

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: P722786 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-16-720PL-RGB-4S\_GREEN-ONLY**

Issue Date: 11/1/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P722786 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2308-140-14)  
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-4S\_GREEN-ONLY  
Description: LUMASPORT 16 PRISM RGB  
Light Source: -  
Ballast/Driver: -

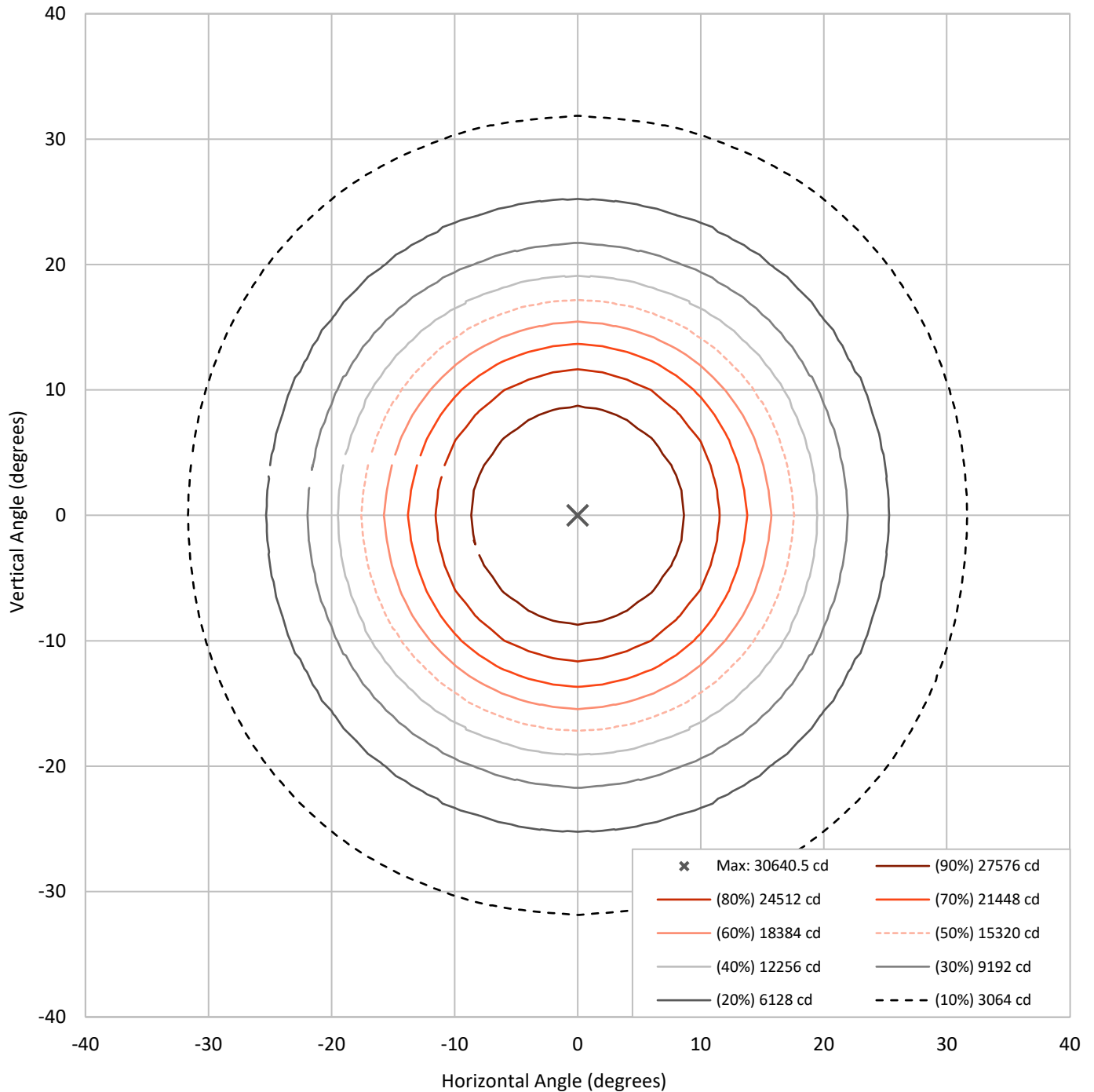
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	12919.6 lumens	Max Intensity:	30640.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	64.4 lumens/watt		
Luminous Opening:	Circular (Dia: 1.67' x H: 0')		
Beam Angle (50%):	35.2°H x 34.2°V	Field Angle (10%):	63.4°H x 63.7°V
Beam Lumens:	6675.1 lumens	Field Lumens:	11225.1 lumens
Beam Efficiency:	51.7%	Field Efficiency:	86.9%
Input Watts (W):	200.6		
Input Voltage (V):	NR		
Input Current (A <sub>in</sub> ):	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		

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CATALOG NUMBER: EPH-LS-16-720PL-RGB-4S\_GREEN-ONLY

### Iso-Candela Plot



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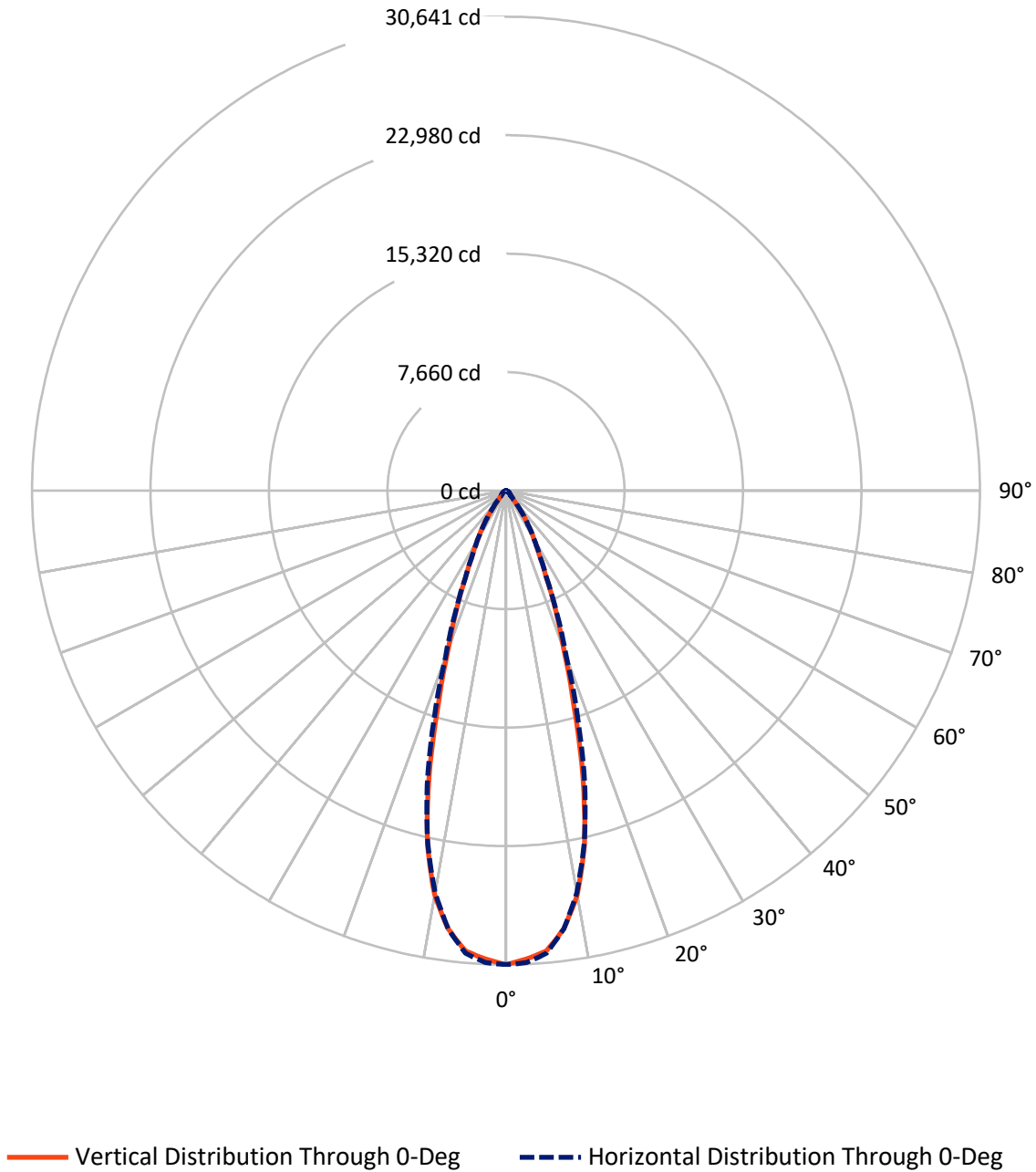
CATALOG NUMBER: EPH-LS-16-720PL-RGB-4S\_GREEN-ONLY

### Lumen Table

90	0.1	0.4		1.0		1.8		2.2		1.8		1.0		0.4		0.1			
80	0.1	0.4		1.0		1.8		2.2		1.8		1.0		0.4		0.1			
70	0.2	0.2	0.4	0.9	1.7	2.6	3.4	3.8	3.8	3.4	2.6	1.7	0.9	0.4	0.2	0.2			
60		0.3	1.0	2.4	4.2	5.8	7.0	7.7	7.7	7.0	5.8	4.2	2.4	1.0	0.3				
50	0.3	0.6	2.0	4.1	6.6	9.1	11.5	13.3	13.3	11.5	9.1	6.6	4.1	2.0	0.6	0.3			
40		0.9	2.9	5.7	9.4	18.3	40.1	59.8	59.8	40.1	18.3	9.4	5.7	2.9	0.9				
30	0.4	1.3	3.7	7.2	17.1	58.8	124.7	187.2	187.2	124.7	58.8	17.1	7.2	3.7	1.3	0.4			
20		1.5	4.2	8.7	35.3	117.3	301.2	526.6	526.6	301.2	117.3	35.3	8.7	4.2	1.5				
10	0.5	1.7	4.5	10.2	50.3	173.5	519.5	844.3	844.3	519.5	173.5	50.3	10.2	4.5	1.7	0.5			
0		1.7	4.5	10.2	50.3	173.5	519.5	844.3	844.3	519.5	173.5	50.3	10.2	4.5	1.7				
-10	0.4	1.5	4.2	8.7	35.3	117.3	301.2	526.6	526.6	301.2	117.3	35.3	8.7	4.2	1.5	0.4			
-20		1.3	3.7	7.2	17.1	58.8	124.7	187.2	187.2	124.7	58.8	17.1	7.2	3.7	1.3				
-30	0.3	0.9	2.9	5.7	9.4	18.3	40.1	59.8	59.8	40.1	18.3	9.4	5.7	2.9	0.9	0.3			
-40		0.6	2.0	4.1	6.6	9.1	11.5	13.3	13.3	11.5	9.1	6.6	4.1	2.0	0.6				
-50	0.2	0.3	1.0	2.4	4.2	5.8	7.0	7.7	7.7	7.0	5.8	4.2	2.4	1.0	0.3	0.2			
-60		0.2	0.4	0.9	1.7	2.6	3.4	3.8	3.8	3.4	2.6	1.7	0.9	0.4	0.2				
-70	0.1	0.4		1.0		1.8		2.2		1.8		1.0		0.4		0.1			
-80		0.4		1.0		1.8		2.2		1.8		1.0		0.4					
-90	0.1	0.4		1.0		1.8		2.2		1.8		1.0		0.4		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

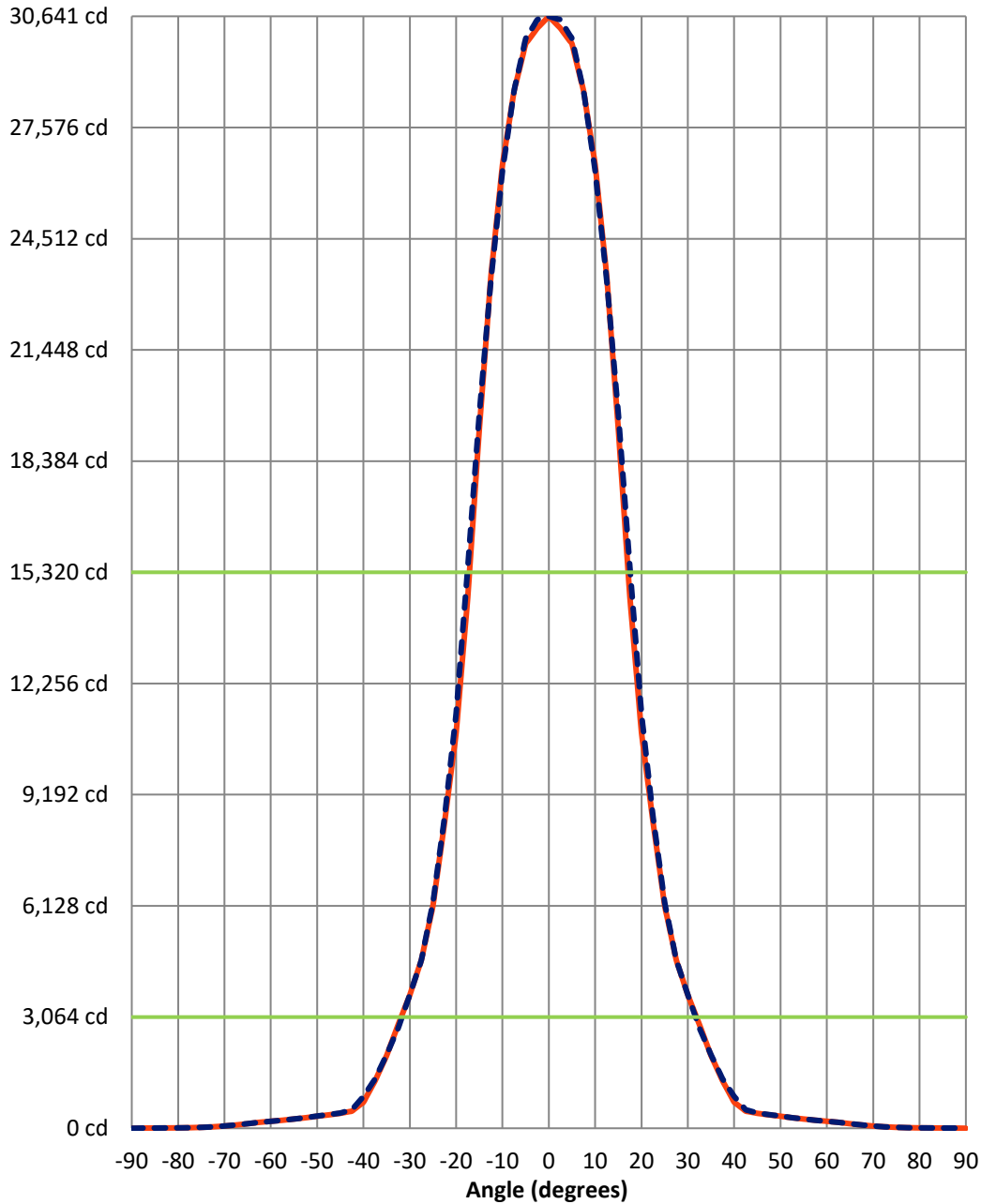
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CATALOG NUMBER: EPH-LS-16-720PL-RGB-4S\_GREEN-ONLY

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
H Angle: 35.2°  
V Angle: 34.2°  
Lumens: 6675.1  
Efficiency: 51.7%

**Field:**  
H Angle: 63.4°  
V Angle: 63.7°  
Lumens: 11225.1  
Efficiency: 86.9%

**Spill:**  
Lumens: 1694.5  
Efficiency: 13.1%

— 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	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
85°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
82.5°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.0	5.3	5.5
80°	0.0	0.9	1.7	2.6	3.5	4.3	5.0	5.2	5.5	5.9	6.3
77.5°	0.0	1.1	2.2	3.2	4.3	5.1	5.3	5.6	6.0	6.5	7.1
75°	0.0	1.3	2.6	3.9	5.0	5.3	5.5	5.9	6.5	7.0	7.5
72.5°	0.0	1.5	3.0	4.5	5.2	5.5	5.8	6.3	7.0	7.5	7.9
70°	0.0	1.7	3.4	5.0	5.4	5.7	6.1	6.8	7.5	8.0	9.0
67.5°	0.0	1.9	3.8	5.1	5.5	5.9	6.5	7.3	8.0	9.1	10.2
65°	0.0	2.1	4.2	5.3	5.7	6.2	7.0	7.8	9.0	10.2	11.6
62.5°	0.0	2.3	4.6	5.4	5.8	6.6	7.5	8.6	9.9	11.4	13.5
60°	0.0	2.5	5.0	5.5	6.0	7.0	7.9	9.4	10.8	13.1	15.4
57.5°	0.0	2.7	5.1	5.6	6.3	7.3	8.6	10.2	12.2	14.7	18.2
55°	0.0	2.9	5.1	5.7	6.6	7.7	9.2	10.9	13.6	16.6	21.5
52.5°	0.0	3.0	5.2	5.8	6.9	8.1	9.9	12.1	15.0	19.5	24.7
50°	0.0	3.2	5.3	5.9	7.1	8.6	10.5	13.2	16.7	22.3	29.1
47.5°	0.0	3.4	5.4	6.0	7.4	9.1	11.1	14.3	19.1	24.9	33.6
45°	0.0	3.5	5.4	6.2	7.6	9.6	12.0	15.3	21.4	28.9	38.1
42.5°	0.0	3.7	5.5	6.4	7.9	10.0	12.8	16.9	23.6	32.7	44.8
40°	0.0	3.8	5.5	6.6	8.2	10.5	13.6	18.7	26.0	36.5	51.7
37.5°	0.0	4.0	5.6	6.8	8.5	10.9	14.3	20.5	29.1	40.5	58.2
35°	0.0	4.1	5.6	7.0	8.8	11.4	14.9	22.2	31.9	46.0	65.2
32.5°	0.0	4.2	5.7	7.2	9.1	11.9	15.7	23.8	34.6	51.2	73.0
30°	0.0	4.3	5.7	7.3	9.4	12.3	17.0	25.5	37.1	56.2	80.3
27.5°	0.0	4.4	5.8	7.5	9.7	12.7	18.2	27.5	40.0	60.9	87.1
25°	0.0	4.5	5.8	7.7	9.9	13.1	19.3	29.3	43.8	66.1	93.3
22.5°	0.0	4.6	5.8	7.9	10.1	13.5	20.4	31.0	47.3	71.2	99.3
20°	0.0	4.7	5.9	8.0	10.3	13.8	21.3	32.4	50.5	75.7	104.7
17.5°	0.0	4.8	5.9	8.2	10.5	14.1	22.2	33.7	53.3	79.8	109.6
15°	0.0	4.8	5.9	8.3	10.7	14.3	22.9	34.8	55.9	83.3	113.9
12.5°	0.0	4.9	6.0	8.5	10.8	14.5	23.5	35.8	58.1	86.3	117.6
10°	0.0	4.9	6.0	8.6	10.9	14.7	24.1	36.6	59.8	88.5	120.7
7.5°	0.0	5.0	6.0	8.7	10.9	14.8	24.5	37.2	61.2	90.2	123.2
5°	0.0	5.0	6.0	8.8	11.0	14.9	24.8	37.6	62.2	91.4	125.1
2.5°	0.0	5.0	6.0	8.9	11.0	15.0	24.9	37.9	62.8	91.9	126.4
0°	0.0	5.0	6.0	9.0	11.0	15.0	25.0	38.0	63.0	92.0	127.0
-2.5°	0.0	5.0	6.0	8.9	11.0	15.0	24.9	37.9	62.8	91.9	126.4
-5°	0.0	5.0	6.0	8.8	11.0	14.9	24.8	37.6	62.2	91.4	125.1
-7.5°	0.0	5.0	6.0	8.7	10.9	14.8	24.5	37.2	61.2	90.2	123.2
-10°	0.0	4.9	6.0	8.6	10.9	14.7	24.1	36.6	59.8	88.5	120.7
-12.5°	0.0	4.9	6.0	8.5	10.8	14.5	23.5	35.8	58.1	86.3	117.6
-15°	0.0	4.8	5.9	8.3	10.7	14.3	22.9	34.8	55.9	83.3	113.9
-17.5°	0.0	4.8	5.9	8.2	10.5	14.1	22.2	33.7	53.3	79.8	109.6
-20°	0.0	4.7	5.9	8.0	10.3	13.8	21.3	32.4	50.5	75.7	104.7



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 CATALOG NUMBER: EPH-LS-16-720PL-RGB-4S\_GREEN-ONLY

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.6	5.8	7.9	10.1	13.5	20.4	31.0	47.3	71.2	99.3
-25°	0.0	4.5	5.8	7.7	9.9	13.1	19.3	29.3	43.8	66.1	93.3
-27.5°	0.0	4.4	5.8	7.5	9.7	12.7	18.2	27.5	40.0	60.9	87.1
-30°	0.0	4.3	5.7	7.3	9.4	12.3	17.0	25.5	37.1	56.2	80.3
-32.5°	0.0	4.2	5.7	7.2	9.1	11.9	15.7	23.8	34.6	51.2	73.0
-35°	0.0	4.1	5.6	7.0	8.8	11.4	14.9	22.2	31.9	46.0	65.2
-37.5°	0.0	4.0	5.6	6.8	8.5	10.9	14.3	20.5	29.1	40.5	58.2
-40°	0.0	3.8	5.5	6.6	8.2	10.5	13.6	18.7	26.0	36.5	51.7
-42.5°	0.0	3.7	5.5	6.4	7.9	10.0	12.8	16.9	23.6	32.7	44.8
-45°	0.0	3.5	5.4	6.2	7.6	9.6	12.0	15.3	21.4	28.9	38.1
-47.5°	0.0	3.4	5.4	6.0	7.4	9.1	11.1	14.3	19.1	24.9	33.6
-50°	0.0	3.2	5.3	5.9	7.1	8.6	10.5	13.2	16.7	22.3	29.1
-52.5°	0.0	3.0	5.2	5.8	6.9	8.1	9.9	12.1	15.0	19.5	24.7
-55°	0.0	2.9	5.1	5.7	6.6	7.7	9.2	10.9	13.6	16.6	21.5
-57.5°	0.0	2.7	5.1	5.6	6.3	7.3	8.6	10.2	12.2	14.7	18.2
-60°	0.0	2.5	5.0	5.5	6.0	7.0	7.9	9.4	10.8	13.1	15.4
-62.5°	0.0	2.3	4.6	5.4	5.8	6.6	7.5	8.6	9.9	11.4	13.5
-65°	0.0	2.1	4.2	5.3	5.7	6.2	7.0	7.8	9.0	10.2	11.6
-67.5°	0.0	1.9	3.8	5.1	5.5	5.9	6.5	7.3	8.0	9.1	10.2
-70°	0.0	1.7	3.4	5.0	5.4	5.7	6.1	6.8	7.5	8.0	9.0
-72.5°	0.0	1.5	3.0	4.5	5.2	5.5	5.8	6.3	7.0	7.5	7.9
-75°	0.0	1.3	2.6	3.9	5.0	5.3	5.5	5.9	6.5	7.0	7.5
-77.5°	0.0	1.1	2.2	3.2	4.3	5.1	5.3	5.6	6.0	6.5	7.1
-80°	0.0	0.9	1.7	2.6	3.5	4.3	5.0	5.2	5.5	5.9	6.3
-82.5°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.0	5.3	5.5
-85°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
-87.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
-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°	2.3	2.5	2.7	2.9	3.0	3.2	3.4	3.5	3.7	3.8	4.0
85°	4.6	5.0	5.1	5.3	5.4	5.6	5.7	5.8	5.9	6.1	6.2
82.5°	5.8	6.0	6.2	6.4	6.6	6.9	7.0	7.2	7.4	7.6	7.8
80°	6.7	7.0	7.2	7.6	7.9	8.1	8.4	8.6	8.9	9.1	9.3
77.5°	7.4	7.7	8.1	8.7	9.1	9.4	9.7	10.0	10.3	10.6	10.9
75°	7.9	8.4	9.1	9.8	10.3	10.7	11.1	12.1	13.0	13.9	14.7
72.5°	8.7	9.6	10.3	10.9	12.1	13.3	14.4	15.6	17.1	19.1	21.0
70°	9.9	10.8	12.2	13.6	15.0	16.7	19.1	21.4	23.6	26.4	29.9
67.5°	11.4	13.1	14.7	16.6	19.5	22.3	24.9	29.2	33.3	37.3	41.7
65°	13.5	15.4	18.2	21.5	24.7	29.6	34.5	39.3	46.3	53.3	60.1
62.5°	15.6	19.1	22.7	27.1	32.9	38.6	46.3	54.7	63.0	72.5	81.6
60°	19.1	23.1	28.2	34.5	41.8	51.5	60.9	71.9	83.3	94.2	105.3
57.5°	22.7	28.1	34.7	43.3	54.4	65.4	78.3	91.0	104.7	117.8	130.4
55°	26.9	33.7	42.8	55.0	67.8	81.9	96.5	112.4	127.2	142.3	157.1
52.5°	32.0	40.2	53.5	67.6	83.2	99.4	117.0	134.2	151.0	166.8	180.7
50°	37.1	50.0	64.5	81.7	99.3	118.3	137.6	156.3	172.8	188.2	202.1
47.5°	44.8	59.5	77.4	96.0	116.2	137.2	158.0	175.6	192.2	207.2	221.0
45°	53.1	70.5	90.0	111.0	133.1	156.1	175.3	193.1	209.7	226.0	243.6
42.5°	61.1	81.8	103.2	125.3	150.5	172.1	190.9	209.4	227.8	247.4	266.5
40°	70.8	92.7	115.9	141.1	166.4	185.9	206.1	226.1	247.7	268.3	289.0
37.5°	80.3	103.9	128.4	156.0	178.5	199.5	220.9	244.3	266.7	288.2	318.2
35°	89.4	114.4	141.2	168.1	189.9	213.0	237.3	261.7	284.7	315.3	345.3
32.5°	98.3	124.2	153.2	178.2	201.9	226.6	253.2	277.9	307.7	341.1	368.2
30°	106.7	134.3	163.5	187.9	213.4	240.2	267.6	294.9	331.5	361.5	392.2
27.5°	114.6	143.6	171.9	197.7	224.4	252.6	281.1	315.8	350.7	381.5	416.4
25°	121.9	152.6	179.7	207.0	235.0	264.4	295.6	335.1	367.3	402.9	456.1
22.5°	129.0	160.9	187.3	215.6	244.3	275.8	311.9	349.7	383.9	423.7	496.7
20°	135.8	167.3	194.3	223.2	252.7	286.7	326.4	362.7	400.7	460.4	608.8
17.5°	142.0	172.9	200.6	230.3	261.9	297.4	338.8	374.5	415.5	497.4	745.0
15°	147.4	177.8	205.9	236.8	269.8	307.6	348.6	386.4	438.5	555.0	863.7
12.5°	152.2	181.9	210.3	242.6	276.3	316.5	357.0	396.8	465.4	648.6	1008.9
10°	156.3	185.3	213.8	247.7	281.4	324.0	363.8	405.4	486.7	722.7	1131.3
7.5°	159.3	188.0	216.4	251.9	285.1	330.1	369.2	412.2	502.8	781.5	1227.7
5°	161.3	190.0	218.8	254.5	288.0	334.4	373.0	417.1	513.5	824.2	1297.7
2.5°	162.6	191.3	220.3	255.8	290.0	336.6	375.2	419.5	515.2	857.6	1342.2
0°	163.0	192.0	221.0	256.0	291.0	337.0	376.0	420.0	511.0	878.0	1360.0
-2.5°	162.6	191.3	220.3	255.8	290.0	336.6	375.2	419.5	515.2	857.6	1342.2
-5°	161.3	190.0	218.8	254.5	288.0	334.4	373.0	417.1	513.5	824.2	1297.7
-7.5°	159.3	188.0	216.4	251.9	285.1	330.1	369.2	412.2	502.8	781.5	1227.7
-10°	156.3	185.3	213.8	247.7	281.4	324.0	363.8	405.4	486.7	722.7	1131.3
-12.5°	152.2	181.9	210.3	242.6	276.3	316.5	357.0	396.8	465.4	648.6	1008.9
-15°	147.4	177.8	205.9	236.8	269.8	307.6	348.6	386.4	438.5	555.0	863.7
-17.5°	142.0	172.9	200.6	230.3	261.9	297.4	338.8	374.5	415.5	497.4	745.0
-20°	135.8	167.3	194.3	223.2	252.7	286.7	326.4	362.7	400.7	460.4	608.8



REPORT NUMBER: P722786 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-4S\_GREEN-ONLY

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	129.0	160.9	187.3	215.6	244.3	275.8	311.9	349.7	383.9	423.7	496.7
-25°	121.9	152.6	179.7	207.0	235.0	264.4	295.6	335.1	367.3	402.9	456.1
-27.5°	114.6	143.6	171.9	197.7	224.4	252.6	281.1	315.8	350.7	381.5	416.4
-30°	106.7	134.3	163.5	187.9	213.4	240.2	267.6	294.9	331.5	361.5	392.2
-32.5°	98.3	124.2	153.2	178.2	201.9	226.6	253.2	277.9	307.7	341.1	368.2
-35°	89.4	114.4	141.2	168.1	189.9	213.0	237.3	261.7	284.7	315.3	345.3
-37.5°	80.3	103.9	128.4	156.0	178.5	199.5	220.9	244.3	266.7	288.2	318.2
-40°	70.8	92.7	115.9	141.1	166.4	185.9	206.1	226.1	247.7	268.3	289.0
-42.5°	61.1	81.8	103.2	125.3	150.5	172.1	190.9	209.4	227.8	247.4	266.5
-45°	53.1	70.5	90.0	111.0	133.1	156.1	175.3	193.1	209.7	226.0	243.6
-47.5°	44.8	59.5	77.4	96.0	116.2	137.2	158.0	175.6	192.2	207.2	221.0
-50°	37.1	50.0	64.5	81.7	99.3	118.3	137.6	156.3	172.8	188.2	202.1
-52.5°	32.0	40.2	53.5	67.6	83.2	99.4	117.0	134.2	151.0	166.8	180.7
-55°	26.9	33.7	42.8	55.0	67.8	81.9	96.5	112.4	127.2	142.3	157.1
-57.5°	22.7	28.1	34.7	43.3	54.4	65.4	78.3	91.0	104.7	117.8	130.4
-60°	19.1	23.1	28.2	34.5	41.8	51.5	60.9	71.9	83.3	94.2	105.3
-62.5°	15.6	19.1	22.7	27.1	32.9	38.6	46.3	54.7	63.0	72.5	81.6
-65°	13.5	15.4	18.2	21.5	24.7	29.6	34.5	39.3	46.3	53.3	60.1
-67.5°	11.4	13.1	14.7	16.6	19.5	22.3	24.9	29.2	33.3	37.3	41.7
-70°	9.9	10.8	12.2	13.6	15.0	16.7	19.1	21.4	23.6	26.4	29.9
-72.5°	8.7	9.6	10.3	10.9	12.1	13.3	14.4	15.6	17.1	19.1	21.0
-75°	7.9	8.4	9.1	9.8	10.3	10.7	11.1	12.1	13.0	13.9	14.7
-77.5°	7.4	7.7	8.1	8.7	9.1	9.4	9.7	10.0	10.3	10.6	10.9
-80°	6.7	7.0	7.2	7.6	7.9	8.1	8.4	8.6	8.9	9.1	9.3
-82.5°	5.8	6.0	6.2	6.4	6.6	6.9	7.0	7.2	7.4	7.6	7.8
-85°	4.6	5.0	5.1	5.3	5.4	5.6	5.7	5.8	5.9	6.1	6.2
-87.5°	2.3	2.5	2.7	2.9	3.0	3.2	3.4	3.5	3.7	3.8	4.0
-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: P722786 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-4S\_GREEN-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°	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.9	4.9
85°	6.3	6.4	6.5	6.5	6.6	6.7	6.8	6.8	6.9	6.9	6.9
82.5°	7.9	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	8.9
80°	9.5	9.7	9.9	10.1	10.2	10.4	10.5	10.6	10.7	10.8	10.9
77.5°	11.4	12.0	12.6	13.1	13.6	14.1	14.5	14.8	15.1	15.4	15.6
75°	15.5	16.4	17.7	18.9	19.9	20.9	21.9	22.9	23.9	24.4	24.6
72.5°	22.9	24.7	26.2	28.1	30.0	31.9	33.9	35.7	37.2	38.2	38.9
70°	33.0	35.9	38.4	41.5	45.4	48.9	52.2	55.0	57.5	59.3	60.7
67.5°	47.4	52.8	57.8	62.5	67.4	72.2	76.3	80.0	83.0	85.7	87.9
65°	67.0	74.2	81.0	87.4	93.3	99.3	104.6	109.2	113.2	116.7	119.7
62.5°	90.1	98.8	107.5	115.5	122.8	129.8	136.4	141.9	146.3	150.3	154.3
60°	116.0	126.2	136.9	146.8	155.9	164.2	169.5	174.4	178.7	182.8	186.8
57.5°	143.5	156.3	167.7	176.2	184.1	191.3	197.5	203.1	208.2	212.7	216.2
55°	170.4	181.9	192.4	201.1	209.0	216.4	223.7	231.2	237.6	242.9	247.2
52.5°	193.9	204.6	214.6	224.4	235.0	245.1	254.5	262.6	270.0	276.6	281.8
50°	214.1	226.3	239.1	251.1	263.6	275.2	285.3	296.0	306.6	315.5	322.1
47.5°	236.5	251.1	265.9	280.2	294.6	310.2	324.4	336.7	345.7	353.3	359.4
45°	260.7	277.9	295.2	314.4	332.4	347.0	359.6	370.5	381.8	392.2	400.8
42.5°	285.8	308.2	330.3	348.7	365.0	381.0	396.3	409.5	426.1	442.4	455.5
40°	315.9	340.9	361.2	380.5	400.6	419.5	444.4	465.4	502.6	572.4	628.9
37.5°	345.4	368.9	391.8	414.2	446.5	477.3	560.2	658.2	745.8	915.5	1056.2
35°	370.8	397.3	424.7	466.0	540.2	675.5	830.0	1059.1	1278.5	1488.3	1672.0
32.5°	397.5	431.3	479.5	602.7	762.9	1023.3	1278.4	1599.0	1883.9	2144.9	2383.0
30°	427.6	486.4	629.3	833.2	1153.9	1487.0	1849.8	2220.8	2570.1	2880.8	3170.8
27.5°	479.1	617.3	837.8	1202.0	1601.1	2011.2	2469.4	2902.6	3318.9	3670.8	3999.2
25°	565.3	790.8	1168.4	1606.5	2075.5	2595.7	3112.8	3628.2	4072.1	4549.5	4991.4
22.5°	730.4	1064.6	1509.5	2021.9	2589.8	3174.9	3754.9	4345.5	5027.9	5805.2	6651.4
20°	914.9	1310.1	1864.1	2462.3	3103.6	3761.3	4457.3	5315.2	6395.9	7516.3	8599.2
17.5°	1114.6	1605.2	2217.3	2879.7	3609.2	4394.1	5274.0	6630.3	8025.0	9574.3	10995.6
15°	1296.3	1882.2	2554.4	3295.5	4096.7	4988.8	6398.7	8013.8	9953.2	11938.5	14072.0
12.5°	1504.2	2135.7	2856.9	3655.6	4563.6	5752.7	7543.8	9638.5	12056.3	14765.3	17650.2
10°	1688.2	2361.3	3134.0	4007.7	5010.0	6640.6	8723.5	11244.1	14420.0	17715.1	20864.4
7.5°	1841.0	2545.5	3351.1	4286.5	5485.8	7398.7	9754.0	12771.2	16591.5	20202.7	23423.5
5°	1960.9	2675.0	3502.7	4490.6	5880.8	7941.8	10653.6	14134.0	18196.3	21938.4	25122.9
2.5°	2027.2	2747.7	3597.3	4615.6	6115.9	8402.2	11280.6	15031.3	19172.8	22972.9	26167.6
0°	2026.0	2763.0	3677.1	4639.6	6225.1	8575.1	11430.2	15445.2	19679.3	23360.4	26377.4
-2.5°	2027.2	2747.7	3597.3	4615.6	6115.9	8402.2	11280.6	15031.3	19172.8	22972.9	26167.6
-5°	1960.9	2675.0	3502.7	4490.6	5880.8	7941.8	10653.6	14134.0	18196.3	21938.4	25122.9
-7.5°	1841.0	2545.5	3351.1	4286.5	5485.8	7398.7	9754.0	12771.2	16591.5	20202.7	23423.5
-10°	1688.2	2361.3	3134.0	4007.7	5010.0	6640.6	8723.5	11244.1	14420.0	17715.1	20864.4
-12.5°	1504.2	2135.7	2856.9	3655.6	4563.6	5752.7	7543.8	9638.5	12056.3	14765.3	17650.2
-15°	1296.3	1882.2	2554.4	3295.5	4096.7	4988.8	6398.7	8013.8	9953.2	11938.5	14072.0
-17.5°	1114.6	1605.2	2217.3	2879.7	3609.2	4394.1	5274.0	6630.3	8025.0	9574.3	10995.6
-20°	914.9	1310.1	1864.1	2462.3	3103.6	3761.3	4457.3	5315.2	6395.9	7516.3	8599.2



REPORT NUMBER: P722786 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-4S\_GREEN-ONLY

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	730.4	1064.6	1509.5	2021.9	2589.8	3174.9	3754.9	4345.5	5027.9	5805.2	6651.4
-25°	565.3	790.8	1168.4	1606.5	2075.5	2595.7	3112.8	3628.2	4072.1	4549.5	4991.4
-27.5°	479.1	617.3	837.8	1202.0	1601.1	2011.2	2469.4	2902.6	3318.9	3670.8	3999.2
-30°	427.6	486.4	629.3	833.2	1153.9	1487.0	1849.8	2220.8	2570.1	2880.8	3170.8
-32.5°	397.5	431.3	479.5	602.7	762.9	1023.3	1278.4	1599.0	1883.9	2144.9	2383.0
-35°	370.8	397.3	424.7	466.0	540.2	675.5	830.0	1059.1	1278.5	1488.3	1672.0
-37.5°	345.4	368.9	391.8	414.2	446.5	477.3	560.2	658.2	745.8	915.5	1056.2
-40°	315.9	340.9	361.2	380.5	400.6	419.5	444.4	465.4	502.6	572.4	628.9
-42.5°	285.8	308.2	330.3	348.7	365.0	381.0	396.3	409.5	426.1	442.4	455.5
-45°	260.7	277.9	295.2	314.4	332.4	347.0	359.6	370.5	381.8	392.2	400.8
-47.5°	236.5	251.1	265.9	280.2	294.6	310.2	324.4	336.7	345.7	353.3	359.4
-50°	214.1	226.3	239.1	251.1	263.6	275.2	285.3	296.0	306.6	315.5	322.1
-52.5°	193.9	204.6	214.6	224.4	235.0	245.1	254.5	262.6	270.0	276.6	281.8
-55°	170.4	181.9	192.4	201.1	209.0	216.4	223.7	231.2	237.6	242.9	247.2
-57.5°	143.5	156.3	167.7	176.2	184.1	191.3	197.5	203.1	208.2	212.7	216.2
-60°	116.0	126.2	136.9	146.8	155.9	164.2	169.5	174.4	178.7	182.8	186.8
-62.5°	90.1	98.8	107.5	115.5	122.8	129.8	136.4	141.9	146.3	150.3	154.3
-65°	67.0	74.2	81.0	87.4	93.3	99.3	104.6	109.2	113.2	116.7	119.7
-67.5°	47.4	52.8	57.8	62.5	67.4	72.2	76.3	80.0	83.0	85.7	87.9
-70°	33.0	35.9	38.4	41.5	45.4	48.9	52.2	55.0	57.5	59.3	60.7
-72.5°	22.9	24.7	26.2	28.1	30.0	31.9	33.9	35.7	37.2	38.2	38.9
-75°	15.5	16.4	17.7	18.9	19.9	20.9	21.9	22.9	23.9	24.4	24.6
-77.5°	11.4	12.0	12.6	13.1	13.6	14.1	14.5	14.8	15.1	15.4	15.6
-80°	9.5	9.7	9.9	10.1	10.2	10.4	10.5	10.6	10.7	10.8	10.9
-82.5°	7.9	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	8.9
-85°	6.3	6.4	6.5	6.5	6.6	6.7	6.8	6.8	6.9	6.9	6.9
-87.5°	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.9	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: P722786 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-4S\_GREEN-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°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.8	4.8
85°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.9	6.9	6.8
82.5°	8.9	9.0	9.0	9.0	9.0	9.0	8.9	8.9	8.9	8.8	8.7
80°	10.9	11.0	11.0	11.0	11.0	11.0	10.9	10.9	10.8	10.7	10.6
77.5°	15.8	15.9	16.0	16.0	16.0	15.9	15.8	15.6	15.4	15.1	14.8
75°	24.8	24.8	24.9	25.0	24.9	24.8	24.8	24.6	24.4	23.9	22.9
72.5°	39.4	39.6	39.9	40.0	39.9	39.6	39.4	38.9	38.2	37.2	35.7
70°	61.7	62.3	62.4	62.0	62.4	62.3	61.7	60.7	59.3	57.5	55.0
67.5°	89.7	91.0	91.3	91.0	91.3	91.0	89.7	87.9	85.7	83.0	80.0
65°	122.0	123.7	124.7	125.0	124.7	123.7	122.0	119.7	116.7	113.2	109.2
62.5°	157.6	160.2	162.4	164.0	162.4	160.2	157.6	154.3	150.3	146.3	141.9
60°	190.0	192.3	193.2	193.0	193.2	192.3	190.0	186.8	182.8	178.7	174.4
57.5°	218.8	220.5	221.2	221.0	221.2	220.5	218.8	216.2	212.7	208.2	203.1
55°	250.5	253.0	254.5	255.0	254.5	253.0	250.5	247.2	242.9	237.6	231.2
52.5°	285.5	287.9	289.4	290.0	289.4	287.9	285.5	281.8	276.6	270.0	262.6
50°	326.9	330.2	331.9	332.0	331.9	330.2	326.9	322.1	315.5	306.6	296.0
47.5°	364.0	367.2	368.9	369.0	368.9	367.2	364.0	359.4	353.3	345.7	336.7
45°	406.5	410.0	411.8	412.0	411.8	410.0	406.5	400.8	392.2	381.8	370.5
42.5°	463.9	469.4	472.0	472.0	472.0	469.4	463.9	455.5	442.4	426.1	409.5
40°	670.5	698.5	714.1	719.0	714.1	698.5	670.5	628.9	572.4	502.6	465.4
37.5°	1163.0	1235.4	1279.0	1306.0	1279.0	1235.4	1163.0	1056.2	915.5	745.8	658.2
35°	1821.7	1938.9	2011.4	2004.0	2011.4	1938.9	1821.7	1672.0	1488.3	1278.5	1059.1
32.5°	2573.3	2699.5	2772.4	2857.0	2772.4	2699.5	2573.3	2383.0	2144.9	1883.9	1599.0
30°	3405.8	3568.1	3669.7	3671.1	3669.7	3568.1	3405.8	3170.8	2880.8	2570.1	2220.8
27.5°	4271.5	4467.6	4619.0	4638.6	4619.0	4467.6	4271.5	3999.2	3670.8	3318.9	2902.6
25°	5438.8	5875.6	6116.3	6137.1	6116.3	5875.6	5438.8	4991.4	4549.5	4072.1	3628.2
22.5°	7321.0	7847.0	8161.7	8426.1	8161.7	7847.0	7321.0	6651.4	5805.2	5027.9	4345.5
20°	9544.8	10304.9	10833.2	10901.2	10833.2	10304.9	9544.8	8599.2	7516.3	6395.9	5315.2
17.5°	12342.8	13602.2	14341.4	14624.3	14341.4	13602.2	12342.8	10995.6	9574.3	8025.0	6630.3
15°	16149.1	17815.7	18865.1	19259.3	18865.1	17815.7	16149.1	14072.0	11938.5	9953.2	8013.8
12.5°	20182.7	22031.3	23104.2	23474.4	23104.2	22031.3	20182.7	17650.2	14765.3	12056.3	9638.5
10°	23469.5	25154.8	26117.3	26544.5	26117.3	25154.8	23469.5	20864.4	17715.1	14420.0	11244.1
7.5°	25737.9	27384.5	28310.0	28581.0	28310.0	27384.5	25737.9	23423.5	20202.7	16591.5	12771.2
5°	27368.1	28964.8	29646.6	29878.5	29646.6	28964.8	27368.1	25122.9	21938.4	18196.3	14134.0
2.5°	28344.3	29731.5	30358.3	30310.5	30358.3	29731.5	28344.3	26167.6	22972.9	19172.8	15031.3
0°	28585.5	30021.5	30543.0	30640.5	30543.0	30021.5	28585.5	26377.4	23360.4	19679.3	15445.2
-2.5°	28344.3	29731.5	30358.3	30310.5	30358.3	29731.5	28344.3	26167.6	22972.9	19172.8	15031.3
-5°	27368.1	28964.8	29646.6	29878.5	29646.6	28964.8	27368.1	25122.9	21938.4	18196.3	14134.0
-7.5°	25737.9	27384.5	28310.0	28581.0	28310.0	27384.5	25737.9	23423.5	20202.7	16591.5	12771.2
-10°	23469.5	25154.8	26117.3	26544.5	26117.3	25154.8	23469.5	20864.4	17715.1	14420.0	11244.1
-12.5°	20182.7	22031.3	23104.2	23474.4	23104.2	22031.3	20182.7	17650.2	14765.3	12056.3	9638.5
-15°	16149.1	17815.7	18865.1	19259.3	18865.1	17815.7	16149.1	14072.0	11938.5	9953.2	8013.8
-17.5°	12342.8	13602.2	14341.4	14624.2	14341.4	13602.2	12342.8	10995.6	9574.3	8025.0	6630.3
-20°	9544.8	10304.9	10833.2	10901.2	10833.2	10304.9	9544.8	8599.2	7516.3	6395.9	5315.2



REPORT NUMBER: P722786 (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°	7321.0	7847.0	8161.7	8426.1	8161.7	7847.0	7321.0	6651.4	5805.2	5027.9	4345.5
-25°	5438.8	5875.6	6116.3	6137.1	6116.3	5875.6	5438.8	4991.4	4549.5	4072.1	3628.2
-27.5°	4271.5	4467.6	4619.0	4638.6	4619.0	4467.6	4271.5	3999.2	3670.8	3318.9	2902.6
-30°	3405.8	3568.1	3669.7	3671.1	3669.7	3568.1	3405.8	3170.8	2880.8	2570.1	2220.8
-32.5°	2573.3	2699.5	2772.4	2857.0	2772.4	2699.5	2573.3	2383.0	2144.9	1883.9	1599.0
-35°	1821.7	1938.9	2011.4	2004.0	2011.4	1938.9	1821.7	1672.0	1488.3	1278.5	1059.1
-37.5°	1163.0	1235.4	1279.0	1306.0	1279.0	1235.4	1163.0	1056.2	915.5	745.8	658.2
-40°	670.5	698.5	714.1	719.0	714.1	698.5	670.5	628.9	572.4	502.6	465.4
-42.5°	463.9	469.4	472.0	472.0	472.0	469.4	463.9	455.5	442.4	426.1	409.5
-45°	406.5	410.0	411.8	412.0	411.8	410.0	406.5	400.8	392.2	381.8	370.5
-47.5°	364.0	367.2	368.9	369.0	368.9	367.2	364.0	359.4	353.3	345.7	336.7
-50°	326.9	330.2	331.9	332.0	331.9	330.2	326.9	322.1	315.5	306.6	296.0
-52.5°	285.5	287.9	289.4	290.0	289.4	287.9	285.5	281.8	276.6	270.0	262.6
-55°	250.5	253.0	254.5	255.0	254.5	253.0	250.5	247.2	242.9	237.6	231.2
-57.5°	218.8	220.5	221.2	221.0	221.2	220.5	218.8	216.2	212.7	208.2	203.1
-60°	190.0	192.3	193.2	193.0	193.2	192.3	190.0	186.8	182.8	178.7	174.4
-62.5°	157.6	160.2	162.4	164.0	162.4	160.2	157.6	154.3	150.3	146.3	141.9
-65°	122.0	123.7	124.7	125.0	124.7	123.7	122.0	119.7	116.7	113.2	109.2
-67.5°	89.7	91.0	91.3	91.0	91.3	91.0	89.7	87.9	85.7	83.0	80.0
-70°	61.7	62.3	62.4	62.0	62.4	62.3	61.7	60.7	59.3	57.5	55.0
-72.5°	39.4	39.6	39.9	40.0	39.9	39.6	39.4	38.9	38.2	37.2	35.7
-75°	24.8	24.8	24.9	25.0	24.9	24.8	24.8	24.6	24.4	23.9	22.9
-77.5°	15.8	15.9	16.0	16.0	16.0	15.9	15.8	15.6	15.4	15.1	14.8
-80°	10.9	11.0	11.0	11.0	11.0	11.0	10.9	10.9	10.8	10.7	10.6
-82.5°	8.9	9.0	9.0	9.0	9.0	9.0	8.9	8.9	8.9	8.8	8.7
-85°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.9	6.9	6.8
-87.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.8	4.8
-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: P722786 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.8	3.7	3.5
85°	6.8	6.7	6.6	6.5	6.5	6.4	6.3	6.2	6.1	5.9	5.8
82.5°	8.6	8.5	8.4	8.3	8.2	8.1	7.9	7.8	7.6	7.4	7.2
80°	10.5	10.4	10.2	10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.6
77.5°	14.5	14.1	13.6	13.1	12.6	12.0	11.4	10.9	10.6	10.3	10.0
75°	21.9	20.9	19.9	18.9	17.7	16.4	15.5	14.7	13.9	13.0	12.1
72.5°	33.9	31.9	30.0	28.1	26.2	24.7	22.9	21.0	19.1	17.1	15.6
70°	52.2	48.9	45.4	41.5	38.4	35.9	33.0	29.9	26.4	23.6	21.4
67.5°	76.3	72.2	67.4	62.5	57.8	52.8	47.4	41.7	37.3	33.3	29.2
65°	104.6	99.3	93.3	87.4	81.0	74.2	67.0	60.1	53.3	46.3	39.3
62.5°	136.4	129.8	122.8	115.5	107.5	98.8	90.1	81.6	72.5	63.0	54.7
60°	169.5	164.2	155.9	146.8	136.9	126.2	116.0	105.3	94.2	83.3	71.9
57.5°	197.5	191.3	184.1	176.2	167.7	156.3	143.5	130.4	117.8	104.7	91.0
55°	223.7	216.4	209.0	201.1	192.4	181.9	170.4	157.1	142.3	127.2	112.4
52.5°	254.5	245.1	235.0	224.4	214.6	204.6	193.9	180.7	166.8	151.0	134.2
50°	285.3	275.2	263.6	251.1	239.1	226.3	214.1	202.1	188.2	172.8	156.3
47.5°	324.4	310.2	294.6	280.2	265.9	251.1	236.5	221.0	207.2	192.2	175.6
45°	359.6	347.0	332.4	314.4	295.2	277.9	260.7	243.6	226.0	209.7	193.1
42.5°	396.3	381.0	365.0	348.7	330.3	308.2	285.8	266.5	247.4	227.8	209.4
40°	444.4	419.5	400.6	380.5	361.2	340.9	315.9	289.0	268.3	247.7	226.1
37.5°	560.2	477.3	446.5	414.2	391.8	368.9	345.4	318.2	288.2	266.7	244.3
35°	830.0	675.5	540.2	466.0	424.7	397.3	370.8	345.3	315.3	284.7	261.7
32.5°	1278.4	1023.3	762.9	602.7	479.5	431.3	397.5	368.2	341.1	307.7	277.9
30°	1849.8	1487.0	1153.9	833.2	629.3	486.4	427.6	392.2	361.5	331.5	294.9
27.5°	2469.4	2011.2	1601.1	1202.0	837.8	617.3	479.1	416.4	381.5	350.7	315.8
25°	3112.8	2595.7	2075.5	1606.5	1168.4	790.8	565.3	456.1	402.9	367.3	335.1
22.5°	3754.9	3174.9	2589.8	2021.9	1509.5	1064.6	730.4	496.7	423.7	383.9	349.7
20°	4457.3	3761.3	3103.6	2462.3	1864.1	1310.1	914.9	608.8	460.4	400.7	362.7
17.5°	5274.0	4394.1	3609.2	2879.7	2217.3	1605.2	1114.6	745.0	497.4	415.5	374.5
15°	6398.7	4988.8	4096.7	3295.5	2554.4	1882.2	1296.3	863.7	555.0	438.5	386.4
12.5°	7543.8	5752.7	4563.6	3655.6	2856.9	2135.7	1504.2	1008.9	648.6	465.4	396.8
10°	8723.5	6640.6	5010.0	4007.7	3134.0	2361.3	1688.2	1131.3	722.7	486.7	405.4
7.5°	9754.0	7398.7	5485.8	4286.5	3351.1	2545.5	1841.0	1227.7	781.5	502.8	412.2
5°	10653.6	7941.8	5880.8	4490.6	3502.7	2675.0	1960.9	1297.7	824.2	513.5	417.1
2.5°	11280.6	8402.2	6115.9	4615.6	3597.3	2747.7	2027.2	1342.2	857.6	515.2	419.5
0°	11430.2	8575.1	6225.1	4639.6	3677.1	2763.0	2026.0	1360.0	878.0	511.0	420.0
-2.5°	11280.6	8402.2	6115.9	4615.6	3597.3	2747.7	2027.2	1342.2	857.6	515.2	419.5
-5°	10653.6	7941.8	5880.8	4490.6	3502.7	2675.0	1960.9	1297.7	824.2	513.5	417.1
-7.5°	9754.0	7398.7	5485.8	4286.5	3351.1	2545.5	1841.0	1227.7	781.5	502.8	412.2
-10°	8723.5	6640.6	5010.0	4007.7	3134.0	2361.3	1688.2	1131.3	722.7	486.7	405.4
-12.5°	7543.8	5752.7	4563.6	3655.6	2856.9	2135.7	1504.2	1008.9	648.6	465.4	396.8
-15°	6398.7	4988.8	4096.7	3295.5	2554.4	1882.2	1296.3	863.7	555.0	438.5	386.4
-17.5°	5274.0	4394.1	3609.2	2879.7	2217.3	1605.2	1114.6	745.0	497.4	415.5	374.5
-20°	4457.3	3761.3	3103.6	2462.3	1864.1	1310.1	914.9	608.8	460.4	400.7	362.7



REPORT NUMBER: P722786 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3754.9	3174.9	2589.8	2021.9	1509.5	1064.6	730.4	496.7	423.7	383.9	349.7
-25°	3112.8	2595.7	2075.5	1606.5	1168.4	790.8	565.3	456.1	402.9	367.3	335.1
-27.5°	2469.4	2011.2	1601.1	1202.0	837.8	617.3	479.1	416.4	381.5	350.7	315.8
-30°	1849.8	1487.0	1153.9	833.2	629.3	486.4	427.6	392.2	361.5	331.5	294.9
-32.5°	1278.4	1023.3	762.9	602.7	479.5	431.3	397.5	368.2	341.1	307.7	277.9
-35°	830.0	675.5	540.2	466.0	424.7	397.3	370.8	345.3	315.3	284.7	261.7
-37.5°	560.2	477.3	446.5	414.2	391.8	368.9	345.4	318.2	288.2	266.7	244.3
-40°	444.4	419.5	400.6	380.5	361.2	340.9	315.9	289.0	268.3	247.7	226.1
-42.5°	396.3	381.0	365.0	348.7	330.3	308.2	285.8	266.5	247.4	227.8	209.4
-45°	359.6	347.0	332.4	314.4	295.2	277.9	260.7	243.6	226.0	209.7	193.1
-47.5°	324.4	310.2	294.6	280.2	265.9	251.1	236.5	221.0	207.2	192.2	175.6
-50°	285.3	275.2	263.6	251.1	239.1	226.3	214.1	202.1	188.2	172.8	156.3
-52.5°	254.5	245.1	235.0	224.4	214.6	204.6	193.9	180.7	166.8	151.0	134.2
-55°	223.7	216.4	209.0	201.1	192.4	181.9	170.4	157.1	142.3	127.2	112.4
-57.5°	197.5	191.3	184.1	176.2	167.7	156.3	143.5	130.4	117.8	104.7	91.0
-60°	169.5	164.2	155.9	146.8	136.9	126.2	116.0	105.3	94.2	83.3	71.9
-62.5°	136.4	129.8	122.8	115.5	107.5	98.8	90.1	81.6	72.5	63.0	54.7
-65°	104.6	99.3	93.3	87.4	81.0	74.2	67.0	60.1	53.3	46.3	39.3
-67.5°	76.3	72.2	67.4	62.5	57.8	52.8	47.4	41.7	37.3	33.3	29.2
-70°	52.2	48.9	45.4	41.5	38.4	35.9	33.0	29.9	26.4	23.6	21.4
-72.5°	33.9	31.9	30.0	28.1	26.2	24.7	22.9	21.0	19.1	17.1	15.6
-75°	21.9	20.9	19.9	18.9	17.7	16.4	15.5	14.7	13.9	13.0	12.1
-77.5°	14.5	14.1	13.6	13.1	12.6	12.0	11.4	10.9	10.6	10.3	10.0
-80°	10.5	10.4	10.2	10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.6
-82.5°	8.6	8.5	8.4	8.3	8.2	8.1	7.9	7.8	7.6	7.4	7.2
-85°	6.8	6.7	6.6	6.5	6.5	6.4	6.3	6.2	6.1	5.9	5.8
-87.5°	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.8	3.7	3.5
-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°	3.4	3.2	3.0	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5
85°	5.7	5.6	5.4	5.3	5.1	5.0	4.6	4.2	3.8	3.4	3.0
82.5°	7.0	6.9	6.6	6.4	6.2	6.0	5.8	5.5	5.3	5.0	4.5
80°	8.4	8.1	7.9	7.6	7.2	7.0	6.7	6.3	5.9	5.5	5.2
77.5°	9.7	9.4	9.1	8.7	8.1	7.7	7.4	7.1	6.5	6.0	5.6
75°	11.1	10.7	10.3	9.8	9.1	8.4	7.9	7.5	7.0	6.5	5.9
72.5°	14.4	13.3	12.1	10.9	10.3	9.6	8.7	7.9	7.5	7.0	6.3
70°	19.1	16.7	15.0	13.6	12.2	10.8	9.9	9.0	8.0	7.5	6.8
67.5°	24.9	22.3	19.5	16.6	14.7	13.1	11.4	10.2	9.1	8.0	7.3
65°	34.5	29.6	24.7	21.5	18.2	15.4	13.5	11.6	10.2	9.0	7.8
62.5°	46.3	38.6	32.9	27.1	22.7	19.1	15.6	13.5	11.4	9.9	8.6
60°	60.9	51.5	41.8	34.5	28.2	23.1	19.1	15.4	13.1	10.8	9.4
57.5°	78.3	65.4	54.4	43.3	34.7	28.1	22.7	18.2	14.7	12.2	10.2
55°	96.5	81.9	67.8	55.0	42.8	33.7	26.9	21.5	16.6	13.6	10.9
52.5°	117.0	99.4	83.2	67.6	53.5	40.2	32.0	24.7	19.5	15.0	12.1
50°	137.6	118.3	99.3	81.7	64.5	50.0	37.1	29.1	22.3	16.7	13.2
47.5°	158.0	137.2	116.2	96.0	77.4	59.5	44.8	33.6	24.9	19.1	14.3
45°	175.3	156.1	133.1	111.0	90.0	70.5	53.1	38.1	28.9	21.4	15.3
42.5°	190.9	172.1	150.5	125.3	103.2	81.8	61.1	44.8	32.7	23.6	16.9
40°	206.1	185.9	166.4	141.1	115.9	92.7	70.8	51.7	36.5	26.0	18.7
37.5°	220.9	199.5	178.5	156.0	128.4	103.9	80.3	58.2	40.5	29.1	20.5
35°	237.3	213.0	189.9	168.1	141.2	114.4	89.4	65.2	46.0	31.9	22.2
32.5°	253.2	226.6	201.9	178.2	153.2	124.2	98.3	73.0	51.2	34.6	23.8
30°	267.6	240.2	213.4	187.9	163.5	134.3	106.7	80.3	56.2	37.1	25.5
27.5°	281.1	252.6	224.4	197.7	171.9	143.6	114.6	87.1	60.9	40.0	27.5
25°	295.6	264.4	235.0	207.0	179.7	152.6	121.9	93.3	66.1	43.8	29.3
22.5°	311.9	275.8	244.3	215.6	187.3	160.9	129.0	99.3	71.2	47.3	31.0
20°	326.4	286.7	252.7	223.2	194.3	167.3	135.8	104.7	75.7	50.5	32.4
17.5°	338.8	297.4	261.9	230.3	200.6	172.9	142.0	109.6	79.8	53.3	33.7
15°	348.6	307.6	269.8	236.8	205.9	177.8	147.4	113.9	83.3	55.9	34.8
12.5°	357.0	316.5	276.3	242.6	210.3	181.9	152.2	117.6	86.3	58.1	35.8
10°	363.8	324.0	281.4	247.7	213.8	185.3	156.3	120.7	88.5	59.8	36.6
7.5°	369.2	330.1	285.1	251.9	216.4	188.0	159.3	123.2	90.2	61.2	37.2
5°	373.0	334.4	288.0	254.5	218.8	190.0	161.3	125.1	91.4	62.2	37.6
2.5°	375.2	336.6	290.0	255.8	220.3	191.3	162.6	126.4	91.9	62.8	37.9
0°	376.0	337.0	291.0	256.0	221.0	192.0	163.0	127.0	92.0	63.0	38.0
-2.5°	375.2	336.6	290.0	255.8	220.3	191.3	162.6	126.4	91.9	62.8	37.9
-5°	373.0	334.4	288.0	254.5	218.8	190.0	161.3	125.1	91.4	62.2	37.6
-7.5°	369.2	330.1	285.1	251.9	216.4	188.0	159.3	123.2	90.2	61.2	37.2
-10°	363.8	324.0	281.4	247.7	213.8	185.3	156.3	120.7	88.5	59.8	36.6
-12.5°	357.0	316.5	276.3	242.6	210.3	181.9	152.2	117.6	86.3	58.1	35.8
-15°	348.6	307.6	269.8	236.8	205.9	177.8	147.4	113.9	83.3	55.9	34.8
-17.5°	338.8	297.4	261.9	230.3	200.6	172.9	142.0	109.6	79.8	53.3	33.7
-20°	326.4	286.7	252.7	223.2	194.3	167.3	135.8	104.7	75.7	50.5	32.4



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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°	311.9	275.8	244.3	215.6	187.3	160.9	129.0	99.3	71.2	47.3	31.0
-25°	295.6	264.4	235.0	207.0	179.7	152.6	121.9	93.3	66.1	43.8	29.3
-27.5°	281.1	252.6	224.4	197.7	171.9	143.6	114.6	87.1	60.9	40.0	27.5
-30°	267.6	240.2	213.4	187.9	163.5	134.3	106.7	80.3	56.2	37.1	25.5
-32.5°	253.2	226.6	201.9	178.2	153.2	124.2	98.3	73.0	51.2	34.6	23.8
-35°	237.3	213.0	189.9	168.1	141.2	114.4	89.4	65.2	46.0	31.9	22.2
-37.5°	220.9	199.5	178.5	156.0	128.4	103.9	80.3	58.2	40.5	29.1	20.5
-40°	206.1	185.9	166.4	141.1	115.9	92.7	70.8	51.7	36.5	26.0	18.7
-42.5°	190.9	172.1	150.5	125.3	103.2	81.8	61.1	44.8	32.7	23.6	16.9
-45°	175.3	156.1	133.1	111.0	90.0	70.5	53.1	38.1	28.9	21.4	15.3
-47.5°	158.0	137.2	116.2	96.0	77.4	59.5	44.8	33.6	24.9	19.1	14.3
-50°	137.6	118.3	99.3	81.7	64.5	50.0	37.1	29.1	22.3	16.7	13.2
-52.5°	117.0	99.4	83.2	67.6	53.5	40.2	32.0	24.7	19.5	15.0	12.1
-55°	96.5	81.9	67.8	55.0	42.8	33.7	26.9	21.5	16.6	13.6	10.9
-57.5°	78.3	65.4	54.4	43.3	34.7	28.1	22.7	18.2	14.7	12.2	10.2
-60°	60.9	51.5	41.8	34.5	28.2	23.1	19.1	15.4	13.1	10.8	9.4
-62.5°	46.3	38.6	32.9	27.1	22.7	19.1	15.6	13.5	11.4	9.9	8.6
-65°	34.5	29.6	24.7	21.5	18.2	15.4	13.5	11.6	10.2	9.0	7.8
-67.5°	24.9	22.3	19.5	16.6	14.7	13.1	11.4	10.2	9.1	8.0	7.3
-70°	19.1	16.7	15.0	13.6	12.2	10.8	9.9	9.0	8.0	7.5	6.8
-72.5°	14.4	13.3	12.1	10.9	10.3	9.6	8.7	7.9	7.5	7.0	6.3
-75°	11.1	10.7	10.3	9.8	9.1	8.4	7.9	7.5	7.0	6.5	5.9
-77.5°	9.7	9.4	9.1	8.7	8.1	7.7	7.4	7.1	6.5	6.0	5.6
-80°	8.4	8.1	7.9	7.6	7.2	7.0	6.7	6.3	5.9	5.5	5.2
-82.5°	7.0	6.9	6.6	6.4	6.2	6.0	5.8	5.5	5.3	5.0	4.5
-85°	5.7	5.6	5.4	5.3	5.1	5.0	4.6	4.2	3.8	3.4	3.0
-87.5°	3.4	3.2	3.0	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5
-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°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
85°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
82.5°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
80°	5.0	4.3	3.5	2.6	1.7	0.9	0.0
77.5°	5.3	5.1	4.3	3.2	2.2	1.1	0.0
75°	5.5	5.3	5.0	3.9	2.6	1.3	0.0
72.5°	5.8	5.5	5.2	4.5	3.0	1.5	0.0
70°	6.1	5.7	5.4	5.0	3.4	1.7	0.0
67.5°	6.5	5.9	5.5	5.1	3.8	1.9	0.0
65°	7.0	6.2	5.7	5.3	4.2	2.1	0.0
62.5°	7.5	6.6	5.8	5.4	4.6	2.3	0.0
60°	7.9	7.0	6.0	5.5	5.0	2.5	0.0
57.5°	8.6	7.3	6.3	5.6	5.1	2.7	0.0
55°	9.2	7.7	6.6	5.7	5.1	2.9	0.0
52.5°	9.9	8.1	6.9	5.8	5.2	3.0	0.0
50°	10.5	8.6	7.1	5.9	5.3	3.2	0.0
47.5°	11.1	9.1	7.4	6.0	5.4	3.4	0.0
45°	12.0	9.6	7.6	6.2	5.4	3.5	0.0
42.5°	12.8	10.0	7.9	6.4	5.5	3.7	0.0
40°	13.6	10.5	8.2	6.6	5.5	3.8	0.0
37.5°	14.3	10.9	8.5	6.8	5.6	4.0	0.0
35°	14.9	11.4	8.8	7.0	5.6	4.1	0.0
32.5°	15.7	11.9	9.1	7.2	5.7	4.2	0.0
30°	17.0	12.3	9.4	7.3	5.7	4.3	0.0
27.5°	18.2	12.7	9.7	7.5	5.8	4.4	0.0
25°	19.3	13.1	9.9	7.7	5.8	4.5	0.0
22.5°	20.4	13.5	10.1	7.9	5.8	4.6	0.0
20°	21.3	13.8	10.3	8.0	5.9	4.7	0.0
17.5°	22.2	14.1	10.5	8.2	5.9	4.8	0.0
15°	22.9	14.3	10.7	8.3	5.9	4.8	0.0
12.5°	23.5	14.5	10.8	8.5	6.0	4.9	0.0
10°	24.1	14.7	10.9	8.6	6.0	4.9	0.0
7.5°	24.5	14.8	10.9	8.7	6.0	5.0	0.0
5°	24.8	14.9	11.0	8.8	6.0	5.0	0.0
2.5°	24.9	15.0	11.0	8.9	6.0	5.0	0.0
0°	25.0	15.0	11.0	9.0	6.0	5.0	0.0
-2.5°	24.9	15.0	11.0	8.9	6.0	5.0	0.0
-5°	24.8	14.9	11.0	8.8	6.0	5.0	0.0
-7.5°	24.5	14.8	10.9	8.7	6.0	5.0	0.0
-10°	24.1	14.7	10.9	8.6	6.0	4.9	0.0
-12.5°	23.5	14.5	10.8	8.5	6.0	4.9	0.0
-15°	22.9	14.3	10.7	8.3	5.9	4.8	0.0
-17.5°	22.2	14.1	10.5	8.2	5.9	4.8	0.0
-20°	21.3	13.8	10.3	8.0	5.9	4.7	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	20.4	13.5	10.1	7.9	5.8	4.6	0.0
-25°	19.3	13.1	9.9	7.7	5.8	4.5	0.0
-27.5°	18.2	12.7	9.7	7.5	5.8	4.4	0.0
-30°	17.0	12.3	9.4	7.3	5.7	4.3	0.0
-32.5°	15.7	11.9	9.1	7.2	5.7	4.2	0.0
-35°	14.9	11.4	8.8	7.0	5.6	4.1	0.0
-37.5°	14.3	10.9	8.5	6.8	5.6	4.0	0.0
-40°	13.6	10.5	8.2	6.6	5.5	3.8	0.0
-42.5°	12.8	10.0	7.9	6.4	5.5	3.7	0.0
-45°	12.0	9.6	7.6	6.2	5.4	3.5	0.0
-47.5°	11.1	9.1	7.4	6.0	5.4	3.4	0.0
-50°	10.5	8.6	7.1	5.9	5.3	3.2	0.0
-52.5°	9.9	8.1	6.9	5.8	5.2	3.0	0.0
-55°	9.2	7.7	6.6	5.7	5.1	2.9	0.0
-57.5°	8.6	7.3	6.3	5.6	5.1	2.7	0.0
-60°	7.9	7.0	6.0	5.5	5.0	2.5	0.0
-62.5°	7.5	6.6	5.8	5.4	4.6	2.3	0.0
-65°	7.0	6.2	5.7	5.3	4.2	2.1	0.0
-67.5°	6.5	5.9	5.5	5.1	3.8	1.9	0.0
-70°	6.1	5.7	5.4	5.0	3.4	1.7	0.0
-72.5°	5.8	5.5	5.2	4.5	3.0	1.5	0.0
-75°	5.5	5.3	5.0	3.9	2.6	1.3	0.0
-77.5°	5.3	5.1	4.3	3.2	2.2	1.1	0.0
-80°	5.0	4.3	3.5	2.6	1.7	0.9	0.0
-82.5°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
-85°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
-87.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)