

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: P722791 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 11/1/2023

Test Information

Test Method: LM-79-08
Report Number: P722791 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2308-140-17)
Test Lab: INNOVATION CENTER
Issue Date: 11/1/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: EPH-LS-16-720PL-RGB-5S_RED-ONLY
Description: LUMASPORT 16 PRISM RGB
Light Source: -
Ballast/Driver: -

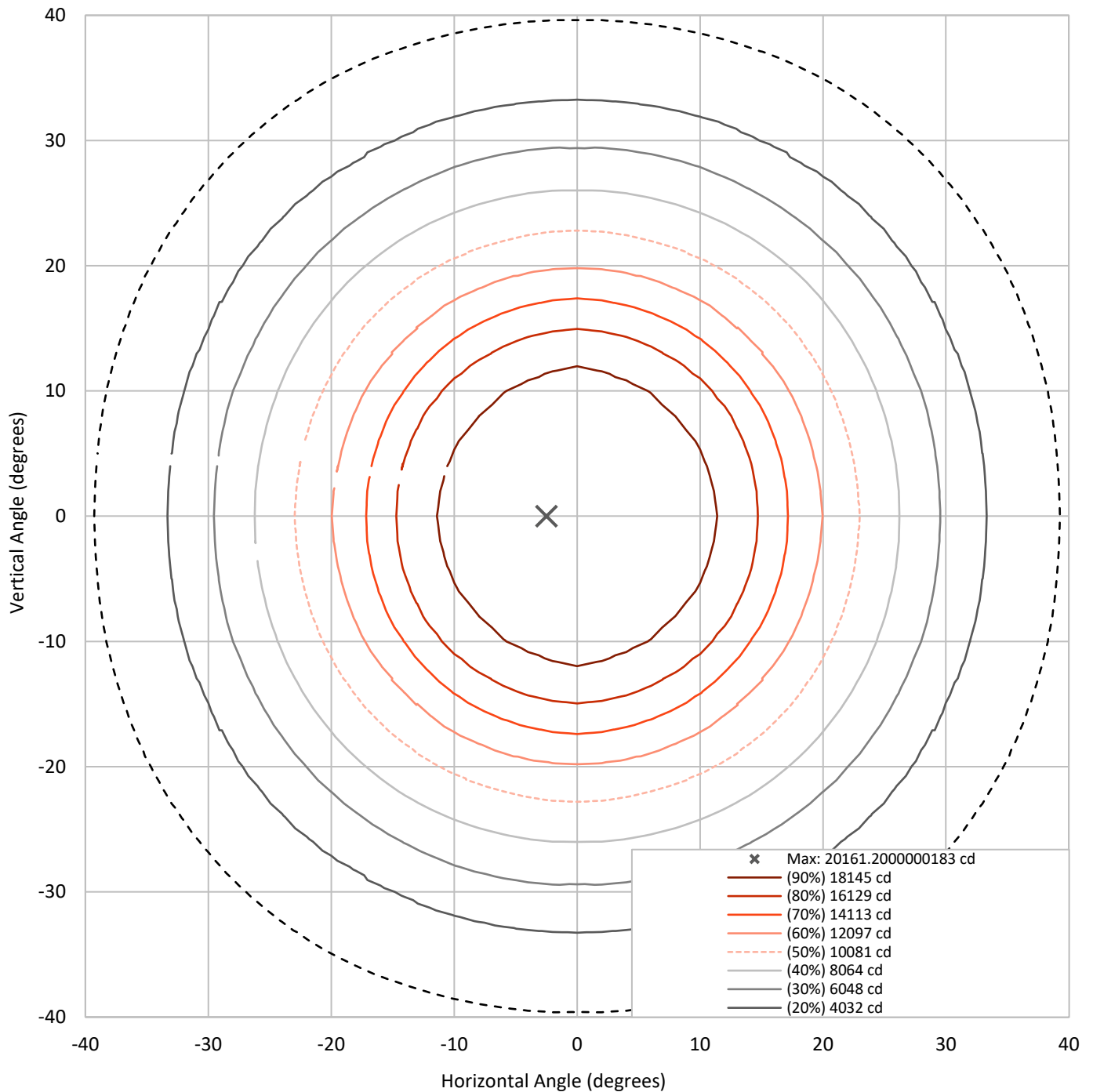
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	13351.5 lumens	Max Intensity:	20161.2 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	35.8 lumens/watt		
Luminous Opening:	Circular (Dia: 1.67' x H: 0')		
Beam Angle (50%):	45.9°H x 45.4°V	Field Angle (10%):	78.6°H x 79.2°V
Beam Lumens:	7384.3 lumens	Field Lumens:	12300.8 lumens
Beam Efficiency:	55.3%	Field Efficiency:	92.1%
Input Watts (W):	373.3		
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: P722791 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Iso-Candela Plot





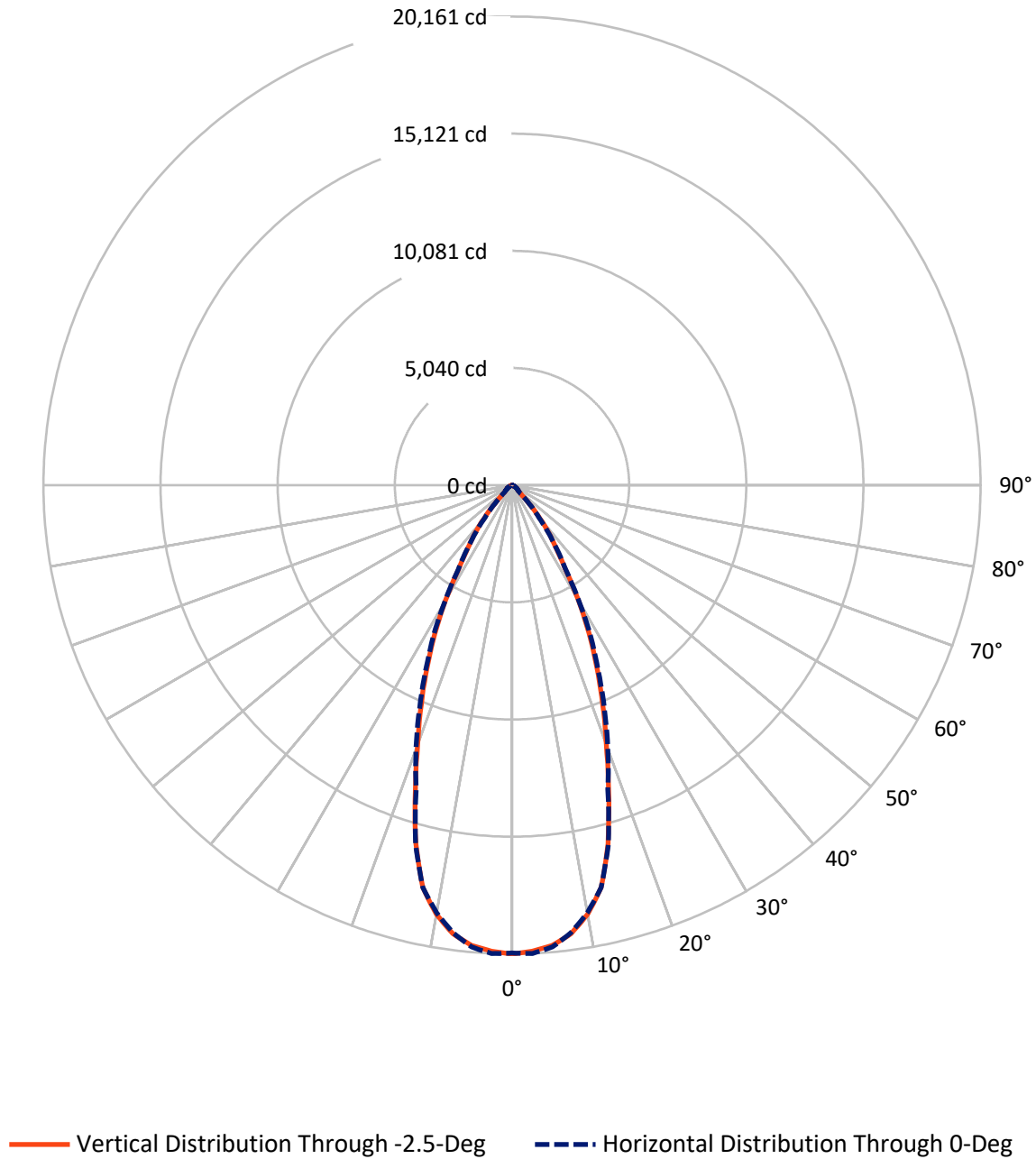
REPORT NUMBER: P722791 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_RED-ONLY

Lumen Table

90	0.0		0.2		0.5		1.1		1.3		1.1		0.5		0.2		0.0	
80	0.1		0.1	0.3	0.7	1.4	2.2	2.8	3.2	3.2	2.8	2.2	1.4	0.7	0.3	0.1	0.1	
70	0.2		0.2	0.8	2.1	3.9	5.7	7.1	8.0	8.0	7.1	5.7	3.9	2.1	0.8	0.2	0.2	
60	0.3		1.1	3.6	7.9	34.1	98.0	186.4	253.6	253.6	186.4	98.0	34.1	7.9	3.6	1.1	0.3	
50	0.4		1.3	4.3	12.6	63.9	176.4	329.7	456.2	456.2	329.7	176.4	63.9	12.6	4.3	1.3	0.4	
40	0.4		1.5	4.6	17.2	84.2	234.0	441.3	582.5	582.5	441.3	234.0	84.2	17.2	4.6	1.5	0.4	
30	0.3		1.5	4.6	17.2	84.2	234.0	441.3	582.5	582.5	441.3	234.0	84.2	17.2	4.6	1.5	0.3	
20	0.3		1.3	4.3	12.6	63.9	176.4	329.7	456.2	456.2	329.7	176.4	63.9	12.6	4.3	1.3	0.3	
10	0.2		0.8	2.7	5.8	12.0	37.9	75.7	102.1	102.1	75.7	37.9	12.0	5.8	2.7	0.8	0.2	
0	0.2		0.5	1.7	4.1	6.7	10.1	17.2	24.3	24.3	17.2	10.1	6.7	4.1	1.7	0.5	0.2	
-10	0.1		0.2	0.8	2.1	3.9	5.7	7.1	8.0	8.0	7.1	5.7	3.9	2.1	0.8	0.2	0.1	
-20	0.1		0.1	0.3	0.7	1.4	2.2	2.8	3.2	3.2	2.8	2.2	1.4	0.7	0.3	0.1	0.1	
-30	0.0		0.2		0.5		1.1		1.3		1.1		0.5		0.2		0.0	
-40	0.0		0.2		0.5		1.1		1.3		1.1		0.5		0.2		0.0	
-50	0.0		0.2		0.5		1.1		1.3		1.1		0.5		0.2		0.0	
-60	0.0		0.2		0.5		1.1		1.3		1.1		0.5		0.2		0.0	
-70	0.0		0.2		0.5		1.1		1.3		1.1		0.5		0.2		0.0	
-80	0.0		0.2		0.5		1.1		1.3		1.1		0.5		0.2		0.0	
-90	0.0		0.2		0.5		1.1		1.3		1.1		0.5		0.2		0.0	

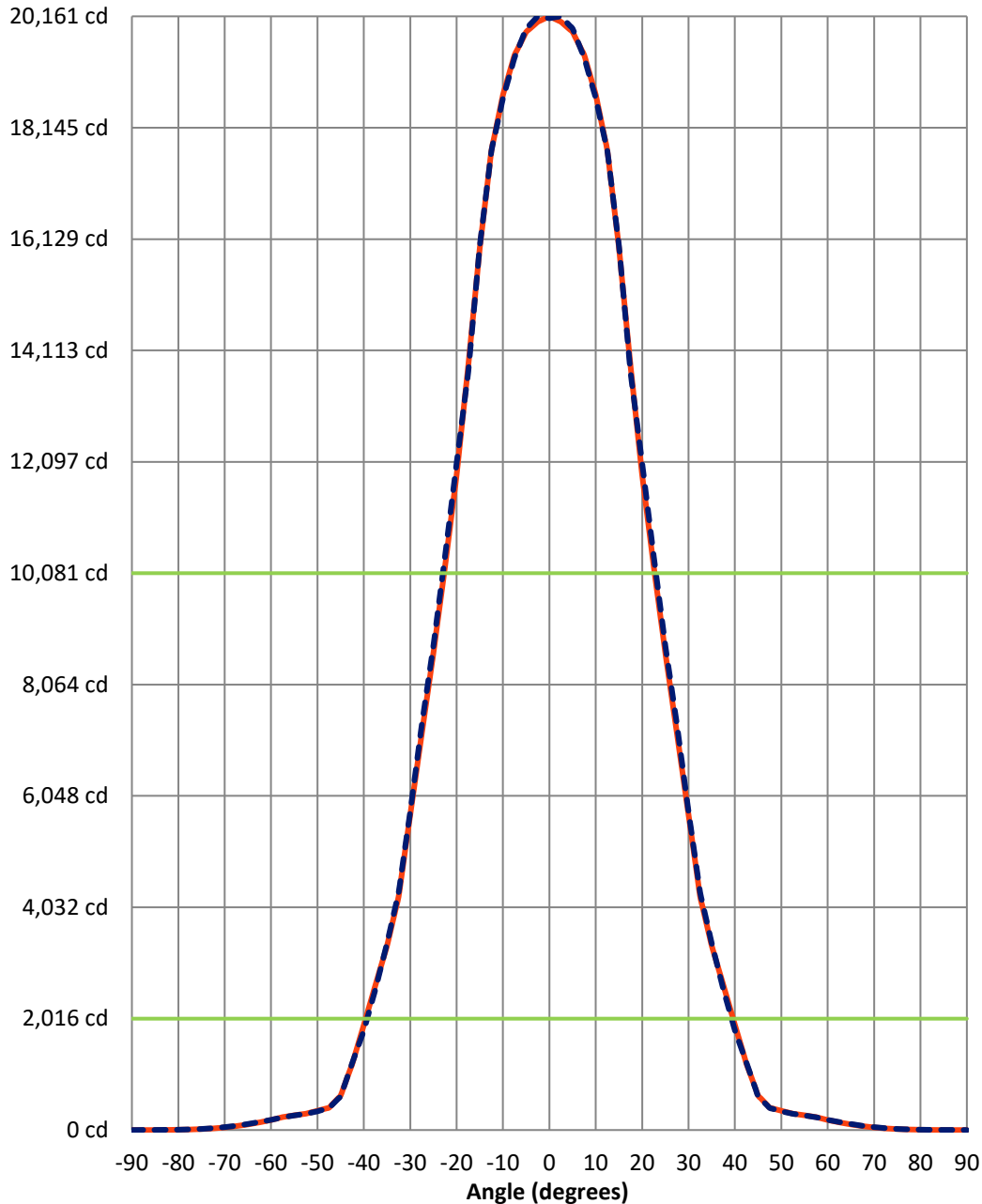
REPORT NUMBER: P722791 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_RED-ONLY

Luminous Intensity Polar Plot



REPORT NUMBER: P722791 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_RED-ONLY

Luminous Intensity Plot



Beam:
 H Angle: 45.9°
 V Angle: 45.4°
 Lumens: 7384.3
 Efficiency: 55.3%

Field:
 H Angle: 78.6°
 V Angle: 79.2°
 Lumens: 12300.8
 Efficiency: 92.1%

Spill:
 Lumens: 1050.7
 Efficiency: 7.9%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through 0-Deg



REPORT NUMBER: P722791 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_RED-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	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.0	2.0
80°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.0	2.0	2.0	2.0
77.5°	0.0	0.4	0.9	1.3	1.7	2.0	2.0	2.0	2.0	2.0	2.2
75°	0.0	0.5	1.0	1.5	2.0	2.0	2.0	2.0	2.1	2.5	3.0
72.5°	0.0	0.6	1.2	1.8	2.0	2.0	2.0	2.1	2.7	3.2	3.7
70°	0.0	0.7	1.4	2.0	2.0	2.0	2.1	2.7	3.3	3.9	4.5
67.5°	0.0	0.8	1.5	2.0	2.0	2.0	2.5	3.2	3.9	4.6	5.3
65°	0.0	0.8	1.7	2.0	2.0	2.2	3.0	3.7	4.5	5.3	6.4
62.5°	0.0	0.9	1.8	2.0	2.0	2.6	3.4	4.3	5.2	6.2	8.1
60°	0.0	1.0	2.0	2.0	2.0	2.9	3.9	4.8	5.8	7.9	9.8
57.5°	0.0	1.1	2.0	2.0	2.3	3.3	4.3	5.3	7.2	9.6	12.8
55°	0.0	1.1	2.0	2.0	2.5	3.6	4.7	5.8	8.8	11.6	16.1
52.5°	0.0	1.2	2.0	2.0	2.8	4.0	5.2	7.2	10.4	14.4	19.3
50°	0.0	1.3	2.0	2.0	3.1	4.3	5.6	8.6	12.2	17.0	23.8
47.5°	0.0	1.4	2.0	2.0	3.3	4.6	6.1	9.9	14.4	19.5	28.3
45°	0.0	1.4	2.0	2.2	3.6	4.9	7.2	11.2	16.4	23.4	32.7
42.5°	0.0	1.5	2.0	2.4	3.8	5.2	8.2	12.7	18.4	27.2	38.4
40°	0.0	1.5	2.0	2.6	4.0	5.5	9.2	14.3	20.6	30.8	44.1
37.5°	0.0	1.6	2.0	2.7	4.2	5.8	10.2	15.8	23.7	34.7	49.6
35°	0.0	1.6	2.0	2.9	4.4	6.4	11.1	17.3	26.6	39.3	55.4
32.5°	0.0	1.7	2.0	3.0	4.6	7.1	12.0	18.6	29.3	43.7	61.8
30°	0.0	1.7	2.0	3.1	4.8	7.8	13.1	20.1	31.8	47.8	67.8
27.5°	0.0	1.8	2.0	3.3	5.0	8.4	14.1	22.2	34.6	51.6	73.4
25°	0.0	1.8	2.0	3.4	5.1	8.9	15.1	24.1	37.7	55.8	78.6
22.5°	0.0	1.8	2.0	3.5	5.3	9.5	15.9	25.8	40.5	60.0	84.3
20°	0.0	1.9	2.0	3.6	5.4	9.9	16.7	27.3	43.0	63.8	89.6
17.5°	0.0	1.9	2.0	3.6	5.5	10.3	17.4	28.7	45.3	67.1	94.2
15°	0.0	1.9	2.0	3.7	5.6	10.7	17.9	29.9	47.3	70.1	98.2
12.5°	0.0	2.0	2.0	3.8	5.7	11.0	18.5	31.0	49.0	72.6	101.7
10°	0.0	2.0	2.0	3.8	5.8	11.3	18.9	31.8	50.3	74.3	104.5
7.5°	0.0	2.0	2.0	3.9	5.8	11.4	19.2	32.5	51.4	75.5	106.7
5°	0.0	2.0	2.0	3.9	5.9	11.6	19.4	32.9	52.2	76.2	108.3
2.5°	0.0	2.0	2.0	3.9	5.9	11.7	19.6	33.2	52.6	76.5	109.3
0°	0.0	2.0	2.0	3.9	5.9	11.7	19.6	33.3	52.8	76.3	109.6
-2.5°	0.0	2.0	2.0	3.9	5.9	11.7	19.6	33.2	52.6	76.5	109.3
-5°	0.0	2.0	2.0	3.9	5.9	11.6	19.4	32.9	52.2	76.2	108.3
-7.5°	0.0	2.0	2.0	3.9	5.8	11.4	19.2	32.5	51.4	75.5	106.7
-10°	0.0	2.0	2.0	3.8	5.8	11.3	18.9	31.8	50.3	74.3	104.5
-12.5°	0.0	2.0	2.0	3.8	5.7	11.0	18.5	31.0	49.0	72.6	101.7
-15°	0.0	1.9	2.0	3.7	5.6	10.7	17.9	29.9	47.3	70.1	98.2
-17.5°	0.0	1.9	2.0	3.6	5.5	10.3	17.4	28.7	45.3	67.1	94.2
-20°	0.0	1.9	2.0	3.6	5.4	9.9	16.7	27.3	43.0	63.8	89.6



REPORT NUMBER: P722791 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_RED-ONLY

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.8	2.0	3.5	5.3	9.5	15.9	25.8	40.5	60.0	84.3
-25°	0.0	1.8	2.0	3.4	5.1	8.9	15.1	24.1	37.7	55.8	78.6
-27.5°	0.0	1.8	2.0	3.3	5.0	8.4	14.1	22.2	34.6	51.6	73.4
-30°	0.0	1.7	2.0	3.1	4.8	7.8	13.1	20.1	31.8	47.8	67.8
-32.5°	0.0	1.7	2.0	3.0	4.6	7.1	12.0	18.6	29.3	43.7	61.8
-35°	0.0	1.6	2.0	2.9	4.4	6.4	11.1	17.3	26.6	39.3	55.4
-37.5°	0.0	1.6	2.0	2.7	4.2	5.8	10.2	15.8	23.7	34.7	49.6
-40°	0.0	1.5	2.0	2.6	4.0	5.5	9.2	14.3	20.6	30.8	44.1
-42.5°	0.0	1.5	2.0	2.4	3.8	5.2	8.2	12.7	18.4	27.2	38.4
-45°	0.0	1.4	2.0	2.2	3.6	4.9	7.2	11.2	16.4	23.4	32.7
-47.5°	0.0	1.4	2.0	2.0	3.3	4.6	6.1	9.9	14.4	19.5	28.3
-50°	0.0	1.3	2.0	2.0	3.1	4.3	5.6	8.6	12.2	17.0	23.8
-52.5°	0.0	1.2	2.0	2.0	2.8	4.0	5.2	7.2	10.4	14.4	19.3
-55°	0.0	1.1	2.0	2.0	2.5	3.6	4.7	5.8	8.8	11.6	16.1
-57.5°	0.0	1.1	2.0	2.0	2.3	3.3	4.3	5.3	7.2	9.6	12.8
-60°	0.0	1.0	2.0	2.0	2.0	2.9	3.9	4.8	5.8	7.9	9.8
-62.5°	0.0	0.9	1.8	2.0	2.0	2.6	3.4	4.3	5.2	6.2	8.1
-65°	0.0	0.8	1.7	2.0	2.0	2.2	3.0	3.7	4.5	5.3	6.4
-67.5°	0.0	0.8	1.5	2.0	2.0	2.0	2.5	3.2	3.9	4.6	5.3
-70°	0.0	0.7	1.4	2.0	2.0	2.0	2.1	2.7	3.3	3.9	4.5
-72.5°	0.0	0.6	1.2	1.8	2.0	2.0	2.0	2.1	2.7	3.2	3.7
-75°	0.0	0.5	1.0	1.5	2.0	2.0	2.0	2.0	2.1	2.5	3.0
-77.5°	0.0	0.4	0.9	1.3	1.7	2.0	2.0	2.0	2.0	2.0	2.2
-80°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.0	2.0	2.0	2.0
-82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.0	2.0
-85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
-87.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	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: P722791 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_RED-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°	0.7	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.4	1.0	0.6	0.3	0.4	0.6	0.7	0.8	0.9	1.1	1.2
82.5°	1.7	1.5	1.4	1.4	1.6	1.9	2.0	2.2	2.4	2.6	2.7
80°	1.9	2.0	2.3	2.5	2.8	3.1	3.3	3.6	3.8	4.0	4.2
77.5°	2.6	2.9	3.3	3.6	4.0	4.3	4.6	4.9	5.2	5.5	5.8
75°	3.4	3.9	4.3	4.7	5.2	5.6	6.0	6.8	7.5	8.1	8.8
72.5°	4.3	4.8	5.3	5.8	6.8	7.7	8.6	9.5	11.0	12.8	14.3
70°	5.2	5.8	6.8	7.9	9.0	10.6	13.2	15.7	17.9	19.9	22.3
67.5°	6.2	7.5	8.8	10.5	13.6	16.6	19.5	22.9	26.1	29.1	32.7
65°	7.9	9.3	12.2	15.8	19.2	23.2	27.0	30.8	36.9	42.8	47.7
62.5°	9.5	13.1	17.1	21.4	25.9	30.2	36.8	44.3	51.8	59.1	66.1
60°	13.2	17.6	22.6	27.9	33.3	41.2	49.5	58.9	68.0	76.6	87.2
57.5°	17.2	22.8	28.9	35.7	44.2	53.0	64.2	74.6	86.8	98.9	110.9
55°	21.6	28.7	36.3	45.7	55.9	67.6	80.0	94.2	107.8	122.7	136.7
52.5°	26.9	35.0	45.4	56.5	69.4	83.3	98.6	115.1	132.2	148.5	166.8
50°	32.0	43.0	54.7	68.8	83.9	100.6	119.2	138.7	158.1	177.9	198.8
47.5°	38.6	50.8	65.9	81.6	99.7	119.4	141.3	163.4	185.0	208.8	232.8
45°	45.4	60.0	76.6	95.9	116.2	139.0	163.4	187.7	213.5	237.5	253.7
42.5°	52.0	69.4	88.8	109.8	133.3	158.7	185.1	213.5	238.5	256.7	273.3
40°	60.1	78.6	100.9	124.5	149.9	178.3	208.8	237.1	256.5	274.6	291.7
37.5°	68.0	89.2	112.8	138.4	167.5	199.0	232.3	253.9	273.2	291.0	322.1
35°	75.5	99.3	124.8	152.8	184.2	220.5	248.1	269.5	288.4	318.4	354.9
32.5°	83.6	108.9	136.1	167.4	202.7	238.6	262.6	283.1	311.0	347.3	392.1
30°	91.7	118.4	147.1	181.2	220.1	250.8	274.9	298.3	335.5	381.1	475.0
27.5°	99.3	127.2	158.9	195.6	235.0	262.3	285.9	319.8	363.3	429.0	579.6
25°	106.3	135.6	169.8	209.2	244.9	272.2	298.4	339.2	390.7	521.7	833.0
22.5°	113.0	143.5	180.2	221.5	254.2	281.2	314.9	362.2	440.7	616.9	1107.8
20°	119.4	152.2	190.5	232.7	262.8	289.5	329.7	384.7	515.8	848.1	1370.4
17.5°	125.1	159.9	200.3	240.2	269.8	299.0	343.7	405.8	584.2	1050.4	1610.4
15°	130.2	166.8	208.8	246.7	275.5	309.2	360.1	456.2	703.3	1230.1	1824.1
12.5°	134.7	172.6	216.1	252.1	280.1	317.9	373.7	505.1	845.4	1399.3	2049.5
10°	138.4	177.5	222.2	256.5	283.6	325.1	384.5	548.4	964.3	1542.7	2235.9
7.5°	141.2	181.0	226.9	259.9	286.0	330.8	392.5	585.0	1057.9	1652.3	2376.2
5°	143.2	183.0	229.6	262.3	288.8	335.0	397.6	613.8	1125.8	1728.3	2471.6
2.5°	144.4	184.0	230.9	263.7	291.5	337.6	399.7	617.4	1180.4	1779.5	2528.8
0°	144.8	183.9	230.9	264.2	293.5	338.5	399.2	610.5	1213.2	1802.1	2547.7
-2.5°	144.4	184.0	230.9	263.7	291.5	337.6	399.7	617.4	1180.4	1779.5	2528.8
-5°	143.2	183.0	229.6	262.3	288.8	335.0	397.6	613.8	1125.8	1728.3	2471.6
-7.5°	141.2	181.0	226.9	259.9	286.0	330.8	392.5	585.0	1057.9	1652.3	2376.2
-10°	138.4	177.5	222.2	256.5	283.6	325.1	384.5	548.4	964.3	1542.7	2235.9
-12.5°	134.7	172.6	216.1	252.1	280.1	317.9	373.7	505.1	845.4	1399.3	2049.5
-15°	130.2	166.8	208.8	246.7	275.5	309.2	360.1	456.2	703.3	1230.1	1824.1
-17.5°	125.1	159.9	200.3	240.2	269.8	299.0	343.7	405.8	584.2	1050.4	1610.4
-20°	119.4	152.2	190.5	232.7	262.8	289.5	329.7	384.7	515.8	848.1	1370.4



REPORT NUMBER: P722791 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_RED-ONLY

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	113.0	143.5	180.2	221.5	254.2	281.2	314.9	362.2	440.7	616.9	1107.8
-25°	106.3	135.6	169.8	209.2	244.9	272.2	298.4	339.2	390.7	521.7	833.0
-27.5°	99.3	127.2	158.9	195.6	235.0	262.3	285.9	319.8	363.3	429.0	579.6
-30°	91.7	118.4	147.1	181.2	220.1	250.8	274.9	298.3	335.5	381.1	475.0
-32.5°	83.6	108.9	136.1	167.4	202.7	238.6	262.6	283.1	311.0	347.3	392.1
-35°	75.5	99.3	124.8	152.8	184.2	220.5	248.1	269.5	288.4	318.4	354.9
-37.5°	68.0	89.2	112.8	138.4	167.5	199.0	232.3	253.9	273.2	291.0	322.1
-40°	60.1	78.6	100.9	124.5	149.9	178.3	208.8	237.1	256.5	274.6	291.7
-42.5°	52.0	69.4	88.8	109.8	133.3	158.7	185.1	213.5	238.5	256.7	273.3
-45°	45.4	60.0	76.6	95.9	116.2	139.0	163.4	187.7	213.5	237.5	253.7
-47.5°	38.6	50.8	65.9	81.6	99.7	119.4	141.3	163.4	185.0	208.8	232.8
-50°	32.0	43.0	54.7	68.8	83.9	100.6	119.2	138.7	158.1	177.9	198.8
-52.5°	26.9	35.0	45.4	56.5	69.4	83.3	98.6	115.1	132.2	148.5	166.8
-55°	21.6	28.7	36.3	45.7	55.9	67.6	80.0	94.2	107.8	122.7	136.7
-57.5°	17.2	22.8	28.9	35.7	44.2	53.0	64.2	74.6	86.8	98.9	110.9
-60°	13.2	17.6	22.6	27.9	33.3	41.2	49.5	58.9	68.0	76.6	87.2
-62.5°	9.5	13.1	17.1	21.4	25.9	30.2	36.8	44.3	51.8	59.1	66.1
-65°	7.9	9.3	12.2	15.8	19.2	23.2	27.0	30.8	36.9	42.8	47.7
-67.5°	6.2	7.5	8.8	10.5	13.6	16.6	19.5	22.9	26.1	29.1	32.7
-70°	5.2	5.8	6.8	7.9	9.0	10.6	13.2	15.7	17.9	19.9	22.3
-72.5°	4.3	4.8	5.3	5.8	6.8	7.7	8.6	9.5	11.0	12.8	14.3
-75°	3.4	3.9	4.3	4.7	5.2	5.6	6.0	6.8	7.5	8.1	8.8
-77.5°	2.6	2.9	3.3	3.6	4.0	4.3	4.6	4.9	5.2	5.5	5.8
-80°	1.9	2.0	2.3	2.5	2.8	3.1	3.3	3.6	3.8	4.0	4.2
-82.5°	1.7	1.5	1.4	1.4	1.6	1.9	2.0	2.2	2.4	2.6	2.7
-85°	1.4	1.0	0.6	0.3	0.4	0.6	0.7	0.8	0.9	1.1	1.2
-87.5°	0.7	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-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: P722791 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_RED-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.3	1.4	1.5	1.5	1.6	1.3	0.9	0.5	0.0	0.0	0.0
82.5°	2.9	3.0	3.1	3.3	3.4	3.0	2.6	2.2	1.8	1.9	1.9
80°	4.4	4.6	4.8	5.0	5.1	5.2	5.2	5.3	5.4	5.5	5.7
77.5°	6.2	6.7	7.2	7.6	7.9	8.3	8.6	8.9	9.1	9.3	9.5
75°	9.4	10.1	11.2	12.2	13.1	14.0	14.7	15.4	16.0	16.5	16.9
72.5°	15.5	16.6	18.1	19.9	21.5	22.9	24.3	25.5	26.5	27.4	28.1
70°	24.7	27.2	29.2	31.4	34.0	36.6	39.1	41.4	43.4	44.8	45.7
67.5°	37.0	40.6	44.2	47.7	51.9	56.0	59.6	62.5	65.0	67.1	68.9
65°	52.6	58.6	64.7	70.2	75.1	80.0	84.3	88.1	91.4	94.4	97.0
62.5°	73.4	81.6	89.2	95.8	101.6	107.5	113.7	119.0	123.3	127.2	131.2
60°	97.3	106.9	116.4	125.2	133.4	141.2	149.5	156.6	162.7	168.0	173.1
57.5°	123.3	135.0	147.0	160.0	171.7	182.0	191.5	200.5	209.0	216.6	223.1
55°	152.2	169.1	185.7	199.1	211.6	223.6	234.6	242.3	248.8	254.3	258.9
52.5°	185.7	204.5	221.2	235.3	246.0	255.8	264.7	271.8	277.5	282.2	286.7
50°	220.5	237.9	250.5	262.9	272.9	282.2	291.3	301.2	312.4	322.4	331.4
47.5°	247.7	261.7	274.1	284.6	297.6	315.7	332.3	347.6	363.5	377.6	388.8
45°	268.9	282.9	297.6	318.3	338.3	362.1	383.9	403.1	458.7	511.1	553.3
42.5°	289.3	312.4	336.3	363.1	390.3	444.6	528.2	603.0	724.7	862.3	972.2
40°	320.6	350.5	382.6	431.9	537.8	644.9	869.1	1078.3	1266.2	1450.0	1610.5
37.5°	356.3	394.1	478.2	592.6	841.5	1107.0	1392.2	1664.0	1902.1	2128.9	2308.9
35°	396.8	499.3	642.5	967.1	1298.2	1659.8	1993.0	2309.6	2598.2	2818.5	3004.8
32.5°	498.4	678.7	1035.9	1421.0	1830.2	2236.8	2616.5	2938.1	3222.6	3510.4	3774.7
30°	643.3	1048.8	1467.7	1910.2	2370.8	2805.1	3187.6	3587.7	4005.6	4416.2	4852.8
27.5°	981.3	1429.9	1897.0	2405.8	2903.6	3365.6	3873.2	4392.3	5080.5	5674.1	6259.8
25°	1306.0	1793.6	2339.3	2894.8	3445.2	4045.4	4759.1	5544.7	6361.1	7083.9	7651.9
22.5°	1623.2	2180.9	2772.5	3375.9	4050.0	4894.1	5822.2	6806.2	7677.9	8422.3	8998.1
20°	1928.9	2543.8	3197.8	3904.5	4791.3	5839.9	6962.0	7958.6	8876.2	9690.0	10414.3
17.5°	2236.0	2904.1	3620.2	4437.7	5586.6	6833.0	7964.8	9051.1	10027.1	11016.2	11896.9
15°	2519.8	3227.3	4017.8	5087.1	6416.8	7726.0	8868.2	10060.7	11207.6	12336.8	13555.6
12.5°	2776.8	3524.0	4418.9	5675.7	7178.4	8416.0	9718.4	11044.9	12349.3	13801.7	15233.8
10°	2983.1	3799.2	4888.3	6335.4	7721.6	9062.2	10454.3	11925.1	13464.3	15228.7	16725.7
7.5°	3139.8	4018.8	5264.5	6780.1	8178.1	9600.5	11124.1	12703.9	14518.8	16511.8	17721.1
5°	3255.2	4178.6	5533.5	7098.1	8521.5	10018.4	11611.6	13236.6	15370.5	17256.0	18237.7
2.5°	3335.1	4274.1	5699.5	7297.3	8740.2	10255.6	11935.8	13659.2	15896.4	17602.9	18555.8
0°	3381.2	4298.9	5762.6	7338.7	8768.1	10386.3	12071.1	13716.7	16006.1	17722.1	18679.0
-2.5°	3335.1	4274.1	5699.5	7297.3	8740.2	10255.6	11935.8	13659.2	15896.4	17602.9	18555.8
-5°	3255.2	4178.6	5533.5	7098.1	8521.5	10018.4	11611.6	13236.6	15370.5	17256.0	18237.7
-7.5°	3139.8	4018.8	5264.5	6780.1	8178.1	9600.5	11124.1	12703.9	14518.8	16511.8	17721.1
-10°	2983.1	3799.2	4888.3	6335.4	7721.6	9062.2	10454.3	11925.1	13464.3	15228.7	16725.7
-12.5°	2776.8	3524.0	4418.9	5675.7	7178.4	8416.0	9718.4	11044.9	12349.3	13801.7	15233.8
-15°	2519.8	3227.3	4017.8	5087.1	6416.8	7726.0	8868.2	10060.7	11207.6	12336.8	13555.6
-17.5°	2236.0	2904.1	3620.2	4437.7	5586.6	6833.0	7964.8	9051.1	10027.1	11016.2	11896.9
-20°	1928.9	2543.8	3197.8	3904.5	4791.3	5839.9	6962.0	7958.6	8876.2	9690.0	10414.3



REPORT NUMBER: P722791 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_RED-ONLY

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1623.2	2180.9	2772.5	3375.9	4050.0	4894.1	5822.2	6806.2	7677.9	8422.3	8998.1
-25°	1306.0	1793.6	2339.3	2894.8	3445.2	4045.4	4759.1	5544.7	6361.1	7083.9	7651.9
-27.5°	981.3	1429.9	1897.0	2405.8	2903.6	3365.6	3873.2	4392.3	5080.5	5674.1	6259.8
-30°	643.3	1048.8	1467.7	1910.2	2370.8	2805.1	3187.6	3587.7	4005.6	4416.2	4852.8
-32.5°	498.4	678.7	1035.9	1421.0	1830.2	2236.8	2616.5	2938.1	3222.6	3510.4	3774.7
-35°	396.8	499.3	642.5	967.1	1298.2	1659.8	1993.0	2309.6	2598.2	2818.5	3004.8
-37.5°	356.3	394.1	478.2	592.6	841.5	1107.0	1392.2	1664.0	1902.1	2128.9	2308.9
-40°	320.6	350.5	382.6	431.9	537.8	644.9	869.1	1078.3	1266.2	1450.0	1610.5
-42.5°	289.3	312.4	336.3	363.1	390.3	444.6	528.2	603.0	724.7	862.3	972.2
-45°	268.9	282.9	297.6	318.3	338.3	362.1	383.9	403.1	458.7	511.1	553.3
-47.5°	247.7	261.7	274.1	284.6	297.6	315.7	332.3	347.6	363.5	377.6	388.8
-50°	220.5	237.9	250.5	262.9	272.9	282.2	291.3	301.2	312.4	322.4	331.4
-52.5°	185.7	204.5	221.2	235.3	246.0	255.8	264.7	271.8	277.5	282.2	286.7
-55°	152.2	169.1	185.7	199.1	211.6	223.6	234.6	242.3	248.8	254.3	258.9
-57.5°	123.3	135.0	147.0	160.0	171.7	182.0	191.5	200.5	209.0	216.6	223.1
-60°	97.3	106.9	116.4	125.2	133.4	141.2	149.5	156.6	162.7	168.0	173.1
-62.5°	73.4	81.6	89.2	95.8	101.6	107.5	113.7	119.0	123.3	127.2	131.2
-65°	52.6	58.6	64.7	70.2	75.1	80.0	84.3	88.1	91.4	94.4	97.0
-67.5°	37.0	40.6	44.2	47.7	51.9	56.0	59.6	62.5	65.0	67.1	68.9
-70°	24.7	27.2	29.2	31.4	34.0	36.6	39.1	41.4	43.4	44.8	45.7
-72.5°	15.5	16.6	18.1	19.9	21.5	22.9	24.3	25.5	26.5	27.4	28.1
-75°	9.4	10.1	11.2	12.2	13.1	14.0	14.7	15.4	16.0	16.5	16.9
-77.5°	6.2	6.7	7.2	7.6	7.9	8.3	8.6	8.9	9.1	9.3	9.5
-80°	4.4	4.6	4.8	5.0	5.1	5.2	5.2	5.3	5.4	5.5	5.7
-82.5°	2.9	3.0	3.1	3.3	3.4	3.0	2.6	2.2	1.8	1.9	1.9
-85°	1.3	1.4	1.5	1.5	1.6	1.3	0.9	0.5	0.0	0.0	0.0
-87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-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: P722791 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_RED-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
82.5°	1.9	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.8	2.2
80°	5.8	5.8	5.9	5.9	5.9	5.8	5.8	5.7	5.5	5.4	5.3
77.5°	9.6	9.7	9.8	9.8	9.8	9.7	9.6	9.5	9.3	9.1	8.9
75°	17.2	17.4	17.6	17.6	17.6	17.4	17.2	16.9	16.5	16.0	15.4
72.5°	28.7	29.1	29.3	29.4	29.3	29.1	28.7	28.1	27.4	26.5	25.5
70°	46.3	46.5	46.9	47.0	46.9	46.5	46.3	45.7	44.8	43.4	41.4
67.5°	70.4	71.5	71.3	70.4	71.3	71.5	70.4	68.9	67.1	65.0	62.5
65°	99.1	100.6	101.5	101.8	101.5	100.6	99.1	97.0	94.4	91.4	88.1
62.5°	134.5	137.1	138.5	138.9	138.5	137.1	134.5	131.2	127.2	123.3	119.0
60°	177.0	179.8	181.5	182.0	181.5	179.8	177.0	173.1	168.0	162.7	156.6
57.5°	228.2	231.9	234.1	234.8	234.1	231.9	228.2	223.1	216.6	209.0	200.5
55°	262.8	265.9	266.8	266.1	266.8	265.9	262.8	258.9	254.3	248.8	242.3
52.5°	290.5	293.4	295.7	297.4	295.7	293.4	290.5	286.7	282.2	277.5	271.8
50°	338.7	344.1	348.7	352.2	348.7	344.1	338.7	331.4	322.4	312.4	301.2
47.5°	396.3	401.1	403.9	405.0	403.9	401.1	396.3	388.8	377.6	363.5	347.6
45°	585.2	607.7	624.2	635.9	624.2	607.7	585.2	553.3	511.1	458.7	403.1
42.5°	1069.6	1144.5	1195.6	1221.0	1195.6	1144.5	1069.6	972.2	862.3	724.7	603.0
40°	1747.1	1846.6	1901.3	1900.0	1901.3	1846.6	1747.1	1610.5	1450.0	1266.2	1078.3
37.5°	2451.1	2556.6	2622.8	2651.4	2622.8	2556.6	2451.1	2308.9	2128.9	1902.1	1664.0
35°	3158.9	3270.7	3335.7	3346.0	3335.7	3270.7	3158.9	3004.8	2818.5	2598.2	2309.6
32.5°	3973.9	4128.1	4227.0	4281.3	4227.0	4128.1	3973.9	3774.7	3510.4	3222.6	2938.1
30°	5220.5	5514.7	5705.6	5662.8	5705.6	5514.7	5220.5	4852.8	4416.2	4005.6	3587.7
27.5°	6698.4	7012.6	7179.1	7241.9	7179.1	7012.6	6698.4	6259.8	5674.1	5080.5	4392.3
25°	8102.7	8417.7	8635.8	8631.1	8635.8	8417.7	8102.7	7651.9	7083.9	6361.1	5544.7
22.5°	9499.3	9898.9	10198.6	10282.6	10198.6	9898.9	9499.3	8998.1	8422.3	7677.9	6806.2
20°	11071.8	11548.5	11857.8	11938.0	11857.8	11548.5	11071.8	10414.3	9690.0	8876.2	7958.6
17.5°	12685.2	13315.2	13826.4	14021.0	13826.4	13315.2	12685.2	11896.9	11016.2	10027.1	9051.1
15°	14597.7	15473.3	15970.7	16158.7	15970.7	15473.3	14597.7	13555.6	12336.8	11207.6	10060.7
12.5°	16423.5	17232.9	17729.5	17945.2	17729.5	17232.9	16423.5	15233.8	13801.7	12349.3	11044.9
10°	17695.3	18358.8	18739.8	18890.3	18739.8	18358.8	17695.3	16725.7	15228.7	13464.3	11925.1
7.5°	18439.9	19084.7	19461.6	19580.1	19461.6	19084.7	18439.9	17721.1	16511.8	14518.8	12703.9
5°	19007.3	19580.7	19878.9	19945.0	19878.9	19580.7	19007.3	18237.7	17256.0	15370.5	13236.6
2.5°	19299.0	19847.9	20061.7	20048.7	20061.7	19847.9	19299.0	18555.8	17602.9	15896.4	13659.2
0°	19415.7	19939.1	20161.2	20126.9	20161.2	19939.1	19415.7	18679.0	17722.1	16006.1	13716.7
-2.5°	19299.0	19847.9	20061.7	20048.7	20061.7	19847.9	19299.0	18555.8	17602.9	15896.4	13659.2
-5°	19007.3	19580.7	19878.9	19945.0	19878.9	19580.7	19007.3	18237.7	17256.0	15370.5	13236.6
-7.5°	18439.9	19084.7	19461.6	19580.0	19461.6	19084.7	18439.9	17721.1	16511.8	14518.8	12703.9
-10°	17695.3	18358.8	18739.8	18890.3	18739.8	18358.8	17695.3	16725.7	15228.7	13464.3	11925.1
-12.5°	16423.5	17232.9	17729.5	17945.2	17729.5	17232.9	16423.5	15233.8	13801.7	12349.3	11044.9
-15°	14597.7	15473.3	15970.7	16158.7	15970.7	15473.3	14597.7	13555.6	12336.8	11207.6	10060.7
-17.5°	12685.2	13315.2	13826.4	14021.0	13826.4	13315.2	12685.2	11896.9	11016.2	10027.1	9051.1
-20°	11071.8	11548.5	11857.8	11938.0	11857.8	11548.5	11071.8	10414.3	9690.0	8876.2	7958.6



REPORT NUMBER: P722791 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_RED-ONLY

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9499.3	9898.9	10198.6	10282.6	10198.6	9898.9	9499.3	8998.1	8422.3	7677.9	6806.2
-25°	8102.7	8417.7	8635.8	8631.1	8635.8	8417.7	8102.7	7651.9	7083.9	6361.1	5544.7
-27.5°	6698.4	7012.6	7179.1	7241.9	7179.1	7012.6	6698.4	6259.8	5674.1	5080.5	4392.3
-30°	5220.5	5514.7	5705.6	5662.8	5705.6	5514.7	5220.5	4852.8	4416.2	4005.6	3587.7
-32.5°	3973.9	4128.1	4227.0	4281.3	4227.0	4128.1	3973.9	3774.7	3510.4	3222.6	2938.1
-35°	3158.9	3270.7	3335.7	3346.0	3335.7	3270.7	3158.9	3004.8	2818.5	2598.2	2309.6
-37.5°	2451.1	2556.6	2622.8	2651.4	2622.8	2556.6	2451.1	2308.9	2128.9	1902.1	1664.0
-40°	1747.1	1846.6	1901.3	1900.0	1901.3	1846.6	1747.1	1610.5	1450.0	1266.2	1078.3
-42.5°	1069.6	1144.5	1195.6	1221.0	1195.6	1144.5	1069.6	972.2	862.3	724.7	603.0
-45°	585.2	607.7	624.2	635.9	624.2	607.7	585.2	553.3	511.1	458.7	403.1
-47.5°	396.3	401.1	403.9	405.0	403.9	401.1	396.3	388.8	377.6	363.5	347.6
-50°	338.7	344.1	348.7	352.2	348.7	344.1	338.7	331.4	322.4	312.4	301.2
-52.5°	290.5	293.4	295.7	297.4	295.7	293.4	290.5	286.7	282.2	277.5	271.8
-55°	262.8	265.9	266.8	266.1	266.8	265.9	262.8	258.9	254.3	248.8	242.3
-57.5°	228.2	231.9	234.1	234.8	234.1	231.9	228.2	223.1	216.6	209.0	200.5
-60°	177.0	179.8	181.5	182.0	181.5	179.8	177.0	173.1	168.0	162.7	156.6
-62.5°	134.5	137.1	138.5	138.9	138.5	137.1	134.5	131.2	127.2	123.3	119.0
-65°	99.1	100.6	101.5	101.8	101.5	100.6	99.1	97.0	94.4	91.4	88.1
-67.5°	70.4	71.5	71.3	70.4	71.3	71.5	70.4	68.9	67.1	65.0	62.5
-70°	46.3	46.5	46.9	47.0	46.9	46.5	46.3	45.7	44.8	43.4	41.4
-72.5°	28.7	29.1	29.3	29.4	29.3	29.1	28.7	28.1	27.4	26.5	25.5
-75°	17.2	17.4	17.6	17.6	17.6	17.4	17.2	16.9	16.5	16.0	15.4
-77.5°	9.6	9.7	9.8	9.8	9.8	9.7	9.6	9.5	9.3	9.1	8.9
-80°	5.8	5.8	5.9	5.9	5.9	5.8	5.8	5.7	5.5	5.4	5.3
-82.5°	1.9	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.8	2.2
-85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
-87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-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: P722791 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_RED-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.9	1.3	1.6	1.5	1.5	1.4	1.3	1.2	1.1	0.9	0.8
82.5°	2.6	3.0	3.4	3.3	3.1	3.0	2.9	2.7	2.6	2.4	2.2
80°	5.2	5.2	5.1	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6
77.5°	8.6	8.3	7.9	7.6	7.2	6.7	6.2	5.8	5.5	5.2	4.9
75°	14.7	14.0	13.1	12.2	11.2	10.1	9.4	8.8	8.1	7.5	6.8
72.5°	24.3	22.9	21.5	19.9	18.1	16.6	15.5	14.3	12.8	11.0	9.5
70°	39.1	36.6	34.0	31.4	29.2	27.2	24.7	22.3	19.9	17.9	15.7
67.5°	59.6	56.0	51.9	47.7	44.2	40.6	37.0	32.7	29.1	26.1	22.9
65°	84.3	80.0	75.1	70.2	64.7	58.6	52.6	47.7	42.8	36.9	30.8
62.5°	113.7	107.5	101.6	95.8	89.2	81.6	73.4	66.1	59.1	51.8	44.3
60°	149.5	141.2	133.4	125.2	116.4	106.9	97.3	87.2	76.6	68.0	58.9
57.5°	191.5	182.0	171.7	160.0	147.0	135.0	123.3	110.9	98.9	86.8	74.6
55°	234.6	223.6	211.6	199.1	185.7	169.1	152.2	136.7	122.7	107.8	94.2
52.5°	264.7	255.8	246.0	235.3	221.2	204.5	185.7	166.8	148.5	132.2	115.1
50°	291.3	282.2	272.9	262.9	250.5	237.9	220.5	198.8	177.9	158.1	138.7
47.5°	332.3	315.7	297.6	284.6	274.1	261.7	247.7	232.8	208.8	185.0	163.4
45°	383.9	362.1	338.3	318.3	297.6	282.9	268.9	253.7	237.5	213.5	187.7
42.5°	528.2	444.6	390.3	363.1	336.3	312.4	289.3	273.3	256.7	238.5	213.5
40°	869.1	644.9	537.8	431.9	382.6	350.5	320.6	291.7	274.6	256.5	237.1
37.5°	1392.2	1107.0	841.5	592.6	478.2	394.1	356.3	322.1	291.0	273.2	253.9
35°	1993.0	1659.8	1298.2	967.1	642.5	499.3	396.8	354.9	318.4	288.4	269.5
32.5°	2616.5	2236.8	1830.2	1421.0	1035.9	678.7	498.4	392.1	347.3	311.0	283.1
30°	3187.6	2805.1	2370.8	1910.2	1467.7	1048.8	643.3	475.0	381.1	335.5	298.3
27.5°	3873.2	3365.6	2903.6	2405.8	1897.0	1429.9	981.3	579.6	429.0	363.3	319.8
25°	4759.1	4045.4	3445.2	2894.8	2339.3	1793.6	1306.0	833.0	521.7	390.7	339.2
22.5°	5822.2	4894.1	4050.0	3375.9	2772.5	2180.9	1623.2	1107.8	616.9	440.7	362.2
20°	6962.0	5839.9	4791.3	3904.5	3197.8	2543.8	1928.9	1370.4	848.1	515.8	384.7
17.5°	7964.8	6833.0	5586.6	4437.7	3620.2	2904.1	2236.0	1610.4	1050.4	584.2	405.8
15°	8868.2	7726.0	6416.8	5087.1	4017.8	3227.3	2519.8	1824.1	1230.1	703.3	456.2
12.5°	9718.4	8416.0	7178.4	5675.7	4418.9	3524.0	2776.8	2049.5	1399.3	845.4	505.1
10°	10454.3	9062.2	7721.6	6335.4	4888.3	3799.2	2983.1	2235.9	1542.7	964.3	548.4
7.5°	11124.1	9600.5	8178.1	6780.1	5264.5	4018.8	3139.8	2376.2	1652.3	1057.9	585.0
5°	11611.6	10018.4	8521.5	7098.1	5533.5	4178.6	3255.2	2471.6	1728.3	1125.8	613.8
2.5°	11935.8	10255.6	8740.2	7297.3	5699.5	4274.1	3335.1	2528.8	1779.5	1180.4	617.4
0°	12071.1	10386.3	8768.1	7338.7	5762.6	4298.9	3381.2	2547.7	1802.1	1213.2	610.5
-2.5°	11935.8	10255.6	8740.2	7297.3	5699.5	4274.1	3335.1	2528.8	1779.5	1180.4	617.4
-5°	11611.6	10018.4	8521.5	7098.1	5533.5	4178.6	3255.2	2471.6	1728.3	1125.8	613.8
-7.5°	11124.1	9600.5	8178.1	6780.1	5264.5	4018.8	3139.8	2376.2	1652.3	1057.9	585.0
-10°	10454.3	9062.2	7721.6	6335.4	4888.3	3799.2	2983.1	2235.9	1542.7	964.3	548.4
-12.5°	9718.4	8416.0	7178.4	5675.7	4418.9	3524.0	2776.8	2049.5	1399.3	845.4	505.1
-15°	8868.2	7726.0	6416.8	5087.1	4017.8	3227.3	2519.8	1824.1	1230.1	703.3	456.2
-17.5°	7964.8	6833.0	5586.6	4437.7	3620.2	2904.1	2236.0	1610.4	1050.4	584.2	405.8
-20°	6962.0	5839.9	4791.3	3904.5	3197.8	2543.8	1928.9	1370.4	848.1	515.8	384.7



REPORT NUMBER: P722791 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_RED-ONLY

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5822.2	4894.1	4050.0	3375.9	2772.5	2180.9	1623.2	1107.8	616.9	440.7	362.2
-25°	4759.1	4045.4	3445.2	2894.8	2339.3	1793.6	1306.0	833.0	521.7	390.7	339.2
-27.5°	3873.2	3365.6	2903.6	2405.8	1897.0	1429.9	981.3	579.6	429.0	363.3	319.8
-30°	3187.6	2805.1	2370.8	1910.2	1467.7	1048.8	643.3	475.0	381.1	335.5	298.3
-32.5°	2616.5	2236.8	1830.2	1421.0	1035.9	678.7	498.4	392.1	347.3	311.0	283.1
-35°	1993.0	1659.8	1298.2	967.1	642.5	499.3	396.8	354.9	318.4	288.4	269.5
-37.5°	1392.2	1107.0	841.5	592.6	478.2	394.1	356.3	322.1	291.0	273.2	253.9
-40°	869.1	644.9	537.8	431.9	382.6	350.5	320.6	291.7	274.6	256.5	237.1
-42.5°	528.2	444.6	390.3	363.1	336.3	312.4	289.3	273.3	256.7	238.5	213.5
-45°	383.9	362.1	338.3	318.3	297.6	282.9	268.9	253.7	237.5	213.5	187.7
-47.5°	332.3	315.7	297.6	284.6	274.1	261.7	247.7	232.8	208.8	185.0	163.4
-50°	291.3	282.2	272.9	262.9	250.5	237.9	220.5	198.8	177.9	158.1	138.7
-52.5°	264.7	255.8	246.0	235.3	221.2	204.5	185.7	166.8	148.5	132.2	115.1
-55°	234.6	223.6	211.6	199.1	185.7	169.1	152.2	136.7	122.7	107.8	94.2
-57.5°	191.5	182.0	171.7	160.0	147.0	135.0	123.3	110.9	98.9	86.8	74.6
-60°	149.5	141.2	133.4	125.2	116.4	106.9	97.3	87.2	76.6	68.0	58.9
-62.5°	113.7	107.5	101.6	95.8	89.2	81.6	73.4	66.1	59.1	51.8	44.3
-65°	84.3	80.0	75.1	70.2	64.7	58.6	52.6	47.7	42.8	36.9	30.8
-67.5°	59.6	56.0	51.9	47.7	44.2	40.6	37.0	32.7	29.1	26.1	22.9
-70°	39.1	36.6	34.0	31.4	29.2	27.2	24.7	22.3	19.9	17.9	15.7
-72.5°	24.3	22.9	21.5	19.9	18.1	16.6	15.5	14.3	12.8	11.0	9.5
-75°	14.7	14.0	13.1	12.2	11.2	10.1	9.4	8.8	8.1	7.5	6.8
-77.5°	8.6	8.3	7.9	7.6	7.2	6.7	6.2	5.8	5.5	5.2	4.9
-80°	5.2	5.2	5.1	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6
-82.5°	2.6	3.0	3.4	3.3	3.1	3.0	2.9	2.7	2.6	2.4	2.2
-85°	0.9	1.3	1.6	1.5	1.5	1.4	1.3	1.2	1.1	0.9	0.8
-87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-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: P722791 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_RED-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°	0.0	0.0	0.0	0.0	0.3	0.5	0.7	0.8	0.8	0.7	0.6
85°	0.7	0.6	0.4	0.3	0.6	1.0	1.4	1.7	1.5	1.4	1.2
82.5°	2.0	1.9	1.6	1.4	1.4	1.5	1.7	2.0	2.0	2.0	1.8
80°	3.3	3.1	2.8	2.5	2.3	2.0	1.9	2.0	2.0	2.0	2.0
77.5°	4.6	4.3	4.0	3.6	3.3	2.9	2.6	2.2	2.0	2.0	2.0
75°	6.0	5.6	5.2	4.7	4.3	3.9	3.4	3.0	2.5	2.1	2.0
72.5°	8.6	7.7	6.8	5.8	5.3	4.8	4.3	3.7	3.2	2.7	2.1
70°	13.2	10.6	9.0	7.9	6.8	5.8	5.2	4.5	3.9	3.3	2.7
67.5°	19.5	16.6	13.6	10.5	8.8	7.5	6.2	5.3	4.6	3.9	3.2
65°	27.0	23.2	19.2	15.8	12.2	9.3	7.9	6.4	5.3	4.5	3.7
62.5°	36.8	30.2	25.9	21.4	17.1	13.1	9.5	8.1	6.2	5.2	4.3
60°	49.5	41.2	33.3	27.9	22.6	17.6	13.2	9.8	7.9	5.8	4.8
57.5°	64.2	53.0	44.2	35.7	28.9	22.8	17.2	12.8	9.6	7.2	5.3
55°	80.0	67.6	55.9	45.7	36.3	28.7	21.6	16.1	11.6	8.8	5.8
52.5°	98.6	83.3	69.4	56.5	45.4	35.0	26.9	19.3	14.4	10.4	7.2
50°	119.2	100.6	83.9	68.8	54.7	43.0	32.0	23.8	17.0	12.2	8.6
47.5°	141.3	119.4	99.7	81.6	65.9	50.8	38.6	28.3	19.5	14.4	9.9
45°	163.4	139.0	116.2	95.9	76.6	60.0	45.4	32.7	23.4	16.4	11.2
42.5°	185.1	158.7	133.3	109.8	88.8	69.4	52.0	38.4	27.2	18.4	12.7
40°	208.8	178.3	149.9	124.5	100.9	78.6	60.1	44.1	30.8	20.6	14.3
37.5°	232.3	199.0	167.5	138.4	112.8	89.2	68.0	49.6	34.7	23.7	15.8
35°	248.1	220.5	184.2	152.8	124.8	99.3	75.5	55.4	39.3	26.6	17.3
32.5°	262.6	238.6	202.7	167.4	136.1	108.9	83.6	61.8	43.7	29.3	18.6
30°	274.9	250.8	220.1	181.2	147.1	118.4	91.7	67.8	47.8	31.8	20.1
27.5°	285.9	262.3	235.0	195.6	158.9	127.2	99.3	73.4	51.6	34.6	22.2
25°	298.4	272.2	244.9	209.2	169.8	135.6	106.3	78.6	55.8	37.7	24.1
22.5°	314.9	281.2	254.2	221.5	180.2	143.5	113.0	84.3	60.0	40.5	25.8
20°	329.7	289.5	262.8	232.7	190.5	152.2	119.4	89.6	63.8	43.0	27.3
17.5°	343.7	299.0	269.8	240.2	200.3	159.9	125.1	94.2	67.1	45.3	28.7
15°	360.1	309.2	275.5	246.7	208.8	166.8	130.2	98.2	70.1	47.3	29.9
12.5°	373.7	317.9	280.1	252.1	216.1	172.6	134.7	101.7	72.6	49.0	31.0
10°	384.5	325.1	283.6	256.5	222.2	177.5	138.4	104.5	74.3	50.3	31.8
7.5°	392.5	330.8	286.0	259.9	226.9	181.0	141.2	106.7	75.5	51.4	32.5
5°	397.6	335.0	288.8	262.3	229.6	183.0	143.2	108.3	76.2	52.2	32.9
2.5°	399.7	337.6	291.5	263.7	230.9	184.0	144.4	109.3	76.5	52.6	33.2
0°	399.2	338.5	293.5	264.2	230.9	183.9	144.8	109.6	76.3	52.8	33.3
-2.5°	399.7	337.6	291.5	263.7	230.9	184.0	144.4	109.3	76.5	52.6	33.2
-5°	397.6	335.0	288.8	262.3	229.6	183.0	143.2	108.3	76.2	52.2	32.9
-7.5°	392.5	330.8	286.0	259.9	226.9	181.0	141.2	106.7	75.5	51.4	32.5
-10°	384.5	325.1	283.6	256.5	222.2	177.5	138.4	104.5	74.3	50.3	31.8
-12.5°	373.7	317.9	280.1	252.1	216.1	172.6	134.7	101.7	72.6	49.0	31.0
-15°	360.1	309.2	275.5	246.7	208.8	166.8	130.2	98.2	70.1	47.3	29.9
-17.5°	343.7	299.0	269.8	240.2	200.3	159.9	125.1	94.2	67.1	45.3	28.7
-20°	329.7	289.5	262.8	232.7	190.5	152.2	119.4	89.6	63.8	43.0	27.3



REPORT NUMBER: P722791 (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°	314.9	281.2	254.2	221.5	180.2	143.5	113.0	84.3	60.0	40.5	25.8
-25°	298.4	272.2	244.9	209.2	169.8	135.6	106.3	78.6	55.8	37.7	24.1
-27.5°	285.9	262.3	235.0	195.6	158.9	127.2	99.3	73.4	51.6	34.6	22.2
-30°	274.9	250.8	220.1	181.2	147.1	118.4	91.7	67.8	47.8	31.8	20.1
-32.5°	262.6	238.6	202.7	167.4	136.1	108.9	83.6	61.8	43.7	29.3	18.6
-35°	248.1	220.5	184.2	152.8	124.8	99.3	75.5	55.4	39.3	26.6	17.3
-37.5°	232.3	199.0	167.5	138.4	112.8	89.2	68.0	49.6	34.7	23.7	15.8
-40°	208.8	178.3	149.9	124.5	100.9	78.6	60.1	44.1	30.8	20.6	14.3
-42.5°	185.1	158.7	133.3	109.8	88.8	69.4	52.0	38.4	27.2	18.4	12.7
-45°	163.4	139.0	116.2	95.9	76.6	60.0	45.4	32.7	23.4	16.4	11.2
-47.5°	141.3	119.4	99.7	81.6	65.9	50.8	38.6	28.3	19.5	14.4	9.9
-50°	119.2	100.6	83.9	68.8	54.7	43.0	32.0	23.8	17.0	12.2	8.6
-52.5°	98.6	83.3	69.4	56.5	45.4	35.0	26.9	19.3	14.4	10.4	7.2
-55°	80.0	67.6	55.9	45.7	36.3	28.7	21.6	16.1	11.6	8.8	5.8
-57.5°	64.2	53.0	44.2	35.7	28.9	22.8	17.2	12.8	9.6	7.2	5.3
-60°	49.5	41.2	33.3	27.9	22.6	17.6	13.2	9.8	7.9	5.8	4.8
-62.5°	36.8	30.2	25.9	21.4	17.1	13.1	9.5	8.1	6.2	5.2	4.3
-65°	27.0	23.2	19.2	15.8	12.2	9.3	7.9	6.4	5.3	4.5	3.7
-67.5°	19.5	16.6	13.6	10.5	8.8	7.5	6.2	5.3	4.6	3.9	3.2
-70°	13.2	10.6	9.0	7.9	6.8	5.8	5.2	4.5	3.9	3.3	2.7
-72.5°	8.6	7.7	6.8	5.8	5.3	4.8	4.3	3.7	3.2	2.7	2.1
-75°	6.0	5.6	5.2	4.7	4.3	3.9	3.4	3.0	2.5	2.1	2.0
-77.5°	4.6	4.3	4.0	3.6	3.3	2.9	2.6	2.2	2.0	2.0	2.0
-80°	3.3	3.1	2.8	2.5	2.3	2.0	1.9	2.0	2.0	2.0	2.0
-82.5°	2.0	1.9	1.6	1.4	1.4	1.5	1.7	2.0	2.0	2.0	1.8
-85°	0.7	0.6	0.4	0.3	0.6	1.0	1.4	1.7	1.5	1.4	1.2
-87.5°	0.0	0.0	0.0	0.0	0.3	0.5	0.7	0.8	0.8	0.7	0.6
-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: P722791 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_RED-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°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
82.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
80°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
77.5°	2.0	2.0	1.7	1.3	0.9	0.4	0.0
75°	2.0	2.0	2.0	1.5	1.0	0.5	0.0
72.5°	2.0	2.0	2.0	1.8	1.2	0.6	0.0
70°	2.1	2.0	2.0	2.0	1.4	0.7	0.0
67.5°	2.5	2.0	2.0	2.0	1.5	0.8	0.0
65°	3.0	2.2	2.0	2.0	1.7	0.8	0.0
62.5°	3.4	2.6	2.0	2.0	1.8	0.9	0.0
60°	3.9	2.9	2.0	2.0	2.0	1.0	0.0
57.5°	4.3	3.3	2.3	2.0	2.0	1.1	0.0
55°	4.7	3.6	2.5	2.0	2.0	1.1	0.0
52.5°	5.2	4.0	2.8	2.0	2.0	1.2	0.0
50°	5.6	4.3	3.1	2.0	2.0	1.3	0.0
47.5°	6.1	4.6	3.3	2.0	2.0	1.4	0.0
45°	7.2	4.9	3.6	2.2	2.0	1.4	0.0
42.5°	8.2	5.2	3.8	2.4	2.0	1.5	0.0
40°	9.2	5.5	4.0	2.6	2.0	1.5	0.0
37.5°	10.2	5.8	4.2	2.7	2.0	1.6	0.0
35°	11.1	6.4	4.4	2.9	2.0	1.6	0.0
32.5°	12.0	7.1	4.6	3.0	2.0	1.7	0.0
30°	13.1	7.8	4.8	3.1	2.0	1.7	0.0
27.5°	14.1	8.4	5.0	3.3	2.0	1.8	0.0
25°	15.1	8.9	5.1	3.4	2.0	1.8	0.0
22.5°	15.9	9.5	5.3	3.5	2.0	1.8	0.0
20°	16.7	9.9	5.4	3.6	2.0	1.9	0.0
17.5°	17.4	10.3	5.5	3.6	2.0	1.9	0.0
15°	17.9	10.7	5.6	3.7	2.0	1.9	0.0
12.5°	18.5	11.0	5.7	3.8	2.0	2.0	0.0
10°	18.9	11.3	5.8	3.8	2.0	2.0	0.0
7.5°	19.2	11.4	5.8	3.9	2.0	2.0	0.0
5°	19.4	11.6	5.9	3.9	2.0	2.0	0.0
2.5°	19.6	11.7	5.9	3.9	2.0	2.0	0.0
0°	19.6	11.7	5.9	3.9	2.0	2.0	0.0
-2.5°	19.6	11.7	5.9	3.9	2.0	2.0	0.0
-5°	19.4	11.6	5.9	3.9	2.0	2.0	0.0
-7.5°	19.2	11.4	5.8	3.9	2.0	2.0	0.0
-10°	18.9	11.3	5.8	3.8	2.0	2.0	0.0
-12.5°	18.5	11.0	5.7	3.8	2.0	2.0	0.0
-15°	17.9	10.7	5.6	3.7	2.0	1.9	0.0
-17.5°	17.4	10.3	5.5	3.6	2.0	1.9	0.0
-20°	16.7	9.9	5.4	3.6	2.0	1.9	0.0



REPORT NUMBER: P722791 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15.9	9.5	5.3	3.5	2.0	1.8	0.0
-25°	15.1	8.9	5.1	3.4	2.0	1.8	0.0
-27.5°	14.1	8.4	5.0	3.3	2.0	1.8	0.0
-30°	13.1	7.8	4.8	3.1	2.0	1.7	0.0
-32.5°	12.0	7.1	4.6	3.0	2.0	1.7	0.0
-35°	11.1	6.4	4.4	2.9	2.0	1.6	0.0
-37.5°	10.2	5.8	4.2	2.7	2.0	1.6	0.0
-40°	9.2	5.5	4.0	2.6	2.0	1.5	0.0
-42.5°	8.2	5.2	3.8	2.4	2.0	1.5	0.0
-45°	7.2	4.9	3.6	2.2	2.0	1.4	0.0
-47.5°	6.1	4.6	3.3	2.0	2.0	1.4	0.0
-50°	5.6	4.3	3.1	2.0	2.0	1.3	0.0
-52.5°	5.2	4.0	2.8	2.0	2.0	1.2	0.0
-55°	4.7	3.6	2.5	2.0	2.0	1.1	0.0
-57.5°	4.3	3.3	2.3	2.0	2.0	1.1	0.0
-60°	3.9	2.9	2.0	2.0	2.0	1.0	0.0
-62.5°	3.4	2.6	2.0	2.0	1.8	0.9	0.0
-65°	3.0	2.2	2.0	2.0	1.7	0.8	0.0
-67.5°	2.5	2.0	2.0	2.0	1.5	0.8	0.0
-70°	2.1	2.0	2.0	2.0	1.4	0.7	0.0
-72.5°	2.0	2.0	2.0	1.8	1.2	0.6	0.0
-75°	2.0	2.0	2.0	1.5	1.0	0.5	0.0
-77.5°	2.0	2.0	1.7	1.3	0.9	0.4	0.0
-80°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
-82.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
-85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
-87.5°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)