

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: EPHESUS

Report Number: P1306492 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS16-1200L-57-80-3R-A**

Issue Date: 2/3/2026

Test Information

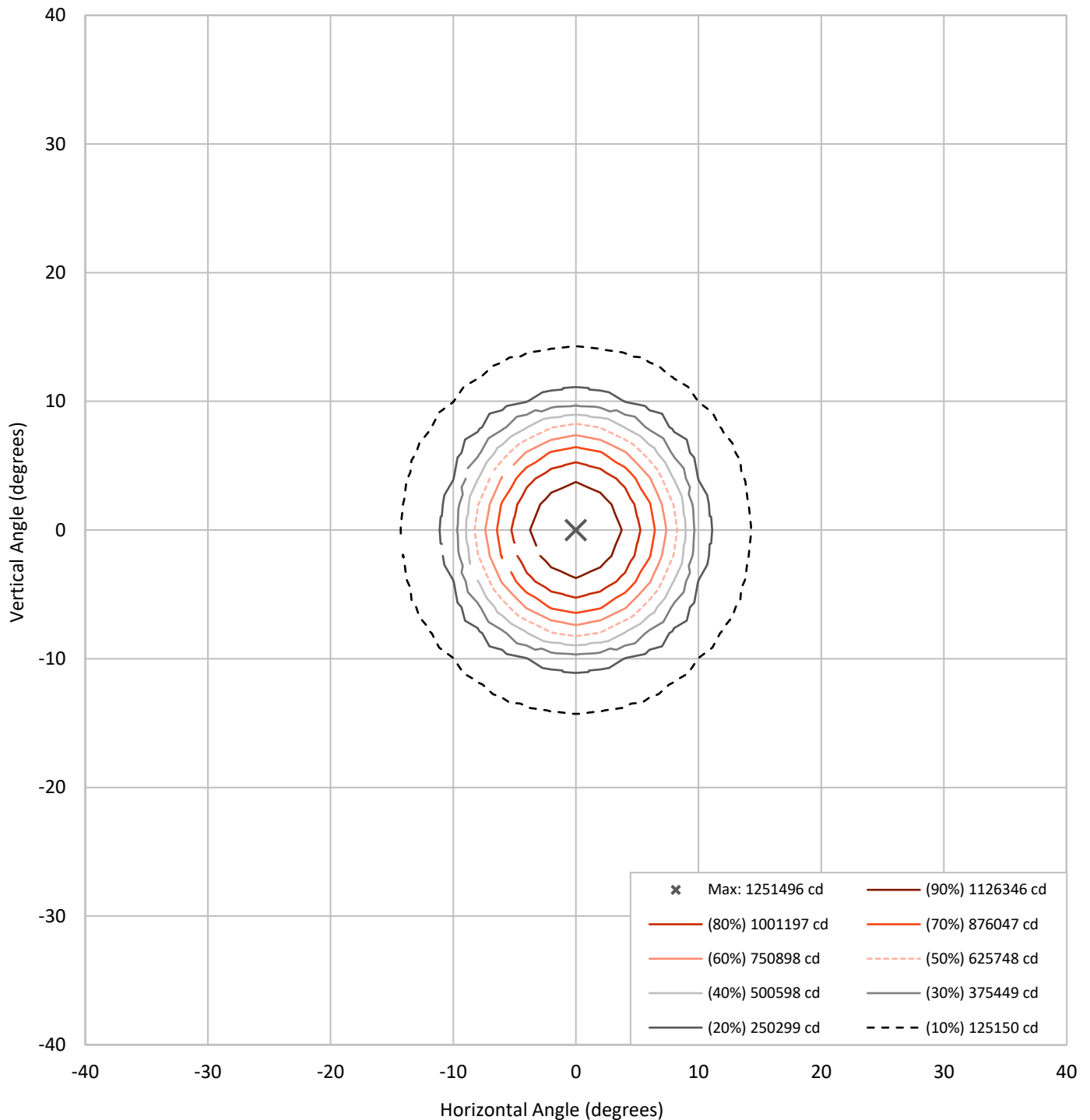
Test Method: LM-79-08
Report Number: P1306492 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-50)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-LS16-1200L-57-80-3R-A
Description: EPHEBUS LUMASPORT 16 LUMINAIRE
(16) 5700K, 80 CRI LEDS AND 3R BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	158909.4 lumens	Max Intensity:	1251496 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	123.2 lumens/watt		
Luminous Opening:	Circular (Dia: 1.67' x H: 0')		
Beam Angle (50%):	16.5°H x 16.5°V	Field Angle (10%):	28.4°H x 28.4°V
Beam Lumens:	58108.1 lumens	Field Lumens:	94461.2 lumens
Beam Efficiency:	36.6%	Field Efficiency:	59.4%
Input Watts (W):	1290		
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		

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Iso-Candela Plot





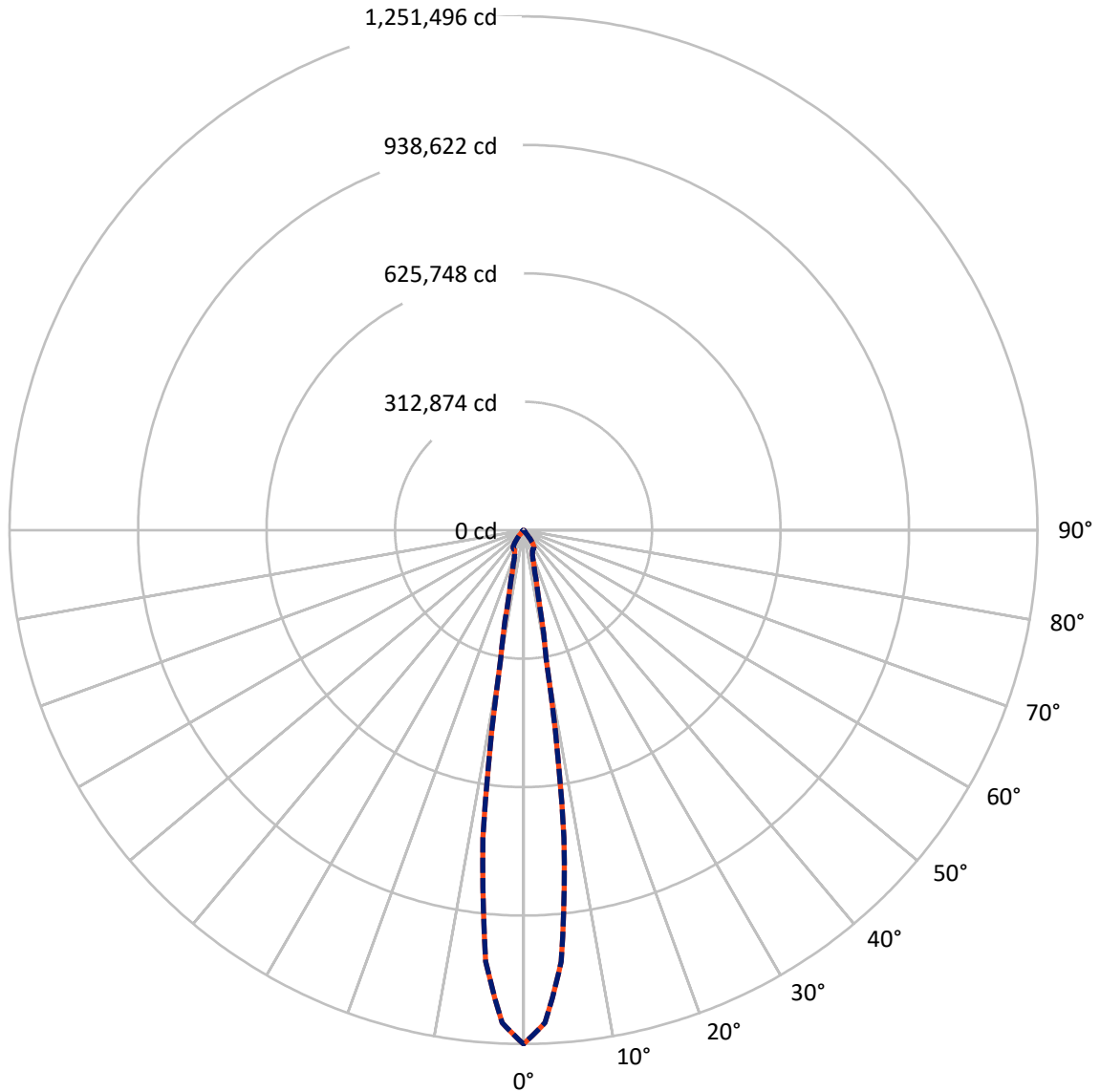
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Lumen Table

90	0.1	0.8		2.0		3.2		3.7		3.2		2.0		0.8		0.1			
80	0.1	0.8		2.0		3.2		3.7		3.2		2.0		0.8		0.1			
70	0.3	0.4	0.8	1.3	2.1	3.0	3.8	4.3	4.3	3.8	3.0	2.1	1.3	0.8	0.4	0.3			
60		0.6	1.3	2.7	5.3	9.8	14.5	17.2	17.2	14.5	9.8	5.3	2.7	1.3	0.6				
50	0.6	0.8	2.2	6.1	15.0	24.5	50.2	83.6	83.6	50.2	24.5	15.0	6.1	2.2	0.8	0.6			
40		1.1	3.8	13.1	32.4	207.1	661.3	986.6	986.6	661.3	207.1	32.4	13.1	3.8	1.1				
30	0.8	1.4	6.3	19.2	189.3	964.7	1461.8	1621.7	1621.7	1461.8	964.7	189.3	19.2	6.3	1.4	0.8			
20		1.7	8.8	37.7	569.3	1372.5	1871.8	3372.0	3372.0	1871.8	1372.5	569.3	37.7	8.8	1.7				
10	0.9	1.9	10.1	61.4	821.6	1477.1	3283.1	20409.1	20409.1	3283.1	1477.1	821.6	61.4	10.1	1.9	0.9			
0		1.9	10.1	61.4	821.6	1477.1	3283.1	20409.1	20409.1	3283.1	1477.1	821.6	61.4	10.1	1.9				
-10	0.8	1.7	8.8	37.7	569.3	1372.5	1871.8	3372.0	3372.0	1871.8	1372.5	569.3	37.7	8.8	1.7	0.8			
-20		1.4	6.3	19.2	189.3	964.7	1461.8	1621.7	1621.7	1461.8	964.7	189.3	19.2	6.3	1.4				
-30	0.6	1.1	3.8	13.1	32.4	207.1	661.3	986.6	986.6	661.3	207.1	32.4	13.1	3.8	1.1	0.6			
-40		0.8	2.2	6.1	15.0	24.5	50.2	83.6	83.6	50.2	24.5	15.0	6.1	2.2	0.8				
-50	0.3	0.6	1.3	2.7	5.3	9.8	14.5	17.2	17.2	14.5	9.8	5.3	2.7	1.3	0.6	0.3			
-60		0.4	0.8	1.3	2.1	3.0	3.8	4.3	4.3	3.8	3.0	2.1	1.3	0.8	0.4				
-70	0.1	0.8		2.0		3.2		3.7		3.2		2.0		0.8		0.1			
-80		0.8		2.0		3.2		3.7		3.2		2.0		0.8					
-90	0.1	0.8		2.0		3.2		3.7		3.2		2.0		0.8		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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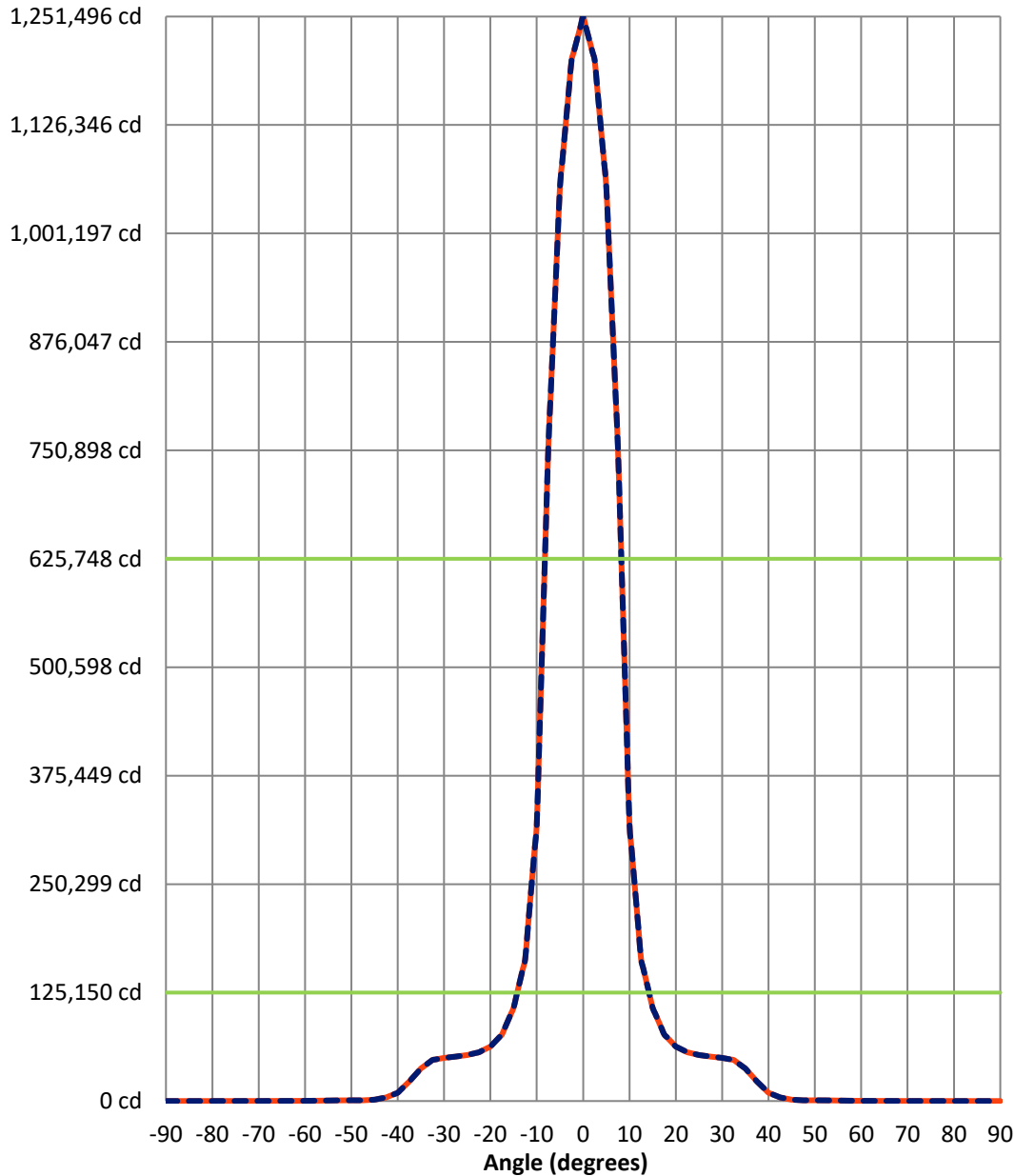
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 16.5°
 V Angle: 16.5°
 Lumens: 58108.1
 Efficiency: 36.6%

Field:
 H Angle: 28.4°
 V Angle: 28.4°
 Lumens: 94461.2
 Efficiency: 59.4%

Spill:
 Lumens: 64448.2
 Efficiency: 40.6%

— 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	0.4	0.8	1.2	1.6	2.0	2.4	2.7	3.1	3.5	3.8
85°	0.0	0.8	1.6	2.4	3.2	3.9	4.7	5.5	6.2	7.0	7.7
82.5°	0.0	1.2	2.4	3.6	4.7	5.9	7.0	8.2	9.1	9.1	9.1
80°	0.0	1.6	3.2	4.7	6.3	7.8	9.1	9.1	9.1	9.1	9.1
77.5°	0.0	2.0	3.9	5.9	7.8	9.1	9.1	9.1	9.1	9.1	10.0
75°	0.0	2.4	4.7	7.0	9.1	9.1	9.1	9.1	9.4	11.6	13.7
72.5°	0.0	2.7	5.5	8.2	9.1	9.1	9.1	9.8	12.4	14.9	17.4
70°	0.0	3.1	6.2	9.1	9.1	9.1	9.4	12.4	15.3	18.2	21.1
67.5°	0.0	3.5	7.0	9.1	9.1	9.1	11.6	14.9	18.2	21.5	24.7
65°	0.0	3.8	7.7	9.1	9.1	10.0	13.7	17.4	21.1	24.7	28.3
62.5°	0.0	4.2	8.4	9.1	9.1	11.7	15.8	19.9	23.9	27.8	31.8
60°	0.0	4.5	9.1	9.1	9.1	13.5	17.9	22.3	26.6	31.0	35.2
57.5°	0.0	4.9	9.1	9.1	10.4	15.1	19.9	24.6	29.3	34.0	38.5
55°	0.0	5.2	9.1	9.1	11.7	16.8	21.9	27.0	32.0	36.9	41.8
52.5°	0.0	5.5	9.1	9.1	12.9	18.4	23.8	29.2	34.5	39.8	45.0
50°	0.0	5.8	9.1	9.1	14.2	19.9	25.7	31.4	37.0	42.6	50.9
47.5°	0.0	6.1	9.1	9.3	15.4	21.4	27.5	33.5	39.4	45.2	56.9
45°	0.0	6.4	9.1	10.2	16.5	22.8	29.2	35.5	41.7	50.4	62.7
42.5°	0.0	6.7	9.1	11.0	17.6	24.2	30.8	37.4	43.9	55.4	65.9
40°	0.0	7.0	9.1	11.8	18.6	25.5	32.4	39.2	46.7	60.2	68.5
37.5°	0.0	7.2	9.1	12.5	19.6	26.8	33.9	41.0	50.7	64.1	71.0
35°	0.0	7.5	9.1	13.2	20.6	28.0	35.4	42.6	54.5	66.3	75.3
32.5°	0.0	7.7	9.1	13.9	21.5	29.1	36.7	44.2	58.2	68.3	82.1
30°	0.0	7.9	9.1	14.5	22.3	30.1	37.9	46.0	61.5	70.2	88.5
27.5°	0.0	8.1	9.1	15.0	23.1	31.1	39.1	48.7	64.1	71.9	94.4
25°	0.0	8.2	9.1	15.6	23.8	32.0	40.1	51.2	65.5	75.7	100.1
22.5°	0.0	8.4	9.1	16.0	24.4	32.8	41.1	53.5	66.8	80.2	108.4
20°	0.0	8.6	9.1	16.5	25.0	33.5	42.0	55.6	68.0	84.2	116.0
17.5°	0.0	8.7	9.1	16.8	25.5	34.2	42.7	57.4	69.0	87.8	122.7
15°	0.0	8.8	9.1	17.2	25.9	34.7	43.4	59.0	69.9	90.9	128.6
12.5°	0.0	8.9	9.1	17.5	26.3	35.2	44.0	60.4	70.7	93.6	133.6
10°	0.0	9.0	9.1	17.7	26.6	35.6	44.5	61.5	71.4	95.8	137.7
7.5°	0.0	9.0	9.1	17.9	26.9	35.9	44.8	62.4	71.9	97.5	140.9
5°	0.0	9.1	9.1	18.0	27.1	36.1	45.1	63.0	72.2	98.7	143.2
2.5°	0.0	9.1	9.1	18.1	27.2	36.3	45.2	63.4	72.4	99.5	144.5
0°	0.0	9.1	9.1	18.1	27.2	36.3	45.2	63.4	72.4	99.5	144.5
-2.5°	0.0	9.1	9.1	18.1	27.2	36.3	45.2	63.4	72.4	99.5	144.5
-5°	0.0	9.1	9.1	18.0	27.1	36.1	45.1	63.0	72.2	98.7	143.2
-7.5°	0.0	9.0	9.1	17.9	26.9	35.9	44.8	62.4	71.9	97.5	140.9
-10°	0.0	9.0	9.1	17.7	26.6	35.6	44.5	61.5	71.4	95.8	137.7
-12.5°	0.0	8.9	9.1	17.5	26.3	35.2	44.0	60.4	70.7	93.6	133.6
-15°	0.0	8.8	9.1	17.2	25.9	34.7	43.4	59.0	69.9	90.9	128.6
-17.5°	0.0	8.7	9.1	16.8	25.5	34.2	42.7	57.4	69.0	87.8	122.7
-20°	0.0	8.6	9.1	16.5	25.0	33.5	42.0	55.6	68.0	84.2	116.0



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 CATALOG NUMBER: EPH-LS16-1200L-57-80-3R-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.4	9.1	16.0	24.4	32.8	41.1	53.5	66.8	80.2	108.4
-25°	0.0	8.2	9.1	15.6	23.8	32.0	40.1	51.2	65.5	75.7	100.1
-27.5°	0.0	8.1	9.1	15.0	23.1	31.1	39.1	48.7	64.1	71.9	94.4
-30°	0.0	7.9	9.1	14.5	22.3	30.1	37.9	46.0	61.5	70.2	88.5
-32.5°	0.0	7.7	9.1	13.9	21.5	29.1	36.7	44.2	58.2	68.3	82.1
-35°	0.0	7.5	9.1	13.2	20.6	28.0	35.4	42.6	54.5	66.3	75.3
-37.5°	0.0	7.2	9.1	12.5	19.6	26.8	33.9	41.0	50.7	64.1	71.0
-40°	0.0	7.0	9.1	11.8	18.6	25.5	32.4	39.2	46.7	60.2	68.5
-42.5°	0.0	6.7	9.1	11.0	17.6	24.2	30.8	37.4	43.9	55.4	65.9
-45°	0.0	6.4	9.1	10.2	16.5	22.8	29.2	35.5	41.7	50.4	62.7
-47.5°	0.0	6.1	9.1	9.3	15.4	21.4	27.5	33.5	39.4	45.2	56.9
-50°	0.0	5.8	9.1	9.1	14.2	19.9	25.7	31.4	37.0	42.6	50.9
-52.5°	0.0	5.5	9.1	9.1	12.9	18.4	23.8	29.2	34.5	39.8	45.0
-55°	0.0	5.2	9.1	9.1	11.7	16.8	21.9	27.0	32.0	36.9	41.8
-57.5°	0.0	4.9	9.1	9.1	10.4	15.1	19.9	24.6	29.3	34.0	38.5
-60°	0.0	4.5	9.1	9.1	9.1	13.5	17.9	22.3	26.6	31.0	35.2
-62.5°	0.0	4.2	8.4	9.1	9.1	11.7	15.8	19.9	23.9	27.8	31.8
-65°	0.0	3.8	7.7	9.1	9.1	10.0	13.7	17.4	21.1	24.7	28.3
-67.5°	0.0	3.5	7.0	9.1	9.1	9.1	11.6	14.9	18.2	21.5	24.7
-70°	0.0	3.1	6.2	9.1	9.1	9.1	9.4	12.4	15.3	18.2	21.1
-72.5°	0.0	2.7	5.5	8.2	9.1	9.1	9.1	9.8	12.4	14.9	17.4
-75°	0.0	2.4	4.7	7.0	9.1	9.1	9.1	9.1	9.4	11.6	13.7
-77.5°	0.0	2.0	3.9	5.9	7.8	9.1	9.1	9.1	9.1	9.1	10.0
-80°	0.0	1.6	3.2	4.7	6.3	7.8	9.1	9.1	9.1	9.1	9.1
-82.5°	0.0	1.2	2.4	3.6	4.7	5.9	7.0	8.2	9.1	9.1	9.1
-85°	0.0	0.8	1.6	2.4	3.2	3.9	4.7	5.5	6.2	7.0	7.7
-87.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.7	3.1	3.5	3.8
-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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 CATALOG NUMBER: EPH-LS16-1200L-57-80-3R-A

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°	4.2	4.5	4.9	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.2
85°	8.4	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
82.5°	9.1	9.1	9.1	9.1	9.1	9.1	9.3	10.2	11.0	11.8	12.5
80°	9.1	9.1	10.4	11.7	12.9	14.2	15.4	16.5	17.6	18.6	19.6
77.5°	11.7	13.5	15.1	16.8	18.4	19.9	21.4	22.8	24.2	25.5	26.8
75°	15.8	17.9	19.9	21.9	23.8	25.7	27.5	29.2	30.8	32.4	33.9
72.5°	19.9	22.3	24.6	27.0	29.2	31.4	33.5	35.5	37.4	39.2	41.0
70°	23.9	26.6	29.3	32.0	34.5	37.0	39.4	41.7	43.9	46.7	50.7
67.5°	27.8	31.0	34.0	36.9	39.8	42.6	45.2	50.4	55.4	60.2	64.1
65°	31.8	35.2	38.5	41.8	45.0	50.9	56.9	62.7	65.9	68.5	71.0
62.5°	35.6	39.4	43.0	47.9	55.0	61.8	65.9	69.1	72.2	80.3	88.7
60°	39.4	43.4	49.6	57.4	64.3	68.0	71.6	80.2	90.3	100.1	115.5
57.5°	43.0	49.6	58.3	65.1	69.2	74.7	86.5	97.8	114.9	132.4	147.5
55°	47.9	57.4	65.1	69.6	77.3	90.3	105.1	125.6	145.2	156.6	167.5
52.5°	55.0	64.3	69.2	77.3	91.6	109.4	132.0	150.4	163.2	180.8	212.2
50°	61.8	68.0	74.7	90.3	109.4	134.2	153.0	167.1	195.1	230.2	283.1
47.5°	65.9	71.6	86.5	105.1	132.0	153.0	168.5	202.3	241.1	312.5	384.6
45°	69.1	80.2	97.8	125.6	150.4	167.1	202.3	244.8	327.3	414.6	525.2
42.5°	72.2	90.3	114.9	145.2	163.2	195.1	241.1	327.3	425.5	547.2	656.1
40°	80.3	100.1	132.4	156.6	180.8	230.2	312.5	414.6	547.2	665.9	774.3
37.5°	88.7	115.5	147.5	167.5	212.2	283.1	384.6	525.2	656.1	774.3	823.3
35°	96.7	130.1	157.1	187.4	242.2	347.6	481.7	627.0	754.4	819.2	848.2
32.5°	107.3	143.9	166.2	213.7	296.5	417.2	576.2	715.1	807.1	850.3	837.6
30°	119.1	152.2	178.9	238.5	350.2	500.4	656.9	787.2	842.8	840.8	1107.5
27.5°	130.1	159.4	200.2	278.5	405.0	578.4	730.0	818.6	846.0	926.5	1511.8
25°	140.3	166.2	219.9	321.4	472.0	644.1	787.0	847.9	838.1	1281.5	2612.3
22.5°	147.7	172.6	237.9	360.8	533.5	702.1	812.1	846.4	966.2	1648.4	3825.3
20°	152.8	187.4	263.6	399.4	589.4	754.8	835.0	840.2	1246.2	2683.3	5712.1
17.5°	157.3	200.7	292.7	445.1	634.0	788.6	851.3	834.7	1498.1	3617.0	7781.4
15°	161.2	212.2	318.1	485.2	672.0	805.1	846.8	1010.5	2024.1	4691.4	9691.8
12.5°	164.5	222.1	339.9	519.4	704.5	819.3	842.9	1186.5	2679.4	6151.0	13547.3
10°	167.3	230.2	357.7	547.7	731.4	831.0	839.7	1332.3	3222.9	7363.8	16758.0
7.5°	169.4	236.6	371.7	569.7	752.4	840.2	837.2	1446.7	3650.3	8319.1	19291.8
5°	171.0	241.1	381.8	585.6	767.5	846.8	835.4	1529.1	3958.2	9008.2	21122.1
2.5°	171.9	243.9	387.8	595.1	776.6	850.8	834.4	1578.8	4144.0	9424.3	22228.6
0°	172.2	244.8	389.8	598.3	779.6	852.1	834.0	1595.4	4206.1	9563.5	22598.9
-2.5°	171.9	243.9	387.8	595.1	776.6	850.8	834.4	1578.8	4144.0	9424.3	22228.6
-5°	171.0	241.1	381.8	585.6	767.5	846.8	835.4	1529.1	3958.2	9008.2	21122.1
-7.5°	169.4	236.6	371.7	569.7	752.4	840.2	837.2	1446.7	3650.3	8319.1	19291.8
-10°	167.3	230.2	357.7	547.7	731.4	831.0	839.7	1332.3	3222.9	7363.8	16758.0
-12.5°	164.5	222.1	339.9	519.4	704.5	819.3	842.9	1186.5	2679.4	6151.0	13547.3
-15°	161.2	212.2	318.1	485.2	672.0	805.1	846.8	1010.5	2024.1	4691.4	9691.8
-17.5°	157.3	200.7	292.7	445.1	634.0	788.6	851.3	834.7	1498.1	3617.0	7781.4
-20°	152.8	187.4	263.6	399.4	589.4	754.8	835.0	840.2	1246.2	2683.3	5712.1



REPORT NUMBER: P1306492 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-57-80-3R-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	147.7	172.6	237.9	360.8	533.5	702.1	812.1	846.4	966.2	1648.4	3825.3
-25°	140.3	166.2	219.9	321.4	472.0	644.1	787.0	847.9	838.1	1281.5	2612.3
-27.5°	130.1	159.4	200.2	278.5	405.0	578.4	730.0	818.6	846.0	926.5	1511.8
-30°	119.1	152.2	178.9	238.5	350.2	500.4	656.9	787.2	842.8	840.8	1107.5
-32.5°	107.3	143.9	166.2	213.7	296.5	417.2	576.2	715.1	807.1	850.3	837.6
-35°	96.7	130.1	157.1	187.4	242.2	347.6	481.7	627.0	754.4	819.2	848.2
-37.5°	88.7	115.5	147.5	167.5	212.2	283.1	384.6	525.2	656.1	774.3	823.3
-40°	80.3	100.1	132.4	156.6	180.8	230.2	312.5	414.6	547.2	665.9	774.3
-42.5°	72.2	90.3	114.9	145.2	163.2	195.1	241.1	327.3	425.5	547.2	656.1
-45°	69.1	80.2	97.8	125.6	150.4	167.1	202.3	244.8	327.3	414.6	525.2
-47.5°	65.9	71.6	86.5	105.1	132.0	153.0	168.5	202.3	241.1	312.5	384.6
-50°	61.8	68.0	74.7	90.3	109.4	134.2	153.0	167.1	195.1	230.2	283.1
-52.5°	55.0	64.3	69.2	77.3	91.6	109.4	132.0	150.4	163.2	180.8	212.2
-55°	47.9	57.4	65.1	69.6	77.3	90.3	105.1	125.6	145.2	156.6	167.5
-57.5°	43.0	49.6	58.3	65.1	69.2	74.7	86.5	97.8	114.9	132.4	147.5
-60°	39.4	43.4	49.6	57.4	64.3	68.0	71.6	80.2	90.3	100.1	115.5
-62.5°	35.6	39.4	43.0	47.9	55.0	61.8	65.9	69.1	72.2	80.3	88.7
-65°	31.8	35.2	38.5	41.8	45.0	50.9	56.9	62.7	65.9	68.5	71.0
-67.5°	27.8	31.0	34.0	36.9	39.8	42.6	45.2	50.4	55.4	60.2	64.1
-70°	23.9	26.6	29.3	32.0	34.5	37.0	39.4	41.7	43.9	46.7	50.7
-72.5°	19.9	22.3	24.6	27.0	29.2	31.4	33.5	35.5	37.4	39.2	41.0
-75°	15.8	17.9	19.9	21.9	23.8	25.7	27.5	29.2	30.8	32.4	33.9
-77.5°	11.7	13.5	15.1	16.8	18.4	19.9	21.4	22.8	24.2	25.5	26.8
-80°	9.1	9.1	10.4	11.7	12.9	14.2	15.4	16.5	17.6	18.6	19.6
-82.5°	9.1	9.1	9.1	9.1	9.1	9.1	9.3	10.2	11.0	11.8	12.5
-85°	8.4	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
-87.5°	4.2	4.5	4.9	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.2
-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: P1306492 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-57-80-3R-A

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°	7.5	7.7	7.9	8.1	8.2	8.4	8.6	8.7	8.8	8.9	9.0
85°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
82.5°	13.2	13.9	14.5	15.0	15.6	16.0	16.5	16.8	17.2	17.5	17.7
80°	20.6	21.5	22.3	23.1	23.8	24.4	25.0	25.5	25.9	26.3	26.6
77.5°	28.0	29.1	30.1	31.1	32.0	32.8	33.5	34.2	34.7	35.2	35.6
75°	35.4	36.7	37.9	39.1	40.1	41.1	42.0	42.7	43.4	44.0	44.5
72.5°	42.6	44.2	46.0	48.7	51.2	53.5	55.6	57.4	59.0	60.4	61.5
70°	54.5	58.2	61.5	64.1	65.5	66.8	68.0	69.0	69.9	70.7	71.4
67.5°	66.3	68.3	70.2	71.9	75.7	80.2	84.2	87.8	90.9	93.6	95.8
65°	75.3	82.1	88.5	94.4	100.1	108.4	116.0	122.7	128.6	133.6	137.7
62.5°	96.7	107.3	119.1	130.1	140.3	147.7	152.8	157.3	161.2	164.5	167.3
60°	130.1	143.9	152.2	159.4	166.2	172.6	187.4	200.7	212.2	222.1	230.2
57.5°	157.1	166.2	178.9	200.2	219.9	237.9	263.6	292.7	318.1	339.9	357.7
55°	187.4	213.7	238.5	278.5	321.4	360.8	399.4	445.1	485.2	519.4	547.7
52.5°	242.2	296.5	350.2	405.0	472.0	533.5	589.4	634.0	672.0	704.5	731.4
50°	347.6	417.2	500.4	578.4	644.1	702.1	754.8	788.6	805.1	819.3	831.0
47.5°	481.7	576.2	656.9	730.0	787.0	812.1	835.0	851.3	846.8	842.9	839.7
45°	627.0	715.1	787.2	818.6	847.9	846.4	840.2	834.7	1010.5	1186.5	1332.3
42.5°	754.4	807.1	842.8	846.0	838.1	966.2	1246.2	1498.1	2024.1	2679.4	3222.9
40°	819.2	850.3	840.8	926.5	1281.5	1648.4	2683.3	3617.0	4691.4	6151.0	7363.8
37.5°	848.2	837.6	1107.5	1511.8	2612.3	3825.3	5712.1	7781.4	9691.8	13547.3	16758.0
35°	836.6	1199.1	1790.3	3268.2	5141.7	7812.1	11292.2	16728.7	21564.2	26208.5	30211.3
32.5°	1199.1	1952.1	3600.2	6190.1	9244.6	15751.0	22194.6	28854.8	34852.7	39204.2	42093.2
30°	1790.3	3600.2	6542.7	10555.2	18480.2	26418.4	34348.5	40221.6	44525.0	47607.9	48376.5
27.5°	3268.2	6190.1	10555.2	19399.3	28594.8	37653.6	43291.9	47655.4	48792.2	49789.3	50318.6
25°	5141.7	9244.6	18480.2	28594.8	38406.5	44856.9	48248.3	49611.0	50453.1	51136.0	51801.8
22.5°	7812.1	15751.0	26418.4	37653.6	44856.9	48448.7	49941.7	50863.7	51788.9	52690.6	53718.4
20°	11292.2	22194.6	34348.5	43291.9	48248.3	49941.7	51003.0	52142.0	53344.6	55058.0	56862.5
17.5°	16728.7	28854.8	40221.6	47655.4	49611.0	50863.7	52142.0	53672.1	55752.4	59194.2	62685.9
15°	21564.2	34852.7	44525.0	48792.2	50453.1	51788.9	53344.6	55752.4	59993.9	66063.2	74284.5
12.5°	26208.5	39204.2	47607.9	49789.3	51136.0	52690.6	55058.0	59194.2	66063.2	76281.2	95857.4
10°	30211.3	42093.2	48376.5	50318.6	51801.8	53718.4	56862.5	62685.9	74284.5	95857.4	124355.8
7.5°	33377.4	44384.6	48988.1	50740.4	52363.6	54798.5	59421.5	68526.0	86332.0	116120.9	164457.3
5°	35668.5	46046.4	49432.9	51048.1	52775.3	55594.7	61322.6	73082.1	97884.2	138920.0	218948.7
2.5°	37055.4	47053.9	49703.1	51235.6	53026.9	56083.2	62495.7	75916.6	105157.9	156646.9	291331.5
0°	37519.8	47391.5	49793.7	51298.5	53111.5	56247.9	62892.5	76879.7	107646.1	163785.3	319439.3
-2.5°	37055.4	47053.9	49703.1	51235.6	53026.9	56083.2	62495.7	75916.6	105157.9	156646.9	291331.5
-5°	35668.5	46046.4	49432.9	51048.1	52775.3	55594.7	61322.6	73082.1	97884.2	138920.0	218948.7
-7.5°	33377.4	44384.6	48988.1	50740.4	52363.6	54798.5	59421.5	68526.0	86332.0	116120.9	164457.3
-10°	30211.3	42093.2	48376.5	50318.6	51801.8	53718.4	56862.5	62685.9	74284.5	95857.4	124355.8
-12.5°	26208.5	39204.2	47607.9	49789.3	51136.0	52690.6	55058.0	59194.2	66063.2	76281.2	95857.4
-15°	21564.2	34852.7	44525.0	48792.2	50453.1	51788.9	53344.6	55752.4	59993.9	66063.2	74284.5
-17.5°	16728.7	28854.8	40221.6	47655.4	49611.0	50863.7	52142.0	53672.1	55752.4	59194.2	62685.9
-20°	11292.2	22194.6	34348.5	43291.9	48248.3	49941.7	51003.0	52142.0	53344.6	55058.0	56862.5



REPORT NUMBER: P1306492 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-57-80-3R-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7812.1	15751.0	26418.4	37653.6	44856.9	48448.7	49941.7	50863.7	51788.9	52690.6	53718.4
-25°	5141.7	9244.6	18480.2	28594.8	38406.5	44856.9	48248.3	49611.0	50453.1	51136.0	51801.8
-27.5°	3268.2	6190.1	10555.2	19399.3	28594.8	37653.6	43291.9	47655.4	48792.2	49789.3	50318.6
-30°	1790.3	3600.2	6542.7	10555.2	18480.2	26418.4	34348.5	40221.6	44525.0	47607.9	48376.5
-32.5°	1199.1	1952.1	3600.2	6190.1	9244.6	15751.0	22194.6	28854.8	34852.7	39204.2	42093.2
-35°	836.6	1199.1	1790.3	3268.2	5141.7	7812.1	11292.2	16728.7	21564.2	26208.5	30211.3
-37.5°	848.2	837.6	1107.5	1511.8	2612.3	3825.3	5712.1	7781.4	9691.8	13547.3	16758.0
-40°	819.2	850.3	840.8	926.5	1281.5	1648.4	2683.3	3617.0	4691.4	6151.0	7363.8
-42.5°	754.4	807.1	842.8	846.0	838.1	966.2	1246.2	1498.1	2024.1	2679.4	3222.9
-45°	627.0	715.1	787.2	818.6	847.9	846.4	840.2	834.7	1010.5	1186.5	1332.3
-47.5°	481.7	576.2	656.9	730.0	787.0	812.1	835.0	851.3	846.8	842.9	839.7
-50°	347.6	417.2	500.4	578.4	644.1	702.1	754.8	788.6	805.1	819.3	831.0
-52.5°	242.2	296.5	350.2	405.0	472.0	533.5	589.4	634.0	672.0	704.5	731.4
-55°	187.4	213.7	238.5	278.5	321.4	360.8	399.4	445.1	485.2	519.4	547.7
-57.5°	157.1	166.2	178.9	200.2	219.9	237.9	263.6	292.7	318.1	339.9	357.7
-60°	130.1	143.9	152.2	159.4	166.2	172.6	187.4	200.7	212.2	222.1	230.2
-62.5°	96.7	107.3	119.1	130.1	140.3	147.7	152.8	157.3	161.2	164.5	167.3
-65°	75.3	82.1	88.5	94.4	100.1	108.4	116.0	122.7	128.6	133.6	137.7
-67.5°	66.3	68.3	70.2	71.9	75.7	80.2	84.2	87.8	90.9	93.6	95.8
-70°	54.5	58.2	61.5	64.1	65.5	66.8	68.0	69.0	69.9	70.7	71.4
-72.5°	42.6	44.2	46.0	48.7	51.2	53.5	55.6	57.4	59.0	60.4	61.5
-75°	35.4	36.7	37.9	39.1	40.1	41.1	42.0	42.7	43.4	44.0	44.5
-77.5°	28.0	29.1	30.1	31.1	32.0	32.8	33.5	34.2	34.7	35.2	35.6
-80°	20.6	21.5	22.3	23.1	23.8	24.4	25.0	25.5	25.9	26.3	26.6
-82.5°	13.2	13.9	14.5	15.0	15.6	16.0	16.5	16.8	17.2	17.5	17.7
-85°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
-87.5°	7.5	7.7	7.9	8.1	8.2	8.4	8.6	8.7	8.8	8.9	9.0
-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: P1306492 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-57-80-3R-A

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°	9.0	9.1	9.1	9.1	9.1	9.1	9.0	9.0	8.9	8.8	8.7
85°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
82.5°	17.9	18.0	18.1	18.1	18.1	18.0	17.9	17.7	17.5	17.2	16.8
80°	26.9	27.1	27.2	27.2	27.2	27.1	26.9	26.6	26.3	25.9	25.5
77.5°	35.9	36.1	36.3	36.3	36.3	36.1	35.9	35.6	35.2	34.7	34.2
75°	44.8	45.1	45.2	45.3	45.2	45.1	44.8	44.5	44.0	43.4	42.7
72.5°	62.4	63.0	63.4	63.5	63.4	63.0	62.4	61.5	60.4	59.0	57.4
70°	71.9	72.2	72.4	72.5	72.4	72.2	71.9	71.4	70.7	69.9	69.0
67.5°	97.5	98.7	99.5	99.7	99.5	98.7	97.5	95.8	93.6	90.9	87.8
65°	140.9	143.2	144.5	145.0	144.5	143.2	140.9	137.7	133.6	128.6	122.7
62.5°	169.4	171.0	171.9	172.2	171.9	171.0	169.4	167.3	164.5	161.2	157.3
60°	236.6	241.1	243.9	244.8	243.9	241.1	236.6	230.2	222.1	212.2	200.7
57.5°	371.7	381.8	387.8	389.8	387.8	381.8	371.7	357.7	339.9	318.1	292.7
55°	569.7	585.6	595.1	598.3	595.1	585.6	569.7	547.7	519.4	485.2	445.1
52.5°	752.4	767.5	776.6	779.6	776.6	767.5	752.4	731.4	704.5	672.0	634.0
50°	840.2	846.8	850.8	852.1	850.8	846.8	840.2	831.0	819.3	805.1	788.6
47.5°	837.2	835.4	834.4	834.0	834.4	835.4	837.2	839.7	842.9	846.8	851.3
45°	1446.7	1529.1	1578.8	1595.4	1578.8	1529.1	1446.7	1332.3	1186.5	1010.5	834.7
42.5°	3650.3	3958.2	4144.0	4206.1	4144.0	3958.2	3650.3	3222.9	2679.4	2024.1	1498.1
40°	8319.1	9008.2	9424.3	9563.5	9424.3	9008.2	8319.1	7363.8	6151.0	4691.4	3617.0
37.5°	19291.8	21122.1	22228.6	22598.9	22228.6	21122.1	19291.8	16758.0	13547.3	9691.8	7781.4
35°	33377.4	35668.5	37055.4	37519.8	37055.4	35668.5	33377.4	30211.3	26208.5	21564.2	16728.7
32.5°	44384.6	46046.4	47053.9	47391.5	47053.9	46046.4	44384.6	42093.2	39204.2	34852.7	28854.8
30°	48988.1	49432.9	49703.1	49793.7	49703.1	49432.9	48988.1	48376.5	47607.9	44525.0	40221.6
27.5°	50740.4	51048.1	51235.6	51298.5	51235.6	51048.1	50740.4	50318.6	49789.3	48792.2	47655.4
25°	52363.6	52775.3	53026.9	53111.5	53026.9	52775.3	52363.6	51801.8	51136.0	50453.1	49611.0
22.5°	54798.5	55594.7	56083.2	56247.9	56083.2	55594.7	54798.5	53718.4	52690.6	51788.9	50863.7
20°	59421.5	61322.6	62495.7	62892.5	62495.7	61322.6	59421.5	56862.5	55058.0	53344.6	52142.0
17.5°	68526.0	73082.1	75916.6	76879.7	75916.6	73082.1	68526.0	62685.9	59194.2	55752.4	53672.1
15°	86332.0	97884.2	105157.9	107646.1	105157.9	97884.2	86332.0	74284.5	66063.2	59993.9	55752.4
12.5°	116120.9	138920.0	156646.9	163785.3	156646.9	138920.0	116120.9	95857.4	76281.2	66063.2	59194.2
10°	164457.3	218948.7	291331.5	319439.3	291331.5	218948.7	164457.3	124355.8	95857.4	74284.5	62685.9
7.5°	264879.3	473447.7	685514.6	755639.5	685514.6	473447.7	264879.3	164457.3	116120.9	86332.0	68526.0
5°	473447.7	830977.5	#####	#####	#####	830977.5	473447.7	218948.7	138920.0	97884.2	73082.1
2.5°	685514.6	#####	#####	#####	#####	#####	685514.6	291331.5	156646.9	105157.9	75916.6
0°	755639.5	#####	#####	#####	#####	#####	755639.5	319439.3	163785.3	107646.1	76879.7
-2.5°	685514.6	#####	#####	#####	#####	#####	685514.6	291331.5	156646.9	105157.9	75916.6
-5°	473447.7	830977.5	#####	#####	#####	830977.5	473447.7	218948.7	138920.0	97884.2	73082.1
-7.5°	264879.3	473447.7	685514.6	755639.5	685514.6	473447.7	264879.3	164457.3	116120.9	86332.0	68526.0
-10°	164457.3	218948.7	291331.5	319439.3	291331.5	218948.7	164457.3	124355.8	95857.4	74284.5	62685.9
-12.5°	116120.9	138920.0	156646.9	163785.3	156646.9	138920.0	116120.9	95857.4	76281.2	66063.2	59194.2
-15°	86332.0	97884.2	105157.9	107646.1	105157.9	97884.2	86332.0	74284.5	66063.2	59993.9	55752.4
-17.5°	68526.0	73082.1	75916.6	76879.7	75916.6	73082.1	68526.0	62685.9	59194.2	55752.4	53672.1
-20°	59421.5	61322.6	62495.7	62892.5	62495.7	61322.6	59421.5	56862.5	55058.0	53344.6	52142.0



REPORT NUMBER: P1306492 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-57-80-3R-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	54798.5	55594.7	56083.2	56247.9	56083.2	55594.7	54798.5	53718.4	52690.6	51788.9	50863.7
-25°	52363.6	52775.3	53026.9	53111.5	53026.9	52775.3	52363.6	51801.8	51136.0	50453.1	49611.0
-27.5°	50740.4	51048.1	51235.6	51298.5	51235.6	51048.1	50740.4	50318.6	49789.3	48792.2	47655.4
-30°	48988.1	49432.9	49703.1	49793.7	49703.1	49432.9	48988.1	48376.5	47607.9	44525.0	40221.6
-32.5°	44384.6	46046.4	47053.9	47391.5	47053.9	46046.4	44384.6	42093.2	39204.2	34852.7	28854.8
-35°	33377.4	35668.5	37055.4	37519.8	37055.4	35668.5	33377.4	30211.3	26208.5	21564.2	16728.7
-37.5°	19291.8	21122.1	22228.6	22598.9	22228.6	21122.1	19291.8	16758.0	13547.3	9691.8	7781.4
-40°	8319.1	9008.2	9424.3	9563.5	9424.3	9008.2	8319.1	7363.8	6151.0	4691.4	3617.0
-42.5°	3650.3	3958.2	4144.0	4206.1	4144.0	3958.2	3650.3	3222.9	2679.4	2024.1	1498.1
-45°	1446.7	1529.1	1578.8	1595.4	1578.8	1529.1	1446.7	1332.3	1186.5	1010.5	834.7
-47.5°	837.2	835.4	834.4	834.0	834.4	835.4	837.2	839.7	842.9	846.8	851.3
-50°	840.2	846.8	850.8	852.1	850.8	846.8	840.2	831.0	819.3	805.1	788.6
-52.5°	752.4	767.5	776.6	779.6	776.6	767.5	752.4	731.4	704.5	672.0	634.0
-55°	569.7	585.6	595.1	598.3	595.1	585.6	569.7	547.7	519.4	485.2	445.1
-57.5°	371.7	381.8	387.8	389.8	387.8	381.8	371.7	357.7	339.9	318.1	292.7
-60°	236.6	241.1	243.9	244.8	243.9	241.1	236.6	230.2	222.1	212.2	200.7
-62.5°	169.4	171.0	171.9	172.2	171.9	171.0	169.4	167.3	164.5	161.2	157.3
-65°	140.9	143.2	144.5	145.0	144.5	143.2	140.9	137.7	133.6	128.6	122.7
-67.5°	97.5	98.7	99.5	99.7	99.5	98.7	97.5	95.8	93.6	90.9	87.8
-70°	71.9	72.2	72.4	72.5	72.4	72.2	71.9	71.4	70.7	69.9	69.0
-72.5°	62.4	63.0	63.4	63.5	63.4	63.0	62.4	61.5	60.4	59.0	57.4
-75°	44.8	45.1	45.2	45.3	45.2	45.1	44.8	44.5	44.0	43.4	42.7
-77.5°	35.9	36.1	36.3	36.3	36.3	36.1	35.9	35.6	35.2	34.7	34.2
-80°	26.9	27.1	27.2	27.2	27.2	27.1	26.9	26.6	26.3	25.9	25.5
-82.5°	17.9	18.0	18.1	18.1	18.1	18.0	17.9	17.7	17.5	17.2	16.8
-85°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
-87.5°	9.0	9.1	9.1	9.1	9.1	9.1	9.0	9.0	8.9	8.8	8.7
-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: P1306492 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-57-80-3R-A

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°	8.6	8.4	8.2	8.1	7.9	7.7	7.5	7.2	7.0	6.7	6.4
85°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
82.5°	16.5	16.0	15.6	15.0	14.5	13.9	13.2	12.5	11.8	11.0	10.2
80°	25.0	24.4	23.8	23.1	22.3	21.5	20.6	19.6	18.6	17.6	16.5
77.5°	33.5	32.8	32.0	31.1	30.1	29.1	28.0	26.8	25.5	24.2	22.8
75°	42.0	41.1	40.1	39.1	37.9	36.7	35.4	33.9	32.4	30.8	29.2
72.5°	55.6	53.5	51.2	48.7	46.0	44.2	42.6	41.0	39.2	37.4	35.5
70°	68.0	66.8	65.5	64.1	61.5	58.2	54.5	50.7	46.7	43.9	41.7
67.5°	84.2	80.2	75.7	71.9	70.2	68.3	66.3	64.1	60.2	55.4	50.4
65°	116.0	108.4	100.1	94.4	88.5	82.1	75.3	71.0	68.5	65.9	62.7
62.5°	152.8	147.7	140.3	130.1	119.1	107.3	96.7	88.7	80.3	72.2	69.1
60°	187.4	172.6	166.2	159.4	152.2	143.9	130.1	115.5	100.1	90.3	80.2
57.5°	263.6	237.9	219.9	200.2	178.9	166.2	157.1	147.5	132.4	114.9	97.8
55°	399.4	360.8	321.4	278.5	238.5	213.7	187.4	167.5	156.6	145.2	125.6
52.5°	589.4	533.5	472.0	405.0	350.2	296.5	242.2	212.2	180.8	163.2	150.4
50°	754.8	702.1	644.1	578.4	500.4	417.2	347.6	283.1	230.2	195.1	167.1
47.5°	835.0	812.1	787.0	730.0	656.9	576.2	481.7	384.6	312.5	241.1	202.3
45°	840.2	846.4	847.9	818.6	787.2	715.1	627.0	525.2	414.6	327.3	244.8
42.5°	1246.2	966.2	838.1	846.0	842.8	807.1	754.4	656.1	547.2	425.5	327.3
40°	2683.3	1648.4	1281.5	926.5	840.8	850.3	819.2	774.3	665.9	547.2	414.6
37.5°	5712.1	3825.3	2612.3	1511.8	1107.5	837.6	848.2	823.3	774.3	656.1	525.2
35°	11292.2	7812.1	5141.7	3268.2	1790.3	1199.1	836.6	848.2	819.2	754.4	627.0
32.5°	22194.6	15751.0	9244.6	6190.1	3600.2	1952.1	1199.1	837.6	850.3	807.1	715.1
30°	34348.5	26418.4	18480.2	10555.2	6542.7	3600.2	1790.3	1107.5	840.8	842.8	787.2
27.5°	43291.9	37653.6	28594.8	19399.3	10555.2	6190.1	3268.2	1511.8	926.5	846.0	818.6
25°	48248.3	44856.9	38406.5	28594.8	18480.2	9244.6	5141.7	2612.3	1281.5	838.1	847.9
22.5°	49941.7	48448.7	44856.9	37653.6	26418.4	15751.0	7812.1	3825.3	1648.4	966.2	846.4
20°	51003.0	49941.7	48248.3	43291.9	34348.5	22194.6	11292.2	5712.1	2683.3	1246.2	840.2
17.5°	52142.0	50863.7	49611.0	47655.4	40221.6	28854.8	16728.7	7781.4	3617.0	1498.1	834.7
15°	53344.6	51788.9	50453.1	48792.2	44525.0	34852.7	21564.2	9691.8	4691.4	2024.1	1010.5
12.5°	55058.0	52690.6	51136.0	49789.3	47607.9	39204.2	26208.5	13547.3	6151.0	2679.4	1186.5
10°	56862.5	53718.4	51801.8	50318.6	48376.5	42093.2	30211.3	16758.0	7363.8	3222.9	1332.3
7.5°	59421.5	54798.5	52363.6	50740.4	48988.1	44384.6	33377.4	19291.8	8319.1	3650.3	1446.7
5°	61322.6	55594.7	52775.3	51048.1	49432.9	46046.4	35668.5	21122.1	9008.2	3958.2	1529.1
2.5°	62495.7	56083.2	53026.9	51235.6	49703.1	47053.9	37055.4	22228.6	9424.3	4144.0	1578.8
0°	62892.5	56247.9	53111.5	51298.5	49793.7	47391.5	37519.8	22598.9	9563.5	4206.1	1595.4
-2.5°	62495.7	56083.2	53026.9	51235.6	49703.1	47053.9	37055.4	22228.6	9424.3	4144.0	1578.8
-5°	61322.6	55594.7	52775.3	51048.1	49432.9	46046.4	35668.5	21122.1	9008.2	3958.2	1529.1
-7.5°	59421.5	54798.5	52363.6	50740.4	48988.1	44384.6	33377.4	19291.8	8319.1	3650.3	1446.7
-10°	56862.5	53718.4	51801.8	50318.6	48376.5	42093.2	30211.3	16758.0	7363.8	3222.9	1332.3
-12.5°	55058.0	52690.6	51136.0	49789.3	47607.9	39204.2	26208.5	13547.3	6151.0	2679.4	1186.5
-15°	53344.6	51788.9	50453.1	48792.2	44525.0	34852.7	21564.2	9691.8	4691.4	2024.1	1010.5
-17.5°	52142.0	50863.7	49611.0	47655.4	40221.6	28854.8	16728.7	7781.4	3617.0	1498.1	834.7
-20°	51003.0	49941.7	48248.3	43291.9	34348.5	22194.6	11292.2	5712.1	2683.3	1246.2	840.2



REPORT NUMBER: P1306492 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-57-80-3R-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	49941.7	48448.7	44856.9	37653.6	26418.4	15751.0	7812.1	3825.3	1648.4	966.2	846.4
-25°	48248.3	44856.9	38406.5	28594.8	18480.2	9244.6	5141.7	2612.3	1281.5	838.1	847.9
-27.5°	43291.9	37653.6	28594.8	19399.3	10555.2	6190.1	3268.2	1511.8	926.5	846.0	818.6
-30°	34348.5	26418.4	18480.2	10555.2	6542.7	3600.2	1790.3	1107.5	840.8	842.8	787.2
-32.5°	22194.6	15751.0	9244.6	6190.1	3600.2	1952.1	1199.1	837.6	850.3	807.1	715.1
-35°	11292.2	7812.1	5141.7	3268.2	1790.3	1199.1	836.6	848.2	819.2	754.4	627.0
-37.5°	5712.1	3825.3	2612.3	1511.8	1107.5	837.6	848.2	823.3	774.3	656.1	525.2
-40°	2683.3	1648.4	1281.5	926.5	840.8	850.3	819.2	774.3	665.9	547.2	414.6
-42.5°	1246.2	966.2	838.1	846.0	842.8	807.1	754.4	656.1	547.2	425.5	327.3
-45°	840.2	846.4	847.9	818.6	787.2	715.1	627.0	525.2	414.6	327.3	244.8
-47.5°	835.0	812.1	787.0	730.0	656.9	576.2	481.7	384.6	312.5	241.1	202.3
-50°	754.8	702.1	644.1	578.4	500.4	417.2	347.6	283.1	230.2	195.1	167.1
-52.5°	589.4	533.5	472.0	405.0	350.2	296.5	242.2	212.2	180.8	163.2	150.4
-55°	399.4	360.8	321.4	278.5	238.5	213.7	187.4	167.5	156.6	145.2	125.6
-57.5°	263.6	237.9	219.9	200.2	178.9	166.2	157.1	147.5	132.4	114.9	97.8
-60°	187.4	172.6	166.2	159.4	152.2	143.9	130.1	115.5	100.1	90.3	80.2
-62.5°	152.8	147.7	140.3	130.1	119.1	107.3	96.7	88.7	80.3	72.2	69.1
-65°	116.0	108.4	100.1	94.4	88.5	82.1	75.3	71.0	68.5	65.9	62.7
-67.5°	84.2	80.2	75.7	71.9	70.2	68.3	66.3	64.1	60.2	55.4	50.4
-70°	68.0	66.8	65.5	64.1	61.5	58.2	54.5	50.7	46.7	43.9	41.7
-72.5°	55.6	53.5	51.2	48.7	46.0	44.2	42.6	41.0	39.2	37.4	35.5
-75°	42.0	41.1	40.1	39.1	37.9	36.7	35.4	33.9	32.4	30.8	29.2
-77.5°	33.5	32.8	32.0	31.1	30.1	29.1	28.0	26.8	25.5	24.2	22.8
-80°	25.0	24.4	23.8	23.1	22.3	21.5	20.6	19.6	18.6	17.6	16.5
-82.5°	16.5	16.0	15.6	15.0	14.5	13.9	13.2	12.5	11.8	11.0	10.2
-85°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
-87.5°	8.6	8.4	8.2	8.1	7.9	7.7	7.5	7.2	7.0	6.7	6.4
-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: P1306492 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-57-80-3R-A

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°	6.1	5.8	5.5	5.2	4.9	4.5	4.2	3.8	3.5	3.1	2.7
85°	9.1	9.1	9.1	9.1	9.1	9.1	8.4	7.7	7.0	6.2	5.5
82.5°	9.3	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	8.2
80°	15.4	14.2	12.9	11.7	10.4	9.1	9.1	9.1	9.1	9.1	9.1
77.5°	21.4	19.9	18.4	16.8	15.1	13.5	11.7	10.0	9.1	9.1	9.1
75°	27.5	25.7	23.8	21.9	19.9	17.9	15.8	13.7	11.6	9.4	9.1
72.5°	33.5	31.4	29.2	27.0	24.6	22.3	19.9	17.4	14.9	12.4	9.8
70°	39.4	37.0	34.5	32.0	29.3	26.6	23.9	21.1	18.2	15.3	12.4
67.5°	45.2	42.6	39.8	36.9	34.0	31.0	27.8	24.7	21.5	18.2	14.9
65°	56.9	50.9	45.0	41.8	38.5	35.2	31.8	28.3	24.7	21.1	17.4
62.5°	65.9	61.8	55.0	47.9	43.0	39.4	35.6	31.8	27.8	23.9	19.9
60°	71.6	68.0	64.3	57.4	49.6	43.4	39.4	35.2	31.0	26.6	22.3
57.5°	86.5	74.7	69.2	65.1	58.3	49.6	43.0	38.5	34.0	29.3	24.6
55°	105.1	90.3	77.3	69.6	65.1	57.4	47.9	41.8	36.9	32.0	27.0
52.5°	132.0	109.4	91.6	77.3	69.2	64.3	55.0	45.0	39.8	34.5	29.2
50°	153.0	134.2	109.4	90.3	74.7	68.0	61.8	50.9	42.6	37.0	31.4
47.5°	168.5	153.0	132.0	105.1	86.5	71.6	65.9	56.9	45.2	39.4	33.5
45°	202.3	167.1	150.4	125.6	97.8	80.2	69.1	62.7	50.4	41.7	35.5
42.5°	241.1	195.1	163.2	145.2	114.9	90.3	72.2	65.9	55.4	43.9	37.4
40°	312.5	230.2	180.8	156.6	132.4	100.1	80.3	68.5	60.2	46.7	39.2
37.5°	384.6	283.1	212.2	167.5	147.5	115.5	88.7	71.0	64.1	50.7	41.0
35°	481.7	347.6	242.2	187.4	157.1	130.1	96.7	75.3	66.3	54.5	42.6
32.5°	576.2	417.2	296.5	213.7	166.2	143.9	107.3	82.1	68.3	58.2	44.2
30°	656.9	500.4	350.2	238.5	178.9	152.2	119.1	88.5	70.2	61.5	46.0
27.5°	730.0	578.4	405.0	278.5	200.2	159.4	130.1	94.4	71.9	64.1	48.7
25°	787.0	644.1	472.0	321.4	219.9	166.2	140.3	100.1	75.7	65.5	51.2
22.5°	812.1	702.1	533.5	360.8	237.9	172.6	147.7	108.4	80.2	66.8	53.5
20°	835.0	754.8	589.4	399.4	263.6	187.4	152.8	116.0	84.2	68.0	55.6
17.5°	851.3	788.6	634.0	445.1	292.7	200.7	157.3	122.7	87.8	69.0	57.4
15°	846.8	805.1	672.0	485.2	318.1	212.2	161.2	128.6	90.9	69.9	59.0
12.5°	842.9	819.3	704.5	519.4	339.9	222.1	164.5	133.6	93.6	70.7	60.4
10°	839.7	831.0	731.4	547.7	357.7	230.2	167.3	137.7	95.8	71.4	61.5
7.5°	837.2	840.2	752.4	569.7	371.7	236.6	169.4	140.9	97.5	71.9	62.4
5°	835.4	846.8	767.5	585.6	381.8	241.1	171.0	143.2	98.7	72.2	63.0
2.5°	834.4	850.8	776.6	595.1	387.8	243.9	171.9	144.5	99.5	72.4	63.4
0°	834.0	852.1	779.6	598.3	389.8	244.8	172.2	145.0	99.7	72.5	63.5
-2.5°	834.4	850.8	776.6	595.1	387.8	243.9	171.9	144.5	99.5	72.4	63.4
-5°	835.4	846.8	767.5	585.6	381.8	241.1	171.0	143.2	98.7	72.2	63.0
-7.5°	837.2	840.2	752.4	569.7	371.7	236.6	169.4	140.9	97.5	71.9	62.4
-10°	839.7	831.0	731.4	547.7	357.7	230.2	167.3	137.7	95.8	71.4	61.5
-12.5°	842.9	819.3	704.5	519.4	339.9	222.1	164.5	133.6	93.6	70.7	60.4
-15°	846.8	805.1	672.0	485.2	318.1	212.2	161.2	128.6	90.9	69.9	59.0
-17.5°	851.3	788.6	634.0	445.1	292.7	200.7	157.3	122.7	87.8	69.0	57.4
-20°	835.0	754.8	589.4	399.4	263.6	187.4	152.8	116.0	84.2	68.0	55.6



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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°	812.1	702.1	533.5	360.8	237.9	172.6	147.7	108.4	80.2	66.8	53.5
-25°	787.0	644.1	472.0	321.4	219.9	166.2	140.3	100.1	75.7	65.5	51.2
-27.5°	730.0	578.4	405.0	278.5	200.2	159.4	130.1	94.4	71.9	64.1	48.7
-30°	656.9	500.4	350.2	238.5	178.9	152.2	119.1	88.5	70.2	61.5	46.0
-32.5°	576.2	417.2	296.5	213.7	166.2	143.9	107.3	82.1	68.3	58.2	44.2
-35°	481.7	347.6	242.2	187.4	157.1	130.1	96.7	75.3	66.3	54.5	42.6
-37.5°	384.6	283.1	212.2	167.5	147.5	115.5	88.7	71.0	64.1	50.7	41.0
-40°	312.5	230.2	180.8	156.6	132.4	100.1	80.3	68.5	60.2	46.7	39.2
-42.5°	241.1	195.1	163.2	145.2	114.9	90.3	72.2	65.9	55.4	43.9	37.4
-45°	202.3	167.1	150.4	125.6	97.8	80.2	69.1	62.7	50.4	41.7	35.5
-47.5°	168.5	153.0	132.0	105.1	86.5	71.6	65.9	56.9	45.2	39.4	33.5
-50°	153.0	134.2	109.4	90.3	74.7	68.0	61.8	50.9	42.6	37.0	31.4
-52.5°	132.0	109.4	91.6	77.3	69.2	64.3	55.0	45.0	39.8	34.5	29.2
-55°	105.1	90.3	77.3	69.6	65.1	57.4	47.9	41.8	36.9	32.0	27.0
-57.5°	86.5	74.7	69.2	65.1	58.3	49.6	43.0	38.5	34.0	29.3	24.6
-60°	71.6	68.0	64.3	57.4	49.6	43.4	39.4	35.2	31.0	26.6	22.3
-62.5°	65.9	61.8	55.0	47.9	43.0	39.4	35.6	31.8	27.8	23.9	19.9
-65°	56.9	50.9	45.0	41.8	38.5	35.2	31.8	28.3	24.7	21.1	17.4
-67.5°	45.2	42.6	39.8	36.9	34.0	31.0	27.8	24.7	21.5	18.2	14.9
-70°	39.4	37.0	34.5	32.0	29.3	26.6	23.9	21.1	18.2	15.3	12.4
-72.5°	33.5	31.4	29.2	27.0	24.6	22.3	19.9	17.4	14.9	12.4	9.8
-75°	27.5	25.7	23.8	21.9	19.9	17.9	15.8	13.7	11.6	9.4	9.1
-77.5°	21.4	19.9	18.4	16.8	15.1	13.5	11.7	10.0	9.1	9.1	9.1
-80°	15.4	14.2	12.9	11.7	10.4	9.1	9.1	9.1	9.1	9.1	9.1
-82.5°	9.3	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	8.2
-85°	9.1	9.1	9.1	9.1	9.1	9.1	8.4	7.7	7.0	6.2	5.5
-87.5°	6.1	5.8	5.5	5.2	4.9	4.5	4.2	3.8	3.5	3.1	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
85°	4.7	3.9	3.2	2.4	1.6	0.8	0.0
82.5°	7.0	5.9	4.7	3.6	2.4	1.2	0.0
80°	9.1	7.8	6.3	4.7	3.2	1.6	0.0
77.5°	9.1	9.1	7.8	5.9	3.9	2.0	0.0
75°	9.1	9.1	9.1	7.0	4.7	2.4	0.0
72.5°	9.1	9.1	9.1	8.2	5.5	2.7	0.0
70°	9.4	9.1	9.1	9.1	6.2	3.1	0.0
67.5°	11.6	9.1	9.1	9.1	7.0	3.5	0.0
65°	13.7	10.0	9.1	9.1	7.7	3.8	0.0
62.5°	15.8	11.7	9.1	9.1	8.4	4.2	0.0
60°	17.9	13.5	9.1	9.1	9.1	4.5	0.0
57.5°	19.9	15.1	10.4	9.1	9.1	4.9	0.0
55°	21.9	16.8	11.7	9.1	9.1	5.2	0.0
52.5°	23.8	18.4	12.9	9.1	9.1	5.5	0.0
50°	25.7	19.9	14.2	9.1	9.1	5.8	0.0
47.5°	27.5	21.4	15.4	9.3	9.1	6.1	0.0
45°	29.2	22.8	16.5	10.2	9.1	6.4	0.0
42.5°	30.8	24.2	17.6	11.0	9.1	6.7	0.0
40°	32.4	25.5	18.6	11.8	9.1	7.0	0.0
37.5°	33.9	26.8	19.6	12.5	9.1	7.2	0.0
35°	35.4	28.0	20.6	13.2	9.1	7.5	0.0
32.5°	36.7	29.1	21.5	13.9	9.1	7.7	0.0
30°	37.9	30.1	22.3	14.5	9.1	7.9	0.0
27.5°	39.1	31.1	23.1	15.0	9.1	8.1	0.0
25°	40.1	32.0	23.8	15.6	9.1	8.2	0.0
22.5°	41.1	32.8	24.4	16.0	9.1	8.4	0.0
20°	42.0	33.5	25.0	16.5	9.1	8.6	0.0
17.5°	42.7	34.2	25.5	16.8	9.1	8.7	0.0
15°	43.4	34.7	25.9	17.2	9.1	8.8	0.0
12.5°	44.0	35.2	26.3	17.5	9.1	8.9	0.0
10°	44.5	35.6	26.6	17.7	9.1	9.0	0.0
7.5°	44.8	35.9	26.9	17.9	9.1	9.0	0.0
5°	45.1	36.1	27.1	18.0	9.1	9.1	0.0
2.5°	45.2	36.3	27.2	18.1	9.1	9.1	0.0
0°	45.3	36.3	27.2	18.1	9.1	9.1	0.0
-2.5°	45.2	36.3	27.2	18.1	9.1	9.1	0.0
-5°	45.1	36.1	27.1	18.0	9.1	9.1	0.0
-7.5°	44.8	35.9	26.9	17.9	9.1	9.0	0.0
-10°	44.5	35.6	26.6	17.7	9.1	9.0	0.0
-12.5°	44.0	35.2	26.3	17.5	9.1	8.9	0.0
-15°	43.4	34.7	25.9	17.2	9.1	8.8	0.0
-17.5°	42.7	34.2	25.5	16.8	9.1	8.7	0.0
-20°	42.0	33.5	25.0	16.5	9.1	8.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	41.1	32.8	24.4	16.0	9.1	8.4	0.0
-25°	40.1	32.0	23.8	15.6	9.1	8.2	0.0
-27.5°	39.1	31.1	23.1	15.0	9.1	8.1	0.0
-30°	37.9	30.1	22.3	14.5	9.1	7.9	0.0
-32.5°	36.7	29.1	21.5	13.9	9.1	7.7	0.0
-35°	35.4	28.0	20.6	13.2	9.1	7.5	0.0
-37.5°	33.9	26.8	19.6	12.5	9.1	7.2	0.0
-40°	32.4	25.5	18.6	11.8	9.1	7.0	0.0
-42.5°	30.8	24.2	17.6	11.0	9.1	6.7	0.0
-45°	29.2	22.8	16.5	10.2	9.1	6.4	0.0
-47.5°	27.5	21.4	15.4	9.3	9.1	6.1	0.0
-50°	25.7	19.9	14.2	9.1	9.1	5.8	0.0
-52.5°	23.8	18.4	12.9	9.1	9.1	5.5	0.0
-55°	21.9	16.8	11.7	9.1	9.1	5.2	0.0
-57.5°	19.9	15.1	10.4	9.1	9.1	4.9	0.0
-60°	17.9	13.5	9.1	9.1	9.1	4.5	0.0
-62.5°	15.8	11.7	9.1	9.1	8.4	4.2	0.0
-65°	13.7	10.0	9.1	9.1	7.7	3.8	0.0
-67.5°	11.6	9.1	9.1	9.1	7.0	3.5	0.0
-70°	9.4	9.1	9.1	9.1	6.2	3.1	0.0
-72.5°	9.1	9.1	9.1	8.2	5.5	2.7	0.0
-75°	9.1	9.1	9.1	7.0	4.7	2.4	0.0
-77.5°	9.1	9.1	7.8	5.9	3.9	2.0	0.0
-80°	9.1	7.8	6.3	4.7	3.2	1.6	0.0
-82.5°	7.0	5.9	4.7	3.6	2.4	1.2	0.0
-85°	4.7	3.9	3.2	2.4	1.6	0.8	0.0
-87.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)