

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: P722780 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-16-720PL-RGB-2S_ALL-ON**

Issue Date: 11/1/2023

Test Information

Test Method: LM-79-08
Report Number: P722780 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2308-140-12)
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_ALL-ON
Description: LUMASPORT 16 PRISM RGB
Light Source: -
Ballast/Driver: -

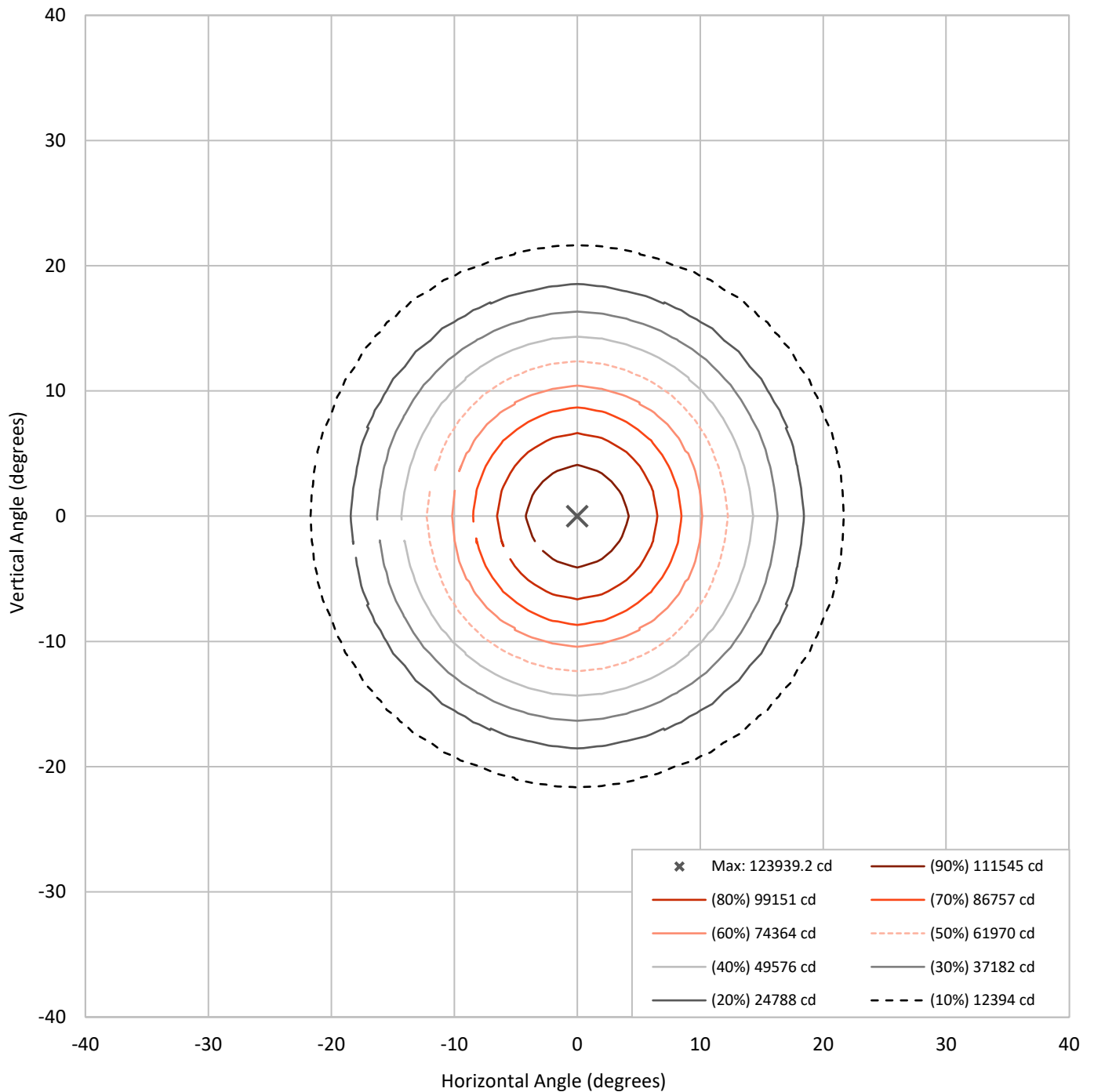
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	27644.8 lumens	Max Intensity:	123939.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	38.0 lumens/watt		
Luminous Opening:	Circular (Dia: 1.67' x H: 0')		
Beam Angle (50%):	24.5°H x 24.7°V	Field Angle (10%):	43.4°H x 43.3°V
Beam Lumens:	12550.4 lumens	Field Lumens:	22117.5 lumens
Beam Efficiency:	45.4%	Field Efficiency:	80.0%
Input Watts (W):	727.2		
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: P722780 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-LS-16-720PL-RGB-2S_ALL-ON

Iso-Candela Plot





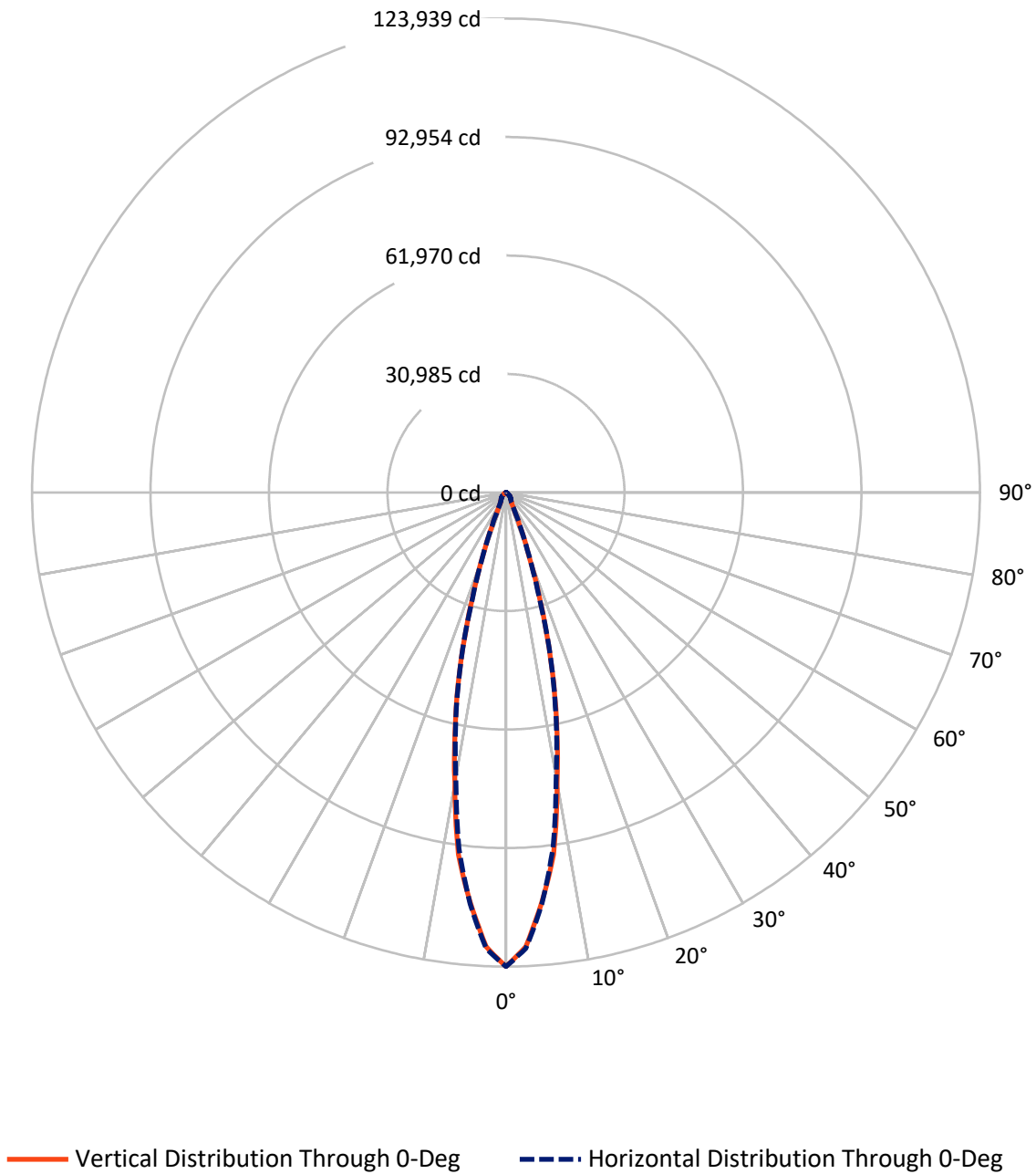
REPORT NUMBER: P722780 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2S_ALL-ON

Lumen Table

90	0.1	0.6	1.7	3.6	4.5	3.6	1.7	0.6	0.1										
80																			
70																			
60	0.3	0.3	0.8	2.1	3.9	5.9	7.6	8.5	8.5	7.6	5.9	3.9	2.1	0.8	0.3				0.3
50		0.6	2.3	5.5	9.6	14.0	17.1	18.8	18.8	17.1	14.0	9.6	5.5	2.3	0.6				
40	0.5	1.3	4.5	9.9	16.1	25.3	36.4	42.3	42.3	36.4	25.3	16.1	9.9	4.5	1.3				0.5
30		2.1	6.8	13.9	28.4	46.5	58.9	66.8	66.8	58.9	46.5	28.4	13.9	6.8	2.1				
20	1.0	2.8	8.9	19.8	41.9	61.9	101.6	187.3	187.3	101.6	61.9	41.9	19.8	8.9	2.8				1.0
10		3.4	10.2	26.9	49.9	96.5	458.5	1193.3	1193.3	458.5	96.5	49.9	26.9	10.2	3.4				
0	1.2	3.7	10.9	30.3	55.0	176.9	1149.5	2755.3	2755.3	1149.5	176.9	55.0	30.3	10.9	3.7				1.2
-10		3.7	10.9	30.3	55.0	176.9	1149.5	2755.3	2755.3	1149.5	176.9	55.0	30.3	10.9	3.7				
-20	1.0	3.4	10.2	26.9	49.9	96.5	458.5	1193.3	1193.3	458.5	96.5	49.9	26.9	10.2	3.4				1.0
-30		2.8	8.9	19.8	41.9	61.9	101.6	187.3	187.3	101.6	61.9	41.9	19.8	8.9	2.8				
-40	0.5	2.1	6.8	13.9	28.4	46.5	58.9	66.8	66.8	58.9	46.5	28.4	13.9	6.8	2.1				0.5
-50		1.3	4.5	9.9	16.1	25.3	36.4	42.3	42.3	36.4	25.3	16.1	9.9	4.5	1.3				
-60	0.3	0.6	2.3	5.5	9.6	14.0	17.1	18.8	18.8	17.1	14.0	9.6	5.5	2.3	0.6				0.3
-70		0.3	0.8	2.1	3.9	5.9	7.6	8.5	8.5	7.6	5.9	3.9	2.1	0.8	0.3				
-80	0.1	0.6	1.7	3.6	4.5	3.6	1.7	0.6	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

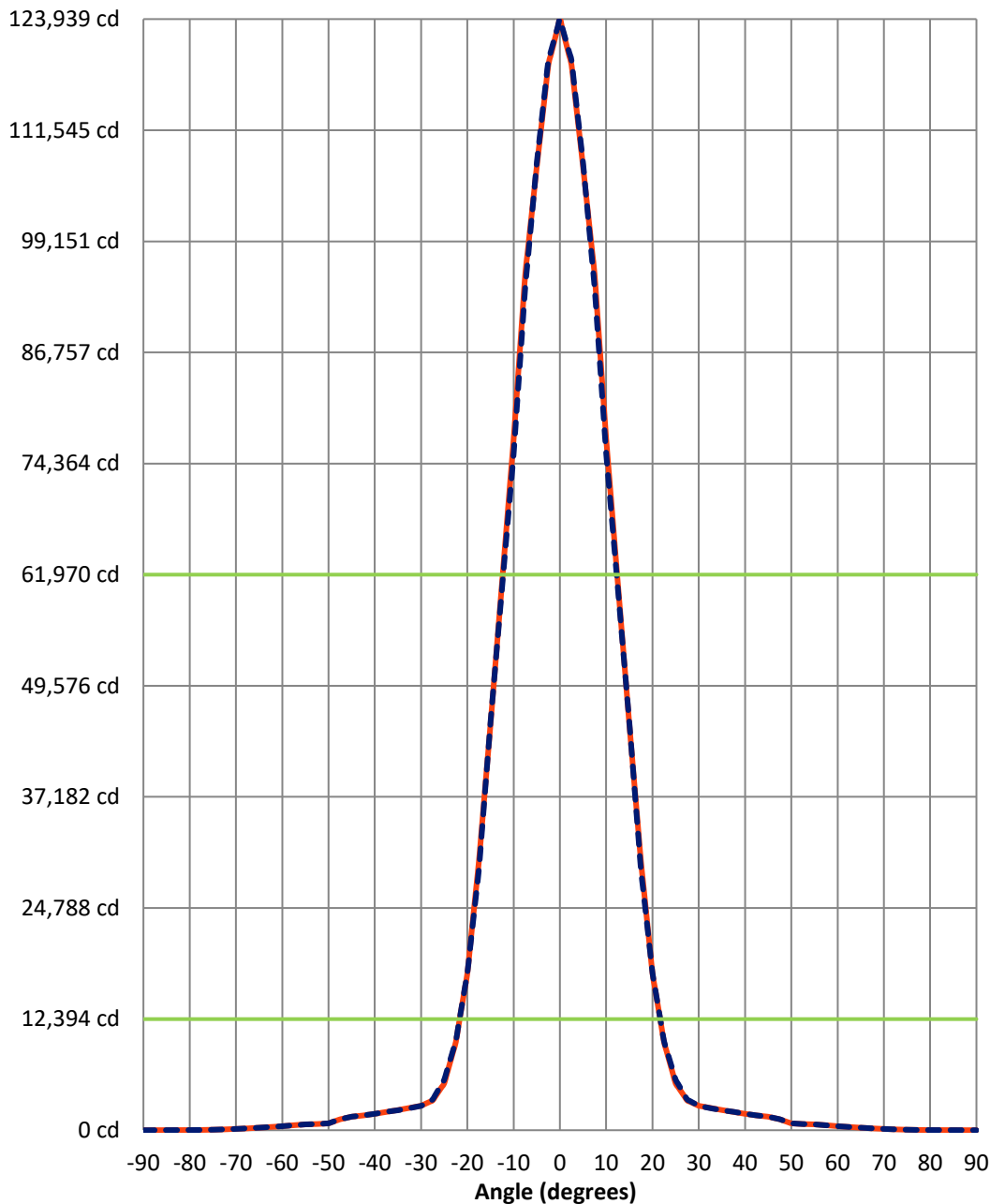
REPORT NUMBER: P722780 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-16-720PL-RGB-2S_ALL-ON

Luminous Intensity Polar Plot



REPORT NUMBER: P722780 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2S_ALL-ON

Luminous Intensity Plot



Beam:
 H Angle: 24.5°
 V Angle: 24.7°
 Lumens: 12550.4
 Efficiency: 45.4%

Field:
 H Angle: 43.4°
 V Angle: 43.3°
 Lumens: 22117.5
 Efficiency: 80.0%

Spill:
 Lumens: 5527.3
 Efficiency: 20.0%

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



REPORT NUMBER: P722780 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2S_ALL-ON

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	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.1	2.4	2.6
85°	0.0	0.5	1.1	1.6	2.2	2.7	3.2	3.7	4.2	4.7	5.2
82.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.3	6.7	7.2
80°	0.0	1.1	2.2	3.2	4.3	5.3	6.3	6.9	7.5	8.1	8.7
77.5°	0.0	1.3	2.7	4.0	5.3	6.5	7.3	8.0	8.8	9.5	10.3
75°	0.0	1.6	3.2	4.8	6.3	7.3	8.2	9.1	10.0	10.9	11.8
72.5°	0.0	1.9	3.7	5.6	6.9	8.0	9.1	10.2	11.3	12.3	13.4
70°	0.0	2.1	4.2	6.3	7.5	8.8	10.0	11.3	12.5	13.7	15.3
67.5°	0.0	2.4	4.7	6.7	8.1	9.5	10.9	12.3	13.7	15.7	17.4
65°	0.0	2.6	5.2	7.2	8.7	10.3	11.8	13.4	15.6	17.7	19.8
62.5°	0.0	2.9	5.7	7.6	9.3	11.0	12.7	14.9	17.4	19.8	23.1
60°	0.0	3.1	6.2	8.0	9.9	11.7	13.6	16.5	19.2	22.6	26.3
57.5°	0.0	3.3	6.5	8.5	10.4	12.5	14.9	18.1	21.4	25.3	33.8
55°	0.0	3.6	6.7	8.9	11.0	13.1	16.1	19.7	23.7	29.2	43.3
52.5°	0.0	3.8	7.0	9.2	11.5	13.9	17.3	21.4	25.8	37.4	52.4
50°	0.0	4.0	7.3	9.6	12.0	14.8	18.5	23.2	29.4	45.5	66.3
47.5°	0.0	4.2	7.5	10.0	12.5	15.7	19.6	24.9	36.3	53.2	80.4
45°	0.0	4.4	7.7	10.3	13.0	16.5	21.1	26.6	42.9	65.5	94.2
42.5°	0.0	4.6	8.0	10.7	13.5	17.3	22.5	30.5	49.3	77.5	109.3
40°	0.0	4.7	8.2	11.0	14.0	18.0	23.9	35.8	56.6	89.0	124.1
37.5°	0.0	4.9	8.4	11.3	14.5	18.7	25.2	40.9	66.1	100.0	138.2
35°	0.0	5.1	8.6	11.6	15.1	19.6	26.4	45.7	74.9	111.6	152.7
32.5°	0.0	5.2	8.7	11.9	15.5	20.6	28.4	50.2	83.1	122.5	167.7
30°	0.0	5.4	8.9	12.2	16.0	21.5	32.0	55.0	90.6	132.8	181.7
27.5°	0.0	5.5	9.1	12.4	16.4	22.4	35.4	61.1	98.1	142.3	194.6
25°	0.0	5.6	9.2	12.6	16.7	23.2	38.4	66.7	105.8	152.4	206.6
22.5°	0.0	5.7	9.3	12.8	17.1	23.9	41.2	71.7	112.8	162.0	219.7
20°	0.0	5.8	9.5	13.0	17.4	24.6	43.8	76.1	119.2	170.7	231.7
17.5°	0.0	5.9	9.6	13.2	17.7	25.3	46.0	80.0	124.8	178.3	242.5
15°	0.0	6.0	9.6	13.3	17.9	25.8	47.9	83.3	129.7	184.8	252.0
12.5°	0.0	6.1	9.7	13.4	18.1	26.3	49.6	86.1	133.9	190.4	260.3
10°	0.0	6.1	9.8	13.5	18.3	26.6	51.0	88.3	137.3	195.6	267.3
7.5°	0.0	6.1	9.8	13.6	18.4	26.9	52.0	90.1	139.9	200.1	272.9
5°	0.0	6.2	9.9	13.7	18.5	27.1	52.8	91.2	141.7	203.6	277.1
2.5°	0.0	6.2	9.9	13.7	18.6	27.3	53.2	91.8	142.6	206.1	279.6
0°	0.0	6.2	9.9	13.7	18.6	27.3	53.4	91.9	142.8	207.4	280.7
-2.5°	0.0	6.2	9.9	13.7	18.6	27.3	53.2	91.8	142.6	206.1	279.6
-5°	0.0	6.2	9.9	13.7	18.5	27.1	52.8	91.2	141.7	203.6	277.1
-7.5°	0.0	6.1	9.8	13.6	18.4	26.9	52.0	90.1	139.9	200.1	272.9
-10°	0.0	6.1	9.8	13.5	18.3	26.6	51.0	88.3	137.3	195.6	267.3
-12.5°	0.0	6.1	9.7	13.4	18.1	26.3	49.6	86.1	133.9	190.4	260.3
-15°	0.0	6.0	9.6	13.3	17.9	25.8	47.9	83.3	129.7	184.8	252.0
-17.5°	0.0	5.9	9.6	13.2	17.7	25.3	46.0	80.0	124.8	178.3	242.5
-20°	0.0	5.8	9.5	13.0	17.4	24.6	43.8	76.1	119.2	170.7	231.7



REPORT NUMBER: P722780 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2S_ALL-ON

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.7	9.3	12.8	17.1	23.9	41.2	71.7	112.8	162.0	219.7
-25°	0.0	5.6	9.2	12.6	16.7	23.2	38.4	66.7	105.8	152.4	206.6
-27.5°	0.0	5.5	9.1	12.4	16.4	22.4	35.4	61.1	98.1	142.3	194.6
-30°	0.0	5.4	8.9	12.2	16.0	21.5	32.0	55.0	90.6	132.8	181.7
-32.5°	0.0	5.2	8.7	11.9	15.5	20.6	28.4	50.2	83.1	122.5	167.7
-35°	0.0	5.1	8.6	11.6	15.1	19.6	26.4	45.7	74.9	111.6	152.7
-37.5°	0.0	4.9	8.4	11.3	14.5	18.7	25.2	40.9	66.1	100.0	138.2
-40°	0.0	4.7	8.2	11.0	14.0	18.0	23.9	35.8	56.6	89.0	124.1
-42.5°	0.0	4.6	8.0	10.7	13.5	17.3	22.5	30.5	49.3	77.5	109.3
-45°	0.0	4.4	7.7	10.3	13.0	16.5	21.1	26.6	42.9	65.5	94.2
-47.5°	0.0	4.2	7.5	10.0	12.5	15.7	19.6	24.9	36.3	53.2	80.4
-50°	0.0	4.0	7.3	9.6	12.0	14.8	18.5	23.2	29.4	45.5	66.3
-52.5°	0.0	3.8	7.0	9.2	11.5	13.9	17.3	21.4	25.8	37.4	52.4
-55°	0.0	3.6	6.7	8.9	11.0	13.1	16.1	19.7	23.7	29.2	43.3
-57.5°	0.0	3.3	6.5	8.5	10.4	12.5	14.9	18.1	21.4	25.3	33.8
-60°	0.0	3.1	6.2	8.0	9.9	11.7	13.6	16.5	19.2	22.6	26.3
-62.5°	0.0	2.9	5.7	7.6	9.3	11.0	12.7	14.9	17.4	19.8	23.1
-65°	0.0	2.6	5.2	7.2	8.7	10.3	11.8	13.4	15.6	17.7	19.8
-67.5°	0.0	2.4	4.7	6.7	8.1	9.5	10.9	12.3	13.7	15.7	17.4
-70°	0.0	2.1	4.2	6.3	7.5	8.8	10.0	11.3	12.5	13.7	15.3
-72.5°	0.0	1.9	3.7	5.6	6.9	8.0	9.1	10.2	11.3	12.3	13.4
-75°	0.0	1.6	3.2	4.8	6.3	7.3	8.2	9.1	10.0	10.9	11.8
-77.5°	0.0	1.3	2.7	4.0	5.3	6.5	7.3	8.0	8.8	9.5	10.3
-80°	0.0	1.1	2.2	3.2	4.3	5.3	6.3	6.9	7.5	8.1	8.7
-82.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.3	6.7	7.2
-85°	0.0	0.5	1.1	1.6	2.2	2.7	3.2	3.7	4.2	4.7	5.2
-87.5°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.1	2.4	2.6
-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: P722780 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2S_ALL-ON

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°	2.9	3.1	3.3	3.6	3.8	4.0	4.2	4.4	4.6	4.7	4.9
85°	5.7	6.2	6.5	6.7	7.0	7.3	7.5	7.7	8.0	8.2	8.4
82.5°	7.6	8.0	8.5	8.9	9.2	9.6	10.0	10.3	10.7	11.0	11.3
80°	9.3	9.9	10.4	11.0	11.5	12.0	12.5	13.0	13.5	14.1	14.7
77.5°	11.0	11.7	12.5	13.1	13.8	14.8	15.8	16.9	17.9	18.8	19.6
75°	12.7	13.6	14.7	15.7	16.9	18.2	19.7	21.7	23.4	24.9	26.3
72.5°	14.6	15.9	17.2	18.5	20.9	23.4	25.7	27.8	31.7	36.7	41.5
70°	16.8	18.3	20.8	23.7	26.7	30.6	37.1	43.4	49.5	56.6	65.8
67.5°	19.2	22.4	25.6	30.1	38.2	45.9	53.2	65.1	76.8	87.7	98.5
65°	23.0	26.6	34.3	43.6	52.5	65.7	79.4	93.0	108.9	123.6	137.6
62.5°	26.6	36.3	46.9	59.1	74.5	89.8	107.9	126.5	144.3	163.8	182.6
60°	36.2	48.0	62.9	80.2	97.8	118.8	139.7	163.0	186.1	208.0	233.0
57.5°	46.8	62.9	82.3	102.7	125.7	149.3	176.9	203.2	232.2	261.2	289.0
55°	59.3	80.7	103.1	128.1	155.1	185.5	216.2	249.5	282.1	317.8	351.3
52.5°	75.5	98.9	126.0	155.0	188.2	223.0	259.8	297.9	337.8	376.7	414.8
50°	91.3	119.5	149.2	185.0	222.7	263.2	305.6	349.7	393.9	437.0	481.8
47.5°	108.8	139.5	176.0	215.4	259.5	305.4	353.3	402.7	450.8	502.4	553.6
45°	126.5	162.2	202.1	248.8	297.1	348.5	402.1	455.8	512.5	567.4	616.5
42.5°	143.5	185.2	231.1	281.3	335.8	392.1	450.1	512.1	571.5	626.3	661.7
40°	163.2	207.4	259.6	315.3	373.6	435.3	501.0	566.1	626.4	664.7	688.7
37.5°	182.3	232.1	287.3	347.8	412.0	479.6	550.8	616.0	662.8	690.1	742.1
35°	200.5	255.4	315.6	380.5	448.9	524.4	595.8	655.6	685.5	738.4	871.6
32.5°	219.2	277.1	342.4	413.1	488.3	566.2	638.5	675.9	723.2	819.5	1125.8
30°	237.7	299.8	368.4	444.2	525.7	603.2	661.7	699.4	764.3	1048.6	1323.2
27.5°	254.9	321.1	395.1	475.6	560.0	637.5	677.6	735.2	921.8	1249.7	1485.5
25°	271.0	340.8	420.1	505.4	589.2	655.9	696.7	769.8	1112.7	1392.0	1572.0
22.5°	286.6	358.7	442.6	532.6	615.7	667.9	726.8	919.3	1275.2	1522.1	1636.1
20°	301.4	377.3	463.9	556.7	639.4	678.4	755.6	1080.5	1395.3	1581.5	1701.3
17.5°	314.3	393.7	483.8	576.4	651.2	695.0	800.4	1231.3	1503.2	1630.0	1759.3
15°	325.5	407.8	501.2	593.8	659.9	716.6	916.9	1323.6	1567.5	1670.8	1807.0
12.5°	334.9	419.7	516.2	608.7	667.4	734.4	1013.0	1383.8	1592.2	1708.9	1858.6
10°	342.5	429.2	528.6	621.0	673.8	748.4	1089.4	1432.1	1610.6	1742.3	1910.6
7.5°	349.1	436.9	538.3	630.7	679.0	758.8	1146.1	1468.2	1626.3	1771.1	1960.2
5°	354.1	442.6	544.7	639.1	683.0	765.4	1185.4	1491.7	1638.3	1794.2	2002.0
2.5°	357.4	446.0	548.3	645.1	685.6	768.1	1214.4	1506.9	1647.2	1815.6	2034.1
0°	358.9	447.1	548.9	648.3	686.8	767.5	1225.8	1508.9	1650.5	1831.8	2054.1
-2.5°	357.4	446.0	548.3	645.1	685.6	768.1	1214.4	1506.9	1647.2	1815.6	2034.1
-5°	354.1	442.6	544.7	639.1	683.0	765.4	1185.4	1491.7	1638.3	1794.2	2002.0
-7.5°	349.1	436.9	538.3	630.7	679.0	758.8	1146.1	1468.2	1626.3	1771.1	1960.2
-10°	342.5	429.2	528.6	621.0	673.8	748.4	1089.4	1432.1	1610.6	1742.3	1910.6
-12.5°	334.9	419.7	516.2	608.7	667.4	734.4	1013.0	1383.8	1592.2	1708.9	1858.6
-15°	325.5	407.8	501.2	593.8	659.9	716.6	916.9	1323.6	1567.5	1670.8	1807.0
-17.5°	314.3	393.7	483.8	576.4	651.2	695.0	800.4	1231.3	1503.2	1630.0	1759.3
-20°	301.4	377.3	463.9	556.7	639.4	678.4	755.6	1080.5	1395.3	1581.5	1701.3



REPORT NUMBER: P722780 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2S_ALL-ON

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	286.6	358.7	442.6	532.6	615.7	667.9	726.8	919.3	1275.2	1522.1	1636.1
-25°	271.0	340.8	420.1	505.4	589.2	655.9	696.7	769.8	1112.7	1392.0	1572.0
-27.5°	254.9	321.1	395.1	475.6	560.0	637.5	677.6	735.2	921.8	1249.7	1485.5
-30°	237.7	299.8	368.4	444.2	525.7	603.2	661.7	699.4	764.3	1048.6	1323.2
-32.5°	219.2	277.1	342.4	413.1	488.3	566.2	638.5	675.9	723.2	819.5	1125.8
-35°	200.5	255.4	315.6	380.5	448.9	524.4	595.8	655.6	685.5	738.4	871.6
-37.5°	182.3	232.1	287.3	347.8	412.0	479.6	550.8	616.0	662.8	690.1	742.1
-40°	163.2	207.4	259.6	315.3	373.6	435.3	501.0	566.1	626.4	664.7	688.7
-42.5°	143.5	185.2	231.1	281.3	335.8	392.1	450.1	512.1	571.5	626.3	661.7
-45°	126.5	162.2	202.1	248.8	297.1	348.5	402.1	455.8	512.5	567.4	616.5
-47.5°	108.8	139.5	176.0	215.4	259.5	305.4	353.3	402.7	450.8	502.4	553.6
-50°	91.3	119.5	149.2	185.0	222.7	263.2	305.6	349.7	393.9	437.0	481.8
-52.5°	75.5	98.9	126.0	155.0	188.2	223.0	259.8	297.9	337.8	376.7	414.8
-55°	59.3	80.7	103.1	128.1	155.1	185.5	216.2	249.5	282.1	317.8	351.3
-57.5°	46.8	62.9	82.3	102.7	125.7	149.3	176.9	203.2	232.2	261.2	289.0
-60°	36.2	48.0	62.9	80.2	97.8	118.8	139.7	163.0	186.1	208.0	233.0
-62.5°	26.6	36.3	46.9	59.1	74.5	89.8	107.9	126.5	144.3	163.8	182.6
-65°	23.0	26.6	34.3	43.6	52.5	65.7	79.4	93.0	108.9	123.6	137.6
-67.5°	19.2	22.4	25.6	30.1	38.2	45.9	53.2	65.1	76.8	87.7	98.5
-70°	16.8	18.3	20.8	23.7	26.7	30.6	37.1	43.4	49.5	56.6	65.8
-72.5°	14.6	15.9	17.2	18.5	20.9	23.4	25.7	27.8	31.7	36.7	41.5
-75°	12.7	13.6	14.7	15.7	16.9	18.2	19.7	21.7	23.4	24.9	26.3
-77.5°	11.0	11.7	12.5	13.1	13.8	14.8	15.8	16.9	17.9	18.8	19.6
-80°	9.3	9.9	10.4	11.0	11.5	12.0	12.5	13.0	13.5	14.1	14.7
-82.5°	7.6	8.0	8.5	8.9	9.2	9.6	10.0	10.3	10.7	11.0	11.3
-85°	5.7	6.2	6.5	6.7	7.0	7.3	7.5	7.7	8.0	8.2	8.4
-87.5°	2.9	3.1	3.3	3.6	3.8	4.0	4.2	4.4	4.6	4.7	4.9
-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: P722780 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2S_ALL-ON

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°	5.1	5.2	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.1
85°	8.6	8.7	8.9	9.1	9.2	9.3	9.5	9.6	9.6	9.7	9.8
82.5°	11.6	12.1	12.5	13.0	13.5	13.8	14.0	14.2	14.4	14.5	14.7
80°	15.4	16.1	16.8	17.5	18.0	18.4	18.7	19.0	19.2	19.4	19.6
77.5°	20.6	21.7	22.5	23.2	23.8	24.6	25.4	26.3	27.1	27.6	27.9
75°	27.7	29.5	32.7	35.9	39.0	41.9	44.4	46.5	48.3	49.8	51.1
72.5°	46.1	50.5	55.4	61.6	67.1	72.1	76.7	81.1	85.1	88.2	90.5
70°	74.3	82.3	89.6	97.0	105.1	112.9	120.0	126.1	131.2	135.3	138.5
67.5°	110.3	121.5	132.3	142.7	153.1	162.6	171.3	179.2	186.4	192.2	196.5
65°	151.9	167.2	181.4	194.0	205.1	218.1	230.7	241.5	250.6	258.2	264.7
62.5°	200.6	219.5	237.7	254.8	270.8	286.7	301.4	314.0	324.6	333.7	341.9
60°	256.4	278.0	301.5	323.8	344.3	363.1	380.6	396.0	409.5	421.2	431.2
57.5°	318.2	345.7	372.0	397.9	422.5	445.5	467.5	487.7	505.5	520.8	533.5
55°	383.8	415.1	444.5	477.4	509.2	537.9	563.1	583.0	600.0	614.0	626.4
52.5°	450.5	490.6	529.7	565.7	595.8	623.7	649.0	659.2	665.6	670.5	676.4
50°	527.6	570.4	607.8	643.2	662.9	676.0	687.6	701.3	717.5	730.2	743.4
47.5°	597.9	640.1	664.3	682.5	701.9	729.9	756.9	797.1	914.6	1019.1	1104.3
45°	654.7	675.5	700.0	735.4	767.7	922.5	1085.7	1234.3	1321.7	1392.1	1446.8
42.5°	682.8	721.0	762.1	931.1	1131.8	1292.0	1398.0	1490.0	1553.7	1588.7	1612.8
40°	735.7	821.8	1074.1	1283.1	1410.9	1530.8	1585.0	1634.1	1676.1	1710.6	1735.0
37.5°	874.8	1159.7	1361.4	1507.0	1583.9	1647.4	1709.1	1768.2	1818.9	1865.7	1901.0
35°	1169.6	1387.3	1553.5	1614.4	1685.9	1764.7	1843.1	1929.5	2004.7	2058.3	2108.8
32.5°	1370.0	1549.8	1625.6	1704.2	1791.8	1908.9	2014.2	2105.8	2186.3	2259.9	2323.0
30°	1531.4	1624.1	1715.7	1810.2	1948.8	2071.3	2181.0	2285.6	2382.5	2472.4	2562.1
27.5°	1606.1	1710.4	1819.0	1968.0	2097.9	2220.4	2343.4	2476.2	2605.5	2729.9	2883.8
25°	1682.5	1800.2	1959.5	2101.8	2230.7	2348.9	2520.4	2685.8	2923.2	3277.6	3705.0
22.5°	1762.1	1915.7	2077.9	2216.0	2359.1	2535.6	2763.4	3124.5	3745.9	4663.5	5945.9
20°	1844.3	2023.4	2174.3	2336.7	2519.8	2757.0	3223.5	4091.7	5530.4	7817.5	10328.0
17.5°	1928.3	2106.4	2272.3	2457.4	2679.5	3163.1	4118.9	6004.3	8869.5	12742.0	16686.9
15°	1994.5	2175.2	2366.5	2588.8	2924.8	3772.2	5674.4	8896.6	13633.1	19267.6	26548.7
12.5°	2047.8	2241.5	2446.9	2704.3	3293.7	4875.3	7867.2	12704.2	19286.3	28671.3	38997.2
10°	2100.4	2297.2	2534.5	2869.2	3792.7	6165.7	10370.2	16840.3	26436.2	38825.1	50260.7
7.5°	2152.6	2354.9	2612.2	3054.3	4413.8	7631.0	13158.3	21287.1	33795.5	47297.5	60614.3
5°	2189.9	2403.0	2667.3	3208.7	5001.9	8843.3	15453.8	25259.3	39918.1	54138.0	68867.4
2.5°	2213.4	2438.2	2698.8	3351.8	5408.0	9620.5	16927.4	27809.8	43397.3	58409.2	73865.4
0°	2224.3	2457.7	2717.3	3428.3	5639.5	9921.6	17542.0	29098.0	45500.0	60523.4	75450.0
-2.5°	2213.4	2438.2	2698.8	3351.8	5408.0	9620.5	16927.4	27809.8	43397.3	58409.2	73865.4
-5°	2189.9	2403.0	2667.3	3208.7	5001.9	8843.3	15453.8	25259.3	39918.1	54138.0	68867.4
-7.5°	2152.6	2354.9	2612.2	3054.3	4413.8	7631.0	13158.3	21287.1	33795.5	47297.5	60614.3
-10°	2100.4	2297.2	2534.5	2869.2	3792.7	6165.7	10370.2	16840.3	26436.2	38825.1	50260.7
-12.5°	2047.8	2241.5	2446.9	2704.3	3293.7	4875.3	7867.2	12704.2	19286.3	28671.3	38997.2
-15°	1994.5	2175.2	2366.5	2588.8	2924.8	3772.2	5674.4	8896.6	13633.1	19267.6	26548.7
-17.5°	1928.3	2106.4	2272.3	2457.4	2679.5	3163.1	4118.9	6004.3	8869.5	12742.0	16686.9
-20°	1844.3	2023.4	2174.3	2336.7	2519.8	2757.0	3223.5	4091.7	5530.4	7817.5	10328.0



REPORT NUMBER: P722780 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2S_ALL-ON

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1762.1	1915.7	2077.9	2216.0	2359.1	2535.6	2763.4	3124.5	3745.9	4663.5	5945.9
-25°	1682.5	1800.2	1959.5	2101.8	2230.7	2348.9	2520.4	2685.8	2923.2	3277.6	3705.0
-27.5°	1606.1	1710.4	1819.0	1968.0	2097.9	2220.4	2343.4	2476.2	2605.5	2729.9	2883.8
-30°	1531.4	1624.1	1715.7	1810.2	1948.8	2071.3	2181.0	2285.6	2382.5	2472.4	2562.1
-32.5°	1370.0	1549.8	1625.6	1704.2	1791.8	1908.9	2014.2	2105.8	2186.3	2259.9	2323.0
-35°	1169.6	1387.3	1553.5	1614.4	1685.9	1764.7	1843.1	1929.5	2004.7	2058.3	2108.8
-37.5°	874.8	1159.7	1361.4	1507.0	1583.9	1647.4	1709.1	1768.2	1818.9	1865.7	1901.0
-40°	735.7	821.8	1074.1	1283.1	1410.9	1530.8	1585.0	1634.1	1676.1	1710.6	1735.0
-42.5°	682.8	721.0	762.1	931.1	1131.8	1292.0	1398.0	1490.0	1553.7	1588.7	1612.8
-45°	654.7	675.5	700.0	735.4	767.7	922.5	1085.7	1234.3	1321.7	1392.1	1446.8
-47.5°	597.9	640.1	664.3	682.5	701.9	729.9	756.9	797.1	914.6	1019.1	1104.3
-50°	527.6	570.4	607.8	643.2	662.9	676.0	687.6	701.3	717.5	730.2	743.4
-52.5°	450.5	490.6	529.7	565.7	595.8	623.7	649.0	659.2	665.6	670.5	676.4
-55°	383.8	415.1	444.5	477.4	509.2	537.9	563.1	583.0	600.0	614.0	626.4
-57.5°	318.2	345.7	372.0	397.9	422.5	445.5	467.5	487.7	505.5	520.8	533.5
-60°	256.4	278.0	301.5	323.8	344.3	363.1	380.6	396.0	409.5	421.2	431.2
-62.5°	200.6	219.5	237.7	254.8	270.8	286.7	301.4	314.0	324.6	333.7	341.9
-65°	151.9	167.2	181.4	194.0	205.1	218.1	230.7	241.5	250.6	258.2	264.7
-67.5°	110.3	121.5	132.3	142.7	153.1	162.6	171.3	179.2	186.4	192.2	196.5
-70°	74.3	82.3	89.6	97.0	105.1	112.9	120.0	126.1	131.2	135.3	138.5
-72.5°	46.1	50.5	55.4	61.6	67.1	72.1	76.7	81.1	85.1	88.2	90.5
-75°	27.7	29.5	32.7	35.9	39.0	41.9	44.4	46.5	48.3	49.8	51.1
-77.5°	20.6	21.7	22.5	23.2	23.8	24.6	25.4	26.3	27.1	27.6	27.9
-80°	15.4	16.1	16.8	17.5	18.0	18.4	18.7	19.0	19.2	19.4	19.6
-82.5°	11.6	12.1	12.5	13.0	13.5	13.8	14.0	14.2	14.4	14.5	14.7
-85°	8.6	8.7	8.9	9.1	9.2	9.3	9.5	9.6	9.6	9.7	9.8
-87.5°	5.1	5.2	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.1
-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: P722780 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2S_ALL-ON

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°	6.1	6.2	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.0	5.9
85°	9.8	9.9	9.9	9.9	9.9	9.9	9.8	9.8	9.7	9.6	9.6
82.5°	14.8	14.8	14.9	14.9	14.9	14.8	14.8	14.7	14.5	14.4	14.2
80°	19.7	19.8	19.9	19.9	19.9	19.8	19.7	19.6	19.4	19.2	19.0
77.5°	28.2	28.4	28.6	28.6	28.6	28.4	28.2	27.9	27.6	27.1	26.3
75°	52.1	52.8	53.8	54.6	53.8	52.8	52.1	51.1	49.8	48.3	46.5
72.5°	92.2	93.3	92.4	90.7	92.4	93.3	92.2	90.5	88.2	85.1	81.1
70°	140.9	142.6	144.2	145.3	144.2	142.6	140.9	138.5	135.3	131.2	126.1
67.5°	199.6	201.6	203.2	203.7	203.2	201.6	199.6	196.5	192.2	186.4	179.2
65°	269.9	273.9	276.7	278.2	276.7	273.9	269.9	264.7	258.2	250.6	241.5
62.5°	348.3	352.8	357.1	360.2	357.1	352.8	348.3	341.9	333.7	324.6	314.0
60°	438.7	443.9	447.2	448.3	447.2	443.9	438.7	431.2	421.2	409.5	396.0
57.5°	543.4	550.5	555.4	557.6	555.4	550.5	543.4	533.5	520.8	505.5	487.7
55°	636.4	643.7	649.5	653.2	649.5	643.7	636.4	626.4	614.0	600.0	583.0
52.5°	681.8	686.2	688.7	689.3	688.7	686.2	681.8	676.4	670.5	665.6	659.2
50°	756.1	766.3	767.9	761.3	767.9	766.3	756.1	743.4	730.2	717.5	701.3
47.5°	1163.3	1200.0	1216.8	1215.8	1216.8	1200.0	1163.3	1104.3	1019.1	914.6	797.1
45°	1476.6	1494.4	1503.4	1505.2	1503.4	1494.4	1476.6	1446.8	1392.1	1321.7	1234.3
42.5°	1627.8	1641.2	1648.6	1645.5	1648.6	1641.2	1627.8	1612.8	1588.7	1553.7	1490.0
40°	1761.2	1782.3	1801.9	1828.1	1801.9	1782.3	1761.2	1735.0	1710.6	1676.1	1634.1
37.5°	1943.4	1986.2	2019.5	2038.0	2019.5	1986.2	1943.4	1901.0	1865.7	1818.9	1768.2
35°	2161.8	2209.8	2241.3	2250.3	2241.3	2209.8	2161.8	2108.8	2058.3	2004.7	1929.5
32.5°	2375.1	2426.7	2464.9	2487.6	2464.9	2426.7	2375.1	2323.0	2259.9	2186.3	2105.8
30°	2637.2	2689.3	2714.0	2726.0	2714.0	2689.3	2637.2	2562.1	2472.4	2382.5	2285.6
27.5°	3054.4	3185.7	3298.8	3318.4	3298.8	3185.7	3054.4	2883.8	2729.9	2605.5	2476.2
25°	4162.6	4705.1	5079.9	5224.7	5079.9	4705.1	4162.6	3705.0	3277.6	2923.2	2685.8
22.5°	7287.0	8487.6	9514.6	9816.1	9514.6	8487.6	7287.0	5945.9	4663.5	3745.9	3124.5
20°	12813.2	14976.3	16854.1	17503.5	16854.1	14976.3	12813.2	10328.0	7817.5	5530.4	4091.7
17.5°	21030.7	25491.3	28573.7	30012.7	28573.7	25491.3	21030.7	16686.9	12742.0	8869.5	6004.3
15°	34054.1	40143.7	44350.1	45262.8	44350.1	40143.7	34054.1	26548.7	19267.6	13633.1	8896.6
12.5°	47964.2	55097.8	59744.5	61114.0	59744.5	55097.8	47964.2	38997.2	28671.3	19286.3	12704.2
10°	61076.7	69390.6	74980.4	77104.2	74980.4	69390.6	61076.7	50260.7	38825.1	26436.2	16840.3
7.5°	72670.3	83954.2	92060.2	95440.5	92060.2	83954.2	72670.3	60614.3	47297.5	33795.5	21287.1
5°	83806.4	97587.1	105268.4	107475.2	105268.4	97587.1	83806.4	68867.4	54138.0	39918.1	25259.3
2.5°	91134.6	105221.3	114539.3	118851.8	114539.3	105221.3	91134.6	73865.4	58409.2	43397.3	27809.8
0°	93957.0	107903.7	119336.1	123939.2	119336.1	107903.7	93957.0	75450.0	60523.4	45500.0	29098.0
-2.5°	91134.6	105221.3	114539.3	118851.7	114539.3	105221.3	91134.6	73865.4	58409.2	43397.3	27809.8
-5°	83806.4	97587.1	105268.4	107475.2	105268.4	97587.1	83806.4	68867.4	54138.0	39918.1	25259.3
-7.5°	72670.3	83954.2	92060.2	95440.4	92060.2	83954.2	72670.3	60614.3	47297.5	33795.5	21287.1
-10°	61076.7	69390.6	74980.4	77104.2	74980.4	69390.6	61076.7	50260.7	38825.1	26436.2	16840.3
-12.5°	47964.2	55097.8	59744.5	61114.0	59744.5	55097.8	47964.2	38997.2	28671.3	19286.3	12704.2
-15°	34054.1	40143.7	44350.1	45262.8	44350.1	40143.7	34054.1	26548.7	19267.6	13633.1	8896.6
-17.5°	21030.7	25491.3	28573.7	30012.7	28573.7	25491.3	21030.7	16686.9	12742.0	8869.5	6004.3
-20°	12813.2	14976.3	16854.1	17503.5	16854.1	14976.3	12813.2	10328.0	7817.5	5530.4	4091.7



REPORT NUMBER: P722780 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7287.0	8487.6	9514.6	9816.1	9514.6	8487.6	7287.0	5945.9	4663.5	3745.9	3124.5
-25°	4162.6	4705.1	5079.9	5224.7	5079.9	4705.1	4162.6	3705.0	3277.6	2923.2	2685.8
-27.5°	3054.4	3185.7	3298.8	3318.4	3298.8	3185.7	3054.4	2883.8	2729.9	2605.5	2476.2
-30°	2637.2	2689.3	2714.0	2726.0	2714.0	2689.3	2637.2	2562.1	2472.4	2382.5	2285.6
-32.5°	2375.1	2426.7	2464.9	2487.6	2464.9	2426.7	2375.1	2323.0	2259.9	2186.3	2105.8
-35°	2161.8	2209.8	2241.3	2250.3	2241.3	2209.8	2161.8	2108.8	2058.3	2004.7	1929.5
-37.5°	1943.4	1986.2	2019.5	2038.0	2019.5	1986.2	1943.4	1901.0	1865.7	1818.9	1768.2
-40°	1761.2	1782.3	1801.9	1828.1	1801.9	1782.3	1761.2	1735.0	1710.6	1676.1	1634.1
-42.5°	1627.8	1641.2	1648.6	1645.5	1648.6	1641.2	1627.8	1612.8	1588.7	1553.7	1490.0
-45°	1476.6	1494.4	1503.4	1505.2	1503.4	1494.4	1476.6	1446.8	1392.1	1321.7	1234.3
-47.5°	1163.3	1200.0	1216.8	1215.8	1216.8	1200.0	1163.3	1104.3	1019.1	914.6	797.1
-50°	756.1	766.3	767.9	761.3	767.9	766.3	756.1	743.4	730.2	717.5	701.3
-52.5°	681.8	686.2	688.7	689.3	688.7	686.2	681.8	676.4	670.5	665.6	659.2
-55°	636.4	643.7	649.5	653.2	649.5	643.7	636.4	626.4	614.0	600.0	583.0
-57.5°	543.4	550.5	555.4	557.6	555.4	550.5	543.4	533.5	520.8	505.5	487.7
-60°	438.7	443.9	447.2	448.3	447.2	443.9	438.7	431.2	421.2	409.5	396.0
-62.5°	348.3	352.8	357.1	360.2	357.1	352.8	348.3	341.9	333.7	324.6	314.0
-65°	269.9	273.9	276.7	278.2	276.7	273.9	269.9	264.7	258.2	250.6	241.5
-67.5°	199.6	201.6	203.2	203.7	203.2	201.6	199.6	196.5	192.2	186.4	179.2
-70°	140.9	142.6	144.2	145.3	144.2	142.6	140.9	138.5	135.3	131.2	126.1
-72.5°	92.2	93.3	92.4	90.7	92.4	93.3	92.2	90.5	88.2	85.1	81.1
-75°	52.1	52.8	53.8	54.6	53.8	52.8	52.1	51.1	49.8	48.3	46.5
-77.5°	28.2	28.4	28.6	28.6	28.6	28.4	28.2	27.9	27.6	27.1	26.3
-80°	19.7	19.8	19.9	19.9	19.9	19.8	19.7	19.6	19.4	19.2	19.0
-82.5°	14.8	14.8	14.9	14.9	14.9	14.8	14.8	14.7	14.5	14.4	14.2
-85°	9.8	9.9	9.9	9.9	9.9	9.9	9.8	9.8	9.7	9.6	9.6
-87.5°	6.1	6.2	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.0	5.9
-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):

	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°	5.8	5.7	5.6	5.5	5.4	5.2	5.1	4.9	4.7	4.6	4.4
85°	9.5	9.3	9.2	9.1	8.9	8.7	8.6	8.4	8.2	8.0	7.7
82.5°	14.0	13.8	13.5	13.0	12.5	12.1	11.6	11.3	11.0	10.7	10.3
80°	18.7	18.4	18.0	17.5	16.8	16.1	15.4	14.7	14.1	13.5	13.0
77.5°	25.4	24.6	23.8	23.2	22.5	21.7	20.6	19.6	18.8	17.9	16.9
75°	44.4	41.9	39.0	35.9	32.7	29.5	27.7	26.3	24.9	23.4	21.7
72.5°	76.7	72.1	67.1	61.6	55.4	50.5	46.1	41.5	36.7	31.7	27.8
70°	120.0	112.9	105.1	97.0	89.6	82.3	74.3	65.8	56.6	49.5	43.4
67.5°	171.3	162.6	153.1	142.7	132.3	121.5	110.3	98.5	87.7	76.8	65.1
65°	230.7	218.1	205.1	194.0	181.4	167.2	151.9	137.6	123.6	108.9	93.0
62.5°	301.4	286.7	270.8	254.8	237.7	219.5	200.6	182.6	163.8	144.3	126.5
60°	380.6	363.1	344.3	323.8	301.5	278.0	256.4	233.0	208.0	186.1	163.0
57.5°	467.5	445.5	422.5	397.9	372.0	345.7	318.2	289.0	261.2	232.2	203.2
55°	563.1	537.9	509.2	477.4	444.5	415.1	383.8	351.3	317.8	282.1	249.5
52.5°	649.0	623.7	595.8	565.7	529.7	490.6	450.5	414.8	376.7	337.8	297.9
50°	687.6	676.0	662.9	643.2	607.8	570.4	527.6	481.8	437.0	393.9	349.7
47.5°	756.9	729.9	701.9	682.5	664.3	640.1	597.9	553.6	502.4	450.8	402.7
45°	1085.7	922.5	767.7	735.4	700.0	675.5	654.7	616.5	567.4	512.5	455.8
42.5°	1398.0	1292.0	1131.8	931.1	762.1	721.0	682.8	661.7	626.3	571.5	512.1
40°	1585.0	1530.8	1410.9	1283.1	1074.1	821.8	735.7	688.7	664.7	626.4	566.1
37.5°	1709.1	1647.4	1583.9	1507.0	1361.4	1159.7	874.8	742.1	690.1	662.8	616.0
35°	1843.1	1764.7	1685.9	1614.4	1553.5	1387.3	1169.6	871.6	738.4	685.5	655.6
32.5°	2014.2	1908.9	1791.8	1704.2	1625.6	1549.8	1370.0	1125.8	819.5	723.2	675.9
30°	2181.0	2071.3	1948.8	1810.2	1715.7	1624.1	1531.4	1323.2	1048.6	764.3	699.4
27.5°	2343.4	2220.4	2097.9	1968.0	1819.0	1710.4	1606.1	1485.5	1249.7	921.8	735.2
25°	2520.4	2348.9	2230.7	2101.8	1959.5	1800.2	1682.5	1572.0	1392.0	1112.7	769.8
22.5°	2763.4	2535.6	2359.1	2216.0	2077.9	1915.7	1762.1	1636.1	1522.1	1275.2	919.3
20°	3223.5	2757.0	2519.8	2336.7	2174.3	2023.4	1844.3	1701.3	1581.5	1395.3	1080.5
17.5°	4118.9	3163.1	2679.5	2457.4	2272.3	2106.4	1928.3	1759.3	1630.0	1503.2	1231.3
15°	5674.4	3772.2	2924.8	2588.8	2366.5	2175.2	1994.5	1807.0	1670.8	1567.5	1323.6
12.5°	7867.2	4875.3	3293.7	2704.3	2446.9	2241.5	2047.8	1858.6	1708.9	1592.2	1383.8
10°	10370.2	6165.7	3792.7	2869.2	2534.5	2297.2	2100.4	1910.6	1742.3	1610.6	1432.1
7.5°	13158.3	7631.0	4413.8	3054.3	2612.2	2354.9	2152.6	1960.2	1771.1	1626.3	1468.2
5°	15453.8	8843.3	5001.9	3208.7	2667.3	2403.0	2189.9	2002.0	1794.2	1638.3	1491.7
2.5°	16927.4	9620.5	5408.0	3351.8	2698.8	2438.2	2213.4	2034.1	1815.6	1647.2	1506.9
0°	17542.0	9921.6	5639.5	3428.3	2717.3	2457.7	2224.3	2054.1	1831.8	1650.5	1508.9
-2.5°	16927.4	9620.5	5408.0	3351.8	2698.8	2438.2	2213.4	2034.1	1815.6	1647.2	1506.9
-5°	15453.8	8843.3	5001.9	3208.7	2667.3	2403.0	2189.9	2002.0	1794.2	1638.3	1491.7
-7.5°	13158.3	7631.0	4413.8	3054.3	2612.2	2354.9	2152.6	1960.2	1771.1	1626.3	1468.2
-10°	10370.2	6165.7	3792.7	2869.2	2534.5	2297.2	2100.4	1910.6	1742.3	1610.6	1432.1
-12.5°	7867.2	4875.3	3293.7	2704.3	2446.9	2241.5	2047.8	1858.6	1708.9	1592.2	1383.8
-15°	5674.4	3772.2	2924.8	2588.8	2366.5	2175.2	1994.5	1807.0	1670.8	1567.5	1323.6
-17.5°	4118.9	3163.1	2679.5	2457.4	2272.3	2106.4	1928.3	1759.3	1630.0	1503.2	1231.3
-20°	3223.5	2757.0	2519.8	2336.7	2174.3	2023.4	1844.3	1701.3	1581.5	1395.3	1080.5



REPORT NUMBER: P722780 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-2S_ALL-ON

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2763.4	2535.6	2359.1	2216.0	2077.9	1915.7	1762.1	1636.1	1522.1	1275.2	919.3
-25°	2520.4	2348.9	2230.7	2101.8	1959.5	1800.2	1682.5	1572.0	1392.0	1112.7	769.8
-27.5°	2343.4	2220.4	2097.9	1968.0	1819.0	1710.4	1606.1	1485.5	1249.7	921.8	735.2
-30°	2181.0	2071.3	1948.8	1810.2	1715.7	1624.1	1531.4	1323.2	1048.6	764.3	699.4
-32.5°	2014.2	1908.9	1791.8	1704.2	1625.6	1549.8	1370.0	1125.8	819.5	723.2	675.9
-35°	1843.1	1764.7	1685.9	1614.4	1553.5	1387.3	1169.6	871.6	738.4	685.5	655.6
-37.5°	1709.1	1647.4	1583.9	1507.0	1361.4	1159.7	874.8	742.1	690.1	662.8	616.0
-40°	1585.0	1530.8	1410.9	1283.1	1074.1	821.8	735.7	688.7	664.7	626.4	566.1
-42.5°	1398.0	1292.0	1131.8	931.1	762.1	721.0	682.8	661.7	626.3	571.5	512.1
-45°	1085.7	922.5	767.7	735.4	700.0	675.5	654.7	616.5	567.4	512.5	455.8
-47.5°	756.9	729.9	701.9	682.5	664.3	640.1	597.9	553.6	502.4	450.8	402.7
-50°	687.6	676.0	662.9	643.2	607.8	570.4	527.6	481.8	437.0	393.9	349.7
-52.5°	649.0	623.7	595.8	565.7	529.7	490.6	450.5	414.8	376.7	337.8	297.9
-55°	563.1	537.9	509.2	477.4	444.5	415.1	383.8	351.3	317.8	282.1	249.5
-57.5°	467.5	445.5	422.5	397.9	372.0	345.7	318.2	289.0	261.2	232.2	203.2
-60°	380.6	363.1	344.3	323.8	301.5	278.0	256.4	233.0	208.0	186.1	163.0
-62.5°	301.4	286.7	270.8	254.8	237.7	219.5	200.6	182.6	163.8	144.3	126.5
-65°	230.7	218.1	205.1	194.0	181.4	167.2	151.9	137.6	123.6	108.9	93.0
-67.5°	171.3	162.6	153.1	142.7	132.3	121.5	110.3	98.5	87.7	76.8	65.1
-70°	120.0	112.9	105.1	97.0	89.6	82.3	74.3	65.8	56.6	49.5	43.4
-72.5°	76.7	72.1	67.1	61.6	55.4	50.5	46.1	41.5	36.7	31.7	27.8
-75°	44.4	41.9	39.0	35.9	32.7	29.5	27.7	26.3	24.9	23.4	21.7
-77.5°	25.4	24.6	23.8	23.2	22.5	21.7	20.6	19.6	18.8	17.9	16.9
-80°	18.7	18.4	18.0	17.5	16.8	16.1	15.4	14.7	14.1	13.5	13.0
-82.5°	14.0	13.8	13.5	13.0	12.5	12.1	11.6	11.3	11.0	10.7	10.3
-85°	9.5	9.3	9.2	9.1	8.9	8.7	8.6	8.4	8.2	8.0	7.7
-87.5°	5.8	5.7	5.6	5.5	5.4	5.2	5.1	4.9	4.7	4.6	4.4
-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):

	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°	4.2	4.0	3.8	3.6	3.3	3.1	2.9	2.6	2.4	2.1	1.9
85°	7.5	7.3	7.0	6.7	6.5	6.2	5.7	5.2	4.7	4.2	3.7
82.5°	10.0	9.6	9.2	8.9	8.5	8.0	7.6	7.2	6.7	6.3	5.6
80°	12.5	12.0	11.5	11.0	10.4	9.9	9.3	8.7	8.1	7.5	6.9
77.5°	15.8	14.8	13.8	13.1	12.5	11.7	11.0	10.3	9.5	8.8	8.0
75°	19.7	18.2	16.9	15.7	14.7	13.6	12.7	11.8	10.9	10.0	9.1
72.5°	25.7	23.4	20.9	18.5	17.2	15.9	14.6	13.4	12.3	11.3	10.2
70°	37.1	30.6	26.7	23.7	20.8	18.3	16.8	15.3	13.7	12.5	11.3
67.5°	53.2	45.9	38.2	30.1	25.6	22.4	19.2	17.4	15.7	13.7	12.3
65°	79.4	65.7	52.5	43.6	34.3	26.6	23.0	19.8	17.7	15.6	13.4
62.5°	107.9	89.8	74.5	59.1	46.9	36.3	26.6	23.1	19.8	17.4	14.9
60°	139.7	118.8	97.8	80.2	62.9	48.0	36.2	26.3	22.6	19.2	16.5
57.5°	176.9	149.3	125.7	102.7	82.3	62.9	46.8	33.8	25.3	21.4	18.1
55°	216.2	185.5	155.1	128.1	103.1	80.7	59.3	43.3	29.2	23.7	19.7
52.5°	259.8	223.0	188.2	155.0	126.0	98.9	75.5	52.4	37.4	25.8	21.4
50°	305.6	263.2	222.7	185.0	149.2	119.5	91.3	66.3	45.5	29.4	23.2
47.5°	353.3	305.4	259.5	215.4	176.0	139.5	108.8	80.4	53.2	36.3	24.9
45°	402.1	348.5	297.1	248.8	202.1	162.2	126.5	94.2	65.5	42.9	26.6
42.5°	450.1	392.1	335.8	281.3	231.1	185.2	143.5	109.3	77.5	49.3	30.5
40°	501.0	435.3	373.6	315.3	259.6	207.4	163.2	124.1	89.0	56.6	35.8
37.5°	550.8	479.6	412.0	347.8	287.3	232.1	182.3	138.2	100.0	66.1	40.9
35°	595.8	524.4	448.9	380.5	315.6	255.4	200.5	152.7	111.6	74.9	45.7
32.5°	638.5	566.2	488.3	413.1	342.4	277.1	219.2	167.7	122.5	83.1	50.2
30°	661.7	603.2	525.7	444.2	368.4	299.8	237.7	181.7	132.8	90.6	55.0
27.5°	677.6	637.5	560.0	475.6	395.1	321.1	254.9	194.6	142.3	98.1	61.1
25°	696.7	655.9	589.2	505.4	420.1	340.8	271.0	206.6	152.4	105.8	66.7
22.5°	726.8	667.9	615.7	532.6	442.6	358.7	286.6	219.7	162.0	112.8	71.7
20°	755.6	678.4	639.4	556.7	463.9	377.3	301.4	231.7	170.7	119.2	76.1
17.5°	800.4	695.0	651.2	576.4	483.8	393.7	314.3	242.5	178.3	124.8	80.0
15°	916.9	716.6	659.9	593.8	501.2	407.8	325.5	252.0	184.8	129.7	83.3
12.5°	1013.0	734.4	667.4	608.7	516.2	419.7	334.9	260.3	190.4	133.9	86.1
10°	1089.4	748.4	673.8	621.0	528.6	429.2	342.5	267.3	195.6	137.3	88.3
7.5°	1146.1	758.8	679.0	630.7	538.3	436.9	349.1	272.9	200.1	139.9	90.1
5°	1185.4	765.4	683.0	639.1	544.7	442.6	354.1	277.1	203.6	141.7	91.2
2.5°	1214.4	768.1	685.6	645.1	548.3	446.0	357.4	279.6	206.1	142.6	91.8
0°	1225.8	767.5	686.8	648.3	548.9	447.1	358.9	280.7	207.4	142.8	91.9
-2.5°	1214.4	768.1	685.6	645.1	548.3	446.0	357.4	279.6	206.1	142.6	91.8
-5°	1185.4	765.4	683.0	639.1	544.7	442.6	354.1	277.1	203.6	141.7	91.2
-7.5°	1146.1	758.8	679.0	630.7	538.3	436.9	349.1	272.9	200.1	139.9	90.1
-10°	1089.4	748.4	673.8	621.0	528.6	429.2	342.5	267.3	195.6	137.3	88.3
-12.5°	1013.0	734.4	667.4	608.7	516.2	419.7	334.9	260.3	190.4	133.9	86.1
-15°	916.9	716.6	659.9	593.8	501.2	407.8	325.5	252.0	184.8	129.7	83.3
-17.5°	800.4	695.0	651.2	576.4	483.8	393.7	314.3	242.5	178.3	124.8	80.0
-20°	755.6	678.4	639.4	556.7	463.9	377.3	301.4	231.7	170.7	119.2	76.1



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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°	726.8	667.9	615.7	532.6	442.6	358.7	286.6	219.7	162.0	112.8	71.7
-25°	696.7	655.9	589.2	505.4	420.1	340.8	271.0	206.6	152.4	105.8	66.7
-27.5°	677.6	637.5	560.0	475.6	395.1	321.1	254.9	194.6	142.3	98.1	61.1
-30°	661.7	603.2	525.7	444.2	368.4	299.8	237.7	181.7	132.8	90.6	55.0
-32.5°	638.5	566.2	488.3	413.1	342.4	277.1	219.2	167.7	122.5	83.1	50.2
-35°	595.8	524.4	448.9	380.5	315.6	255.4	200.5	152.7	111.6	74.9	45.7
-37.5°	550.8	479.6	412.0	347.8	287.3	232.1	182.3	138.2	100.0	66.1	40.9
-40°	501.0	435.3	373.6	315.3	259.6	207.4	163.2	124.1	89.0	56.6	35.8
-42.5°	450.1	392.1	335.8	281.3	231.1	185.2	143.5	109.3	77.5	49.3	30.5
-45°	402.1	348.5	297.1	248.8	202.1	162.2	126.5	94.2	65.5	42.9	26.6
-47.5°	353.3	305.4	259.5	215.4	176.0	139.5	108.8	80.4	53.2	36.3	24.9
-50°	305.6	263.2	222.7	185.0	149.2	119.5	91.3	66.3	45.5	29.4	23.2
-52.5°	259.8	223.0	188.2	155.0	126.0	98.9	75.5	52.4	37.4	25.8	21.4
-55°	216.2	185.5	155.1	128.1	103.1	80.7	59.3	43.3	29.2	23.7	19.7
-57.5°	176.9	149.3	125.7	102.7	82.3	62.9	46.8	33.8	25.3	21.4	18.1
-60°	139.7	118.8	97.8	80.2	62.9	48.0	36.2	26.3	22.6	19.2	16.5
-62.5°	107.9	89.8	74.5	59.1	46.9	36.3	26.6	23.1	19.8	17.4	14.9
-65°	79.4	65.7	52.5	43.6	34.3	26.6	23.0	19.8	17.7	15.6	13.4
-67.5°	53.2	45.9	38.2	30.1	25.6	22.4	19.2	17.4	15.7	13.7	12.3
-70°	37.1	30.6	26.7	23.7	20.8	18.3	16.8	15.3	13.7	12.5	11.3
-72.5°	25.7	23.4	20.9	18.5	17.2	15.9	14.6	13.4	12.3	11.3	10.2
-75°	19.7	18.2	16.9	15.7	14.7	13.6	12.7	11.8	10.9	10.0	9.1
-77.5°	15.8	14.8	13.8	13.1	12.5	11.7	11.0	10.3	9.5	8.8	8.0
-80°	12.5	12.0	11.5	11.0	10.4	9.9	9.3	8.7	8.1	7.5	6.9
-82.5°	10.0	9.6	9.2	8.9	8.5	8.0	7.6	7.2	6.7	6.3	5.6
-85°	7.5	7.3	7.0	6.7	6.5	6.2	5.7	5.2	4.7	4.2	3.7
-87.5°	4.2	4.0	3.8	3.6	3.3	3.1	2.9	2.6	2.4	2.1	1.9
-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°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
85°	3.2	2.7	2.2	1.6	1.1	0.5	0.0
82.5°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
80°	6.3	5.3	4.3	3.2	2.2	1.1	0.0
77.5°	7.3	6.5	5.3	4.0	2.7	1.3	0.0
75°	8.2	7.3	6.3	4.8	3.2	1.6	0.0
72.5°	9.1	8.0	6.9	5.6	3.7	1.9	0.0
70°	10.0	8.8	7.5	6.3	4.2	2.1	0.0
67.5°	10.9	9.5	8.1	6.7	4.7	2.4	0.0
65°	11.8	10.3	8.7	7.2	5.2	2.6	0.0
62.5°	12.7	11.0	9.3	7.6	5.7	2.9	0.0
60°	13.6	11.7	9.9	8.0	6.2	3.1	0.0
57.5°	14.9	12.5	10.4	8.5	6.5	3.3	0.0
55°	16.1	13.1	11.0	8.9	6.7	3.6	0.0
52.5°	17.3	13.9	11.5	9.2	7.0	3.8	0.0
50°	18.5	14.8	12.0	9.6	7.3	4.0	0.0
47.5°	19.6	15.7	12.5	10.0	7.5	4.2	0.0
45°	21.1	16.5	13.0	10.3	7.7	4.4	0.0
42.5°	22.5	17.3	13.5	10.7	8.0	4.6	0.0
40°	23.9	18.0	14.0	11.0	8.2	4.7	0.0
37.5°	25.2	18.7	14.5	11.3	8.4	4.9	0.0
35°	26.4	19.6	15.1	11.6	8.6	5.1	0.0
32.5°	28.4	20.6	15.5	11.9	8.7	5.2	0.0
30°	32.0	21.5	16.0	12.2	8.9	5.4	0.0
27.5°	35.4	22.4	16.4	12.4	9.1	5.5	0.0
25°	38.4	23.2	16.7	12.6	9.2	5.6	0.0
22.5°	41.2	23.9	17.1	12.8	9.3	5.7	0.0
20°	43.8	24.6	17.4	13.0	9.5	5.8	0.0
17.5°	46.0	25.3	17.7	13.2	9.6	5.9	0.0
15°	47.9	25.8	17.9	13.3	9.6	6.0	0.0
12.5°	49.6	26.3	18.1	13.4	9.7	6.1	0.0
10°	51.0	26.6	18.3	13.5	9.8	6.1	0.0
7.5°	52.0	26.9	18.4	13.6	9.8	6.1	0.0
5°	52.8	27.1	18.5	13.7	9.9	6.2	0.0
2.5°	53.2	27.3	18.6	13.7	9.9	6.2	0.0
0°	53.4	27.3	18.6	13.7	9.9	6.2	0.0
-2.5°	53.2	27.3	18.6	13.7	9.9	6.2	0.0
-5°	52.8	27.1	18.5	13.7	9.9	6.2	0.0
-7.5°	52.0	26.9	18.4	13.6	9.8	6.1	0.0
-10°	51.0	26.6	18.3	13.5	9.8	6.1	0.0
-12.5°	49.6	26.3	18.1	13.4	9.7	6.1	0.0
-15°	47.9	25.8	17.9	13.3	9.6	6.0	0.0
-17.5°	46.0	25.3	17.7	13.2	9.6	5.9	0.0
-20°	43.8	24.6	17.4	13.0	9.5	5.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	41.2	23.9	17.1	12.8	9.3	5.7	0.0
-25°	38.4	23.2	16.7	12.6	9.2	5.6	0.0
-27.5°	35.4	22.4	16.4	12.4	9.1	5.5	0.0
-30°	32.0	21.5	16.0	12.2	8.9	5.4	0.0
-32.5°	28.4	20.6	15.5	11.9	8.7	5.2	0.0
-35°	26.4	19.6	15.1	11.6	8.6	5.1	0.0
-37.5°	25.2	18.7	14.5	11.3	8.4	4.9	0.0
-40°	23.9	18.0	14.0	11.0	8.2	4.7	0.0
-42.5°	22.5	17.3	13.5	10.7	8.0	4.6	0.0
-45°	21.1	16.5	13.0	10.3	7.7	4.4	0.0
-47.5°	19.6	15.7	12.5	10.0	7.5	4.2	0.0
-50°	18.5	14.8	12.0	9.6	7.3	4.0	0.0
-52.5°	17.3	13.9	11.5	9.2	7.0	3.8	0.0
-55°	16.1	13.1	11.0	8.9	6.7	3.6	0.0
-57.5°	14.9	12.5	10.4	8.5	6.5	3.3	0.0
-60°	13.6	11.7	9.9	8.0	6.2	3.1	0.0
-62.5°	12.7	11.0	9.3	7.6	5.7	2.9	0.0
-65°	11.8	10.3	8.7	7.2	5.2	2.6	0.0
-67.5°	10.9	9.5	8.1	6.7	4.7	2.4	0.0
-70°	10.0	8.8	7.5	6.3	4.2	2.1	0.0
-72.5°	9.1	8.0	6.9	5.6	3.7	1.9	0.0
-75°	8.2	7.3	6.3	4.8	3.2	1.6	0.0
-77.5°	7.3	6.5	5.3	4.0	2.7	1.3	0.0
-80°	6.3	5.3	4.3	3.2	2.2	1.1	0.0
-82.5°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
-85°	3.2	2.7	2.2	1.6	1.1	0.5	0.0
-87.5°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)