

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: P1306477 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 2/3/2026

Test Information

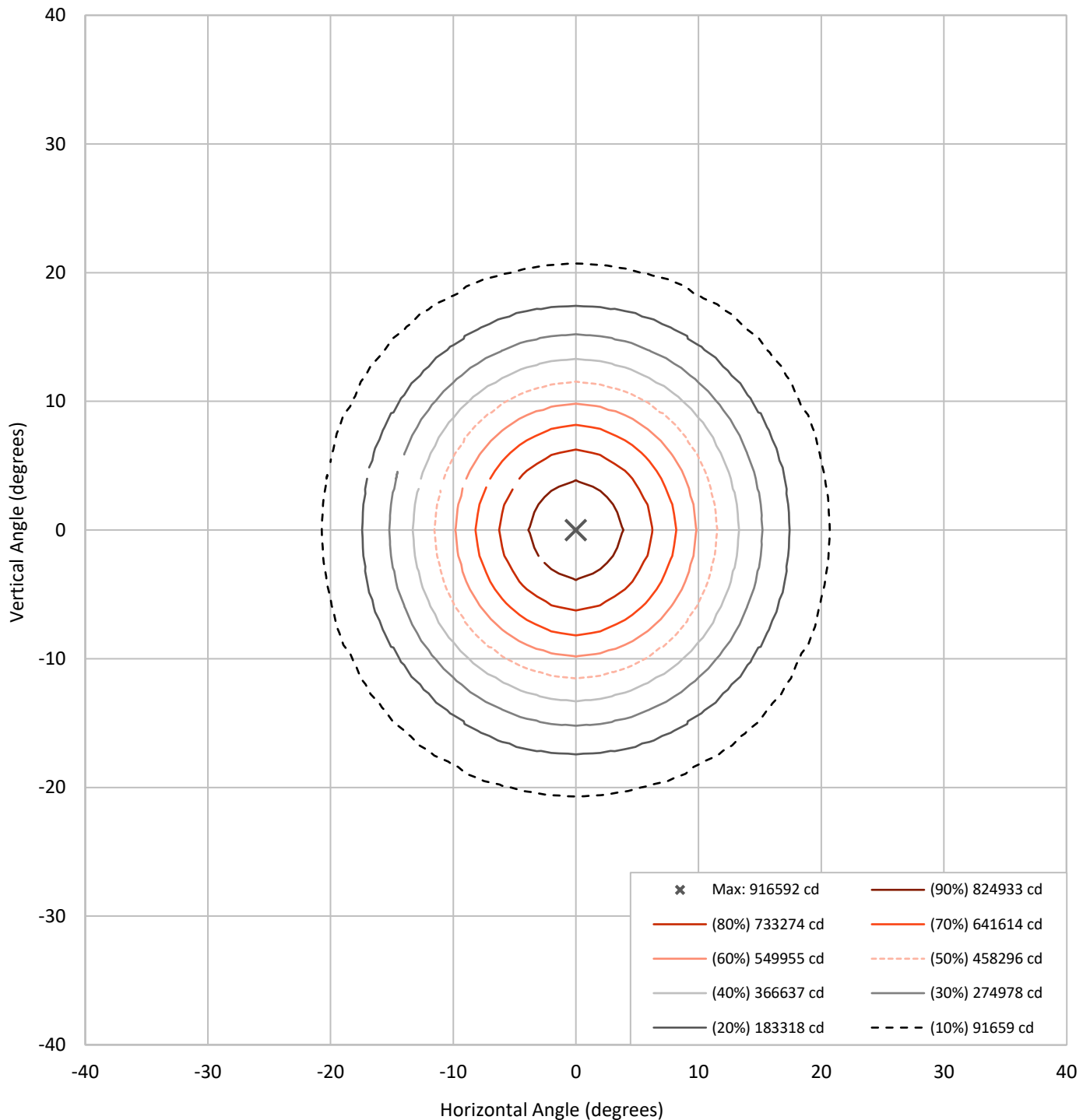
Test Method: LM-79-08
Report Number: P1306477 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-10)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-LS16-1200L-57-70-2S-A
Description: EPHEBUS LUMASPORT 16 LUMINAIRE
(16) 5700K, 70 CRI LEDS AND 2S BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	184047.1 lumens	Max Intensity:	916592 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	145.4 lumens/watt		
Luminous Opening:	Circular (Dia: 1.67' x H: 0')		
Beam Angle (50%):	23.1°H x 23.1°V	Field Angle (10%):	41.4°H x 41.4°V
Beam Lumens:	82914.4 lumens	Field Lumens:	146277.1 lumens
Beam Efficiency:	45.1%	Field Efficiency:	79.5%
Input Watts (W):	1266		
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





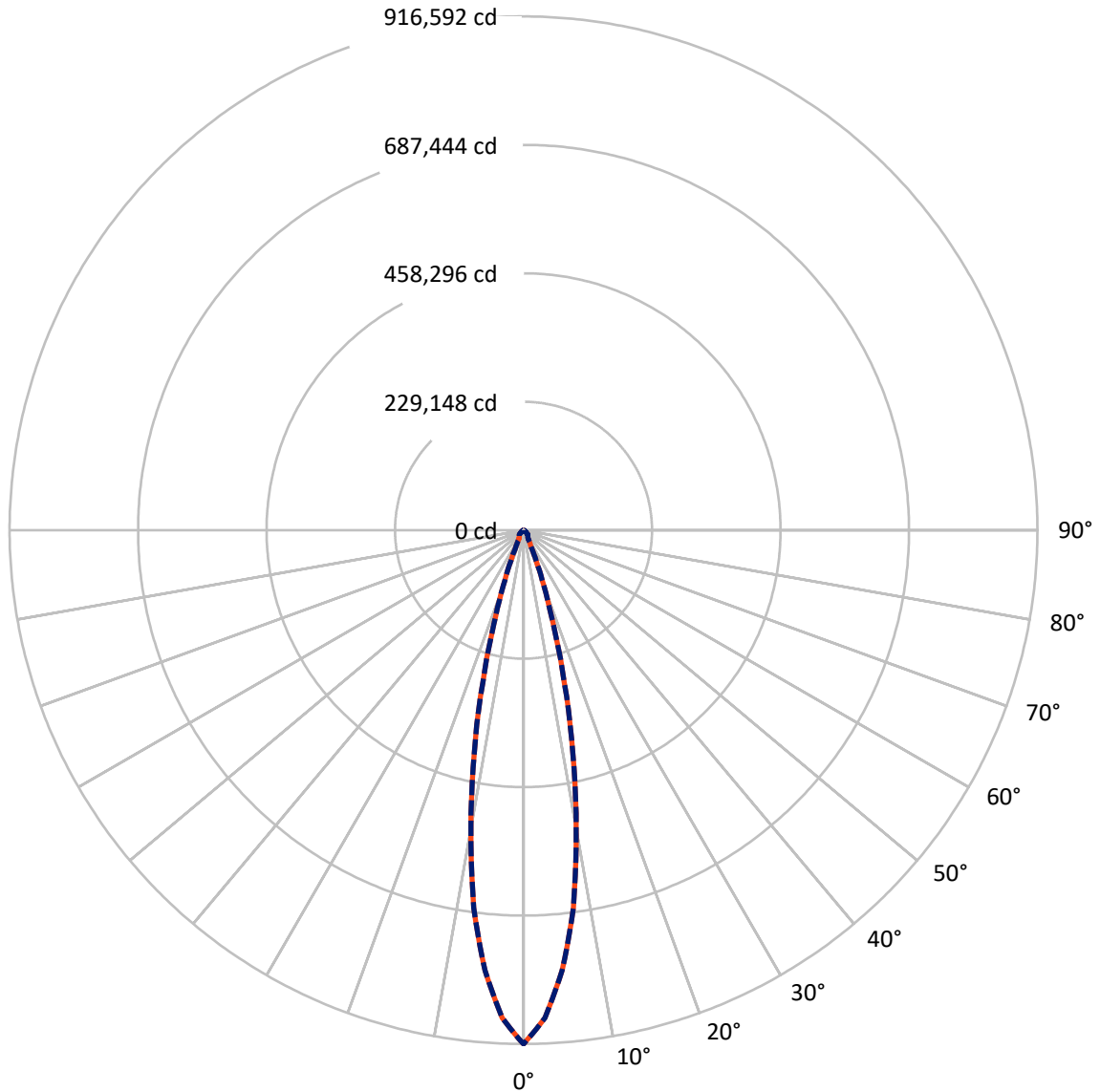
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Lumen Table

90															90				
80	0.3	2.2		8.0		19.3		25.0		19.3		8.0		2.2		0.3			
70															70				
60	1.0	1.2	4.8	13.2	25.3	38.3	49.3	55.4	55.4	49.3	38.3	25.3	13.2	4.8	1.2	1.0			
		3.6	15.0	35.3	61.3	87.5	107.1	117.6	117.6	107.1	87.5	61.3	35.3	15.0	3.6				
50															50				
40	2.7	8.1	28.8	62.4	100.6	161.5	237.9	281.5	281.5	237.9	161.5	100.6	62.4	28.8	8.1	2.7			
		13.5	43.4	87.1	185.2	308.6	375.5	412.1	412.1	375.5	308.6	185.2	87.1	43.4	13.5				
30															30				
20	5.6	18.4	56.0	127.2	279.3	381.4	599.0	1128.9	1128.9	599.0	381.4	279.3	127.2	56.0	18.4	5.6			
		22.2	64.2	176.3	319.1	564.1	2819.3	7628.6	7628.6	2819.3	564.1	319.1	176.3	64.2	22.2				
10															10				
0	6.9	24.2	68.4	201.9	339.7	1038.8	7432.5	19746.2	19746.2	7432.5	1038.8	339.7	201.9	68.4	24.2	6.9			
		24.2	68.4	201.9	339.7	1038.8	7432.5	19746.2	19746.2	7432.5	1038.8	339.7	201.9	68.4	24.2				
-10															-10				
-20	5.6	22.2	64.2	176.3	319.1	564.1	2819.3	7628.6	7628.6	2819.3	564.1	319.1	176.3	64.2	22.2	5.6			
		18.4	56.0	127.2	279.3	381.4	599.0	1128.9	1128.9	599.0	381.4	279.3	127.2	56.0	18.4				
-30															-30				
-40	2.7	13.5	43.4	87.1	185.2	308.6	375.5	412.1	412.1	375.5	308.6	185.2	87.1	43.4	13.5	2.7			
		8.1	28.8	62.4	100.6	161.5	237.9	281.5	281.5	237.9	161.5	100.6	62.4	28.8	8.1				
-50															-50				
-60	1.0	3.6	15.0	35.3	61.3	87.5	107.1	117.6	117.6	107.1	87.5	61.3	35.3	15.0	3.6	1.0			
		1.2	4.8	13.2	25.3	38.3	49.3	55.4	55.4	49.3	38.3	25.3	13.2	4.8	1.2				
-70															-70				
-80	0.3	2.2		8.0		19.3		25.0		19.3		8.0		2.2		0.3			
-90															-90				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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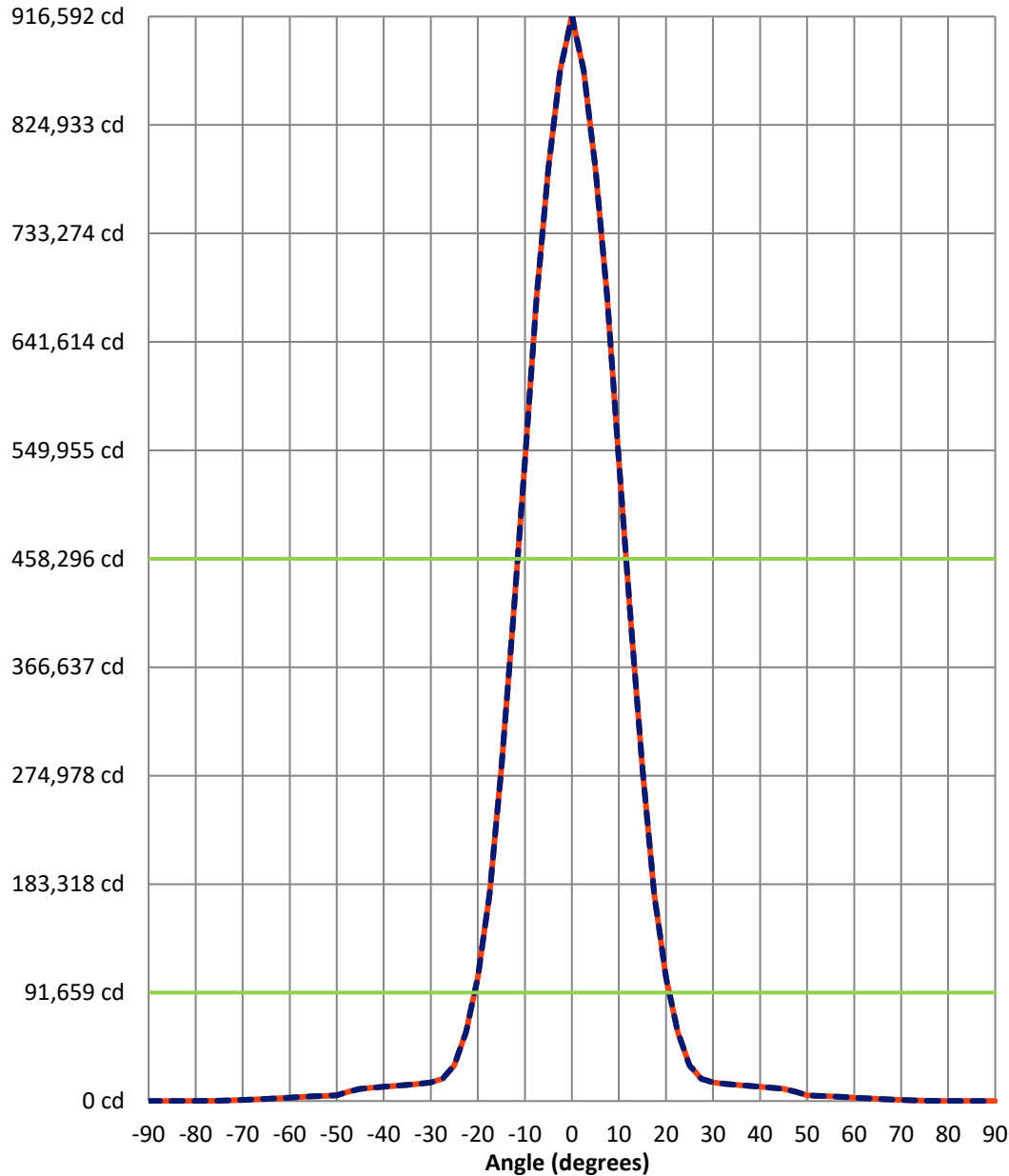
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 23.1°
V Angle: 23.1°
Lumens: 82914.4
Efficiency: 45.1%

Field:
H Angle: 41.4°
V Angle: 41.4°
Lumens: 146277.1
Efficiency: 79.5%

Spill:
Lumens: 37770
Efficiency: 20.5%

— 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	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.4	7.2	7.9
85°	0.0	1.6	3.3	4.9	6.5	8.1	9.7	11.2	12.8	14.3	15.8
82.5°	0.0	2.4	4.9	7.3	9.7	12.1	14.5	16.8	19.0	20.7	22.3
80°	0.0	3.2	6.5	9.7	12.9	16.1	19.1	21.4	23.7	25.9	28.1
77.5°	0.0	4.0	8.1	12.1	16.1	19.7	22.6	25.4	28.3	31.0	34.2
75°	0.0	4.8	9.7	14.5	19.1	22.6	26.0	29.5	33.0	37.2	41.5
72.5°	0.0	5.6	11.2	16.8	21.4	25.4	29.5	33.7	38.8	43.8	48.7
70°	0.0	6.4	12.8	19.0	23.7	28.3	33.0	38.8	44.6	50.3	57.4
67.5°	0.0	7.2	14.3	20.7	25.9	31.0	37.2	43.8	50.3	58.4	66.4
65°	0.0	7.9	15.8	22.3	28.1	34.2	41.5	48.7	57.4	66.4	79.8
62.5°	0.0	8.6	17.3	23.9	30.2	37.6	45.6	54.5	64.4	77.1	103.7
60°	0.0	9.3	18.7	25.5	32.3	41.0	49.6	60.5	71.3	98.2	127.1
57.5°	0.0	10.0	19.7	27.0	34.9	44.3	54.6	66.4	87.3	118.9	177.6
55°	0.0	10.7	20.7	28.5	37.5	47.5	59.5	72.1	105.2	147.0	239.8
52.5°	0.0	11.4	21.7	30.0	40.0	50.7	64.2	86.3	122.7	201.4	300.3
50°	0.0	12.0	22.6	31.4	42.4	54.6	68.9	101.0	148.4	254.3	393.5
47.5°	0.0	12.6	23.5	32.8	44.7	58.3	74.4	115.3	193.8	305.4	487.8
45°	0.0	13.2	24.4	34.5	46.9	61.9	86.2	129.1	237.5	386.4	578.8
42.5°	0.0	13.8	25.2	36.1	49.1	65.3	97.5	155.9	279.5	464.9	684.3
40°	0.0	14.3	26.0	37.6	51.4	68.6	108.2	190.9	328.1	539.9	788.2
37.5°	0.0	14.8	26.7	39.1	53.9	71.7	118.5	224.2	391.4	616.2	887.4
35°	0.0	15.3	27.4	40.5	56.2	78.0	128.2	255.7	451.4	700.4	986.9
32.5°	0.0	15.8	28.1	41.7	58.4	85.5	142.1	285.4	507.9	779.7	1089.2
30°	0.0	16.2	28.7	43.0	60.5	92.6	165.7	317.4	560.8	854.1	1185.1
27.5°	0.0	16.6	29.3	44.1	62.4	99.2	187.7	360.1	614.3	923.2	1274.3
25°	0.0	16.9	29.8	45.1	64.2	105.2	208.0	399.5	670.5	993.3	1357.2
22.5°	0.0	17.3	30.3	46.0	65.8	110.7	226.4	435.4	721.8	1060.4	1443.6
20°	0.0	17.6	30.7	46.9	67.2	115.7	243.0	467.8	768.1	1120.9	1521.5
17.5°	0.0	17.8	31.1	47.6	68.5	120.1	257.8	496.5	809.2	1174.8	1590.8
15°	0.0	18.1	31.5	48.3	69.6	123.9	270.7	521.5	845.1	1221.7	1651.4
12.5°	0.0	18.3	31.7	48.8	70.5	127.1	281.6	542.8	875.6	1261.7	1702.9
10°	0.0	18.4	32.0	49.3	71.3	129.8	290.6	560.3	900.6	1294.5	1745.3
7.5°	0.0	18.5	32.2	49.6	71.9	131.9	297.6	574.0	920.2	1320.2	1778.4
5°	0.0	18.6	32.3	49.9	72.4	133.4	302.6	583.8	934.2	1338.6	1802.1
2.5°	0.0	18.7	32.4	50.0	72.6	134.3	305.6	589.6	942.6	1349.6	1816.3
0°	0.0	18.7	32.4	50.1	72.7	134.6	306.6	591.6	945.4	1353.3	1821.1
-2.5°	0.0	18.7	32.4	50.0	72.6	134.3	305.6	589.6	942.6	1349.6	1816.3
-5°	0.0	18.6	32.3	49.9	72.4	133.4	302.6	583.8	934.2	1338.6	1802.1
-7.5°	0.0	18.5	32.2	49.6	71.9	131.9	297.6	574.0	920.2	1320.2	1778.4
-10°	0.0	18.4	32.0	49.3	71.3	129.8	290.6	560.3	900.6	1294.5	1745.3
-12.5°	0.0	18.3	31.7	48.8	70.5	127.1	281.6	542.8	875.6	1261.7	1702.9
-15°	0.0	18.1	31.5	48.3	69.6	123.9	270.7	521.5	845.1	1221.7	1651.4
-17.5°	0.0	17.8	31.1	47.6	68.5	120.1	257.8	496.5	809.2	1174.8	1590.8
-20°	0.0	17.6	30.7	46.9	67.2	115.7	243.0	467.8	768.1	1120.9	1521.5



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 CATALOG NUMBER: EPH-LS16-1200L-57-70-2S-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	17.3	30.3	46.0	65.8	110.7	226.4	435.4	721.8	1060.4	1443.6
-25°	0.0	16.9	29.8	45.1	64.2	105.2	208.0	399.5	670.5	993.3	1357.2
-27.5°	0.0	16.6	29.3	44.1	62.4	99.2	187.7	360.1	614.3	923.2	1274.3
-30°	0.0	16.2	28.7	43.0	60.5	92.6	165.7	317.4	560.8	854.1	1185.1
-32.5°	0.0	15.8	28.1	41.7	58.4	85.5	142.1	285.4	507.9	779.7	1089.2
-35°	0.0	15.3	27.4	40.5	56.2	78.0	128.2	255.7	451.4	700.4	986.9
-37.5°	0.0	14.8	26.7	39.1	53.9	71.7	118.5	224.2	391.4	616.2	887.4
-40°	0.0	14.3	26.0	37.6	51.4	68.6	108.2	190.9	328.1	539.9	788.2
-42.5°	0.0	13.8	25.2	36.1	49.1	65.3	97.5	155.9	279.5	464.9	684.3
-45°	0.0	13.2	24.4	34.5	46.9	61.9	86.2	129.1	237.5	386.4	578.8
-47.5°	0.0	12.6	23.5	32.8	44.7	58.3	74.4	115.3	193.8	305.4	487.8
-50°	0.0	12.0	22.6	31.4	42.4	54.6	68.9	101.0	148.4	254.3	393.5
-52.5°	0.0	11.4	21.7	30.0	40.0	50.7	64.2	86.3	122.7	201.4	300.3
-55°	0.0	10.7	20.7	28.5	37.5	47.5	59.5	72.1	105.2	147.0	239.8
-57.5°	0.0	10.0	19.7	27.0	34.9	44.3	54.6	66.4	87.3	118.9	177.6
-60°	0.0	9.3	18.7	25.5	32.3	41.0	49.6	60.5	71.3	98.2	127.1
-62.5°	0.0	8.6	17.3	23.9	30.2	37.6	45.6	54.5	64.4	77.1	103.7
-65°	0.0	7.9	15.8	22.3	28.1	34.2	41.5	48.7	57.4	66.4	79.8
-67.5°	0.0	7.2	14.3	20.7	25.9	31.0	37.2	43.8	50.3	58.4	66.4
-70°	0.0	6.4	12.8	19.0	23.7	28.3	33.0	38.8	44.6	50.3	57.4
-72.5°	0.0	5.6	11.2	16.8	21.4	25.4	29.5	33.7	38.8	43.8	48.7
-75°	0.0	4.8	9.7	14.5	19.1	22.6	26.0	29.5	33.0	37.2	41.5
-77.5°	0.0	4.0	8.1	12.1	16.1	19.7	22.6	25.4	28.3	31.0	34.2
-80°	0.0	3.2	6.5	9.7	12.9	16.1	19.1	21.4	23.7	25.9	28.1
-82.5°	0.0	2.4	4.9	7.3	9.7	12.1	14.5	16.8	19.0	20.7	22.3
-85°	0.0	1.6	3.3	4.9	6.5	8.1	9.7	11.2	12.8	14.3	15.8
-87.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.4	7.2	7.9
-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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 CATALOG NUMBER: EPH-LS16-1200L-57-70-2S-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°	8.6	9.3	10.0	10.7	11.4	12.0	12.6	13.2	13.8	14.3	14.8
85°	17.3	18.7	19.7	20.7	21.7	22.6	23.5	24.4	25.2	26.0	26.7
82.5°	23.9	25.5	27.0	28.5	30.0	31.4	32.8	34.5	36.1	37.6	39.1
80°	30.2	32.3	34.9	37.5	40.0	42.4	44.7	46.9	49.1	51.4	53.9
77.5°	37.6	41.0	44.3	47.5	50.7	54.6	58.3	61.9	65.3	68.6	71.7
75°	45.6	49.6	54.6	59.5	64.2	68.9	74.4	86.2	97.5	108.2	118.5
72.5°	54.5	60.5	66.4	72.1	86.3	101.0	115.3	129.1	155.9	190.9	224.2
70°	64.4	71.3	87.3	105.2	122.7	148.4	193.8	237.5	279.5	328.1	391.4
67.5°	77.1	98.2	118.9	147.0	201.4	254.3	305.4	386.4	464.9	539.9	616.2
65°	103.7	127.1	177.6	239.8	300.3	393.5	487.8	578.8	684.3	788.2	887.4
62.5°	129.9	193.0	262.9	347.4	457.7	564.9	687.4	811.9	931.7	1062.1	1188.4
60°	193.0	270.7	373.2	496.5	622.9	768.1	909.0	1060.4	1211.6	1357.2	1516.2
57.5°	262.9	373.2	509.5	655.2	816.9	978.7	1154.9	1325.4	1509.9	1691.1	1867.5
55°	347.4	496.5	655.2	833.2	1016.6	1212.1	1409.3	1620.4	1824.5	2035.0	2236.5
52.5°	457.7	622.9	816.9	1016.6	1231.3	1453.5	1687.3	1920.9	2156.2	2389.5	2630.7
50°	564.9	768.1	978.7	1212.1	1453.5	1709.7	1969.4	2229.7	2499.1	2768.8	3040.3
47.5°	687.4	909.0	1154.9	1409.3	1687.3	1969.4	2254.3	2554.3	2852.5	3162.6	3463.3
45°	811.9	1060.4	1325.4	1620.4	1920.9	2229.7	2554.3	2880.5	3224.2	3547.3	3825.2
42.5°	931.7	1211.6	1509.9	1824.5	2156.2	2499.1	2852.5	3224.2	3574.5	3880.4	4107.1
40°	1062.1	1357.2	1691.1	2035.0	2389.5	2768.8	3162.6	3547.3	3880.4	4123.7	4308.2
37.5°	1188.4	1516.2	1867.5	2236.5	2630.7	3040.3	3463.3	3825.2	4107.1	4308.2	4653.1
35°	1308.4	1667.3	2044.5	2440.2	2860.9	3308.9	3715.7	4057.6	4274.4	4621.9	5526.9
32.5°	1431.8	1810.2	2212.1	2642.1	3096.2	3553.7	3953.3	4207.5	4528.8	5176.5	7323.0
30°	1553.7	1953.5	2374.7	2832.4	3319.7	3762.7	4108.5	4375.5	4803.3	6787.0	8792.7
27.5°	1667.3	2087.8	2537.9	3021.2	3523.1	3958.7	4232.9	4617.1	5906.1	8227.0	10056.0
25°	1772.3	2212.1	2689.0	3199.9	3691.4	4086.6	4374.2	4842.4	7237.4	9336.1	10675.8
22.5°	1871.7	2326.1	2827.5	3364.0	3846.0	4185.4	4567.2	5842.0	8350.9	10335.8	11103.7
20°	1964.8	2440.2	2958.9	3508.9	3986.3	4275.2	4742.8	6885.5	9225.8	10700.9	11474.5
17.5°	2047.7	2541.8	3080.2	3623.9	4069.4	4386.3	5015.3	7822.7	10013.1	11030.2	11799.4
15°	2120.1	2630.7	3186.2	3724.6	4134.2	4513.6	5776.0	8489.4	10468.3	11314.2	12087.0
12.5°	2181.7	2706.4	3276.7	3810.6	4189.5	4622.6	6427.7	9039.4	10699.5	11543.4	12319.9
10°	2232.5	2768.8	3351.2	3881.5	4235.2	4712.6	6966.7	9494.9	10891.2	11733.9	12513.8
7.5°	2272.1	2817.5	3409.5	3936.9	4271.0	4783.2	7389.5	9852.6	11041.9	11883.9	12666.8
5°	2300.5	2852.5	3451.3	3976.7	4296.7	4833.9	7693.5	10110.0	11150.6	11992.1	12777.3
2.5°	2317.6	2873.5	3476.5	4000.7	4312.1	4864.4	7876.7	10265.2	11216.1	12057.4	12844.1
0°	2323.3	2880.5	3484.9	4008.7	4317.3	4874.6	7937.9	10317.1	11238.0	12079.3	12866.5
-2.5°	2317.6	2873.5	3476.5	4000.7	4312.1	4864.4	7876.7	10265.2	11216.1	12057.4	12844.1
-5°	2300.5	2852.5	3451.3	3976.7	4296.7	4833.9	7693.5	10110.0	11150.6	11992.1	12777.3
-7.5°	2272.1	2817.5	3409.5	3936.9	4271.0	4783.2	7389.5	9852.6	11041.9	11883.9	12666.8
-10°	2232.5	2768.8	3351.2	3881.5	4235.2	4712.6	6966.7	9494.9	10891.2	11733.9	12513.8
-12.5°	2181.7	2706.4	3276.7	3810.6	4189.5	4622.6	6427.7	9039.4	10699.5	11543.4	12319.9
-15°	2120.1	2630.7	3186.2	3724.6	4134.2	4513.6	5776.0	8489.4	10468.3	11314.2	12087.0
-17.5°	2047.7	2541.8	3080.2	3623.9	4069.4	4386.3	5015.3	7822.7	10013.1	11030.2	11799.4
-20°	1964.8	2440.2	2958.9	3508.9	3986.3	4275.2	4742.8	6885.5	9225.8	10700.9	11474.5



REPORT NUMBER: P1306477 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-57-70-2S-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1871.7	2326.1	2827.5	3364.0	3846.0	4185.4	4567.2	5842.0	8350.9	10335.8	11103.7
-25°	1772.3	2212.1	2689.0	3199.9	3691.4	4086.6	4374.2	4842.4	7237.4	9336.1	10675.8
-27.5°	1667.3	2087.8	2537.9	3021.2	3523.1	3958.7	4232.9	4617.1	5906.1	8227.0	10056.0
-30°	1553.7	1953.5	2374.7	2832.4	3319.7	3762.7	4108.5	4375.5	4803.3	6787.0	8792.7
-32.5°	1431.8	1810.2	2212.1	2642.1	3096.2	3553.7	3953.3	4207.5	4528.8	5176.5	7323.0
-35°	1308.4	1667.3	2044.5	2440.2	2860.9	3308.9	3715.7	4057.6	4274.4	4621.9	5526.9
-37.5°	1188.4	1516.2	1867.5	2236.5	2630.7	3040.3	3463.3	3825.2	4107.1	4308.2	4653.1
-40°	1062.1	1357.2	1691.1	2035.0	2389.5	2768.8	3162.6	3547.3	3880.4	4123.7	4308.2
-42.5°	931.7	1211.6	1509.9	1824.5	2156.2	2499.1	2852.5	3224.2	3574.5	3880.4	4107.1
-45°	811.9	1060.4	1325.4	1620.4	1920.9	2229.7	2554.3	2880.5	3224.2	3547.3	3825.2
-47.5°	687.4	909.0	1154.9	1409.3	1687.3	1969.4	2254.3	2554.3	2852.5	3162.6	3463.3
-50°	564.9	768.1	978.7	1212.1	1453.5	1709.7	1969.4	2229.7	2499.1	2768.8	3040.3
-52.5°	457.7	622.9	816.9	1016.6	1231.3	1453.5	1687.3	1920.9	2156.2	2389.5	2630.7
-55°	347.4	496.5	655.2	833.2	1016.6	1212.1	1409.3	1620.4	1824.5	2035.0	2236.5
-57.5°	262.9	373.2	509.5	655.2	816.9	978.7	1154.9	1325.4	1509.9	1691.1	1867.5
-60°	193.0	270.7	373.2	496.5	622.9	768.1	909.0	1060.4	1211.6	1357.2	1516.2
-62.5°	129.9	193.0	262.9	347.4	457.7	564.9	687.4	811.9	931.7	1062.1	1188.4
-65°	103.7	127.1	177.6	239.8	300.3	393.5	487.8	578.8	684.3	788.2	887.4
-67.5°	77.1	98.2	118.9	147.0	201.4	254.3	305.4	386.4	464.9	539.9	616.2
-70°	64.4	71.3	87.3	105.2	122.7	148.4	193.8	237.5	279.5	328.1	391.4
-72.5°	54.5	60.5	66.4	72.1	86.3	101.0	115.3	129.1	155.9	190.9	224.2
-75°	45.6	49.6	54.6	59.5	64.2	68.9	74.4	86.2	97.5	108.2	118.5
-77.5°	37.6	41.0	44.3	47.5	50.7	54.6	58.3	61.9	65.3	68.6	71.7
-80°	30.2	32.3	34.9	37.5	40.0	42.4	44.7	46.9	49.1	51.4	53.9
-82.5°	23.9	25.5	27.0	28.5	30.0	31.4	32.8	34.5	36.1	37.6	39.1
-85°	17.3	18.7	19.7	20.7	21.7	22.6	23.5	24.4	25.2	26.0	26.7
-87.5°	8.6	9.3	10.0	10.7	11.4	12.0	12.6	13.2	13.8	14.3	14.8
-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: P1306477 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-57-70-2S-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°	15.3	15.8	16.2	16.6	16.9	17.3	17.6	17.8	18.1	18.3	18.4
85°	27.4	28.1	28.7	29.3	29.8	30.3	30.7	31.1	31.5	31.7	32.0
82.5°	40.5	41.7	43.0	44.1	45.1	46.0	46.9	47.6	48.3	48.8	49.3
80°	56.2	58.4	60.5	62.4	64.2	65.8	67.2	68.5	69.6	70.5	71.3
77.5°	78.0	85.5	92.6	99.2	105.2	110.7	115.7	120.1	123.9	127.1	129.8
75°	128.2	142.1	165.7	187.7	208.0	226.4	243.0	257.8	270.7	281.6	290.6
72.5°	255.7	285.4	317.4	360.1	399.5	435.4	467.8	496.5	521.5	542.8	560.3
70°	451.4	507.9	560.8	614.3	670.5	721.8	768.1	809.2	845.1	875.6	900.6
67.5°	700.4	779.7	854.1	923.2	993.3	1060.4	1120.9	1174.8	1221.7	1261.7	1294.5
65°	986.9	1089.2	1185.1	1274.3	1357.2	1443.6	1521.5	1590.8	1651.4	1702.9	1745.3
62.5°	1308.4	1431.8	1553.7	1667.3	1772.3	1871.7	1964.8	2047.7	2120.1	2181.7	2232.5
60°	1667.3	1810.2	1953.5	2087.8	2212.1	2326.1	2440.2	2541.8	2630.7	2706.4	2768.8
57.5°	2044.5	2212.1	2374.7	2537.9	2689.0	2827.5	2958.9	3080.2	3186.2	3276.7	3351.2
55°	2440.2	2642.1	2832.4	3021.2	3199.9	3364.0	3508.9	3623.9	3724.6	3810.6	3881.5
52.5°	2860.9	3096.2	3319.7	3523.1	3691.4	3846.0	3986.3	4069.4	4134.2	4189.5	4235.2
50°	3308.9	3553.7	3762.7	3958.7	4086.6	4185.4	4275.2	4386.3	4513.6	4622.6	4712.6
47.5°	3715.7	3953.3	4108.5	4232.9	4374.2	4567.2	4742.8	5015.3	5776.0	6427.7	6966.7
45°	4057.6	4207.5	4375.5	4617.1	4842.4	5842.0	6885.5	7822.7	8489.4	9039.4	9494.9
42.5°	4274.4	4528.8	4803.3	5906.1	7237.4	8350.9	9225.8	10013.1	10468.3	10699.5	10891.2
40°	4621.9	5176.5	6787.0	8227.0	9336.1	10335.8	10700.9	11030.2	11314.2	11543.4	11733.9
37.5°	5526.9	7323.0	8792.7	10056.0	10675.8	11103.7	11474.5	11799.4	12087.0	12319.9	12513.8
35°	7503.0	9078.7	10385.9	10907.2	11384.9	11804.3	12183.7	12512.0	12804.0	13056.2	13266.6
32.5°	9078.7	10442.9	11024.3	11549.6	12029.2	12453.0	12842.1	13195.3	13510.5	13807.3	14075.9
30°	10385.9	11024.3	11604.9	12139.2	12617.8	13067.2	13484.0	13901.9	14302.1	14673.3	15044.9
27.5°	10907.2	11549.6	12139.2	12673.3	13181.6	13663.1	14187.4	14696.2	15246.0	15728.2	16819.1
25°	11384.9	12029.2	12617.8	13181.6	13733.2	14332.9	14982.9	15641.9	17097.9	18514.4	22024.6
22.5°	11804.3	12453.0	13067.2	13663.1	14332.9	15079.9	16037.2	17949.7	21943.4	27627.4	35749.4
20°	12183.7	12842.1	13484.0	14187.4	14982.9	16037.2	18238.6	24169.0	32381.2	47818.6	62818.2
17.5°	12512.0	13195.3	13901.9	14696.2	15641.9	17949.7	24169.0	35331.9	54075.8	79048.0	103353.3
15°	12804.0	13510.5	14302.1	15246.0	17097.9	21943.4	32381.2	54075.8	84614.8	120742.2	162101.5
12.5°	13056.2	13807.3	14673.3	15728.2	18514.4	27627.4	47818.6	79048.0	120742.2	172146.8	240557.5
10°	13266.6	14075.9	15044.9	16819.1	22024.6	35749.4	62818.2	103353.3	162101.5	240557.5	322818.7
7.5°	13433.0	14289.0	15340.7	17693.9	25566.1	45480.5	80630.2	133131.9	207731.5	302299.8	407748.6
5°	13553.4	14443.5	15555.8	18332.2	28161.9	52654.6	93863.4	156052.8	247542.3	356343.0	478276.4
2.5°	13626.3	14537.2	15686.5	18720.9	29747.7	57055.9	102029.1	170312.5	272608.2	393375.4	524145.4
0°	13650.7	14568.6	15730.3	18851.5	30281.2	58539.9	104791.1	175157.6	281183.1	406511.8	540252.9
-2.5°	13626.3	14537.2	15686.5	18720.9	29747.7	57055.9	102029.1	170312.5	272608.2	393375.4	524145.4
-5°	13553.4	14443.5	15555.8	18332.2	28161.9	52654.6	93863.4	156052.8	247542.3	356343.0	478276.4
-7.5°	13433.0	14289.0	15340.7	17693.9	25566.1	45480.5	80630.2	133131.9	207731.5	302299.8	407748.6
-10°	13266.6	14075.9	15044.9	16819.1	22024.6	35749.4	62818.2	103353.3	162101.5	240557.5	322818.7
-12.5°	13056.2	13807.3	14673.3	15728.2	18514.4	27627.4	47818.6	79048.0	120742.2	172146.8	240557.5
-15°	12804.0	13510.5	14302.1	15246.0	17097.9	21943.4	32381.2	54075.8	84614.8	120742.2	162101.5
-17.5°	12512.0	13195.3	13901.9	14696.2	15641.9	17949.7	24169.0	35331.9	54075.8	79048.0	103353.3
-20°	12183.7	12842.1	13484.0	14187.4	14982.9	16037.2	18238.6	24169.0	32381.2	47818.6	62818.2



REPORT NUMBER: P1306477 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-57-70-2S-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	11804.3	12453.0	13067.2	13663.1	14332.9	15079.9	16037.2	17949.7	21943.4	27627.4	35749.4
-25°	11384.9	12029.2	12617.8	13181.6	13733.2	14332.9	14982.9	15641.9	17097.9	18514.4	22024.6
-27.5°	10907.2	11549.6	12139.2	12673.3	13181.6	13663.1	14187.4	14696.2	15246.0	15728.2	16819.1
-30°	10385.9	11024.3	11604.9	12139.2	12617.8	13067.2	13484.0	13901.9	14302.1	14673.3	15044.9
-32.5°	9078.7	10442.9	11024.3	11549.6	12029.2	12453.0	12842.1	13195.3	13510.5	13807.3	14075.9
-35°	7503.0	9078.7	10385.9	10907.2	11384.9	11804.3	12183.7	12512.0	12804.0	13056.2	13266.6
-37.5°	5526.9	7323.0	8792.7	10056.0	10675.8	11103.7	11474.5	11799.4	12087.0	12319.9	12513.8
-40°	4621.9	5176.5	6787.0	8227.0	9336.1	10335.8	10700.9	11030.2	11314.2	11543.4	11733.9
-42.5°	4274.4	4528.8	4803.3	5906.1	7237.4	8350.9	9225.8	10013.1	10468.3	10699.5	10891.2
-45°	4057.6	4207.5	4375.5	4617.1	4842.4	5842.0	6885.5	7822.7	8489.4	9039.4	9494.9
-47.5°	3715.7	3953.3	4108.5	4232.9	4374.2	4567.2	4742.8	5015.3	5776.0	6427.7	6966.7
-50°	3308.9	3553.7	3762.7	3958.7	4086.6	4185.4	4275.2	4386.3	4513.6	4622.6	4712.6
-52.5°	2860.9	3096.2	3319.7	3523.1	3691.4	3846.0	3986.3	4069.4	4134.2	4189.5	4235.2
-55°	2440.2	2642.1	2832.4	3021.2	3199.9	3364.0	3508.9	3623.9	3724.6	3810.6	3881.5
-57.5°	2044.5	2212.1	2374.7	2537.9	2689.0	2827.5	2958.9	3080.2	3186.2	3276.7	3351.2
-60°	1667.3	1810.2	1953.5	2087.8	2212.1	2326.1	2440.2	2541.8	2630.7	2706.4	2768.8
-62.5°	1308.4	1431.8	1553.7	1667.3	1772.3	1871.7	1964.8	2047.7	2120.1	2181.7	2232.5
-65°	986.9	1089.2	1185.1	1274.3	1357.2	1443.6	1521.5	1590.8	1651.4	1702.9	1745.3
-67.5°	700.4	779.7	854.1	923.2	993.3	1060.4	1120.9	1174.8	1221.7	1261.7	1294.5
-70°	451.4	507.9	560.8	614.3	670.5	721.8	768.1	809.2	845.1	875.6	900.6
-72.5°	255.7	285.4	317.4	360.1	399.5	435.4	467.8	496.5	521.5	542.8	560.3
-75°	128.2	142.1	165.7	187.7	208.0	226.4	243.0	257.8	270.7	281.6	290.6
-77.5°	78.0	85.5	92.6	99.2	105.2	110.7	115.7	120.1	123.9	127.1	129.8
-80°	56.2	58.4	60.5	62.4	64.2	65.8	67.2	68.5	69.6	70.5	71.3
-82.5°	40.5	41.7	43.0	44.1	45.1	46.0	46.9	47.6	48.3	48.8	49.3
-85°	27.4	28.1	28.7	29.3	29.8	30.3	30.7	31.1	31.5	31.7	32.0
-87.5°	15.3	15.8	16.2	16.6	16.9	17.3	17.6	17.8	18.1	18.3	18.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1306477 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-57-70-2S-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°	18.5	18.6	18.7	18.7	18.7	18.6	18.5	18.4	18.3	18.1	17.8
85°	32.2	32.3	32.4	32.4	32.4	32.3	32.2	32.0	31.7	31.5	31.1
82.5°	49.6	49.9	50.0	50.1	50.0	49.9	49.6	49.3	48.8	48.3	47.6
80°	71.9	72.4	72.6	72.7	72.6	72.4	71.9	71.3	70.5	69.6	68.5
77.5°	131.9	133.4	134.3	134.6	134.3	133.4	131.9	129.8	127.1	123.9	120.1
75°	297.6	302.6	305.6	306.6	305.6	302.6	297.6	290.6	281.6	270.7	257.8
72.5°	574.0	583.8	589.6	591.6	589.6	583.8	574.0	560.3	542.8	521.5	496.5
70°	920.2	934.2	942.6	945.4	942.6	934.2	920.2	900.6	875.6	845.1	809.2
67.5°	1320.2	1338.6	1349.6	1353.3	1349.6	1338.6	1320.2	1294.5	1261.7	1221.7	1174.8
65°	1778.4	1802.1	1816.3	1821.1	1816.3	1802.1	1778.4	1745.3	1702.9	1651.4	1590.8
62.5°	2272.1	2300.5	2317.6	2323.3	2317.6	2300.5	2272.1	2232.5	2181.7	2120.1	2047.7
60°	2817.5	2852.5	2873.5	2880.5	2873.5	2852.5	2817.5	2768.8	2706.4	2630.7	2541.8
57.5°	3409.5	3451.3	3476.5	3484.9	3476.5	3451.3	3409.5	3351.2	3276.7	3186.2	3080.2
55°	3936.9	3976.7	4000.7	4008.7	4000.7	3976.7	3936.9	3881.5	3810.6	3724.6	3623.9
52.5°	4271.0	4296.7	4312.1	4317.3	4312.1	4296.7	4271.0	4235.2	4189.5	4134.2	4069.4
50°	4783.2	4833.9	4864.4	4874.6	4864.4	4833.9	4783.2	4712.6	4622.6	4513.6	4386.3
47.5°	7389.5	7693.5	7876.7	7937.9	7876.7	7693.5	7389.5	6966.7	6427.7	5776.0	5015.3
45°	9852.6	10110.0	10265.2	10317.1	10265.2	10110.0	9852.6	9494.9	9039.4	8489.4	7822.7
42.5°	11041.9	11150.6	11216.1	11238.0	11216.1	11150.6	11041.9	10891.2	10699.5	10468.3	10013.1
40°	11883.9	11992.1	12057.4	12079.3	12057.4	11992.1	11883.9	11733.9	11543.4	11314.2	11030.2
37.5°	12666.8	12777.3	12844.1	12866.5	12844.1	12777.3	12666.8	12513.8	12319.9	12087.0	11799.4
35°	13433.0	13553.4	13626.3	13650.7	13626.3	13553.4	13433.0	13266.6	13056.2	12804.0	12512.0
32.5°	14289.0	14443.5	14537.2	14568.6	14537.2	14443.5	14289.0	14075.9	13807.3	13510.5	13195.3
30°	15340.7	15555.8	15686.5	15730.3	15686.5	15555.8	15340.7	15044.9	14673.3	14302.1	13901.9
27.5°	17693.9	18332.2	18720.9	18851.5	18720.9	18332.2	17693.9	16819.1	15728.2	15246.0	14696.2
25°	25566.1	28161.9	29747.7	30281.2	29747.7	28161.9	25566.1	22024.6	18514.4	17097.9	15641.9
22.5°	45480.5	52654.6	57055.9	58539.9	57055.9	52654.6	45480.5	35749.4	27627.4	21943.4	17949.7
20°	80630.2	93863.4	102029.1	104791.1	102029.1	93863.4	80630.2	62818.2	47818.6	32381.2	24169.0
17.5°	133131.9	156052.8	170312.5	175157.6	170312.5	156052.8	133131.9	103353.3	79048.0	54075.8	35331.9
15°	207731.5	247542.3	272608.2	281183.1	272608.2	247542.3	207731.5	162101.5	120742.2	84614.8	54075.8
12.5°	302299.8	356343.0	393375.4	406511.8	393375.4	356343.0	302299.8	240557.5	172146.8	120742.2	79048.0
10°	407748.6	478276.4	524145.4	540252.9	524145.4	478276.4	407748.6	322818.7	240557.5	162101.5	103353.3
7.5°	508986.6	595955.7	658221.6	679430.7	658221.6	595955.7	508986.6	407748.6	302299.8	207731.5	133131.9
5°	595955.7	702216.5	765931.2	788265.4	765931.2	702216.5	595955.7	478276.4	356343.0	247542.3	156052.8
2.5°	658221.6	765931.2	838060.7	870951.6	838060.7	765931.2	658221.6	524145.4	393375.4	272608.2	170312.5
0°	679430.7	788265.4	870951.6	916592.0	870951.6	788265.4	679430.7	540252.9	406511.8	281183.1	175157.6
-2.5°	658221.6	765931.2	838060.7	870951.6	838060.7	765931.2	658221.6	524145.4	393375.4	272608.2	170312.5
-5°	595955.7	702216.5	765931.2	788265.4	765931.2	702216.5	595955.7	478276.4	356343.0	247542.3	156052.8
-7.5°	508986.6	595955.7	658221.6	679430.7	658221.6	595955.7	508986.6	407748.6	302299.8	207731.5	133131.9
-10°	407748.6	478276.4	524145.4	540252.9	524145.4	478276.4	407748.6	322818.7	240557.5	162101.5	103353.3
-12.5°	302299.8	356343.0	393375.4	406511.8	393375.4	356343.0	302299.8	240557.5	172146.8	120742.2	79048.0
-15°	207731.5	247542.3	272608.2	281183.1	272608.2	247542.3	207731.5	162101.5	120742.2	84614.8	54075.8
-17.5°	133131.9	156052.8	170312.5	175157.6	170312.5	156052.8	133131.9	103353.3	79048.0	54075.8	35331.9
-20°	80630.2	93863.4	102029.1	104791.1	102029.1	93863.4	80630.2	62818.2	47818.6	32381.2	24169.0



REPORT NUMBER: P1306477 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-57-70-2S-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	45480.5	52654.6	57055.9	58539.9	57055.9	52654.6	45480.5	35749.4	27627.4	21943.4	17949.7
-25°	25566.1	28161.9	29747.7	30281.2	29747.7	28161.9	25566.1	22024.6	18514.4	17097.9	15641.9
-27.5°	17693.9	18332.2	18720.9	18851.5	18720.9	18332.2	17693.9	16819.1	15728.2	15246.0	14696.2
-30°	15340.7	15555.8	15686.5	15730.3	15686.5	15555.8	15340.7	15044.9	14673.3	14302.1	13901.9
-32.5°	14289.0	14443.5	14537.2	14568.6	14537.2	14443.5	14289.0	14075.9	13807.3	13510.5	13195.3
-35°	13433.0	13553.4	13626.3	13650.7	13626.3	13553.4	13433.0	13266.6	13056.2	12804.0	12512.0
-37.5°	12666.8	12777.3	12844.1	12866.5	12844.1	12777.3	12666.8	12513.8	12319.9	12087.0	11799.4
-40°	11883.9	11992.1	12057.4	12079.3	12057.4	11992.1	11883.9	11733.9	11543.4	11314.2	11030.2
-42.5°	11041.9	11150.6	11216.1	11238.0	11216.1	11150.6	11041.9	10891.2	10699.5	10468.3	10013.1
-45°	9852.6	10110.0	10265.2	10317.1	10265.2	10110.0	9852.6	9494.9	9039.4	8489.4	7822.7
-47.5°	7389.5	7693.5	7876.7	7937.9	7876.7	7693.5	7389.5	6966.7	6427.7	5776.0	5015.3
-50°	4783.2	4833.9	4864.4	4874.6	4864.4	4833.9	4783.2	4712.6	4622.6	4513.6	4386.3
-52.5°	4271.0	4296.7	4312.1	4317.3	4312.1	4296.7	4271.0	4235.2	4189.5	4134.2	4069.4
-55°	3936.9	3976.7	4000.7	4008.7	4000.7	3976.7	3936.9	3881.5	3810.6	3724.6	3623.9
-57.5°	3409.5	3451.3	3476.5	3484.9	3476.5	3451.3	3409.5	3351.2	3276.7	3186.2	3080.2
-60°	2817.5	2852.5	2873.5	2880.5	2873.5	2852.5	2817.5	2768.8	2706.4	2630.7	2541.8
-62.5°	2272.1	2300.5	2317.6	2323.3	2317.6	2300.5	2272.1	2232.5	2181.7	2120.1	2047.7
-65°	1778.4	1802.1	1816.3	1821.1	1816.3	1802.1	1778.4	1745.3	1702.9	1651.4	1590.8
-67.5°	1320.2	1338.6	1349.6	1353.3	1349.6	1338.6	1320.2	1294.5	1261.7	1221.7	1174.8
-70°	920.2	934.2	942.6	945.4	942.6	934.2	920.2	900.6	875.6	845.1	809.2
-72.5°	574.0	583.8	589.6	591.6	589.6	583.8	574.0	560.3	542.8	521.5	496.5
-75°	297.6	302.6	305.6	306.6	305.6	302.6	297.6	290.6	281.6	270.7	257.8
-77.5°	131.9	133.4	134.3	134.6	134.3	133.4	131.9	129.8	127.1	123.9	120.1
-80°	71.9	72.4	72.6	72.7	72.6	72.4	71.9	71.3	70.5	69.6	68.5
-82.5°	49.6	49.9	50.0	50.1	50.0	49.9	49.6	49.3	48.8	48.3	47.6
-85°	32.2	32.3	32.4	32.4	32.4	32.3	32.2	32.0	31.7	31.5	31.1
-87.5°	18.5	18.6	18.7	18.7	18.7	18.6	18.5	18.4	18.3	18.1	17.8
-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: P1306477 (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°	17.6	17.3	16.9	16.6	16.2	15.8	15.3	14.8	14.3	13.8	13.2
85°	30.7	30.3	29.8	29.3	28.7	28.1	27.4	26.7	26.0	25.2	24.4
82.5°	46.9	46.0	45.1	44.1	43.0	41.7	40.5	39.1	37.6	36.1	34.5
80°	67.2	65.8	64.2	62.4	60.5	58.4	56.2	53.9	51.4	49.1	46.9
77.5°	115.7	110.7	105.2	99.2	92.6	85.5	78.0	71.7	68.6	65.3	61.9
75°	243.0	226.4	208.0	187.7	165.7	142.1	128.2	118.5	108.2	97.5	86.2
72.5°	467.8	435.4	399.5	360.1	317.4	285.4	255.7	224.2	190.9	155.9	129.1
70°	768.1	721.8	670.5	614.3	560.8	507.9	451.4	391.4	328.1	279.5	237.5
67.5°	1120.9	1060.4	993.3	923.2	854.1	779.7	700.4	616.2	539.9	464.9	386.4
65°	1521.5	1443.6	1357.2	1274.3	1185.1	1089.2	986.9	887.4	788.2	684.3	578.8
62.5°	1964.8	1871.7	1772.3	1667.3	1553.7	1431.8	1308.4	1188.4	1062.1	931.7	811.9
60°	2440.2	2326.1	2212.1	2087.8	1953.5	1810.2	1667.3	1516.2	1357.2	1211.6	1060.4
57.5°	2958.9	2827.5	2689.0	2537.9	2374.7	2212.1	2044.5	1867.5	1691.1	1509.9	1325.4
55°	3508.9	3364.0	3199.9	3021.2	2832.4	2642.1	2440.2	2236.5	2035.0	1824.5	1620.4
52.5°	3986.3	3846.0	3691.4	3523.1	3319.7	3096.2	2860.9	2630.7	2389.5	2156.2	1920.9
50°	4275.2	4185.4	4086.6	3958.7	3762.7	3553.7	3308.9	3040.3	2768.8	2499.1	2229.7
47.5°	4742.8	4567.2	4374.2	4232.9	4108.5	3953.3	3715.7	3463.3	3162.6	2852.5	2554.3
45°	6885.5	5842.0	4842.4	4617.1	4375.5	4207.5	4057.6	3825.2	3547.3	3224.2	2880.5
42.5°	9225.8	8350.9	7237.4	5906.1	4803.3	4528.8	4274.4	4107.1	3880.4	3574.5	3224.2
40°	10700.9	10335.8	9336.1	8227.0	6787.0	5176.5	4621.9	4308.2	4123.7	3880.4	3547.3
37.5°	11474.5	11103.7	10675.8	10056.0	8792.7	7323.0	5526.9	4653.1	4308.2	4107.1	3825.2
35°	12183.7	11804.3	11384.9	10907.2	10385.9	9078.7	7503.0	5526.9	4621.9	4274.4	4057.6
32.5°	12842.1	12453.0	12029.2	11549.6	11024.3	10442.9	9078.7	7323.0	5176.5	4528.8	4207.5
30°	13484.0	13067.2	12617.8	12139.2	11604.9	11024.3	10385.9	8792.7	6787.0	4803.3	4375.5
27.5°	14187.4	13663.1	13181.6	12673.3	12139.2	11549.6	10907.2	10056.0	8227.0	5906.1	4617.1
25°	14982.9	14332.9	13733.2	13181.6	12617.8	12029.2	11384.9	10675.8	9336.1	7237.4	4842.4
22.5°	16037.2	15079.9	14332.9	13663.1	13067.2	12453.0	11804.3	11103.7	10335.8	8350.9	5842.0
20°	18238.6	16037.2	14982.9	14187.4	13484.0	12842.1	12183.7	11474.5	10700.9	9225.8	6885.5
17.5°	24169.0	17949.7	15641.9	14696.2	13901.9	13195.3	12512.0	11799.4	11030.2	10013.1	7822.7
15°	32381.2	21943.4	17097.9	15246.0	14302.1	13510.5	12804.0	12087.0	11314.2	10468.3	8489.4
12.5°	47818.6	27627.4	18514.4	15728.2	14673.3	13807.3	13056.2	12319.9	11543.4	10699.5	9039.4
10°	62818.2	35749.4	22024.6	16819.1	15044.9	14075.9	13266.6	12513.8	11733.9	10891.2	9494.9
7.5°	80630.2	45480.5	25566.1	17693.9	15340.7	14289.0	13433.0	12666.8	11883.9	11041.9	9852.6
5°	93863.4	52654.6	28161.9	18332.2	15555.8	14443.5	13553.4	12777.3	11992.1	11150.6	10110.0
2.5°	102029.1	57055.9	29747.7	18720.9	15686.5	14537.2	13626.3	12844.1	12057.4	11216.1	10265.2
0°	104791.1	58539.9	30281.2	18851.5	15730.3	14568.6	13650.7	12866.5	12079.3	11238.0	10317.1
-2.5°	102029.1	57055.9	29747.7	18720.9	15686.5	14537.2	13626.3	12844.1	12057.4	11216.1	10265.2
-5°	93863.4	52654.6	28161.9	18332.2	15555.8	14443.5	13553.4	12777.3	11992.1	11150.6	10110.0
-7.5°	80630.2	45480.5	25566.1	17693.9	15340.7	14289.0	13433.0	12666.8	11883.9	11041.9	9852.6
-10°	62818.2	35749.4	22024.6	16819.1	15044.9	14075.9	13266.6	12513.8	11733.9	10891.2	9494.9
-12.5°	47818.6	27627.4	18514.4	15728.2	14673.3	13807.3	13056.2	12319.9	11543.4	10699.5	9039.4
-15°	32381.2	21943.4	17097.9	15246.0	14302.1	13510.5	12804.0	12087.0	11314.2	10468.3	8489.4
-17.5°	24169.0	17949.7	15641.9	14696.2	13901.9	13195.3	12512.0	11799.4	11030.2	10013.1	7822.7
-20°	18238.6	16037.2	14982.9	14187.4	13484.0	12842.1	12183.7	11474.5	10700.9	9225.8	6885.5



REPORT NUMBER: P1306477 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-57-70-2S-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	16037.2	15079.9	14332.9	13663.1	13067.2	12453.0	11804.3	11103.7	10335.8	8350.9	5842.0
-25°	14982.9	14332.9	13733.2	13181.6	12617.8	12029.2	11384.9	10675.8	9336.1	7237.4	4842.4
-27.5°	14187.4	13663.1	13181.6	12673.3	12139.2	11549.6	10907.2	10056.0	8227.0	5906.1	4617.1
-30°	13484.0	13067.2	12617.8	12139.2	11604.9	11024.3	10385.9	8792.7	6787.0	4803.3	4375.5
-32.5°	12842.1	12453.0	12029.2	11549.6	11024.3	10442.9	9078.7	7323.0	5176.5	4528.8	4207.5
-35°	12183.7	11804.3	11384.9	10907.2	10385.9	9078.7	7503.0	5526.9	4621.9	4274.4	4057.6
-37.5°	11474.5	11103.7	10675.8	10056.0	8792.7	7323.0	5526.9	4653.1	4308.2	4107.1	3825.2
-40°	10700.9	10335.8	9336.1	8227.0	6787.0	5176.5	4621.9	4308.2	4123.7	3880.4	3547.3
-42.5°	9225.8	8350.9	7237.4	5906.1	4803.3	4528.8	4274.4	4107.1	3880.4	3574.5	3224.2
-45°	6885.5	5842.0	4842.4	4617.1	4375.5	4207.5	4057.6	3825.2	3547.3	3224.2	2880.5
-47.5°	4742.8	4567.2	4374.2	4232.9	4108.5	3953.3	3715.7	3463.3	3162.6	2852.5	2554.3
-50°	4275.2	4185.4	4086.6	3958.7	3762.7	3553.7	3308.9	3040.3	2768.8	2499.1	2229.7
-52.5°	3986.3	3846.0	3691.4	3523.1	3319.7	3096.2	2860.9	2630.7	2389.5	2156.2	1920.9
-55°	3508.9	3364.0	3199.9	3021.2	2832.4	2642.1	2440.2	2236.5	2035.0	1824.5	1620.4
-57.5°	2958.9	2827.5	2689.0	2537.9	2374.7	2212.1	2044.5	1867.5	1691.1	1509.9	1325.4
-60°	2440.2	2326.1	2212.1	2087.8	1953.5	1810.2	1667.3	1516.2	1357.2	1211.6	1060.4
-62.5°	1964.8	1871.7	1772.3	1667.3	1553.7	1431.8	1308.4	1188.4	1062.1	931.7	811.9
-65°	1521.5	1443.6	1357.2	1274.3	1185.1	1089.2	986.9	887.4	788.2	684.3	578.8
-67.5°	1120.9	1060.4	993.3	923.2	854.1	779.7	700.4	616.2	539.9	464.9	386.4
-70°	768.1	721.8	670.5	614.3	560.8	507.9	451.4	391.4	328.1	279.5	237.5
-72.5°	467.8	435.4	399.5	360.1	317.4	285.4	255.7	224.2	190.9	155.9	129.1
-75°	243.0	226.4	208.0	187.7	165.7	142.1	128.2	118.5	108.2	97.5	86.2
-77.5°	115.7	110.7	105.2	99.2	92.6	85.5	78.0	71.7	68.6	65.3	61.9
-80°	67.2	65.8	64.2	62.4	60.5	58.4	56.2	53.9	51.4	49.1	46.9
-82.5°	46.9	46.0	45.1	44.1	43.0	41.7	40.5	39.1	37.6	36.1	34.5
-85°	30.7	30.3	29.8	29.3	28.7	28.1	27.4	26.7	26.0	25.2	24.4
-87.5°	17.6	17.3	16.9	16.6	16.2	15.8	15.3	14.8	14.3	13.8	13.2
-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: P1306477 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-57-70-2S-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°	12.6	12.0	11.4	10.7	10.0	9.3	8.6	7.9	7.2	6.4	5.6
85°	23.5	22.6	21.7	20.7	19.7	18.7	17.3	15.8	14.3	12.8	11.2
82.5°	32.8	31.4	30.0	28.5	27.0	25.5	23.9	22.3	20.7	19.0	16.8
80°	44.7	42.4	40.0	37.5	34.9	32.3	30.2	28.1	25.9	23.7	21.4
77.5°	58.3	54.6	50.7	47.5	44.3	41.0	37.6	34.2	31.0	28.3	25.4
75°	74.4	68.9	64.2	59.5	54.6	49.6	45.6	41.5	37.2	33.0	29.5
72.5°	115.3	101.0	86.3	72.1	66.4	60.5	54.5	48.7	43.8	38.8	33.7
70°	193.8	148.4	122.7	105.2	87.3	71.3	64.4	57.4	50.3	44.6	38.8
67.5°	305.4	254.3	201.4	147.0	118.9	98.2	77.1	66.4	58.4	50.3	43.8
65°	487.8	393.5	300.3	239.8	177.6	127.1	103.7	79.8	66.4	57.4	48.7
62.5°	687.4	564.9	457.7	347.4	262.9	193.0	129.9	103.7	77.1	64.4	54.5
60°	909.0	768.1	622.9	496.5	373.2	270.7	193.0	127.1	98.2	71.3	60.5
57.5°	1154.9	978.7	816.9	655.2	509.5	373.2	262.9	177.6	118.9	87.3	66.4
55°	1409.3	1212.1	1016.6	833.2	655.2	496.5	347.4	239.8	147.0	105.2	72.1
52.5°	1687.3	1453.5	1231.3	1016.6	816.9	622.9	457.7	300.3	201.4	122.7	86.3
50°	1969.4	1709.7	1453.5	1212.1	978.7	768.1	564.9	393.5	254.3	148.4	101.0
47.5°	2254.3	1969.4	1687.3	1409.3	1154.9	909.0	687.4	487.8	305.4	193.8	115.3
45°	2554.3	2229.7	1920.9	1620.4	1325.4	1060.4	811.9	578.8	386.4	237.5	129.1
42.5°	2852.5	2499.1	2156.2	1824.5	1509.9	1211.6	931.7	684.3	464.9	279.5	155.9
40°	3162.6	2768.8	2389.5	2035.0	1691.1	1357.2	1062.1	788.2	539.9	328.1	190.9
37.5°	3463.3	3040.3	2630.7	2236.5	1867.5	1516.2	1188.4	887.4	616.2	391.4	224.2
35°	3715.7	3308.9	2860.9	2440.2	2044.5	1667.3	1308.4	986.9	700.4	451.4	255.7
32.5°	3953.3	3553.7	3096.2	2642.1	2212.1	1810.2	1431.8	1089.2	779.7	507.9	285.4
30°	4108.5	3762.7	3319.7	2832.4	2374.7	1953.5	1553.7	1185.1	854.1	560.8	317.4
27.5°	4232.9	3958.7	3523.1	3021.2	2537.9	2087.8	1667.3	1274.3	923.2	614.3	360.1
25°	4374.2	4086.6	3691.4	3199.9	2689.0	2212.1	1772.3	1357.2	993.3	670.5	399.5
22.5°	4567.2	4185.4	3846.0	3364.0	2827.5	2326.1	1871.7	1443.6	1060.4	721.8	435.4
20°	4742.8	4275.2	3986.3	3508.9	2958.9	2440.2	1964.8	1521.5	1120.9	768.1	467.8
17.5°	5015.3	4386.3	4069.4	3623.9	3080.2	2541.8	2047.7	1590.8	1174.8	809.2	496.5
15°	5776.0	4513.6	4134.2	3724.6	3186.2	2630.7	2120.1	1651.4	1221.7	845.1	521.5
12.5°	6427.7	4622.6	4189.5	3810.6	3276.7	2706.4	2181.7	1702.9	1261.7	875.6	542.8
10°	6966.7	4712.6	4235.2	3881.5	3351.2	2768.8	2232.5	1745.3	1294.5	900.6	560.3
7.5°	7389.5	4783.2	4271.0	3936.9	3409.5	2817.5	2272.1	1778.4	1320.2	920.2	574.0
5°	7693.5	4833.9	4296.7	3976.7	3451.3	2852.5	2300.5	1802.1	1338.6	934.2	583.8
2.5°	7876.7	4864.4	4312.1	4000.7	3476.5	2873.5	2317.6	1816.3	1349.6	942.6	589.6
0°	7937.9	4874.6	4317.3	4008.7	3484.9	2880.5	2323.3	1821.1	1353.3	945.4	591.6
-2.5°	7876.7	4864.4	4312.1	4000.7	3476.5	2873.5	2317.6	1816.3	1349.6	942.6	589.6
-5°	7693.5	4833.9	4296.7	3976.7	3451.3	2852.5	2300.5	1802.1	1338.6	934.2	583.8
-7.5°	7389.5	4783.2	4271.0	3936.9	3409.5	2817.5	2272.1	1778.4	1320.2	920.2	574.0
-10°	6966.7	4712.6	4235.2	3881.5	3351.2	2768.8	2232.5	1745.3	1294.5	900.6	560.3
-12.5°	6427.7	4622.6	4189.5	3810.6	3276.7	2706.4	2181.7	1702.9	1261.7	875.6	542.8
-15°	5776.0	4513.6	4134.2	3724.6	3186.2	2630.7	2120.1	1651.4	1221.7	845.1	521.5
-17.5°	5015.3	4386.3	4069.4	3623.9	3080.2	2541.8	2047.7	1590.8	1174.8	809.2	496.5
-20°	4742.8	4275.2	3986.3	3508.9	2958.9	2440.2	1964.8	1521.5	1120.9	768.1	467.8



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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°	4567.2	4185.4	3846.0	3364.0	2827.5	2326.1	1871.7	1443.6	1060.4	721.8	435.4
-25°	4374.2	4086.6	3691.4	3199.9	2689.0	2212.1	1772.3	1357.2	993.3	670.5	399.5
-27.5°	4232.9	3958.7	3523.1	3021.2	2537.9	2087.8	1667.3	1274.3	923.2	614.3	360.1
-30°	4108.5	3762.7	3319.7	2832.4	2374.7	1953.5	1553.7	1185.1	854.1	560.8	317.4
-32.5°	3953.3	3553.7	3096.2	2642.1	2212.1	1810.2	1431.8	1089.2	779.7	507.9	285.4
-35°	3715.7	3308.9	2860.9	2440.2	2044.5	1667.3	1308.4	986.9	700.4	451.4	255.7
-37.5°	3463.3	3040.3	2630.7	2236.5	1867.5	1516.2	1188.4	887.4	616.2	391.4	224.2
-40°	3162.6	2768.8	2389.5	2035.0	1691.1	1357.2	1062.1	788.2	539.9	328.1	190.9
-42.5°	2852.5	2499.1	2156.2	1824.5	1509.9	1211.6	931.7	684.3	464.9	279.5	155.9
-45°	2554.3	2229.7	1920.9	1620.4	1325.4	1060.4	811.9	578.8	386.4	237.5	129.1
-47.5°	2254.3	1969.4	1687.3	1409.3	1154.9	909.0	687.4	487.8	305.4	193.8	115.3
-50°	1969.4	1709.7	1453.5	1212.1	978.7	768.1	564.9	393.5	254.3	148.4	101.0
-52.5°	1687.3	1453.5	1231.3	1016.6	816.9	622.9	457.7	300.3	201.4	122.7	86.3
-55°	1409.3	1212.1	1016.6	833.2	655.2	496.5	347.4	239.8	147.0	105.2	72.1
-57.5°	1154.9	978.7	816.9	655.2	509.5	373.2	262.9	177.6	118.9	87.3	66.4
-60°	909.0	768.1	622.9	496.5	373.2	270.7	193.0	127.1	98.2	71.3	60.5
-62.5°	687.4	564.9	457.7	347.4	262.9	193.0	129.9	103.7	77.1	64.4	54.5
-65°	487.8	393.5	300.3	239.8	177.6	127.1	103.7	79.8	66.4	57.4	48.7
-67.5°	305.4	254.3	201.4	147.0	118.9	98.2	77.1	66.4	58.4	50.3	43.8
-70°	193.8	148.4	122.7	105.2	87.3	71.3	64.4	57.4	50.3	44.6	38.8
-72.5°	115.3	101.0	86.3	72.1	66.4	60.5	54.5	48.7	43.8	38.8	33.7
-75°	74.4	68.9	64.2	59.5	54.6	49.6	45.6	41.5	37.2	33.0	29.5
-77.5°	58.3	54.6	50.7	47.5	44.3	41.0	37.6	34.2	31.0	28.3	25.4
-80°	44.7	42.4	40.0	37.5	34.9	32.3	30.2	28.1	25.9	23.7	21.4
-82.5°	32.8	31.4	30.0	28.5	27.0	25.5	23.9	22.3	20.7	19.0	16.8
-85°	23.5	22.6	21.7	20.7	19.7	18.7	17.3	15.8	14.3	12.8	11.2
-87.5°	12.6	12.0	11.4	10.7	10.0	9.3	8.6	7.9	7.2	6.4	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



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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°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
85°	9.7	8.1	6.5	4.9	3.3	1.6	0.0
82.5°	14.5	12.1	9.7	7.3	4.9	2.4	0.0
80°	19.1	16.1	12.9	9.7	6.5	3.2	0.0
77.5°	22.6	19.7	16.1	12.1	8.1	4.0	0.0
75°	26.0	22.6	19.1	14.5	9.7	4.8	0.0
72.5°	29.5	25.4	21.4	16.8	11.2	5.6	0.0
70°	33.0	28.3	23.7	19.0	12.8	6.4	0.0
67.5°	37.2	31.0	25.9	20.7	14.3	7.2	0.0
65°	41.5	34.2	28.1	22.3	15.8	7.9	0.0
62.5°	45.6	37.6	30.2	23.9	17.3	8.6	0.0
60°	49.6	41.0	32.3	25.5	18.7	9.3	0.0
57.5°	54.6	44.3	34.9	27.0	19.7	10.0	0.0
55°	59.5	47.5	37.5	28.5	20.7	10.7	0.0
52.5°	64.2	50.7	40.0	30.0	21.7	11.4	0.0
50°	68.9	54.6	42.4	31.4	22.6	12.0	0.0
47.5°	74.4	58.3	44.7	32.8	23.5	12.6	0.0
45°	86.2	61.9	46.9	34.5	24.4	13.2	0.0
42.5°	97.5	65.3	49.1	36.1	25.2	13.8	0.0
40°	108.2	68.6	51.4	37.6	26.0	14.3	0.0
37.5°	118.5	71.7	53.9	39.1	26.7	14.8	0.0
35°	128.2	78.0	56.2	40.5	27.4	15.3	0.0
32.5°	142.1	85.5	58.4	41.7	28.1	15.8	0.0
30°	165.7	92.6	60.5	43.0	28.7	16.2	0.0
27.5°	187.7	99.2	62.4	44.1	29.3	16.6	0.0
25°	208.0	105.2	64.2	45.1	29.8	16.9	0.0
22.5°	226.4	110.7	65.8	46.0	30.3	17.3	0.0
20°	243.0	115.7	67.2	46.9	30.7	17.6	0.0
17.5°	257.8	120.1	68.5	47.6	31.1	17.8	0.0
15°	270.7	123.9	69.6	48.3	31.5	18.1	0.0
12.5°	281.6	127.1	70.5	48.8	31.7	18.3	0.0
10°	290.6	129.8	71.3	49.3	32.0	18.4	0.0
7.5°	297.6	131.9	71.9	49.6	32.2	18.5	0.0
5°	302.6	133.4	72.4	49.9	32.3	18.6	0.0
2.5°	305.6	134.3	72.6	50.0	32.4	18.7	0.0
0°	306.6	134.6	72.7	50.1	32.4	18.7	0.0
-2.5°	305.6	134.3	72.6	50.0	32.4	18.7	0.0
-5°	302.6	133.4	72.4	49.9	32.3	18.6	0.0
-7.5°	297.6	131.9	71.9	49.6	32.2	18.5	0.0
-10°	290.6	129.8	71.3	49.3	32.0	18.4	0.0
-12.5°	281.6	127.1	70.5	48.8	31.7	18.3	0.0
-15°	270.7	123.9	69.6	48.3	31.5	18.1	0.0
-17.5°	257.8	120.1	68.5	47.6	31.1	17.8	0.0
-20°	243.0	115.7	67.2	46.9	30.7	17.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	226.4	110.7	65.8	46.0	30.3	17.3	0.0
-25°	208.0	105.2	64.2	45.1	29.8	16.9	0.0
-27.5°	187.7	99.2	62.4	44.1	29.3	16.6	0.0
-30°	165.7	92.6	60.5	43.0	28.7	16.2	0.0
-32.5°	142.1	85.5	58.4	41.7	28.1	15.8	0.0
-35°	128.2	78.0	56.2	40.5	27.4	15.3	0.0
-37.5°	118.5	71.7	53.9	39.1	26.7	14.8	0.0
-40°	108.2	68.6	51.4	37.6	26.0	14.3	0.0
-42.5°	97.5	65.3	49.1	36.1	25.2	13.8	0.0
-45°	86.2	61.9	46.9	34.5	24.4	13.2	0.0
-47.5°	74.4	58.3	44.7	32.8	23.5	12.6	0.0
-50°	68.9	54.6	42.4	31.4	22.6	12.0	0.0
-52.5°	64.2	50.7	40.0	30.0	21.7	11.4	0.0
-55°	59.5	47.5	37.5	28.5	20.7	10.7	0.0
-57.5°	54.6	44.3	34.9	27.0	19.7	10.0	0.0
-60°	49.6	41.0	32.3	25.5	18.7	9.3	0.0
-62.5°	45.6	37.6	30.2	23.9	17.3	8.6	0.0
-65°	41.5	34.2	28.1	22.3	15.8	7.9	0.0
-67.5°	37.2	31.0	25.9	20.7	14.3	7.2	0.0
-70°	33.0	28.3	23.7	19.0	12.8	6.4	0.0
-72.5°	29.5	25.4	21.4	16.8	11.2	5.6	0.0
-75°	26.0	22.6	19.1	14.5	9.7	4.8	0.0
-77.5°	22.6	19.7	16.1	12.1	8.1	4.0	0.0
-80°	19.1	16.1	12.9	9.7	6.5	3.2	0.0
-82.5°	14.5	12.1	9.7	7.3	4.9	2.4	0.0
-85°	9.7	8.1	6.5	4.9	3.3	1.6	0.0
-87.5°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)