

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: P1306474 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS16-1200L-57-70-1R-A**

Issue Date: 2/3/2026

**Test Information**

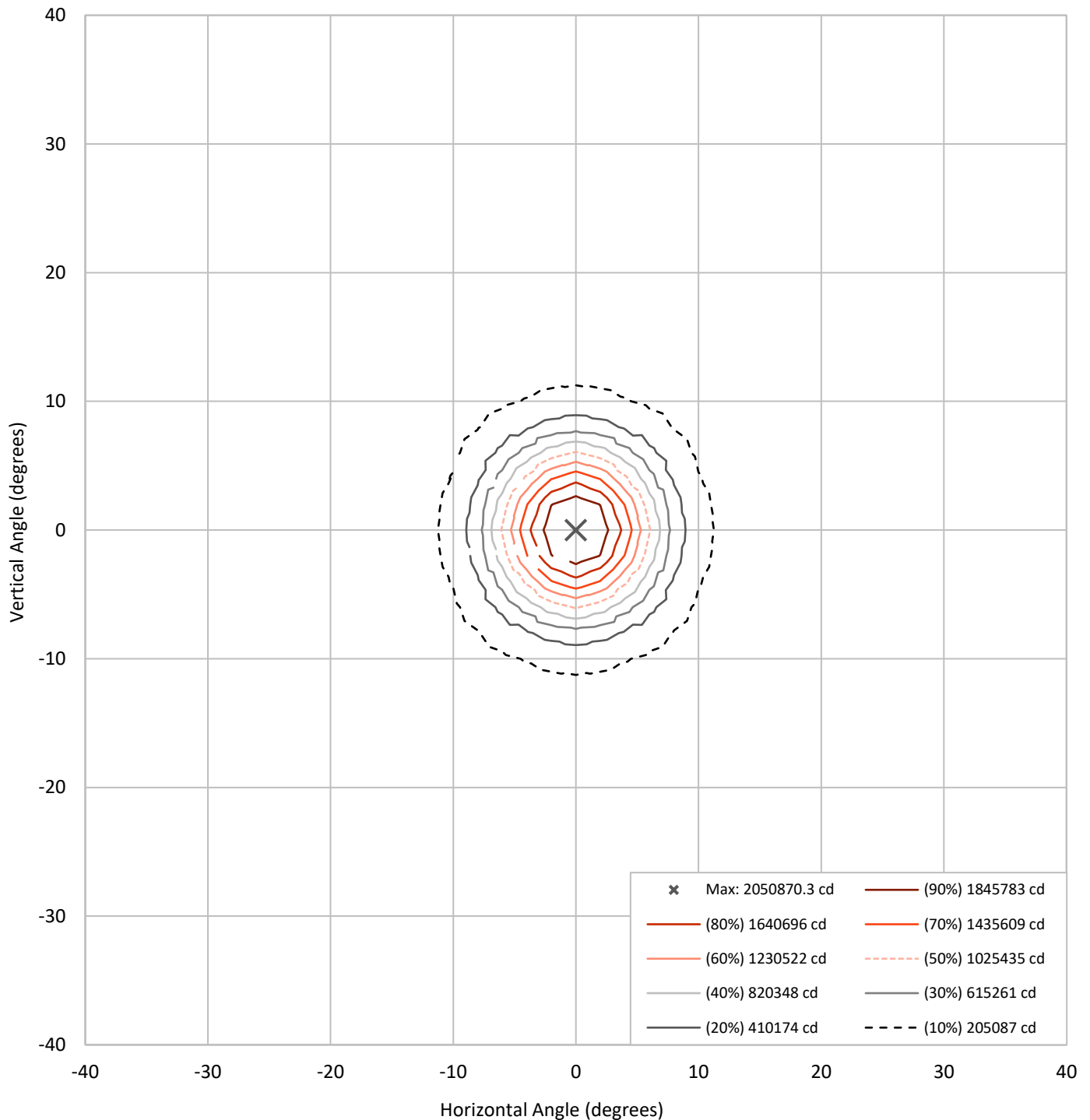
Test Method: LM-79-08  
Report Number: P1306474 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-47)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-LS16-1200L-57-70-1R-A  
Description: EPHEBUS LUMASPORT 16 LUMINAIRE  
(16) 5700K, 70 CRI LEDS AND 1R BEAM SHAPE  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	165127.5 lumens	Max Intensity:	2050870.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	128.0 lumens/watt		
Luminous Opening:	Circular (Dia: 1.67' x H: 0')		
Beam Angle (50%):	12.1°H x 12.1°V	Field Angle (10%):	22.5°H x 22.5°V
Beam Lumens:	47190.3 lumens	Field Lumens:	88942.2 lumens
Beam Efficiency:	28.6%	Field Efficiency:	53.9%
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





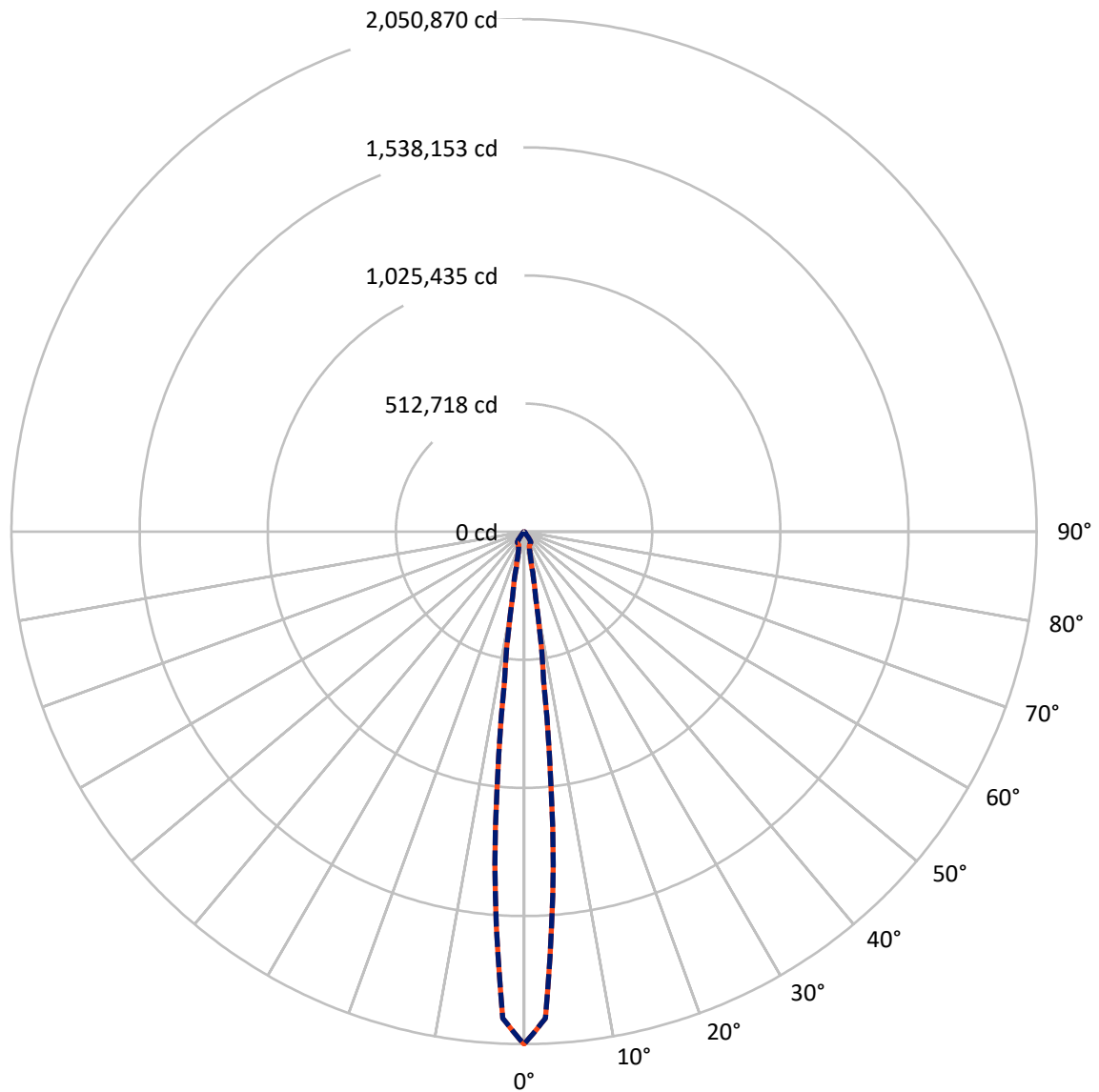
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### Lumen Table

90	0.2	1.2		2.7		4.2		4.8		4.2		2.7		1.2		0.2
80	0.2	1.2		2.7		4.2		4.8		4.2		2.7		1.2		0.2
70	0.5	0.5	1.0	1.6	2.3	3.8	5.5	6.5	6.5	5.5	3.8	2.3	1.6	1.0	0.5	0.5
60		0.7	1.5	3.6	8.0	11.3	13.9	15.5	15.5	13.9	11.3	8.0	3.6	1.5	0.7	
50	0.8	1.0	3.0	8.2	13.1	21.0	38.1	62.8	62.8	38.1	21.0	13.1	8.2	3.0	1.0	0.8
40		1.2	5.6	11.4	25.8	179.1	658.7	1012.2	1012.2	658.7	179.1	25.8	11.4	5.6	1.2	
30	1.0	1.8	7.2	16.5	163.9	995.7	1526.0	1676.2	1676.2	1526.0	995.7	163.9	16.5	7.2	1.8	1.0
20		2.5	8.3	28.4	568.0	1432.8	1839.7	3004.4	3004.4	1839.7	1432.8	568.0	28.4	8.3	2.5	
10	1.1	2.9	9.0	46.0	843.8	1526.3	2923.9	22528.2	22528.2	2923.9	1526.3	843.8	46.0	9.0	2.9	1.1
0		2.9	9.0	46.0	843.8	1526.3	2923.9	22528.2	22528.2	2923.9	1526.3	843.8	46.0	9.0	2.9	
-10	1.0	2.5	8.3	28.4	568.0	1432.8	1839.7	3004.4	3004.4	1839.7	1432.8	568.0	28.4	8.3	2.5	1.0
-20		1.8	7.2	16.5	163.9	995.7	1526.0	1676.2	1676.2	1526.0	995.7	163.9	16.5	7.2	1.8	
-30	0.8	1.2	5.6	11.4	25.8	179.1	658.7	1012.2	1012.2	658.7	179.1	25.8	11.4	5.6	1.2	0.8
-40		1.0	3.0	8.2	13.1	21.0	38.1	62.8	62.8	38.1	21.0	13.1	8.2	3.0	1.0	
-50	0.5	0.7	1.5	3.6	8.0	11.3	13.9	15.5	15.5	13.9	11.3	8.0	3.6	1.5	0.7	0.5
-60		0.5	1.0	1.6	2.3	3.8	5.5	6.5	6.5	5.5	3.8	2.3	1.6	1.0	0.5	
-70	0.2	1.2		2.7		4.2		4.8		4.2		2.7		1.2		0.2
-80		1.2		2.7		4.2		4.8		4.2		2.7		1.2		
-90	0.2	1.2		2.7		4.2		4.8		4.2		2.7		1.2		0.2

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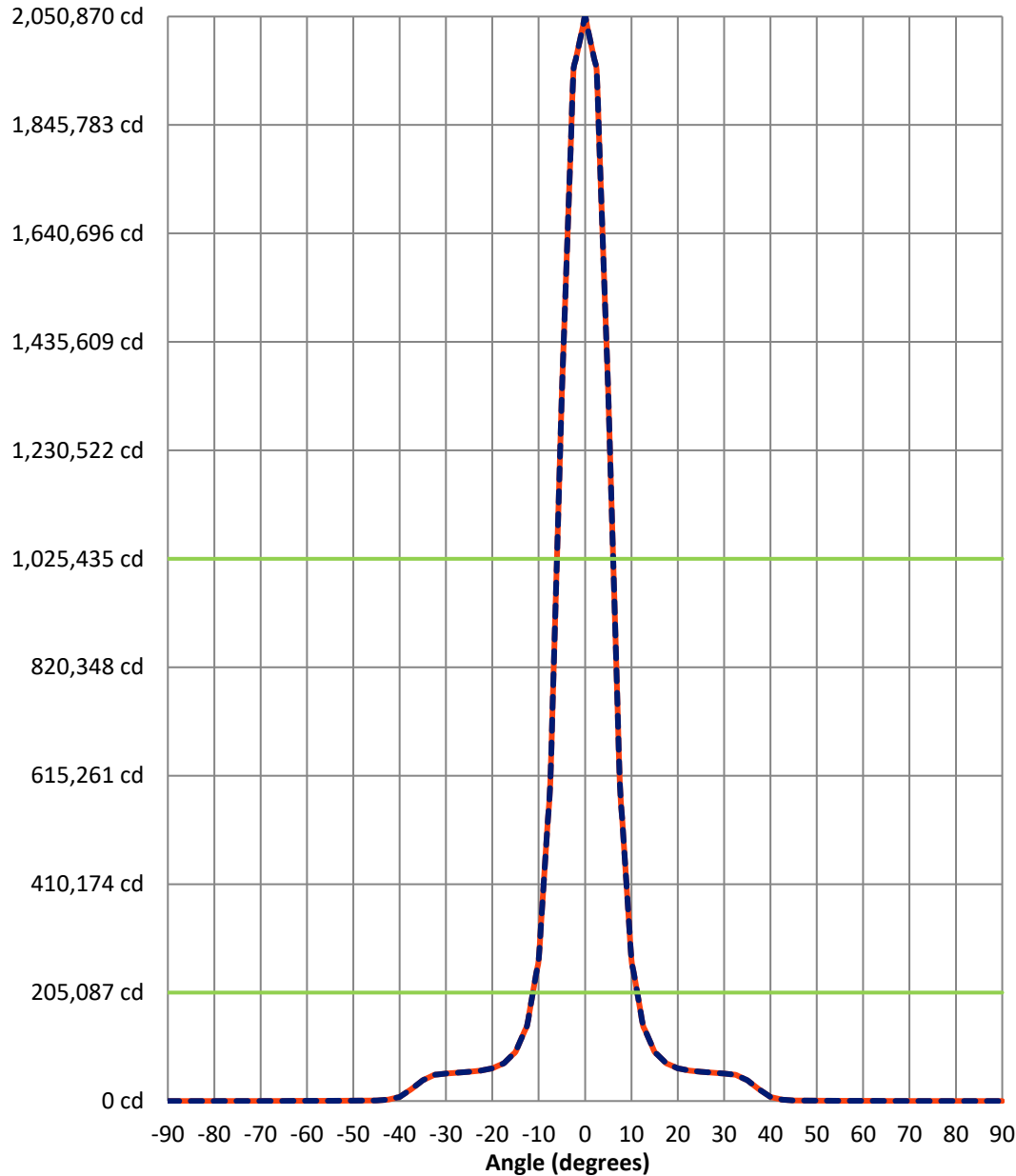
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 12.1°  
 V Angle: 12.1°  
 Lumens: 47190.3  
 Efficiency: 28.6%

**Field:**  
 H Angle: 22.5°  
 V Angle: 22.5°  
 Lumens: 88942.2  
 Efficiency: 53.9%

**Spill:**  
 Lumens: 76185.2  
 Efficiency: 46.1%

— 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	0.4	0.8	1.3	1.7	2.1	2.5	2.9	3.3	3.7	4.1
85°	0.0	0.8	1.7	2.5	3.3	4.2	5.0	5.8	6.6	7.3	8.1
82.5°	0.0	1.3	2.5	3.7	5.0	6.2	7.4	8.6	9.8	11.0	12.1
80°	0.0	1.7	3.3	5.0	6.6	8.3	9.9	11.5	13.0	14.6	16.1
77.5°	0.0	2.1	4.2	6.2	8.3	10.3	12.3	14.3	16.2	18.2	20.1
75°	0.0	2.5	5.0	7.4	9.9	12.3	14.7	17.1	19.4	21.7	24.0
72.5°	0.0	2.9	5.8	8.6	11.5	14.3	17.1	19.8	22.6	25.3	27.9
70°	0.0	3.3	6.6	9.8	13.0	16.2	19.4	22.6	25.7	28.8	31.8
67.5°	0.0	3.7	7.3	11.0	14.6	18.2	21.7	25.3	28.8	32.2	35.6
65°	0.0	4.1	8.1	12.1	16.1	20.1	24.0	27.9	31.8	35.6	39.4
62.5°	0.0	4.4	8.9	13.2	17.6	21.9	26.3	30.5	34.8	39.0	43.1
60°	0.0	4.8	9.6	14.3	19.0	23.8	28.5	33.1	37.7	42.2	46.7
57.5°	0.0	5.2	10.3	15.4	20.5	25.5	30.6	35.6	40.5	45.4	50.2
55°	0.0	5.5	11.0	16.4	21.9	27.3	32.7	38.0	43.3	48.5	53.7
52.5°	0.0	5.8	11.7	17.4	23.2	29.0	34.7	40.4	46.0	51.5	57.0
50°	0.0	6.2	12.3	18.4	24.5	30.6	36.7	42.7	48.6	54.5	63.2
47.5°	0.0	6.5	12.9	19.3	25.8	32.2	38.6	44.8	51.1	57.3	69.5
45°	0.0	6.8	13.5	20.2	27.0	33.7	40.4	47.0	53.5	62.7	75.6
42.5°	0.0	7.1	14.1	21.1	28.1	35.2	42.1	49.0	55.9	68.0	79.0
40°	0.0	7.4	14.6	21.9	29.3	36.5	43.8	50.9	58.8	73.0	81.8
37.5°	0.0	7.6	15.2	22.7	30.3	37.9	45.3	52.8	63.1	77.2	84.5
35°	0.0	7.9	15.7	23.5	31.3	39.1	46.8	54.6	67.1	79.5	88.0
32.5°	0.0	8.1	16.1	24.2	32.2	40.3	48.2	56.2	70.9	81.6	92.8
30°	0.0	8.3	16.5	24.8	33.1	41.4	49.5	58.1	74.4	83.6	97.3
27.5°	0.0	8.5	16.9	25.4	33.9	42.4	50.8	61.0	77.1	85.5	101.5
25°	0.0	8.7	17.3	26.0	34.7	43.3	51.9	63.6	78.6	88.3	105.5
22.5°	0.0	8.9	17.7	26.5	35.4	44.1	52.9	66.0	80.0	91.5	112.6
20°	0.0	9.0	18.0	27.0	36.0	44.9	53.9	68.2	81.3	94.3	118.9
17.5°	0.0	9.2	18.2	27.4	36.5	45.6	54.7	70.1	82.4	96.8	124.6
15°	0.0	9.3	18.5	27.7	37.0	46.2	55.4	71.8	83.4	99.0	129.5
12.5°	0.0	9.4	18.6	28.0	37.4	46.7	56.0	73.2	84.2	100.9	133.7
10°	0.0	9.5	18.8	28.3	37.7	47.1	56.5	74.4	84.9	102.4	137.2
7.5°	0.0	9.5	18.9	28.5	38.0	47.4	56.9	75.3	85.4	103.6	139.9
5°	0.0	9.6	19.0	28.6	38.2	47.6	57.2	76.0	85.8	104.5	141.8
2.5°	0.0	9.6	19.1	28.7	38.3	47.8	57.3	76.4	86.0	105.0	143.0
0°	0.0	9.6	19.1	28.7	38.3	47.8	57.3	76.4	86.0	105.0	143.0
-2.5°	0.0	9.6	19.1	28.7	38.3	47.8	57.3	76.4	86.0	105.0	143.0
-5°	0.0	9.6	19.0	28.6	38.2	47.6	57.2	76.0	85.8	104.5	141.8
-7.5°	0.0	9.5	18.9	28.5	38.0	47.4	56.9	75.3	85.4	103.6	139.9
-10°	0.0	9.5	18.8	28.3	37.7	47.1	56.5	74.4	84.9	102.4	137.2
-12.5°	0.0	9.4	18.6	28.0	37.4	46.7	56.0	73.2	84.2	100.9	133.7
-15°	0.0	9.3	18.5	27.7	37.0	46.2	55.4	71.8	83.4	99.0	129.5
-17.5°	0.0	9.2	18.2	27.4	36.5	45.6	54.7	70.1	82.4	96.8	124.6
-20°	0.0	9.0	18.0	27.0	36.0	44.9	53.9	68.2	81.3	94.3	118.9



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 CATALOG NUMBER: EPH-LS16-1200L-57-70-1R-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.9	17.7	26.5	35.4	44.1	52.9	66.0	80.0	91.5	112.6
-25°	0.0	8.7	17.3	26.0	34.7	43.3	51.9	63.6	78.6	88.3	105.5
-27.5°	0.0	8.5	16.9	25.4	33.9	42.4	50.8	61.0	77.1	85.5	101.5
-30°	0.0	8.3	16.5	24.8	33.1	41.4	49.5	58.1	74.4	83.6	97.3
-32.5°	0.0	8.1	16.1	24.2	32.2	40.3	48.2	56.2	70.9	81.6	92.8
-35°	0.0	7.9	15.7	23.5	31.3	39.1	46.8	54.6	67.1	79.5	88.0
-37.5°	0.0	7.6	15.2	22.7	30.3	37.9	45.3	52.8	63.1	77.2	84.5
-40°	0.0	7.4	14.6	21.9	29.3	36.5	43.8	50.9	58.8	73.0	81.8
-42.5°	0.0	7.1	14.1	21.1	28.1	35.2	42.1	49.0	55.9	68.0	79.0
-45°	0.0	6.8	13.5	20.2	27.0	33.7	40.4	47.0	53.5	62.7	75.6
-47.5°	0.0	6.5	12.9	19.3	25.8	32.2	38.6	44.8	51.1	57.3	69.5
-50°	0.0	6.2	12.3	18.4	24.5	30.6	36.7	42.7	48.6	54.5	63.2
-52.5°	0.0	5.8	11.7	17.4	23.2	29.0	34.7	40.4	46.0	51.5	57.0
-55°	0.0	5.5	11.0	16.4	21.9	27.3	32.7	38.0	43.3	48.5	53.7
-57.5°	0.0	5.2	10.3	15.4	20.5	25.5	30.6	35.6	40.5	45.4	50.2
-60°	0.0	4.8	9.6	14.3	19.0	23.8	28.5	33.1	37.7	42.2	46.7
-62.5°	0.0	4.4	8.9	13.2	17.6	21.9	26.3	30.5	34.8	39.0	43.1
-65°	0.0	4.1	8.1	12.1	16.1	20.1	24.0	27.9	31.8	35.6	39.4
-67.5°	0.0	3.7	7.3	11.0	14.6	18.2	21.7	25.3	28.8	32.2	35.6
-70°	0.0	3.3	6.6	9.8	13.0	16.2	19.4	22.6	25.7	28.8	31.8
-72.5°	0.0	2.9	5.8	8.6	11.5	14.3	17.1	19.8	22.6	25.3	27.9
-75°	0.0	2.5	5.0	7.4	9.9	12.3	14.7	17.1	19.4	21.7	24.0
-77.5°	0.0	2.1	4.2	6.2	8.3	10.3	12.3	14.3	16.2	18.2	20.1
-80°	0.0	1.7	3.3	5.0	6.6	8.3	9.9	11.5	13.0	14.6	16.1
-82.5°	0.0	1.3	2.5	3.7	5.0	6.2	7.4	8.6	9.8	11.0	12.1
-85°	0.0	0.8	1.7	2.5	3.3	4.2	5.0	5.8	6.6	7.3	8.1
-87.5°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	2.9	3.3	3.7	4.1
-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°	4.4	4.8	5.2	5.5	5.8	6.2	6.5	6.8	7.1	7.4	7.6
85°	8.9	9.6	10.3	11.0	11.7	12.3	12.9	13.5	14.1	14.6	15.2
82.5°	13.2	14.3	15.4	16.4	17.4	18.4	19.3	20.2	21.1	21.9	22.7
80°	17.6	19.0	20.5	21.9	23.2	24.5	25.8	27.0	28.1	29.3	30.3
77.5°	21.9	23.8	25.5	27.3	29.0	30.6	32.2	33.7	35.2	36.5	37.9
75°	26.3	28.5	30.6	32.7	34.7	36.7	38.6	40.4	42.1	43.8	45.3
72.5°	30.5	33.1	35.6	38.0	40.4	42.7	44.8	47.0	49.0	50.9	52.8
70°	34.8	37.7	40.5	43.3	46.0	48.6	51.1	53.5	55.9	58.8	63.1
67.5°	39.0	42.2	45.4	48.5	51.5	54.5	57.3	62.7	68.0	73.0	77.2
65°	43.1	46.7	50.2	53.7	57.0	63.2	69.5	75.6	79.0	81.8	84.5
62.5°	47.1	51.1	55.0	60.1	67.5	74.7	79.1	82.5	85.7	91.6	97.5
60°	51.1	55.4	61.9	70.1	77.3	81.3	85.1	91.5	98.6	105.5	118.5
57.5°	55.0	61.9	71.0	78.2	82.6	87.7	95.9	103.9	118.0	132.8	165.5
55°	60.1	70.1	78.2	83.1	89.4	98.6	109.8	127.0	145.0	245.2	341.2
52.5°	67.5	77.3	82.6	89.4	99.5	113.4	132.5	190.9	303.0	383.6	387.8
50°	74.7	81.3	87.7	98.6	113.4	134.3	214.0	337.9	385.5	390.2	394.6
47.5°	79.1	85.1	95.9	109.8	132.5	214.0	349.6	386.5	391.6	396.5	401.3
45°	82.5	91.5	103.9	127.0	190.9	337.9	386.5	392.1	397.5	411.9	457.5
42.5°	85.7	98.6	118.0	145.0	303.0	385.5	391.6	397.5	416.3	466.6	524.3
40°	91.6	105.5	132.8	245.2	383.6	390.2	396.5	411.9	466.6	530.5	599.1
37.5°	97.5	118.5	165.5	341.2	387.8	394.6	401.3	457.5	524.3	599.1	700.4
35°	103.1	130.8	249.8	384.5	391.8	398.8	439.5	505.9	586.6	691.3	793.5
32.5°	111.6	142.5	329.5	388.0	395.5	412.9	478.6	561.6	664.2	778.2	872.0
30°	121.6	206.4	383.4	391.3	399.0	447.3	524.8	619.5	744.2	848.6	957.3
27.5°	130.8	270.4	386.2	394.3	407.9	479.5	571.1	689.9	810.1	918.7	1043.7
25°	139.4	329.5	388.8	397.1	435.5	516.7	619.1	755.6	868.3	994.5	1683.6
22.5°	167.5	382.5	391.2	399.7	461.0	553.4	675.4	807.3	927.1	1093.9	2425.6
20°	211.8	384.5	393.3	405.5	484.0	586.8	726.6	852.9	986.9	1727.0	4099.4
17.5°	251.3	386.3	395.2	424.4	510.3	622.6	771.2	893.9	1040.7	2298.1	6079.2
15°	285.7	387.8	396.9	441.0	534.4	659.8	804.4	936.6	1323.8	3122.9	7928.0
12.5°	315.1	389.1	398.3	455.1	555.0	691.5	832.9	974.2	1724.6	4519.3	12247.0
10°	339.3	390.2	399.5	466.8	572.0	717.8	856.4	1005.3	2057.0	5679.7	15843.7
7.5°	358.1	391.0	400.4	475.9	585.3	738.3	874.9	1029.8	2318.5	6593.7	18682.2
5°	371.7	391.6	401.1	482.4	594.8	753.1	888.2	1047.3	2506.8	7252.9	20732.5
2.5°	379.8	392.0	401.5	486.4	600.6	762.0	896.2	1058.0	2620.5	7651.0	21972.0
0°	<b>382.5</b>	<b>392.1</b>	<b>401.6</b>	<b>487.7</b>	<b>602.5</b>	<b>765.0</b>	<b>898.9</b>	<b>1061.5</b>	<b>2658.5</b>	<b>7784.2</b>	<b>22386.8</b>
-2.5°	379.8	392.0	401.5	486.4	600.6	762.0	896.2	1058.0	2620.5	7651.0	21972.0
-5°	371.7	391.6	401.1	482.4	594.8	753.1	888.2	1047.3	2506.8	7252.9	20732.5
-7.5°	358.1	391.0	400.4	475.9	585.3	738.3	874.9	1029.8	2318.5	6593.7	18682.2
-10°	339.3	390.2	399.5	466.8	572.0	717.8	856.4	1005.3	2057.0	5679.7	15843.7
-12.5°	315.1	389.1	398.3	455.1	555.0	691.5	832.9	974.2	1724.6	4519.3	12247.0
-15°	285.7	387.8	396.9	441.0	534.4	659.8	804.4	936.6	1323.8	3122.9	7928.0
-17.5°	251.3	386.3	395.2	424.4	510.3	622.6	771.2	893.9	1040.7	2298.1	6079.2
-20°	211.8	384.5	393.3	405.5	484.0	586.8	726.6	852.9	986.9	1727.0	4099.4



REPORT NUMBER: P1306474 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200L-57-70-1R-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	167.5	382.5	391.2	399.7	461.0	553.4	675.4	807.3	927.1	1093.9	2425.6
-25°	139.4	329.5	388.8	397.1	435.5	516.7	619.1	755.6	868.3	994.5	1683.6
-27.5°	130.8	270.4	386.2	394.3	407.9	479.5	571.1	689.9	810.1	918.7	1043.7
-30°	121.6	206.4	383.4	391.3	399.0	447.3	524.8	619.5	744.2	848.6	957.3
-32.5°	111.6	142.5	329.5	388.0	395.5	412.9	478.6	561.6	664.2	778.2	872.0
-35°	103.1	130.8	249.8	384.5	391.8	398.8	439.5	505.9	586.6	691.3	793.5
-37.5°	97.5	118.5	165.5	341.2	387.8	394.6	401.3	457.5	524.3	599.1	700.4
-40°	91.6	105.5	132.8	245.2	383.6	390.2	396.5	411.9	466.6	530.5	599.1
-42.5°	85.7	98.6	118.0	145.0	303.0	385.5	391.6	397.5	416.3	466.6	524.3
-45°	82.5	91.5	103.9	127.0	190.9	337.9	386.5	392.1	397.5	411.9	457.5
-47.5°	79.1	85.1	95.9	109.8	132.5	214.0	349.6	386.5	391.6	396.5	401.3
-50°	74.7	81.3	87.7	98.6	113.4	134.3	214.0	337.9	385.5	390.2	394.6
-52.5°	67.5	77.3	82.6	89.4	99.5	113.4	132.5	190.9	303.0	383.6	387.8
-55°	60.1	70.1	78.2	83.1	89.4	98.6	109.8	127.0	145.0	245.2	341.2
-57.5°	55.0	61.9	71.0	78.2	82.6	87.7	95.9	103.9	118.0	132.8	165.5
-60°	51.1	55.4	61.9	70.1	77.3	81.3	85.1	91.5	98.6	105.5	118.5
-62.5°	47.1	51.1	55.0	60.1	67.5	74.7	79.1	82.5	85.7	91.6	97.5
-65°	43.1	46.7	50.2	53.7	57.0	63.2	69.5	75.6	79.0	81.8	84.5
-67.5°	39.0	42.2	45.4	48.5	51.5	54.5	57.3	62.7	68.0	73.0	77.2
-70°	34.8	37.7	40.5	43.3	46.0	48.6	51.1	53.5	55.9	58.8	63.1
-72.5°	30.5	33.1	35.6	38.0	40.4	42.7	44.8	47.0	49.0	50.9	52.8
-75°	26.3	28.5	30.6	32.7	34.7	36.7	38.6	40.4	42.1	43.8	45.3
-77.5°	21.9	23.8	25.5	27.3	29.0	30.6	32.2	33.7	35.2	36.5	37.9
-80°	17.6	19.0	20.5	21.9	23.2	24.5	25.8	27.0	28.1	29.3	30.3
-82.5°	13.2	14.3	15.4	16.4	17.4	18.4	19.3	20.2	21.1	21.9	22.7
-85°	8.9	9.6	10.3	11.0	11.7	12.3	12.9	13.5	14.1	14.6	15.2
-87.5°	4.4	4.8	5.2	5.5	5.8	6.2	6.5	6.8	7.1	7.4	7.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1306474 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200L-57-70-1R-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°	7.9	8.1	8.3	8.5	8.7	8.9	9.0	9.2	9.3	9.4	9.5
85°	15.7	16.1	16.5	16.9	17.3	17.7	18.0	18.2	18.5	18.6	18.8
82.5°	23.5	24.2	24.8	25.4	26.0	26.5	27.0	27.4	27.7	28.0	28.3
80°	31.3	32.2	33.1	33.9	34.7	35.4	36.0	36.5	37.0	37.4	37.7
77.5°	39.1	40.3	41.4	42.4	43.3	44.1	44.9	45.6	46.2	46.7	47.1
75°	46.8	48.2	49.5	50.8	51.9	52.9	53.9	54.7	55.4	56.0	56.5
72.5°	54.6	56.2	58.1	61.0	63.6	66.0	68.2	70.1	71.8	73.2	74.4
70°	67.1	70.9	74.4	77.1	78.6	80.0	81.3	82.4	83.4	84.2	84.9
67.5°	79.5	81.6	83.6	85.5	88.3	91.5	94.3	96.8	99.0	100.9	102.4
65°	88.0	92.8	97.3	101.5	105.5	112.6	118.9	124.6	129.5	133.7	137.2
62.5°	103.1	111.6	121.6	130.8	139.4	167.5	211.8	251.3	285.7	315.1	339.3
60°	130.8	142.5	206.4	270.4	329.5	382.5	384.5	386.3	387.8	389.1	390.2
57.5°	249.8	329.5	383.4	386.2	388.8	391.2	393.3	395.2	396.9	398.3	399.5
55°	384.5	388.0	391.3	394.3	397.1	399.7	405.5	424.4	441.0	455.1	466.8
52.5°	391.8	395.5	399.0	407.9	435.5	461.0	484.0	510.3	534.4	555.0	572.0
50°	398.8	412.9	447.3	479.5	516.7	553.4	586.8	622.6	659.8	691.5	717.8
47.5°	439.5	478.6	524.8	571.1	619.1	675.4	726.6	771.2	804.4	832.9	856.4
45°	505.9	561.6	619.5	689.9	755.6	807.3	852.9	893.9	936.6	974.2	1005.3
42.5°	586.6	664.2	744.2	810.1	868.3	927.1	986.9	1040.7	1323.8	1724.6	2057.0
40°	691.3	778.2	848.6	918.7	994.5	1093.9	1727.0	2298.1	3122.9	4519.3	5679.7
37.5°	793.5	872.0	957.3	1043.7	1683.6	2425.6	4099.4	6079.2	7928.0	12247.0	15843.7
35°	879.9	976.9	1180.7	2084.8	3553.6	6108.5	9720.8	15810.8	21227.7	26481.6	31022.3
32.5°	976.9	1279.7	2287.9	4556.7	7479.1	14715.6	21933.9	29483.5	36287.5	41070.5	44084.6
30°	1180.7	2287.9	4894.1	8895.1	17772.9	26719.6	35715.6	42131.9	46621.7	49828.6	50596.5
27.5°	2084.8	4556.7	8895.1	18802.6	29188.6	39452.7	45335.3	49876.1	51011.9	52008.2	52589.7
25°	3553.6	7479.1	17772.9	29188.6	40238.2	46968.0	50468.5	51830.0	52737.5	53488.3	54134.3
22.5°	6108.5	14715.6	26719.6	39452.7	46968.0	50668.8	52175.3	53189.0	54122.3	54959.3	55785.0
20°	9720.8	21933.9	35715.6	45335.3	50468.5	52175.3	53342.1	54450.0	55517.1	56744.8	57996.4
17.5°	15810.8	29483.5	42131.9	49876.1	51830.0	53189.0	54450.0	55751.8	57242.4	59509.8	61776.2
15°	21227.7	36287.5	46621.7	51011.9	52737.5	54122.3	55517.1	57242.4	60028.9	64104.1	69792.3
12.5°	26481.6	41070.5	49828.6	52008.2	53488.3	54959.3	56744.8	59509.8	64104.1	71173.8	84748.0
10°	31022.3	44084.6	50596.5	52589.7	54134.3	55785.0	57996.4	61776.2	69792.3	84748.0	106207.6
7.5°	34614.0	46475.2	51207.7	53053.4	54655.8	56558.8	59657.3	65808.0	78142.6	99660.6	143766.9
5°	37213.0	48209.0	51652.1	53391.8	55038.0	57129.4	60891.3	68960.4	86153.5	119183.1	193957.3
2.5°	38786.3	49260.2	51922.0	53597.8	55271.5	57479.4	61652.7	70921.6	91197.3	135953.2	247557.5
0°	39313.1	49612.4	52012.6	53667.0	55350.1	57597.4	61910.3	71587.9	92922.8	143094.6	267818.7
-2.5°	38786.3	49260.2	51922.0	53597.8	55271.5	57479.4	61652.7	70921.6	91197.3	135953.2	247557.5
-5°	37213.0	48209.0	51652.1	53391.8	55038.0	57129.4	60891.3	68960.4	86153.5	119183.1	193957.3
-7.5°	34614.0	46475.2	51207.7	53053.4	54655.8	56558.8	59657.3	65808.0	78142.6	99660.6	143766.9
-10°	31022.3	44084.6	50596.5	52589.7	54134.3	55785.0	57996.4	61776.2	69792.3	84748.0	106207.6
-12.5°	26481.6	41070.5	49828.6	52008.2	53488.3	54959.3	56744.8	59509.8	64104.1	71173.8	84748.0
-15°	21227.7	36287.5	46621.7	51011.9	52737.5	54122.3	55517.1	57242.4	60028.9	64104.1	69792.3
-17.5°	15810.8	29483.5	42131.9	49876.1	51830.0	53189.0	54450.0	55751.8	57242.4	59509.8	61776.2
-20°	9720.8	21933.9	35715.6	45335.3	50468.5	52175.3	53342.1	54450.0	55517.1	56744.8	57996.4



REPORT NUMBER: P1306474 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200L-57-70-1R-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6108.5	14715.6	26719.6	39452.7	46968.0	50668.8	52175.3	53189.0	54122.3	54959.3	55785.0
-25°	3553.6	7479.1	17772.9	29188.6	40238.2	46968.0	50468.5	51830.0	52737.5	53488.3	54134.3
-27.5°	2084.8	4556.7	8895.1	18802.6	29188.6	39452.7	45335.3	49876.1	51011.9	52008.2	52589.7
-30°	1180.7	2287.9	4894.1	8895.1	17772.9	26719.6	35715.6	42131.9	46621.7	49828.6	50596.5
-32.5°	976.9	1279.7	2287.9	4556.7	7479.1	14715.6	21933.9	29483.5	36287.5	41070.5	44084.6
-35°	879.9	976.9	1180.7	2084.8	3553.6	6108.5	9720.8	15810.8	21227.7	26481.6	31022.3
-37.5°	793.5	872.0	957.3	1043.7	1683.6	2425.6	4099.4	6079.2	7928.0	12247.0	15843.7
-40°	691.3	778.2	848.6	918.7	994.5	1093.9	1727.0	2298.1	3122.9	4519.3	5679.7
-42.5°	586.6	664.2	744.2	810.1	868.3	927.1	986.9	1040.7	1323.8	1724.6	2057.0
-45°	505.9	561.6	619.5	689.9	755.6	807.3	852.9	893.9	936.6	974.2	1005.3
-47.5°	439.5	478.6	524.8	571.1	619.1	675.4	726.6	771.2	804.4	832.9	856.4
-50°	398.8	412.9	447.3	479.5	516.7	553.4	586.8	622.6	659.8	691.5	717.8
-52.5°	391.8	395.5	399.0	407.9	435.5	461.0	484.0	510.3	534.4	555.0	572.0
-55°	384.5	388.0	391.3	394.3	397.1	399.7	405.5	424.4	441.0	455.1	466.8
-57.5°	249.8	329.5	383.4	386.2	388.8	391.2	393.3	395.2	396.9	398.3	399.5
-60°	130.8	142.5	206.4	270.4	329.5	382.5	384.5	386.3	387.8	389.1	390.2
-62.5°	103.1	111.6	121.6	130.8	139.4	167.5	211.8	251.3	285.7	315.1	339.3
-65°	88.0	92.8	97.3	101.5	105.5	112.6	118.9	124.6	129.5	133.7	137.2
-67.5°	79.5	81.6	83.6	85.5	88.3	91.5	94.3	96.8	99.0	100.9	102.4
-70°	67.1	70.9	74.4	77.1	78.6	80.0	81.3	82.4	83.4	84.2	84.9
-72.5°	54.6	56.2	58.1	61.0	63.6	66.0	68.2	70.1	71.8	73.2	74.4
-75°	46.8	48.2	49.5	50.8	51.9	52.9	53.9	54.7	55.4	56.0	56.5
-77.5°	39.1	40.3	41.4	42.4	43.3	44.1	44.9	45.6	46.2	46.7	47.1
-80°	31.3	32.2	33.1	33.9	34.7	35.4	36.0	36.5	37.0	37.4	37.7
-82.5°	23.5	24.2	24.8	25.4	26.0	26.5	27.0	27.4	27.7	28.0	28.3
-85°	15.7	16.1	16.5	16.9	17.3	17.7	18.0	18.2	18.5	18.6	18.8
-87.5°	7.9	8.1	8.3	8.5	8.7	8.9	9.0	9.2	9.3	9.4	9.5
-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: P1306474 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200L-57-70-1R-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°	9.5	9.6	9.6	9.6	9.6	9.6	9.5	9.5	9.4	9.3	9.2
85°	18.9	19.0	19.1	19.1	19.1	19.0	18.9	18.8	18.6	18.5	18.2
82.5°	28.5	28.6	28.7	28.7	28.7	28.6	28.5	28.3	28.0	27.7	27.4
80°	38.0	38.2	38.3	38.3	38.3	38.2	38.0	37.7	37.4	37.0	36.5
77.5°	47.4	47.6	47.8	47.8	47.8	47.6	47.4	47.1	46.7	46.2	45.6
75°	56.9	57.2	57.3	57.4	57.3	57.2	56.9	56.5	56.0	55.4	54.7
72.5°	75.3	76.0	76.4	76.5	76.4	76.0	75.3	74.4	73.2	71.8	70.1
70°	85.4	85.8	86.0	86.1	86.0	85.8	85.4	84.9	84.2	83.4	82.4
67.5°	103.6	104.5	105.0	105.2	105.0	104.5	103.6	102.4	100.9	99.0	96.8
65°	139.9	141.8	143.0	143.4	143.0	141.8	139.9	137.2	133.7	129.5	124.6
62.5°	358.1	371.7	379.8	382.5	379.8	371.7	358.1	339.3	315.1	285.7	251.3
60°	391.0	391.6	392.0	392.1	392.0	391.6	391.0	390.2	389.1	387.8	386.3
57.5°	400.4	401.1	401.5	401.6	401.5	401.1	400.4	399.5	398.3	396.9	395.2
55°	475.9	482.4	486.4	487.7	486.4	482.4	475.9	466.8	455.1	441.0	424.4
52.5°	585.3	594.8	600.6	602.5	600.6	594.8	585.3	572.0	555.0	534.4	510.3
50°	738.3	753.1	762.0	765.0	762.0	753.1	738.3	717.8	691.5	659.8	622.6
47.5°	874.9	888.2	896.2	898.9	896.2	888.2	874.9	856.4	832.9	804.4	771.2
45°	1029.8	1047.3	1058.0	1061.5	1058.0	1047.3	1029.8	1005.3	974.2	936.6	893.9
42.5°	2318.5	2506.8	2620.5	2658.5	2620.5	2506.8	2318.5	2057.0	1724.6	1323.8	1040.7
40°	6593.7	7252.9	7651.0	7784.2	7651.0	7252.9	6593.7	5679.7	4519.3	3122.9	2298.1
37.5°	18682.2	20732.5	21972.0	22386.8	21972.0	20732.5	18682.2	15843.7	12247.0	7928.0	6079.2
35°	34614.0	37213.0	38786.3	39313.1	38786.3	37213.0	34614.0	31022.3	26481.6	21227.7	15810.8
32.5°	46475.2	48209.0	49260.2	49612.4	49260.2	48209.0	46475.2	44084.6	41070.5	36287.5	29483.5
30°	51207.7	51652.1	51922.0	52012.6	51922.0	51652.1	51207.7	50596.5	49828.6	46621.7	42131.9
27.5°	53053.4	53391.8	53597.8	53667.0	53597.8	53391.8	53053.4	52589.7	52008.2	51011.9	49876.1
25°	54655.8	55038.0	55271.5	55350.1	55271.5	55038.0	54655.8	54134.3	53488.3	52737.5	51830.0
22.5°	56558.8	57129.4	57479.4	57597.4	57479.4	57129.4	56558.8	55785.0	54959.3	54122.3	53189.0
20°	59657.3	60891.3	61652.7	61910.3	61652.7	60891.3	59657.3	57996.4	56744.8	55517.1	54450.0
17.5°	65808.0	68960.4	70921.6	71587.9	70921.6	68960.4	65808.0	61776.2	59509.8	57242.4	55751.8
15°	78142.6	86153.5	91197.3	92922.8	91197.3	86153.5	78142.6	69792.3	64104.1	60028.9	57242.4
12.5°	99660.6	119183.1	135953.2	143094.6	135953.2	119183.1	99660.6	84748.0	71173.8	64104.1	59509.8
10°	143766.9	193957.3	247557.5	267818.7	247557.5	193957.3	143766.9	106207.6	84748.0	69792.3	61776.2
7.5°	228489.6	366140.3	522787.4	601382.5	522787.4	366140.3	228489.6	143766.9	99660.6	78142.6	65808.0
5°	366140.3	685820.5	#####	#####	#####	685820.5	366140.3	193957.3	119183.1	86153.5	68960.4
2.5°	522787.4	#####	#####	#####	#####	#####	522787.4	247557.5	135953.2	91197.3	70921.6
0°	601382.5	#####	#####	#####	#####	#####	601382.5	267818.7	143094.6	92922.8	71587.9
-2.5°	522787.4	#####	#####	#####	#####	#####	522787.4	247557.5	135953.2	91197.3	70921.6
-5°	366140.3	685820.5	#####	#####	#####	685820.5	366140.3	193957.3	119183.1	86153.5	68960.4
-7.5°	228489.6	366140.3	522787.4	601382.5	522787.4	366140.3	228489.6	143766.9	99660.6	78142.6	65808.0
-10°	143766.9	193957.3	247557.5	267818.7	247557.5	193957.3	143766.9	106207.6	84748.0	69792.3	61776.2
-12.5°	99660.6	119183.1	135953.2	143094.6	135953.2	119183.1	99660.6	84748.0	71173.8	64104.1	59509.8
-15°	78142.6	86153.5	91197.3	92922.8	91197.3	86153.5	78142.6	69792.3	64104.1	60028.9	57242.4
-17.5°	65808.0	68960.4	70921.6	71587.9	70921.6	68960.4	65808.0	61776.2	59509.8	57242.4	55751.8
-20°	59657.3	60891.3	61652.7	61910.3	61652.7	60891.3	59657.3	57996.4	56744.8	55517.1	54450.0



REPORT NUMBER: P1306474 (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°	56558.8	57129.4	57479.4	57597.4	57479.4	57129.4	56558.8	55785.0	54959.3	54122.3	53189.0
-25°	54655.8	55038.0	55271.5	55350.1	55271.5	55038.0	54655.8	54134.3	53488.3	52737.5	51830.0
-27.5°	53053.4	53391.8	53597.8	53667.0	53597.8	53391.8	53053.4	52589.7	52008.2	51011.9	49876.1
-30°	51207.7	51652.1	51922.0	52012.6	51922.0	51652.1	51207.7	50596.5	49828.6	46621.7	42131.9
-32.5°	46475.2	48209.0	49260.2	49612.4	49260.2	48209.0	46475.2	44084.6	41070.5	36287.5	29483.5
-35°	34614.0	37213.0	38786.3	39313.1	38786.3	37213.0	34614.0	31022.3	26481.6	21227.7	15810.8
-37.5°	18682.2	20732.5	21972.0	22386.8	21972.0	20732.5	18682.2	15843.7	12247.0	7928.0	6079.2
-40°	6593.7	7252.9	7651.0	7784.2	7651.0	7252.9	6593.7	5679.7	4519.3	3122.9	2298.1
-42.5°	2318.5	2506.8	2620.5	2658.5	2620.5	2506.8	2318.5	2057.0	1724.6	1323.8	1040.7
-45°	1029.8	1047.3	1058.0	1061.5	1058.0	1047.3	1029.8	1005.3	974.2	936.6	893.9
-47.5°	874.9	888.2	896.2	898.9	896.2	888.2	874.9	856.4	832.9	804.4	771.2
-50°	738.3	753.1	762.0	765.0	762.0	753.1	738.3	717.8	691.5	659.8	622.6
-52.5°	585.3	594.8	600.6	602.5	600.6	594.8	585.3	572.0	555.0	534.4	510.3
-55°	475.9	482.4	486.4	487.7	486.4	482.4	475.9	466.8	455.1	441.0	424.4
-57.5°	400.4	401.1	401.5	401.6	401.5	401.1	400.4	399.5	398.3	396.9	395.2
-60°	391.0	391.6	392.0	392.1	392.0	391.6	391.0	390.2	389.1	387.8	386.3
-62.5°	358.1	371.7	379.8	382.5	379.8	371.7	358.1	339.3	315.1	285.7	251.3
-65°	139.9	141.8	143.0	143.4	143.0	141.8	139.9	137.2	133.7	129.5	124.6
-67.5°	103.6	104.5	105.0	105.2	105.0	104.5	103.6	102.4	100.9	99.0	96.8
-70°	85.4	85.8	86.0	86.1	86.0	85.8	85.4	84.9	84.2	83.4	82.4
-72.5°	75.3	76.0	76.4	76.5	76.4	76.0	75.3	74.4	73.2	71.8	70.1
-75°	56.9	57.2	57.3	57.4	57.3	57.2	56.9	56.5	56.0	55.4	54.7
-77.5°	47.4	47.6	47.8	47.8	47.8	47.6	47.4	47.1	46.7	46.2	45.6
-80°	38.0	38.2	38.3	38.3	38.3	38.2	38.0	37.7	37.4	37.0	36.5
-82.5°	28.5	28.6	28.7	28.7	28.7	28.6	28.5	28.3	28.0	27.7	27.4
-85°	18.9	19.0	19.1	19.1	19.1	19.0	18.9	18.8	18.6	18.5	18.2
-87.5°	9.5	9.6	9.6	9.6	9.6	9.6	9.5	9.5	9.4	9.3	9.2
-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: P1306474 (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°	9.0	8.9	8.7	8.5	8.3	8.1	7.9	7.6	7.4	7.1	6.8
85°	18.0	17.7	17.3	16.9	16.5	16.1	15.7	15.2	14.6	14.1	13.5
82.5°	27.0	26.5	26.0	25.4	24.8	24.2	23.5	22.7	21.9	21.1	20.2
80°	36.0	35.4	34.7	33.9	33.1	32.2	31.3	30.3	29.3	28.1	27.0
77.5°	44.9	44.1	43.3	42.4	41.4	40.3	39.1	37.9	36.5	35.2	33.7
75°	53.9	52.9	51.9	50.8	49.5	48.2	46.8	45.3	43.8	42.1	40.4
72.5°	68.2	66.0	63.6	61.0	58.1	56.2	54.6	52.8	50.9	49.0	47.0
70°	81.3	80.0	78.6	77.1	74.4	70.9	67.1	63.1	58.8	55.9	53.5
67.5°	94.3	91.5	88.3	85.5	83.6	81.6	79.5	77.2	73.0	68.0	62.7
65°	118.9	112.6	105.5	101.5	97.3	92.8	88.0	84.5	81.8	79.0	75.6
62.5°	211.8	167.5	139.4	130.8	121.6	111.6	103.1	97.5	91.6	85.7	82.5
60°	384.5	382.5	329.5	270.4	206.4	142.5	130.8	118.5	105.5	98.6	91.5
57.5°	393.3	391.2	388.8	386.2	383.4	329.5	249.8	165.5	132.8	118.0	103.9
55°	405.5	399.7	397.1	394.3	391.3	388.0	384.5	341.2	245.2	145.0	127.0
52.5°	484.0	461.0	435.5	407.9	399.0	395.5	391.8	387.8	383.6	303.0	190.9
50°	586.8	553.4	516.7	479.5	447.3	412.9	398.8	394.6	390.2	385.5	337.9
47.5°	726.6	675.4	619.1	571.1	524.8	478.6	439.5	401.3	396.5	391.6	386.5
45°	852.9	807.3	755.6	689.9	619.5	561.6	505.9	457.5	411.9	397.5	392.1
42.5°	986.9	927.1	868.3	810.1	744.2	664.2	586.6	524.3	466.6	416.3	397.5
40°	1727.0	1093.9	994.5	918.7	848.6	778.2	691.3	599.1	530.5	466.6	411.9
37.5°	4099.4	2425.6	1683.6	1043.7	957.3	872.0	793.5	700.4	599.1	524.3	457.5
35°	9720.8	6108.5	3553.6	2084.8	1180.7	976.9	879.9	793.5	691.3	586.6	505.9
32.5°	21933.9	14715.6	7479.1	4556.7	2287.9	1279.7	976.9	872.0	778.2	664.2	561.6
30°	35715.6	26719.6	17772.9	8895.1	4894.1	2287.9	1180.7	957.3	848.6	744.2	619.5
27.5°	45335.3	39452.7	29188.6	18802.6	8895.1	4556.7	2084.8	1043.7	918.7	810.1	689.9
25°	50468.5	46968.0	40238.2	29188.6	17772.9	7479.1	3553.6	1683.6	994.5	868.3	755.6
22.5°	52175.3	50668.8	46968.0	39452.7	26719.6	14715.6	6108.5	2425.6	1093.9	927.1	807.3
20°	53342.1	52175.3	50468.5	45335.3	35715.6	21933.9	9720.8	4099.4	1727.0	986.9	852.9
17.5°	54450.0	53189.0	51830.0	49876.1	42131.9	29483.5	15810.8	6079.2	2298.1	1040.7	893.9
15°	55517.1	54122.3	52737.5	51011.9	46621.7	36287.5	21227.7	7928.0	3122.9	1323.8	936.6
12.5°	56744.8	54959.3	53488.3	52008.2	49828.6	41070.5	26481.6	12247.0	4519.3	1724.6	974.2
10°	57996.4	55785.0	54134.3	52589.7	50596.5	44084.6	31022.3	15843.7	5679.7	2057.0	1005.3
7.5°	59657.3	56558.8	54655.8	53053.4	51207.7	46475.2	34614.0	18682.2	6593.7	2318.5	1029.8
5°	60891.3	57129.4	55038.0	53391.8	51652.1	48209.0	37213.0	20732.5	7252.9	2506.8	1047.3
2.5°	61652.7	57479.4	55271.5	53597.8	51922.0	49260.2	38786.3	21972.0	7651.0	2620.5	1058.0
0°	<b>61910.3</b>	<b>57597.4</b>	<b>55350.1</b>	<b>53667.0</b>	<b>52012.6</b>	<b>49612.4</b>	<b>39313.1</b>	<b>22386.8</b>	<b>7784.2</b>	<b>2658.5</b>	<b>1061.5</b>
-2.5°	61652.7	57479.4	55271.5	53597.8	51922.0	49260.2	38786.3	21972.0	7651.0	2620.5	1058.0
-5°	60891.3	57129.4	55038.0	53391.8	51652.1	48209.0	37213.0	20732.5	7252.9	2506.8	1047.3
-7.5°	59657.3	56558.8	54655.8	53053.4	51207.7	46475.2	34614.0	18682.2	6593.7	2318.5	1029.8
-10°	57996.4	55785.0	54134.3	52589.7	50596.5	44084.6	31022.3	15843.7	5679.7	2057.0	1005.3
-12.5°	56744.8	54959.3	53488.3	52008.2	49828.6	41070.5	26481.6	12247.0	4519.3	1724.6	974.2
-15°	55517.1	54122.3	52737.5	51011.9	46621.7	36287.5	21227.7	7928.0	3122.9	1323.8	936.6
-17.5°	54450.0	53189.0	51830.0	49876.1	42131.9	29483.5	15810.8	6079.2	2298.1	1040.7	893.9
-20°	53342.1	52175.3	50468.5	45335.3	35715.6	21933.9	9720.8	4099.4	1727.0	986.9	852.9



REPORT NUMBER: P1306474 (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°	52175.3	50668.8	46968.0	39452.7	26719.6	14715.6	6108.5	2425.6	1093.9	927.1	807.3
-25°	50468.5	46968.0	40238.2	29188.6	17772.9	7479.1	3553.6	1683.6	994.5	868.3	755.6
-27.5°	45335.3	39452.7	29188.6	18802.6	8895.1	4556.7	2084.8	1043.7	918.7	810.1	689.9
-30°	35715.6	26719.6	17772.9	8895.1	4894.1	2287.9	1180.7	957.3	848.6	744.2	619.5
-32.5°	21933.9	14715.6	7479.1	4556.7	2287.9	1279.7	976.9	872.0	778.2	664.2	561.6
-35°	9720.8	6108.5	3553.6	2084.8	1180.7	976.9	879.9	793.5	691.3	586.6	505.9
-37.5°	4099.4	2425.6	1683.6	1043.7	957.3	872.0	793.5	700.4	599.1	524.3	457.5
-40°	1727.0	1093.9	994.5	918.7	848.6	778.2	691.3	599.1	530.5	466.6	411.9
-42.5°	986.9	927.1	868.3	810.1	744.2	664.2	586.6	524.3	466.6	416.3	397.5
-45°	852.9	807.3	755.6	689.9	619.5	561.6	505.9	457.5	411.9	397.5	392.1
-47.5°	726.6	675.4	619.1	571.1	524.8	478.6	439.5	401.3	396.5	391.6	386.5
-50°	586.8	553.4	516.7	479.5	447.3	412.9	398.8	394.6	390.2	385.5	337.9
-52.5°	484.0	461.0	435.5	407.9	399.0	395.5	391.8	387.8	383.6	303.0	190.9
-55°	405.5	399.7	397.1	394.3	391.3	388.0	384.5	341.2	245.2	145.0	127.0
-57.5°	393.3	391.2	388.8	386.2	383.4	329.5	249.8	165.5	132.8	118.0	103.9
-60°	384.5	382.5	329.5	270.4	206.4	142.5	130.8	118.5	105.5	98.6	91.5
-62.5°	211.8	167.5	139.4	130.8	121.6	111.6	103.1	97.5	91.6	85.7	82.5
-65°	118.9	112.6	105.5	101.5	97.3	92.8	88.0	84.5	81.8	79.0	75.6
-67.5°	94.3	91.5	88.3	85.5	83.6	81.6	79.5	77.2	73.0	68.0	62.7
-70°	81.3	80.0	78.6	77.1	74.4	70.9	67.1	63.1	58.8	55.9	53.5
-72.5°	68.2	66.0	63.6	61.0	58.1	56.2	54.6	52.8	50.9	49.0	47.0
-75°	53.9	52.9	51.9	50.8	49.5	48.2	46.8	45.3	43.8	42.1	40.4
-77.5°	44.9	44.1	43.3	42.4	41.4	40.3	39.1	37.9	36.5	35.2	33.7
-80°	36.0	35.4	34.7	33.9	33.1	32.2	31.3	30.3	29.3	28.1	27.0
-82.5°	27.0	26.5	26.0	25.4	24.8	24.2	23.5	22.7	21.9	21.1	20.2
-85°	18.0	17.7	17.3	16.9	16.5	16.1	15.7	15.2	14.6	14.1	13.5
-87.5°	9.0	8.9	8.7	8.5	8.3	8.1	7.9	7.6	7.4	7.1	6.8
-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: P1306474 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200L-57-70-1R-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°	6.5	6.2	5.8	5.5	5.2	4.8	4.4	4.1	3.7	3.3	2.9
85°	12.9	12.3	11.7	11.0	10.3	9.6	8.9	8.1	7.3	6.6	5.8
82.5°	19.3	18.4	17.4	16.4	15.4	14.3	13.2	12.1	11.0	9.8	8.6
80°	25.8	24.5	23.2	21.9	20.5	19.0	17.6	16.1	14.6	13.0	11.5
77.5°	32.2	30.6	29.0	27.3	25.5	23.8	21.9	20.1	18.2	16.2	14.3
75°	38.6	36.7	34.7	32.7	30.6	28.5	26.3	24.0	21.7	19.4	17.1
72.5°	44.8	42.7	40.4	38.0	35.6	33.1	30.5	27.9	25.3	22.6	19.8
70°	51.1	48.6	46.0	43.3	40.5	37.7	34.8	31.8	28.8	25.7	22.6
67.5°	57.3	54.5	51.5	48.5	45.4	42.2	39.0	35.6	32.2	28.8	25.3
65°	69.5	63.2	57.0	53.7	50.2	46.7	43.1	39.4	35.6	31.8	27.9
62.5°	79.1	74.7	67.5	60.1	55.0	51.1	47.1	43.1	39.0	34.8	30.5
60°	85.1	81.3	77.3	70.1	61.9	55.4	51.1	46.7	42.2	37.7	33.1
57.5°	95.9	87.7	82.6	78.2	71.0	61.9	55.0	50.2	45.4	40.5	35.6
55°	109.8	98.6	89.4	83.1	78.2	70.1	60.1	53.7	48.5	43.3	38.0
52.5°	132.5	113.4	99.5	89.4	82.6	77.3	67.5	57.0	51.5	46.0	40.4
50°	214.0	134.3	113.4	98.6	87.7	81.3	74.7	63.2	54.5	48.6	42.7
47.5°	349.6	214.0	132.5	109.8	95.9	85.1	79.1	69.5	57.3	51.1	44.8
45°	386.5	337.9	190.9	127.0	103.9	91.5	82.5	75.6	62.7	53.5	47.0
42.5°	391.6	385.5	303.0	145.0	118.0	98.6	85.7	79.0	68.0	55.9	49.0
40°	396.5	390.2	383.6	245.2	132.8	105.5	91.6	81.8	73.0	58.8	50.9
37.5°	401.3	394.6	387.8	341.2	165.5	118.5	97.5	84.5	77.2	63.1	52.8
35°	439.5	398.8	391.8	384.5	249.8	130.8	103.1	88.0	79.5	67.1	54.6
32.5°	478.6	412.9	395.5	388.0	329.5	142.5	111.6	92.8	81.6	70.9	56.2
30°	524.8	447.3	399.0	391.3	383.4	206.4	121.6	97.3	83.6	74.4	58.1
27.5°	571.1	479.5	407.9	394.3	386.2	270.4	130.8	101.5	85.5	77.1	61.0
25°	619.1	516.7	435.5	397.1	388.8	329.5	139.4	105.5	88.3	78.6	63.6
22.5°	675.4	553.4	461.0	399.7	391.2	382.5	167.5	112.6	91.5	80.0	66.0
20°	726.6	586.8	484.0	405.5	393.3	384.5	211.8	118.9	94.3	81.3	68.2
17.5°	771.2	622.6	510.3	424.4	395.2	386.3	251.3	124.6	96.8	82.4	70.1
15°	804.4	659.8	534.4	441.0	396.9	387.8	285.7	129.5	99.0	83.4	71.8
12.5°	832.9	691.5	555.0	455.1	398.3	389.1	315.1	133.7	100.9	84.2	73.2
10°	856.4	717.8	572.0	466.8	399.5	390.2	339.3	137.2	102.4	84.9	74.4
7.5°	874.9	738.3	585.3	475.9	400.4	391.0	358.1	139.9	103.6	85.4	75.3
5°	888.2	753.1	594.8	482.4	401.1	391.6	371.7	141.8	104.5	85.8	76.0
2.5°	896.2	762.0	600.6	486.4	401.5	392.0	379.8	143.0	105.0	86.0	76.4
0°	898.9	765.0	602.5	487.7	401.6	392.1	382.5	143.4	105.2	86.1	76.5
-2.5°	896.2	762.0	600.6	486.4	401.5	392.0	379.8	143.0	105.0	86.0	76.4
-5°	888.2	753.1	594.8	482.4	401.1	391.6	371.7	141.8	104.5	85.8	76.0
-7.5°	874.9	738.3	585.3	475.9	400.4	391.0	358.1	139.9	103.6	85.4	75.3
-10°	856.4	717.8	572.0	466.8	399.5	390.2	339.3	137.2	102.4	84.9	74.4
-12.5°	832.9	691.5	555.0	455.1	398.3	389.1	315.1	133.7	100.9	84.2	73.2
-15°	804.4	659.8	534.4	441.0	396.9	387.8	285.7	129.5	99.0	83.4	71.8
-17.5°	771.2	622.6	510.3	424.4	395.2	386.3	251.3	124.6	96.8	82.4	70.1
-20°	726.6	586.8	484.0	405.5	393.3	384.5	211.8	118.9	94.3	81.3	68.2



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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°	675.4	553.4	461.0	399.7	391.2	382.5	167.5	112.6	91.5	80.0	66.0
-25°	619.1	516.7	435.5	397.1	388.8	329.5	139.4	105.5	88.3	78.6	63.6
-27.5°	571.1	479.5	407.9	394.3	386.2	270.4	130.8	101.5	85.5	77.1	61.0
-30°	524.8	447.3	399.0	391.3	383.4	206.4	121.6	97.3	83.6	74.4	58.1
-32.5°	478.6	412.9	395.5	388.0	329.5	142.5	111.6	92.8	81.6	70.9	56.2
-35°	439.5	398.8	391.8	384.5	249.8	130.8	103.1	88.0	79.5	67.1	54.6
-37.5°	401.3	394.6	387.8	341.2	165.5	118.5	97.5	84.5	77.2	63.1	52.8
-40°	396.5	390.2	383.6	245.2	132.8	105.5	91.6	81.8	73.0	58.8	50.9
-42.5°	391.6	385.5	303.0	145.0	118.0	98.6	85.7	79.0	68.0	55.9	49.0
-45°	386.5	337.9	190.9	127.0	103.9	91.5	82.5	75.6	62.7	53.5	47.0
-47.5°	349.6	214.0	132.5	109.8	95.9	85.1	79.1	69.5	57.3	51.1	44.8
-50°	214.0	134.3	113.4	98.6	87.7	81.3	74.7	63.2	54.5	48.6	42.7
-52.5°	132.5	113.4	99.5	89.4	82.6	77.3	67.5	57.0	51.5	46.0	40.4
-55°	109.8	98.6	89.4	83.1	78.2	70.1	60.1	53.7	48.5	43.3	38.0
-57.5°	95.9	87.7	82.6	78.2	71.0	61.9	55.0	50.2	45.4	40.5	35.6
-60°	85.1	81.3	77.3	70.1	61.9	55.4	51.1	46.7	42.2	37.7	33.1
-62.5°	79.1	74.7	67.5	60.1	55.0	51.1	47.1	43.1	39.0	34.8	30.5
-65°	69.5	63.2	57.0	53.7	50.2	46.7	43.1	39.4	35.6	31.8	27.9
-67.5°	57.3	54.5	51.5	48.5	45.4	42.2	39.0	35.6	32.2	28.8	25.3
-70°	51.1	48.6	46.0	43.3	40.5	37.7	34.8	31.8	28.8	25.7	22.6
-72.5°	44.8	42.7	40.4	38.0	35.6	33.1	30.5	27.9	25.3	22.6	19.8
-75°	38.6	36.7	34.7	32.7	30.6	28.5	26.3	24.0	21.7	19.4	17.1
-77.5°	32.2	30.6	29.0	27.3	25.5	23.8	21.9	20.1	18.2	16.2	14.3
-80°	25.8	24.5	23.2	21.9	20.5	19.0	17.6	16.1	14.6	13.0	11.5
-82.5°	19.3	18.4	17.4	16.4	15.4	14.3	13.2	12.1	11.0	9.8	8.6
-85°	12.9	12.3	11.7	11.0	10.3	9.6	8.9	8.1	7.3	6.6	5.8
-87.5°	6.5	6.2	5.8	5.5	5.2	4.8	4.4	4.1	3.7	3.3	2.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.5	2.1	1.7	1.3	0.8	0.4	0.0
85°	5.0	4.2	3.3	2.5	1.7	0.8	0.0
82.5°	7.4	6.2	5.0	3.7	2.5	1.3	0.0
80°	9.9	8.3	6.6	5.0	3.3	1.7	0.0
77.5°	12.3	10.3	8.3	6.2	4.2	2.1	0.0
75°	14.7	12.3	9.9	7.4	5.0	2.5	0.0
72.5°	17.1	14.3	11.5	8.6	5.8	2.9	0.0
70°	19.4	16.2	13.0	9.8	6.6	3.3	0.0
67.5°	21.7	18.2	14.6	11.0	7.3	3.7	0.0
65°	24.0	20.1	16.1	12.1	8.1	4.1	0.0
62.5°	26.3	21.9	17.6	13.2	8.9	4.4	0.0
60°	28.5	23.8	19.0	14.3	9.6	4.8	0.0
57.5°	30.6	25.5	20.5	15.4	10.3	5.2	0.0
55°	32.7	27.3	21.9	16.4	11.0	5.5	0.0
52.5°	34.7	29.0	23.2	17.4	11.7	5.8	0.0
50°	36.7	30.6	24.5	18.4	12.3	6.2	0.0
47.5°	38.6	32.2	25.8	19.3	12.9	6.5	0.0
45°	40.4	33.7	27.0	20.2	13.5	6.8	0.0
42.5°	42.1	35.2	28.1	21.1	14.1	7.1	0.0
40°	43.8	36.5	29.3	21.9	14.6	7.4	0.0
37.5°	45.3	37.9	30.3	22.7	15.2	7.6	0.0
35°	46.8	39.1	31.3	23.5	15.7	7.9	0.0
32.5°	48.2	40.3	32.2	24.2	16.1	8.1	0.0
30°	49.5	41.4	33.1	24.8	16.5	8.3	0.0
27.5°	50.8	42.4	33.9	25.4	16.9	8.5	0.0
25°	51.9	43.3	34.7	26.0	17.3	8.7	0.0
22.5°	52.9	44.1	35.4	26.5	17.7	8.9	0.0
20°	53.9	44.9	36.0	27.0	18.0	9.0	0.0
17.5°	54.7	45.6	36.5	27.4	18.2	9.2	0.0
15°	55.4	46.2	37.0	27.7	18.5	9.3	0.0
12.5°	56.0	46.7	37.4	28.0	18.6	9.4	0.0
10°	56.5	47.1	37.7	28.3	18.8	9.5	0.0
7.5°	56.9	47.4	38.0	28.5	18.9	9.5	0.0
5°	57.2	47.6	38.2	28.6	19.0	9.6	0.0
2.5°	57.3	47.8	38.3	28.7	19.1	9.6	0.0
0°	57.4	47.8	38.3	28.7	19.1	9.6	0.0
-2.5°	57.3	47.8	38.3	28.7	19.1	9.6	0.0
-5°	57.2	47.6	38.2	28.6	19.0	9.6	0.0
-7.5°	56.9	47.4	38.0	28.5	18.9	9.5	0.0
-10°	56.5	47.1	37.7	28.3	18.8	9.5	0.0
-12.5°	56.0	46.7	37.4	28.0	18.6	9.4	0.0
-15°	55.4	46.2	37.0	27.7	18.5	9.3	0.0
-17.5°	54.7	45.6	36.5	27.4	18.2	9.2	0.0
-20°	53.9	44.9	36.0	27.0	18.0	9.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	52.9	44.1	35.4	26.5	17.7	8.9	0.0
-25°	51.9	43.3	34.7	26.0	17.3	8.7	0.0
-27.5°	50.8	42.4	33.9	25.4	16.9	8.5	0.0
-30°	49.5	41.4	33.1	24.8	16.5	8.3	0.0
-32.5°	48.2	40.3	32.2	24.2	16.1	8.1	0.0
-35°	46.8	39.1	31.3	23.5	15.7	7.9	0.0
-37.5°	45.3	37.9	30.3	22.7	15.2	7.6	0.0
-40°	43.8	36.5	29.3	21.9	14.6	7.4	0.0
-42.5°	42.1	35.2	28.1	21.1	14.1	7.1	0.0
-45°	40.4	33.7	27.0	20.2	13.5	6.8	0.0
-47.5°	38.6	32.2	25.8	19.3	12.9	6.5	0.0
-50°	36.7	30.6	24.5	18.4	12.3	6.2	0.0
-52.5°	34.7	29.0	23.2	17.4	11.7	5.8	0.0
-55°	32.7	27.3	21.9	16.4	11.0	5.5	0.0
-57.5°	30.6	25.5	20.5	15.4	10.3	5.2	0.0
-60°	28.5	23.8	19.0	14.3	9.6	4.8	0.0
-62.5°	26.3	21.9	17.6	13.2	8.9	4.4	0.0
-65°	24.0	20.1	16.1	12.1	8.1	4.1	0.0
-67.5°	21.7	18.2	14.6	11.0	7.3	3.7	0.0
-70°	19.4	16.2	13.0	9.8	6.6	3.3	0.0
-72.5°	17.1	14.3	11.5	8.6	5.8	2.9	0.0
-75°	14.7	12.3	9.9	7.4	5.0	2.5	0.0
-77.5°	12.3	10.3	8.3	6.2	4.2	2.1	0.0
-80°	9.9	8.3	6.6	5.0	3.3	1.7	0.0
-82.5°	7.4	6.2	5.0	3.7	2.5	1.3	0.0
-85°	5.0	4.2	3.3	2.5	1.7	0.8	0.0
-87.5°	2.5	2.1	1.7	1.3	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)