

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: P722788 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-16-720PL-RGB-5S_ALL-ON**

Issue Date: 11/1/2023

Test Information

Test Method: LM-79-08
Report Number: P722788 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2308-140-20)
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_ALL-ON
Description: LUMASPORT 16 PRISM RGB
Light Source: -
Ballast/Driver: -

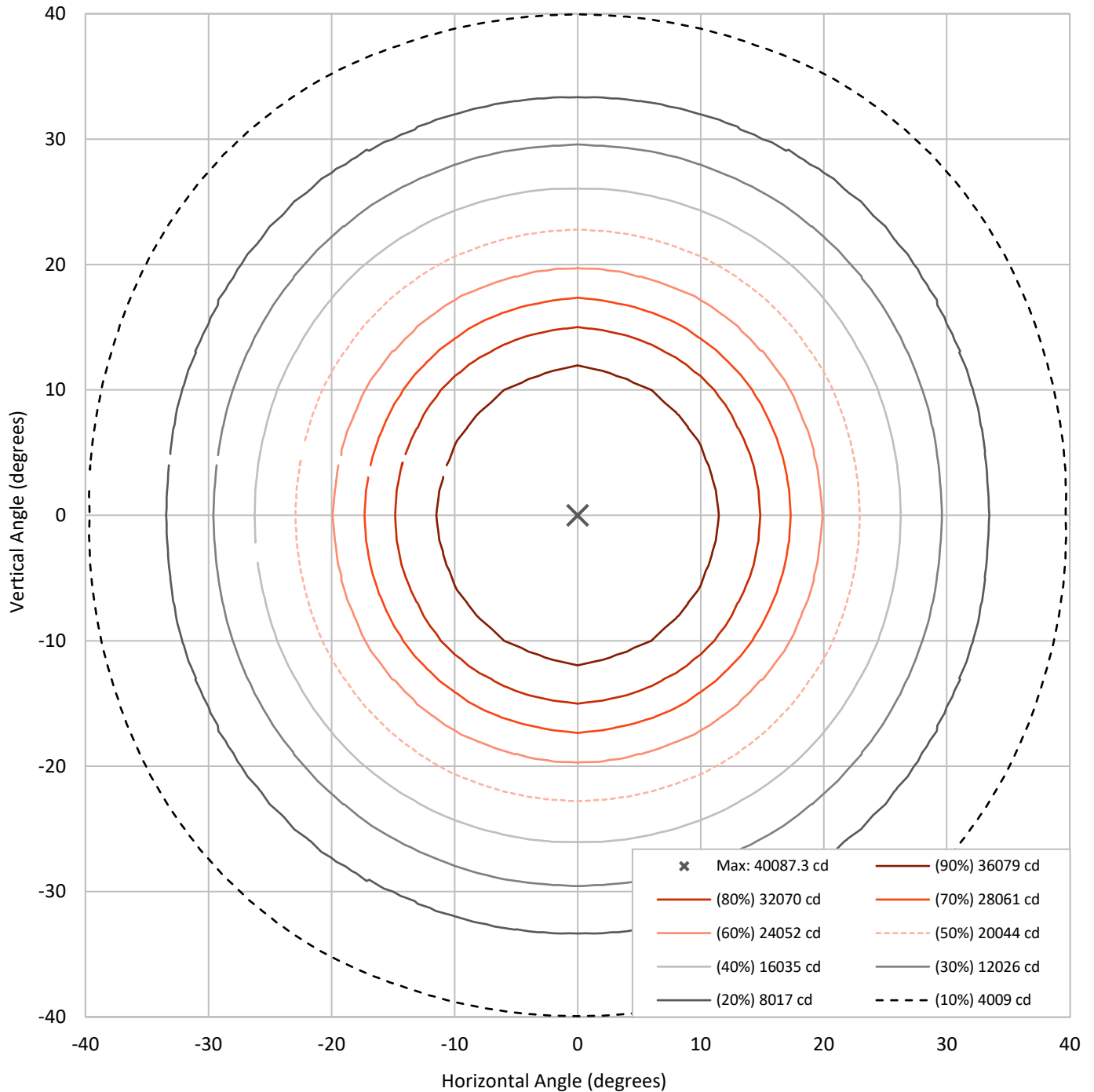
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	26821.5 lumens	Max Intensity:	40087.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	36.9 lumens/watt		
Luminous Opening:	Circular (Dia: 1.67' x H: 0')		
Beam Angle (50%):	45.8°H x 45.6°V	Field Angle (10%):	79.3°H x 79.9°V
Beam Lumens:	14835.2 lumens	Field Lumens:	24589.4 lumens
Beam Efficiency:	55.3%	Field Efficiency:	91.7%
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: P722788 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_ALL-ON

Iso-Candela Plot





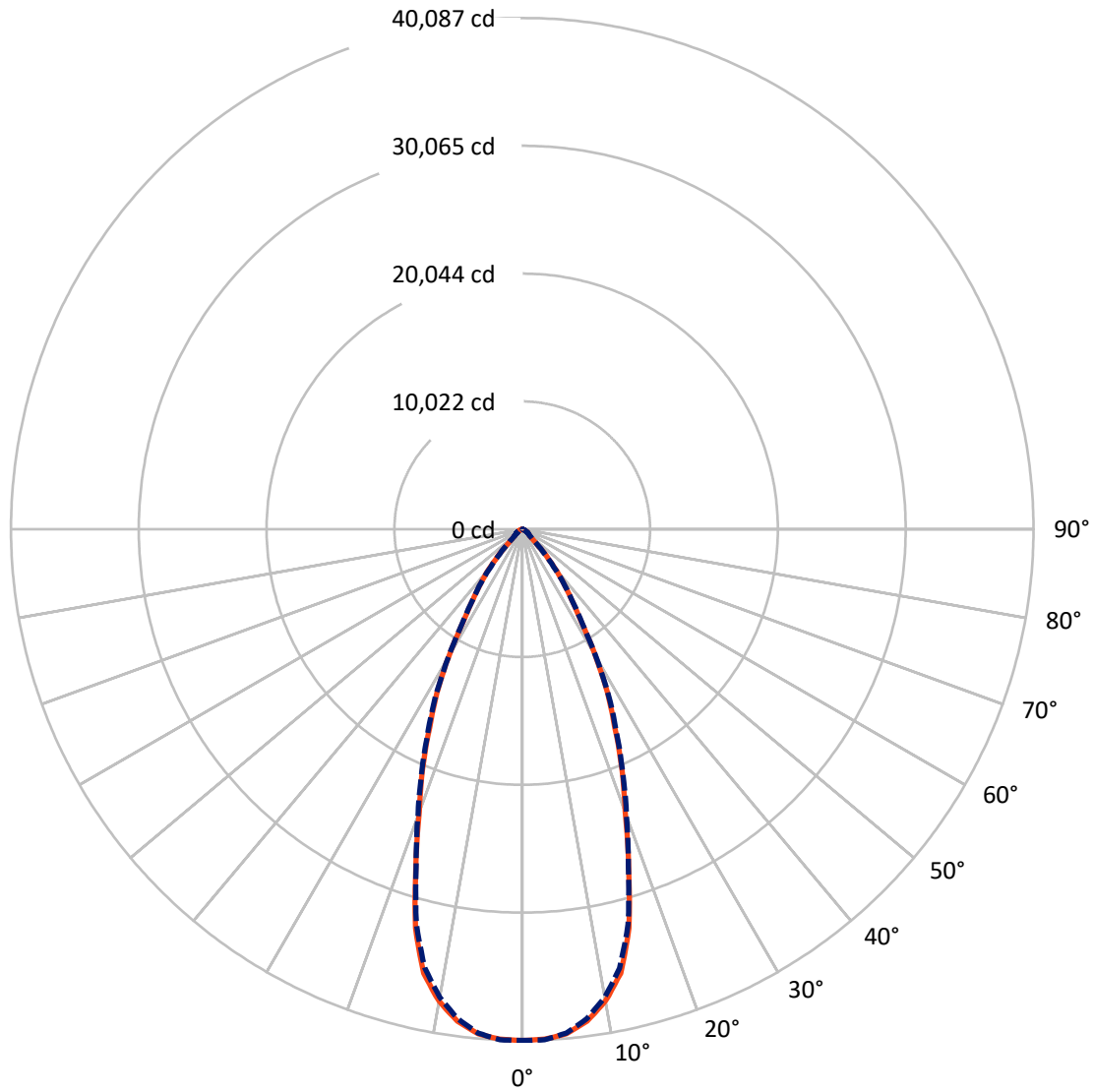
REPORT NUMBER: P722788 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_ALL-ON

Lumen Table

90	0.1	0.6	1.6	3.0	3.6	3.0	1.6	0.6	0.1										
80																			
70																			
60	0.3	0.3	0.7	1.7	3.1	4.7	6.2	7.0	7.0	6.2	4.7	3.1	1.7	0.7	0.3				0.3
50		0.5	1.8	4.5	8.3	12.3	15.3	16.9	16.9	15.3	12.3	8.3	4.5	1.8	0.5				
40	0.5	1.0	3.6	8.7	14.5	21.7	36.9	51.5	51.5	36.9	21.7	14.5	8.7	3.6	1.0				0.5
30		1.6	5.9	12.5	26.1	79.4	153.4	206.3	206.3	153.4	79.4	26.1	12.5	5.9	1.6				
20	0.8	2.3	7.8	17.2	71.9	198.1	374.1	505.5	505.5	374.1	198.1	71.9	17.2	7.8	2.3				0.8
10		2.8	9.1	27.5	131.0	353.5	655.7	906.0	906.0	655.7	353.5	131.0	27.5	9.1	2.8				
0	0.9	3.1	9.9	37.3	171.2	465.8	879.6	1160.2	1160.2	879.6	465.8	171.2	37.3	9.9	3.1				0.9
-10		3.1	9.9	37.3	171.2	465.8	879.6	1160.2	1160.2	879.6	465.8	171.2	37.3	9.9	3.1				
-20	0.8	2.8	9.1	27.5	131.0	353.5	655.7	906.0	906.0	655.7	353.5	131.0	27.5	9.1	2.8				0.8
-30		2.3	7.8	17.2	71.9	198.1	374.1	505.5	505.5	374.1	198.1	71.9	17.2	7.8	2.3				
-40	0.5	1.6	5.9	12.5	26.1	79.4	153.4	206.3	206.3	153.4	79.4	26.1	12.5	5.9	1.6				0.5
-50		1.0	3.6	8.7	14.5	21.7	36.9	51.5	51.5	36.9	21.7	14.5	8.7	3.6	1.0				
-60	0.3	0.5	1.8	4.5	8.3	12.3	15.3	16.9	16.9	15.3	12.3	8.3	4.5	1.8	0.5				0.3
-70		0.3	0.7	1.7	3.1	4.7	6.2	7.0	7.0	6.2	4.7	3.1	1.7	0.7	0.3				
-80	0.1	0.6	1.6	3.0	3.6	3.0	1.6	0.6	0.1										
-90																			
	-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-5S_ALL-ON

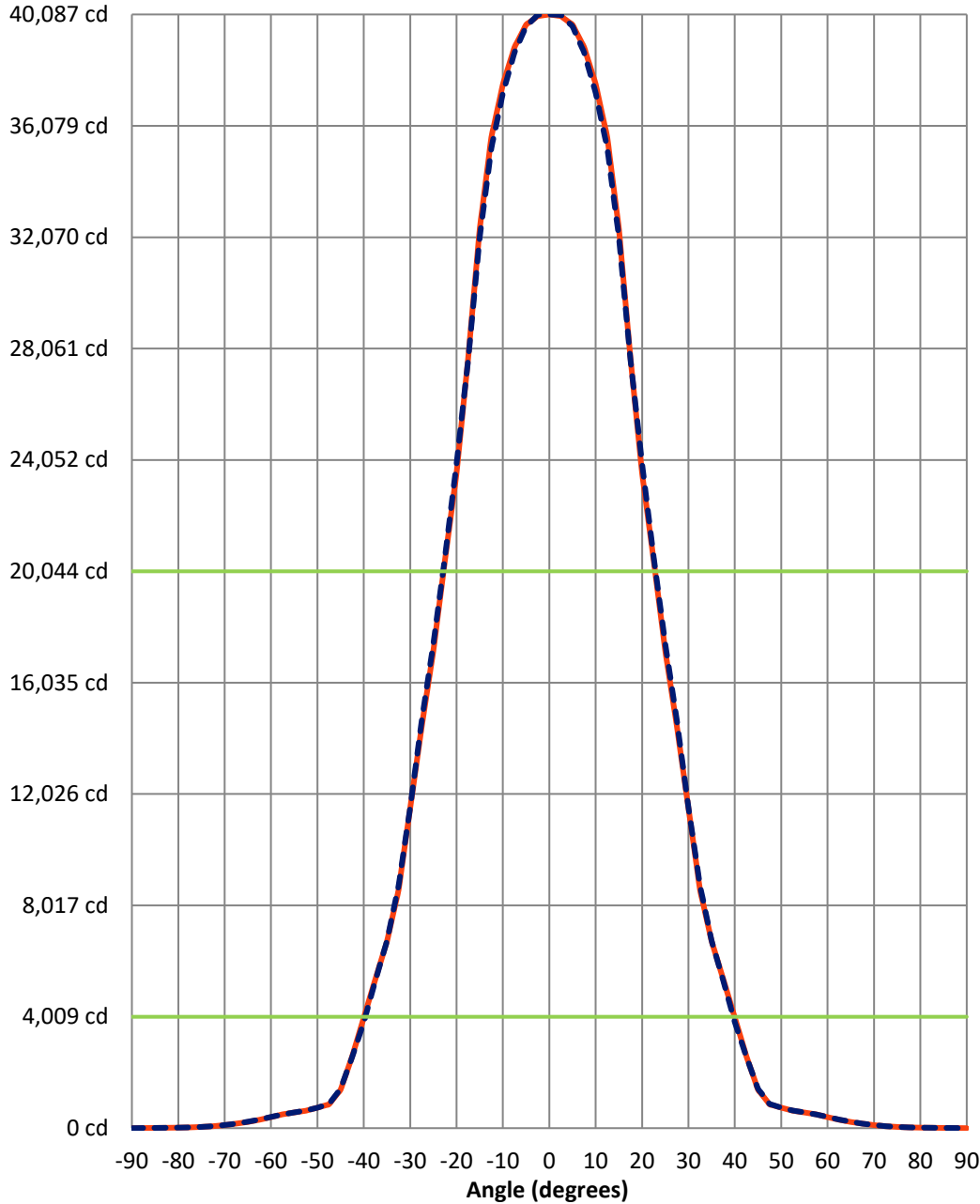
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_ALL-ON

Luminous Intensity Plot



Beam:
 H Angle: 45.8°
 V Angle: 45.6°
 Lumens: 14835.2
 Efficiency: 55.3%

Field:
 H Angle: 79.3°
 V Angle: 79.9°
 Lumens: 24589.4
 Efficiency: 91.7%

Spill:
 Lumens: 2232
 Efficiency: 8.3%

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



REPORT NUMBER: P722788 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_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	0.2	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	5.1	5.5	6.0
80°	0.0	0.9	1.7	2.6	3.5	4.3	5.1	5.7	6.3	6.9	7.5
77.5°	0.0	1.1	2.2	3.2	4.3	5.3	6.1	6.8	7.6	8.3	9.2
75°	0.0	1.3	2.6	3.9	5.1	6.1	7.0	7.9	8.9	10.1	11.3
72.5°	0.0	1.5	3.0	4.5	5.7	6.8	7.9	9.1	10.5	11.9	13.3
70°	0.0	1.7	3.4	5.1	6.3	7.6	8.9	10.5	12.1	13.7	15.3
67.5°	0.0	1.9	3.8	5.5	6.9	8.3	10.1	11.9	13.7	15.5	17.2
65°	0.0	2.1	4.2	6.0	7.5	9.2	11.3	13.3	15.3	17.2	19.7
62.5°	0.0	2.3	4.6	6.4	8.1	10.2	12.4	14.6	16.8	19.3	23.4
60°	0.0	2.5	5.0	6.8	8.7	11.1	13.6	15.9	18.3	22.4	27.1
57.5°	0.0	2.7	5.3	7.3	9.4	12.1	14.7	17.2	20.7	25.5	32.4
55°	0.0	2.9	5.5	7.7	10.1	13.0	15.7	18.5	23.3	29.1	38.6
52.5°	0.0	3.0	5.8	8.0	10.8	13.8	16.8	20.5	25.7	34.7	44.7
50°	0.0	3.2	6.1	8.4	11.5	14.7	17.8	22.6	28.9	40.2	53.5
47.5°	0.0	3.4	6.3	8.8	12.2	15.5	18.8	24.6	33.7	45.6	62.3
45°	0.0	3.5	6.5	9.3	12.8	16.3	20.5	26.5	38.5	53.2	70.8
42.5°	0.0	3.7	6.8	9.7	13.4	17.0	22.1	29.6	43.0	60.4	82.3
40°	0.0	3.8	7.0	10.2	14.0	17.7	23.6	33.4	48.0	67.3	94.0
37.5°	0.0	4.0	7.2	10.6	14.5	18.4	25.0	37.0	53.7	74.8	105.2
35°	0.0	4.1	7.4	11.0	15.0	19.3	26.4	40.5	59.2	84.2	117.0
32.5°	0.0	4.2	7.5	11.3	15.5	20.4	28.1	43.7	64.4	93.2	129.8
30°	0.0	4.3	7.7	11.7	16.0	21.4	30.7	47.0	69.2	101.5	141.8
27.5°	0.0	4.4	7.9	12.0	16.4	22.3	33.1	50.9	74.6	109.3	153.1
25°	0.0	4.5	8.0	12.3	16.7	23.2	35.3	54.5	80.9	117.8	163.7
22.5°	0.0	4.6	8.1	12.6	17.1	23.9	37.3	57.8	86.7	126.4	175.9
20°	0.0	4.7	8.3	12.8	17.4	24.6	39.1	60.7	91.9	134.1	186.8
17.5°	0.0	4.8	8.4	13.0	17.7	25.3	40.6	63.3	96.5	141.0	196.5
15°	0.0	4.8	8.4	13.2	17.9	25.8	41.9	65.5	100.5	147.0	205.0
12.5°	0.0	4.9	8.5	13.3	18.1	26.3	42.9	67.3	104.0	152.2	212.2
10°	0.0	4.9	8.6	13.5	18.3	26.6	43.7	68.7	107.0	156.0	218.2
7.5°	0.0	5.0	8.6	13.6	18.4	26.9	44.3	69.8	109.4	158.8	223.5
5°	0.0	5.0	8.7	13.6	18.5	27.1	44.6	70.5	111.3	160.6	227.7
2.5°	0.0	5.0	8.7	13.7	18.6	27.3	44.8	70.8	112.5	161.5	230.6
0°	0.0	5.0	8.7	13.7	18.6	27.3	44.7	70.8	113.0	161.4	232.2
-2.5°	0.0	5.0	8.7	13.7	18.6	27.3	44.8	70.8	112.5	161.5	230.6
-5°	0.0	5.0	8.7	13.6	18.5	27.1	44.6	70.5	111.3	160.6	227.7
-7.5°	0.0	5.0	8.6	13.6	18.4	26.9	44.3	69.8	109.4	158.8	223.5
-10°	0.0	4.9	8.6	13.5	18.3	26.6	43.7	68.7	107.0	156.0	218.2
-12.5°	0.0	4.9	8.5	13.3	18.1	26.3	42.9	67.3	104.0	152.2	212.2
-15°	0.0	4.8	8.4	13.2	17.9	25.8	41.9	65.5	100.5	147.0	205.0
-17.5°	0.0	4.8	8.4	13.0	17.7	25.3	40.6	63.3	96.5	141.0	196.5
-20°	0.0	4.7	8.3	12.8	17.4	24.6	39.1	60.7	91.9	134.1	186.8



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 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_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	4.6	8.1	12.6	17.1	23.9	37.3	57.8	86.7	126.4	175.9
-25°	0.0	4.5	8.0	12.3	16.7	23.2	35.3	54.5	80.9	117.8	163.7
-27.5°	0.0	4.4	7.9	12.0	16.4	22.3	33.1	50.9	74.6	109.3	153.1
-30°	0.0	4.3	7.7	11.7	16.0	21.4	30.7	47.0	69.2	101.5	141.8
-32.5°	0.0	4.2	7.5	11.3	15.5	20.4	28.1	43.7	64.4	93.2	129.8
-35°	0.0	4.1	7.4	11.0	15.0	19.3	26.4	40.5	59.2	84.2	117.0
-37.5°	0.0	4.0	7.2	10.6	14.5	18.4	25.0	37.0	53.7	74.8	105.2
-40°	0.0	3.8	7.0	10.2	14.0	17.7	23.6	33.4	48.0	67.3	94.0
-42.5°	0.0	3.7	6.8	9.7	13.4	17.0	22.1	29.6	43.0	60.4	82.3
-45°	0.0	3.5	6.5	9.3	12.8	16.3	20.5	26.5	38.5	53.2	70.8
-47.5°	0.0	3.4	6.3	8.8	12.2	15.5	18.8	24.6	33.7	45.6	62.3
-50°	0.0	3.2	6.1	8.4	11.5	14.7	17.8	22.6	28.9	40.2	53.5
-52.5°	0.0	3.0	5.8	8.0	10.8	13.8	16.8	20.5	25.7	34.7	44.7
-55°	0.0	2.9	5.5	7.7	10.1	13.0	15.7	18.5	23.3	29.1	38.6
-57.5°	0.0	2.7	5.3	7.3	9.4	12.1	14.7	17.2	20.7	25.5	32.4
-60°	0.0	2.5	5.0	6.8	8.7	11.1	13.6	15.9	18.3	22.4	27.1
-62.5°	0.0	2.3	4.6	6.4	8.1	10.2	12.4	14.6	16.8	19.3	23.4
-65°	0.0	2.1	4.2	6.0	7.5	9.2	11.3	13.3	15.3	17.2	19.7
-67.5°	0.0	1.9	3.8	5.5	6.9	8.3	10.1	11.9	13.7	15.5	17.2
-70°	0.0	1.7	3.4	5.1	6.3	7.6	8.9	10.5	12.1	13.7	15.3
-72.5°	0.0	1.5	3.0	4.5	5.7	6.8	7.9	9.1	10.5	11.9	13.3
-75°	0.0	1.3	2.6	3.9	5.1	6.1	7.0	7.9	8.9	10.1	11.3
-77.5°	0.0	1.1	2.2	3.2	4.3	5.3	6.1	6.8	7.6	8.3	9.2
-80°	0.0	0.9	1.7	2.6	3.5	4.3	5.1	5.7	6.3	6.9	7.5
-82.5°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.1	5.5	6.0
-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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 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_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°	2.3	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	5.3	5.5	5.8	6.1	6.3	6.5	6.8	7.0	7.2
82.5°	6.4	6.8	7.3	7.7	8.0	8.4	8.8	9.3	9.7	10.2	10.6
80°	8.1	8.7	9.4	10.1	10.8	11.5	12.2	12.8	13.4	14.0	14.5
77.5°	10.2	11.1	12.1	13.0	13.8	14.7	15.5	16.3	17.0	17.7	18.4
75°	12.4	13.6	14.7	15.7	16.8	17.8	18.9	20.8	22.6	24.3	26.0
72.5°	14.6	15.9	17.2	18.5	20.8	23.2	25.5	27.7	30.7	34.1	37.2
70°	16.8	18.3	21.0	23.9	26.7	29.9	34.4	38.9	43.2	47.6	53.4
67.5°	19.3	22.7	26.1	29.8	34.9	40.1	45.3	53.3	61.1	68.0	75.3
65°	23.6	27.4	32.6	38.4	44.1	53.0	62.3	71.4	83.6	94.9	105.4
62.5°	27.8	34.1	40.6	48.5	58.6	68.8	82.6	97.2	111.2	127.6	143.7
60°	34.0	41.3	51.0	62.4	74.5	90.9	107.3	126.8	146.8	165.7	187.7
57.5°	40.7	51.0	63.9	78.4	96.2	114.9	138.4	161.0	186.5	211.8	237.1
55°	48.8	62.9	78.7	98.1	119.8	145.4	171.9	201.3	229.9	263.1	294.7
52.5°	59.3	75.4	96.4	119.7	147.6	177.7	210.2	244.8	282.1	319.2	359.4
50°	69.5	91.3	114.8	144.9	177.6	213.5	252.3	294.0	337.8	382.5	428.4
47.5°	82.6	106.8	137.3	171.0	210.8	252.7	297.9	347.2	396.5	448.8	500.2
45°	96.4	125.5	159.1	201.6	245.5	293.5	346.9	401.1	458.7	510.9	546.6
42.5°	109.7	144.7	185.4	231.4	281.7	337.0	396.1	458.3	513.5	552.9	589.5
40°	126.0	163.3	211.5	263.0	318.1	381.7	447.8	509.7	552.4	592.0	629.7
37.5°	142.0	186.0	237.0	293.0	358.1	427.0	498.1	545.6	588.4	628.2	695.5
35°	157.1	207.4	263.2	325.2	396.3	472.1	531.6	579.2	621.8	688.0	765.3
32.5°	173.8	227.5	287.8	358.7	435.4	510.3	562.6	609.3	670.6	749.4	842.6
30°	190.9	248.4	312.7	390.4	472.2	536.5	589.9	642.5	722.3	821.5	1050.6
27.5°	206.9	268.1	339.8	421.4	503.9	560.7	614.3	687.6	782.9	936.0	1320.0
25°	221.7	287.1	365.0	450.5	524.5	582.3	641.9	729.9	845.5	1174.6	1817.8
22.5°	236.2	305.0	388.8	476.9	543.1	602.2	678.5	782.0	967.3	1409.6	2335.6
20°	250.7	324.9	410.9	500.0	559.9	620.8	712.5	831.7	1154.1	1851.1	2876.2
17.5°	263.8	342.5	431.1	514.7	576.3	643.2	745.4	876.7	1321.1	2254.9	3405.0
15°	275.6	357.8	448.7	527.8	590.8	668.0	780.0	998.9	1571.1	2637.5	3875.6
12.5°	285.8	370.8	463.7	539.0	603.3	688.4	808.7	1113.6	1856.2	3011.9	4302.2
10°	294.5	381.5	476.1	548.4	613.6	704.7	831.6	1209.3	2091.8	3324.8	4654.8
7.5°	300.8	390.2	485.6	555.9	621.9	716.8	848.8	1285.1	2276.5	3577.9	4928.3
5°	305.1	397.3	491.4	561.3	628.2	725.9	860.7	1340.2	2408.9	3766.9	5121.2
2.5°	307.4	402.3	494.2	564.8	632.5	733.0	869.1	1390.0	2510.5	3838.7	5247.0
0°	308.0	404.9	494.3	566.3	634.6	736.4	871.8	1418.3	2563.3	3811.4	5310.4
-2.5°	307.4	402.3	494.2	564.8	632.5	733.0	869.1	1390.0	2510.5	3838.7	5247.0
-5°	305.1	397.3	491.4	561.3	628.2	725.9	860.7	1340.2	2408.9	3766.9	5121.2
-7.5°	300.8	390.2	485.6	555.9	621.9	716.8	848.8	1285.1	2276.5	3577.9	4928.3
-10°	294.5	381.5	476.1	548.4	613.6	704.7	831.6	1209.3	2091.8	3324.8	4654.8
-12.5°	285.8	370.8	463.7	539.0	603.3	688.4	808.7	1113.6	1856.2	3011.9	4302.2
-15°	275.6	357.8	448.7	527.8	590.8	668.0	780.0	998.9	1571.1	2637.5	3875.6
-17.5°	263.8	342.5	431.1	514.7	576.3	643.2	745.4	876.7	1321.1	2254.9	3405.0
-20°	250.7	324.9	410.9	500.0	559.9	620.8	712.5	831.7	1154.1	1851.1	2876.2



REPORT NUMBER: P722788 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_ALL-ON

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	236.2	305.0	388.8	476.9	543.1	602.2	678.5	782.0	967.3	1409.6	2335.6
-25°	221.7	287.1	365.0	450.5	524.5	582.3	641.9	729.9	845.5	1174.6	1817.8
-27.5°	206.9	268.1	339.8	421.4	503.9	560.7	614.3	687.6	782.9	936.0	1320.0
-30°	190.9	248.4	312.7	390.4	472.2	536.5	589.9	642.5	722.3	821.5	1050.6
-32.5°	173.8	227.5	287.8	358.7	435.4	510.3	562.6	609.3	670.6	749.4	842.6
-35°	157.1	207.4	263.2	325.2	396.3	472.1	531.6	579.2	621.8	688.0	765.3
-37.5°	142.0	186.0	237.0	293.0	358.1	427.0	498.1	545.6	588.4	628.2	695.5
-40°	126.0	163.3	211.5	263.0	318.1	381.7	447.8	509.7	552.4	592.0	629.7
-42.5°	109.7	144.7	185.4	231.4	281.7	337.0	396.1	458.3	513.5	552.9	589.5
-45°	96.4	125.5	159.1	201.6	245.5	293.5	346.9	401.1	458.7	510.9	546.6
-47.5°	82.6	106.8	137.3	171.0	210.8	252.7	297.9	347.2	396.5	448.8	500.2
-50°	69.5	91.3	114.8	144.9	177.6	213.5	252.3	294.0	337.8	382.5	428.4
-52.5°	59.3	75.4	96.4	119.7	147.6	177.7	210.2	244.8	282.1	319.2	359.4
-55°	48.8	62.9	78.7	98.1	119.8	145.4	171.9	201.3	229.9	263.1	294.7
-57.5°	40.7	51.0	63.9	78.4	96.2	114.9	138.4	161.0	186.5	211.8	237.1
-60°	34.0	41.3	51.0	62.4	74.5	90.9	107.3	126.8	146.8	165.7	187.7
-62.5°	27.8	34.1	40.6	48.5	58.6	68.8	82.6	97.2	111.2	127.6	143.7
-65°	23.6	27.4	32.6	38.4	44.1	53.0	62.3	71.4	83.6	94.9	105.4
-67.5°	19.3	22.7	26.1	29.8	34.9	40.1	45.3	53.3	61.1	68.0	75.3
-70°	16.8	18.3	21.0	23.9	26.7	29.9	34.4	38.9	43.2	47.6	53.4
-72.5°	14.6	15.9	17.2	18.5	20.8	23.2	25.5	27.7	30.7	34.1	37.2
-75°	12.4	13.6	14.7	15.7	16.8	17.8	18.9	20.8	22.6	24.3	26.0
-77.5°	10.2	11.1	12.1	13.0	13.8	14.7	15.5	16.3	17.0	17.7	18.4
-80°	8.1	8.7	9.4	10.1	10.8	11.5	12.2	12.8	13.4	14.0	14.5
-82.5°	6.4	6.8	7.3	7.7	8.0	8.4	8.8	9.3	9.7	10.2	10.6
-85°	4.6	5.0	5.3	5.5	5.8	6.1	6.3	6.5	6.8	7.0	7.2
-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: P722788 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_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°	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.9	4.9
85°	7.4	7.5	7.7	7.9	8.0	8.1	8.3	8.4	8.4	8.5	8.6
82.5°	11.0	11.3	11.7	12.0	12.3	12.6	12.8	13.0	13.2	13.3	13.5
80°	15.0	15.5	16.0	16.4	16.7	17.1	17.4	17.7	17.9	18.1	18.3
77.5°	19.4	20.6	21.6	22.5	23.2	23.9	24.6	25.3	25.8	26.3	26.6
75°	27.6	29.1	31.1	33.0	34.8	36.6	38.3	39.8	41.1	42.2	43.1
72.5°	40.1	42.7	45.7	49.7	53.2	56.5	59.5	62.1	64.4	66.1	67.4
70°	58.8	63.9	68.7	73.8	79.8	85.4	90.6	95.2	99.2	102.1	104.0
67.5°	84.2	92.5	100.5	108.0	116.8	125.5	133.1	139.7	145.2	149.8	153.8
65°	116.7	129.8	142.5	154.1	164.7	176.2	186.2	194.9	202.3	208.4	213.3
62.5°	159.3	176.0	192.6	208.0	222.1	236.3	249.5	261.2	271.3	280.0	287.6
60°	208.6	228.3	250.5	270.9	289.5	306.2	323.9	339.4	352.7	364.2	374.6
57.5°	264.9	291.4	317.5	343.4	367.3	389.1	410.3	430.4	448.1	463.3	477.0
55°	328.0	361.6	393.2	424.1	454.0	482.0	505.8	519.4	530.8	539.9	549.3
52.5°	397.8	437.6	475.2	507.8	529.2	549.0	566.9	580.3	591.5	600.6	609.4
50°	474.0	512.2	538.1	562.6	585.2	605.9	624.7	645.0	668.4	689.0	706.4
47.5°	533.0	562.5	589.6	614.8	643.5	681.3	715.7	746.9	777.7	804.0	824.7
45°	580.0	610.5	643.9	690.4	734.2	780.8	823.8	862.0	982.3	1100.6	1198.4
42.5°	624.2	674.2	727.0	783.4	838.8	950.6	1129.7	1295.7	1562.5	1854.6	2080.9
40°	691.3	753.7	819.8	924.8	1144.6	1367.9	1861.1	2315.2	2696.8	3044.6	3362.3
37.5°	766.7	841.8	1036.1	1286.4	1807.0	2375.6	2943.7	3451.5	3895.3	4347.7	4713.4
35°	849.8	1097.2	1426.3	2100.3	2774.5	3468.3	4098.0	4684.6	5212.2	5668.2	6044.3
32.5°	1104.2	1511.7	2247.2	3022.2	3808.1	4588.1	5303.7	5919.9	6476.9	7034.5	7555.5
30°	1452.1	2251.5	3106.3	3976.6	4868.6	5690.6	6428.2	7231.5	8024.4	8794.2	9742.7
27.5°	2105.6	3016.9	3970.8	4956.4	5882.7	6746.6	7826.9	8913.4	10251.6	11434.6	12533.8
25°	2745.4	3775.9	4843.5	5870.9	6889.7	8141.3	9637.1	11252.7	12855.6	14212.5	15300.5
22.5°	3409.6	4537.4	5658.1	6734.6	8149.9	9883.3	11758.3	13667.9	15332.2	16757.6	17958.3
20°	4038.4	5250.6	6419.7	7849.8	9651.8	11757.3	13929.5	15918.7	17658.6	19297.0	20762.9
17.5°	4643.4	5902.7	7262.4	8970.2	11252.2	13733.9	15909.5	18001.0	20003.7	21900.0	23579.4
15°	5177.0	6492.6	8111.3	10323.3	12868.6	15345.2	17656.8	20032.0	22204.3	24504.4	26686.8
12.5°	5646.0	7095.6	8949.1	11515.6	14282.3	16778.0	19372.8	21900.4	24556.7	27379.8	30431.7
10°	6044.4	7681.4	9868.7	12603.9	15459.5	18041.2	20903.6	23681.8	26877.6	30459.1	33350.5
7.5°	6355.9	8110.2	10574.7	13487.9	16283.3	19141.9	22113.2	25154.8	29002.7	32699.0	35336.2
5°	6579.5	8399.2	11081.7	14145.6	16997.3	19925.5	23020.7	26477.2	30773.3	34216.6	36338.4
2.5°	6710.5	8584.3	11399.2	14534.8	17369.4	20423.3	23573.6	27404.3	31805.4	35000.6	37037.7
0°	6744.8	8726.8	11538.5	14677.4	17436.3	20553.5	23920.3	27652.8	32067.1	35261.9	37258.3
-2.5°	6710.5	8584.3	11399.2	14534.8	17369.4	20423.3	23573.6	27404.3	31805.4	35000.6	37037.7
-5°	6579.5	8399.2	11081.7	14145.6	16997.3	19925.5	23020.7	26477.2	30773.3	34216.6	36338.4
-7.5°	6355.9	8110.2	10574.7	13487.9	16283.3	19141.9	22113.2	25154.8	29002.7	32699.0	35336.2
-10°	6044.4	7681.4	9868.7	12603.9	15459.5	18041.2	20903.6	23681.8	26877.6	30459.1	33350.5
-12.5°	5646.0	7095.6	8949.1	11515.6	14282.3	16778.0	19372.8	21900.4	24556.7	27379.8	30431.7
-15°	5177.0	6492.6	8111.3	10323.3	12868.6	15345.2	17656.8	20032.0	22204.3	24504.4	26686.8
-17.5°	4643.4	5902.7	7262.4	8970.2	11252.2	13733.9	15909.5	18001.0	20003.7	21900.0	23579.4
-20°	4038.4	5250.6	6419.7	7849.8	9651.8	11757.3	13929.5	15918.7	17658.6	19297.0	20762.9



REPORT NUMBER: P722788 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_ALL-ON

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3409.6	4537.4	5658.1	6734.6	8149.9	9883.3	11758.3	13667.9	15332.2	16757.6	17958.3
-25°	2745.4	3775.9	4843.5	5870.9	6889.7	8141.3	9637.1	11252.7	12855.6	14212.5	15300.5
-27.5°	2105.6	3016.9	3970.8	4956.4	5882.7	6746.6	7826.9	8913.4	10251.6	11434.6	12533.8
-30°	1452.1	2251.5	3106.3	3976.6	4868.6	5690.6	6428.2	7231.5	8024.4	8794.2	9742.7
-32.5°	1104.2	1511.7	2247.2	3022.2	3808.1	4588.1	5303.7	5919.9	6476.9	7034.5	7555.5
-35°	849.8	1097.2	1426.3	2100.3	2774.5	3468.3	4098.0	4684.6	5212.2	5668.2	6044.3
-37.5°	766.7	841.8	1036.1	1286.4	1807.0	2375.6	2943.7	3451.5	3895.3	4347.7	4713.4
-40°	691.3	753.7	819.8	924.8	1144.6	1367.9	1861.1	2315.2	2696.8	3044.6	3362.3
-42.5°	624.2	674.2	727.0	783.4	838.8	950.6	1129.7	1295.7	1562.5	1854.6	2080.9
-45°	580.0	610.5	643.9	690.4	734.2	780.8	823.8	862.0	982.3	1100.6	1198.4
-47.5°	533.0	562.5	589.6	614.8	643.5	681.3	715.7	746.9	777.7	804.0	824.7
-50°	474.0	512.2	538.1	562.6	585.2	605.9	624.7	645.0	668.4	689.0	706.4
-52.5°	397.8	437.6	475.2	507.8	529.2	549.0	566.9	580.3	591.5	600.6	609.4
-55°	328.0	361.6	393.2	424.1	454.0	482.0	505.8	519.4	530.8	539.9	549.3
-57.5°	264.9	291.4	317.5	343.4	367.3	389.1	410.3	430.4	448.1	463.3	477.0
-60°	208.6	228.3	250.5	270.9	289.5	306.2	323.9	339.4	352.7	364.2	374.6
-62.5°	159.3	176.0	192.6	208.0	222.1	236.3	249.5	261.2	271.3	280.0	287.6
-65°	116.7	129.8	142.5	154.1	164.7	176.2	186.2	194.9	202.3	208.4	213.3
-67.5°	84.2	92.5	100.5	108.0	116.8	125.5	133.1	139.7	145.2	149.8	153.8
-70°	58.8	63.9	68.7	73.8	79.8	85.4	90.6	95.2	99.2	102.1	104.0
-72.5°	40.1	42.7	45.7	49.7	53.2	56.5	59.5	62.1	64.4	66.1	67.4
-75°	27.6	29.1	31.1	33.0	34.8	36.6	38.3	39.8	41.1	42.2	43.1
-77.5°	19.4	20.6	21.6	22.5	23.2	23.9	24.6	25.3	25.8	26.3	26.6
-80°	15.0	15.5	16.0	16.4	16.7	17.1	17.4	17.7	17.9	18.1	18.3
-82.5°	11.0	11.3	11.7	12.0	12.3	12.6	12.8	13.0	13.2	13.3	13.5
-85°	7.4	7.5	7.7	7.9	8.0	8.1	8.3	8.4	8.4	8.5	8.6
-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: P722788 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_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°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.8	4.8
85°	8.6	8.7	8.7	8.7	8.7	8.7	8.6	8.6	8.5	8.4	8.4
82.5°	13.6	13.6	13.7	13.7	13.7	13.6	13.6	13.5	13.3	13.2	13.0
80°	18.4	18.5	18.6	18.6	18.6	18.5	18.4	18.3	18.1	17.9	17.7
77.5°	26.9	27.1	27.3	27.3	27.3	27.1	26.9	26.6	26.3	25.8	25.3
75°	43.8	44.3	44.6	44.7	44.6	44.3	43.8	43.1	42.2	41.1	39.8
72.5°	68.3	68.8	69.9	70.8	69.9	68.8	68.3	67.4	66.1	64.4	62.1
70°	105.2	105.7	107.7	109.3	107.7	105.7	105.2	104.0	102.1	99.2	95.2
67.5°	157.1	159.4	162.1	163.9	162.1	159.4	157.1	153.8	149.8	145.2	139.7
65°	216.7	218.9	221.0	222.3	221.0	218.9	216.7	213.3	208.4	202.3	194.9
62.5°	293.7	298.1	300.9	301.8	300.9	298.1	293.7	287.6	280.0	271.3	261.2
60°	382.9	389.0	393.6	396.2	393.6	389.0	382.9	374.6	364.2	352.7	339.4
57.5°	487.8	495.6	498.7	498.0	498.7	495.6	487.8	477.0	463.3	448.1	430.4
55°	557.1	563.1	565.1	563.8	565.1	563.1	557.1	549.3	539.9	530.8	519.4
52.5°	616.3	621.0	624.6	627.2	624.6	621.0	616.3	609.4	600.6	591.5	580.3
50°	719.7	728.8	734.8	737.7	734.8	728.8	719.7	706.4	689.0	668.4	645.0
47.5°	839.3	848.8	854.5	856.9	854.5	848.8	839.3	824.7	804.0	777.7	746.9
45°	1266.8	1312.3	1349.1	1384.7	1349.1	1312.3	1266.8	1198.4	1100.6	982.3	862.0
42.5°	2277.3	2428.4	2531.6	2583.2	2531.6	2428.4	2277.3	2080.9	1854.6	1562.5	1295.7
40°	3632.3	3828.4	3945.4	3976.6	3945.4	3828.4	3632.3	3362.3	3044.6	2696.8	2315.2
37.5°	5005.1	5232.0	5368.9	5362.5	5368.9	5232.0	5005.1	4713.4	4347.7	3895.3	3451.5
35°	6349.6	6576.4	6709.2	6724.9	6709.2	6576.4	6349.6	6044.3	5668.2	5212.2	4684.6
32.5°	7973.5	8314.4	8538.7	8576.6	8538.7	8314.4	7973.5	7555.5	7034.5	6476.9	5919.9
30°	10532.9	11061.8	11346.7	11513.7	11346.7	11061.8	10532.9	9742.7	8794.2	8024.4	7231.5
27.5°	13432.3	14063.8	14413.0	14468.2	14413.0	14063.8	13432.3	12533.8	11434.6	10251.6	8913.4
25°	16144.7	16760.1	17168.8	17184.2	17168.8	16760.1	16144.7	15300.5	14212.5	12855.6	11252.7
22.5°	18986.1	19786.1	20205.9	20440.5	20205.9	19786.1	18986.1	17958.3	16757.6	15332.2	13667.9
20°	21880.1	22816.8	23448.7	23582.5	23448.7	22816.8	21880.1	20762.9	19297.0	17658.6	15918.7
17.5°	25065.0	26204.0	27167.2	27716.2	27167.2	26204.0	25065.0	23579.4	21900.0	20003.7	18001.0
15°	29066.9	30766.4	31854.2	32372.6	31854.2	30766.4	29066.9	26686.8	24504.4	22204.3	20032.0
12.5°	32799.6	34392.8	35235.9	35660.0	35235.9	34392.8	32799.6	30431.7	27379.8	24556.7	21900.4
10°	35380.1	36532.2	37213.1	37577.5	37213.1	36532.2	35380.1	33350.5	30459.1	26877.6	23681.8
7.5°	36813.0	37993.1	38606.0	38909.4	38606.0	37993.1	36813.0	35336.2	32699.0	29002.7	25154.8
5°	37898.8	38992.2	39589.1	39718.5	39589.1	38992.2	37898.8	36338.4	34216.6	30773.3	26477.2
2.5°	38532.8	39553.7	39939.0	40026.5	39939.0	39553.7	38532.8	37037.7	35000.6	31805.4	27404.3
0°	38720.0	39656.4	40070.0	40087.3	40070.0	39656.4	38720.0	37258.3	35261.9	32067.1	27652.8
-2.5°	38532.8	39553.7	39939.0	40026.5	39939.0	39553.7	38532.8	37037.7	35000.6	31805.4	27404.3
-5°	37898.8	38992.2	39589.1	39718.5	39589.1	38992.2	37898.8	36338.4	34216.6	30773.3	26477.2
-7.5°	36813.0	37993.1	38606.0	38909.4	38606.0	37993.1	36813.0	35336.2	32699.0	29002.7	25154.8
-10°	35380.1	36532.2	37213.1	37577.5	37213.1	36532.2	35380.1	33350.5	30459.1	26877.6	23681.8
-12.5°	32799.6	34392.8	35235.9	35659.9	35235.9	34392.8	32799.6	30431.7	27379.8	24556.7	21900.4
-15°	29066.9	30766.4	31854.2	32372.6	31854.2	30766.4	29066.9	26686.8	24504.4	22204.3	20032.0
-17.5°	25065.0	26204.0	27167.2	27716.1	27167.2	26204.0	25065.0	23579.4	21900.0	20003.7	18001.0
-20°	21880.1	22816.8	23448.7	23582.5	23448.7	22816.8	21880.1	20762.9	19297.0	17658.6	15918.7



REPORT NUMBER: P722788 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_ALL-ON

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	18986.1	19786.1	20205.9	20440.5	20205.9	19786.1	18986.1	17958.3	16757.6	15332.2	13667.9
-25°	16144.7	16760.1	17168.8	17184.2	17168.8	16760.1	16144.7	15300.5	14212.5	12855.6	11252.7
-27.5°	13432.3	14063.8	14413.0	14468.2	14413.0	14063.8	13432.3	12533.8	11434.6	10251.6	8913.4
-30°	10532.9	11061.8	11346.7	11513.7	11346.7	11061.8	10532.9	9742.7	8794.2	8024.4	7231.5
-32.5°	7973.5	8314.4	8538.7	8576.6	8538.7	8314.4	7973.5	7555.5	7034.5	6476.9	5919.9
-35°	6349.6	6576.4	6709.2	6724.9	6709.2	6576.4	6349.6	6044.3	5668.2	5212.2	4684.6
-37.5°	5005.1	5232.0	5368.9	5362.5	5368.9	5232.0	5005.1	4713.4	4347.7	3895.3	3451.5
-40°	3632.3	3828.4	3945.4	3976.6	3945.4	3828.4	3632.3	3362.3	3044.6	2696.8	2315.2
-42.5°	2277.3	2428.4	2531.6	2583.2	2531.6	2428.4	2277.3	2080.9	1854.6	1562.5	1295.7
-45°	1266.8	1312.3	1349.1	1384.7	1349.1	1312.3	1266.8	1198.4	1100.6	982.3	862.0
-47.5°	839.3	848.8	854.5	856.9	854.5	848.8	839.3	824.7	804.0	777.7	746.9
-50°	719.7	728.8	734.8	737.7	734.8	728.8	719.7	706.4	689.0	668.4	645.0
-52.5°	616.3	621.0	624.6	627.2	624.6	621.0	616.3	609.4	600.6	591.5	580.3
-55°	557.1	563.1	565.1	563.8	565.1	563.1	557.1	549.3	539.9	530.8	519.4
-57.5°	487.8	495.6	498.7	498.0	498.7	495.6	487.8	477.0	463.3	448.1	430.4
-60°	382.9	389.0	393.6	396.2	393.6	389.0	382.9	374.6	364.2	352.7	339.4
-62.5°	293.7	298.1	300.9	301.8	300.9	298.1	293.7	287.6	280.0	271.3	261.2
-65°	216.7	218.9	221.0	222.3	221.0	218.9	216.7	213.3	208.4	202.3	194.9
-67.5°	157.1	159.4	162.1	163.9	162.1	159.4	157.1	153.8	149.8	145.2	139.7
-70°	105.2	105.7	107.7	109.3	107.7	105.7	105.2	104.0	102.1	99.2	95.2
-72.5°	68.3	68.8	69.9	70.8	69.9	68.8	68.3	67.4	66.1	64.4	62.1
-75°	43.8	44.3	44.6	44.7	44.6	44.3	43.8	43.1	42.2	41.1	39.8
-77.5°	26.9	27.1	27.3	27.3	27.3	27.1	26.9	26.6	26.3	25.8	25.3
-80°	18.4	18.5	18.6	18.6	18.6	18.5	18.4	18.3	18.1	17.9	17.7
-82.5°	13.6	13.6	13.7	13.7	13.7	13.6	13.6	13.5	13.3	13.2	13.0
-85°	8.6	8.7	8.7	8.7	8.7	8.7	8.6	8.6	8.5	8.4	8.4
-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



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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°	8.3	8.1	8.0	7.9	7.7	7.5	7.4	7.2	7.0	6.8	6.5
82.5°	12.8	12.6	12.3	12.0	11.7	11.3	11.0	10.6	10.2	9.7	9.3
80°	17.4	17.1	16.7	16.4	16.0	15.5	15.0	14.5	14.0	13.4	12.8
77.5°	24.6	23.9	23.2	22.5	21.6	20.6	19.4	18.4	17.7	17.0	16.3
75°	38.3	36.6	34.8	33.0	31.1	29.1	27.6	26.0	24.3	22.6	20.8
72.5°	59.5	56.5	53.2	49.7	45.7	42.7	40.1	37.2	34.1	30.7	27.7
70°	90.6	85.4	79.8	73.8	68.7	63.9	58.8	53.4	47.6	43.2	38.9
67.5°	133.1	125.5	116.8	108.0	100.5	92.5	84.2	75.3	68.0	61.1	53.3
65°	186.2	176.2	164.7	154.1	142.5	129.8	116.7	105.4	94.9	83.6	71.4
62.5°	249.5	236.3	222.1	208.0	192.6	176.0	159.3	143.7	127.6	111.2	97.2
60°	323.9	306.2	289.5	270.9	250.5	228.3	208.6	187.7	165.7	146.8	126.8
57.5°	410.3	389.1	367.3	343.4	317.5	291.4	264.9	237.1	211.8	186.5	161.0
55°	505.8	482.0	454.0	424.1	393.2	361.6	328.0	294.7	263.1	229.9	201.3
52.5°	566.9	549.0	529.2	507.8	475.2	437.6	397.8	359.4	319.2	282.1	244.8
50°	624.7	605.9	585.2	562.6	538.1	512.2	474.0	428.4	382.5	337.8	294.0
47.5°	715.7	681.3	643.5	614.8	589.6	562.5	533.0	500.2	448.8	396.5	347.2
45°	823.8	780.8	734.2	690.4	643.9	610.5	580.0	546.6	510.9	458.7	401.1
42.5°	1129.7	950.6	838.8	783.4	727.0	674.2	624.2	589.5	552.9	513.5	458.3
40°	1861.1	1367.9	1144.6	924.8	819.8	753.7	691.3	629.7	592.0	552.4	509.7
37.5°	2943.7	2375.6	1807.0	1286.4	1036.1	841.8	766.7	695.5	628.2	588.4	545.6
35°	4098.0	3468.3	2774.5	2100.3	1426.3	1097.2	849.8	765.3	688.0	621.8	579.2
32.5°	5303.7	4588.1	3808.1	3022.2	2247.2	1511.7	1104.2	842.6	749.4	670.6	609.3
30°	6428.2	5690.6	4868.6	3976.6	3106.3	2251.5	1452.1	1050.6	821.5	722.3	642.5
27.5°	7826.9	6746.6	5882.7	4956.4	3970.8	3016.9	2105.6	1320.0	936.0	782.9	687.6
25°	9637.1	8141.3	6889.7	5870.9	4843.5	3775.9	2745.4	1817.8	1174.6	845.5	729.9
22.5°	11758.3	9883.3	8149.9	6734.6	5658.1	4537.4	3409.6	2335.6	1409.6	967.3	782.0
20°	13929.5	11757.3	9651.8	7849.8	6419.7	5250.6	4038.4	2876.2	1851.1	1154.1	831.7
17.5°	15909.5	13733.9	11252.2	8970.2	7262.4	5902.7	4643.4	3405.0	2254.9	1321.1	876.7
15°	17656.8	15345.2	12868.6	10323.3	8111.3	6492.6	5177.0	3875.6	2637.5	1571.1	998.9
12.5°	19372.8	16778.0	14282.3	11515.6	8949.1	7095.6	5646.0	4302.2	3011.9	1856.2	1113.6
10°	20903.6	18041.2	15459.5	12603.9	9868.7	7681.4	6044.4	4654.8	3324.8	2091.8	1209.3
7.5°	22113.2	19141.9	16283.3	13487.9	10574.7	8110.2	6355.9	4928.3	3577.9	2276.5	1285.1
5°	23020.7	19925.5	16997.3	14145.6	11081.7	8399.2	6579.5	5121.2	3766.9	2408.9	1340.2
2.5°	23573.6	20423.3	17369.4	14534.8	11399.2	8584.3	6710.5	5247.0	3838.7	2510.5	1390.0
0°	23920.3	20553.5	17436.3	14677.4	11538.5	8726.8	6744.8	5310.4	3811.4	2563.3	1418.3
-2.5°	23573.6	20423.3	17369.4	14534.8	11399.2	8584.3	6710.5	5247.0	3838.7	2510.5	1390.0
-5°	23020.7	19925.5	16997.3	14145.6	11081.7	8399.2	6579.5	5121.2	3766.9	2408.9	1340.2
-7.5°	22113.2	19141.9	16283.3	13487.9	10574.7	8110.2	6355.9	4928.3	3577.9	2276.5	1285.1
-10°	20903.6	18041.2	15459.5	12603.9	9868.7	7681.4	6044.4	4654.8	3324.8	2091.8	1209.3
-12.5°	19372.8	16778.0	14282.3	11515.6	8949.1	7095.6	5646.0	4302.2	3011.9	1856.2	1113.6
-15°	17656.8	15345.2	12868.6	10323.3	8111.3	6492.6	5177.0	3875.6	2637.5	1571.1	998.9
-17.5°	15909.5	13733.9	11252.2	8970.2	7262.4	5902.7	4643.4	3405.0	2254.9	1321.1	876.7
-20°	13929.5	11757.3	9651.8	7849.8	6419.7	5250.6	4038.4	2876.2	1851.1	1154.1	831.7



REPORT NUMBER: P722788 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_ALL-ON

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11758.3	9883.3	8149.9	6734.6	5658.1	4537.4	3409.6	2335.6	1409.6	967.3	782.0
-25°	9637.1	8141.3	6889.7	5870.9	4843.5	3775.9	2745.4	1817.8	1174.6	845.5	729.9
-27.5°	7826.9	6746.6	5882.7	4956.4	3970.8	3016.9	2105.6	1320.0	936.0	782.9	687.6
-30°	6428.2	5690.6	4868.6	3976.6	3106.3	2251.5	1452.1	1050.6	821.5	722.3	642.5
-32.5°	5303.7	4588.1	3808.1	3022.2	2247.2	1511.7	1104.2	842.6	749.4	670.6	609.3
-35°	4098.0	3468.3	2774.5	2100.3	1426.3	1097.2	849.8	765.3	688.0	621.8	579.2
-37.5°	2943.7	2375.6	1807.0	1286.4	1036.1	841.8	766.7	695.5	628.2	588.4	545.6
-40°	1861.1	1367.9	1144.6	924.8	819.8	753.7	691.3	629.7	592.0	552.4	509.7
-42.5°	1129.7	950.6	838.8	783.4	727.0	674.2	624.2	589.5	552.9	513.5	458.3
-45°	823.8	780.8	734.2	690.4	643.9	610.5	580.0	546.6	510.9	458.7	401.1
-47.5°	715.7	681.3	643.5	614.8	589.6	562.5	533.0	500.2	448.8	396.5	347.2
-50°	624.7	605.9	585.2	562.6	538.1	512.2	474.0	428.4	382.5	337.8	294.0
-52.5°	566.9	549.0	529.2	507.8	475.2	437.6	397.8	359.4	319.2	282.1	244.8
-55°	505.8	482.0	454.0	424.1	393.2	361.6	328.0	294.7	263.1	229.9	201.3
-57.5°	410.3	389.1	367.3	343.4	317.5	291.4	264.9	237.1	211.8	186.5	161.0
-60°	323.9	306.2	289.5	270.9	250.5	228.3	208.6	187.7	165.7	146.8	126.8
-62.5°	249.5	236.3	222.1	208.0	192.6	176.0	159.3	143.7	127.6	111.2	97.2
-65°	186.2	176.2	164.7	154.1	142.5	129.8	116.7	105.4	94.9	83.6	71.4
-67.5°	133.1	125.5	116.8	108.0	100.5	92.5	84.2	75.3	68.0	61.1	53.3
-70°	90.6	85.4	79.8	73.8	68.7	63.9	58.8	53.4	47.6	43.2	38.9
-72.5°	59.5	56.5	53.2	49.7	45.7	42.7	40.1	37.2	34.1	30.7	27.7
-75°	38.3	36.6	34.8	33.0	31.1	29.1	27.6	26.0	24.3	22.6	20.8
-77.5°	24.6	23.9	23.2	22.5	21.6	20.6	19.4	18.4	17.7	17.0	16.3
-80°	17.4	17.1	16.7	16.4	16.0	15.5	15.0	14.5	14.0	13.4	12.8
-82.5°	12.8	12.6	12.3	12.0	11.7	11.3	11.0	10.6	10.2	9.7	9.3
-85°	8.3	8.1	8.0	7.9	7.7	7.5	7.4	7.2	7.0	6.8	6.5
-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



REPORT NUMBER: P722788 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-720PL-RGB-5S_ALL-ON

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°	6.3	6.1	5.8	5.5	5.3	5.0	4.6	4.2	3.8	3.4	3.0
82.5°	8.8	8.4	8.0	7.7	7.3	6.8	6.4	6.0	5.5	5.1	4.5
80°	12.2	11.5	10.8	10.1	9.4	8.7	8.1	7.5	6.9	6.3	5.7
77.5°	15.5	14.7	13.8	13.0	12.1	11.1	10.2	9.2	8.3	7.6	6.8
75°	18.9	17.8	16.8	15.7	14.7	13.6	12.4	11.3	10.1	8.9	7.9
72.5°	25.5	23.2	20.8	18.5	17.2	15.9	14.6	13.3	11.9	10.5	9.1
70°	34.4	29.9	26.7	23.9	21.0	18.3	16.8	15.3	13.7	12.1	10.5
67.5°	45.3	40.1	34.9	29.8	26.1	22.7	19.3	17.2	15.5	13.7	11.9
65°	62.3	53.0	44.1	38.4	32.6	27.4	23.6	19.7	17.2	15.3	13.3
62.5°	82.6	68.8	58.6	48.5	40.6	34.1	27.8	23.4	19.3	16.8	14.6
60°	107.3	90.9	74.5	62.4	51.0	41.3	34.0	27.1	22.4	18.3	15.9
57.5°	138.4	114.9	96.2	78.4	63.9	51.0	40.7	32.4	25.5	20.7	17.2
55°	171.9	145.4	119.8	98.1	78.7	62.9	48.8	38.6	29.1	23.3	18.5
52.5°	210.2	177.7	147.6	119.7	96.4	75.4	59.3	44.7	34.7	25.7	20.5
50°	252.3	213.5	177.6	144.9	114.8	91.3	69.5	53.5	40.2	28.9	22.6
47.5°	297.9	252.7	210.8	171.0	137.3	106.8	82.6	62.3	45.6	33.7	24.6
45°	346.9	293.5	245.5	201.6	159.1	125.5	96.4	70.8	53.2	38.5	26.5
42.5°	396.1	337.0	281.7	231.4	185.4	144.7	109.7	82.3	60.4	43.0	29.6
40°	447.8	381.7	318.1	263.0	211.5	163.3	126.0	94.0	67.3	48.0	33.4
37.5°	498.1	427.0	358.1	293.0	237.0	186.0	142.0	105.2	74.8	53.7	37.0
35°	531.6	472.1	396.3	325.2	263.2	207.4	157.1	117.0	84.2	59.2	40.5
32.5°	562.6	510.3	435.4	358.7	287.8	227.5	173.8	129.8	93.2	64.4	43.7
30°	589.9	536.5	472.2	390.4	312.7	248.4	190.9	141.8	101.5	69.2	47.0
27.5°	614.3	560.7	503.9	421.4	339.8	268.1	206.9	153.1	109.3	74.6	50.9
25°	641.9	582.3	524.5	450.5	365.0	287.1	221.7	163.7	117.8	80.9	54.5
22.5°	678.5	602.2	543.1	476.9	388.8	305.0	236.2	175.9	126.4	86.7	57.8
20°	712.5	620.8	559.9	500.0	410.9	324.9	250.7	186.8	134.1	91.9	60.7
17.5°	745.4	643.2	576.3	514.7	431.1	342.5	263.8	196.5	141.0	96.5	63.3
15°	780.0	668.0	590.8	527.8	448.7	357.8	275.6	205.0	147.0	100.5	65.5
12.5°	808.7	688.4	603.3	539.0	463.7	370.8	285.8	212.2	152.2	104.0	67.3
10°	831.6	704.7	613.6	548.4	476.1	381.5	294.5	218.2	156.0	107.0	68.7
7.5°	848.8	716.8	621.9	555.9	485.6	390.2	300.8	223.5	158.8	109.4	69.8
5°	860.7	725.9	628.2	561.3	491.4	397.3	305.1	227.7	160.6	111.3	70.5
2.5°	869.1	733.0	632.5	564.8	494.2	402.3	307.4	230.6	161.5	112.5	70.8
0°	871.8	736.4	634.6	566.3	494.3	404.9	308.0	232.2	161.4	113.0	70.8
-2.5°	869.1	733.0	632.5	564.8	494.2	402.3	307.4	230.6	161.5	112.5	70.8
-5°	860.7	725.9	628.2	561.3	491.4	397.3	305.1	227.7	160.6	111.3	70.5
-7.5°	848.8	716.8	621.9	555.9	485.6	390.2	300.8	223.5	158.8	109.4	69.8
-10°	831.6	704.7	613.6	548.4	476.1	381.5	294.5	218.2	156.0	107.0	68.7
-12.5°	808.7	688.4	603.3	539.0	463.7	370.8	285.8	212.2	152.2	104.0	67.3
-15°	780.0	668.0	590.8	527.8	448.7	357.8	275.6	205.0	147.0	100.5	65.5
-17.5°	745.4	643.2	576.3	514.7	431.1	342.5	263.8	196.5	141.0	96.5	63.3
-20°	712.5	620.8	559.9	500.0	410.9	324.9	250.7	186.8	134.1	91.9	60.7



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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°	678.5	602.2	543.1	476.9	388.8	305.0	236.2	175.9	126.4	86.7	57.8
-25°	641.9	582.3	524.5	450.5	365.0	287.1	221.7	163.7	117.8	80.9	54.5
-27.5°	614.3	560.7	503.9	421.4	339.8	268.1	206.9	153.1	109.3	74.6	50.9
-30°	589.9	536.5	472.2	390.4	312.7	248.4	190.9	141.8	101.5	69.2	47.0
-32.5°	562.6	510.3	435.4	358.7	287.8	227.5	173.8	129.8	93.2	64.4	43.7
-35°	531.6	472.1	396.3	325.2	263.2	207.4	157.1	117.0	84.2	59.2	40.5
-37.5°	498.1	427.0	358.1	293.0	237.0	186.0	142.0	105.2	74.8	53.7	37.0
-40°	447.8	381.7	318.1	263.0	211.5	163.3	126.0	94.0	67.3	48.0	33.4
-42.5°	396.1	337.0	281.7	231.4	185.4	144.7	109.7	82.3	60.4	43.0	29.6
-45°	346.9	293.5	245.5	201.6	159.1	125.5	96.4	70.8	53.2	38.5	26.5
-47.5°	297.9	252.7	210.8	171.0	137.3	106.8	82.6	62.3	45.6	33.7	24.6
-50°	252.3	213.5	177.6	144.9	114.8	91.3	69.5	53.5	40.2	28.9	22.6
-52.5°	210.2	177.7	147.6	119.7	96.4	75.4	59.3	44.7	34.7	25.7	20.5
-55°	171.9	145.4	119.8	98.1	78.7	62.9	48.8	38.6	29.1	23.3	18.5
-57.5°	138.4	114.9	96.2	78.4	63.9	51.0	40.7	32.4	25.5	20.7	17.2
-60°	107.3	90.9	74.5	62.4	51.0	41.3	34.0	27.1	22.4	18.3	15.9
-62.5°	82.6	68.8	58.6	48.5	40.6	34.1	27.8	23.4	19.3	16.8	14.6
-65°	62.3	53.0	44.1	38.4	32.6	27.4	23.6	19.7	17.2	15.3	13.3
-67.5°	45.3	40.1	34.9	29.8	26.1	22.7	19.3	17.2	15.5	13.7	11.9
-70°	34.4	29.9	26.7	23.9	21.0	18.3	16.8	15.3	13.7	12.1	10.5
-72.5°	25.5	23.2	20.8	18.5	17.2	15.9	14.6	13.3	11.9	10.5	9.1
-75°	18.9	17.8	16.8	15.7	14.7	13.6	12.4	11.3	10.1	8.9	7.9
-77.5°	15.5	14.7	13.8	13.0	12.1	11.1	10.2	9.2	8.3	7.6	6.8
-80°	12.2	11.5	10.8	10.1	9.4	8.7	8.1	7.5	6.9	6.3	5.7
-82.5°	8.8	8.4	8.0	7.7	7.3	6.8	6.4	6.0	5.5	5.1	4.5
-85°	6.3	6.1	5.8	5.5	5.3	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°	5.1	4.3	3.5	2.6	1.7	0.9	0.0
77.5°	6.1	5.3	4.3	3.2	2.2	1.1	0.0
75°	7.0	6.1	5.1	3.9	2.6	1.3	0.0
72.5°	7.9	6.8	5.7	4.5	3.0	1.5	0.0
70°	8.9	7.6	6.3	5.1	3.4	1.7	0.0
67.5°	10.1	8.3	6.9	5.5	3.8	1.9	0.0
65°	11.3	9.2	7.5	6.0	4.2	2.1	0.0
62.5°	12.4	10.2	8.1	6.4	4.6	2.3	0.0
60°	13.6	11.1	8.7	6.8	5.0	2.5	0.0
57.5°	14.7	12.1	9.4	7.3	5.3	2.7	0.0
55°	15.7	13.0	10.1	7.7	5.5	2.9	0.0
52.5°	16.8	13.8	10.8	8.0	5.8	3.0	0.0
50°	17.8	14.7	11.5	8.4	6.1	3.2	0.0
47.5°	18.8	15.5	12.2	8.8	6.3	3.4	0.0
45°	20.5	16.3	12.8	9.3	6.5	3.5	0.0
42.5°	22.1	17.0	13.4	9.7	6.8	3.7	0.0
40°	23.6	17.7	14.0	10.2	7.0	3.8	0.0
37.5°	25.0	18.4	14.5	10.6	7.2	4.0	0.0
35°	26.4	19.3	15.0	11.0	7.4	4.1	0.0
32.5°	28.1	20.4	15.5	11.3	7.5	4.2	0.0
30°	30.7	21.4	16.0	11.7	7.7	4.3	0.0
27.5°	33.1	22.3	16.4	12.0	7.9	4.4	0.0
25°	35.3	23.2	16.7	12.3	8.0	4.5	0.0
22.5°	37.3	23.9	17.1	12.6	8.1	4.6	0.0
20°	39.1	24.6	17.4	12.8	8.3	4.7	0.0
17.5°	40.6	25.3	17.7	13.0	8.4	4.8	0.0
15°	41.9	25.8	17.9	13.2	8.4	4.8	0.0
12.5°	42.9	26.3	18.1	13.3	8.5	4.9	0.0
10°	43.7	26.6	18.3	13.5	8.6	4.9	0.0
7.5°	44.3	26.9	18.4	13.6	8.6	5.0	0.0
5°	44.6	27.1	18.5	13.6	8.7	5.0	0.0
2.5°	44.8	27.3	18.6	13.7	8.7	5.0	0.0
0°	44.7	27.3	18.6	13.7	8.7	5.0	0.0
-2.5°	44.8	27.3	18.6	13.7	8.7	5.0	0.0
-5°	44.6	27.1	18.5	13.6	8.7	5.0	0.0
-7.5°	44.3	26.9	18.4	13.6	8.6	5.0	0.0
-10°	43.7	26.6	18.3	13.5	8.6	4.9	0.0
-12.5°	42.9	26.3	18.1	13.3	8.5	4.9	0.0
-15°	41.9	25.8	17.9	13.2	8.4	4.8	0.0
-17.5°	40.6	25.3	17.7	13.0	8.4	4.8	0.0
-20°	39.1	24.6	17.4	12.8	8.3	4.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	37.3	23.9	17.1	12.6	8.1	4.6	0.0
-25°	35.3	23.2	16.7	12.3	8.0	4.5	0.0
-27.5°	33.1	22.3	16.4	12.0	7.9	4.4	0.0
-30°	30.7	21.4	16.0	11.7	7.7	4.3	0.0
-32.5°	28.1	20.4	15.5	11.3	7.5	4.2	0.0
-35°	26.4	19.3	15.0	11.0	7.4	4.1	0.0
-37.5°	25.0	18.4	14.5	10.6	7.2	4.0	0.0
-40°	23.6	17.7	14.0	10.2	7.0	3.8	0.0
-42.5°	22.1	17.0	13.4	9.7	6.8	3.7	0.0
-45°	20.5	16.3	12.8	9.3	6.5	3.5	0.0
-47.5°	18.8	15.5	12.2	8.8	6.3	3.4	0.0
-50°	17.8	14.7	11.5	8.4	6.1	3.2	0.0
-52.5°	16.8	13.8	10.8	8.0	5.8	3.0	0.0
-55°	15.7	13.0	10.1	7.7	5.5	2.9	0.0
-57.5°	14.7	12.1	9.4	7.3	5.3	2.7	0.0
-60°	13.6	11.1	8.7	6.8	5.0	2.5	0.0
-62.5°	12.4	10.2	8.1	6.4	4.6	2.3	0.0
-65°	11.3	9.2	7.5	6.0	4.2	2.1	0.0
-67.5°	10.1	8.3	6.9	5.5	3.8	1.9	0.0
-70°	8.9	7.6	6.3	5.1	3.4	1.7	0.0
-72.5°	7.9	6.8	5.7	4.5	3.0	1.5	0.0
-75°	7.0	6.1	5.1	3.9	2.6	1.3	0.0
-77.5°	6.1	5.3	4.3	3.2	2.2	1.1	0.0
-80°	5.1	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)