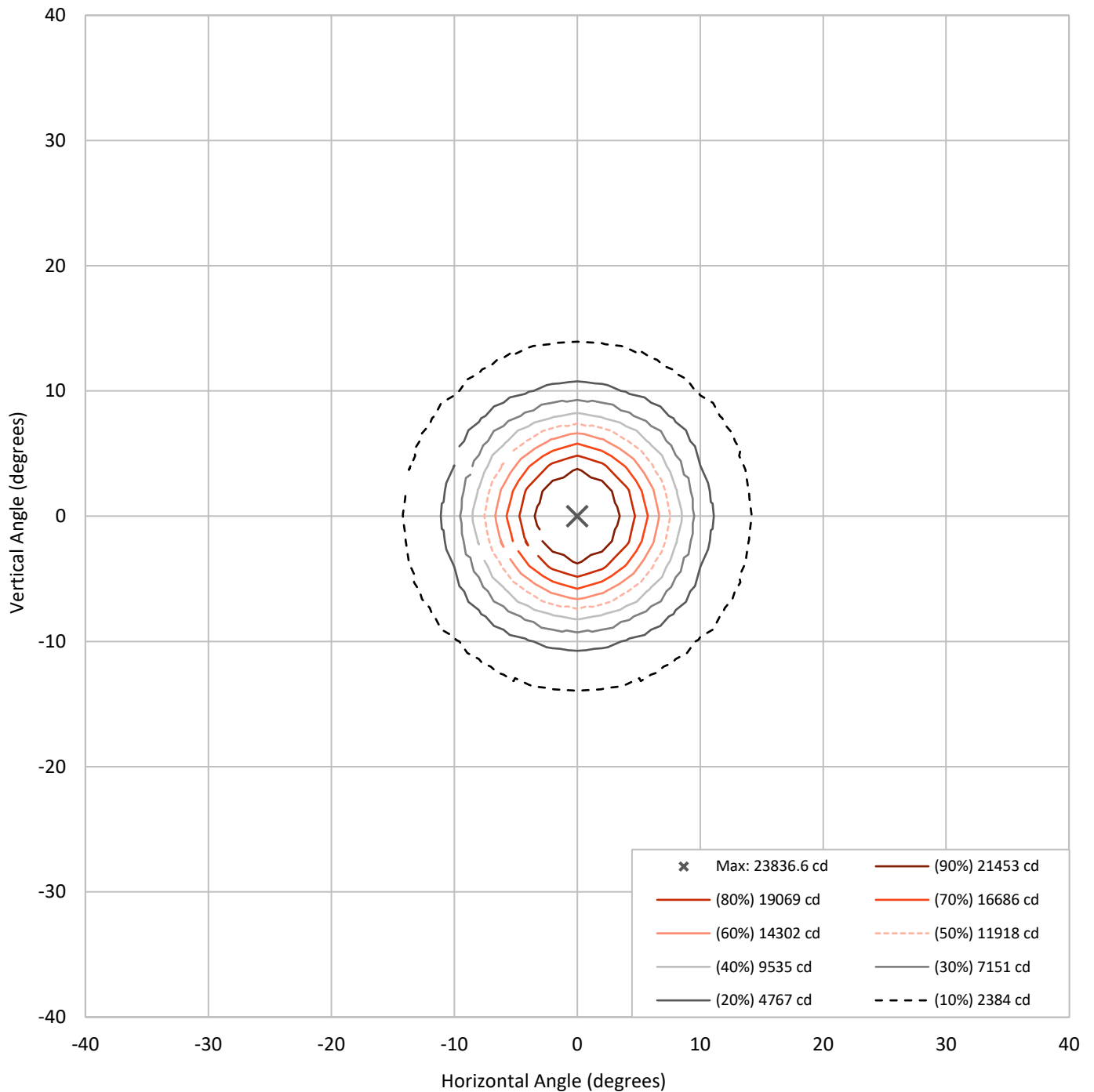
Summary

Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	2760 lumens	Max Intensity:	23836.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	13.4 lumens/watt		
Luminous Opening:	Circular (Dia: 1.67' x H: 0')		
Beam Angle (50%):	15°H x 14.6°V	Field Angle (10%):	28.3°H x 27.8°V
Beam Lumens:	935.6 lumens	Field Lumens:	1621.1 lumens
Beam Efficiency:	33.9%	Field Efficiency:	58.7%
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: P722773 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Iso-Candela Plot



REPORT NUMBER: P722773 (CONVERTED FROM TYPE C PHOTOMETRY)

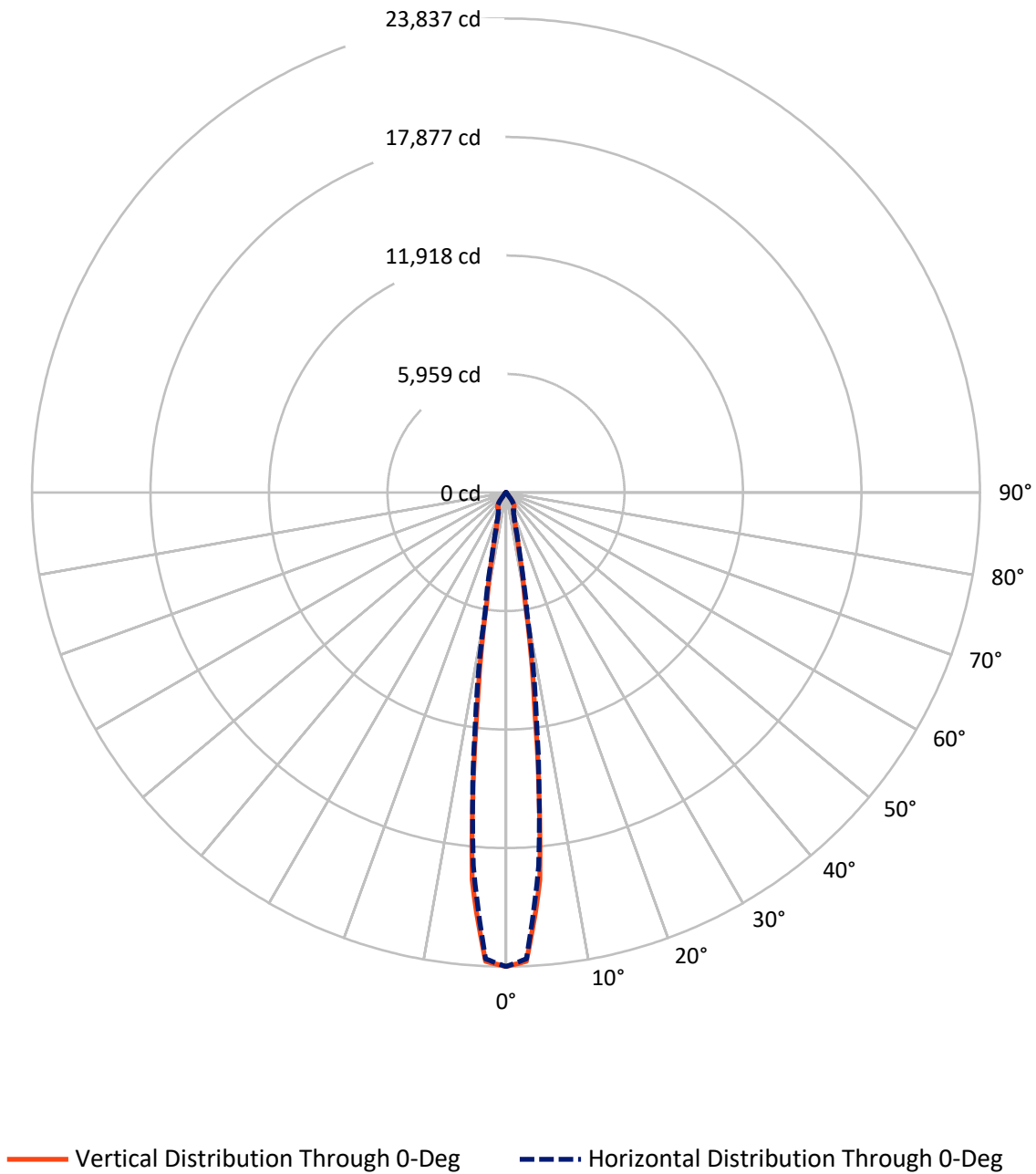
CATALOG NUMBER: EPH-LS-16-720PL-RGB-1R_BLUE-ONLY

Lumen Table

90	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0				
80	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	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
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	0.4	0.8	1.5	1.5	0.8	0.4	0.3	0.2	0.1	0.0
40		0.0	0.1	0.2	0.5	3.4	10.7	16.3	16.3	10.7	3.4	0.5	0.2	0.1	0.0
30	0.0	0.1	0.2	0.3	3.0	15.9	24.5	27.7	27.7	24.5	15.9	3.0	0.3	0.2	0.1
20		0.1	0.2	0.7	9.2	22.9	32.8	60.5	60.5	32.8	22.9	9.2	0.7	0.2	0.1
10	0.1	0.1	0.3	1.1	13.4	25.2	60.6	354.3	354.3	60.6	25.2	13.4	1.1	0.3	0.1
0		0.1	0.3	1.1	13.4	25.2	60.6	354.3	354.3	60.6	25.2	13.4	1.1	0.3	0.1
-10	0.0	0.1	0.2	0.7	9.2	22.9	32.8	60.5	60.5	32.8	22.9	9.2	0.7	0.2	0.1
-20		0.1	0.2	0.3	3.0	15.9	24.5	27.7	27.7	24.5	15.9	3.0	0.3	0.2	0.1
-30	0.0	0.0	0.1	0.2	0.5	3.4	10.7	16.3	16.3	10.7	3.4	0.5	0.2	0.1	0.0
-40		0.0	0.1	0.2	0.3	0.4	0.8	1.5	1.5	0.8	0.4	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
-60		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
-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
-80		0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.0
-90	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.0	

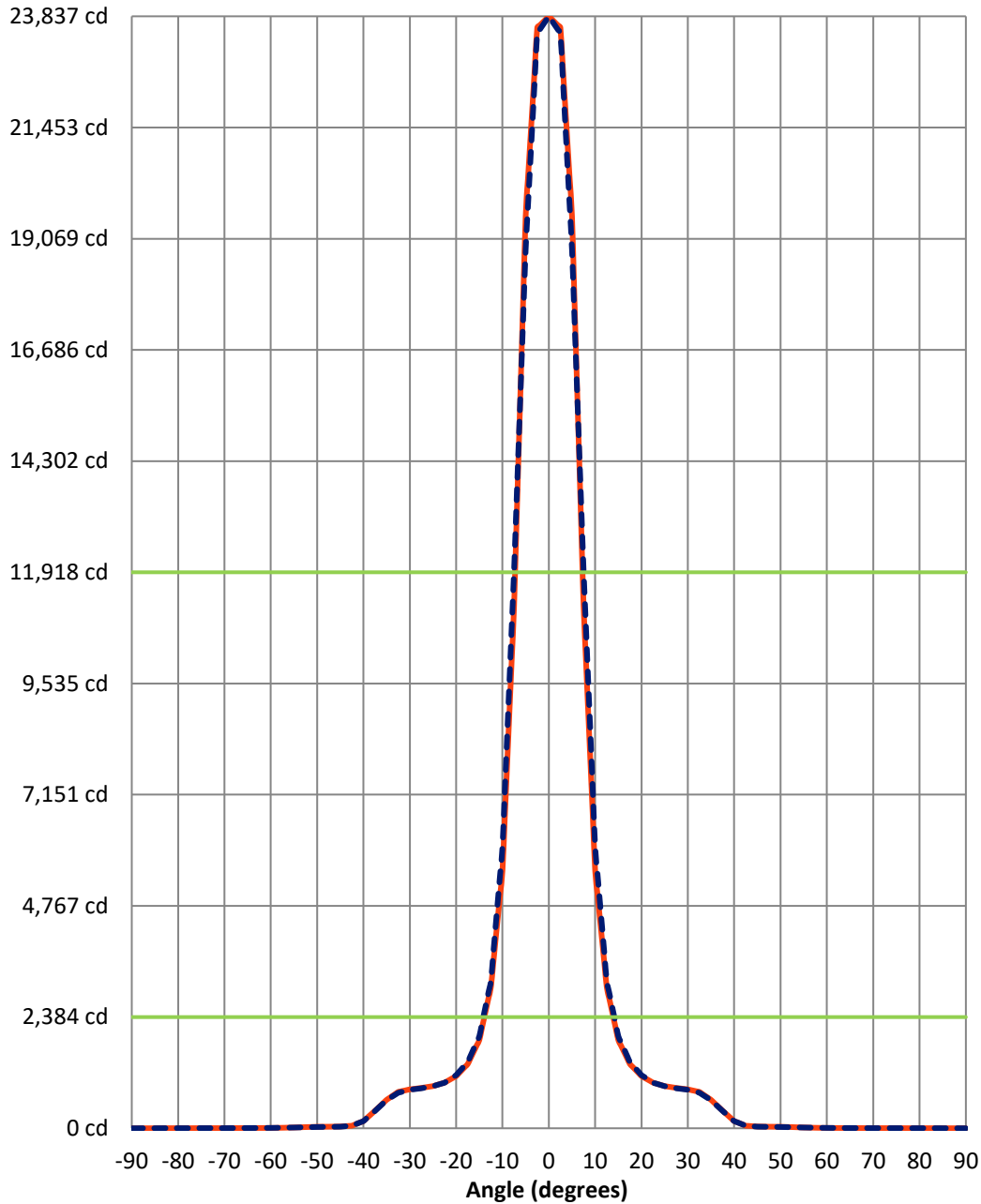
REPORT NUMBER: P722773 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-16-720PL-RGB-1R_BLUE-ONLY

Luminous Intensity Polar Plot



REPORT NUMBER: P722773 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-1R_BLUE-ONLY

Luminous Intensity Plot



Beam:
 H Angle: 15°
 V Angle: 14.6°
 Lumens: 935.6
 Efficiency: 33.9%

Field:
 H Angle: 28.3°
 V Angle: 27.8°
 Lumens: 1621.1
 Efficiency: 58.7%

Spill:
 Lumens: 1138.9
 Efficiency: 41.3%

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



REPORT NUMBER: P722773 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-LS-16-720PL-RGB-1R_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	2.0
62.5°	0.0	0.5	0.9	1.0	1.0	1.3	1.7	2.0	2.0	2.0	2.0
60°	0.0	0.5	1.0	1.0	1.0	1.5	2.0	2.0	2.0	2.0	2.0
57.5°	0.0	0.5	1.0	1.0	1.1	1.7	2.0	2.0	2.0	2.0	2.2
55°	0.0	0.6	1.0	1.0	1.3	1.9	2.0	2.0	2.0	2.1	2.6
52.5°	0.0	0.6	1.0	1.0	1.4	2.0	2.0	2.0	2.0	2.4	3.0
50°	0.0	0.6	1.0	1.0	1.6	2.0	2.0	2.0	2.1	2.7	3.0
47.5°	0.0	0.7	1.0	1.0	1.7	2.0	2.0	2.0	2.3	3.0	3.0
45°	0.0	0.7	1.0	1.1	1.8	2.0	2.0	2.0	2.6	3.0	3.0
42.5°	0.0	0.7	1.0	1.2	1.9	2.0	2.0	2.1	2.8	3.0	3.0
40°	0.0	0.8	1.0	1.3	2.0	2.0	2.0	2.3	3.0	3.0	3.0
37.5°	0.0	0.8	1.0	1.4	2.0	2.0	2.0	2.5	3.0	3.0	3.0
35°	0.0	0.8	1.0	1.5	2.0	2.0	2.0	2.7	3.0	3.0	3.1
32.5°	0.0	0.8	1.0	1.5	2.0	2.0	2.0	2.9	3.0	3.0	3.4
30°	0.0	0.9	1.0	1.6	2.0	2.0	2.2	3.0	3.0	3.0	3.6
27.5°	0.0	0.9	1.0	1.7	2.0	2.0	2.3	3.0	3.0	3.0	3.8
25°	0.0	0.9	1.0	1.7	2.0	2.0	2.4	3.0	3.0	3.1	4.0
22.5°	0.0	0.9	1.0	1.8	2.0	2.0	2.5	3.0	3.0	3.3	4.2
20°	0.0	0.9	1.0	1.8	2.0	2.0	2.6	3.0	3.0	3.4	4.4
17.5°	0.0	1.0	1.0	1.9	2.0	2.0	2.7	3.0	3.0	3.6	4.5
15°	0.0	1.0	1.0	1.9	2.0	2.0	2.8	3.0	3.0	3.7	4.6
12.5°	0.0	1.0	1.0	1.9	2.0	2.0	2.9	3.0	3.0	3.8	4.7
10°	0.0	1.0	1.0	2.0	2.0	2.0	2.9	3.0	3.0	3.9	4.8
7.5°	0.0	1.0	1.0	2.0	2.0	2.0	2.9	3.0	3.0	3.9	4.9
5°	0.0	1.0	1.0	2.0	2.0	2.0	3.0	3.0	3.0	4.0	5.0
2.5°	0.0	1.0	1.0	2.0	2.0	2.0	3.0	3.0	3.0	4.0	5.0
0°	0.0	1.0	1.0	2.0	2.0	2.0	3.0	3.0	3.0	4.0	5.0
-2.5°	0.0	1.0	1.0	2.0	2.0	2.0	3.0	3.0	3.0	4.0	5.0
-5°	0.0	1.0	1.0	2.0	2.0	2.0	3.0	3.0	3.0	4.0	5.0
-7.5°	0.0	1.0	1.0	2.0	2.0	2.0	2.9	3.0	3.0	3.9	4.9
-10°	0.0	1.0	1.0	2.0	2.0	2.0	2.9	3.0	3.0	3.9	4.8
-12.5°	0.0	1.0	1.0	1.9	2.0	2.0	2.9	3.0	3.0	3.8	4.7
-15°	0.0	1.0	1.0	1.9	2.0	2.0	2.8	3.0	3.0	3.7	4.6
-17.5°	0.0	1.0	1.0	1.9	2.0	2.0	2.7	3.0	3.0	3.6	4.5
-20°	0.0	0.9	1.0	1.8	2.0	2.0	2.6	3.0	3.0	3.4	4.4



REPORT NUMBER: P722773 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-1R_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	2.0	2.5	3.0	3.0	3.3	4.2
-25°	0.0	0.9	1.0	1.7	2.0	2.0	2.4	3.0	3.0	3.1	4.0
-27.5°	0.0	0.9	1.0	1.7	2.0	2.0	2.3	3.0	3.0	3.0	3.8
-30°	0.0	0.9	1.0	1.6	2.0	2.0	2.2	3.0	3.0	3.0	3.6
-32.5°	0.0	0.8	1.0	1.5	2.0	2.0	2.0	2.9	3.0	3.0	3.4
-35°	0.0	0.8	1.0	1.5	2.0	2.0	2.0	2.7	3.0	3.0	3.1
-37.5°	0.0	0.8	1.0	1.4	2.0	2.0	2.0	2.5	3.0	3.0	3.0
-40°	0.0	0.8	1.0	1.3	2.0	2.0	2.0	2.3	3.0	3.0	3.0
-42.5°	0.0	0.7	1.0	1.2	1.9	2.0	2.0	2.1	2.8	3.0	3.0
-45°	0.0	0.7	1.0	1.1	1.8	2.0	2.0	2.0	2.6	3.0	3.0
-47.5°	0.0	0.7	1.0	1.0	1.7	2.0	2.0	2.0	2.3	3.0	3.0
-50°	0.0	0.6	1.0	1.0	1.6	2.0	2.0	2.0	2.1	2.7	3.0
-52.5°	0.0	0.6	1.0	1.0	1.4	2.0	2.0	2.0	2.0	2.4	3.0
-55°	0.0	0.6	1.0	1.0	1.3	1.9	2.0	2.0	2.0	2.1	2.6
-57.5°	0.0	0.5	1.0	1.0	1.1	1.7	2.0	2.0	2.0	2.0	2.2
-60°	0.0	0.5	1.0	1.0	1.0	1.5	2.0	2.0	2.0	2.0	2.0
-62.5°	0.0	0.5	0.9	1.0	1.0	1.3	1.7	2.0	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	2.0
-67.5°	0.0	0.4	0.8	1.0	1.0	1.0	1.3	1.6	2.0	2.0	2.0
-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: P722773 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-1R_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	1.1	1.1	1.3	1.4	1.4	1.3	1.2
82.5°	1.0	1.0	1.0	1.0	1.2	1.4	1.7	2.0	1.8	1.7	1.5
80°	1.0	1.0	1.1	1.3	1.5	1.8	1.9	2.0	2.0	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	2.0	2.0	2.0	2.0
72.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.3	2.5
70°	2.0	2.0	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	3.0
65°	2.0	2.0	2.2	2.6	3.0	3.0	3.0	3.0	3.0	3.0	3.0
62.5°	2.0	2.3	2.7	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.6
60°	2.3	2.8	3.0	3.0	3.0	3.0	3.0	3.3	3.7	4.0	4.3
57.5°	2.7	3.0	3.0	3.0	3.0	3.1	3.5	3.9	4.3	4.7	5.1
55°	3.0	3.0	3.0	3.0	3.2	3.7	4.1	4.6	5.0	5.4	5.8
52.5°	3.0	3.0	3.0	3.2	3.7	4.2	4.7	5.2	5.7	6.1	6.6
50°	3.0	3.0	3.1	3.7	4.2	4.8	5.3	5.8	6.3	6.8	7.5
47.5°	3.0	3.0	3.5	4.1	4.7	5.3	5.9	6.4	6.9	7.9	8.9
45°	3.0	3.3	3.9	4.6	5.2	5.8	6.4	7.0	8.1	9.1	9.6
42.5°	3.0	3.7	4.3	5.0	5.7	6.3	6.9	8.1	9.2	9.8	10.4
40°	3.3	4.0	4.7	5.4	6.1	6.8	7.9	9.1	9.8	10.7	11.5
37.5°	3.6	4.3	5.1	5.8	6.6	7.5	8.9	9.6	10.7	11.8	12.5
35°	3.9	4.7	5.4	6.3	7.1	8.4	9.4	10.4	12.0	12.6	13.4
32.5°	4.2	5.0	5.8	6.8	8.0	9.2	9.9	11.7	13.0	13.7	14.6
30°	4.4	5.3	6.2	7.4	8.9	10.0	11.1	13.0	14.1	15.1	17.5
27.5°	4.7	5.5	6.7	8.2	9.7	11.0	12.8	14.2	15.3	17.0	21.1
25°	4.9	5.8	7.3	8.9	10.7	12.4	14.4	15.7	16.7	20.2	33.6
22.5°	5.1	6.0	7.8	9.6	11.7	13.9	15.9	17.4	19.1	23.7	45.9
20°	5.3	6.4	8.3	10.3	12.9	15.3	17.4	19.2	22.0	34.9	78.7
17.5°	5.5	6.8	8.8	11.2	14.1	16.8	19.0	21.0	24.5	45.5	122.2
15°	5.6	7.1	9.3	12.1	15.4	18.6	21.0	23.3	30.3	63.0	164.2
12.5°	5.7	7.4	9.8	12.9	16.9	20.5	23.2	25.8	38.5	95.3	230.6
10°	5.8	7.6	10.2	13.7	18.3	22.4	25.2	28.2	45.1	119.7	281.7
7.5°	5.9	7.8	10.7	14.4	19.8	24.3	27.2	30.5	50.2	137.6	320.4
5°	6.0	7.9	11.2	15.1	20.8	25.8	28.8	32.7	53.7	149.1	347.9
2.5°	6.0	8.0	11.6	15.6	21.5	26.5	29.5	33.4	54.6	154.3	365.3
0°	6.0	8.0	12.0	16.0	22.0	27.0	30.0	34.0	54.0	154.0	372.0
-2.5°	6.0	8.0	11.6	15.6	21.5	26.5	29.5	33.4	54.6	154.3	365.3
-5°	6.0	7.9	11.2	15.1	20.8	25.8	28.8	32.7	53.7	149.1	347.9
-7.5°	5.9	7.8	10.7	14.4	19.8	24.3	27.2	30.5	50.2	137.6	320.4
-10°	5.8	7.6	10.2	13.7	18.3	22.4	25.2	28.2	45.1	119.7	281.7
-12.5°	5.7	7.4	9.8	12.9	16.9	20.5	23.2	25.8	38.5	95.3	230.6
-15°	5.6	7.1	9.3	12.1	15.4	18.6	21.0	23.3	30.3	63.0	164.2
-17.5°	5.5	6.8	8.8	11.2	14.1	16.8	19.0	21.0	24.5	45.5	122.2
-20°	5.3	6.4	8.3	10.3	12.9	15.3	17.4	19.2	22.0	34.9	78.7



REPORT NUMBER: P722773 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-1R_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	7.8	9.6	11.7	13.9	15.9	17.4	19.1	23.7	45.9
-25°	4.9	5.8	7.3	8.9	10.7	12.4	14.4	15.7	16.7	20.2	33.6
-27.5°	4.7	5.5	6.7	8.2	9.7	11.0	12.8	14.2	15.3	17.0	21.1
-30°	4.4	5.3	6.2	7.4	8.9	10.0	11.1	13.0	14.1	15.1	17.5
-32.5°	4.2	5.0	5.8	6.8	8.0	9.2	9.9	11.7	13.0	13.7	14.6
-35°	3.9	4.7	5.4	6.3	7.1	8.4	9.4	10.4	12.0	12.6	13.4
-37.5°	3.6	4.3	5.1	5.8	6.6	7.5	8.9	9.6	10.7	11.8	12.5
-40°	3.3	4.0	4.7	5.4	6.1	6.8	7.9	9.1	9.8	10.7	11.5
-42.5°	3.0	3.7	4.3	5.0	5.7	6.3	6.9	8.1	9.2	9.8	10.4
-45°	3.0	3.3	3.9	4.6	5.2	5.8	6.4	7.0	8.1	9.1	9.6
-47.5°	3.0	3.0	3.5	4.1	4.7	5.3	5.9	6.4	6.9	7.9	8.9
-50°	3.0	3.0	3.1	3.7	4.2	4.8	5.3	5.8	6.3	6.8	7.5
-52.5°	3.0	3.0	3.0	3.2	3.7	4.2	4.7	5.2	5.7	6.1	6.6
-55°	3.0	3.0	3.0	3.0	3.2	3.7	4.1	4.6	5.0	5.4	5.8
-57.5°	2.7	3.0	3.0	3.0	3.0	3.1	3.5	3.9	4.3	4.7	5.1
-60°	2.3	2.8	3.0	3.0	3.0	3.0	3.0	3.3	3.7	4.0	4.3
-62.5°	2.0	2.3	2.7	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.6
-65°	2.0	2.0	2.2	2.6	3.0	3.0	3.0	3.0	3.0	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	3.0
-70°	2.0	2.0	2.0	2.0	2.0	2.1	2.3	2.6	2.8	3.0	3.0
-72.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.3	2.5
-75°	1.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	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
-80°	1.0	1.0	1.1	1.3	1.5	1.8	1.9	2.0	2.0	2.0	2.0
-82.5°	1.0	1.0	1.0	1.0	1.2	1.4	1.7	2.0	1.8	1.7	1.5
-85°	0.9	1.0	1.0	1.0	1.1	1.1	1.3	1.4	1.4	1.3	1.2
-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: P722773 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-1R_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°	2.0	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	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
67.5°	3.0	3.0	3.0	3.0	3.1	3.3	3.4	3.6	3.7	3.8	3.9
65°	3.1	3.4	3.6	3.8	4.0	4.2	4.4	4.5	4.6	4.7	4.8
62.5°	3.9	4.2	4.4	4.7	4.9	5.1	5.3	5.5	5.6	5.7	5.8
60°	4.7	5.0	5.3	5.5	5.8	6.0	6.3	6.6	7.0	7.4	7.6
57.5°	5.4	5.8	6.1	6.4	6.7	6.9	7.4	8.0	8.4	8.7	9.3
55°	6.2	6.6	6.9	7.5	8.1	8.6	9.1	9.6	10.4	11.5	12.8
52.5°	7.0	7.7	8.5	9.1	9.4	9.7	10.1	11.6	13.1	14.6	16.8
50°	8.4	9.1	9.5	9.9	10.6	11.5	12.6	14.1	15.8	17.7	20.8
47.5°	9.4	9.9	10.5	11.4	12.4	13.3	14.3	16.0	18.3	20.6	23.5
45°	10.2	10.8	11.7	12.5	13.3	14.6	15.9	17.5	20.3	22.7	25.3
42.5°	10.9	11.9	12.8	13.7	14.6	16.6	18.9	20.5	26.4	34.3	41.5
40°	12.2	13.2	14.2	15.8	18.6	21.6	32.3	40.2	55.0	83.9	109.6
37.5°	13.4	14.6	17.5	20.8	34.8	47.0	78.6	111.9	141.9	214.5	275.9
35°	14.7	18.2	25.4	48.5	78.9	129.8	186.7	270.6	348.9	429.9	496.9
32.5°	18.0	27.0	55.2	111.1	172.3	271.1	369.5	472.9	567.9	639.6	687.8
30°	23.6	50.3	112.9	201.5	325.4	444.2	563.9	656.8	728.6	782.8	799.2
27.5°	42.3	96.3	187.6	335.5	484.6	620.5	705.9	779.8	809.3	834.7	843.3
25°	71.1	154.2	307.9	471.3	627.5	727.6	789.7	826.6	846.3	862.8	877.6
22.5°	121.5	256.4	427.7	602.3	720.1	790.8	830.7	851.1	874.8	898.7	922.0
20°	180.3	355.1	551.4	690.7	782.0	831.2	852.5	879.5	910.7	949.5	997.0
17.5°	267.9	462.3	647.2	765.4	823.7	851.1	880.1	915.1	963.1	1031.0	1114.5
15°	350.0	565.8	716.2	800.4	843.8	874.6	911.6	963.4	1042.0	1163.3	1334.6
12.5°	430.9	637.8	766.9	828.4	859.6	896.6	950.3	1038.9	1167.4	1376.9	1658.8
10°	498.1	683.0	787.6	836.8	871.4	921.5	1001.6	1121.2	1328.6	1704.8	2247.7
7.5°	547.9	716.6	803.5	843.6	880.0	943.3	1045.3	1216.0	1537.2	2114.2	3198.4
5°	584.2	740.6	816.1	851.3	893.4	962.7	1088.7	1313.8	1740.7	2557.3	4368.1
2.5°	603.4	754.9	824.3	856.1	899.8	973.0	1119.6	1380.0	1885.6	3002.4	5428.4
0°	603.0	760.0	826.0	857.0	902.0	977.0	1140.0	1420.5	1973.0	3162.6	6034.1
-2.5°	603.4	754.9	824.3	856.1	899.8	973.0	1119.6	1380.0	1885.6	3002.4	5428.4
-5°	584.2	740.6	816.1	851.3	893.4	962.7	1088.7	1313.8	1740.7	2557.3	4368.1
-7.5°	547.9	716.6	803.5	843.6	880.0	943.3	1045.3	1216.0	1537.2	2114.2	3198.4
-10°	498.1	683.0	787.6	836.8	871.4	921.5	1001.6	1121.2	1328.6	1704.8	2247.7
-12.5°	430.9	637.8	766.9	828.4	859.6	896.6	950.3	1038.9	1167.4	1376.9	1658.8
-15°	350.0	565.8	716.2	800.4	843.8	874.6	911.6	963.4	1042.0	1163.3	1334.6
-17.5°	267.9	462.3	647.2	765.4	823.7	851.1	880.1	915.1	963.1	1031.0	1114.5
-20°	180.3	355.1	551.4	690.7	782.0	831.2	852.5	879.5	910.7	949.5	997.0



REPORT NUMBER: P722773 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-1R_BLUE-ONLY

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	121.5	256.4	427.7	602.3	720.1	790.8	830.7	851.1	874.8	898.7	922.0
-25°	71.1	154.2	307.9	471.3	627.5	727.6	789.7	826.6	846.3	862.8	877.6
-27.5°	42.3	96.3	187.6	335.5	484.6	620.5	705.9	779.8	809.3	834.7	843.3
-30°	23.6	50.3	112.9	201.5	325.4	444.2	563.9	656.8	728.6	782.8	799.2
-32.5°	18.0	27.0	55.2	111.1	172.3	271.1	369.5	472.9	567.9	639.6	687.8
-35°	14.7	18.2	25.4	48.5	78.9	129.8	186.7	270.6	348.9	429.9	496.9
-37.5°	13.4	14.6	17.5	20.8	34.8	47.0	78.6	111.9	141.9	214.5	275.9
-40°	12.2	13.2	14.2	15.8	18.6	21.6	32.3	40.2	55.0	83.9	109.6
-42.5°	10.9	11.9	12.8	13.7	14.6	16.6	18.9	20.5	26.4	34.3	41.5
-45°	10.2	10.8	11.7	12.5	13.3	14.6	15.9	17.5	20.3	22.7	25.3
-47.5°	9.4	9.9	10.5	11.4	12.4	13.3	14.3	16.0	18.3	20.6	23.5
-50°	8.4	9.1	9.5	9.9	10.6	11.5	12.6	14.1	15.8	17.7	20.8
-52.5°	7.0	7.7	8.5	9.1	9.4	9.7	10.1	11.6	13.1	14.6	16.8
-55°	6.2	6.6	6.9	7.5	8.1	8.6	9.1	9.6	10.4	11.5	12.8
-57.5°	5.4	5.8	6.1	6.4	6.7	6.9	7.4	8.0	8.4	8.7	9.3
-60°	4.7	5.0	5.3	5.5	5.8	6.0	6.3	6.6	7.0	7.4	7.6
-62.5°	3.9	4.2	4.4	4.7	4.9	5.1	5.3	5.5	5.6	5.7	5.8
-65°	3.1	3.4	3.6	3.8	4.0	4.2	4.4	4.5	4.6	4.7	4.8
-67.5°	3.0	3.0	3.0	3.0	3.1	3.3	3.4	3.6	3.7	3.8	3.9
-70°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
-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°	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: P722773 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-1R_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°	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°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
67.5°	3.9	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.8	3.7	3.6
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°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.8	5.7	5.6	5.5
60°	7.8	7.9	7.6	7.0	7.6	7.9	7.8	7.6	7.4	7.0	6.6
57.5°	9.9	10.7	11.0	11.0	11.0	10.7	9.9	9.3	8.7	8.4	8.0
55°	14.1	15.4	16.3	17.0	16.3	15.4	14.1	12.8	11.5	10.4	9.6
52.5°	19.6	22.5	24.2	25.0	24.2	22.5	19.6	16.8	14.6	13.1	11.6
50°	24.4	28.1	30.6	32.0	30.6	28.1	24.4	20.8	17.7	15.8	14.1
47.5°	26.9	30.2	32.6	34.0	32.6	30.2	26.9	23.5	20.6	18.3	16.0
45°	29.3	33.4	36.5	38.0	36.5	33.4	29.3	25.3	22.7	20.3	17.5
42.5°	47.6	52.1	54.6	55.0	54.6	52.1	47.6	41.5	34.3	26.4	20.5
40°	129.4	144.2	152.9	154.0	152.9	144.2	129.4	109.6	83.9	55.0	40.2
37.5°	322.0	353.8	372.1	376.0	372.1	353.8	322.0	275.9	214.5	141.9	111.9
35°	548.3	585.9	608.7	610.0	608.7	585.9	548.3	496.9	429.9	348.9	270.6
32.5°	726.1	756.7	776.1	779.0	776.1	756.7	726.1	687.8	639.6	567.9	472.9
30°	811.7	824.4	833.0	834.0	833.0	824.4	811.7	799.2	782.8	728.6	656.8
27.5°	850.3	858.3	864.6	865.0	864.6	858.3	850.3	843.3	834.7	809.3	779.8
25°	887.3	896.5	904.5	904.0	904.5	896.5	887.3	877.6	862.8	846.3	826.6
22.5°	941.5	959.0	975.8	978.0	975.8	959.0	941.5	922.0	898.7	874.8	851.1
20°	1041.2	1075.6	1106.4	1118.0	1106.4	1075.6	1041.2	997.0	949.5	910.7	879.5
17.5°	1206.8	1291.2	1355.6	1377.0	1355.6	1291.2	1206.8	1114.5	1031.0	963.1	915.1
15°	1511.2	1705.8	1844.9	1891.0	1844.9	1705.8	1511.2	1334.6	1163.3	1042.0	963.4
12.5°	2056.2	2515.7	2887.5	3026.1	2887.5	2515.7	2056.2	1658.8	1376.9	1167.4	1038.9
10°	3080.8	4196.6	5240.3	5522.1	5240.3	4196.6	3080.8	2247.7	1704.8	1328.6	1121.2
7.5°	5080.2	7376.3	10046.6	11193.3	10046.6	7376.3	5080.2	3198.4	2114.2	1537.2	1216.0
5°	7631.2	12736.5	17291.6	19549.5	17291.6	12736.5	7631.2	4368.1	2557.3	1740.7	1313.8
2.5°	10517.9	17360.6	22281.0	23591.1	22281.0	17360.6	10517.9	5428.4	3002.4	1885.6	1380.0
0°	11965.8	18827.5	23471.6	23836.6	23471.6	18827.5	11965.8	6034.1	3162.6	1973.0	1420.5
-2.5°	10517.9	17360.6	22281.0	23591.1	22281.0	17360.6	10517.9	5428.4	3002.4	1885.6	1380.0
-5°	7631.2	12736.5	17291.6	19549.5	17291.6	12736.5	7631.2	4368.1	2557.3	1740.7	1313.8
-7.5°	5080.2	7376.3	10046.6	11193.3	10046.6	7376.3	5080.2	3198.4	2114.2	1537.2	1216.0
-10°	3080.8	4196.6	5240.3	5522.1	5240.3	4196.6	3080.8	2247.7	1704.8	1328.6	1121.2
-12.5°	2056.2	2515.7	2887.5	3026.1	2887.5	2515.7	2056.2	1658.8	1376.9	1167.4	1038.9
-15°	1511.2	1705.8	1844.9	1891.0	1844.9	1705.8	1511.2	1334.6	1163.3	1042.0	963.4
-17.5°	1206.8	1291.2	1355.6	1377.0	1355.6	1291.2	1206.8	1114.5	1031.0	963.1	915.1
-20°	1041.2	1075.6	1106.4	1118.0	1106.4	1075.6	1041.2	997.0	949.5	910.7	879.5



REPORT NUMBER: P722773 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-1R_BLUE-ONLY

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	941.5	959.0	975.8	978.0	975.8	959.0	941.5	922.0	898.7	874.8	851.1
-25°	887.3	896.5	904.5	904.0	904.5	896.5	887.3	877.6	862.8	846.3	826.6
-27.5°	850.3	858.3	864.6	865.0	864.6	858.3	850.3	843.3	834.7	809.3	779.8
-30°	811.7	824.4	833.0	834.0	833.0	824.4	811.7	799.2	782.8	728.6	656.8
-32.5°	726.1	756.7	776.1	779.0	776.1	756.7	726.1	687.8	639.6	567.9	472.9
-35°	548.3	585.9	608.7	610.0	608.7	585.9	548.3	496.9	429.9	348.9	270.6
-37.5°	322.0	353.8	372.1	376.0	372.1	353.8	322.0	275.9	214.5	141.9	111.9
-40°	129.4	144.2	152.9	154.0	152.9	144.2	129.4	109.6	83.9	55.0	40.2
-42.5°	47.6	52.1	54.6	55.0	54.6	52.1	47.6	41.5	34.3	26.4	20.5
-45°	29.3	33.4	36.5	38.0	36.5	33.4	29.3	25.3	22.7	20.3	17.5
-47.5°	26.9	30.2	32.6	34.0	32.6	30.2	26.9	23.5	20.6	18.3	16.0
-50°	24.4	28.1	30.6	32.0	30.6	28.1	24.4	20.8	17.7	15.8	14.1
-52.5°	19.6	22.5	24.2	25.0	24.2	22.5	19.6	16.8	14.6	13.1	11.6
-55°	14.1	15.4	16.3	17.0	16.3	15.4	14.1	12.8	11.5	10.4	9.6
-57.5°	9.9	10.7	11.0	11.0	11.0	10.7	9.9	9.3	8.7	8.4	8.0
-60°	7.8	7.9	7.6	7.0	7.6	7.9	7.8	7.6	7.4	7.0	6.6
-62.5°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.8	5.7	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°	3.9	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.8	3.7	3.6
-70°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
-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	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: P722773 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
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	1.2	1.3	1.4	1.4
82.5°	1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.5	1.7	1.8	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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	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°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	2.6
67.5°	3.4	3.3	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
65°	4.4	4.2	4.0	3.8	3.6	3.4	3.1	3.0	3.0	3.0	3.0
62.5°	5.3	5.1	4.9	4.7	4.4	4.2	3.9	3.6	3.3	3.0	3.0
60°	6.3	6.0	5.8	5.5	5.3	5.0	4.7	4.3	4.0	3.7	3.3
57.5°	7.4	6.9	6.7	6.4	6.1	5.8	5.4	5.1	4.7	4.3	3.9
55°	9.1	8.6	8.1	7.5	6.9	6.6	6.2	5.8	5.4	5.0	4.6
52.5°	10.1	9.7	9.4	9.1	8.5	7.7	7.0	6.6	6.1	5.7	5.2
50°	12.6	11.5	10.6	9.9	9.5	9.1	8.4	7.5	6.8	6.3	5.8
47.5°	14.3	13.3	12.4	11.4	10.5	9.9	9.4	8.9	7.9	6.9	6.4
45°	15.9	14.6	13.3	12.5	11.7	10.8	10.2	9.6	9.1	8.1	7.0
42.5°	18.9	16.6	14.6	13.7	12.8	11.9	10.9	10.4	9.8	9.2	8.1
40°	32.3	21.6	18.6	15.8	14.2	13.2	12.2	11.5	10.7	9.8	9.1
37.5°	78.6	47.0	34.8	20.8	17.5	14.6	13.4	12.5	11.8	10.7	9.6
35°	186.7	129.8	78.9	48.5	25.4	18.2	14.7	13.4	12.6	12.0	10.4
32.5°	369.5	271.1	172.3	111.1	55.2	27.0	18.0	14.6	13.7	13.0	11.7
30°	563.9	444.2	325.4	201.5	112.9	50.3	23.6	17.5	15.1	14.1	13.0
27.5°	705.9	620.5	484.6	335.5	187.6	96.3	42.3	21.1	17.0	15.3	14.2
25°	789.7	727.6	627.5	471.3	307.9	154.2	71.1	33.6	20.2	16.7	15.7
22.5°	830.7	790.8	720.1	602.3	427.7	256.4	121.5	45.9	23.7	19.1	17.4
20°	852.5	831.2	782.0	690.7	551.4	355.1	180.3	78.7	34.9	22.0	19.2
17.5°	880.1	851.1	823.7	765.4	647.2	462.3	267.9	122.2	45.5	24.5	21.0
15°	911.6	874.6	843.8	800.4	716.2	565.8	350.0	164.2	63.0	30.3	23.3
12.5°	950.3	896.6	859.6	828.4	766.9	637.8	430.9	230.6	95.3	38.5	25.8
10°	1001.6	921.5	871.4	836.8	787.6	683.0	498.1	281.7	119.7	45.1	28.2
7.5°	1045.3	943.3	880.0	843.6	803.5	716.6	547.9	320.4	137.6	50.2	30.5
5°	1088.7	962.7	893.4	851.3	816.1	740.6	584.2	347.9	149.1	53.7	32.7
2.5°	1119.6	973.0	899.8	856.1	824.3	754.9	603.4	365.3	154.3	54.6	33.4
0°	1140.0	977.0	902.0	857.0	826.0	760.0	603.0	372.0	154.0	54.0	34.0
-2.5°	1119.6	973.0	899.8	856.1	824.3	754.9	603.4	365.3	154.3	54.6	33.4
-5°	1088.7	962.7	893.4	851.3	816.1	740.6	584.2	347.9	149.1	53.7	32.7
-7.5°	1045.3	943.3	880.0	843.6	803.5	716.6	547.9	320.4	137.6	50.2	30.5
-10°	1001.6	921.5	871.4	836.8	787.6	683.0	498.1	281.7	119.7	45.1	28.2
-12.5°	950.3	896.6	859.6	828.4	766.9	637.8	430.9	230.6	95.3	38.5	25.8
-15°	911.6	874.6	843.8	800.4	716.2	565.8	350.0	164.2	63.0	30.3	23.3
-17.5°	880.1	851.1	823.7	765.4	647.2	462.3	267.9	122.2	45.5	24.5	21.0
-20°	852.5	831.2	782.0	690.7	551.4	355.1	180.3	78.7	34.9	22.0	19.2



REPORT NUMBER: P722773 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	830.7	790.8	720.1	602.3	427.7	256.4	121.5	45.9	23.7	19.1	17.4
-25°	789.7	727.6	627.5	471.3	307.9	154.2	71.1	33.6	20.2	16.7	15.7
-27.5°	705.9	620.5	484.6	335.5	187.6	96.3	42.3	21.1	17.0	15.3	14.2
-30°	563.9	444.2	325.4	201.5	112.9	50.3	23.6	17.5	15.1	14.1	13.0
-32.5°	369.5	271.1	172.3	111.1	55.2	27.0	18.0	14.6	13.7	13.0	11.7
-35°	186.7	129.8	78.9	48.5	25.4	18.2	14.7	13.4	12.6	12.0	10.4
-37.5°	78.6	47.0	34.8	20.8	17.5	14.6	13.4	12.5	11.8	10.7	9.6
-40°	32.3	21.6	18.6	15.8	14.2	13.2	12.2	11.5	10.7	9.8	9.1
-42.5°	18.9	16.6	14.6	13.7	12.8	11.9	10.9	10.4	9.8	9.2	8.1
-45°	15.9	14.6	13.3	12.5	11.7	10.8	10.2	9.6	9.1	8.1	7.0
-47.5°	14.3	13.3	12.4	11.4	10.5	9.9	9.4	8.9	7.9	6.9	6.4
-50°	12.6	11.5	10.6	9.9	9.5	9.1	8.4	7.5	6.8	6.3	5.8
-52.5°	10.1	9.7	9.4	9.1	8.5	7.7	7.0	6.6	6.1	5.7	5.2
-55°	9.1	8.6	8.1	7.5	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	3.9
-60°	6.3	6.0	5.8	5.5	5.3	5.0	4.7	4.3	4.0	3.7	3.3
-62.5°	5.3	5.1	4.9	4.7	4.4	4.2	3.9	3.6	3.3	3.0	3.0
-65°	4.4	4.2	4.0	3.8	3.6	3.4	3.1	3.0	3.0	3.0	3.0
-67.5°	3.4	3.3	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
-70°	3.0	3.0	3.0	3.0	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	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	2.0	2.0
-82.5°	1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.5	1.7	1.8	2.0
-85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.3	1.4	1.4
-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: P722773 (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°
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°	1.3	1.1	1.1	1.0	1.0	1.0	0.9	0.8	0.8	0.7	0.6
82.5°	1.7	1.4	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
80°	1.9	1.8	1.5	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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.6	1.4	1.1
70°	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.7	1.4
67.5°	3.0	2.7	2.4	2.1	2.0	2.0	2.0	2.0	2.0	2.0	1.6
65°	3.0	3.0	3.0	2.6	2.2	2.0	2.0	2.0	2.0	2.0	1.9
62.5°	3.0	3.0	3.0	3.0	2.7	2.3	2.0	2.0	2.0	2.0	2.0
60°	3.0	3.0	3.0	3.0	3.0	2.8	2.3	2.0	2.0	2.0	2.0
57.5°	3.5	3.1	3.0	3.0	3.0	3.0	2.7	2.2	2.0	2.0	2.0
55°	4.1	3.7	3.2	3.0	3.0	3.0	3.0	2.6	2.1	2.0	2.0
52.5°	4.7	4.2	3.7	3.2	3.0	3.0	3.0	3.0	2.4	2.0	2.0
50°	5.3	4.8	4.2	3.7	3.1	3.0	3.0	3.0	2.7	2.1	2.0
47.5°	5.9	5.3	4.7	4.1	3.5	3.0	3.0	3.0	3.0	2.3	2.0
45°	6.4	5.8	5.2	4.6	3.9	3.3	3.0	3.0	3.0	2.6	2.0
42.5°	6.9	6.3	5.7	5.0	4.3	3.7	3.0	3.0	3.0	2.8	2.1
40°	7.9	6.8	6.1	5.4	4.7	4.0	3.3	3.0	3.0	3.0	2.3
37.5°	8.9	7.5	6.6	5.8	5.1	4.3	3.6	3.0	3.0	3.0	2.5
35°	9.4	8.4	7.1	6.3	5.4	4.7	3.9	3.1	3.0	3.0	2.7
32.5°	9.9	9.2	8.0	6.8	5.8	5.0	4.2	3.4	3.0	3.0	2.9
30°	11.1	10.0	8.9	7.4	6.2	5.3	4.4	3.6	3.0	3.0	3.0
27.5°	12.8	11.0	9.7	8.2	6.7	5.5	4.7	3.8	3.0	3.0	3.0
25°	14.4	12.4	10.7	8.9	7.3	5.8	4.9	4.0	3.1	3.0	3.0
22.5°	15.9	13.9	11.7	9.6	7.8	6.0	5.1	4.2	3.3	3.0	3.0
20°	17.4	15.3	12.9	10.3	8.3	6.4	5.3	4.4	3.4	3.0	3.0
17.5°	19.0	16.8	14.1	11.2	8.8	6.8	5.5	4.5	3.6	3.0	3.0
15°	21.0	18.6	15.4	12.1	9.3	7.1	5.6	4.6	3.7	3.0	3.0
12.5°	23.2	20.5	16.9	12.9	9.8	7.4	5.7	4.7	3.8	3.0	3.0
10°	25.2	22.4	18.3	13.7	10.2	7.6	5.8	4.8	3.9	3.0	3.0
7.5°	27.2	24.3	19.8	14.4	10.7	7.8	5.9	4.9	3.9	3.0	3.0
5°	28.8	25.8	20.8	15.1	11.2	7.9	6.0	5.0	4.0	3.0	3.0
2.5°	29.5	26.5	21.5	15.6	11.6	8.0	6.0	5.0	4.0	3.0	3.0
0°	30.0	27.0	22.0	16.0	12.0	8.0	6.0	5.0	4.0	3.0	3.0
-2.5°	29.5	26.5	21.5	15.6	11.6	8.0	6.0	5.0	4.0	3.0	3.0
-5°	28.8	25.8	20.8	15.1	11.2	7.9	6.0	5.0	4.0	3.0	3.0
-7.5°	27.2	24.3	19.8	14.4	10.7	7.8	5.9	4.9	3.9	3.0	3.0
-10°	25.2	22.4	18.3	13.7	10.2	7.6	5.8	4.8	3.9	3.0	3.0
-12.5°	23.2	20.5	16.9	12.9	9.8	7.4	5.7	4.7	3.8	3.0	3.0
-15°	21.0	18.6	15.4	12.1	9.3	7.1	5.6	4.6	3.7	3.0	3.0
-17.5°	19.0	16.8	14.1	11.2	8.8	6.8	5.5	4.5	3.6	3.0	3.0
-20°	17.4	15.3	12.9	10.3	8.3	6.4	5.3	4.4	3.4	3.0	3.0



REPORT NUMBER: P722773 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-1R_BLUE-ONLY

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	15.9	13.9	11.7	9.6	7.8	6.0	5.1	4.2	3.3	3.0	3.0
-25°	14.4	12.4	10.7	8.9	7.3	5.8	4.9	4.0	3.1	3.0	3.0
-27.5°	12.8	11.0	9.7	8.2	6.7	5.5	4.7	3.8	3.0	3.0	3.0
-30°	11.1	10.0	8.9	7.4	6.2	5.3	4.4	3.6	3.0	3.0	3.0
-32.5°	9.9	9.2	8.0	6.8	5.8	5.0	4.2	3.4	3.0	3.0	2.9
-35°	9.4	8.4	7.1	6.3	5.4	4.7	3.9	3.1	3.0	3.0	2.7
-37.5°	8.9	7.5	6.6	5.8	5.1	4.3	3.6	3.0	3.0	3.0	2.5
-40°	7.9	6.8	6.1	5.4	4.7	4.0	3.3	3.0	3.0	3.0	2.3
-42.5°	6.9	6.3	5.7	5.0	4.3	3.7	3.0	3.0	3.0	2.8	2.1
-45°	6.4	5.8	5.2	4.6	3.9	3.3	3.0	3.0	3.0	2.6	2.0
-47.5°	5.9	5.3	4.7	4.1	3.5	3.0	3.0	3.0	3.0	2.3	2.0
-50°	5.3	4.8	4.2	3.7	3.1	3.0	3.0	3.0	2.7	2.1	2.0
-52.5°	4.7	4.2	3.7	3.2	3.0	3.0	3.0	3.0	2.4	2.0	2.0
-55°	4.1	3.7	3.2	3.0	3.0	3.0	3.0	2.6	2.1	2.0	2.0
-57.5°	3.5	3.1	3.0	3.0	3.0	3.0	2.7	2.2	2.0	2.0	2.0
-60°	3.0	3.0	3.0	3.0	3.0	2.8	2.3	2.0	2.0	2.0	2.0
-62.5°	3.0	3.0	3.0	3.0	2.7	2.3	2.0	2.0	2.0	2.0	2.0
-65°	3.0	3.0	3.0	2.6	2.2	2.0	2.0	2.0	2.0	2.0	1.9
-67.5°	3.0	2.7	2.4	2.1	2.0	2.0	2.0	2.0	2.0	2.0	1.6
-70°	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.7	1.4
-72.5°	2.0	2.0	2.0	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°	1.9	1.8	1.5	1.3	1.1	1.0	1.0	1.0	1.0	1.0	1.0
-82.5°	1.7	1.4	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
-85°	1.3	1.1	1.1	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: P722773 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-1R_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°	2.0	2.0	1.8	1.1	1.0	0.7	0.0
42.5°	2.0	2.0	1.9	1.2	1.0	0.7	0.0
40°	2.0	2.0	2.0	1.3	1.0	0.8	0.0
37.5°	2.0	2.0	2.0	1.4	1.0	0.8	0.0
35°	2.0	2.0	2.0	1.5	1.0	0.8	0.0
32.5°	2.0	2.0	2.0	1.5	1.0	0.8	0.0
30°	2.2	2.0	2.0	1.6	1.0	0.9	0.0
27.5°	2.3	2.0	2.0	1.7	1.0	0.9	0.0
25°	2.4	2.0	2.0	1.7	1.0	0.9	0.0
22.5°	2.5	2.0	2.0	1.8	1.0	0.9	0.0
20°	2.6	2.0	2.0	1.8	1.0	0.9	0.0
17.5°	2.7	2.0	2.0	1.9	1.0	1.0	0.0
15°	2.8	2.0	2.0	1.9	1.0	1.0	0.0
12.5°	2.9	2.0	2.0	1.9	1.0	1.0	0.0
10°	2.9	2.0	2.0	2.0	1.0	1.0	0.0
7.5°	2.9	2.0	2.0	2.0	1.0	1.0	0.0
5°	3.0	2.0	2.0	2.0	1.0	1.0	0.0
2.5°	3.0	2.0	2.0	2.0	1.0	1.0	0.0
0°	3.0	2.0	2.0	2.0	1.0	1.0	0.0
-2.5°	3.0	2.0	2.0	2.0	1.0	1.0	0.0
-5°	3.0	2.0	2.0	2.0	1.0	1.0	0.0
-7.5°	2.9	2.0	2.0	2.0	1.0	1.0	0.0
-10°	2.9	2.0	2.0	2.0	1.0	1.0	0.0
-12.5°	2.9	2.0	2.0	1.9	1.0	1.0	0.0
-15°	2.8	2.0	2.0	1.9	1.0	1.0	0.0
-17.5°	2.7	2.0	2.0	1.9	1.0	1.0	0.0
-20°	2.6	2.0	2.0	1.8	1.0	0.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	2.5	2.0	2.0	1.8	1.0	0.9	0.0
-25°	2.4	2.0	2.0	1.7	1.0	0.9	0.0
-27.5°	2.3	2.0	2.0	1.7	1.0	0.9	0.0
-30°	2.2	2.0	2.0	1.6	1.0	0.9	0.0
-32.5°	2.0	2.0	2.0	1.5	1.0	0.8	0.0
-35°	2.0	2.0	2.0	1.5	1.0	0.8	0.0
-37.5°	2.0	2.0	2.0	1.4	1.0	0.8	0.0
-40°	2.0	2.0	2.0	1.3	1.0	0.8	0.0
-42.5°	2.0	2.0	1.9	1.2	1.0	0.7	0.0
-45°	2.0	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)