

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: P1306554 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS16-1200R-57-70-2R-A**

Issue Date: 2/3/2026

**Test Information**

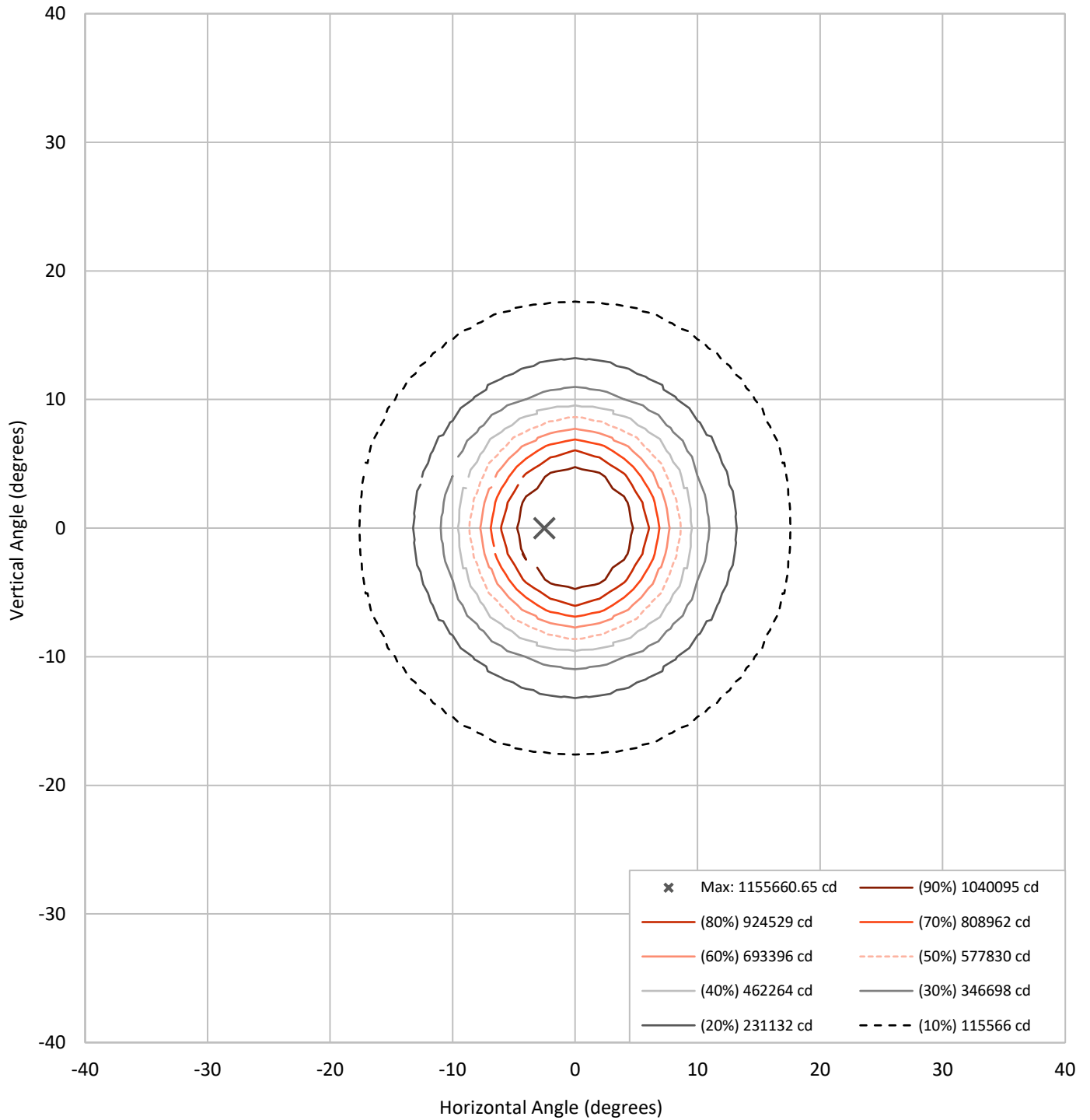
Test Method: LM-79-08  
Report Number: P1306554 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHESUS  
Catalog Number: EPH-LS16-1200R-57-70-2R-A  
Description: EPHESUS LUMASPORT 16 LUMINAIRE  
(16) 5700K, 70 CRI LEDS AND 2R BEAM SHAPE  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	183107 lumens	Max Intensity:	1155660.6 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	149.7 lumens/watt		
Luminous Opening:	Circular (Dia: 1.67' x H: 0')		
Beam Angle (50%):	17.3°H x 16.4°V	Field Angle (10%):	34.8°H x 34.6°V
Beam Lumens:	57145.2 lumens	Field Lumens:	116866.6 lumens
Beam Efficiency:	31.2%	Field Efficiency:	63.8%
Input Watts (W):	1223		
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





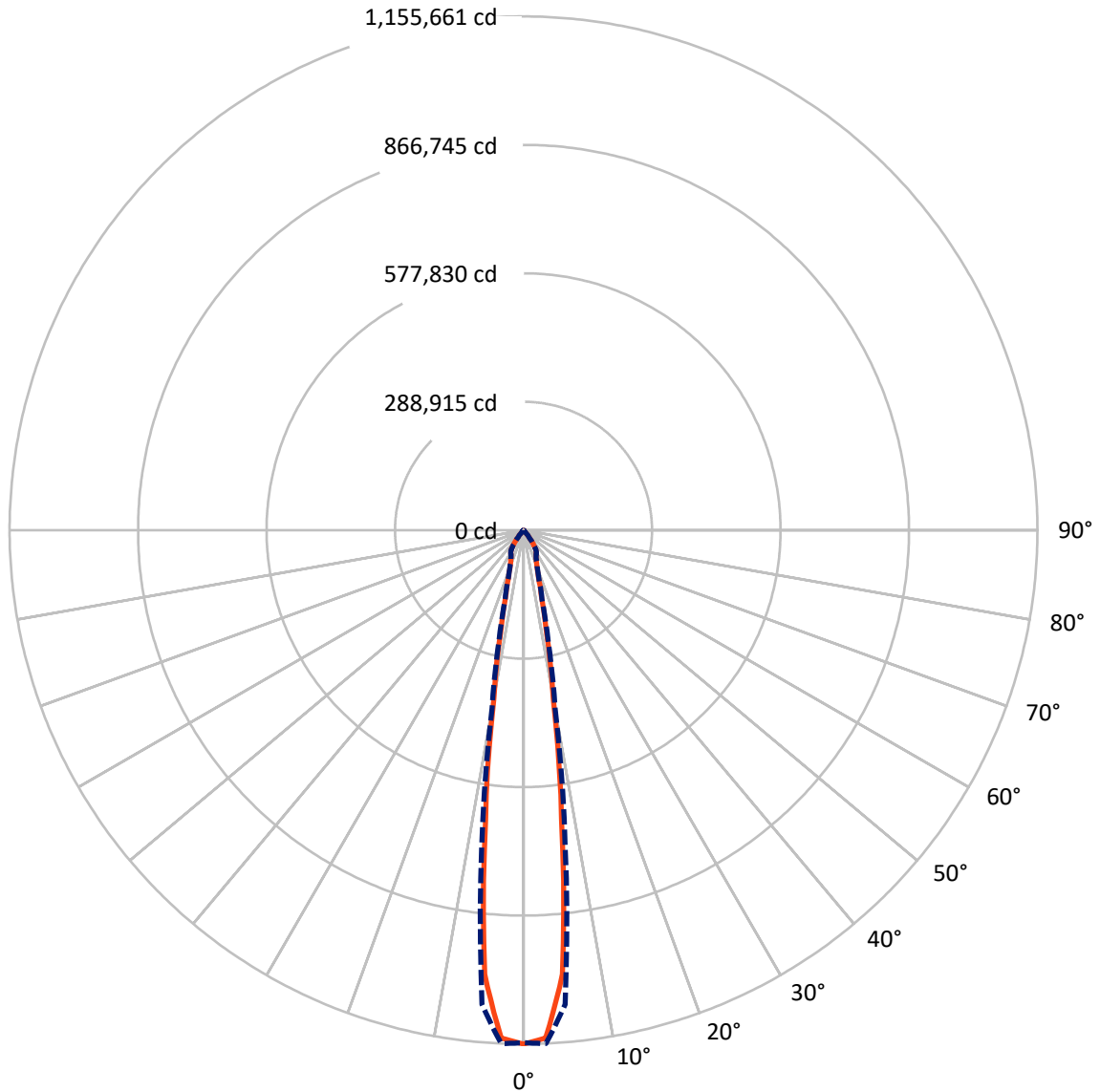
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### Lumen Table

90	0.3	1.4	2.9	4.4	5.0	4.4	2.9	1.4	0.3							
80	0.3	1.4	2.9	4.4	5.0	4.4	2.9	1.4	0.3							
70	0.6	0.5	1.0	1.5	2.3	3.8	5.6	6.6	6.6	5.6	3.8	2.3	1.5	1.0	0.5	0.6
60		0.7	1.4	3.7	8.2	11.7	14.3	15.8	15.8	14.3	11.7	8.2	3.7	1.4	0.7	
50	0.8	0.9	3.0	8.5	13.4	22.0	48.6	85.6	85.6	48.6	22.0	13.4	8.5	3.0	0.9	0.8
40		1.2	5.8	11.6	30.7	221.2	704.7	1063.2	1063.2	704.7	221.2	30.7	11.6	5.8	1.2	
30	1.0	1.8	7.5	17.3	202.3	1039.6	1715.3	2044.1	2044.1	1715.3	1039.6	202.3	17.3	7.5	1.8	1.0
20		2.6	8.6	36.5	606.5	1611.7	2598.3	4945.4	4945.4	2598.3	1611.7	606.5	36.5	8.6	2.6	
10	1.1	2.9	9.2	63.0	885.7	1864.2	4815.3	20986.9	20986.9	4815.3	1864.2	885.7	63.0	9.2	2.9	1.1
0		2.9	9.2	63.0	885.7	1864.2	4815.3	20986.9	20986.9	4815.3	1864.2	885.7	63.0	9.2	2.9	
-10	1.0	2.6	8.6	36.5	606.5	1611.7	2598.3	4945.4	4945.4	2598.3	1611.7	606.5	36.5	8.6	2.6	1.0
-20		1.8	7.5	17.3	202.3	1039.6	1715.3	2044.1	2044.1	1715.3	1039.6	202.3	17.3	7.5	1.8	
-30	0.8	1.2	5.8	11.6	30.7	221.2	704.7	1063.2	1063.2	704.7	221.2	30.7	11.6	5.8	1.2	0.8
-40		0.9	3.0	8.5	13.4	22.0	48.6	85.6	85.6	48.6	22.0	13.4	8.5	3.0	0.9	
-50	0.6	0.7	1.4	3.7	8.2	11.7	14.3	15.8	15.8	14.3	11.7	8.2	3.7	1.4	0.7	0.6
-60		0.5	1.0	1.5	2.3	3.8	5.6	6.6	6.6	5.6	3.8	2.3	1.5	1.0	0.5	
-70	0.3	1.4	2.9	4.4	5.0	4.4	2.9	1.4	0.3							
-80		0.3	1.4	2.9	4.4	5.0	4.4	2.9	1.4	0.3						
-90	0.3	1.4	2.9	4.4	5.0	4.4	2.9	1.4	0.3							

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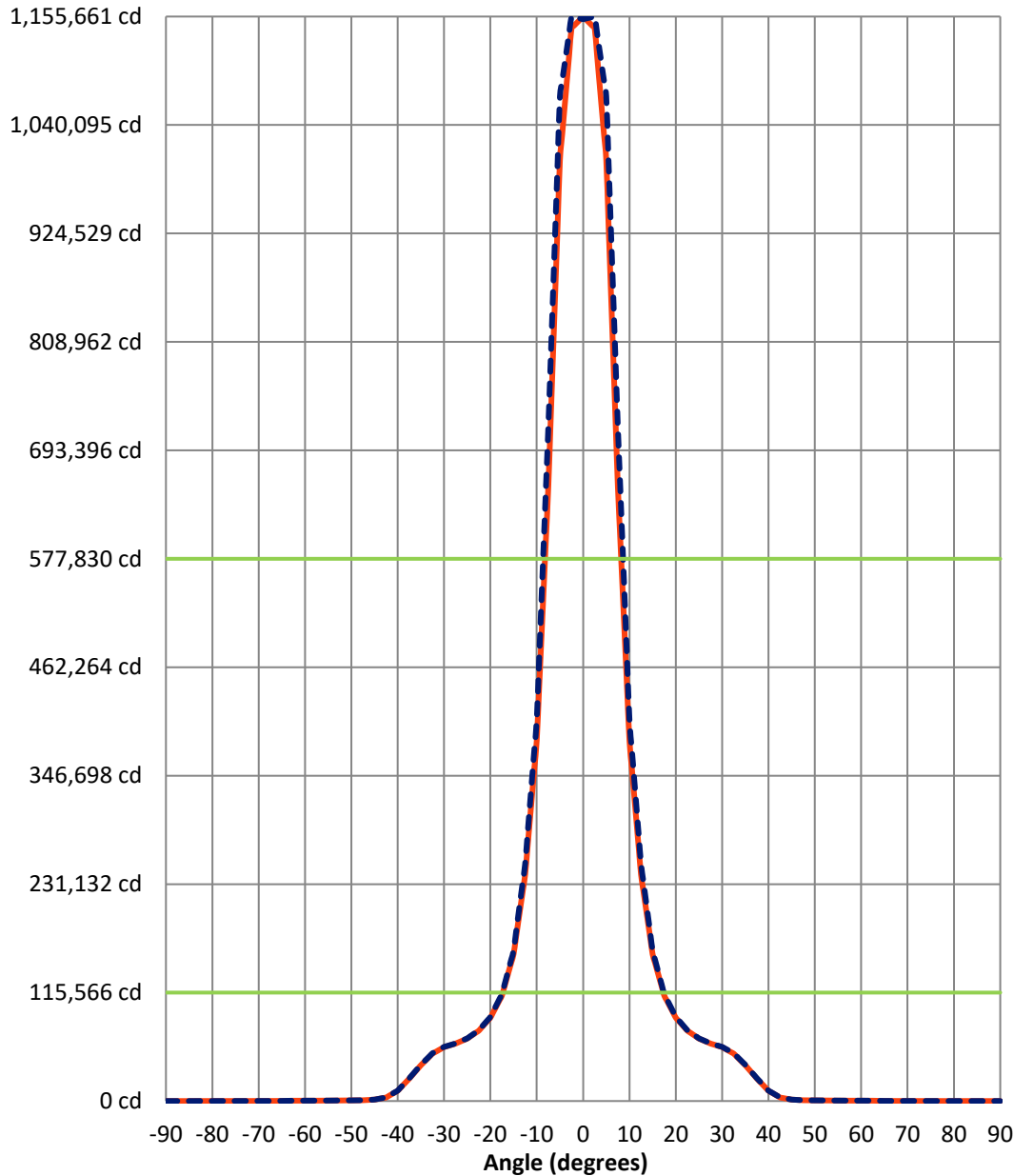
### Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg      - - - Horizontal Distribution Through 0-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 17.3°  
 V Angle: 16.4°  
 Lumens: 57145.2  
 Efficiency: 31.2%

**Field:**  
 H Angle: 34.8°  
 V Angle: 34.6°  
 Lumens: 116866.6  
 Efficiency: 63.8%

**Spill:**  
 Lumens: 66240.4  
 Efficiency: 36.2%

— Vertical Distribution through -2.5-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	0.9	1.7	2.6	3.4	4.2	5.1	5.9	6.7	7.5	8.3
85°	0.0	1.7	3.4	5.1	6.8	8.5	10.1	11.8	13.4	15.0	16.5
82.5°	0.0	2.6	5.1	7.7	10.2	12.7	15.2	17.6	19.6	19.6	19.6
80°	0.0	3.4	6.8	10.2	13.5	16.9	19.6	19.6	19.6	19.6	19.6
77.5°	0.0	4.2	8.5	12.7	16.9	19.6	19.6	19.6	19.6	19.6	20.6
75°	0.0	5.1	10.1	15.2	19.6	19.6	19.6	19.6	19.9	22.3	24.6
72.5°	0.0	5.9	11.8	17.6	19.6	19.6	19.6	20.3	23.1	25.9	28.6
70°	0.0	6.7	13.4	19.6	19.6	19.6	19.9	23.1	26.3	29.5	32.6
67.5°	0.0	7.5	15.0	19.6	19.6	19.6	22.3	25.9	29.5	33.0	36.6
65°	0.0	8.3	16.5	19.6	19.6	20.6	24.6	28.6	32.6	36.6	40.4
62.5°	0.0	9.0	18.1	19.6	19.6	22.5	26.9	31.3	35.7	40.0	44.2
60°	0.0	9.8	19.6	19.6	19.6	24.4	29.1	33.9	38.7	43.3	47.9
57.5°	0.0	10.5	19.6	19.6	21.0	26.2	31.4	36.5	41.6	46.6	51.5
55°	0.0	11.2	19.6	19.6	22.4	28.0	33.5	39.0	44.4	49.8	55.1
52.5°	0.0	11.9	19.6	19.6	23.8	29.7	35.6	41.4	47.2	52.9	58.5
50°	0.0	12.6	19.6	19.6	25.1	31.4	37.6	43.8	49.9	55.9	61.9
47.5°	0.0	13.2	19.6	19.8	26.4	33.0	39.6	46.0	52.5	58.8	65.1
45°	0.0	13.9	19.6	20.8	27.6	34.6	41.4	48.2	55.0	61.6	68.3
42.5°	0.0	14.4	19.6	21.6	28.8	36.1	43.2	50.3	57.4	64.3	73.8
40°	0.0	15.0	19.6	22.5	30.0	37.5	44.9	52.3	59.6	66.9	79.6
37.5°	0.0	15.5	19.6	23.3	31.1	38.9	46.5	54.2	61.8	70.1	85.1
35°	0.0	16.1	19.6	24.1	32.1	40.1	48.1	56.0	63.9	74.7	89.3
32.5°	0.0	16.5	19.6	24.8	33.0	41.3	49.5	57.7	65.8	79.1	91.8
30°	0.0	17.0	19.6	25.4	34.0	42.4	50.9	59.3	67.6	83.2	94.1
27.5°	0.0	17.4	19.6	26.1	34.8	43.5	52.1	60.7	70.0	87.1	96.2
25°	0.0	17.8	19.6	26.6	35.6	44.4	53.3	62.1	73.1	89.5	98.6
22.5°	0.0	18.1	19.6	27.2	36.3	45.3	54.3	63.3	75.9	91.1	109.5
20°	0.0	18.4	19.6	27.6	36.9	46.1	55.3	64.4	78.5	92.5	119.3
17.5°	0.0	18.7	19.6	28.0	37.4	46.8	56.1	65.4	80.8	93.8	128.0
15°	0.0	18.9	19.6	28.4	37.9	47.4	56.9	66.3	82.7	94.9	135.6
12.5°	0.0	19.1	19.6	28.7	38.4	47.9	57.5	67.0	84.4	95.9	142.1
10°	0.0	19.3	19.6	29.0	38.7	48.3	58.0	67.6	85.8	96.7	147.5
7.5°	0.0	19.4	19.6	29.1	39.0	48.7	58.4	68.1	86.9	97.3	151.6
5°	0.0	19.5	19.6	29.3	39.1	48.9	58.7	68.4	87.7	97.7	154.6
2.5°	0.0	19.6	19.6	29.4	39.3	49.1	58.8	68.6	88.1	98.0	156.4
0°	0.0	19.6	19.6	29.4	39.3	49.1	58.9	68.7	88.3	98.1	157.0
-2.5°	0.0	19.6	19.6	29.4	39.3	49.1	58.8	68.6	88.1	98.0	156.4
-5°	0.0	19.5	19.6	29.3	39.1	48.9	58.7	68.4	87.7	97.7	154.6
-7.5°	0.0	19.4	19.6	29.1	39.0	48.7	58.4	68.1	86.9	97.3	151.6
-10°	0.0	19.3	19.6	29.0	38.7	48.3	58.0	67.6	85.8	96.7	147.5
-12.5°	0.0	19.1	19.6	28.7	38.4	47.9	57.5	67.0	84.4	95.9	142.1
-15°	0.0	18.9	19.6	28.4	37.9	47.4	56.9	66.3	82.7	94.9	135.6
-17.5°	0.0	18.7	19.6	28.0	37.4	46.8	56.1	65.4	80.8	93.8	128.0
-20°	0.0	18.4	19.6	27.6	36.9	46.1	55.3	64.4	78.5	92.5	119.3



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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	18.1	19.6	27.2	36.3	45.3	54.3	63.3	75.9	91.1	109.5
-25°	0.0	17.8	19.6	26.6	35.6	44.4	53.3	62.1	73.1	89.5	98.6
-27.5°	0.0	17.4	19.6	26.1	34.8	43.5	52.1	60.7	70.0	87.1	96.2
-30°	0.0	17.0	19.6	25.4	34.0	42.4	50.9	59.3	67.6	83.2	94.1
-32.5°	0.0	16.5	19.6	24.8	33.0	41.3	49.5	57.7	65.8	79.1	91.8
-35°	0.0	16.1	19.6	24.1	32.1	40.1	48.1	56.0	63.9	74.7	89.3
-37.5°	0.0	15.5	19.6	23.3	31.1	38.9	46.5	54.2	61.8	70.1	85.1
-40°	0.0	15.0	19.6	22.5	30.0	37.5	44.9	52.3	59.6	66.9	79.6
-42.5°	0.0	14.4	19.6	21.6	28.8	36.1	43.2	50.3	57.4	64.3	73.8
-45°	0.0	13.9	19.6	20.8	27.6	34.6	41.4	48.2	55.0	61.6	68.3
-47.5°	0.0	13.2	19.6	19.8	26.4	33.0	39.6	46.0	52.5	58.8	65.1
-50°	0.0	12.6	19.6	19.6	25.1	31.4	37.6	43.8	49.9	55.9	61.9
-52.5°	0.0	11.9	19.6	19.6	23.8	29.7	35.6	41.4	47.2	52.9	58.5
-55°	0.0	11.2	19.6	19.6	22.4	28.0	33.5	39.0	44.4	49.8	55.1
-57.5°	0.0	10.5	19.6	19.6	21.0	26.2	31.4	36.5	41.6	46.6	51.5
-60°	0.0	9.8	19.6	19.6	19.6	24.4	29.1	33.9	38.7	43.3	47.9
-62.5°	0.0	9.0	18.1	19.6	19.6	22.5	26.9	31.3	35.7	40.0	44.2
-65°	0.0	8.3	16.5	19.6	19.6	20.6	24.6	28.6	32.6	36.6	40.4
-67.5°	0.0	7.5	15.0	19.6	19.6	19.6	22.3	25.9	29.5	33.0	36.6
-70°	0.0	6.7	13.4	19.6	19.6	19.6	19.9	23.1	26.3	29.5	32.6
-72.5°	0.0	5.9	11.8	17.6	19.6	19.6	19.6	20.3	23.1	25.9	28.6
-75°	0.0	5.1	10.1	15.2	19.6	19.6	19.6	19.6	19.9	22.3	24.6
-77.5°	0.0	4.2	8.5	12.7	16.9	19.6	19.6	19.6	19.6	19.6	20.6
-80°	0.0	3.4	6.8	10.2	13.5	16.9	19.6	19.6	19.6	19.6	19.6
-82.5°	0.0	2.6	5.1	7.7	10.2	12.7	15.2	17.6	19.6	19.6	19.6
-85°	0.0	1.7	3.4	5.1	6.8	8.5	10.1	11.8	13.4	15.0	16.5
-87.5°	0.0	0.9	1.7	2.6	3.4	4.2	5.1	5.9	6.7	7.5	8.3
-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°	9.0	9.8	10.5	11.2	11.9	12.6	13.2	13.9	14.4	15.0	15.5
85°	18.1	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
82.5°	19.6	19.6	19.6	19.6	19.6	19.6	19.8	20.8	21.6	22.5	23.3
80°	19.6	19.6	21.0	22.4	23.8	25.1	26.4	27.6	28.8	30.0	31.1
77.5°	22.5	24.4	26.2	28.0	29.7	31.4	33.0	34.6	36.1	37.5	38.9
75°	26.9	29.1	31.4	33.5	35.6	37.6	39.6	41.4	43.2	44.9	46.5
72.5°	31.3	33.9	36.5	39.0	41.4	43.8	46.0	48.2	50.3	52.3	54.2
70°	35.7	38.7	41.6	44.4	47.2	49.9	52.5	55.0	57.4	59.6	61.8
67.5°	40.0	43.3	46.6	49.8	52.9	55.9	58.8	61.6	64.3	66.9	70.1
65°	44.2	47.9	51.5	55.1	58.5	61.9	65.1	68.3	73.8	79.6	85.1
62.5°	48.4	52.4	56.4	60.3	64.1	67.8	74.0	80.9	87.5	91.1	94.1
60°	52.4	56.9	61.2	65.4	70.4	78.5	86.3	91.1	94.7	98.6	118.6
57.5°	56.4	61.2	65.9	72.2	81.2	89.1	93.3	97.4	117.8	140.6	177.9
55°	60.3	65.4	72.2	82.1	90.0	94.7	105.1	131.7	158.5	253.1	343.7
52.5°	64.1	70.4	81.2	90.0	95.2	110.7	140.2	201.8	307.6	386.2	399.0
50°	67.8	78.5	89.1	94.7	110.7	143.0	223.7	340.6	392.0	406.3	414.8
47.5°	74.0	86.3	93.3	105.1	140.2	223.7	351.7	394.9	410.7	416.8	421.6
45°	80.9	91.1	97.4	131.7	201.8	340.6	394.9	412.2	417.8	431.3	473.0
42.5°	87.5	94.7	117.8	158.5	307.6	392.0	410.7	417.8	435.4	481.3	538.0
40°	91.1	98.6	140.6	253.1	386.2	406.3	416.8	431.3	481.3	544.4	614.7
37.5°	94.1	118.6	177.9	343.7	399.0	414.8	421.6	473.0	538.0	614.7	683.3
35°	97.0	137.6	257.4	388.9	411.2	419.1	456.6	519.2	601.9	677.2	753.4
32.5°	108.0	155.6	332.7	399.6	415.7	432.3	492.2	576.3	659.2	738.8	828.2
30°	123.3	216.5	385.4	409.7	419.3	463.6	538.6	629.5	712.4	805.9	1111.2
27.5°	137.6	276.9	394.1	414.5	427.7	493.0	586.0	676.3	769.2	940.9	1491.6
25°	150.9	332.7	402.1	417.4	452.9	530.2	629.2	720.0	824.6	1274.8	2460.9
22.5°	179.7	382.8	409.4	420.0	476.1	567.9	666.6	766.5	978.2	1616.6	3523.2
20°	221.6	388.9	413.5	425.6	497.1	602.1	700.7	810.0	1241.6	2523.0	5903.6
17.5°	258.8	394.3	415.4	442.8	523.7	631.6	732.1	849.0	1478.7	3340.7	8716.1
15°	291.4	399.0	417.2	457.9	548.4	656.3	763.7	1019.9	1945.7	4516.4	11267.9
12.5°	319.1	403.0	418.6	470.8	569.5	677.4	790.9	1185.5	2519.6	6500.2	15163.2
10°	341.9	406.3	419.8	481.4	586.9	694.8	813.3	1322.6	2995.6	8148.6	18406.9
7.5°	359.7	408.9	420.8	489.7	600.5	708.5	831.0	1430.3	3369.9	9447.0	20966.9
5°	372.5	410.7	421.5	495.7	610.3	718.3	843.6	1507.8	3639.6	10383.5	22816.0
2.5°	380.1	411.8	421.9	499.3	616.2	724.2	851.3	1554.6	3802.3	10949.1	23933.9
0°	<b>382.7</b>	<b>412.2</b>	<b>422.0</b>	<b>500.5</b>	<b>618.2</b>	<b>726.2</b>	<b>853.8</b>	<b>1570.2</b>	<b>3856.7</b>	<b>11138.3</b>	<b>24308.0</b>
-2.5°	380.1	411.8	421.9	499.3	616.2	724.2	851.3	1554.6	3802.3	10949.1	23933.9
-5°	372.5	410.7	421.5	495.7	610.3	718.3	843.6	1507.8	3639.6	10383.5	22816.0
-7.5°	359.7	408.9	420.8	489.7	600.5	708.5	831.0	1430.3	3369.9	9447.0	20966.9
-10°	341.9	406.3	419.8	481.4	586.9	694.8	813.3	1322.6	2995.6	8148.6	18406.9
-12.5°	319.1	403.0	418.6	470.8	569.5	677.4	790.9	1185.5	2519.6	6500.2	15163.2
-15°	291.4	399.0	417.2	457.9	548.4	656.3	763.7	1019.9	1945.7	4516.4	11267.9
-17.5°	258.8	394.3	415.4	442.8	523.7	631.6	732.1	849.0	1478.7	3340.7	8716.1
-20°	221.6	388.9	413.5	425.6	497.1	602.1	700.7	810.0	1241.6	2523.0	5903.6



REPORT NUMBER: P1306554 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-57-70-2R-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	179.7	382.8	409.4	420.0	476.1	567.9	666.6	766.5	978.2	1616.6	3523.2
-25°	150.9	332.7	402.1	417.4	452.9	530.2	629.2	720.0	824.6	1274.8	2460.9
-27.5°	137.6	276.9	394.1	414.5	427.7	493.0	586.0	676.3	769.2	940.9	1491.6
-30°	123.3	216.5	385.4	409.7	419.3	463.6	538.6	629.5	712.4	805.9	1111.2
-32.5°	108.0	155.6	332.7	399.6	415.7	432.3	492.2	576.3	659.2	738.8	828.2
-35°	97.0	137.6	257.4	388.9	411.2	419.1	456.6	519.2	601.9	677.2	753.4
-37.5°	94.1	118.6	177.9	343.7	399.0	414.8	421.6	473.0	538.0	614.7	683.3
-40°	91.1	98.6	140.6	253.1	386.2	406.3	416.8	431.3	481.3	544.4	614.7
-42.5°	87.5	94.7	117.8	158.5	307.6	392.0	410.7	417.8	435.4	481.3	538.0
-45°	80.9	91.1	97.4	131.7	201.8	340.6	394.9	412.2	417.8	431.3	473.0
-47.5°	74.0	86.3	93.3	105.1	140.2	223.7	351.7	394.9	410.7	416.8	421.6
-50°	67.8	78.5	89.1	94.7	110.7	143.0	223.7	340.6	392.0	406.3	414.8
-52.5°	64.1	70.4	81.2	90.0	95.2	110.7	140.2	201.8	307.6	386.2	399.0
-55°	60.3	65.4	72.2	82.1	90.0	94.7	105.1	131.7	158.5	253.1	343.7
-57.5°	56.4	61.2	65.9	72.2	81.2	89.1	93.3	97.4	117.8	140.6	177.9
-60°	52.4	56.9	61.2	65.4	70.4	78.5	86.3	91.1	94.7	98.6	118.6
-62.5°	48.4	52.4	56.4	60.3	64.1	67.8	74.0	80.9	87.5	91.1	94.1
-65°	44.2	47.9	51.5	55.1	58.5	61.9	65.1	68.3	73.8	79.6	85.1
-67.5°	40.0	43.3	46.6	49.8	52.9	55.9	58.8	61.6	64.3	66.9	70.1
-70°	35.7	38.7	41.6	44.4	47.2	49.9	52.5	55.0	57.4	59.6	61.8
-72.5°	31.3	33.9	36.5	39.0	41.4	43.8	46.0	48.2	50.3	52.3	54.2
-75°	26.9	29.1	31.4	33.5	35.6	37.6	39.6	41.4	43.2	44.9	46.5
-77.5°	22.5	24.4	26.2	28.0	29.7	31.4	33.0	34.6	36.1	37.5	38.9
-80°	19.6	19.6	21.0	22.4	23.8	25.1	26.4	27.6	28.8	30.0	31.1
-82.5°	19.6	19.6	19.6	19.6	19.6	19.6	19.8	20.8	21.6	22.5	23.3
-85°	18.1	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
-87.5°	9.0	9.8	10.5	11.2	11.9	12.6	13.2	13.9	14.4	15.0	15.5
-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: P1306554 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-57-70-2R-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°	16.1	16.5	17.0	17.4	17.8	18.1	18.4	18.7	18.9	19.1	19.3
85°	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
82.5°	24.1	24.8	25.4	26.1	26.6	27.2	27.6	28.0	28.4	28.7	29.0
80°	32.1	33.0	34.0	34.8	35.6	36.3	36.9	37.4	37.9	38.4	38.7
77.5°	40.1	41.3	42.4	43.5	44.4	45.3	46.1	46.8	47.4	47.9	48.3
75°	48.1	49.5	50.9	52.1	53.3	54.3	55.3	56.1	56.9	57.5	58.0
72.5°	56.0	57.7	59.3	60.7	62.1	63.3	64.4	65.4	66.3	67.0	67.6
70°	63.9	65.8	67.6	70.0	73.1	75.9	78.5	80.8	82.7	84.4	85.8
67.5°	74.7	79.1	83.2	87.1	89.5	91.1	92.5	93.8	94.9	95.9	96.7
65°	89.3	91.8	94.1	96.2	98.6	109.5	119.3	128.0	135.6	142.1	147.5
62.5°	97.0	108.0	123.3	137.6	150.9	179.7	221.6	258.8	291.4	319.1	341.9
60°	137.6	155.6	216.5	276.9	332.7	382.8	388.9	394.3	399.0	403.0	406.3
57.5°	257.4	332.7	385.4	394.1	402.1	409.4	413.5	415.4	417.2	418.6	419.8
55°	388.9	399.6	409.7	414.5	417.4	420.0	425.6	442.8	457.9	470.8	481.4
52.5°	411.2	415.7	419.3	427.7	452.9	476.1	497.1	523.7	548.4	569.5	586.9
50°	419.1	432.3	463.6	493.0	530.2	567.9	602.1	631.6	656.3	677.4	694.8
47.5°	456.6	492.2	538.6	586.0	629.2	666.6	700.7	732.1	763.7	790.9	813.3
45°	519.2	576.3	629.5	676.3	720.0	766.5	810.0	849.0	1019.9	1185.5	1322.6
42.5°	601.9	659.2	712.4	769.2	824.6	978.2	1241.6	1478.7	1945.7	2519.6	2995.6
40°	677.2	738.8	805.9	940.9	1274.8	1616.6	2523.0	3340.7	4516.4	6500.2	8148.6
37.5°	753.4	828.2	1111.2	1491.6	2460.9	3523.2	5903.6	8716.1	11267.9	15163.2	18406.9
35°	835.7	1197.3	1740.9	3035.2	5128.3	8757.8	12884.8	18377.3	23262.6	27769.4	31607.8
32.5°	1197.3	1882.6	3326.1	6553.3	10704.8	17389.5	23899.5	30307.0	36058.5	40714.2	44312.7
30°	1740.9	3326.1	7032.6	12140.2	20146.9	27970.6	35575.1	41981.5	47341.8	51524.2	53696.8
27.5°	3035.2	6553.3	12140.2	21075.5	30057.7	38782.8	45805.9	51658.4	54872.0	57690.8	58997.3
25°	5128.3	10704.8	20146.9	30057.7	39720.6	47755.2	53334.5	57186.7	59328.7	61012.1	62911.2
22.5°	8757.8	17389.5	27970.6	38782.8	47755.2	53901.2	58068.1	60341.1	62872.9	65557.0	68477.5
20°	12884.8	23899.5	35575.1	45805.9	53334.5	58068.1	60684.4	63923.9	67450.5	72157.5	76742.8
17.5°	18377.3	30307.0	41981.5	51658.4	57186.7	60341.1	63923.9	68350.2	74065.4	81736.0	89213.7
15°	23262.6	36058.5	47341.8	54872.0	59328.7	62872.9	67450.5	74065.4	83448.6	95206.3	109597.7
12.5°	27769.4	40714.2	51524.2	57690.8	61012.1	65557.0	72157.5	81736.0	95206.3	113093.1	142548.7
10°	31607.8	44312.7	53696.8	58997.3	62911.2	68477.5	76742.8	89213.7	109597.7	142548.7	186057.6
7.5°	34643.9	47167.0	55425.9	60037.0	64583.6	71444.6	82222.7	99517.4	128289.9	173312.1	253945.7
5°	36840.9	49236.9	56683.3	60795.6	65809.4	73632.0	86294.0	107493.0	145582.7	211168.1	323748.2
2.5°	38170.8	50491.9	57447.1	61257.6	66558.3	74974.0	88806.3	112454.8	156470.6	241262.6	384262.5
0°	38616.1	50912.4	57703.3	61412.8	66810.2	75426.5	89656.0	114140.7	160195.3	252854.3	406582.5
-2.5°	38170.8	50491.9	57447.1	61257.6	66558.3	74974.0	88806.3	112454.8	156470.6	241262.6	384262.5
-5°	36840.9	49236.9	56683.3	60795.6	65809.4	73632.0	86294.0	107493.0	145582.7	211168.1	323748.2
-7.5°	34643.9	47167.0	55425.9	60037.0	64583.6	71444.6	82222.7	99517.4	128289.9	173312.1	253945.7
-10°	31607.8	44312.7	53696.8	58997.3	62911.2	68477.5	76742.8	89213.7	109597.7	142548.7	186057.6
-12.5°	27769.4	40714.2	51524.2	57690.8	61012.1	65557.0	72157.5	81736.0	95206.3	113093.1	142548.7
-15°	23262.6	36058.5	47341.8	54872.0	59328.7	62872.9	67450.5	74065.4	83448.6	95206.3	109597.7
-17.5°	18377.3	30307.0	41981.5	51658.4	57186.7	60341.1	63923.9	68350.2	74065.4	81736.0	89213.7
-20°	12884.8	23899.5	35575.1	45805.9	53334.5	58068.1	60684.4	63923.9	67450.5	72157.5	76742.8



REPORT NUMBER: P1306554 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-57-70-2R-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8757.8	17389.5	27970.6	38782.8	47755.2	53901.2	58068.1	60341.1	62872.9	65557.0	68477.5
-25°	5128.3	10704.8	20146.9	30057.7	39720.6	47755.2	53334.5	57186.7	59328.7	61012.1	62911.2
-27.5°	3035.2	6553.3	12140.2	21075.5	30057.7	38782.8	45805.9	51658.4	54872.0	57690.8	58997.3
-30°	1740.9	3326.1	7032.6	12140.2	20146.9	27970.6	35575.1	41981.5	47341.8	51524.2	53696.8
-32.5°	1197.3	1882.6	3326.1	6553.3	10704.8	17389.5	23899.5	30307.0	36058.5	40714.2	44312.7
-35°	835.7	1197.3	1740.9	3035.2	5128.3	8757.8	12884.8	18377.3	23262.6	27769.4	31607.8
-37.5°	753.4	828.2	1111.2	1491.6	2460.9	3523.2	5903.6	8716.1	11267.9	15163.2	18406.9
-40°	677.2	738.8	805.9	940.9	1274.8	1616.6	2523.0	3340.7	4516.4	6500.2	8148.6
-42.5°	601.9	659.2	712.4	769.2	824.6	978.2	1241.6	1478.7	1945.7	2519.6	2995.6
-45°	519.2	576.3	629.5	676.3	720.0	766.5	810.0	849.0	1019.9	1185.5	1322.6
-47.5°	456.6	492.2	538.6	586.0	629.2	666.6	700.7	732.1	763.7	790.9	813.3
-50°	419.1	432.3	463.6	493.0	530.2	567.9	602.1	631.6	656.3	677.4	694.8
-52.5°	411.2	415.7	419.3	427.7	452.9	476.1	497.1	523.7	548.4	569.5	586.9
-55°	388.9	399.6	409.7	414.5	417.4	420.0	425.6	442.8	457.9	470.8	481.4
-57.5°	257.4	332.7	385.4	394.1	402.1	409.4	413.5	415.4	417.2	418.6	419.8
-60°	137.6	155.6	216.5	276.9	332.7	382.8	388.9	394.3	399.0	403.0	406.3
-62.5°	97.0	108.0	123.3	137.6	150.9	179.7	221.6	258.8	291.4	319.1	341.9
-65°	89.3	91.8	94.1	96.2	98.6	109.5	119.3	128.0	135.6	142.1	147.5
-67.5°	74.7	79.1	83.2	87.1	89.5	91.1	92.5	93.8	94.9	95.9	96.7
-70°	63.9	65.8	67.6	70.0	73.1	75.9	78.5	80.8	82.7	84.4	85.8
-72.5°	56.0	57.7	59.3	60.7	62.1	63.3	64.4	65.4	66.3	67.0	67.6
-75°	48.1	49.5	50.9	52.1	53.3	54.3	55.3	56.1	56.9	57.5	58.0
-77.5°	40.1	41.3	42.4	43.5	44.4	45.3	46.1	46.8	47.4	47.9	48.3
-80°	32.1	33.0	34.0	34.8	35.6	36.3	36.9	37.4	37.9	38.4	38.7
-82.5°	24.1	24.8	25.4	26.1	26.6	27.2	27.6	28.0	28.4	28.7	29.0
-85°	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
-87.5°	16.1	16.5	17.0	17.4	17.8	18.1	18.4	18.7	18.9	19.1	19.3
-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: P1306554 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-57-70-2R-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°	19.4	19.5	19.6	19.6	19.6	19.5	19.4	19.3	19.1	18.9	18.7
85°	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
82.5°	29.1	29.3	29.4	29.4	29.4	29.3	29.1	29.0	28.7	28.4	28.0
80°	39.0	39.1	39.3	39.3	39.3	39.1	39.0	38.7	38.4	37.9	37.4
77.5°	48.7	48.9	49.1	49.1	49.1	48.9	48.7	48.3	47.9	47.4	46.8
75°	58.4	58.7	58.8	58.9	58.8	58.7	58.4	58.0	57.5	56.9	56.1
72.5°	68.1	68.4	68.6	68.7	68.6	68.4	68.1	67.6	67.0	66.3	65.4
70°	86.9	87.7	88.1	88.3	88.1	87.7	86.9	85.8	84.4	82.7	80.8
67.5°	97.3	97.7	98.0	98.1	98.0	97.7	97.3	96.7	95.9	94.9	93.8
65°	151.6	154.6	156.4	157.0	156.4	154.6	151.6	147.5	142.1	135.6	128.0
62.5°	359.7	372.5	380.1	382.7	380.1	372.5	359.7	341.9	319.1	291.4	258.8
60°	408.9	410.7	411.8	412.2	411.8	410.7	408.9	406.3	403.0	399.0	394.3
57.5°	420.8	421.5	421.9	422.0	421.9	421.5	420.8	419.8	418.6	417.2	415.4
55°	489.7	495.7	499.3	500.5	499.3	495.7	489.7	481.4	470.8	457.9	442.8
52.5°	600.5	610.3	616.2	618.2	616.2	610.3	600.5	586.9	569.5	548.4	523.7
50°	708.5	718.3	724.2	726.2	724.2	718.3	708.5	694.8	677.4	656.3	631.6
47.5°	831.0	843.6	851.3	853.8	851.3	843.6	831.0	813.3	790.9	763.7	732.1
45°	1430.3	1507.8	1554.6	1570.2	1554.6	1507.8	1430.3	1322.6	1185.5	1019.9	849.0
42.5°	3369.9	3639.6	3802.3	3856.7	3802.3	3639.6	3369.9	2995.6	2519.6	1945.7	1478.7
40°	9447.0	10383.5	10949.1	11138.3	10949.1	10383.5	9447.0	8148.6	6500.2	4516.4	3340.7
37.5°	20966.9	22816.0	23933.9	24308.0	23933.9	22816.0	20966.9	18406.9	15163.2	11267.9	8716.1
35°	34643.9	36840.9	38170.8	38616.1	38170.8	36840.9	34643.9	31607.8	27769.4	23262.6	18377.3
32.5°	47167.0	49236.9	50491.9	50912.4	50491.9	49236.9	47167.0	44312.7	40714.2	36058.5	30307.0
30°	55425.9	56683.3	57447.1	57703.3	57447.1	56683.3	55425.9	53696.8	51524.2	47341.8	41981.5
27.5°	60037.0	60795.6	61257.6	61412.8	61257.6	60795.6	60037.0	58997.3	57690.8	54872.0	51658.4
25°	64583.6	65809.4	66558.3	66810.2	66558.3	65809.4	64583.6	62911.2	61012.1	59328.7	57186.7
22.5°	71444.6	73632.0	74974.0	75426.5	74974.0	73632.0	71444.6	68477.5	65557.0	62872.9	60341.1
20°	82222.7	86294.0	88806.3	89656.0	88806.3	86294.0	82222.7	76742.8	72157.5	67450.5	63923.9
17.5°	99517.4	107493.0	112454.8	114140.7	112454.8	107493.0	99517.4	89213.7	81736.0	74065.4	68350.2
15°	128289.9	145582.7	156470.6	160195.3	156470.6	145582.7	128289.9	109597.7	95206.3	83448.6	74065.4
12.5°	173312.1	211168.1	241262.6	252854.3	241262.6	211168.1	173312.1	142548.7	113093.1	95206.3	81736.0
10°	253945.7	323748.2	384262.5	406582.5	384262.5	323748.2	253945.7	186057.6	142548.7	109597.7	89213.7
7.5°	363257.1	505822.0	655100.0	719019.5	655100.0	505822.0	363257.1	253945.7	173312.1	128289.9	99517.4
5°	505822.0	787690.8	#####	#####	#####	787690.8	505822.0	323748.2	211168.1	145582.7	107493.0
2.5°	655100.0	#####	#####	#####	#####	655100.0	384262.5	241262.6	156470.6	112454.8	
0°	719019.5	#####	#####	#####	#####	719019.5	406582.5	252854.3	160195.3	114140.7	
-2.5°	655100.0	#####	#####	#####	#####	655100.0	384262.5	241262.6	156470.6	112454.8	
-5°	505822.0	787690.8	#####	#####	#####	787690.8	505822.0	323748.2	211168.1	145582.7	107493.0
-7.5°	363257.1	505822.0	655100.0	719019.5	655100.0	505822.0	363257.1	253945.7	173312.1	128289.9	99517.4
-10°	253945.7	323748.2	384262.5	406582.5	384262.5	323748.2	253945.7	186057.6	142548.7	109597.7	89213.7
-12.5°	173312.1	211168.1	241262.6	252854.3	241262.6	211168.1	173312.1	142548.7	113093.1	95206.3	81736.0
-15°	128289.9	145582.7	156470.6	160195.3	156470.6	145582.7	128289.9	109597.7	95206.3	83448.6	74065.4
-17.5°	99517.4	107493.0	112454.8	114140.7	112454.8	107493.0	99517.4	89213.7	81736.0	74065.4	68350.2
-20°	82222.7	86294.0	88806.3	89656.0	88806.3	86294.0	82222.7	76742.8	72157.5	67450.5	63923.9



REPORT NUMBER: P1306554 (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°	71444.6	73632.0	74974.0	75426.5	74974.0	73632.0	71444.6	68477.5	65557.0	62872.9	60341.1
-25°	64583.6	65809.4	66558.3	66810.2	66558.3	65809.4	64583.6	62911.2	61012.1	59328.7	57186.7
-27.5°	60037.0	60795.6	61257.6	61412.8	61257.6	60795.6	60037.0	58997.3	57690.8	54872.0	51658.4
-30°	55425.9	56683.3	57447.1	57703.3	57447.1	56683.3	55425.9	53696.8	51524.2	47341.8	41981.5
-32.5°	47167.0	49236.9	50491.9	50912.4	50491.9	49236.9	47167.0	44312.7	40714.2	36058.5	30307.0
-35°	34643.9	36840.9	38170.8	38616.1	38170.8	36840.9	34643.9	31607.8	27769.4	23262.6	18377.3
-37.5°	20966.9	22816.0	23933.9	24308.0	23933.9	22816.0	20966.9	18406.9	15163.2	11267.9	8716.1
-40°	9447.0	10383.5	10949.1	11138.3	10949.1	10383.5	9447.0	8148.6	6500.2	4516.4	3340.7
-42.5°	3369.9	3639.6	3802.3	3856.7	3802.3	3639.6	3369.9	2995.6	2519.6	1945.7	1478.7
-45°	1430.3	1507.8	1554.6	1570.2	1554.6	1507.8	1430.3	1322.6	1185.5	1019.9	849.0
-47.5°	831.0	843.6	851.3	853.8	851.3	843.6	831.0	813.3	790.9	763.7	732.1
-50°	708.5	718.3	724.2	726.2	724.2	718.3	708.5	694.8	677.4	656.3	631.6
-52.5°	600.5	610.3	616.2	618.2	616.2	610.3	600.5	586.9	569.5	548.4	523.7
-55°	489.7	495.7	499.3	500.5	499.3	495.7	489.7	481.4	470.8	457.9	442.8
-57.5°	420.8	421.5	421.9	422.0	421.9	421.5	420.8	419.8	418.6	417.2	415.4
-60°	408.9	410.7	411.8	412.2	411.8	410.7	408.9	406.3	403.0	399.0	394.3
-62.5°	359.7	372.5	380.1	382.7	380.1	372.5	359.7	341.9	319.1	291.4	258.8
-65°	151.6	154.6	156.4	157.0	156.4	154.6	151.6	147.5	142.1	135.6	128.0
-67.5°	97.3	97.7	98.0	98.1	98.0	97.7	97.3	96.7	95.9	94.9	93.8
-70°	86.9	87.7	88.1	88.3	88.1	87.7	86.9	85.8	84.4	82.7	80.8
-72.5°	68.1	68.4	68.6	68.7	68.6	68.4	68.1	67.6	67.0	66.3	65.4
-75°	58.4	58.7	58.8	58.9	58.8	58.7	58.4	58.0	57.5	56.9	56.1
-77.5°	48.7	48.9	49.1	49.1	49.1	48.9	48.7	48.3	47.9	47.4	46.8
-80°	39.0	39.1	39.3	39.3	39.3	39.1	39.0	38.7	38.4	37.9	37.4
-82.5°	29.1	29.3	29.4	29.4	29.4	29.3	29.1	29.0	28.7	28.4	28.0
-85°	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
-87.5°	19.4	19.5	19.6	19.6	19.6	19.5	19.4	19.3	19.1	18.9	18.7
-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):**

	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°	18.4	18.1	17.8	17.4	17.0	16.5	16.1	15.5	15.0	14.4	13.9
85°	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
82.5°	27.6	27.2	26.6	26.1	25.4	24.8	24.1	23.3	22.5	21.6	20.8
80°	36.9	36.3	35.6	34.8	34.0	33.0	32.1	31.1	30.0	28.8	27.6
77.5°	46.1	45.3	44.4	43.5	42.4	41.3	40.1	38.9	37.5	36.1	34.6
75°	55.3	54.3	53.3	52.1	50.9	49.5	48.1	46.5	44.9	43.2	41.4
72.5°	64.4	63.3	62.1	60.7	59.3	57.7	56.0	54.2	52.3	50.3	48.2
70°	78.5	75.9	73.1	70.0	67.6	65.8	63.9	61.8	59.6	57.4	55.0
67.5°	92.5	91.1	89.5	87.1	83.2	79.1	74.7	70.1	66.9	64.3	61.6
65°	119.3	109.5	98.6	96.2	94.1	91.8	89.3	85.1	79.6	73.8	68.3
62.5°	221.6	179.7	150.9	137.6	123.3	108.0	97.0	94.1	91.1	87.5	80.9
60°	388.9	382.8	332.7	276.9	216.5	155.6	137.6	118.6	98.6	94.7	91.1
57.5°	413.5	409.4	402.1	394.1	385.4	332.7	257.4	177.9	140.6	117.8	97.4
55°	425.6	420.0	417.4	414.5	409.7	399.6	388.9	343.7	253.1	158.5	131.7
52.5°	497.1	476.1	452.9	427.7	419.3	415.7	411.2	399.0	386.2	307.6	201.8
50°	602.1	567.9	530.2	493.0	463.6	432.3	419.1	414.8	406.3	392.0	340.6
47.5°	700.7	666.6	629.2	586.0	538.6	492.2	456.6	421.6	416.8	410.7	394.9
45°	810.0	766.5	720.0	676.3	629.5	576.3	519.2	473.0	431.3	417.8	412.2
42.5°	1241.6	978.2	824.6	769.2	712.4	659.2	601.9	538.0	481.3	435.4	417.8
40°	2523.0	1616.6	1274.8	940.9	805.9	738.8	677.2	614.7	544.4	481.3	431.3
37.5°	5903.6	3523.2	2460.9	1491.6	1111.2	828.2	753.4	683.3	614.7	538.0	473.0
35°	12884.8	8757.8	5128.3	3035.2	1740.9	1197.3	835.7	753.4	677.2	601.9	519.2
32.5°	23899.5	17389.5	10704.8	6553.3	3326.1	1882.6	1197.3	828.2	738.8	659.2	576.3
30°	35575.1	27970.6	20146.9	12140.2	7032.6	3326.1	1740.9	1111.2	805.9	712.4	629.5
27.5°	45805.9	38782.8	30057.7	21075.5	12140.2	6553.3	3035.2	1491.6	940.9	769.2	676.3
25°	53334.5	47755.2	39720.6	30057.7	20146.9	10704.8	5128.3	2460.9	1274.8	824.6	720.0
22.5°	58068.1	53901.2	47755.2	38782.8	27970.6	17389.5	8757.8	3523.2	1616.6	978.2	766.5
20°	60684.4	58068.1	53334.5	45805.9	35575.1	23899.5	12884.8	5903.6	2523.0	1241.6	810.0
17.5°	63923.9	60341.1	57186.7	51658.4	41981.5	30307.0	18377.3	8716.1	3340.7	1478.7	849.0
15°	67450.5	62872.9	59328.7	54872.0	47341.8	36058.5	23262.6	11267.9	4516.4	1945.7	1019.9
12.5°	72157.5	65557.0	61012.1	57690.8	51524.2	40714.2	27769.4	15163.2	6500.2	2519.6	1185.5
10°	76742.8	68477.5	62911.2	58997.3	53696.8	44312.7	31607.8	18406.9	8148.6	2995.6	1322.6
7.5°	82222.7	71444.6	64583.6	60037.0	55425.9	47167.0	34643.9	20966.9	9447.0	3369.9	1430.3
5°	86294.0	73632.0	65809.4	60795.6	56683.3	49236.9	36840.9	22816.0	10383.5	3639.6	1507.8
2.5°	88806.3	74974.0	66558.3	61257.6	57447.1	50491.9	38170.8	23933.9	10949.1	3802.3	1554.6
0°	89656.0	75426.5	66810.2	61412.8	57703.3	50912.4	38616.1	24308.0	11138.3	3856.7	1570.2
-2.5°	88806.3	74974.0	66558.3	61257.6	57447.1	50491.9	38170.8	23933.9	10949.1	3802.3	1554.6
-5°	86294.0	73632.0	65809.4	60795.6	56683.3	49236.9	36840.9	22816.0	10383.5	3639.6	1507.8
-7.5°	82222.7	71444.6	64583.6	60037.0	55425.9	47167.0	34643.9	20966.9	9447.0	3369.9	1430.3
-10°	76742.8	68477.5	62911.2	58997.3	53696.8	44312.7	31607.8	18406.9	8148.6	2995.6	1322.6
-12.5°	72157.5	65557.0	61012.1	57690.8	51524.2	40714.2	27769.4	15163.2	6500.2	2519.6	1185.5
-15°	67450.5	62872.9	59328.7	54872.0	47341.8	36058.5	23262.6	11267.9	4516.4	1945.7	1019.9
-17.5°	63923.9	60341.1	57186.7	51658.4	41981.5	30307.0	18377.3	8716.1	3340.7	1478.7	849.0
-20°	60684.4	58068.1	53334.5	45805.9	35575.1	23899.5	12884.8	5903.6	2523.0	1241.6	810.0



REPORT NUMBER: P1306554 (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°	58068.1	53901.2	47755.2	38782.8	27970.6	17389.5	8757.8	3523.2	1616.6	978.2	766.5
-25°	53334.5	47755.2	39720.6	30057.7	20146.9	10704.8	5128.3	2460.9	1274.8	824.6	720.0
-27.5°	45805.9	38782.8	30057.7	21075.5	12140.2	6553.3	3035.2	1491.6	940.9	769.2	676.3
-30°	35575.1	27970.6	20146.9	12140.2	7032.6	3326.1	1740.9	1111.2	805.9	712.4	629.5
-32.5°	23899.5	17389.5	10704.8	6553.3	3326.1	1882.6	1197.3	828.2	738.8	659.2	576.3
-35°	12884.8	8757.8	5128.3	3035.2	1740.9	1197.3	835.7	753.4	677.2	601.9	519.2
-37.5°	5903.6	3523.2	2460.9	1491.6	1111.2	828.2	753.4	683.3	614.7	538.0	473.0
-40°	2523.0	1616.6	1274.8	940.9	805.9	738.8	677.2	614.7	544.4	481.3	431.3
-42.5°	1241.6	978.2	824.6	769.2	712.4	659.2	601.9	538.0	481.3	435.4	417.8
-45°	810.0	766.5	720.0	676.3	629.5	576.3	519.2	473.0	431.3	417.8	412.2
-47.5°	700.7	666.6	629.2	586.0	538.6	492.2	456.6	421.6	416.8	410.7	394.9
-50°	602.1	567.9	530.2	493.0	463.6	432.3	419.1	414.8	406.3	392.0	340.6
-52.5°	497.1	476.1	452.9	427.7	419.3	415.7	411.2	399.0	386.2	307.6	201.8
-55°	425.6	420.0	417.4	414.5	409.7	399.6	388.9	343.7	253.1	158.5	131.7
-57.5°	413.5	409.4	402.1	394.1	385.4	332.7	257.4	177.9	140.6	117.8	97.4
-60°	388.9	382.8	332.7	276.9	216.5	155.6	137.6	118.6	98.6	94.7	91.1
-62.5°	221.6	179.7	150.9	137.6	123.3	108.0	97.0	94.1	91.1	87.5	80.9
-65°	119.3	109.5	98.6	96.2	94.1	91.8	89.3	85.1	79.6	73.8	68.3
-67.5°	92.5	91.1	89.5	87.1	83.2	79.1	74.7	70.1	66.9	64.3	61.6
-70°	78.5	75.9	73.1	70.0	67.6	65.8	63.9	61.8	59.6	57.4	55.0
-72.5°	64.4	63.3	62.1	60.7	59.3	57.7	56.0	54.2	52.3	50.3	48.2
-75°	55.3	54.3	53.3	52.1	50.9	49.5	48.1	46.5	44.9	43.2	41.4
-77.5°	46.1	45.3	44.4	43.5	42.4	41.3	40.1	38.9	37.5	36.1	34.6
-80°	36.9	36.3	35.6	34.8	34.0	33.0	32.1	31.1	30.0	28.8	27.6
-82.5°	27.6	27.2	26.6	26.1	25.4	24.8	24.1	23.3	22.5	21.6	20.8
-85°	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
-87.5°	18.4	18.1	17.8	17.4	17.0	16.5	16.1	15.5	15.0	14.4	13.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1306554 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.2	12.6	11.9	11.2	10.5	9.8	9.0	8.3	7.5	6.7	5.9
85°	19.6	19.6	19.6	19.6	19.6	19.6	18.1	16.5	15.0	13.4	11.8
82.5°	19.8	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	17.6
80°	26.4	25.1	23.8	22.4	21.0	19.6	19.6	19.6	19.6	19.6	19.6
77.5°	33.0	31.4	29.7	28.0	26.2	24.4	22.5	20.6	19.6	19.6	19.6
75°	39.6	37.6	35.6	33.5	31.4	29.1	26.9	24.6	22.3	19.9	19.6
72.5°	46.0	43.8	41.4	39.0	36.5	33.9	31.3	28.6	25.9	23.1	20.3
70°	52.5	49.9	47.2	44.4	41.6	38.7	35.7	32.6	29.5	26.3	23.1
67.5°	58.8	55.9	52.9	49.8	46.6	43.3	40.0	36.6	33.0	29.5	25.9
65°	65.1	61.9	58.5	55.1	51.5	47.9	44.2	40.4	36.6	32.6	28.6
62.5°	74.0	67.8	64.1	60.3	56.4	52.4	48.4	44.2	40.0	35.7	31.3
60°	86.3	78.5	70.4	65.4	61.2	56.9	52.4	47.9	43.3	38.7	33.9
57.5°	93.3	89.1	81.2	72.2	65.9	61.2	56.4	51.5	46.6	41.6	36.5
55°	105.1	94.7	90.0	82.1	72.2	65.4	60.3	55.1	49.8	44.4	39.0
52.5°	140.2	110.7	95.2	90.0	81.2	70.4	64.1	58.5	52.9	47.2	41.4
50°	223.7	143.0	110.7	94.7	89.1	78.5	67.8	61.9	55.9	49.9	43.8
47.5°	351.7	223.7	140.2	105.1	93.3	86.3	74.0	65.1	58.8	52.5	46.0
45°	394.9	340.6	201.8	131.7	97.4	91.1	80.9	68.3	61.6	55.0	48.2
42.5°	410.7	392.0	307.6	158.5	117.8	94.7	87.5	73.8	64.3	57.4	50.3
40°	416.8	406.3	386.2	253.1	140.6	98.6	91.1	79.6	66.9	59.6	52.3
37.5°	421.6	414.8	399.0	343.7	177.9	118.6	94.1	85.1	70.1	61.8	54.2
35°	456.6	419.1	411.2	388.9	257.4	137.6	97.0	89.3	74.7	63.9	56.0
32.5°	492.2	432.3	415.7	399.6	332.7	155.6	108.0	91.8	79.1	65.8	57.7
30°	538.6	463.6	419.3	409.7	385.4	216.5	123.3	94.1	83.2	67.6	59.3
27.5°	586.0	493.0	427.7	414.5	394.1	276.9	137.6	96.2	87.1	70.0	60.7
25°	629.2	530.2	452.9	417.4	402.1	332.7	150.9	98.6	89.5	73.1	62.1
22.5°	666.6	567.9	476.1	420.0	409.4	382.8	179.7	109.5	91.1	75.9	63.3
20°	700.7	602.1	497.1	425.6	413.5	388.9	221.6	119.3	92.5	78.5	64.4
17.5°	732.1	631.6	523.7	442.8	415.4	394.3	258.8	128.0	93.8	80.8	65.4
15°	763.7	656.3	548.4	457.9	417.2	399.0	291.4	135.6	94.9	82.7	66.3
12.5°	790.9	677.4	569.5	470.8	418.6	403.0	319.1	142.1	95.9	84.4	67.0
10°	813.3	694.8	586.9	481.4	419.8	406.3	341.9	147.5	96.7	85.8	67.6
7.5°	831.0	708.5	600.5	489.7	420.8	408.9	359.7	151.6	97.3	86.9	68.1
5°	843.6	718.3	610.3	495.7	421.5	410.7	372.5	154.6	97.7	87.7	68.4
2.5°	851.3	724.2	616.2	499.3	421.9	411.8	380.1	156.4	98.0	88.1	68.6
0°	853.8	726.2	618.2	500.5	422.0	412.2	382.7	157.0	98.1	88.3	68.7
-2.5°	851.3	724.2	616.2	499.3	421.9	411.8	380.1	156.4	98.0	88.1	68.6
-5°	843.6	718.3	610.3	495.7	421.5	410.7	372.5	154.6	97.7	87.7	68.4
-7.5°	831.0	708.5	600.5	489.7	420.8	408.9	359.7	151.6	97.3	86.9	68.1
-10°	813.3	694.8	586.9	481.4	419.8	406.3	341.9	147.5	96.7	85.8	67.6
-12.5°	790.9	677.4	569.5	470.8	418.6	403.0	319.1	142.1	95.9	84.4	67.0
-15°	763.7	656.3	548.4	457.9	417.2	399.0	291.4	135.6	94.9	82.7	66.3
-17.5°	732.1	631.6	523.7	442.8	415.4	394.3	258.8	128.0	93.8	80.8	65.4
-20°	700.7	602.1	497.1	425.6	413.5	388.9	221.6	119.3	92.5	78.5	64.4



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	666.6	567.9	476.1	420.0	409.4	382.8	179.7	109.5	91.1	75.9	63.3
-25°	629.2	530.2	452.9	417.4	402.1	332.7	150.9	98.6	89.5	73.1	62.1
-27.5°	586.0	493.0	427.7	414.5	394.1	276.9	137.6	96.2	87.1	70.0	60.7
-30°	538.6	463.6	419.3	409.7	385.4	216.5	123.3	94.1	83.2	67.6	59.3
-32.5°	492.2	432.3	415.7	399.6	332.7	155.6	108.0	91.8	79.1	65.8	57.7
-35°	456.6	419.1	411.2	388.9	257.4	137.6	97.0	89.3	74.7	63.9	56.0
-37.5°	421.6	414.8	399.0	343.7	177.9	118.6	94.1	85.1	70.1	61.8	54.2
-40°	416.8	406.3	386.2	253.1	140.6	98.6	91.1	79.6	66.9	59.6	52.3
-42.5°	410.7	392.0	307.6	158.5	117.8	94.7	87.5	73.8	64.3	57.4	50.3
-45°	394.9	340.6	201.8	131.7	97.4	91.1	80.9	68.3	61.6	55.0	48.2
-47.5°	351.7	223.7	140.2	105.1	93.3	86.3	74.0	65.1	58.8	52.5	46.0
-50°	223.7	143.0	110.7	94.7	89.1	78.5	67.8	61.9	55.9	49.9	43.8
-52.5°	140.2	110.7	95.2	90.0	81.2	70.4	64.1	58.5	52.9	47.2	41.4
-55°	105.1	94.7	90.0	82.1	72.2	65.4	60.3	55.1	49.8	44.4	39.0
-57.5°	93.3	89.1	81.2	72.2	65.9	61.2	56.4	51.5	46.6	41.6	36.5
-60°	86.3	78.5	70.4	65.4	61.2	56.9	52.4	47.9	43.3	38.7	33.9
-62.5°	74.0	67.8	64.1	60.3	56.4	52.4	48.4	44.2	40.0	35.7	31.3
-65°	65.1	61.9	58.5	55.1	51.5	47.9	44.2	40.4	36.6	32.6	28.6
-67.5°	58.8	55.9	52.9	49.8	46.6	43.3	40.0	36.6	33.0	29.5	25.9
-70°	52.5	49.9	47.2	44.4	41.6	38.7	35.7	32.6	29.5	26.3	23.1
-72.5°	46.0	43.8	41.4	39.0	36.5	33.9	31.3	28.6	25.9	23.1	20.3
-75°	39.6	37.6	35.6	33.5	31.4	29.1	26.9	24.6	22.3	19.9	19.6
-77.5°	33.0	31.4	29.7	28.0	26.2	24.4	22.5	20.6	19.6	19.6	19.6
-80°	26.4	25.1	23.8	22.4	21.0	19.6	19.6	19.6	19.6	19.6	19.6
-82.5°	19.8	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	17.6
-85°	19.6	19.6	19.6	19.6	19.6	19.6	18.1	16.5	15.0	13.4	11.8
-87.5°	13.2	12.6	11.9	11.2	10.5	9.8	9.0	8.3	7.5	6.7	5.9
-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°	5.1	4.2	3.4	2.6	1.7	0.9	0.0
85°	10.1	8.5	6.8	5.1	3.4	1.7	0.0
82.5°	15.2	12.7	10.2	7.7	5.1	2.6	0.0
80°	19.6	16.9	13.5	10.2	6.8	3.4	0.0
77.5°	19.6	19.6	16.9	12.7	8.5	4.2	0.0
75°	19.6	19.6	19.6	15.2	10.1	5.1	0.0
72.5°	19.6	19.6	19.6	17.6	11.8	5.9	0.0
70°	19.9	19.6	19.6	19.6	13.4	6.7	0.0
67.5°	22.3	19.6	19.6	19.6	15.0	7.5	0.0
65°	24.6	20.6	19.6	19.6	16.5	8.3	0.0
62.5°	26.9	22.5	19.6	19.6	18.1	9.0	0.0
60°	29.1	24.4	19.6	19.6	19.6	9.8	0.0
57.5°	31.4	26.2	21.0	19.6	19.6	10.5	0.0
55°	33.5	28.0	22.4	19.6	19.6	11.2	0.0
52.5°	35.6	29.7	23.8	19.6	19.6	11.9	0.0
50°	37.6	31.4	25.1	19.6	19.6	12.6	0.0
47.5°	39.6	33.0	26.4	19.8	19.6	13.2	0.0
45°	41.4	34.6	27.6	20.8	19.6	13.9	0.0
42.5°	43.2	36.1	28.8	21.6	19.6	14.4	0.0
40°	44.9	37.5	30.0	22.5	19.6	15.0	0.0
37.5°	46.5	38.9	31.1	23.3	19.6	15.5	0.0
35°	48.1	40.1	32.1	24.1	19.6	16.1	0.0
32.5°	49.5	41.3	33.0	24.8	19.6	16.5	0.0
30°	50.9	42.4	34.0	25.4	19.6	17.0	0.0
27.5°	52.1	43.5	34.8	26.1	19.6	17.4	0.0
25°	53.3	44.4	35.6	26.6	19.6	17.8	0.0
22.5°	54.3	45.3	36.3	27.2	19.6	18.1	0.0
20°	55.3	46.1	36.9	27.6	19.6	18.4	0.0
17.5°	56.1	46.8	37.4	28.0	19.6	18.7	0.0
15°	56.9	47.4	37.9	28.4	19.6	18.9	0.0
12.5°	57.5	47.9	38.4	28.7	19.6	19.1	0.0
10°	58.0	48.3	38.7	29.0	19.6	19.3	0.0
7.5°	58.4	48.7	39.0	29.1	19.6	19.4	0.0
5°	58.7	48.9	39.1	29.3	19.6	19.5	0.0
2.5°	58.8	49.1	39.3	29.4	19.6	19.6	0.0
0°	58.9	49.1	39.3	29.4	19.6	19.6	0.0
-2.5°	58.8	49.1	39.3	29.4	19.6	19.6	0.0
-5°	58.7	48.9	39.1	29.3	19.6	19.5	0.0
-7.5°	58.4	48.7	39.0	29.1	19.6	19.4	0.0
-10°	58.0	48.3	38.7	29.0	19.6	19.3	0.0
-12.5°	57.5	47.9	38.4	28.7	19.6	19.1	0.0
-15°	56.9	47.4	37.9	28.4	19.6	18.9	0.0
-17.5°	56.1	46.8	37.4	28.0	19.6	18.7	0.0
-20°	55.3	46.1	36.9	27.6	19.6	18.4	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	54.3	45.3	36.3	27.2	19.6	18.1	0.0
-25°	53.3	44.4	35.6	26.6	19.6	17.8	0.0
-27.5°	52.1	43.5	34.8	26.1	19.6	17.4	0.0
-30°	50.9	42.4	34.0	25.4	19.6	17.0	0.0
-32.5°	49.5	41.3	33.0	24.8	19.6	16.5	0.0
-35°	48.1	40.1	32.1	24.1	19.6	16.1	0.0
-37.5°	46.5	38.9	31.1	23.3	19.6	15.5	0.0
-40°	44.9	37.5	30.0	22.5	19.6	15.0	0.0
-42.5°	43.2	36.1	28.8	21.6	19.6	14.4	0.0
-45°	41.4	34.6	27.6	20.8	19.6	13.9	0.0
-47.5°	39.6	33.0	26.4	19.8	19.6	13.2	0.0
-50°	37.6	31.4	25.1	19.6	19.6	12.6	0.0
-52.5°	35.6	29.7	23.8	19.6	19.6	11.9	0.0
-55°	33.5	28.0	22.4	19.6	19.6	11.2	0.0
-57.5°	31.4	26.2	21.0	19.6	19.6	10.5	0.0
-60°	29.1	24.4	19.6	19.6	19.6	9.8	0.0
-62.5°	26.9	22.5	19.6	19.6	18.1	9.0	0.0
-65°	24.6	20.6	19.6	19.6	16.5	8.3	0.0
-67.5°	22.3	19.6	19.6	19.6	15.0	7.5	0.0
-70°	19.9	19.6	19.6	19.6	13.4	6.7	0.0
-72.5°	19.6	19.6	19.6	17.6	11.8	5.9	0.0
-75°	19.6	19.6	19.6	15.2	10.1	5.1	0.0
-77.5°	19.6	19.6	16.9	12.7	8.5	4.2	0.0
-80°	19.6	16.9	13.5	10.2	6.8	3.4	0.0
-82.5°	15.2	12.7	10.2	7.7	5.1	2.6	0.0
-85°	10.1	8.5	6.8	5.1	3.4	1.7	0.0
-87.5°	5.1	4.2	3.4	2.6	1.7	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)