

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: P722781 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-16-720PL-RGB-2S\_BLUE-ONLY**

Issue Date: 11/1/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P722781 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2308-140-11)  
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-2S\_BLUE-ONLY  
Description: LUMASPORT 16 PRISM RGB  
Light Source: -  
Ballast/Driver: -

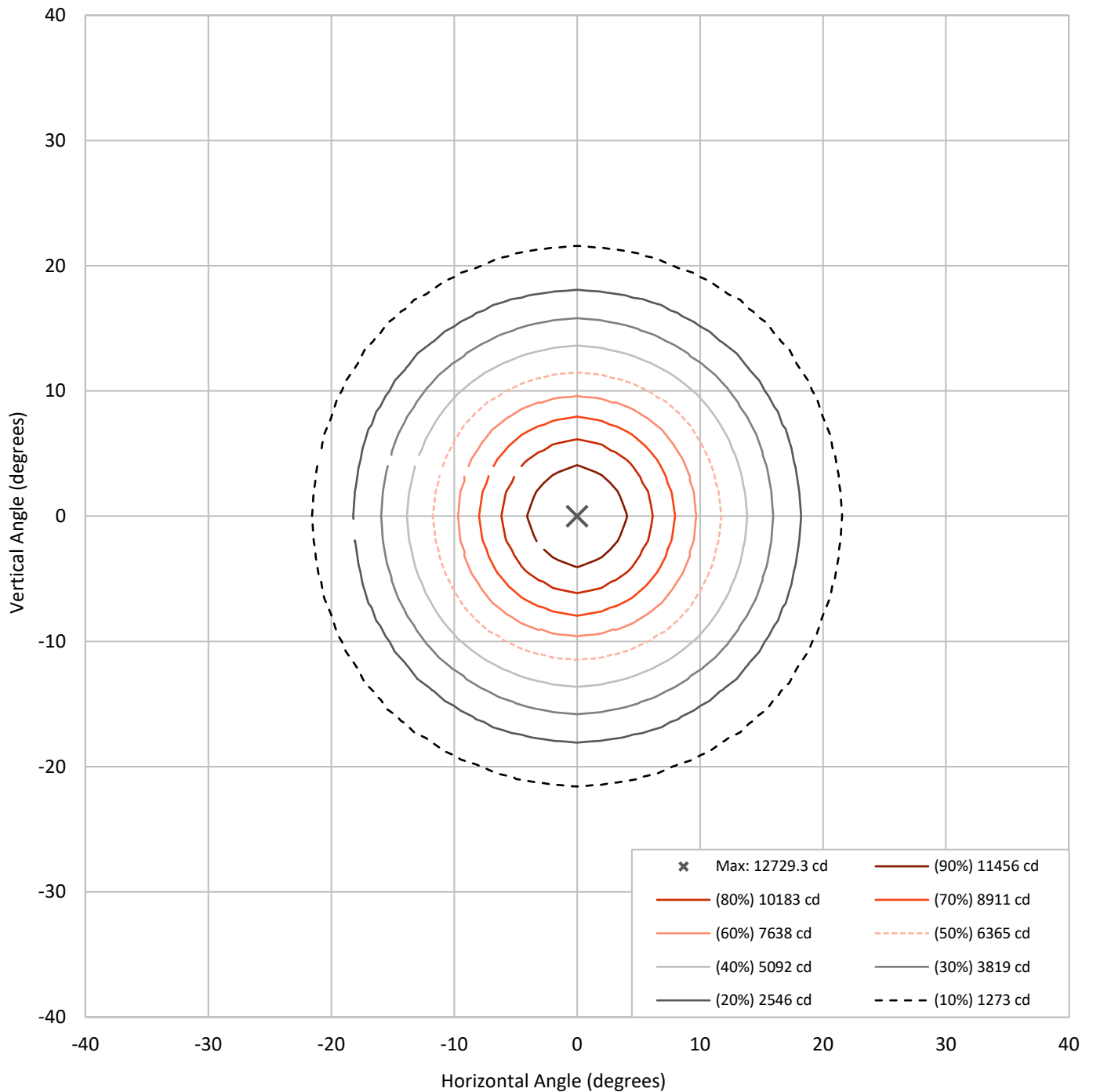
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	2754.2 lumens	Max Intensity:	12729.3 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%):	23.5°H x 23°V	Field Angle (10%):	43.1°H x 43.2°V
Beam Lumens:	1146.9 lumens	Field Lumens:	2151.3 lumens
Beam Efficiency:	41.6%	Field Efficiency:	78.1%
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: P722781 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-LS-16-720PL-RGB-2S\_BLUE-ONLY

### Iso-Candela Plot





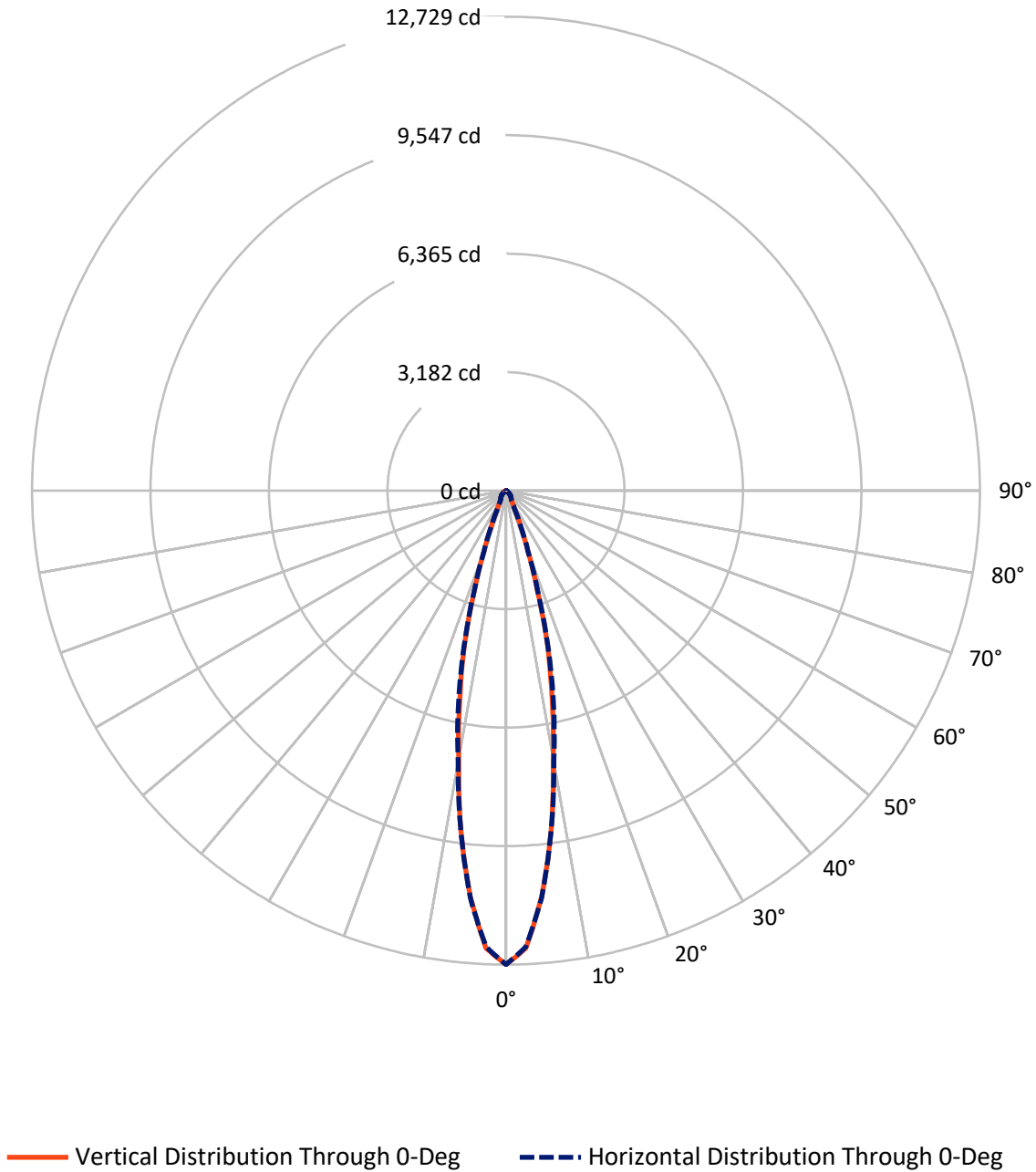
REPORT NUMBER: P722781 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2S\_BLUE-ONLY

### Lumen Table

90	0.0	0.1	0.2	0.4	0.5	0.4	0.2	0.1	0.0										
80	0.0	0.1	0.2	0.4	0.5	0.4	0.2	0.1	0.0										
70	0.0	0.0	0.1	0.2	0.4	0.6	0.8	0.9	0.9	0.8	0.6	0.4	0.2	0.1	0.0	0.0			
60		0.1	0.2	0.6	1.0	1.5	1.8	2.0	2.0	1.8	1.5	1.0	0.6	0.2	0.1				
50	0.1	0.1	0.5	1.0	1.7	2.7	3.9	4.5	4.5	3.9	2.7	1.7	1.0	0.5	0.1	0.1			
40		0.2	0.7	1.5	3.0	4.9	6.3	7.1	7.1	6.3	4.9	3.0	1.5	0.7	0.2				
30	0.1	0.3	0.9	2.1	4.5	6.6	10.9	19.7	19.7	10.9	6.6	4.5	2.1	0.9	0.3	0.1			
20		0.4	1.1	2.9	5.3	10.2	45.7	113.6	113.6	45.7	10.2	5.3	2.9	1.1	0.4				
10	0.1	0.4	1.2	3.2	5.9	17.9	112.9	273.3	273.3	112.9	17.9	5.9	3.2	1.2	0.4	0.1			
0		0.4	1.2	3.2	5.9	17.9	112.9	273.3	273.3	112.9	17.9	5.9	3.2	1.2	0.4				
-10	0.1	0.4	1.1	2.9	5.3	10.2	45.7	113.6	113.6	45.7	10.2	5.3	2.9	1.1	0.4	0.1			
-20		0.3	0.9	2.1	4.5	6.6	10.9	19.7	19.7	10.9	6.6	4.5	2.1	0.9	0.3				
-30	0.1	0.2	0.7	1.5	3.0	4.9	6.3	7.1	7.1	6.3	4.9	3.0	1.5	0.7	0.2	0.1			
-40		0.1	0.5	1.0	1.7	2.7	3.9	4.5	4.5	3.9	2.7	1.7	1.0	0.5	0.1				
-50	0.0	0.1	0.2	0.6	1.0	1.5	1.8	2.0	2.0	1.8	1.5	1.0	0.6	0.2	0.1	0.0			
-60		0.0	0.1	0.2	0.4	0.6	0.8	0.9	0.9	0.8	0.6	0.4	0.2	0.1	0.0				
-70	0.0	0.1	0.2	0.6	1.0	1.5	1.8	2.0	2.0	1.8	1.5	1.0	0.6	0.2	0.1	0.0			
-80		0.0	0.1	0.2	0.4	0.6	0.8	0.9	0.9	0.8	0.6	0.4	0.2	0.1	0.0				
-90	0.0	0.1	0.2	0.4	0.5	0.4	0.2	0.1	0.0										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

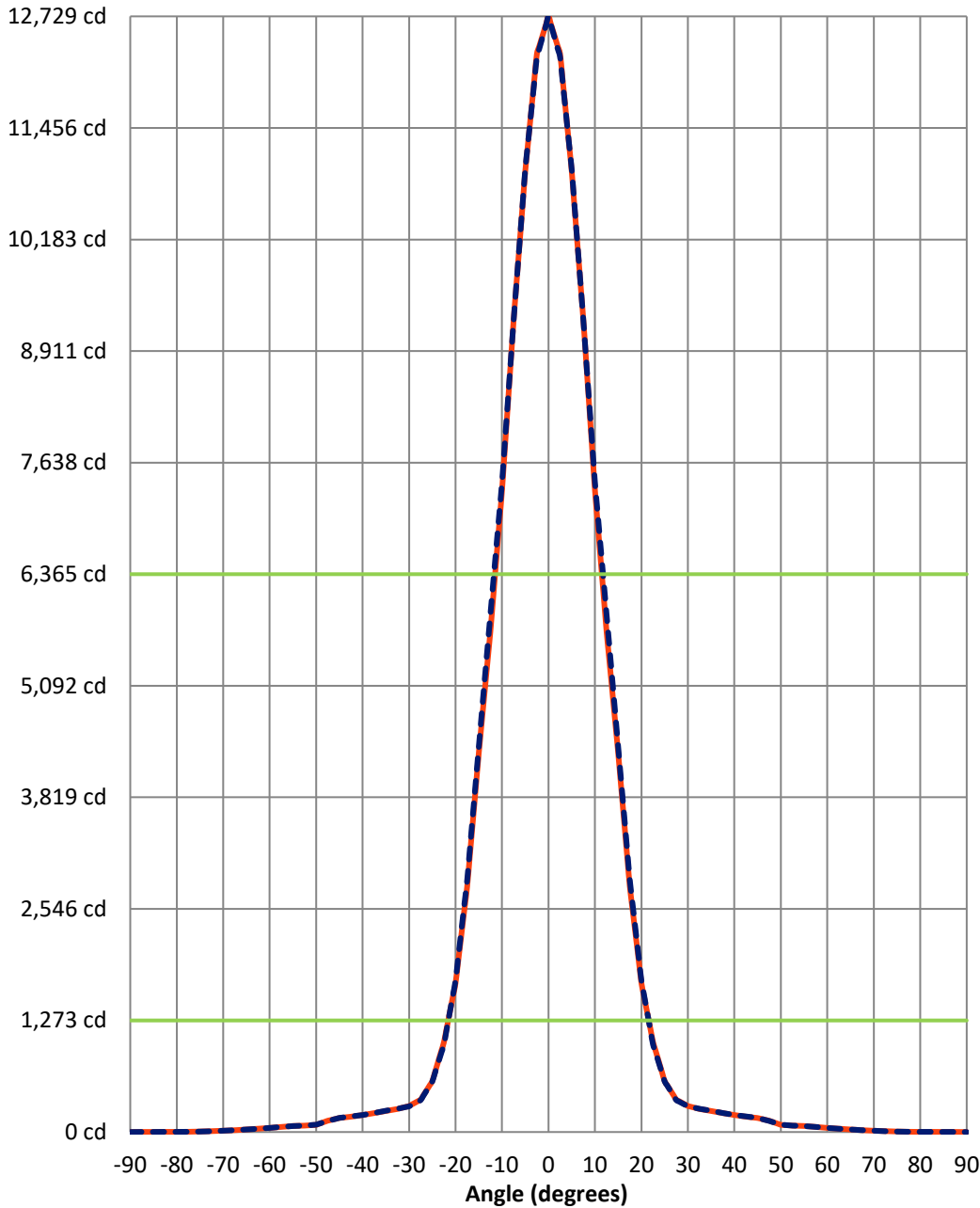
REPORT NUMBER: P722781 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-LS-16-720PL-RGB-2S\_BLUE-ONLY

### Luminous Intensity Polar Plot



REPORT NUMBER: P722781 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Luminous Intensity Plot



**Beam:**  
H Angle: 23.5°  
V Angle: 23°  
Lumens: 1146.9  
Efficiency: 41.6%

**Field:**  
H Angle: 43.1°  
V Angle: 43.2°  
Lumens: 2151.3  
Efficiency: 78.1%

**Spill:**  
Lumens: 602.8  
Efficiency: 21.9%

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



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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	3.7
55°	0.0	0.6	1.0	1.0	1.3	1.9	2.0	2.0	2.5	3.2	4.8
52.5°	0.0	0.6	1.0	1.0	1.4	2.0	2.0	2.2	2.8	4.2	5.9
50°	0.0	0.6	1.0	1.0	1.6	2.0	2.0	2.5	3.2	5.1	7.2
47.5°	0.0	0.7	1.0	1.0	1.7	2.0	2.0	2.7	4.0	6.0	8.5
45°	0.0	0.7	1.0	1.1	1.8	2.0	2.2	2.9	4.8	7.1	9.8
42.5°	0.0	0.7	1.0	1.2	1.9	2.0	2.4	3.3	5.4	8.2	11.3
40°	0.0	0.8	1.0	1.3	2.0	2.0	2.6	3.9	6.1	9.3	12.8
37.5°	0.0	0.8	1.0	1.4	2.0	2.0	2.7	4.3	6.9	10.3	14.2
35°	0.0	0.8	1.0	1.5	2.0	2.1	2.9	4.8	7.7	11.4	15.6
32.5°	0.0	0.8	1.0	1.5	2.0	2.2	3.1	5.2	8.4	12.5	17.1
30°	0.0	0.9	1.0	1.6	2.0	2.3	3.4	5.5	9.1	13.6	18.5
27.5°	0.0	0.9	1.0	1.7	2.0	2.4	3.7	6.1	9.8	14.7	19.8
25°	0.0	0.9	1.0	1.7	2.0	2.5	3.9	6.6	10.6	15.7	21.1
22.5°	0.0	0.9	1.0	1.8	2.0	2.6	4.1	7.0	11.4	16.7	22.4
20°	0.0	0.9	1.0	1.8	2.0	2.7	4.3	7.4	12.1	17.6	23.7
17.5°	0.0	1.0	1.0	1.9	2.0	2.8	4.4	7.7	12.7	18.4	24.9
15°	0.0	1.0	1.0	1.9	2.0	2.8	4.6	8.0	13.3	19.1	26.0
12.5°	0.0	1.0	1.0	1.9	2.0	2.9	4.7	8.3	13.8	19.7	26.9
10°	0.0	1.0	1.0	2.0	2.0	2.9	4.8	8.6	14.2	20.1	27.7
7.5°	0.0	1.0	1.0	2.0	2.0	3.0	4.9	8.8	14.6	20.5	28.3
5°	0.0	1.0	1.0	2.0	2.0	3.0	5.0	8.9	14.8	20.8	28.7
2.5°	0.0	1.0	1.0	2.0	2.0	3.0	5.0	9.0	15.0	20.9	28.9
0°	0.0	1.0	1.0	2.0	2.0	3.0	5.0	9.0	15.0	21.0	29.0
-2.5°	0.0	1.0	1.0	2.0	2.0	3.0	5.0	9.0	15.0	20.9	28.9
-5°	0.0	1.0	1.0	2.0	2.0	3.0	5.0	8.9	14.8	20.8	28.7
-7.5°	0.0	1.0	1.0	2.0	2.0	3.0	4.9	8.8	14.6	20.5	28.3
-10°	0.0	1.0	1.0	2.0	2.0	2.9	4.8	8.6	14.2	20.1	27.7
-12.5°	0.0	1.0	1.0	1.9	2.0	2.9	4.7	8.3	13.8	19.7	26.9
-15°	0.0	1.0	1.0	1.9	2.0	2.8	4.6	8.0	13.3	19.1	26.0
-17.5°	0.0	1.0	1.0	1.9	2.0	2.8	4.4	7.7	12.7	18.4	24.9
-20°	0.0	0.9	1.0	1.8	2.0	2.7	4.3	7.4	12.1	17.6	23.7



REPORT NUMBER: P722781 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2S\_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	7.0	11.4	16.7	22.4
-25°	0.0	0.9	1.0	1.7	2.0	2.5	3.9	6.6	10.6	15.7	21.1
-27.5°	0.0	0.9	1.0	1.7	2.0	2.4	3.7	6.1	9.8	14.7	19.8
-30°	0.0	0.9	1.0	1.6	2.0	2.3	3.4	5.5	9.1	13.6	18.5
-32.5°	0.0	0.8	1.0	1.5	2.0	2.2	3.1	5.2	8.4	12.5	17.1
-35°	0.0	0.8	1.0	1.5	2.0	2.1	2.9	4.8	7.7	11.4	15.6
-37.5°	0.0	0.8	1.0	1.4	2.0	2.0	2.7	4.3	6.9	10.3	14.2
-40°	0.0	0.8	1.0	1.3	2.0	2.0	2.6	3.9	6.1	9.3	12.8
-42.5°	0.0	0.7	1.0	1.2	1.9	2.0	2.4	3.3	5.4	8.2	11.3
-45°	0.0	0.7	1.0	1.1	1.8	2.0	2.2	2.9	4.8	7.1	9.8
-47.5°	0.0	0.7	1.0	1.0	1.7	2.0	2.0	2.7	4.0	6.0	8.5
-50°	0.0	0.6	1.0	1.0	1.6	2.0	2.0	2.5	3.2	5.1	7.2
-52.5°	0.0	0.6	1.0	1.0	1.4	2.0	2.0	2.2	2.8	4.2	5.9
-55°	0.0	0.6	1.0	1.0	1.3	1.9	2.0	2.0	2.5	3.2	4.8
-57.5°	0.0	0.5	1.0	1.0	1.1	1.7	2.0	2.0	2.2	2.7	3.7
-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





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**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	3.4	4.0	4.6
70°	2.0	2.0	2.2	2.5	2.8	3.2	4.0	4.8	5.5	6.3	7.2
67.5°	2.1	2.4	2.7	3.2	4.2	5.1	6.0	7.1	8.2	9.3	10.3
65°	2.5	2.9	3.7	4.8	5.9	7.2	8.5	9.8	11.3	12.8	14.2
62.5°	2.9	4.0	5.2	6.6	8.1	9.6	11.4	13.1	14.8	17.0	19.2
60°	4.0	5.4	6.9	8.7	10.4	12.5	14.5	17.0	19.6	22.1	24.6
57.5°	5.2	6.9	8.8	10.9	13.2	15.6	18.6	21.5	24.3	27.1	30.1
55°	6.6	8.7	10.9	13.4	16.2	19.5	22.8	26.0	29.1	32.8	36.5
52.5°	8.1	10.4	13.2	16.1	19.6	23.4	27.0	30.8	35.0	39.3	44.0
50°	9.6	12.5	15.5	19.1	23.1	27.3	31.7	36.3	41.3	46.6	51.6
47.5°	11.4	14.5	18.1	22.2	26.8	31.7	36.8	42.2	47.9	53.5	58.6
45°	13.1	16.7	20.6	25.6	30.8	36.3	42.1	48.0	54.4	60.2	65.5
42.5°	14.8	18.9	23.6	29.1	35.0	41.2	47.5	54.3	60.7	66.6	70.4
40°	16.7	21.1	26.6	32.8	39.2	46.0	53.1	60.2	66.6	70.8	73.4
37.5°	18.6	23.6	29.5	36.4	43.5	50.9	58.6	65.5	70.6	73.8	80.1
35°	20.3	25.9	32.7	40.1	47.6	55.8	63.4	69.7	73.1	79.9	94.4
32.5°	22.2	28.1	35.9	43.7	51.9	60.3	67.9	71.8	77.7	89.2	121.0
30°	24.0	30.7	38.9	47.1	56.0	64.2	70.3	74.3	83.0	113.2	141.9
27.5°	25.8	33.3	41.9	50.6	59.7	67.7	71.7	78.9	99.9	134.5	159.1
25°	27.5	35.7	44.6	53.8	62.7	69.5	73.8	83.6	120.3	149.2	167.8
22.5°	29.3	37.8	46.9	56.8	65.3	70.6	77.9	99.4	136.8	162.3	174.1
20°	31.1	39.7	49.2	59.3	67.6	71.6	81.8	115.9	148.2	167.6	180.3
17.5°	32.6	41.4	51.2	61.2	68.8	73.7	87.2	130.9	158.2	172.0	186.0
15°	33.8	42.9	53.0	62.9	69.8	76.8	98.9	139.6	164.0	175.9	191.0
12.5°	34.8	44.1	54.5	64.4	70.7	79.3	108.6	145.7	167.0	179.9	197.4
10°	35.6	45.1	55.7	65.6	71.5	81.4	116.2	150.9	169.9	184.3	203.7
7.5°	36.2	45.9	56.6	66.6	72.2	83.0	121.7	155.1	172.4	188.0	208.7
5°	36.6	46.5	57.4	67.4	72.7	84.0	125.2	158.2	174.5	191.0	212.3
2.5°	36.9	46.9	57.8	67.8	72.9	84.2	126.5	160.3	176.5	193.0	215.1
0°	37.0	47.0	58.0	68.0	73.0	84.0	126.0	161.0	178.0	194.0	217.0
-2.5°	36.9	46.9	57.8	67.8	72.9	84.2	126.5	160.3	176.5	193.0	215.1
-5°	36.6	46.5	57.4	67.4	72.7	84.0	125.2	158.2	174.5	191.0	212.3
-7.5°	36.2	45.9	56.6	66.6	72.2	83.0	121.7	155.1	172.4	188.0	208.7
-10°	35.6	45.1	55.7	65.6	71.5	81.4	116.2	150.9	169.9	184.3	203.7
-12.5°	34.8	44.1	54.5	64.4	70.7	79.3	108.6	145.7	167.0	179.9	197.4
-15°	33.8	42.9	53.0	62.9	69.8	76.8	98.9	139.6	164.0	175.9	191.0
-17.5°	32.6	41.4	51.2	61.2	68.8	73.7	87.2	130.9	158.2	172.0	186.0
-20°	31.1	39.7	49.2	59.3	67.6	71.6	81.8	115.9	148.2	167.6	180.3



REPORT NUMBER: P722781 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	29.3	37.8	46.9	56.8	65.3	70.6	77.9	99.4	136.8	162.3	174.1
-25°	27.5	35.7	44.6	53.8	62.7	69.5	73.8	83.6	120.3	149.2	167.8
-27.5°	25.8	33.3	41.9	50.6	59.7	67.7	71.7	78.9	99.9	134.5	159.1
-30°	24.0	30.7	38.9	47.1	56.0	64.2	70.3	74.3	83.0	113.2	141.9
-32.5°	22.2	28.1	35.9	43.7	51.9	60.3	67.9	71.8	77.7	89.2	121.0
-35°	20.3	25.9	32.7	40.1	47.6	55.8	63.4	69.7	73.1	79.9	94.4
-37.5°	18.6	23.6	29.5	36.4	43.5	50.9	58.6	65.5	70.6	73.8	80.1
-40°	16.7	21.1	26.6	32.8	39.2	46.0	53.1	60.2	66.6	70.8	73.4
-42.5°	14.8	18.9	23.6	29.1	35.0	41.2	47.5	54.3	60.7	66.6	70.4
-45°	13.1	16.7	20.6	25.6	30.8	36.3	42.1	48.0	54.4	60.2	65.5
-47.5°	11.4	14.5	18.1	22.2	26.8	31.7	36.8	42.2	47.9	53.5	58.6
-50°	9.6	12.5	15.5	19.1	23.1	27.3	31.7	36.3	41.3	46.6	51.6
-52.5°	8.1	10.4	13.2	16.1	19.6	23.4	27.0	30.8	35.0	39.3	44.0
-55°	6.6	8.7	10.9	13.4	16.2	19.5	22.8	26.0	29.1	32.8	36.5
-57.5°	5.2	6.9	8.8	10.9	13.2	15.6	18.6	21.5	24.3	27.1	30.1
-60°	4.0	5.4	6.9	8.7	10.4	12.5	14.5	17.0	19.6	22.1	24.6
-62.5°	2.9	4.0	5.2	6.6	8.1	9.6	11.4	13.1	14.8	17.0	19.2
-65°	2.5	2.9	3.7	4.8	5.9	7.2	8.5	9.8	11.3	12.8	14.2
-67.5°	2.1	2.4	2.7	3.2	4.2	5.1	6.0	7.1	8.2	9.3	10.3
-70°	2.0	2.0	2.2	2.5	2.8	3.2	4.0	4.8	5.5	6.3	7.2
-72.5°	2.0	2.0	2.0	2.0	2.2	2.5	2.7	2.9	3.4	4.0	4.6
-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: P722781 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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	3.5	3.9	4.3	4.6	4.9	5.1	5.4	5.6	5.7
72.5°	5.1	5.6	6.2	6.8	7.3	7.8	8.3	8.7	9.0	9.3	9.6
70°	8.0	8.8	9.6	10.3	11.1	11.8	12.5	13.1	13.6	14.0	14.4
67.5°	11.5	12.7	13.7	14.7	15.8	17.0	18.0	18.9	19.7	20.3	20.6
65°	15.7	17.5	19.1	20.6	22.1	23.4	24.5	25.6	26.5	27.2	27.8
62.5°	21.2	23.3	25.3	27.1	28.5	29.9	31.6	33.1	34.4	35.5	36.4
60°	27.1	29.7	32.0	34.1	36.1	38.0	40.1	41.9	43.5	44.8	45.7
57.5°	33.3	36.2	38.9	41.9	44.6	47.0	49.4	51.6	53.6	55.2	56.2
55°	40.2	43.9	47.2	50.6	53.8	56.8	59.5	61.5	63.3	64.6	65.7
52.5°	48.3	52.2	56.0	59.7	62.9	65.9	68.5	69.7	70.4	71.0	71.7
50°	56.0	60.3	64.3	68.0	70.3	71.9	73.3	74.8	76.9	79.0	80.7
47.5°	63.4	67.9	70.5	72.6	75.0	78.0	80.3	84.7	97.9	109.4	118.3
45°	69.6	71.8	74.6	79.2	83.1	98.7	115.1	130.4	139.9	147.4	153.0
42.5°	72.5	77.0	82.2	100.3	121.7	137.7	148.0	157.3	164.0	167.7	170.5
40°	78.8	88.0	114.3	136.6	150.2	162.1	167.5	172.6	177.3	181.1	183.9
37.5°	94.0	122.7	144.0	159.8	167.7	173.9	180.4	187.0	192.8	198.4	203.4
35°	124.6	147.3	164.8	171.0	178.1	185.9	194.6	204.4	212.3	219.8	225.5
32.5°	146.3	165.2	172.7	180.0	188.4	202.1	214.2	224.8	234.6	242.0	247.1
30°	164.1	173.3	181.8	190.5	207.2	221.3	233.8	245.2	254.8	263.8	274.0
27.5°	171.8	182.3	192.3	208.7	224.4	237.9	251.6	265.6	281.0	294.9	312.1
25°	179.3	191.1	206.5	223.6	239.4	253.5	272.5	292.3	316.6	354.2	407.7
22.5°	186.9	202.0	219.4	238.2	255.6	274.9	299.2	338.2	403.7	507.2	634.7
20°	194.8	212.3	233.0	253.1	274.0	298.6	346.0	448.7	595.7	790.2	1047.5
17.5°	203.5	223.9	245.2	266.2	290.6	340.2	445.0	640.0	903.4	1282.5	1669.0
15°	211.7	233.7	255.2	279.7	317.3	401.7	593.8	904.4	1373.8	1939.5	2547.3
12.5°	219.3	241.3	264.3	291.9	350.6	505.9	802.2	1289.8	1946.7	2828.4	3716.3
10°	225.5	247.6	273.8	310.9	401.4	628.3	1053.9	1685.6	2608.8	3772.4	4867.2
7.5°	231.6	254.6	281.8	329.6	456.2	762.1	1313.9	2132.7	3364.9	4631.1	5872.5
5°	236.8	260.0	287.6	345.6	511.4	870.5	1525.1	2515.9	3912.8	5303.1	6684.0
2.5°	240.8	263.4	291.1	358.2	544.5	950.1	1668.5	2780.9	4272.7	5727.2	7225.6
0°	243.0	265.0	293.0	364.0	577.0	996.9	1727.9	2874.8	4393.8	5907.7	7411.6
-2.5°	240.8	263.4	291.1	358.2	544.5	950.1	1668.5	2780.9	4272.7	5727.2	7225.6
-5°	236.8	260.0	287.6	345.6	511.4	870.5	1525.1	2515.9	3912.8	5303.1	6684.0
-7.5°	231.6	254.6	281.8	329.6	456.2	762.1	1313.9	2132.7	3364.9	4631.1	5872.5
-10°	225.5	247.6	273.8	310.9	401.4	628.3	1053.9	1685.6	2608.8	3772.4	4867.2
-12.5°	219.3	241.3	264.3	291.9	350.6	505.9	802.2	1289.8	1946.7	2828.4	3716.3
-15°	211.7	233.7	255.2	279.7	317.3	401.7	593.8	904.4	1373.8	1939.5	2547.3
-17.5°	203.5	223.9	245.2	266.2	290.6	340.2	445.0	640.0	903.4	1282.5	1669.0
-20°	194.8	212.3	233.0	253.1	274.0	298.6	346.0	448.7	595.7	790.2	1047.5



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	186.9	202.0	219.4	238.2	255.6	274.9	299.2	338.2	403.7	507.2	634.7
-25°	179.3	191.1	206.5	223.6	239.4	253.5	272.5	292.3	316.6	354.2	407.7
-27.5°	171.8	182.3	192.3	208.7	224.4	237.9	251.6	265.6	281.0	294.9	312.1
-30°	164.1	173.3	181.8	190.5	207.2	221.3	233.8	245.2	254.8	263.8	274.0
-32.5°	146.3	165.2	172.7	180.0	188.4	202.1	214.2	224.8	234.6	242.0	247.1
-35°	124.6	147.3	164.8	171.0	178.1	185.9	194.6	204.4	212.3	219.8	225.5
-37.5°	94.0	122.7	144.0	159.8	167.7	173.9	180.4	187.0	192.8	198.4	203.4
-40°	78.8	88.0	114.3	136.6	150.2	162.1	167.5	172.6	177.3	181.1	183.9
-42.5°	72.5	77.0	82.2	100.3	121.7	137.7	148.0	157.3	164.0	167.7	170.5
-45°	69.6	71.8	74.6	79.2	83.1	98.7	115.1	130.4	139.9	147.4	153.0
-47.5°	63.4	67.9	70.5	72.6	75.0	78.0	80.3	84.7	97.9	109.4	118.3
-50°	56.0	60.3	64.3	68.0	70.3	71.9	73.3	74.8	76.9	79.0	80.7
-52.5°	48.3	52.2	56.0	59.7	62.9	65.9	68.5	69.7	70.4	71.0	71.7
-55°	40.2	43.9	47.2	50.6	53.8	56.8	59.5	61.5	63.3	64.6	65.7
-57.5°	33.3	36.2	38.9	41.9	44.6	47.0	49.4	51.6	53.6	55.2	56.2
-60°	27.1	29.7	32.0	34.1	36.1	38.0	40.1	41.9	43.5	44.8	45.7
-62.5°	21.2	23.3	25.3	27.1	28.5	29.9	31.6	33.1	34.4	35.5	36.4
-65°	15.7	17.5	19.1	20.6	22.1	23.4	24.5	25.6	26.5	27.2	27.8
-67.5°	11.5	12.7	13.7	14.7	15.8	17.0	18.0	18.9	19.7	20.3	20.6
-70°	8.0	8.8	9.6	10.3	11.1	11.8	12.5	13.1	13.6	14.0	14.4
-72.5°	5.1	5.6	6.2	6.8	7.3	7.8	8.3	8.7	9.0	9.3	9.6
-75°	2.9	3.1	3.5	3.9	4.3	4.6	4.9	5.1	5.4	5.6	5.7
-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: P722781 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2S\_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°	5.8	5.9	6.0	6.0	6.0	5.9	5.8	5.7	5.6	5.4	5.1
72.5°	9.8	9.9	10.0	10.0	10.0	9.9	9.8	9.6	9.3	9.0	8.7
70°	14.6	14.8	15.0	15.0	15.0	14.8	14.6	14.4	14.0	13.6	13.1
67.5°	20.8	20.8	20.9	21.0	20.9	20.8	20.8	20.6	20.3	19.7	18.9
65°	28.3	28.7	28.9	29.0	28.9	28.7	28.3	27.8	27.2	26.5	25.6
62.5°	37.1	37.6	37.9	38.0	37.9	37.6	37.1	36.4	35.5	34.4	33.1
60°	46.3	46.6	46.9	47.0	46.9	46.6	46.3	45.7	44.8	43.5	41.9
57.5°	57.0	57.5	57.8	58.0	57.8	57.5	57.0	56.2	55.2	53.6	51.6
55°	66.7	67.4	68.2	69.0	68.2	67.4	66.7	65.7	64.6	63.3	61.5
52.5°	72.2	72.7	72.9	73.0	72.9	72.7	72.2	71.7	71.0	70.4	69.7
50°	81.8	82.4	82.5	82.0	82.5	82.4	81.8	80.7	79.0	76.9	74.8
47.5°	123.8	127.1	128.7	129.0	128.7	127.1	123.8	118.3	109.4	97.9	84.7
45°	156.0	158.0	159.3	160.0	159.3	158.0	156.0	153.0	147.4	139.9	130.4
42.5°	172.5	174.3	175.4	175.0	175.4	174.3	172.5	170.5	167.7	164.0	157.3
40°	187.1	189.8	192.0	194.0	192.0	189.8	187.1	183.9	181.1	177.3	172.6
37.5°	208.3	212.0	214.5	216.0	214.5	212.0	208.3	203.4	198.4	192.8	187.0
35°	230.2	234.5	237.5	240.0	237.5	234.5	230.2	225.5	219.8	212.3	204.4
32.5°	251.7	257.1	261.3	263.0	261.3	257.1	251.7	247.1	242.0	234.6	224.8
30°	282.6	289.7	293.8	297.0	293.8	289.7	282.6	274.0	263.8	254.8	245.2
27.5°	332.2	348.0	363.6	369.5	363.6	348.0	332.2	312.1	294.9	281.0	265.6
25°	462.8	526.0	566.8	580.0	566.8	526.0	462.8	407.7	354.2	316.6	292.3
22.5°	760.4	871.9	966.5	1024.9	966.5	871.9	760.4	634.7	507.2	403.7	338.2
20°	1299.9	1528.2	1666.8	1698.9	1666.8	1528.2	1299.9	1047.5	790.2	595.7	448.7
17.5°	2089.6	2421.7	2689.7	2800.9	2689.7	2421.7	2089.6	1669.0	1282.5	903.4	640.0
15°	3237.4	3812.7	4181.6	4322.8	4181.6	3812.7	3237.4	2547.3	1939.5	1373.8	904.4
12.5°	4567.2	5190.0	5580.3	5710.7	5580.3	5190.0	4567.2	3716.3	2828.4	1946.7	1289.8
10°	5834.9	6605.1	7134.5	7321.6	7134.5	6605.1	5834.9	4867.2	3772.4	2608.8	1685.6
7.5°	7057.3	8147.0	8945.7	9266.0	8945.7	8147.0	7057.3	5872.5	4631.1	3364.9	2132.7
5°	8131.9	9627.2	10623.5	10961.4	10623.5	9627.2	8131.9	6684.0	5303.1	3912.8	2515.9
2.5°	8985.8	10647.4	11768.8	12300.3	11768.8	10647.4	8985.8	7225.6	5727.2	4272.7	2780.9
0°	9262.5	10984.4	12262.8	12729.3	12262.8	10984.4	9262.5	7411.6	5907.7	4393.8	2874.8
-2.5°	8985.8	10647.4	11768.8	12300.3	11768.8	10647.4	8985.8	7225.6	5727.2	4272.7	2780.9
-5°	8131.9	9627.2	10623.5	10961.4	10623.5	9627.2	8131.9	6684.0	5303.1	3912.8	2515.9
-7.5°	7057.3	8147.0	8945.7	9266.0	8945.7	8147.0	7057.3	5872.5	4631.1	3364.9	2132.7
-10°	5834.9	6605.1	7134.5	7321.6	7134.5	6605.1	5834.9	4867.2	3772.4	2608.8	1685.6
-12.5°	4567.2	5190.0	5580.3	5710.7	5580.3	5190.0	4567.2	3716.3	2828.4	1946.7	1289.8
-15°	3237.4	3812.7	4181.6	4322.8	4181.6	3812.7	3237.4	2547.3	1939.5	1373.8	904.4
-17.5°	2089.6	2421.7	2689.7	2800.8	2689.7	2421.7	2089.6	1669.0	1282.5	903.4	640.0
-20°	1299.9	1528.2	1666.8	1698.9	1666.8	1528.2	1299.9	1047.5	790.2	595.7	448.7



REPORT NUMBER: P722781 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2S\_BLUE-ONLY

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	760.4	871.9	966.5	1024.9	966.5	871.9	760.4	634.7	507.2	403.7	338.2
-25°	462.8	526.0	566.8	580.0	566.8	526.0	462.8	407.7	354.2	316.6	292.3
-27.5°	332.2	348.0	363.6	369.5	363.6	348.0	332.2	312.1	294.9	281.0	265.6
-30°	282.6	289.7	293.8	297.0	293.8	289.7	282.6	274.0	263.8	254.8	245.2
-32.5°	251.7	257.1	261.3	263.0	261.3	257.1	251.7	247.1	242.0	234.6	224.8
-35°	230.2	234.5	237.5	240.0	237.5	234.5	230.2	225.5	219.8	212.3	204.4
-37.5°	208.3	212.0	214.5	216.0	214.5	212.0	208.3	203.4	198.4	192.8	187.0
-40°	187.1	189.8	192.0	194.0	192.0	189.8	187.1	183.9	181.1	177.3	172.6
-42.5°	172.5	174.3	175.4	175.0	175.4	174.3	172.5	170.5	167.7	164.0	157.3
-45°	156.0	158.0	159.3	160.0	159.3	158.0	156.0	153.0	147.4	139.9	130.4
-47.5°	123.8	127.1	128.7	129.0	128.7	127.1	123.8	118.3	109.4	97.9	84.7
-50°	81.8	82.4	82.5	82.0	82.5	82.4	81.8	80.7	79.0	76.9	74.8
-52.5°	72.2	72.7	72.9	73.0	72.9	72.7	72.2	71.7	71.0	70.4	69.7
-55°	66.7	67.4	68.2	69.0	68.2	67.4	66.7	65.7	64.6	63.3	61.5
-57.5°	57.0	57.5	57.8	58.0	57.8	57.5	57.0	56.2	55.2	53.6	51.6
-60°	46.3	46.6	46.9	47.0	46.9	46.6	46.3	45.7	44.8	43.5	41.9
-62.5°	37.1	37.6	37.9	38.0	37.9	37.6	37.1	36.4	35.5	34.4	33.1
-65°	28.3	28.7	28.9	29.0	28.9	28.7	28.3	27.8	27.2	26.5	25.6
-67.5°	20.8	20.8	20.9	21.0	20.9	20.8	20.8	20.6	20.3	19.7	18.9
-70°	14.6	14.8	15.0	15.0	15.0	14.8	14.6	14.4	14.0	13.6	13.1
-72.5°	9.8	9.9	10.0	10.0	10.0	9.9	9.8	9.6	9.3	9.0	8.7
-75°	5.8	5.9	6.0	6.0	6.0	5.9	5.8	5.7	5.6	5.4	5.1
-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: P722781 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2S\_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°	4.9	4.6	4.3	3.9	3.5	3.1	2.9	2.7	2.6	2.4	2.2
72.5°	8.3	7.8	7.3	6.8	6.2	5.6	5.1	4.6	4.0	3.4	2.9
70°	12.5	11.8	11.1	10.3	9.6	8.8	8.0	7.2	6.3	5.5	4.8
67.5°	18.0	17.0	15.8	14.7	13.7	12.7	11.5	10.3	9.3	8.2	7.1
65°	24.5	23.4	22.1	20.6	19.1	17.5	15.7	14.2	12.8	11.3	9.8
62.5°	31.6	29.9	28.5	27.1	25.3	23.3	21.2	19.2	17.0	14.8	13.1
60°	40.1	38.0	36.1	34.1	32.0	29.7	27.1	24.6	22.1	19.6	17.0
57.5°	49.4	47.0	44.6	41.9	38.9	36.2	33.3	30.1	27.1	24.3	21.5
55°	59.5	56.8	53.8	50.6	47.2	43.9	40.2	36.5	32.8	29.1	26.0
52.5°	68.5	65.9	62.9	59.7	56.0	52.2	48.3	44.0	39.3	35.0	30.8
50°	73.3	71.9	70.3	68.0	64.3	60.3	56.0	51.6	46.6	41.3	36.3
47.5°	80.3	78.0	75.0	72.6	70.5	67.9	63.4	58.6	53.5	47.9	42.2
45°	115.1	98.7	83.1	79.2	74.6	71.8	69.6	65.5	60.2	54.4	48.0
42.5°	148.0	137.7	121.7	100.3	82.2	77.0	72.5	70.4	66.6	60.7	54.3
40°	167.5	162.1	150.2	136.6	114.3	88.0	78.8	73.4	70.8	66.6	60.2
37.5°	180.4	173.9	167.7	159.8	144.0	122.7	94.0	80.1	73.8	70.6	65.5
35°	194.6	185.9	178.1	171.0	164.8	147.3	124.6	94.4	79.9	73.1	69.7
32.5°	214.2	202.1	188.4	180.0	172.7	165.2	146.3	121.0	89.2	77.7	71.8
30°	233.8	221.3	207.2	190.5	181.8	173.3	164.1	141.9	113.2	83.0	74.3
27.5°	251.6	237.9	224.4	208.7	192.3	182.3	171.8	159.1	134.5	99.9	78.9
25°	272.5	253.5	239.4	223.6	206.5	191.1	179.3	167.8	149.2	120.3	83.6
22.5°	299.2	274.9	255.6	238.2	219.4	202.0	186.9	174.1	162.3	136.8	99.4
20°	346.0	298.6	274.0	253.1	233.0	212.3	194.8	180.3	167.6	148.2	115.9
17.5°	445.0	340.2	290.6	266.2	245.2	223.9	203.5	186.0	172.0	158.2	130.9
15°	593.8	401.7	317.3	279.7	255.2	233.7	211.7	191.0	175.9	164.0	139.6
12.5°	802.2	505.9	350.6	291.9	264.3	241.3	219.3	197.4	179.9	167.0	145.7
10°	1053.9	628.3	401.4	310.9	273.8	247.6	225.5	203.7	184.3	169.9	150.9
7.5°	1313.9	762.1	456.2	329.6	281.8	254.6	231.6	208.7	188.0	172.4	155.1
5°	1525.1	870.5	511.4	345.6	287.6	260.0	236.8	212.3	191.0	174.5	158.2
2.5°	1668.5	950.1	544.5	358.2	291.1	263.4	240.8	215.1	193.0	176.5	160.3
0°	1727.9	996.9	577.0	364.0	293.0	265.0	243.0	217.0	194.0	178.0	161.0
-2.5°	1668.5	950.1	544.5	358.2	291.1	263.4	240.8	215.1	193.0	176.5	160.3
-5°	1525.1	870.5	511.4	345.6	287.6	260.0	236.8	212.3	191.0	174.5	158.2
-7.5°	1313.9	762.1	456.2	329.6	281.8	254.6	231.6	208.7	188.0	172.4	155.1
-10°	1053.9	628.3	401.4	310.9	273.8	247.6	225.5	203.7	184.3	169.9	150.9
-12.5°	802.2	505.9	350.6	291.9	264.3	241.3	219.3	197.4	179.9	167.0	145.7
-15°	593.8	401.7	317.3	279.7	255.2	233.7	211.7	191.0	175.9	164.0	139.6
-17.5°	445.0	340.2	290.6	266.2	245.2	223.9	203.5	186.0	172.0	158.2	130.9
-20°	346.0	298.6	274.0	253.1	233.0	212.3	194.8	180.3	167.6	148.2	115.9



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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°	299.2	274.9	255.6	238.2	219.4	202.0	186.9	174.1	162.3	136.8	99.4
-25°	272.5	253.5	239.4	223.6	206.5	191.1	179.3	167.8	149.2	120.3	83.6
-27.5°	251.6	237.9	224.4	208.7	192.3	182.3	171.8	159.1	134.5	99.9	78.9
-30°	233.8	221.3	207.2	190.5	181.8	173.3	164.1	141.9	113.2	83.0	74.3
-32.5°	214.2	202.1	188.4	180.0	172.7	165.2	146.3	121.0	89.2	77.7	71.8
-35°	194.6	185.9	178.1	171.0	164.8	147.3	124.6	94.4	79.9	73.1	69.7
-37.5°	180.4	173.9	167.7	159.8	144.0	122.7	94.0	80.1	73.8	70.6	65.5
-40°	167.5	162.1	150.2	136.6	114.3	88.0	78.8	73.4	70.8	66.6	60.2
-42.5°	148.0	137.7	121.7	100.3	82.2	77.0	72.5	70.4	66.6	60.7	54.3
-45°	115.1	98.7	83.1	79.2	74.6	71.8	69.6	65.5	60.2	54.4	48.0
-47.5°	80.3	78.0	75.0	72.6	70.5	67.9	63.4	58.6	53.5	47.9	42.2
-50°	73.3	71.9	70.3	68.0	64.3	60.3	56.0	51.6	46.6	41.3	36.3
-52.5°	68.5	65.9	62.9	59.7	56.0	52.2	48.3	44.0	39.3	35.0	30.8
-55°	59.5	56.8	53.8	50.6	47.2	43.9	40.2	36.5	32.8	29.1	26.0
-57.5°	49.4	47.0	44.6	41.9	38.9	36.2	33.3	30.1	27.1	24.3	21.5
-60°	40.1	38.0	36.1	34.1	32.0	29.7	27.1	24.6	22.1	19.6	17.0
-62.5°	31.6	29.9	28.5	27.1	25.3	23.3	21.2	19.2	17.0	14.8	13.1
-65°	24.5	23.4	22.1	20.6	19.1	17.5	15.7	14.2	12.8	11.3	9.8
-67.5°	18.0	17.0	15.8	14.7	13.7	12.7	11.5	10.3	9.3	8.2	7.1
-70°	12.5	11.8	11.1	10.3	9.6	8.8	8.0	7.2	6.3	5.5	4.8
-72.5°	8.3	7.8	7.3	6.8	6.2	5.6	5.1	4.6	4.0	3.4	2.9
-75°	4.9	4.6	4.3	3.9	3.5	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





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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°	1.0	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°	4.0	3.2	2.8	2.5	2.2	2.0	2.0	2.0	2.0	1.7	1.4
67.5°	6.0	5.1	4.2	3.2	2.7	2.4	2.1	2.0	2.0	2.0	1.6
65°	8.5	7.2	5.9	4.8	3.7	2.9	2.5	2.1	2.0	2.0	1.9
62.5°	11.4	9.6	8.1	6.6	5.2	4.0	2.9	2.5	2.1	2.0	2.0
60°	14.5	12.5	10.4	8.7	6.9	5.4	4.0	2.9	2.4	2.0	2.0
57.5°	18.6	15.6	13.2	10.9	8.8	6.9	5.2	3.7	2.7	2.2	2.0
55°	22.8	19.5	16.2	13.4	10.9	8.7	6.6	4.8	3.2	2.5	2.0
52.5°	27.0	23.4	19.6	16.1	13.2	10.4	8.1	5.9	4.2	2.8	2.2
50°	31.7	27.3	23.1	19.1	15.5	12.5	9.6	7.2	5.1	3.2	2.5
47.5°	36.8	31.7	26.8	22.2	18.1	14.5	11.4	8.5	6.0	4.0	2.7
45°	42.1	36.3	30.8	25.6	20.6	16.7	13.1	9.8	7.1	4.8	2.9
42.5°	47.5	41.2	35.0	29.1	23.6	18.9	14.8	11.3	8.2	5.4	3.3
40°	53.1	46.0	39.2	32.8	26.6	21.1	16.7	12.8	9.3	6.1	3.9
37.5°	58.6	50.9	43.5	36.4	29.5	23.6	18.6	14.2	10.3	6.9	4.3
35°	63.4	55.8	47.6	40.1	32.7	25.9	20.3	15.6	11.4	7.7	4.8
32.5°	67.9	60.3	51.9	43.7	35.9	28.1	22.2	17.1	12.5	8.4	5.2
30°	70.3	64.2	56.0	47.1	38.9	30.7	24.0	18.5	13.6	9.1	5.5
27.5°	71.7	67.7	59.7	50.6	41.9	33.3	25.8	19.8	14.7	9.8	6.1
25°	73.8	69.5	62.7	53.8	44.6	35.7	27.5	21.1	15.7	10.6	6.6
22.5°	77.9	70.6	65.3	56.8	46.9	37.8	29.3	22.4	16.7	11.4	7.0
20°	81.8	71.6	67.6	59.3	49.2	39.7	31.1	23.7	17.6	12.1	7.4
17.5°	87.2	73.7	68.8	61.2	51.2	41.4	32.6	24.9	18.4	12.7	7.7
15°	98.9	76.8	69.8	62.9	53.0	42.9	33.8	26.0	19.1	13.3	8.0
12.5°	108.6	79.3	70.7	64.4	54.5	44.1	34.8	26.9	19.7	13.8	8.3
10°	116.2	81.4	71.5	65.6	55.7	45.1	35.6	27.7	20.1	14.2	8.6
7.5°	121.7	83.0	72.2	66.6	56.6	45.9	36.2	28.3	20.5	14.6	8.8
5°	125.2	84.0	72.7	67.4	57.4	46.5	36.6	28.7	20.8	14.8	8.9
2.5°	126.5	84.2	72.9	67.8	57.8	46.9	36.9	28.9	20.9	15.0	9.0
0°	126.0	84.0	73.0	68.0	58.0	47.0	37.0	29.0	21.0	15.0	9.0
-2.5°	126.5	84.2	72.9	67.8	57.8	46.9	36.9	28.9	20.9	15.0	9.0
-5°	125.2	84.0	72.7	67.4	57.4	46.5	36.6	28.7	20.8	14.8	8.9
-7.5°	121.7	83.0	72.2	66.6	56.6	45.9	36.2	28.3	20.5	14.6	8.8
-10°	116.2	81.4	71.5	65.6	55.7	45.1	35.6	27.7	20.1	14.2	8.6
-12.5°	108.6	79.3	70.7	64.4	54.5	44.1	34.8	26.9	19.7	13.8	8.3
-15°	98.9	76.8	69.8	62.9	53.0	42.9	33.8	26.0	19.1	13.3	8.0
-17.5°	87.2	73.7	68.8	61.2	51.2	41.4	32.6	24.9	18.4	12.7	7.7
-20°	81.8	71.6	67.6	59.3	49.2	39.7	31.1	23.7	17.6	12.1	7.4



REPORT NUMBER: P722781 (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°	77.9	70.6	65.3	56.8	46.9	37.8	29.3	22.4	16.7	11.4	7.0
-25°	73.8	69.5	62.7	53.8	44.6	35.7	27.5	21.1	15.7	10.6	6.6
-27.5°	71.7	67.7	59.7	50.6	41.9	33.3	25.8	19.8	14.7	9.8	6.1
-30°	70.3	64.2	56.0	47.1	38.9	30.7	24.0	18.5	13.6	9.1	5.5
-32.5°	67.9	60.3	51.9	43.7	35.9	28.1	22.2	17.1	12.5	8.4	5.2
-35°	63.4	55.8	47.6	40.1	32.7	25.9	20.3	15.6	11.4	7.7	4.8
-37.5°	58.6	50.9	43.5	36.4	29.5	23.6	18.6	14.2	10.3	6.9	4.3
-40°	53.1	46.0	39.2	32.8	26.6	21.1	16.7	12.8	9.3	6.1	3.9
-42.5°	47.5	41.2	35.0	29.1	23.6	18.9	14.8	11.3	8.2	5.4	3.3
-45°	42.1	36.3	30.8	25.6	20.6	16.7	13.1	9.8	7.1	4.8	2.9
-47.5°	36.8	31.7	26.8	22.2	18.1	14.5	11.4	8.5	6.0	4.0	2.7
-50°	31.7	27.3	23.1	19.1	15.5	12.5	9.6	7.2	5.1	3.2	2.5
-52.5°	27.0	23.4	19.6	16.1	13.2	10.4	8.1	5.9	4.2	2.8	2.2
-55°	22.8	19.5	16.2	13.4	10.9	8.7	6.6	4.8	3.2	2.5	2.0
-57.5°	18.6	15.6	13.2	10.9	8.8	6.9	5.2	3.7	2.7	2.2	2.0
-60°	14.5	12.5	10.4	8.7	6.9	5.4	4.0	2.9	2.4	2.0	2.0
-62.5°	11.4	9.6	8.1	6.6	5.2	4.0	2.9	2.5	2.1	2.0	2.0
-65°	8.5	7.2	5.9	4.8	3.7	2.9	2.5	2.1	2.0	2.0	1.9
-67.5°	6.0	5.1	4.2	3.2	2.7	2.4	2.1	2.0	2.0	2.0	1.6
-70°	4.0	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



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	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°	3.7	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: P722781 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	3.7	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)