

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: P1306562 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS16-1200R-57-70-5R-A**

Issue Date: 2/3/2026

**Test Information**

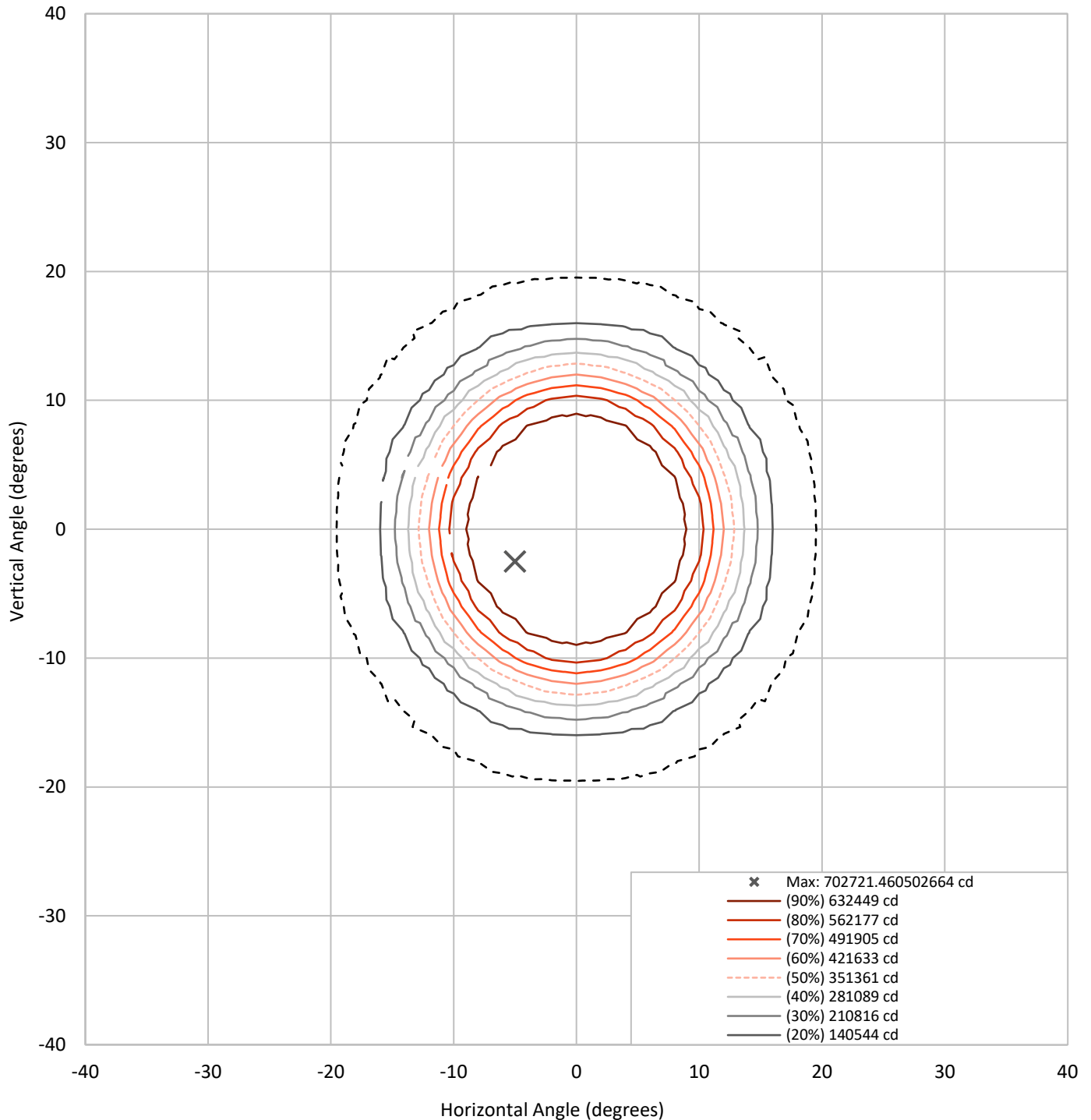
Test Method: LM-79-08  
Report Number: P1306562 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-51)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-LS16-1200R-57-70-5R-A  
Description: EPHEBUS LUMASPORT 16 LUMINAIRE  
(16) 5700K, 70 CRI LEDS AND 5R BEAM SHAPE  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	169022.1 lumens	Max Intensity:	702721.5 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x -2.5°V
Efficacy:	131.0 lumens/watt		
Luminous Opening:	Circular (Dia: 1.67' x H: 0')		
Beam Angle (50%):	25.1°H x 23.6°V	Field Angle (10%):	38.9°H x 38.4°V
Beam Lumens:	89979.3 lumens	Field Lumens:	125319.7 lumens
Beam Efficiency:	53.2%	Field Efficiency:	74.1%
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





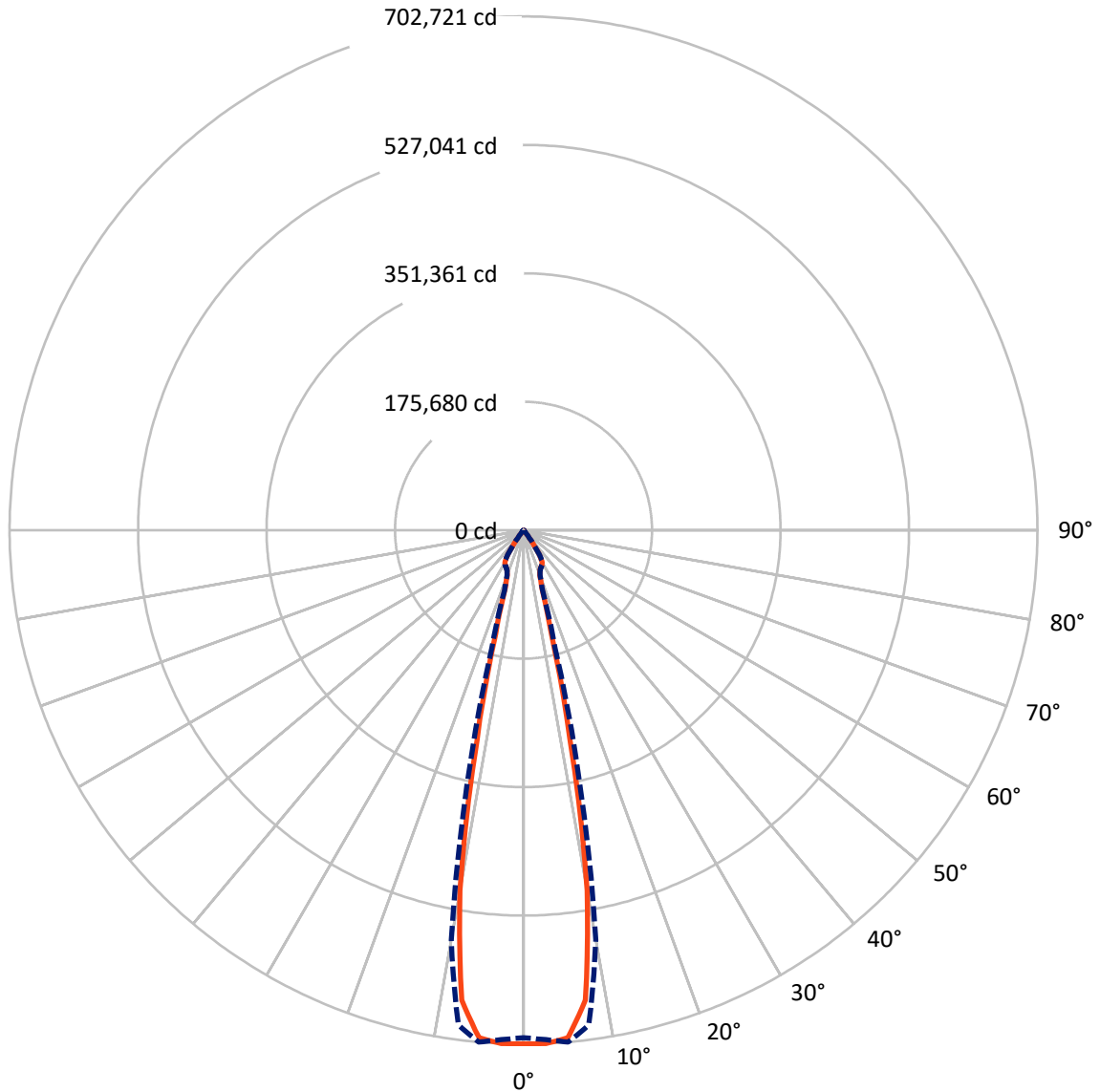
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### Lumen Table

90	0.1	0.8		2.2		3.8		4.4		3.8		2.2		0.8		0.1
80	0.1	0.8		2.2		3.8		4.4		3.8		2.2		0.8		0.1
70	0.4	0.4	0.9	1.6	2.4	3.2	3.8	4.2	4.2	3.8	3.2	2.4	1.6	0.9	0.4	0.4
60		0.7	1.6	2.7	4.5	7.5	11.4	14.0	14.0	11.4	7.5	4.5	2.7	1.6	0.7	
50	0.7	1.0	2.2	4.8	12.3	22.2	30.6	38.7	38.7	30.6	22.2	12.3	4.8	2.2	1.0	0.7
40		1.3	3.2	10.7	24.0	89.3	423.0	762.1	762.1	423.0	89.3	24.0	10.7	3.2	1.3	
30	1.0	1.5	4.8	17.4	81.6	763.5	1485.2	1710.2	1710.2	1485.2	763.5	81.6	17.4	4.8	1.5	1.0
20		1.7	7.0	22.6	366.2	1395.5	2129.5	5794.5	5794.5	2129.5	1395.5	366.2	22.6	7.0	1.7	
10	1.1	1.8	8.3	27.9	639.3	1557.9	5655.5	19087.5	19087.5	5655.5	1557.9	639.3	27.9	8.3	1.8	1.1
0		1.8	8.3	27.9	639.3	1557.9	5655.5	19087.5	19087.5	5655.5	1557.9	639.3	27.9	8.3	1.8	
-10	1.0	1.7	7.0	22.6	366.2	1395.5	2129.5	5794.5	5794.5	2129.5	1395.5	366.2	22.6	7.0	1.7	1.0
-20		1.5	4.8	17.4	81.6	763.5	1485.2	1710.2	1710.2	1485.2	763.5	81.6	17.4	4.8	1.5	
-30	0.7	1.3	3.2	10.7	24.0	89.3	423.0	762.1	762.1	423.0	89.3	24.0	10.7	3.2	1.3	0.7
-40		1.0	2.2	4.8	12.3	22.2	30.6	38.7	38.7	30.6	22.2	12.3	4.8	2.2	1.0	
-50	0.4	0.7	1.6	2.7	4.5	7.5	11.4	14.0	14.0	11.4	7.5	4.5	2.7	1.6	0.7	0.4
-60		0.4	0.9	1.6	2.4	3.2	3.8	4.2	4.2	3.8	3.2	2.4	1.6	0.9	0.4	
-70	0.1	0.8		2.2		3.8		4.4		3.8		2.2		0.8		0.1
-80		0.8		2.2		3.8		4.4		3.8		2.2		0.8		
-90	0.1	0.8		2.2		3.8		4.4		3.8		2.2		0.8		0.1

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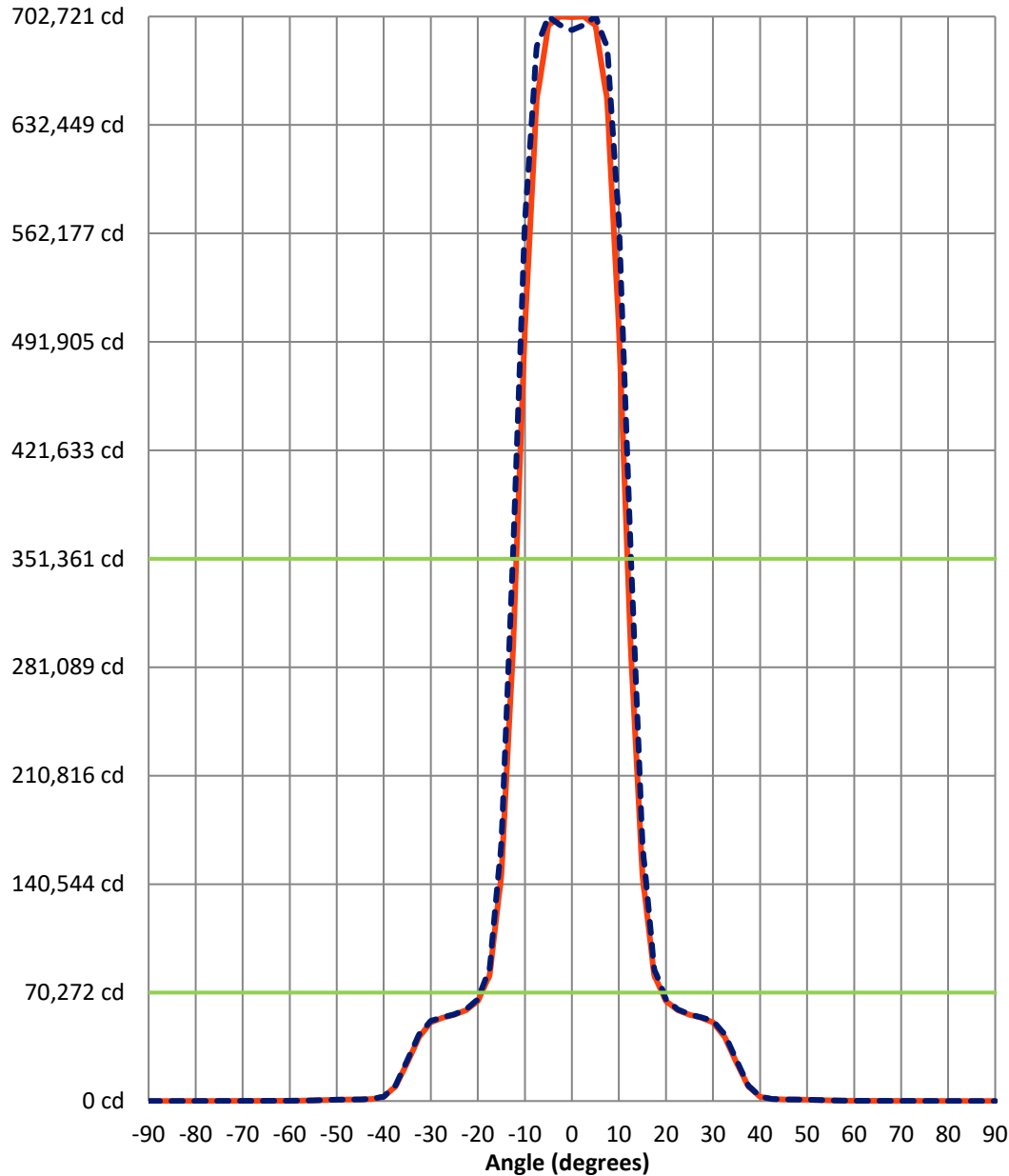
### Luminous Intensity Polar Plot



— Vertical Distribution Through -5-Deg      - - - Horizontal Distribution Through -2.5-Deg

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### Luminous Intensity Plot



**Beam:**  
H Angle: 25.1°  
V Angle: 23.6°  
Lumens: 89979.3  
Efficiency: 53.2%

**Field:**  
H Angle: 38.9°  
V Angle: 38.4°  
Lumens: 125319.7  
Efficiency: 74.1%

**Spill:**  
Lumens: 43702.5  
Efficiency: 25.9%

— Vertical Distribution through -5-Deg  
- - Horizontal Distribution through -2.5-Deg



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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	1.9	2.2	2.4
85°	0.0	0.5	1.0	1.5	2.0	2.5	2.9	3.4	3.9	4.4	4.8
82.5°	0.0	0.7	1.5	2.2	3.0	3.7	4.4	5.1	5.8	6.5	7.2
80°	0.0	1.0	2.0	3.0	3.9	4.9	5.9	6.8	7.8	8.7	9.7
77.5°	0.0	1.2	2.5	3.7	4.9	6.1	7.4	8.6	9.7	10.9	12.4
75°	0.0	1.5	2.9	4.4	5.9	7.4	8.8	10.3	11.8	13.9	15.9
72.5°	0.0	1.7	3.4	5.1	6.8	8.6	10.3	12.1	14.6	17.0	19.4
70°	0.0	1.9	3.9	5.8	7.8	9.7	11.8	14.6	17.4	20.2	23.5
67.5°	0.0	2.2	4.4	6.5	8.7	10.9	13.9	17.0	20.2	24.0	27.7
65°	0.0	2.4	4.8	7.2	9.7	12.4	15.9	19.4	23.5	27.7	32.0
62.5°	0.0	2.6	5.3	7.9	10.6	14.0	17.9	22.1	26.8	31.5	36.8
60°	0.0	2.8	5.7	8.6	11.5	15.7	19.9	24.9	30.0	35.7	41.5
57.5°	0.0	3.1	6.1	9.2	12.7	17.3	22.2	27.7	33.5	39.9	46.6
55°	0.0	3.3	6.5	9.9	14.0	18.8	24.5	30.3	37.1	44.0	51.8
52.5°	0.0	3.5	7.0	10.5	15.2	20.4	26.7	33.3	40.6	48.6	56.9
50°	0.0	3.7	7.4	11.1	16.3	22.2	28.8	36.3	44.2	53.0	63.8
47.5°	0.0	3.9	7.7	11.7	17.5	23.9	30.9	39.1	48.0	57.3	70.8
45°	0.0	4.0	8.1	12.5	18.6	25.6	33.3	41.9	51.6	63.3	77.5
42.5°	0.0	4.2	8.4	13.3	19.6	27.2	35.6	44.8	55.1	69.1	82.7
40°	0.0	4.4	8.8	14.0	20.7	28.7	37.7	47.7	59.0	74.6	87.5
37.5°	0.0	4.5	9.1	14.7	21.9	30.1	39.8	50.5	63.7	79.5	92.0
35°	0.0	4.7	9.4	15.4	22.9	31.7	41.7	53.1	68.1	83.4	96.5
32.5°	0.0	4.8	9.7	16.0	24.0	33.2	43.6	55.6	72.2	87.1	101.1
30°	0.0	4.9	9.9	16.6	24.9	34.6	45.6	58.2	76.1	90.5	105.3
27.5°	0.0	5.1	10.2	17.2	25.8	35.9	47.4	61.3	79.4	93.7	109.3
25°	0.0	5.2	10.4	17.7	26.6	37.1	49.1	64.2	82.0	96.8	113.0
22.5°	0.0	5.3	10.6	18.1	27.4	38.2	50.7	66.9	84.4	99.8	116.9
20°	0.0	5.4	10.8	18.5	28.0	39.2	52.1	69.3	86.5	102.5	120.4
17.5°	0.0	5.4	11.0	18.9	28.6	40.1	53.3	71.4	88.4	104.9	123.5
15°	0.0	5.5	11.1	19.2	29.2	40.9	54.4	73.2	90.1	107.0	126.2
12.5°	0.0	5.6	11.2	19.5	29.6	41.5	55.3	74.8	91.5	108.7	128.6
10°	0.0	5.6	11.3	19.7	30.0	42.0	56.1	76.1	92.6	110.2	130.5
7.5°	0.0	5.7	11.4	19.9	30.2	42.5	56.6	77.1	93.5	111.3	132.0
5°	0.0	5.7	11.5	20.0	30.4	42.8	57.1	77.8	94.2	112.1	133.0
2.5°	0.0	5.7	11.5	20.1	30.6	42.9	57.3	78.3	94.6	112.6	133.7
0°	0.0	5.7	11.5	20.1	30.6	43.0	57.4	78.4	94.7	112.8	133.9
-2.5°	0.0	5.7	11.5	20.1	30.6	43.0	57.4	78.4	94.7	112.8	133.9
-5°	0.0	5.7	11.5	20.0	30.4	42.8	57.1	77.8	94.2	112.1	133.0
-7.5°	0.0	5.7	11.4	19.9	30.2	42.5	56.6	77.1	93.5	111.3	132.0
-10°	0.0	5.6	11.3	19.7	30.0	42.0	56.1	76.1	92.6	110.2	130.5
-12.5°	0.0	5.6	11.2	19.5	29.6	41.5	55.3	74.8	91.5	108.7	128.6
-15°	0.0	5.5	11.1	19.2	29.2	40.9	54.4	73.2	90.1	107.0	126.2
-17.5°	0.0	5.4	11.0	18.9	28.6	40.1	53.3	71.4	88.4	104.9	123.5
-20°	0.0	5.4	10.8	18.5	28.0	39.2	52.1	69.3	86.5	102.5	120.4



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.3	10.6	18.1	27.4	38.2	50.7	66.9	84.4	99.8	116.9
-25°	0.0	5.2	10.4	17.7	26.6	37.1	49.1	64.2	82.0	96.8	113.0
-27.5°	0.0	5.1	10.2	17.2	25.8	35.9	47.4	61.3	79.4	93.7	109.3
-30°	0.0	4.9	9.9	16.6	24.9	34.6	45.6	58.2	76.1	90.5	105.3
-32.5°	0.0	4.8	9.7	16.0	24.0	33.2	43.6	55.6	72.2	87.1	101.1
-35°	0.0	4.7	9.4	15.4	22.9	31.7	41.7	53.1	68.1	83.4	96.5
-37.5°	0.0	4.5	9.1	14.7	21.9	30.1	39.8	50.5	63.7	79.5	92.0
-40°	0.0	4.4	8.8	14.0	20.7	28.7	37.7	47.7	59.0	74.6	87.5
-42.5°	0.0	4.2	8.4	13.3	19.6	27.2	35.6	44.8	55.1	69.1	82.7
-45°	0.0	4.0	8.1	12.5	18.6	25.6	33.3	41.9	51.6	63.3	77.5
-47.5°	0.0	3.9	7.7	11.7	17.5	23.9	30.9	39.1	48.0	57.3	70.8
-50°	0.0	3.7	7.4	11.1	16.3	22.2	28.8	36.3	44.2	53.0	63.8
-52.5°	0.0	3.5	7.0	10.5	15.2	20.4	26.7	33.3	40.6	48.6	56.9
-55°	0.0	3.3	6.5	9.9	14.0	18.8	24.5	30.3	37.1	44.0	51.8
-57.5°	0.0	3.1	6.1	9.2	12.7	17.3	22.2	27.7	33.5	39.9	46.6
-60°	0.0	2.8	5.7	8.6	11.5	15.7	19.9	24.9	30.0	35.7	41.5
-62.5°	0.0	2.6	5.3	7.9	10.6	14.0	17.9	22.1	26.8	31.5	36.8
-65°	0.0	2.4	4.8	7.2	9.7	12.4	15.9	19.4	23.5	27.7	32.0
-67.5°	0.0	2.2	4.4	6.5	8.7	10.9	13.9	17.0	20.2	24.0	27.7
-70°	0.0	1.9	3.9	5.8	7.8	9.7	11.8	14.6	17.4	20.2	23.5
-72.5°	0.0	1.7	3.4	5.1	6.8	8.6	10.3	12.1	14.6	17.0	19.4
-75°	0.0	1.5	2.9	4.4	5.9	7.4	8.8	10.3	11.8	13.9	15.9
-77.5°	0.0	1.2	2.5	3.7	4.9	6.1	7.4	8.6	9.7	10.9	12.4
-80°	0.0	1.0	2.0	3.0	3.9	4.9	5.9	6.8	7.8	8.7	9.7
-82.5°	0.0	0.7	1.5	2.2	3.0	3.7	4.4	5.1	5.8	6.5	7.2
-85°	0.0	0.5	1.0	1.5	2.0	2.5	2.9	3.4	3.9	4.4	4.8
-87.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	1.9	2.2	2.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: EPH-LS16-1200R-57-70-5R-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°	2.6	2.8	3.1	3.3	3.5	3.7	3.9	4.0	4.2	4.4	4.5
85°	5.3	5.7	6.1	6.5	7.0	7.4	7.7	8.1	8.4	8.8	9.1
82.5°	7.9	8.6	9.2	9.9	10.5	11.1	11.7	12.5	13.3	14.0	14.7
80°	10.6	11.5	12.7	14.0	15.2	16.3	17.5	18.6	19.6	20.7	21.9
77.5°	14.0	15.7	17.3	18.8	20.4	22.2	23.9	25.6	27.2	28.7	30.1
75°	17.9	19.9	22.2	24.5	26.7	28.8	30.9	33.3	35.6	37.7	39.8
72.5°	22.1	24.9	27.7	30.3	33.3	36.3	39.1	41.9	44.8	47.7	50.5
70°	26.8	30.0	33.5	37.1	40.6	44.2	48.0	51.6	55.1	59.0	63.7
67.5°	31.5	35.7	39.9	44.0	48.6	53.0	57.3	63.3	69.1	74.6	79.5
65°	36.8	41.5	46.6	51.8	56.9	63.8	70.8	77.5	82.7	87.5	92.0
62.5°	42.1	47.9	53.7	60.4	68.5	76.4	82.8	88.6	94.1	99.9	105.5
60°	47.9	54.4	62.3	71.4	79.8	86.5	93.0	99.8	106.5	113.0	120.1
57.5°	53.7	62.3	72.3	81.3	88.8	96.2	104.0	111.6	119.9	128.0	136.5
55°	60.4	71.4	81.3	89.5	97.9	106.5	115.3	124.8	134.1	145.7	156.8
52.5°	68.5	79.8	88.8	97.9	107.4	117.3	127.9	139.4	152.4	165.9	181.6
50°	76.4	86.5	96.2	106.5	117.3	128.9	142.1	156.4	173.1	190.6	219.9
47.5°	82.8	93.0	104.0	115.3	127.9	142.1	157.8	176.6	196.1	236.7	278.1
45°	88.6	99.8	111.6	124.8	139.4	156.4	176.6	197.9	245.2	298.2	374.3
42.5°	94.1	106.5	119.9	134.1	152.4	173.1	196.1	245.2	305.6	389.4	501.5
40°	99.9	113.0	128.0	145.7	165.9	190.6	236.7	298.2	389.4	514.4	658.5
37.5°	105.5	120.1	136.5	156.8	181.6	219.9	278.1	374.3	501.5	658.5	787.2
35°	110.8	127.0	146.2	169.2	196.6	256.9	344.3	462.8	632.1	775.8	891.9
32.5°	116.3	133.4	155.5	182.4	227.6	299.9	409.4	579.8	742.1	878.7	959.8
30°	121.8	141.2	164.9	194.8	258.4	357.2	502.5	686.7	841.5	939.5	1001.2
27.5°	127.0	148.6	175.6	217.3	291.6	410.9	599.7	774.1	906.3	989.2	1028.1
25°	131.7	155.5	185.4	241.9	337.7	485.4	686.2	855.7	956.5	1012.8	1164.1
22.5°	136.7	161.8	194.4	264.5	380.0	562.6	756.0	903.8	991.8	1040.5	1319.6
20°	141.8	169.2	208.7	287.7	418.5	632.7	819.6	943.3	1010.4	1173.2	1814.4
17.5°	146.4	175.8	225.4	319.2	472.0	690.6	872.6	978.6	1027.2	1292.9	2427.2
15°	150.4	181.6	240.0	346.8	522.6	736.7	901.3	994.8	1088.7	1512.1	3027.8
12.5°	153.8	186.6	252.4	370.3	565.8	776.1	926.0	1006.5	1172.7	1944.4	5217.8
10°	156.6	190.6	262.7	389.7	601.5	808.7	946.3	1016.2	1242.3	2303.5	7041.5
7.5°	158.8	193.8	270.7	404.9	629.4	834.2	962.3	1023.8	1297.1	2586.4	8480.7
5°	160.3	196.1	276.5	415.8	649.5	852.6	973.8	1029.3	1336.6	2790.5	9520.4
2.5°	161.3	197.4	279.9	422.4	661.6	863.6	980.7	1032.6	1360.4	2913.7	10148.9
0°	161.6	197.9	281.1	424.6	665.6	867.3	983.0	1033.7	1368.4	2954.9	10359.2
-2.5°	161.3	197.4	279.9	422.4	661.6	863.6	980.7	1032.6	1360.4	2913.7	10148.9
-5°	160.3	196.1	276.5	415.8	649.5	852.6	973.8	1029.3	1336.6	2790.5	9520.4
-7.5°	158.8	193.8	270.7	404.9	629.4	834.2	962.3	1023.8	1297.1	2586.4	8480.7
-10°	156.6	190.6	262.7	389.7	601.5	808.7	946.3	1016.2	1242.3	2303.5	7041.5
-12.5°	153.8	186.6	252.4	370.3	565.8	776.1	926.0	1006.5	1172.7	1944.4	5217.8
-15°	150.4	181.6	240.0	346.8	522.6	736.7	901.3	994.8	1088.7	1512.1	3027.8
-17.5°	146.4	175.8	225.4	319.2	472.0	690.6	872.6	978.6	1027.2	1292.9	2427.2
-20°	141.8	169.2	208.7	287.7	418.5	632.7	819.6	943.3	1010.4	1173.2	1814.4



REPORT NUMBER: P1306562 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-57-70-5R-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	136.7	161.8	194.4	264.5	380.0	562.6	756.0	903.8	991.8	1040.5	1319.6
-25°	131.7	155.5	185.4	241.9	337.7	485.4	686.2	855.7	956.5	1012.8	1164.1
-27.5°	127.0	148.6	175.6	217.3	291.6	410.9	599.7	774.1	906.3	989.2	1028.1
-30°	121.8	141.2	164.9	194.8	258.4	357.2	502.5	686.7	841.5	939.5	1001.2
-32.5°	116.3	133.4	155.5	182.4	227.6	299.9	409.4	579.8	742.1	878.7	959.8
-35°	110.8	127.0	146.2	169.2	196.6	256.9	344.3	462.8	632.1	775.8	891.9
-37.5°	105.5	120.1	136.5	156.8	181.6	219.9	278.1	374.3	501.5	658.5	787.2
-40°	99.9	113.0	128.0	145.7	165.9	190.6	236.7	298.2	389.4	514.4	658.5
-42.5°	94.1	106.5	119.9	134.1	152.4	173.1	196.1	245.2	305.6	389.4	501.5
-45°	88.6	99.8	111.6	124.8	139.4	156.4	176.6	197.9	245.2	298.2	374.3
-47.5°	82.8	93.0	104.0	115.3	127.9	142.1	157.8	176.6	196.1	236.7	278.1
-50°	76.4	86.5	96.2	106.5	117.3	128.9	142.1	156.4	173.1	190.6	219.9
-52.5°	68.5	79.8	88.8	97.9	107.4	117.3	127.9	139.4	152.4	165.9	181.6
-55°	60.4	71.4	81.3	89.5	97.9	106.5	115.3	124.8	134.1	145.7	156.8
-57.5°	53.7	62.3	72.3	81.3	88.8	96.2	104.0	111.6	119.9	128.0	136.5
-60°	47.9	54.4	62.3	71.4	79.8	86.5	93.0	99.8	106.5	113.0	120.1
-62.5°	42.1	47.9	53.7	60.4	68.5	76.4	82.8	88.6	94.1	99.9	105.5
-65°	36.8	41.5	46.6	51.8	56.9	63.8	70.8	77.5	82.7	87.5	92.0
-67.5°	31.5	35.7	39.9	44.0	48.6	53.0	57.3	63.3	69.1	74.6	79.5
-70°	26.8	30.0	33.5	37.1	40.6	44.2	48.0	51.6	55.1	59.0	63.7
-72.5°	22.1	24.9	27.7	30.3	33.3	36.3	39.1	41.9	44.8	47.7	50.5
-75°	17.9	19.9	22.2	24.5	26.7	28.8	30.9	33.3	35.6	37.7	39.8
-77.5°	14.0	15.7	17.3	18.8	20.4	22.2	23.9	25.6	27.2	28.7	30.1
-80°	10.6	11.5	12.7	14.0	15.2	16.3	17.5	18.6	19.6	20.7	21.9
-82.5°	7.9	8.6	9.2	9.9	10.5	11.1	11.7	12.5	13.3	14.0	14.7
-85°	5.3	5.7	6.1	6.5	7.0	7.4	7.7	8.1	8.4	8.8	9.1
-87.5°	2.6	2.8	3.1	3.3	3.5	3.7	3.9	4.0	4.2	4.4	4.5
-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: P1306562 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-57-70-5R-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°	4.7	4.8	4.9	5.1	5.2	5.3	5.4	5.4	5.5	5.6	5.6
85°	9.4	9.7	9.9	10.2	10.4	10.6	10.8	11.0	11.1	11.2	11.3
82.5°	15.4	16.0	16.6	17.2	17.7	18.1	18.5	18.9	19.2	19.5	19.7
80°	22.9	24.0	24.9	25.8	26.6	27.4	28.0	28.6	29.2	29.6	30.0
77.5°	31.7	33.2	34.6	35.9	37.1	38.2	39.2	40.1	40.9	41.5	42.0
75°	41.7	43.6	45.6	47.4	49.1	50.7	52.1	53.3	54.4	55.3	56.1
72.5°	53.1	55.6	58.2	61.3	64.2	66.9	69.3	71.4	73.2	74.8	76.1
70°	68.1	72.2	76.1	79.4	82.0	84.4	86.5	88.4	90.1	91.5	92.6
67.5°	83.4	87.1	90.5	93.7	96.8	99.8	102.5	104.9	107.0	108.7	110.2
65°	96.5	101.1	105.3	109.3	113.0	116.9	120.4	123.5	126.2	128.6	130.5
62.5°	110.8	116.3	121.8	127.0	131.7	136.7	141.8	146.4	150.4	153.8	156.6
60°	127.0	133.4	141.2	148.6	155.5	161.8	169.2	175.8	181.6	186.6	190.6
57.5°	146.2	155.5	164.9	175.6	185.4	194.4	208.7	225.4	240.0	252.4	262.7
55°	169.2	182.4	194.8	217.3	241.9	264.5	287.7	319.2	346.8	370.3	389.7
52.5°	196.6	227.6	258.4	291.6	337.7	380.0	418.5	472.0	522.6	565.8	601.5
50°	256.9	299.9	357.2	410.9	485.4	562.6	632.7	690.6	736.7	776.1	808.7
47.5°	344.3	409.4	502.5	599.7	686.2	756.0	819.6	872.6	901.3	926.0	946.3
45°	462.8	579.8	686.7	774.1	855.7	903.8	943.3	978.6	994.8	1006.5	1016.2
42.5°	632.1	742.1	841.5	906.3	956.5	991.8	1010.4	1027.2	1088.7	1172.7	1242.3
40°	775.8	878.7	939.5	989.2	1012.8	1040.5	1173.2	1292.9	1512.1	1944.4	2303.5
37.5°	891.9	959.8	1001.2	1028.1	1164.1	1319.6	1814.4	2427.2	3027.8	5217.8	7041.5
35°	966.6	1007.3	1058.7	1248.2	1645.5	2436.2	3936.8	7024.8	9771.5	14370.8	18819.4
32.5°	1007.3	1079.4	1290.7	1955.9	2860.5	6469.5	10129.5	17311.8	23977.6	29800.2	34702.6
30°	1058.7	1290.7	2060.4	3518.2	8019.7	14604.0	23417.3	31526.6	38829.3	44467.5	47215.0
27.5°	1248.2	1955.9	3518.2	8541.8	17022.9	27168.9	36736.9	44637.2	48701.2	52266.0	52994.1
25°	1645.5	2860.5	8019.7	17022.9	28446.5	39392.5	46756.8	51628.6	53176.5	54103.0	54872.5
22.5°	2436.2	6469.5	14604.0	27168.9	39392.5	47473.5	52482.7	53733.7	54858.5	55841.9	56935.1
20°	3936.8	10129.5	23417.3	36736.9	46756.8	52482.7	53922.6	55243.5	56544.6	58334.3	60209.0
17.5°	7024.8	17311.8	31526.6	44637.2	51628.6	53733.7	55243.5	56886.7	59059.8	62605.2	66193.6
15°	9771.5	23977.6	38829.3	48701.2	53176.5	54858.5	56544.6	59059.8	63427.0	71148.0	83443.7
12.5°	14370.8	29800.2	44467.5	52266.0	54103.0	55841.9	58334.3	62605.2	71148.0	86430.1	141004.4
10°	18819.4	34702.6	47215.0	52994.1	54872.5	56935.1	60209.0	66193.6	83443.7	141004.4	239932.3
7.5°	22338.1	38591.1	49401.7	53566.3	55485.3	58063.2	62838.7	74831.3	114061.4	207611.5	381278.4
5°	24884.4	41411.1	50991.9	53983.8	55934.4	58895.0	64792.5	81645.5	146737.4	294428.0	500048.4
2.5°	26425.7	43120.8	51957.9	54238.1	56208.8	59405.2	65998.1	85884.8	167311.1	356340.9	568890.1
0°	26941.8	43693.7	52281.9	54323.5	56301.1	59577.3	66405.9	87325.2	174349.2	379132.5	592450.4
-2.5°	26425.7	43120.8	51957.9	54238.1	56208.8	59405.2	65998.1	85884.8	167311.1	356340.9	568890.1
-5°	24884.4	41411.1	50991.9	53983.8	55934.4	58895.0	64792.5	81645.5	146737.4	294428.0	500048.4
-7.5°	22338.1	38591.1	49401.7	53566.3	55485.3	58063.2	62838.7	74831.3	114061.4	207611.5	381278.4
-10°	18819.4	34702.6	47215.0	52994.1	54872.5	56935.1	60209.0	66193.6	83443.7	141004.4	239932.3
-12.5°	14370.8	29800.2	44467.5	52266.0	54103.0	55841.9	58334.3	62605.2	71148.0	86430.1	141004.4
-15°	9771.5	23977.6	38829.3	48701.2	53176.5	54858.5	56544.6	59059.8	63427.0	71148.0	83443.7
-17.5°	7024.8	17311.8	31526.6	44637.2	51628.6	53733.7	55243.5	56886.7	59059.8	62605.2	66193.6
-20°	3936.8	10129.5	23417.3	36736.9	46756.8	52482.7	53922.6	55243.5	56544.6	58334.3	60209.0



REPORT NUMBER: P1306562 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-57-70-5R-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2436.2	6469.5	14604.0	27168.9	39392.5	47473.5	52482.7	53733.7	54858.5	55841.9	56935.1
-25°	1645.5	2860.5	8019.7	17022.9	28446.5	39392.5	46756.8	51628.6	53176.5	54103.0	54872.5
-27.5°	1248.2	1955.9	3518.2	8541.8	17022.9	27168.9	36736.9	44637.2	48701.2	52266.0	52994.1
-30°	1058.7	1290.7	2060.4	3518.2	8019.7	14604.0	23417.3	31526.6	38829.3	44467.5	47215.0
-32.5°	1007.3	1079.4	1290.7	1955.9	2860.5	6469.5	10129.5	17311.8	23977.6	29800.2	34702.6
-35°	966.6	1007.3	1058.7	1248.2	1645.5	2436.2	3936.8	7024.8	9771.5	14370.8	18819.4
-37.5°	891.9	959.8	1001.2	1028.1	1164.1	1319.6	1814.4	2427.2	3027.8	5217.8	7041.5
-40°	775.8	878.7	939.5	989.2	1012.8	1040.5	1173.2	1292.9	1512.1	1944.4	2303.5
-42.5°	632.1	742.1	841.5	906.3	956.5	991.8	1010.4	1027.2	1088.7	1172.7	1242.3
-45°	462.8	579.8	686.7	774.1	855.7	903.8	943.3	978.6	994.8	1006.5	1016.2
-47.5°	344.3	409.4	502.5	599.7	686.2	756.0	819.6	872.6	901.3	926.0	946.3
-50°	256.9	299.9	357.2	410.9	485.4	562.6	632.7	690.6	736.7	776.1	808.7
-52.5°	196.6	227.6	258.4	291.6	337.7	380.0	418.5	472.0	522.6	565.8	601.5
-55°	169.2	182.4	194.8	217.3	241.9	264.5	287.7	319.2	346.8	370.3	389.7
-57.5°	146.2	155.5	164.9	175.6	185.4	194.4	208.7	225.4	240.0	252.4	262.7
-60°	127.0	133.4	141.2	148.6	155.5	161.8	169.2	175.8	181.6	186.6	190.6
-62.5°	110.8	116.3	121.8	127.0	131.7	136.7	141.8	146.4	150.4	153.8	156.6
-65°	96.5	101.1	105.3	109.3	113.0	116.9	120.4	123.5	126.2	128.6	130.5
-67.5°	83.4	87.1	90.5	93.7	96.8	99.8	102.5	104.9	107.0	108.7	110.2
-70°	68.1	72.2	76.1	79.4	82.0	84.4	86.5	88.4	90.1	91.5	92.6
-72.5°	53.1	55.6	58.2	61.3	64.2	66.9	69.3	71.4	73.2	74.8	76.1
-75°	41.7	43.6	45.6	47.4	49.1	50.7	52.1	53.3	54.4	55.3	56.1
-77.5°	31.7	33.2	34.6	35.9	37.1	38.2	39.2	40.1	40.9	41.5	42.0
-80°	22.9	24.0	24.9	25.8	26.6	27.4	28.0	28.6	29.2	29.6	30.0
-82.5°	15.4	16.0	16.6	17.2	17.7	18.1	18.5	18.9	19.2	19.5	19.7
-85°	9.4	9.7	9.9	10.2	10.4	10.6	10.8	11.0	11.1	11.2	11.3
-87.5°	4.7	4.8	4.9	5.1	5.2	5.3	5.4	5.4	5.5	5.6	5.6
-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: P1306562 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-57-70-5R-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°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.6	5.5	5.4
85°	11.4	11.5	11.5	11.5	11.5	11.5	11.4	11.3	11.2	11.1	11.0
82.5°	19.9	20.0	20.1	20.1	20.1	20.0	19.9	19.7	19.5	19.2	18.9
80°	30.2	30.4	30.6	30.6	30.6	30.4	30.2	30.0	29.6	29.2	28.6
77.5°	42.5	42.8	42.9	43.0	42.9	42.8	42.5	42.0	41.5	40.9	40.1
75°	56.6	57.1	57.3	57.4	57.3	57.1	56.6	56.1	55.3	54.4	53.3
72.5°	77.1	77.8	78.3	78.4	78.3	77.8	77.1	76.1	74.8	73.2	71.4
70°	93.5	94.2	94.6	94.7	94.6	94.2	93.5	92.6	91.5	90.1	88.4
67.5°	111.3	112.1	112.6	112.8	112.6	112.1	111.3	110.2	108.7	107.0	104.9
65°	132.0	133.0	133.7	133.9	133.7	133.0	132.0	130.5	128.6	126.2	123.5
62.5°	158.8	160.3	161.3	161.6	161.3	160.3	158.8	156.6	153.8	150.4	146.4
60°	193.8	196.1	197.4	197.9	197.4	196.1	193.8	190.6	186.6	181.6	175.8
57.5°	270.7	276.5	279.9	281.1	279.9	276.5	270.7	262.7	252.4	240.0	225.4
55°	404.9	415.8	422.4	424.6	422.4	415.8	404.9	389.7	370.3	346.8	319.2
52.5°	629.4	649.5	661.6	665.6	661.6	649.5	629.4	601.5	565.8	522.6	472.0
50°	834.2	852.6	863.6	867.3	863.6	852.6	834.2	808.7	776.1	736.7	690.6
47.5°	962.3	973.8	980.7	983.0	980.7	973.8	962.3	946.3	926.0	901.3	872.6
45°	1023.8	1029.3	1032.6	1033.7	1032.6	1029.3	1023.8	1016.2	1006.5	994.8	978.6
42.5°	1297.1	1336.6	1360.4	1368.4	1360.4	1336.6	1297.1	1242.3	1172.7	1088.7	1027.2
40°	2586.4	2790.5	2913.7	2954.9	2913.7	2790.5	2586.4	2303.5	1944.4	1512.1	1292.9
37.5°	8480.7	9520.4	10148.9	10359.2	10148.9	9520.4	8480.7	7041.5	5217.8	3027.8	2427.2
35°	22338.1	24884.4	26425.7	26941.8	26425.7	24884.4	22338.1	18819.4	14370.8	9771.5	7024.8
32.5°	38591.1	41411.1	43120.8	43693.7	43120.8	41411.1	38591.1	34702.6	29800.2	23977.6	17311.8
30°	49401.7	50991.9	51957.9	52281.9	51957.9	50991.9	49401.7	47215.0	44467.5	38829.3	31526.6
27.5°	53566.3	53983.8	54238.1	54323.5	54238.1	53983.8	53566.3	52994.1	52266.0	48701.2	44637.2
25°	55485.3	55934.4	56208.8	56301.1	56208.8	55934.4	55485.3	54872.5	54103.0	53176.5	51628.6
22.5°	58063.2	58895.0	59405.2	59577.3	59405.2	58895.0	58063.2	56935.1	55841.9	54858.5	53733.7
20°	62838.7	64792.5	65998.1	66405.9	65998.1	64792.5	62838.7	60209.0	58334.3	56544.6	55243.5
17.5°	74831.3	81645.5	85884.8	87325.2	85884.8	81645.5	74831.3	66193.6	62605.2	59059.8	56886.7
15°	114061.4	146737.4	167311.1	174349.2	167311.1	146737.4	114061.4	83443.7	71148.0	63427.0	59059.8
12.5°	207611.5	294428.0	356340.9	379132.5	356340.9	294428.0	207611.5	141004.4	86430.1	71148.0	62605.2
10°	381278.4	500048.4	568890.1	592450.4	568890.1	500048.4	381278.4	239932.3	141004.4	83443.7	66193.6
7.5°	546717.5	648084.3	682558.2	689521.0	682558.2	648084.3	546717.5	381278.4	207611.5	114061.4	74831.3
5°	648084.3	697001.3	702721.5	702342.6	702721.5	697001.3	648084.3	500048.4	294428.0	146737.4	81645.5
2.5°	682558.2	702721.5	697180.9	693968.6	697180.9	702721.5	682558.2	568890.1	356340.9	167311.1	85884.8
0°	689521.0	702342.6	693968.6	691650.6	693968.6	702342.6	689521.0	592450.4	379132.5	174349.2	87325.2
-2.5°	682558.2	702721.5	697180.9	693968.6	697180.9	702721.5	682558.2	568890.1	356340.9	167311.1	85884.8
-5°	648084.3	697001.3	702721.5	702342.6	702721.5	697001.3	648084.3	500048.4	294428.0	146737.4	81645.5
-7.5°	546717.5	648084.3	682558.2	689521.0	682558.2	648084.3	546717.5	381278.4	207611.5	114061.4	74831.3
-10°	381278.4	500048.4	568890.1	592450.4	568890.1	500048.4	381278.4	239932.3	141004.4	83443.7	66193.6
-12.5°	207611.5	294428.0	356340.9	379132.5	356340.9	294428.0	207611.5	141004.4	86430.1	71148.0	62605.2
-15°	114061.4	146737.4	167311.1	174349.2	167311.1	146737.4	114061.4	83443.7	71148.0	63427.0	59059.8
-17.5°	74831.3	81645.5	85884.8	87325.2	85884.8	81645.5	74831.3	66193.6	62605.2	59059.8	56886.7
-20°	62838.7	64792.5	65998.1	66405.9	65998.1	64792.5	62838.7	60209.0	58334.3	56544.6	55243.5



REPORT NUMBER: P1306562 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-57-70-5R-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	58063.2	58895.0	59405.2	59577.3	59405.2	58895.0	58063.2	56935.1	55841.9	54858.5	53733.7
-25°	55485.3	55934.4	56208.8	56301.1	56208.8	55934.4	55485.3	54872.5	54103.0	53176.5	51628.6
-27.5°	53566.3	53983.8	54238.1	54323.5	54238.1	53983.8	53566.3	52994.1	52266.0	48701.2	44637.2
-30°	49401.7	50991.9	51957.9	52281.9	51957.9	50991.9	49401.7	47215.0	44467.5	38829.3	31526.6
-32.5°	38591.1	41411.1	43120.8	43693.7	43120.8	41411.1	38591.1	34702.6	29800.2	23977.6	17311.8
-35°	22338.1	24884.4	26425.7	26941.8	26425.7	24884.4	22338.1	18819.4	14370.8	9771.5	7024.8
-37.5°	8480.7	9520.4	10148.9	10359.2	10148.9	9520.4	8480.7	7041.5	5217.8	3027.8	2427.2
-40°	2586.4	2790.5	2913.7	2954.9	2913.7	2790.5	2586.4	2303.5	1944.4	1512.1	1292.9
-42.5°	1297.1	1336.6	1360.4	1368.4	1360.4	1336.6	1297.1	1242.3	1172.7	1088.7	1027.2
-45°	1023.8	1029.3	1032.6	1033.7	1032.6	1029.3	1023.8	1016.2	1006.5	994.8	978.6
-47.5°	962.3	973.8	980.7	983.0	980.7	973.8	962.3	946.3	926.0	901.3	872.6
-50°	834.2	852.6	863.6	867.3	863.6	852.6	834.2	808.7	776.1	736.7	690.6
-52.5°	629.4	649.5	661.6	665.6	661.6	649.5	629.4	601.5	565.8	522.6	472.0
-55°	404.9	415.8	422.4	424.6	422.4	415.8	404.9	389.7	370.3	346.8	319.2
-57.5°	270.7	276.5	279.9	281.1	279.9	276.5	270.7	262.7	252.4	240.0	225.4
-60°	193.8	196.1	197.4	197.9	197.4	196.1	193.8	190.6	186.6	181.6	175.8
-62.5°	158.8	160.3	161.3	161.6	161.3	160.3	158.8	156.6	153.8	150.4	146.4
-65°	132.0	133.0	133.7	133.9	133.7	133.0	132.0	130.5	128.6	126.2	123.5
-67.5°	111.3	112.1	112.6	112.8	112.6	112.1	111.3	110.2	108.7	107.0	104.9
-70°	93.5	94.2	94.6	94.7	94.6	94.2	93.5	92.6	91.5	90.1	88.4
-72.5°	77.1	77.8	78.3	78.4	78.3	77.8	77.1	76.1	74.8	73.2	71.4
-75°	56.6	57.1	57.3	57.4	57.3	57.1	56.6	56.1	55.3	54.4	53.3
-77.5°	42.5	42.8	42.9	43.0	42.9	42.8	42.5	42.0	41.5	40.9	40.1
-80°	30.2	30.4	30.6	30.6	30.6	30.4	30.2	30.0	29.6	29.2	28.6
-82.5°	19.9	20.0	20.1	20.1	20.1	20.0	19.9	19.7	19.5	19.2	18.9
-85°	11.4	11.5	11.5	11.5	11.5	11.5	11.4	11.3	11.2	11.1	11.0
-87.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.6	5.5	5.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.4	5.3	5.2	5.1	4.9	4.8	4.7	4.5	4.4	4.2	4.0
85°	10.8	10.6	10.4	10.2	9.9	9.7	9.4	9.1	8.8	8.4	8.1
82.5°	18.5	18.1	17.7	17.2	16.6	16.0	15.4	14.7	14.0	13.3	12.5
80°	28.0	27.4	26.6	25.8	24.9	24.0	22.9	21.9	20.7	19.6	18.6
77.5°	39.2	38.2	37.1	35.9	34.6	33.2	31.7	30.1	28.7	27.2	25.6
75°	52.1	50.7	49.1	47.4	45.6	43.6	41.7	39.8	37.7	35.6	33.3
72.5°	69.3	66.9	64.2	61.3	58.2	55.6	53.1	50.5	47.7	44.8	41.9
70°	86.5	84.4	82.0	79.4	76.1	72.2	68.1	63.7	59.0	55.1	51.6
67.5°	102.5	99.8	96.8	93.7	90.5	87.1	83.4	79.5	74.6	69.1	63.3
65°	120.4	116.9	113.0	109.3	105.3	101.1	96.5	92.0	87.5	82.7	77.5
62.5°	141.8	136.7	131.7	127.0	121.8	116.3	110.8	105.5	99.9	94.1	88.6
60°	169.2	161.8	155.5	148.6	141.2	133.4	127.0	120.1	113.0	106.5	99.8
57.5°	208.7	194.4	185.4	175.6	164.9	155.5	146.2	136.5	128.0	119.9	111.6
55°	287.7	264.5	241.9	217.3	194.8	182.4	169.2	156.8	145.7	134.1	124.8
52.5°	418.5	380.0	337.7	291.6	258.4	227.6	196.6	181.6	165.9	152.4	139.4
50°	632.7	562.6	485.4	410.9	357.2	299.9	256.9	219.9	190.6	173.1	156.4
47.5°	819.6	756.0	686.2	599.7	502.5	409.4	344.3	278.1	236.7	196.1	176.6
45°	943.3	903.8	855.7	774.1	686.7	579.8	462.8	374.3	298.2	245.2	197.9
42.5°	1010.4	991.8	956.5	906.3	841.5	742.1	632.1	501.5	389.4	305.6	245.2
40°	1173.2	1040.5	1012.8	989.2	939.5	878.7	775.8	658.5	514.4	389.4	298.2
37.5°	1814.4	1319.6	1164.1	1028.1	1001.2	959.8	891.9	787.2	658.5	501.5	374.3
35°	3936.8	2436.2	1645.5	1248.2	1058.7	1007.3	966.6	891.9	775.8	632.1	462.8
32.5°	10129.5	6469.5	2860.5	1955.9	1290.7	1079.4	1007.3	959.8	878.7	742.1	579.8
30°	23417.3	14604.0	8019.7	3518.2	2060.4	1290.7	1058.7	1001.2	939.5	841.5	686.7
27.5°	36736.9	27168.9	17022.9	8541.8	3518.2	1955.9	1248.2	1028.1	989.2	906.3	774.1
25°	46756.8	39392.5	28446.5	17022.9	8019.7	2860.5	1645.5	1164.1	1012.8	956.5	855.7
22.5°	52482.7	47473.5	39392.5	27168.9	14604.0	6469.5	2436.2	1319.6	1040.5	991.8	903.8
20°	53922.6	52482.7	46756.8	36736.9	23417.3	10129.5	3936.8	1814.4	1173.2	1010.4	943.3
17.5°	55243.5	53733.7	51628.6	44637.2	31526.6	17311.8	7024.8	2427.2	1292.9	1027.2	978.6
15°	56544.6	54858.5	53176.5	48701.2	38829.3	23977.6	9771.5	3027.8	1512.1	1088.7	994.8
12.5°	58334.3	55841.9	54103.0	52266.0	44467.5	29800.2	14370.8	5217.8	1944.4	1172.7	1006.5
10°	60209.0	56935.1	54872.5	52994.1	47215.0	34702.6	18819.4	7041.5	2303.5	1242.3	1016.2
7.5°	62838.7	58063.2	55485.3	53566.3	49401.7	38591.1	22338.1	8480.7	2586.4	1297.1	1023.8
5°	64792.5	58895.0	55934.4	53983.8	50991.9	41411.1	24884.4	9520.4	2790.5	1336.6	1029.3
2.5°	65998.1	59405.2	56208.8	54238.1	51957.9	43120.8	26425.7	10148.9	2913.7	1360.4	1032.6
0°	66405.9	59577.3	56301.1	54323.5	52281.9	43693.7	26941.8	10359.2	2954.9	1368.4	1033.7
-2.5°	65998.1	59405.2	56208.8	54238.1	51957.9	43120.8	26425.7	10148.9	2913.7	1360.4	1032.6
-5°	64792.5	58895.0	55934.4	53983.8	50991.9	41411.1	24884.4	9520.4	2790.5	1336.6	1029.3
-7.5°	62838.7	58063.2	55485.3	53566.3	49401.7	38591.1	22338.1	8480.7	2586.4	1297.1	1023.8
-10°	60209.0	56935.1	54872.5	52994.1	47215.0	34702.6	18819.4	7041.5	2303.5	1242.3	1016.2
-12.5°	58334.3	55841.9	54103.0	52266.0	44467.5	29800.2	14370.8	5217.8	1944.4	1172.7	1006.5
-15°	56544.6	54858.5	53176.5	48701.2	38829.3	23977.6	9771.5	3027.8	1512.1	1088.7	994.8
-17.5°	55243.5	53733.7	51628.6	44637.2	31526.6	17311.8	7024.8	2427.2	1292.9	1027.2	978.6
-20°	53922.6	52482.7	46756.8	36736.9	23417.3	10129.5	3936.8	1814.4	1173.2	1010.4	943.3



REPORT NUMBER: P1306562 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-57-70-5R-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	52482.7	47473.5	39392.5	27168.9	14604.0	6469.5	2436.2	1319.6	1040.5	991.8	903.8
-25°	46756.8	39392.5	28446.5	17022.9	8019.7	2860.5	1645.5	1164.1	1012.8	956.5	855.7
-27.5°	36736.9	27168.9	17022.9	8541.8	3518.2	1955.9	1248.2	1028.1	989.2	906.3	774.1
-30°	23417.3	14604.0	8019.7	3518.2	2060.4	1290.7	1058.7	1001.2	939.5	841.5	686.7
-32.5°	10129.5	6469.5	2860.5	1955.9	1290.7	1079.4	1007.3	959.8	878.7	742.1	579.8
-35°	3936.8	2436.2	1645.5	1248.2	1058.7	1007.3	966.6	891.9	775.8	632.1	462.8
-37.5°	1814.4	1319.6	1164.1	1028.1	1001.2	959.8	891.9	787.2	658.5	501.5	374.3
-40°	1173.2	1040.5	1012.8	989.2	939.5	878.7	775.8	658.5	514.4	389.4	298.2
-42.5°	1010.4	991.8	956.5	906.3	841.5	742.1	632.1	501.5	389.4	305.6	245.2
-45°	943.3	903.8	855.7	774.1	686.7	579.8	462.8	374.3	298.2	245.2	197.9
-47.5°	819.6	756.0	686.2	599.7	502.5	409.4	344.3	278.1	236.7	196.1	176.6
-50°	632.7	562.6	485.4	410.9	357.2	299.9	256.9	219.9	190.6	173.1	156.4
-52.5°	418.5	380.0	337.7	291.6	258.4	227.6	196.6	181.6	165.9	152.4	139.4
-55°	287.7	264.5	241.9	217.3	194.8	182.4	169.2	156.8	145.7	134.1	124.8
-57.5°	208.7	194.4	185.4	175.6	164.9	155.5	146.2	136.5	128.0	119.9	111.6
-60°	169.2	161.8	155.5	148.6	141.2	133.4	127.0	120.1	113.0	106.5	99.8
-62.5°	141.8	136.7	131.7	127.0	121.8	116.3	110.8	105.5	99.9	94.1	88.6
-65°	120.4	116.9	113.0	109.3	105.3	101.1	96.5	92.0	87.5	82.7	77.5
-67.5°	102.5	99.8	96.8	93.7	90.5	87.1	83.4	79.5	74.6	69.1	63.3
-70°	86.5	84.4	82.0	79.4	76.1	72.2	68.1	63.7	59.0	55.1	51.6
-72.5°	69.3	66.9	64.2	61.3	58.2	55.6	53.1	50.5	47.7	44.8	41.9
-75°	52.1	50.7	49.1	47.4	45.6	43.6	41.7	39.8	37.7	35.6	33.3
-77.5°	39.2	38.2	37.1	35.9	34.6	33.2	31.7	30.1	28.7	27.2	25.6
-80°	28.0	27.4	26.6	25.8	24.9	24.0	22.9	21.9	20.7	19.6	18.6
-82.5°	18.5	18.1	17.7	17.2	16.6	16.0	15.4	14.7	14.0	13.3	12.5
-85°	10.8	10.6	10.4	10.2	9.9	9.7	9.4	9.1	8.8	8.4	8.1
-87.5°	5.4	5.3	5.2	5.1	4.9	4.8	4.7	4.5	4.4	4.2	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: P1306562 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-57-70-5R-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°	3.9	3.7	3.5	3.3	3.1	2.8	2.6	2.4	2.2	1.9	1.7
85°	7.7	7.4	7.0	6.5	6.1	5.7	5.3	4.8	4.4	3.9	3.4
82.5°	11.7	11.1	10.5	9.9	9.2	8.6	7.9	7.2	6.5	5.8	5.1
80°	17.5	16.3	15.2	14.0	12.7	11.5	10.6	9.7	8.7	7.8	6.8
77.5°	23.9	22.2	20.4	18.8	17.3	15.7	14.0	12.4	10.9	9.7	8.6
75°	30.9	28.8	26.7	24.5	22.2	19.9	17.9	15.9	13.9	11.8	10.3
72.5°	39.1	36.3	33.3	30.3	27.7	24.9	22.1	19.4	17.0	14.6	12.1
70°	48.0	44.2	40.6	37.1	33.5	30.0	26.8	23.5	20.2	17.4	14.6
67.5°	57.3	53.0	48.6	44.0	39.9	35.7	31.5	27.7	24.0	20.2	17.0
65°	70.8	63.8	56.9	51.8	46.6	41.5	36.8	32.0	27.7	23.5	19.4
62.5°	82.8	76.4	68.5	60.4	53.7	47.9	42.1	36.8	31.5	26.8	22.1
60°	93.0	86.5	79.8	71.4	62.3	54.4	47.9	41.5	35.7	30.0	24.9
57.5°	104.0	96.2	88.8	81.3	72.3	62.3	53.7	46.6	39.9	33.5	27.7
55°	115.3	106.5	97.9	89.5	81.3	71.4	60.4	51.8	44.0	37.1	30.3
52.5°	127.9	117.3	107.4	97.9	88.8	79.8	68.5	56.9	48.6	40.6	33.3
50°	142.1	128.9	117.3	106.5	96.2	86.5	76.4	63.8	53.0	44.2	36.3
47.5°	157.8	142.1	127.9	115.3	104.0	93.0	82.8	70.8	57.3	48.0	39.1
45°	176.6	156.4	139.4	124.8	111.6	99.8	88.6	77.5	63.3	51.6	41.9
42.5°	196.1	173.1	152.4	134.1	119.9	106.5	94.1	82.7	69.1	55.1	44.8
40°	236.7	190.6	165.9	145.7	128.0	113.0	99.9	87.5	74.6	59.0	47.7
37.5°	278.1	219.9	181.6	156.8	136.5	120.1	105.5	92.0	79.5	63.7	50.5
35°	344.3	256.9	196.6	169.2	146.2	127.0	110.8	96.5	83.4	68.1	53.1
32.5°	409.4	299.9	227.6	182.4	155.5	133.4	116.3	101.1	87.1	72.2	55.6
30°	502.5	357.2	258.4	194.8	164.9	141.2	121.8	105.3	90.5	76.1	58.2
27.5°	599.7	410.9	291.6	217.3	175.6	148.6	127.0	109.3	93.7	79.4	61.3
25°	686.2	485.4	337.7	241.9	185.4	155.5	131.7	113.0	96.8	82.0	64.2
22.5°	756.0	562.6	380.0	264.5	194.4	161.8	136.7	116.9	99.8	84.4	66.9
20°	819.6	632.7	418.5	287.7	208.7	169.2	141.8	120.4	102.5	86.5	69.3
17.5°	872.6	690.6	472.0	319.2	225.4	175.8	146.4	123.5	104.9	88.4	71.4
15°	901.3	736.7	522.6	346.8	240.0	181.6	150.4	126.2	107.0	90.1	73.2
12.5°	926.0	776.1	565.8	370.3	252.4	186.6	153.8	128.6	108.7	91.5	74.8
10°	946.3	808.7	601.5	389.7	262.7	190.6	156.6	130.5	110.2	92.6	76.1
7.5°	962.3	834.2	629.4	404.9	270.7	193.8	158.8	132.0	111.3	93.5	77.1
5°	973.8	852.6	649.5	415.8	276.5	196.1	160.3	133.0	112.1	94.2	77.8
2.5°	980.7	863.6	661.6	422.4	279.9	197.4	161.3	133.7	112.6	94.6	78.3
0°	983.0	867.3	665.6	424.6	281.1	197.9	161.6	133.9	112.8	94.7	78.4
-2.5°	980.7	863.6	661.6	422.4	279.9	197.4	161.3	133.7	112.6	94.6	78.3
-5°	973.8	852.6	649.5	415.8	276.5	196.1	160.3	133.0	112.1	94.2	77.8
-7.5°	962.3	834.2	629.4	404.9	270.7	193.8	158.8	132.0	111.3	93.5	77.1
-10°	946.3	808.7	601.5	389.7	262.7	190.6	156.6	130.5	110.2	92.6	76.1
-12.5°	926.0	776.1	565.8	370.3	252.4	186.6	153.8	128.6	108.7	91.5	74.8
-15°	901.3	736.7	522.6	346.8	240.0	181.6	150.4	126.2	107.0	90.1	73.2
-17.5°	872.6	690.6	472.0	319.2	225.4	175.8	146.4	123.5	104.9	88.4	71.4
-20°	819.6	632.7	418.5	287.7	208.7	169.2	141.8	120.4	102.5	86.5	69.3



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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°	756.0	562.6	380.0	264.5	194.4	161.8	136.7	116.9	99.8	84.4	66.9
-25°	686.2	485.4	337.7	241.9	185.4	155.5	131.7	113.0	96.8	82.0	64.2
-27.5°	599.7	410.9	291.6	217.3	175.6	148.6	127.0	109.3	93.7	79.4	61.3
-30°	502.5	357.2	258.4	194.8	164.9	141.2	121.8	105.3	90.5	76.1	58.2
-32.5°	409.4	299.9	227.6	182.4	155.5	133.4	116.3	101.1	87.1	72.2	55.6
-35°	344.3	256.9	196.6	169.2	146.2	127.0	110.8	96.5	83.4	68.1	53.1
-37.5°	278.1	219.9	181.6	156.8	136.5	120.1	105.5	92.0	79.5	63.7	50.5
-40°	236.7	190.6	165.9	145.7	128.0	113.0	99.9	87.5	74.6	59.0	47.7
-42.5°	196.1	173.1	152.4	134.1	119.9	106.5	94.1	82.7	69.1	55.1	44.8
-45°	176.6	156.4	139.4	124.8	111.6	99.8	88.6	77.5	63.3	51.6	41.9
-47.5°	157.8	142.1	127.9	115.3	104.0	93.0	82.8	70.8	57.3	48.0	39.1
-50°	142.1	128.9	117.3	106.5	96.2	86.5	76.4	63.8	53.0	44.2	36.3
-52.5°	127.9	117.3	107.4	97.9	88.8	79.8	68.5	56.9	48.6	40.6	33.3
-55°	115.3	106.5	97.9	89.5	81.3	71.4	60.4	51.8	44.0	37.1	30.3
-57.5°	104.0	96.2	88.8	81.3	72.3	62.3	53.7	46.6	39.9	33.5	27.7
-60°	93.0	86.5	79.8	71.4	62.3	54.4	47.9	41.5	35.7	30.0	24.9
-62.5°	82.8	76.4	68.5	60.4	53.7	47.9	42.1	36.8	31.5	26.8	22.1
-65°	70.8	63.8	56.9	51.8	46.6	41.5	36.8	32.0	27.7	23.5	19.4
-67.5°	57.3	53.0	48.6	44.0	39.9	35.7	31.5	27.7	24.0	20.2	17.0
-70°	48.0	44.2	40.6	37.1	33.5	30.0	26.8	23.5	20.2	17.4	14.6
-72.5°	39.1	36.3	33.3	30.3	27.7	24.9	22.1	19.4	17.0	14.6	12.1
-75°	30.9	28.8	26.7	24.5	22.2	19.9	17.9	15.9	13.9	11.8	10.3
-77.5°	23.9	22.2	20.4	18.8	17.3	15.7	14.0	12.4	10.9	9.7	8.6
-80°	17.5	16.3	15.2	14.0	12.7	11.5	10.6	9.7	8.7	7.8	6.8
-82.5°	11.7	11.1	10.5	9.9	9.2	8.6	7.9	7.2	6.5	5.8	5.1
-85°	7.7	7.4	7.0	6.5	6.1	5.7	5.3	4.8	4.4	3.9	3.4
-87.5°	3.9	3.7	3.5	3.3	3.1	2.8	2.6	2.4	2.2	1.9	1.7
-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°	1.5	1.2	1.0	0.7	0.5	0.2	0.0
85°	2.9	2.5	2.0	1.5	1.0	0.5	0.0
82.5°	4.4	3.7	3.0	2.2	1.5	0.7	0.0
80°	5.9	4.9	3.9	3.0	2.0	1.0	0.0
77.5°	7.4	6.1	4.9	3.7	2.5	1.2	0.0
75°	8.8	7.4	5.9	4.4	2.9	1.5	0.0
72.5°	10.3	8.6	6.8	5.1	3.4	1.7	0.0
70°	11.8	9.7	7.8	5.8	3.9	1.9	0.0
67.5°	13.9	10.9	8.7	6.5	4.4	2.2	0.0
65°	15.9	12.4	9.7	7.2	4.8	2.4	0.0
62.5°	17.9	14.0	10.6	7.9	5.3	2.6	0.0
60°	19.9	15.7	11.5	8.6	5.7	2.8	0.0
57.5°	22.2	17.3	12.7	9.2	6.1	3.1	0.0
55°	24.5	18.8	14.0	9.9	6.5	3.3	0.0
52.5°	26.7	20.4	15.2	10.5	7.0	3.5	0.0
50°	28.8	22.2	16.3	11.1	7.4	3.7	0.0
47.5°	30.9	23.9	17.5	11.7	7.7	3.9	0.0
45°	33.3	25.6	18.6	12.5	8.1	4.0	0.0
42.5°	35.6	27.2	19.6	13.3	8.4	4.2	0.0
40°	37.7	28.7	20.7	14.0	8.8	4.4	0.0
37.5°	39.8	30.1	21.9	14.7	9.1	4.5	0.0
35°	41.7	31.7	22.9	15.4	9.4	4.7	0.0
32.5°	43.6	33.2	24.0	16.0	9.7	4.8	0.0
30°	45.6	34.6	24.9	16.6	9.9	4.9	0.0
27.5°	47.4	35.9	25.8	17.2	10.2	5.1	0.0
25°	49.1	37.1	26.6	17.7	10.4	5.2	0.0
22.5°	50.7	38.2	27.4	18.1	10.6	5.3	0.0
20°	52.1	39.2	28.0	18.5	10.8	5.4	0.0
17.5°	53.3	40.1	28.6	18.9	11.0	5.4	0.0
15°	54.4	40.9	29.2	19.2	11.1	5.5	0.0
12.5°	55.3	41.5	29.6	19.5	11.2	5.6	0.0
10°	56.1	42.0	30.0	19.7	11.3	5.6	0.0
7.5°	56.6	42.5	30.2	19.9	11.4	5.7	0.0
5°	57.1	42.8	30.4	20.0	11.5	5.7	0.0
2.5°	57.3	42.9	30.6	20.1	11.5	5.7	0.0
0°	57.4	43.0	30.6	20.1	11.5	5.7	0.0
-2.5°	57.3	42.9	30.6	20.1	11.5	5.7	0.0
-5°	57.1	42.8	30.4	20.0	11.5	5.7	0.0
-7.5°	56.6	42.5	30.2	19.9	11.4	5.7	0.0
-10°	56.1	42.0	30.0	19.7	11.3	5.6	0.0
-12.5°	55.3	41.5	29.6	19.5	11.2	5.6	0.0
-15°	54.4	40.9	29.2	19.2	11.1	5.5	0.0
-17.5°	53.3	40.1	28.6	18.9	11.0	5.4	0.0
-20°	52.1	39.2	28.0	18.5	10.8	5.4	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	50.7	38.2	27.4	18.1	10.6	5.3	0.0
-25°	49.1	37.1	26.6	17.7	10.4	5.2	0.0
-27.5°	47.4	35.9	25.8	17.2	10.2	5.1	0.0
-30°	45.6	34.6	24.9	16.6	9.9	4.9	0.0
-32.5°	43.6	33.2	24.0	16.0	9.7	4.8	0.0
-35°	41.7	31.7	22.9	15.4	9.4	4.7	0.0
-37.5°	39.8	30.1	21.9	14.7	9.1	4.5	0.0
-40°	37.7	28.7	20.7	14.0	8.8	4.4	0.0
-42.5°	35.6	27.2	19.6	13.3	8.4	4.2	0.0
-45°	33.3	25.6	18.6	12.5	8.1	4.0	0.0
-47.5°	30.9	23.9	17.5	11.7	7.7	3.9	0.0
-50°	28.8	22.2	16.3	11.1	7.4	3.7	0.0
-52.5°	26.7	20.4	15.2	10.5	7.0	3.5	0.0
-55°	24.5	18.8	14.0	9.9	6.5	3.3	0.0
-57.5°	22.2	17.3	12.7	9.2	6.1	3.1	0.0
-60°	19.9	15.7	11.5	8.6	5.7	2.8	0.0
-62.5°	17.9	14.0	10.6	7.9	5.3	2.6	0.0
-65°	15.9	12.4	9.7	7.2	4.8	2.4	0.0
-67.5°	13.9	10.9	8.7	6.5	4.4	2.2	0.0
-70°	11.8	9.7	7.8	5.8	3.9	1.9	0.0
-72.5°	10.3	8.6	6.8	5.1	3.4	1.7	0.0
-75°	8.8	7.4	5.9	4.4	2.9	1.5	0.0
-77.5°	7.4	6.1	4.9	3.7	2.5	1.2	0.0
-80°	5.9	4.9	3.9	3.0	2.0	1.0	0.0
-82.5°	4.4	3.7	3.0	2.2	1.5	0.7	0.0
-85°	2.9	2.5	2.0	1.5	1.0	0.5	0.0
-87.5°	1.5	1.2	1.0	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)