

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: P1306482 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS16-1200L-57-70-4S-A**

Issue Date: 2/3/2026

Test Information

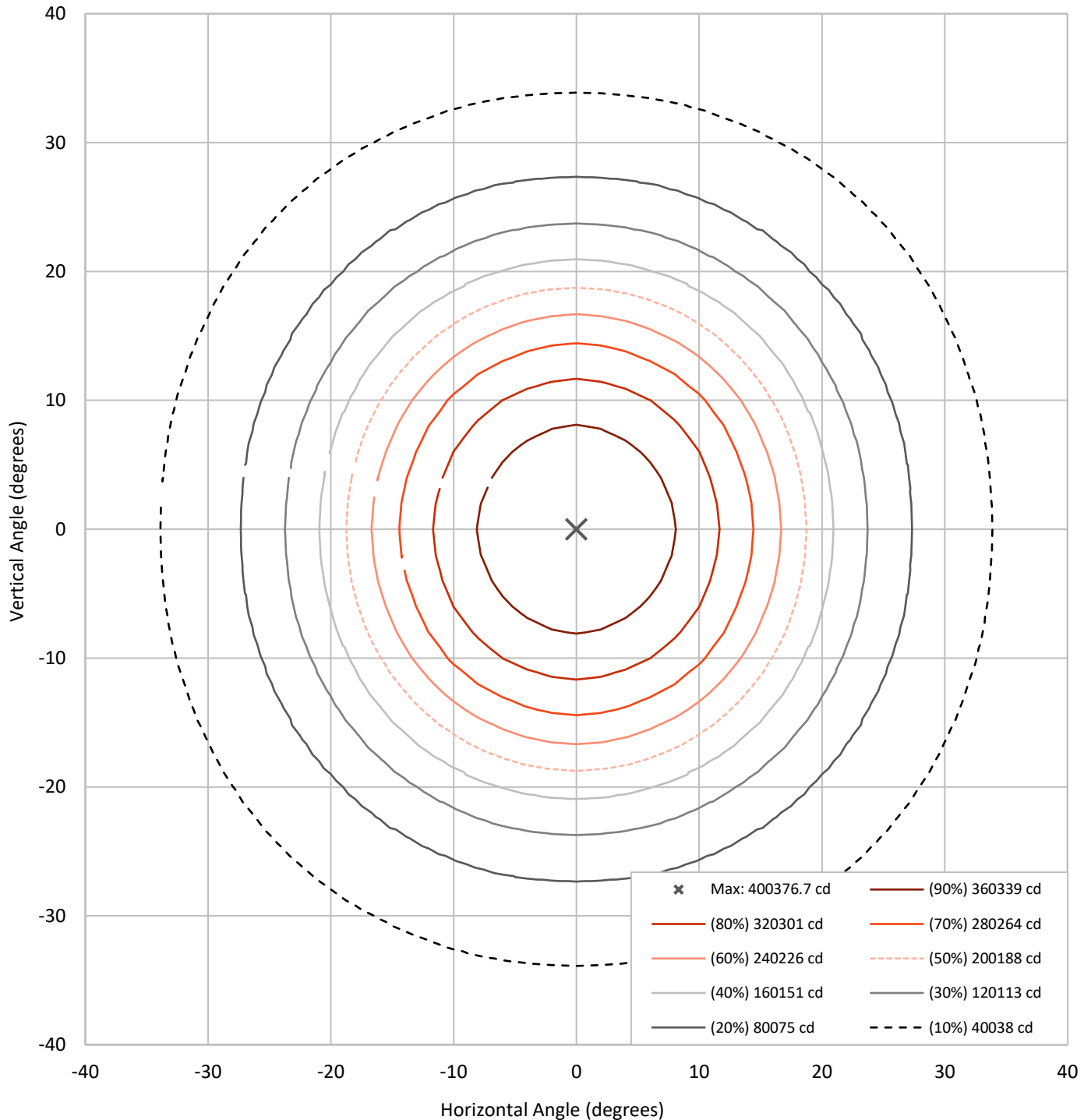
Test Method: LM-79-08
Report Number: P1306482 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-12)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-LS16-1200L-57-70-4S-A
Description: EPHEBUS LUMASPORT 16 LUMINAIRE
(16) 5700K, 70 CRI LEDS AND 4S BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	191067.4 lumens	Max Intensity:	400376.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	156.2 lumens/watt		
Luminous Opening:	Circular (Dia: 1.67' x H: 0')		
Beam Angle (50%):	37.5°H x 37.5°V	Field Angle (10%):	67.8°H x 67.8°V
Beam Lumens:	97207.6 lumens	Field Lumens:	168102.4 lumens
Beam Efficiency:	50.9%	Field Efficiency:	88.0%
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





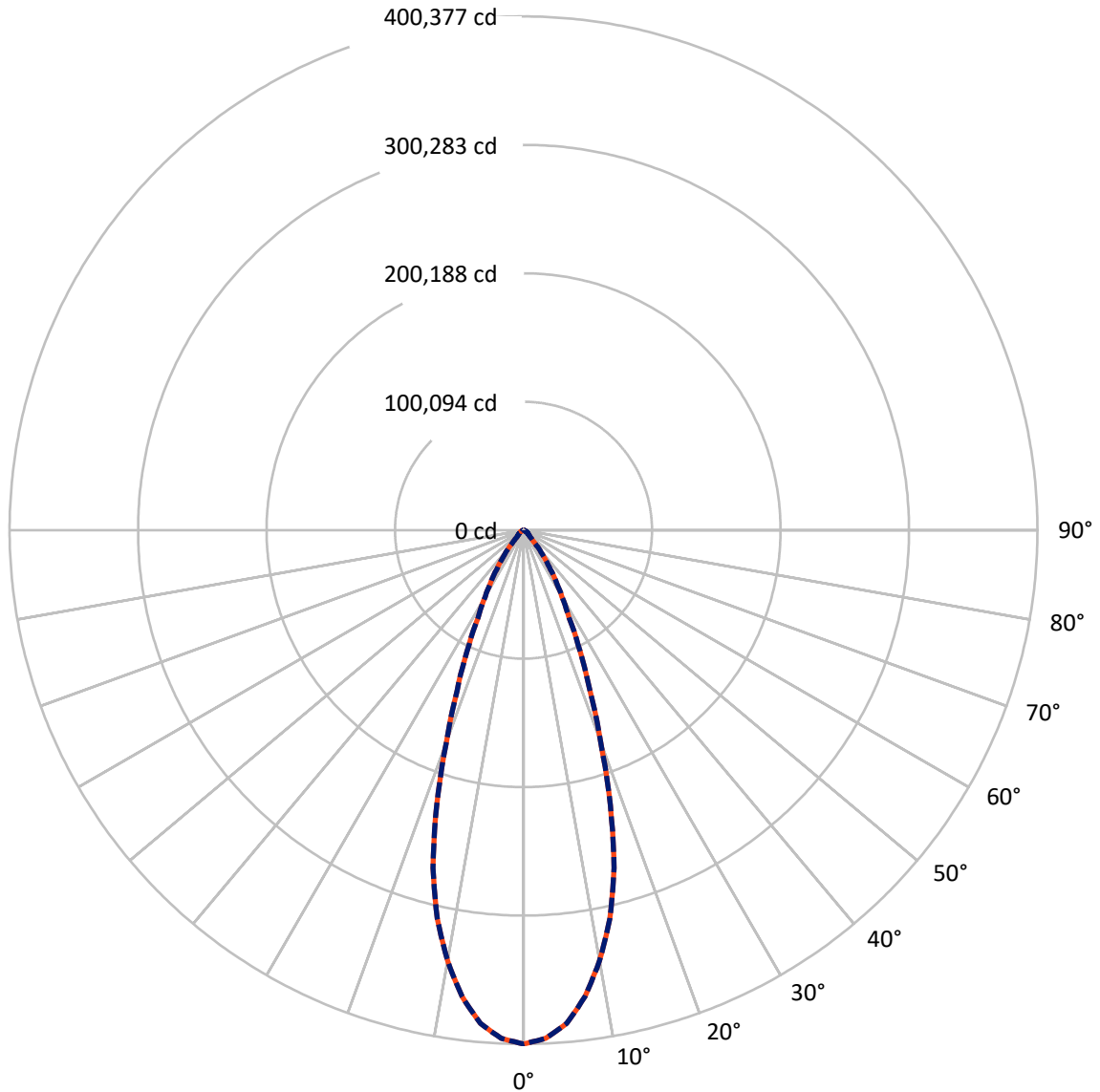
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Lumen Table

90																
80	0.1	1.2		6.2		15.7		20.6		15.7		6.2		1.2		0.1
70																
60	0.6	1.0	4.1	11.3	22.6	35.5	46.7	53.0	53.0	46.7	35.5	22.6	11.3	4.1	1.0	0.6
50		3.1	13.1	33.3	60.0	85.9	106.0	117.3	117.3	106.0	85.9	60.0	33.3	13.1	3.1	
40	2.2	7.0	27.2	61.3	99.5	141.8	197.2	249.2	249.2	197.2	141.8	99.5	61.3	27.2	7.0	2.2
30		12.1	42.5	86.1	151.7	360.6	747.2	1046.9	1046.9	747.2	360.6	151.7	86.1	42.5	12.1	
20	4.7	17.1	54.9	111.2	328.1	1017.5	2066.5	3082.1	3082.1	2066.5	1017.5	328.1	111.2	54.9	17.1	4.7
10		21.1	63.6	145.9	640.1	1946.2	4700.0	7524.9	7524.9	4700.0	1946.2	640.1	145.9	63.6	21.1	
0	5.8	23.2	68.3	179.7	870.3	2821.8	7311.9	10905.2	10905.2	7311.9	2821.8	870.3	179.7	68.3	23.2	5.8
-10		23.2	68.3	179.7	870.3	2821.8	7311.9	10905.2	10905.2	7311.9	2821.8	870.3	179.7	68.3	23.2	
-20	4.7	21.1	63.6	145.9	640.1	1946.2	4700.0	7524.9	7524.9	4700.0	1946.2	640.1	145.9	63.6	21.1	4.7
-30		17.1	54.9	111.2	328.1	1017.5	2066.5	3082.1	3082.1	2066.5	1017.5	328.1	111.2	54.9	17.1	
-40	2.2	12.1	42.5	86.1	151.7	360.6	747.2	1046.9	1046.9	747.2	360.6	151.7	86.1	42.5	12.1	2.2
-50		7.0	27.2	61.3	99.5	141.8	197.2	249.2	249.2	197.2	141.8	99.5	61.3	27.2	7.0	
-60	0.6	3.1	13.1	33.3	60.0	85.9	106.0	117.3	117.3	106.0	85.9	60.0	33.3	13.1	3.1	0.6
-70		1.0	4.1	11.3	22.6	35.5	46.7	53.0	53.0	46.7	35.5	22.6	11.3	4.1	1.0	
-80																
-90	0.1	1.2		6.2		15.7		20.6		15.7		6.2		1.2		0.1

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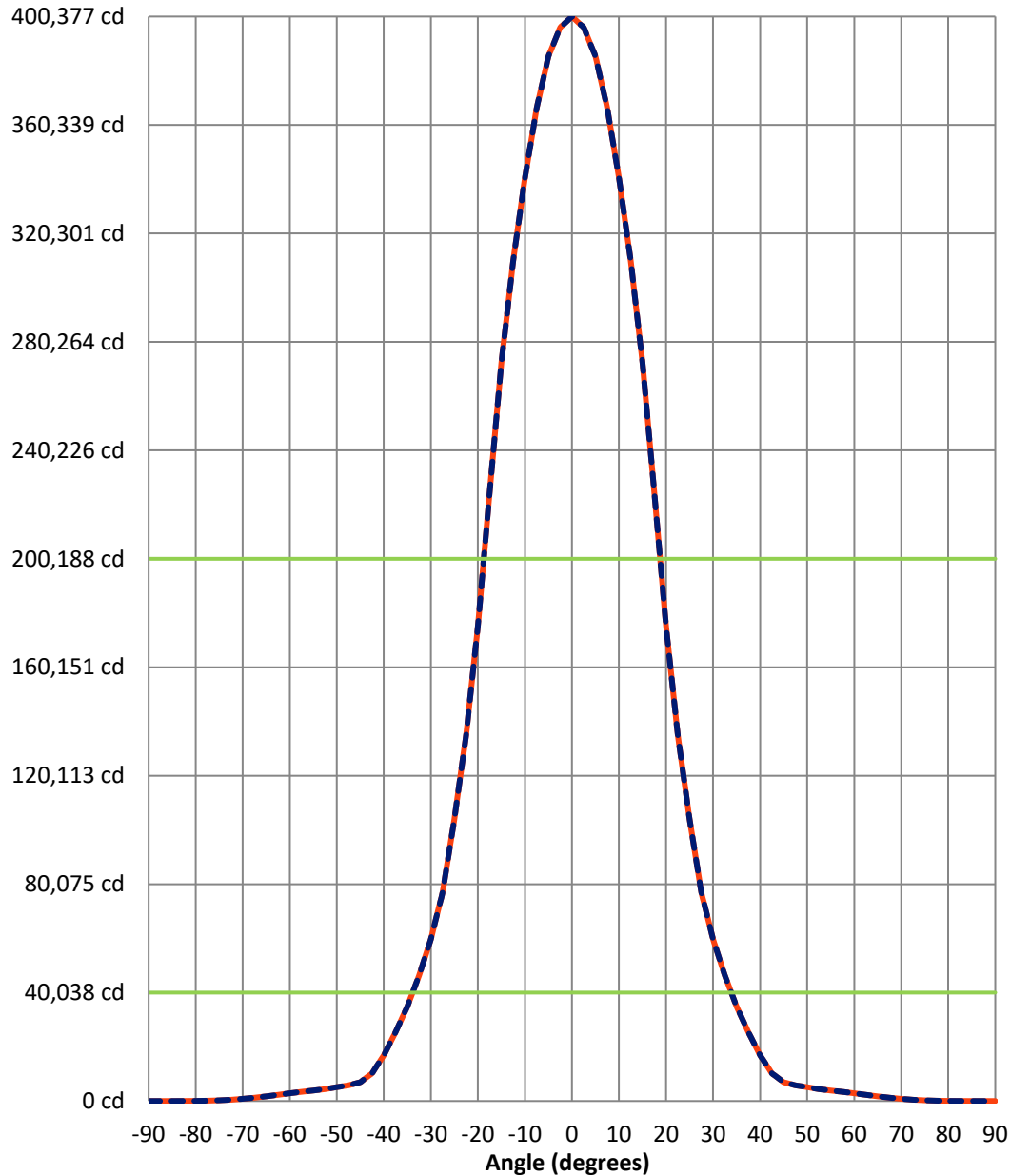
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 37.5°
V Angle: 37.5°
Lumens: 97207.6
Efficiency: 50.9%

Field:
H Angle: 67.8°
V Angle: 67.8°
Lumens: 168102.4
Efficiency: 88.0%

Spill:
Lumens: 22964.9
Efficiency: 12.0%

- 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	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
85°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.0	2.3	2.5
82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.2	4.1	5.1
80°	0.0	0.5	1.0	1.6	2.1	2.6	3.2	4.6	5.9	7.1	8.4
77.5°	0.0	0.6	1.3	1.9	2.6	3.6	5.2	6.9	8.5	10.1	12.7
75°	0.0	0.8	1.6	2.3	3.2	5.2	7.2	9.2	11.5	15.7	20.0
72.5°	0.0	0.9	1.8	2.7	4.6	6.9	9.2	12.2	17.3	22.3	27.2
70°	0.0	1.0	2.0	3.2	5.9	8.5	11.5	17.3	23.1	28.8	36.0
67.5°	0.0	1.1	2.3	4.1	7.1	10.1	15.7	22.3	28.8	37.0	45.0
65°	0.0	1.3	2.5	5.1	8.4	12.7	20.0	27.2	36.0	45.0	60.0
62.5°	0.0	1.4	2.8	6.0	9.6	16.1	24.1	33.0	43.0	56.6	88.9
60°	0.0	1.5	3.0	6.9	10.8	19.5	28.1	39.0	49.9	82.2	117.3
57.5°	0.0	1.6	3.6	7.8	13.4	22.8	33.1	44.9	69.0	107.3	161.6
55°	0.0	1.7	4.2	8.7	16.0	26.0	38.0	50.7	90.7	136.4	212.6
52.5°	0.0	1.8	4.7	9.5	18.5	29.2	42.8	67.7	111.8	181.1	262.2
50°	0.0	1.9	5.2	10.3	20.9	33.1	47.5	85.6	137.6	224.5	333.6
47.5°	0.0	2.0	5.8	11.3	23.2	36.8	53.4	102.9	174.8	266.5	405.5
45°	0.0	2.1	6.3	13.0	25.4	40.4	67.7	119.6	210.7	328.2	474.7
42.5°	0.0	2.2	6.7	14.6	27.6	43.9	81.3	143.7	245.1	388.0	571.9
40°	0.0	2.3	7.2	16.1	29.9	47.2	94.4	172.5	283.8	445.1	669.9
37.5°	0.0	2.4	7.6	17.6	32.4	50.3	106.8	199.8	332.0	507.7	763.3
35°	0.0	2.5	8.0	19.0	34.8	57.7	118.5	225.6	377.7	587.1	860.5
32.5°	0.0	2.5	8.4	20.2	37.0	66.8	132.4	250.0	420.7	661.8	965.1
30°	0.0	2.6	8.8	21.5	39.0	75.4	151.8	275.6	461.0	731.9	1063.2
27.5°	0.0	2.7	9.1	22.6	41.0	83.4	169.9	308.2	505.9	797.1	1154.5
25°	0.0	2.7	9.4	23.6	42.7	90.7	186.5	338.2	558.9	867.0	1239.5
22.5°	0.0	2.8	9.7	24.5	44.3	97.3	201.6	365.5	607.3	935.6	1331.3
20°	0.0	2.8	9.9	25.4	45.8	103.4	215.3	390.2	650.9	997.6	1414.1
17.5°	0.0	2.9	10.2	26.1	47.1	108.7	227.4	412.1	689.6	1052.7	1487.8
15°	0.0	2.9	10.4	26.8	48.2	113.3	237.9	431.1	723.4	1100.7	1552.2
12.5°	0.0	2.9	10.5	27.3	49.1	117.3	246.9	447.4	752.2	1141.6	1606.9
10°	0.0	3.0	10.7	27.8	49.9	120.5	254.2	460.7	775.8	1175.2	1652.0
7.5°	0.0	3.0	10.8	28.1	50.5	123.0	260.0	471.1	794.2	1201.4	1687.2
5°	0.0	3.0	10.8	28.4	51.0	124.9	264.1	478.5	807.4	1220.2	1712.4
2.5°	0.0	3.0	10.9	28.5	51.2	125.9	266.6	483.0	815.4	1231.5	1727.5
0°	0.0	3.0	10.9	28.6	51.3	126.3	267.4	484.5	818.0	1235.3	1732.6
-2.5°	0.0	3.0	10.9	28.5	51.2	125.9	266.6	483.0	815.4	1231.5	1727.5
-5°	0.0	3.0	10.8	28.4	51.0	124.9	264.1	478.5	807.4	1220.2	1712.4
-7.5°	0.0	3.0	10.8	28.1	50.5	123.0	260.0	471.1	794.2	1201.4	1687.2
-10°	0.0	3.0	10.7	27.8	49.9	120.5	254.2	460.7	775.8	1175.2	1652.0
-12.5°	0.0	2.9	10.5	27.3	49.1	117.3	246.9	447.4	752.2	1141.6	1606.9
-15°	0.0	2.9	10.4	26.8	48.2	113.3	237.9	431.1	723.4	1100.7	1552.2
-17.5°	0.0	2.9	10.2	26.1	47.1	108.7	227.4	412.1	689.6	1052.7	1487.8
-20°	0.0	2.8	9.9	25.4	45.8	103.4	215.3	390.2	650.9	997.6	1414.1



REPORT NUMBER: P1306482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-57-70-4S-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.8	9.7	24.5	44.3	97.3	201.6	365.5	607.3	935.6	1331.3
-25°	0.0	2.7	9.4	23.6	42.7	90.7	186.5	338.2	558.9	867.0	1239.5
-27.5°	0.0	2.7	9.1	22.6	41.0	83.4	169.9	308.2	505.9	797.1	1154.5
-30°	0.0	2.6	8.8	21.5	39.0	75.4	151.8	275.6	461.0	731.9	1063.2
-32.5°	0.0	2.5	8.4	20.2	37.0	66.8	132.4	250.0	420.7	661.8	965.1
-35°	0.0	2.5	8.0	19.0	34.8	57.7	118.5	225.6	377.7	587.1	860.5
-37.5°	0.0	2.4	7.6	17.6	32.4	50.3	106.8	199.8	332.0	507.7	763.3
-40°	0.0	2.3	7.2	16.1	29.9	47.2	94.4	172.5	283.8	445.1	669.9
-42.5°	0.0	2.2	6.7	14.6	27.6	43.9	81.3	143.7	245.1	388.0	571.9
-45°	0.0	2.1	6.3	13.0	25.4	40.4	67.7	119.6	210.7	328.2	474.7
-47.5°	0.0	2.0	5.8	11.3	23.2	36.8	53.4	102.9	174.8	266.5	405.5
-50°	0.0	1.9	5.2	10.3	20.9	33.1	47.5	85.6	137.6	224.5	333.6
-52.5°	0.0	1.8	4.7	9.5	18.5	29.2	42.8	67.7	111.8	181.1	262.2
-55°	0.0	1.7	4.2	8.7	16.0	26.0	38.0	50.7	90.7	136.4	212.6
-57.5°	0.0	1.6	3.6	7.8	13.4	22.8	33.1	44.9	69.0	107.3	161.6
-60°	0.0	1.5	3.0	6.9	10.8	19.5	28.1	39.0	49.9	82.2	117.3
-62.5°	0.0	1.4	2.8	6.0	9.6	16.1	24.1	33.0	43.0	56.6	88.9
-65°	0.0	1.3	2.5	5.1	8.4	12.7	20.0	27.2	36.0	45.0	60.0
-67.5°	0.0	1.1	2.3	4.1	7.1	10.1	15.7	22.3	28.8	37.0	45.0
-70°	0.0	1.0	2.0	3.2	5.9	8.5	11.5	17.3	23.1	28.8	36.0
-72.5°	0.0	0.9	1.8	2.7	4.6	6.9	9.2	12.2	17.3	22.3	27.2
-75°	0.0	0.8	1.6	2.3	3.2	5.2	7.2	9.2	11.5	15.7	20.0
-77.5°	0.0	0.6	1.3	1.9	2.6	3.6	5.2	6.9	8.5	10.1	12.7
-80°	0.0	0.5	1.0	1.6	2.1	2.6	3.2	4.6	5.9	7.1	8.4
-82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.2	4.1	5.1
-85°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.0	2.3	2.5
-87.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
-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: P1306482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-57-70-4S-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°	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
85°	2.8	3.0	3.6	4.2	4.7	5.2	5.8	6.3	6.7	7.2	7.6
82.5°	6.0	6.9	7.8	8.7	9.5	10.3	11.3	13.0	14.6	16.1	17.6
80°	9.6	10.8	13.4	16.0	18.5	20.9	23.2	25.4	27.6	29.9	32.4
77.5°	16.1	19.5	22.8	26.0	29.2	33.1	36.8	40.4	43.9	47.2	50.3
75°	24.1	28.1	33.1	38.0	42.8	47.5	53.4	67.7	81.3	94.4	106.8
72.5°	33.0	39.0	44.9	50.7	67.7	85.6	102.9	119.6	143.7	172.5	199.8
70°	43.0	49.9	69.0	90.7	111.8	137.6	174.8	210.7	245.1	283.8	332.0
67.5°	56.6	82.2	107.3	136.4	181.1	224.5	266.5	328.2	388.0	445.1	507.7
65°	88.9	117.3	161.6	212.6	262.2	333.6	405.5	474.7	571.9	669.9	763.3
62.5°	120.6	174.2	231.6	298.5	382.5	464.2	574.8	692.2	805.1	937.4	1066.6
60°	174.2	237.9	318.1	412.1	514.0	650.9	783.7	935.6	1090.4	1239.5	1408.5
57.5°	231.6	318.1	421.9	544.5	696.9	852.1	1032.4	1206.8	1401.8	1594.4	1784.1
55°	298.5	412.1	544.5	712.3	890.9	1090.9	1294.8	1519.3	1736.4	1970.0	2193.8
52.5°	382.5	514.0	696.9	890.9	1110.5	1341.9	1590.3	1843.4	2104.7	2358.3	2606.9
50°	464.2	650.9	852.1	1090.9	1341.9	1614.1	1897.2	2186.2	2471.3	2749.2	3006.3
47.5°	574.8	783.7	1032.4	1294.8	1590.3	1897.2	2213.5	2528.1	2835.5	3114.9	3381.9
45°	692.2	935.6	1206.8	1519.3	1843.4	2186.2	2528.1	2864.4	3169.6	3457.6	3709.4
42.5°	805.1	1090.4	1401.8	1736.4	2104.7	2471.3	2835.5	3169.6	3482.3	3759.4	4040.6
40°	937.4	1239.5	1594.4	1970.0	2358.3	2749.2	3114.9	3457.6	3759.4	4068.5	4377.6
37.5°	1066.6	1408.5	1784.1	2193.8	2606.9	3006.3	3381.9	3709.4	4040.6	4377.6	4840.0
35°	1189.4	1569.1	1980.6	2410.5	2844.2	3244.8	3610.2	3957.7	4321.0	4798.4	5276.8
32.5°	1318.7	1721.0	2166.6	2618.7	3055.9	3463.4	3825.5	4208.8	4674.4	5200.5	5667.9
30°	1448.4	1879.5	2343.1	2814.8	3254.4	3652.8	4042.9	4470.3	5039.9	5551.2	6219.0
27.5°	1569.1	2028.7	2511.3	2989.3	3435.7	3830.4	4251.4	4791.9	5359.4	5942.9	6835.7
25°	1680.7	2166.6	2667.0	3148.1	3588.2	4006.2	4468.6	5092.0	5649.3	6484.3	8241.4
22.5°	1788.8	2292.9	2809.8	3293.7	3728.3	4171.7	4725.5	5345.4	6003.4	7029.7	9766.1
20°	1892.1	2410.5	2934.1	3422.9	3855.4	4322.2	4959.3	5572.7	6430.4	8330.6	12116.8
17.5°	1984.1	2515.3	3041.7	3527.1	3977.4	4484.6	5165.4	5776.7	6814.7	9504.2	14688.9
15°	2064.5	2606.9	3135.9	3618.3	4086.0	4654.2	5331.1	6071.0	7502.0	10848.1	16988.1
12.5°	2132.9	2685.0	3216.2	3696.2	4178.7	4799.3	5473.0	6339.5	8325.7	12662.4	19513.6
10°	2189.3	2749.2	3282.4	3760.4	4255.3	4919.2	5590.3	6561.8	9008.9	14169.8	21616.8
7.5°	2233.3	2799.5	3334.2	3810.7	4315.2	5013.1	5682.4	6736.4	9546.1	15357.3	23276.6
5°	2264.8	2835.5	3371.3	3846.7	4358.2	5080.6	5748.6	6862.0	9933.2	16213.7	24475.5
2.5°	2283.8	2857.2	3393.6	3868.5	4384.1	5121.2	5788.5	6937.8	10166.7	16731.0	25200.4
0°	2290.1	2864.4	3401.1	3875.7	4392.8	5134.8	5801.8	6963.1	10244.8	16904.0	25442.9
-2.5°	2283.8	2857.2	3393.6	3868.5	4384.1	5121.2	5788.5	6937.8	10166.7	16731.0	25200.4
-5°	2264.8	2835.5	3371.3	3846.7	4358.2	5080.6	5748.6	6862.0	9933.2	16213.7	24475.5
-7.5°	2233.3	2799.5	3334.2	3810.7	4315.2	5013.1	5682.4	6736.4	9546.1	15357.3	23276.6
-10°	2189.3	2749.2	3282.4	3760.4	4255.3	4919.2	5590.3	6561.8	9008.9	14169.8	21616.8
-12.5°	2132.9	2685.0	3216.2	3696.2	4178.7	4799.3	5473.0	6339.5	8325.7	12662.4	19513.6
-15°	2064.5	2606.9	3135.9	3618.3	4086.0	4654.2	5331.1	6071.0	7502.0	10848.1	16988.1
-17.5°	1984.1	2515.3	3041.7	3527.1	3977.4	4484.6	5165.4	5776.7	6814.7	9504.2	14688.9
-20°	1892.1	2410.5	2934.1	3422.9	3855.4	4322.2	4959.3	5572.7	6430.4	8330.6	12116.8



REPORT NUMBER: P1306482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-57-70-4S-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1788.8	2292.9	2809.8	3293.7	3728.3	4171.7	4725.5	5345.4	6003.4	7029.7	9766.1
-25°	1680.7	2166.6	2667.0	3148.1	3588.2	4006.2	4468.6	5092.0	5649.3	6484.3	8241.4
-27.5°	1569.1	2028.7	2511.3	2989.3	3435.7	3830.4	4251.4	4791.9	5359.4	5942.9	6835.7
-30°	1448.4	1879.5	2343.1	2814.8	3254.4	3652.8	4042.9	4470.3	5039.9	5551.2	6219.0
-32.5°	1318.7	1721.0	2166.6	2618.7	3055.9	3463.4	3825.5	4208.8	4674.4	5200.5	5667.9
-35°	1189.4	1569.1	1980.6	2410.5	2844.2	3244.8	3610.2	3957.7	4321.0	4798.4	5276.8
-37.5°	1066.6	1408.5	1784.1	2193.8	2606.9	3006.3	3381.9	3709.4	4040.6	4377.6	4840.0
-40°	937.4	1239.5	1594.4	1970.0	2358.3	2749.2	3114.9	3457.6	3759.4	4068.5	4377.6
-42.5°	805.1	1090.4	1401.8	1736.4	2104.7	2471.3	2835.5	3169.6	3482.3	3759.4	4040.6
-45°	692.2	935.6	1206.8	1519.3	1843.4	2186.2	2528.1	2864.4	3169.6	3457.6	3709.4
-47.5°	574.8	783.7	1032.4	1294.8	1590.3	1897.2	2213.5	2528.1	2835.5	3114.9	3381.9
-50°	464.2	650.9	852.1	1090.9	1341.9	1614.1	1897.2	2186.2	2471.3	2749.2	3006.3
-52.5°	382.5	514.0	696.9	890.9	1110.5	1341.9	1590.3	1843.4	2104.7	2358.3	2606.9
-55°	298.5	412.1	544.5	712.3	890.9	1090.9	1294.8	1519.3	1736.4	1970.0	2193.8
-57.5°	231.6	318.1	421.9	544.5	696.9	852.1	1032.4	1206.8	1401.8	1594.4	1784.1
-60°	174.2	237.9	318.1	412.1	514.0	650.9	783.7	935.6	1090.4	1239.5	1408.5
-62.5°	120.6	174.2	231.6	298.5	382.5	464.2	574.8	692.2	805.1	937.4	1066.6
-65°	88.9	117.3	161.6	212.6	262.2	333.6	405.5	474.7	571.9	669.9	763.3
-67.5°	56.6	82.2	107.3	136.4	181.1	224.5	266.5	328.2	388.0	445.1	507.7
-70°	43.0	49.9	69.0	90.7	111.8	137.6	174.8	210.7	245.1	283.8	332.0
-72.5°	33.0	39.0	44.9	50.7	67.7	85.6	102.9	119.6	143.7	172.5	199.8
-75°	24.1	28.1	33.1	38.0	42.8	47.5	53.4	67.7	81.3	94.4	106.8
-77.5°	16.1	19.5	22.8	26.0	29.2	33.1	36.8	40.4	43.9	47.2	50.3
-80°	9.6	10.8	13.4	16.0	18.5	20.9	23.2	25.4	27.6	29.9	32.4
-82.5°	6.0	6.9	7.8	8.7	9.5	10.3	11.3	13.0	14.6	16.1	17.6
-85°	2.8	3.0	3.6	4.2	4.7	5.2	5.8	6.3	6.7	7.2	7.6
-87.5°	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	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



REPORT NUMBER: P1306482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-57-70-4S-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°	2.5	2.5	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0
85°	8.0	8.4	8.8	9.1	9.4	9.7	9.9	10.2	10.4	10.5	10.7
82.5°	19.0	20.2	21.5	22.6	23.6	24.5	25.4	26.1	26.8	27.3	27.8
80°	34.8	37.0	39.0	41.0	42.7	44.3	45.8	47.1	48.2	49.1	49.9
77.5°	57.7	66.8	75.4	83.4	90.7	97.3	103.4	108.7	113.3	117.3	120.5
75°	118.5	132.4	151.8	169.9	186.5	201.6	215.3	227.4	237.9	246.9	254.2
72.5°	225.6	250.0	275.6	308.2	338.2	365.5	390.2	412.1	431.1	447.4	460.7
70°	377.7	420.7	461.0	505.9	558.9	607.3	650.9	689.6	723.4	752.2	775.8
67.5°	587.1	661.8	731.9	797.1	867.0	935.6	997.6	1052.7	1100.7	1141.6	1175.2
65°	860.5	965.1	1063.2	1154.5	1239.5	1331.3	1414.1	1487.8	1552.2	1606.9	1652.0
62.5°	1189.4	1318.7	1448.4	1569.1	1680.7	1788.8	1892.1	1984.1	2064.5	2132.9	2189.3
60°	1569.1	1721.0	1879.5	2028.7	2166.6	2292.9	2410.5	2515.3	2606.9	2685.0	2749.2
57.5°	1980.6	2166.6	2343.1	2511.3	2667.0	2809.8	2934.1	3041.7	3135.9	3216.2	3282.4
55°	2410.5	2618.7	2814.8	2989.3	3148.1	3293.7	3422.9	3527.1	3618.3	3696.2	3760.4
52.5°	2844.2	3055.9	3254.4	3435.7	3588.2	3728.3	3855.4	3977.4	4086.0	4178.7	4255.3
50°	3244.8	3463.4	3652.8	3830.4	4006.2	4171.7	4322.2	4484.6	4654.2	4799.3	4919.2
47.5°	3610.2	3825.5	4042.9	4251.4	4468.6	4725.5	4959.3	5165.4	5331.1	5473.0	5590.3
45°	3957.7	4208.8	4470.3	4791.9	5092.0	5345.4	5572.7	5776.7	6071.0	6339.5	6561.8
42.5°	4321.0	4674.4	5039.9	5359.4	5649.3	6003.4	6430.4	6814.7	7502.0	8325.7	9008.9
40°	4798.4	5200.5	5551.2	5942.9	6484.3	7029.7	8330.6	9504.2	10848.1	12662.4	14169.8
37.5°	5276.8	5667.9	6219.0	6835.7	8241.4	9766.1	12116.8	14688.9	16988.1	19513.6	21616.8
35°	5707.1	6358.6	7208.1	9065.8	11407.7	14727.0	18036.4	21597.6	24765.1	27730.3	30266.9
32.5°	6358.6	7411.4	9483.2	12710.9	16507.6	20957.1	25178.0	29407.3	33208.2	36855.8	40212.8
30°	7208.1	9483.2	13149.2	17553.6	22744.9	27863.3	32888.7	38038.0	43038.7	47575.3	51856.4
27.5°	9065.8	12710.9	17553.6	23347.0	29242.6	35053.9	41605.8	47839.8	54172.1	59726.5	65791.8
25°	11407.7	16507.6	22744.9	29242.6	35928.8	43424.4	51142.4	58733.3	67338.9	75197.2	84571.0
22.5°	14727.0	20957.1	27863.3	35053.9	43424.4	52259.1	61454.0	72064.7	84379.0	97819.9	110109.7
20°	18036.4	25178.0	32888.7	41605.8	51142.4	61454.0	73667.5	89641.8	106405.0	123384.6	138894.7
17.5°	21597.6	29407.3	38038.0	47839.8	58733.3	72064.7	89641.8	109650.5	130266.9	152997.6	174117.8
15°	24765.1	33208.2	43038.7	54172.1	67338.9	84379.0	106405.0	130266.9	157834.9	186555.0	215564.1
12.5°	27730.3	36855.8	47575.3	59726.5	75197.2	97819.9	123384.6	152997.6	186555.0	222609.8	254216.6
10°	30266.9	40212.8	51856.4	65791.8	84571.0	110109.7	138894.7	174117.8	215564.1	254216.6	286652.5
7.5°	32273.4	42875.6	55263.5	70645.1	92945.5	120813.0	154372.4	195245.1	239412.2	279696.8	310425.9
5°	33725.2	44806.6	57741.3	74186.7	99083.8	128703.8	165871.4	211321.6	257366.7	296547.6	327322.4
2.5°	34604.1	45977.4	59246.3	76343.4	102833.6	133544.7	172967.0	221323.2	268671.4	306753.9	337312.7
0°	34898.4	46369.7	59751.2	77067.7	104095.2	135177.0	175367.1	224721.5	272538.6	310110.0	340770.5
-2.5°	34604.1	45977.4	59246.3	76343.4	102833.6	133544.7	172967.0	221323.2	268671.4	306753.9	337312.7
-5°	33725.2	44806.6	57741.3	74186.7	99083.8	128703.8	165871.4	211321.6	257366.7	296547.6	327322.4
-7.5°	32273.4	42875.6	55263.5	70645.1	92945.5	120813.0	154372.4	195245.1	239412.2	279696.8	310425.9
-10°	30266.9	40212.8	51856.4	65791.8	84571.0	110109.7	138894.7	174117.8	215564.1	254216.6	286652.5
-12.5°	27730.3	36855.8	47575.3	59726.5	75197.2	97819.9	123384.6	152997.6	186555.0	222609.8	254216.6
-15°	24765.1	33208.2	43038.7	54172.1	67338.9	84379.0	106405.0	130266.9	157834.9	186555.0	215564.1
-17.5°	21597.6	29407.3	38038.0	47839.8	58733.3	72064.7	89641.8	109650.5	130266.9	152997.6	174117.8
-20°	18036.4	25178.0	32888.7	41605.8	51142.4	61454.0	73667.5	89641.8	106405.0	123384.6	138894.7



REPORT NUMBER: P1306482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-57-70-4S-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	14727.0	20957.1	27863.3	35053.9	43424.4	52259.1	61454.0	72064.7	84379.0	97819.9	110109.7
-25°	11407.7	16507.6	22744.9	29242.6	35928.8	43424.4	51142.4	58733.3	67338.9	75197.2	84571.0
-27.5°	9065.8	12710.9	17553.6	23347.0	29242.6	35053.9	41605.8	47839.8	54172.1	59726.5	65791.8
-30°	7208.1	9483.2	13149.2	17553.6	22744.9	27863.3	32888.7	38038.0	43038.7	47575.3	51856.4
-32.5°	6358.6	7411.4	9483.2	12710.9	16507.6	20957.1	25178.0	29407.3	33208.2	36855.8	40212.8
-35°	5707.1	6358.6	7208.1	9065.8	11407.7	14727.0	18036.4	21597.6	24765.1	27730.3	30266.9
-37.5°	5276.8	5667.9	6219.0	6835.7	8241.4	9766.1	12116.8	14688.9	16988.1	19513.6	21616.8
-40°	4798.4	5200.5	5551.2	5942.9	6484.3	7029.7	8330.6	9504.2	10848.1	12662.4	14169.8
-42.5°	4321.0	4674.4	5039.9	5359.4	5649.3	6003.4	6430.4	6814.7	7502.0	8325.7	9008.9
-45°	3957.7	4208.8	4470.3	4791.9	5092.0	5345.4	5572.7	5776.7	6071.0	6339.5	6561.8
-47.5°	3610.2	3825.5	4042.9	4251.4	4468.6	4725.5	4959.3	5165.4	5331.1	5473.0	5590.3
-50°	3244.8	3463.4	3652.8	3830.4	4006.2	4171.7	4322.2	4484.6	4654.2	4799.3	4919.2
-52.5°	2844.2	3055.9	3254.4	3435.7	3588.2	3728.3	3855.4	3977.4	4086.0	4178.7	4255.3
-55°	2410.5	2618.7	2814.8	2989.3	3148.1	3293.7	3422.9	3527.1	3618.3	3696.2	3760.4
-57.5°	1980.6	2166.6	2343.1	2511.3	2667.0	2809.8	2934.1	3041.7	3135.9	3216.2	3282.4
-60°	1569.1	1721.0	1879.5	2028.7	2166.6	2292.9	2410.5	2515.3	2606.9	2685.0	2749.2
-62.5°	1189.4	1318.7	1448.4	1569.1	1680.7	1788.8	1892.1	1984.1	2064.5	2132.9	2189.3
-65°	860.5	965.1	1063.2	1154.5	1239.5	1331.3	1414.1	1487.8	1552.2	1606.9	1652.0
-67.5°	587.1	661.8	731.9	797.1	867.0	935.6	997.6	1052.7	1100.7	1141.6	1175.2
-70°	377.7	420.7	461.0	505.9	558.9	607.3	650.9	689.6	723.4	752.2	775.8
-72.5°	225.6	250.0	275.6	308.2	338.2	365.5	390.2	412.1	431.1	447.4	460.7
-75°	118.5	132.4	151.8	169.9	186.5	201.6	215.3	227.4	237.9	246.9	254.2
-77.5°	57.7	66.8	75.4	83.4	90.7	97.3	103.4	108.7	113.3	117.3	120.5
-80°	34.8	37.0	39.0	41.0	42.7	44.3	45.8	47.1	48.2	49.1	49.9
-82.5°	19.0	20.2	21.5	22.6	23.6	24.5	25.4	26.1	26.8	27.3	27.8
-85°	8.0	8.4	8.8	9.1	9.4	9.7	9.9	10.2	10.4	10.5	10.7
-87.5°	2.5	2.5	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0
-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: P1306482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-57-70-4S-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°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
85°	10.8	10.8	10.9	10.9	10.9	10.8	10.8	10.7	10.5	10.4	10.2
82.5°	28.1	28.4	28.5	28.6	28.5	28.4	28.1	27.8	27.3	26.8	26.1
80°	50.5	51.0	51.2	51.3	51.2	51.0	50.5	49.9	49.1	48.2	47.1
77.5°	123.0	124.9	125.9	126.3	125.9	124.9	123.0	120.5	117.3	113.3	108.7
75°	260.0	264.1	266.6	267.4	266.6	264.1	260.0	254.2	246.9	237.9	227.4
72.5°	471.1	478.5	483.0	484.5	483.0	478.5	471.1	460.7	447.4	431.1	412.1
70°	794.2	807.4	815.4	818.0	815.4	807.4	794.2	775.8	752.2	723.4	689.6
67.5°	1201.4	1220.2	1231.5	1235.3	1231.5	1220.2	1201.4	1175.2	1141.6	1100.7	1052.7
65°	1687.2	1712.4	1727.5	1732.6	1727.5	1712.4	1687.2	1652.0	1606.9	1552.2	1487.8
62.5°	2233.3	2264.8	2283.8	2290.1	2283.8	2264.8	2233.3	2189.3	2132.9	2064.5	1984.1
60°	2799.5	2835.5	2857.2	2864.4	2857.2	2835.5	2799.5	2749.2	2685.0	2606.9	2515.3
57.5°	3334.2	3371.3	3393.6	3401.1	3393.6	3371.3	3334.2	3282.4	3216.2	3135.9	3041.7
55°	3810.7	3846.7	3868.5	3875.7	3868.5	3846.7	3810.7	3760.4	3696.2	3618.3	3527.1
52.5°	4315.2	4358.2	4384.1	4392.8	4384.1	4358.2	4315.2	4255.3	4178.7	4086.0	3977.4
50°	5013.1	5080.6	5121.2	5134.8	5121.2	5080.6	5013.1	4919.2	4799.3	4654.2	4484.6
47.5°	5682.4	5748.6	5788.5	5801.8	5788.5	5748.6	5682.4	5590.3	5473.0	5331.1	5165.4
45°	6736.4	6862.0	6937.8	6963.1	6937.8	6862.0	6736.4	6561.8	6339.5	6071.0	5776.7
42.5°	9546.1	9933.2	10166.7	10244.8	10166.7	9933.2	9546.1	9008.9	8325.7	7502.0	6814.7
40°	15357.3	16213.7	16731.0	16904.0	16731.0	16213.7	15357.3	14169.8	12662.4	10848.1	9504.2
37.5°	23276.6	24475.5	25200.4	25442.9	25200.4	24475.5	23276.6	21616.8	19513.6	16988.1	14688.9
35°	32273.4	33725.2	34604.1	34898.4	34604.1	33725.2	32273.4	30266.9	27730.3	24765.1	21597.6
32.5°	42875.6	44806.6	45977.4	46369.7	45977.4	44806.6	42875.6	40212.8	36855.8	33208.2	29407.3
30°	55263.5	57741.3	59246.3	59751.2	59246.3	57741.3	55263.5	51856.4	47575.3	43038.7	38038.0
27.5°	70645.1	74186.7	76343.4	77067.7	76343.4	74186.7	70645.1	65791.8	59726.5	54172.1	47839.8
25°	92945.5	99083.8	102833.6	104095.2	102833.6	99083.8	92945.5	84571.0	75197.2	67338.9	58733.3
22.5°	120813.0	128703.8	133544.7	135177.0	133544.7	128703.8	120813.0	110109.7	97819.9	84379.0	72064.7
20°	154372.4	165871.4	172967.0	175367.1	172967.0	165871.4	154372.4	138894.7	123384.6	106405.0	89641.8
17.5°	195245.1	211321.6	221323.2	224721.5	221323.2	211321.6	195245.1	174117.8	152997.6	130266.9	109650.5
15°	239412.2	257366.7	268671.4	272538.6	268671.4	257366.7	239412.2	215564.1	186555.0	157834.9	130266.9
12.5°	279696.8	296547.6	306753.9	310110.0	306753.9	296547.6	279696.8	254216.6	222609.8	186555.0	152997.6
10°	310425.9	327322.4	337312.7	340770.5	337312.7	327322.4	310425.9	286652.5	254216.6	215564.1	174117.8
7.5°	334058.6	351711.7	362907.2	366580.9	362907.2	351711.7	334058.6	310425.9	279696.8	239412.2	195245.1
5°	351711.7	370527.8	381810.9	385664.1	381810.9	370527.8	351711.7	327322.4	296547.6	257366.7	211321.6
2.5°	362907.2	381810.9	392752.3	396326.3	392752.3	381810.9	362907.2	337312.7	306753.9	268671.4	221323.2
0°	366580.9	385664.1	396326.3	400376.7	396326.3	385664.1	366580.9	340770.5	310110.0	272538.6	224721.5
-2.5°	362907.2	381810.9	392752.3	396326.3	392752.3	381810.9	362907.2	337312.7	306753.9	268671.4	221323.2
-5°	351711.7	370527.8	381810.9	385664.1	381810.9	370527.8	351711.7	327322.4	296547.6	257366.7	211321.6
-7.5°	334058.6	351711.7	362907.2	366580.9	362907.2	351711.7	334058.6	310425.9	279696.8	239412.2	195245.1
-10°	310425.9	327322.4	337312.7	340770.5	337312.7	327322.4	310425.9	286652.5	254216.6	215564.1	174117.8
-12.5°	279696.8	296547.6	306753.9	310110.0	306753.9	296547.6	279696.8	254216.6	222609.8	186555.0	152997.6
-15°	239412.2	257366.7	268671.4	272538.6	268671.4	257366.7	239412.2	215564.1	186555.0	157834.9	130266.9
-17.5°	195245.1	211321.6	221323.2	224721.5	221323.2	211321.6	195245.1	174117.8	152997.6	130266.9	109650.5
-20°	154372.4	165871.4	172967.0	175367.1	172967.0	165871.4	154372.4	138894.7	123384.6	106405.0	89641.8



REPORT NUMBER: P1306482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-57-70-4S-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	120813.0	128703.8	133544.7	135177.0	133544.7	128703.8	120813.0	110109.7	97819.9	84379.0	72064.7
-25°	92945.5	99083.8	102833.6	104095.2	102833.6	99083.8	92945.5	84571.0	75197.2	67338.9	58733.3
-27.5°	70645.1	74186.7	76343.4	77067.7	76343.4	74186.7	70645.1	65791.8	59726.5	54172.1	47839.8
-30°	55263.5	57741.3	59246.3	59751.2	59246.3	57741.3	55263.5	51856.4	47575.3	43038.7	38038.0
-32.5°	42875.6	44806.6	45977.4	46369.7	45977.4	44806.6	42875.6	40212.8	36855.8	33208.2	29407.3
-35°	32273.4	33725.2	34604.1	34898.4	34604.1	33725.2	32273.4	30266.9	27730.3	24765.1	21597.6
-37.5°	23276.6	24475.5	25200.4	25442.9	25200.4	24475.5	23276.6	21616.8	19513.6	16988.1	14688.9
-40°	15357.3	16213.7	16731.0	16904.0	16731.0	16213.7	15357.3	14169.8	12662.4	10848.1	9504.2
-42.5°	9546.1	9933.2	10166.7	10244.8	10166.7	9933.2	9546.1	9008.9	8325.7	7502.0	6814.7
-45°	6736.4	6862.0	6937.8	6963.1	6937.8	6862.0	6736.4	6561.8	6339.5	6071.0	5776.7
-47.5°	5682.4	5748.6	5788.5	5801.8	5788.5	5748.6	5682.4	5590.3	5473.0	5331.1	5165.4
-50°	5013.1	5080.6	5121.2	5134.8	5121.2	5080.6	5013.1	4919.2	4799.3	4654.2	4484.6
-52.5°	4315.2	4358.2	4384.1	4392.8	4384.1	4358.2	4315.2	4255.3	4178.7	4086.0	3977.4
-55°	3810.7	3846.7	3868.5	3875.7	3868.5	3846.7	3810.7	3760.4	3696.2	3618.3	3527.1
-57.5°	3334.2	3371.3	3393.6	3401.1	3393.6	3371.3	3334.2	3282.4	3216.2	3135.9	3041.7
-60°	2799.5	2835.5	2857.2	2864.4	2857.2	2835.5	2799.5	2749.2	2685.0	2606.9	2515.3
-62.5°	2233.3	2264.8	2283.8	2290.1	2283.8	2264.8	2233.3	2189.3	2132.9	2064.5	1984.1
-65°	1687.2	1712.4	1727.5	1732.6	1727.5	1712.4	1687.2	1652.0	1606.9	1552.2	1487.8
-67.5°	1201.4	1220.2	1231.5	1235.3	1231.5	1220.2	1201.4	1175.2	1141.6	1100.7	1052.7
-70°	794.2	807.4	815.4	818.0	815.4	807.4	794.2	775.8	752.2	723.4	689.6
-72.5°	471.1	478.5	483.0	484.5	483.0	478.5	471.1	460.7	447.4	431.1	412.1
-75°	260.0	264.1	266.6	267.4	266.6	264.1	260.0	254.2	246.9	237.9	227.4
-77.5°	123.0	124.9	125.9	126.3	125.9	124.9	123.0	120.5	117.3	113.3	108.7
-80°	50.5	51.0	51.2	51.3	51.2	51.0	50.5	49.9	49.1	48.2	47.1
-82.5°	28.1	28.4	28.5	28.6	28.5	28.4	28.1	27.8	27.3	26.8	26.1
-85°	10.8	10.8	10.9	10.9	10.9	10.8	10.8	10.7	10.5	10.4	10.2
-87.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1306482 (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°	2.8	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.1
85°	9.9	9.7	9.4	9.1	8.8	8.4	8.0	7.6	7.2	6.7	6.3
82.5°	25.4	24.5	23.6	22.6	21.5	20.2	19.0	17.6	16.1	14.6	13.0
80°	45.8	44.3	42.7	41.0	39.0	37.0	34.8	32.4	29.9	27.6	25.4
77.5°	103.4	97.3	90.7	83.4	75.4	66.8	57.7	50.3	47.2	43.9	40.4
75°	215.3	201.6	186.5	169.9	151.8	132.4	118.5	106.8	94.4	81.3	67.7
72.5°	390.2	365.5	338.2	308.2	275.6	250.0	225.6	199.8	172.5	143.7	119.6
70°	650.9	607.3	558.9	505.9	461.0	420.7	377.7	332.0	283.8	245.1	210.7
67.5°	997.6	935.6	867.0	797.1	731.9	661.8	587.1	507.7	445.1	388.0	328.2
65°	1414.1	1331.3	1239.5	1154.5	1063.2	965.1	860.5	763.3	669.9	571.9	474.7
62.5°	1892.1	1788.8	1680.7	1569.1	1448.4	1318.7	1189.4	1066.6	937.4	805.1	692.2
60°	2410.5	2292.9	2166.6	2028.7	1879.5	1721.0	1569.1	1408.5	1239.5	1090.4	935.6
57.5°	2934.1	2809.8	2667.0	2511.3	2343.1	2166.6	1980.6	1784.1	1594.4	1401.8	1206.8
55°	3422.9	3293.7	3148.1	2989.3	2814.8	2618.7	2410.5	2193.8	1970.0	1736.4	1519.3
52.5°	3855.4	3728.3	3588.2	3435.7	3254.4	3055.9	2844.2	2606.9	2358.3	2104.7	1843.4
50°	4322.2	4171.7	4006.2	3830.4	3652.8	3463.4	3244.8	3006.3	2749.2	2471.3	2186.2
47.5°	4959.3	4725.5	4468.6	4251.4	4042.9	3825.5	3610.2	3381.9	3114.9	2835.5	2528.1
45°	5572.7	5345.4	5092.0	4791.9	4470.3	4208.8	3957.7	3709.4	3457.6	3169.6	2864.4
42.5°	6430.4	6003.4	5649.3	5359.4	5039.9	4674.4	4321.0	4040.6	3759.4	3482.3	3169.6
40°	8330.6	7029.7	6484.3	5942.9	5551.2	5200.5	4798.4	4377.6	4068.5	3759.4	3457.6
37.5°	12116.8	9766.1	8241.4	6835.7	6219.0	5667.9	5276.8	4840.0	4377.6	4040.6	3709.4
35°	18036.4	14727.0	11407.7	9065.8	7208.1	6358.6	5707.1	5276.8	4798.4	4321.0	3957.7
32.5°	25178.0	20957.1	16507.6	12710.9	9483.2	7411.4	6358.6	5667.9	5200.5	4674.4	4208.8
30°	32888.7	27863.3	22744.9	17553.6	13149.2	9483.2	7208.1	6219.0	5551.2	5039.9	4470.3
27.5°	41605.8	35053.9	29242.6	23347.0	17553.6	12710.9	9065.8	6835.7	5942.9	5359.4	4791.9
25°	51142.4	43424.4	35928.8	29242.6	22744.9	16507.6	11407.7	8241.4	6484.3	5649.3	5092.0
22.5°	61454.0	52259.1	43424.4	35053.9	27863.3	20957.1	14727.0	9766.1	7029.7	6003.4	5345.4
20°	73667.5	61454.0	51142.4	41605.8	32888.7	25178.0	18036.4	12116.8	8330.6	6430.4	5572.7
17.5°	89641.8	72064.7	58733.3	47839.8	38038.0	29407.3	21597.6	14688.9	9504.2	6814.7	5776.7
15°	106405.0	84379.0	67338.9	54172.1	43038.7	33208.2	24765.1	16988.1	10848.1	7502.0	6071.0
12.5°	123384.6	97819.9	75197.2	59726.5	47575.3	36855.8	27730.3	19513.6	12662.4	8325.7	6339.5
10°	138894.7	110109.7	84571.0	65791.8	51856.4	40212.8	30266.9	21616.8	14169.8	9008.9	6561.8
7.5°	154372.4	120813.0	92945.5	70645.1	55263.5	42875.6	32273.4	23276.6	15357.3	9546.1	6736.4
5°	165871.4	128703.8	99083.8	74186.7	57741.3	44806.6	33725.2	24475.5	16213.7	9933.2	6862.0
2.5°	172967.0	133544.7	102833.6	76343.4	59246.3	45977.4	34604.1	25200.4	16731.0	10166.7	6937.8
0°	175367.1	135177.0	104095.2	77067.7	59751.2	46369.7	34898.4	25442.9	16904.0	10244.8	6963.1
-2.5°	172967.0	133544.7	102833.6	76343.4	59246.3	45977.4	34604.1	25200.4	16731.0	10166.7	6937.8
-5°	165871.4	128703.8	99083.8	74186.7	57741.3	44806.6	33725.2	24475.5	16213.7	9933.2	6862.0
-7.5°	154372.4	120813.0	92945.5	70645.1	55263.5	42875.6	32273.4	23276.6	15357.3	9546.1	6736.4
-10°	138894.7	110109.7	84571.0	65791.8	51856.4	40212.8	30266.9	21616.8	14169.8	9008.9	6561.8
-12.5°	123384.6	97819.9	75197.2	59726.5	47575.3	36855.8	27730.3	19513.6	12662.4	8325.7	6339.5
-15°	106405.0	84379.0	67338.9	54172.1	43038.7	33208.2	24765.1	16988.1	10848.1	7502.0	6071.0
-17.5°	89641.8	72064.7	58733.3	47839.8	38038.0	29407.3	21597.6	14688.9	9504.2	6814.7	5776.7
-20°	73667.5	61454.0	51142.4	41605.8	32888.7	25178.0	18036.4	12116.8	8330.6	6430.4	5572.7



REPORT NUMBER: P1306482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-57-70-4S-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	61454.0	52259.1	43424.4	35053.9	27863.3	20957.1	14727.0	9766.1	7029.7	6003.4	5345.4
-25°	51142.4	43424.4	35928.8	29242.6	22744.9	16507.6	11407.7	8241.4	6484.3	5649.3	5092.0
-27.5°	41605.8	35053.9	29242.6	23347.0	17553.6	12710.9	9065.8	6835.7	5942.9	5359.4	4791.9
-30°	32888.7	27863.3	22744.9	17553.6	13149.2	9483.2	7208.1	6219.0	5551.2	5039.9	4470.3
-32.5°	25178.0	20957.1	16507.6	12710.9	9483.2	7411.4	6358.6	5667.9	5200.5	4674.4	4208.8
-35°	18036.4	14727.0	11407.7	9065.8	7208.1	6358.6	5707.1	5276.8	4798.4	4321.0	3957.7
-37.5°	12116.8	9766.1	8241.4	6835.7	6219.0	5667.9	5276.8	4840.0	4377.6	4040.6	3709.4
-40°	8330.6	7029.7	6484.3	5942.9	5551.2	5200.5	4798.4	4377.6	4068.5	3759.4	3457.6
-42.5°	6430.4	6003.4	5649.3	5359.4	5039.9	4674.4	4321.0	4040.6	3759.4	3482.3	3169.6
-45°	5572.7	5345.4	5092.0	4791.9	4470.3	4208.8	3957.7	3709.4	3457.6	3169.6	2864.4
-47.5°	4959.3	4725.5	4468.6	4251.4	4042.9	3825.5	3610.2	3381.9	3114.9	2835.5	2528.1
-50°	4322.2	4171.7	4006.2	3830.4	3652.8	3463.4	3244.8	3006.3	2749.2	2471.3	2186.2
-52.5°	3855.4	3728.3	3588.2	3435.7	3254.4	3055.9	2844.2	2606.9	2358.3	2104.7	1843.4
-55°	3422.9	3293.7	3148.1	2989.3	2814.8	2618.7	2410.5	2193.8	1970.0	1736.4	1519.3
-57.5°	2934.1	2809.8	2667.0	2511.3	2343.1	2166.6	1980.6	1784.1	1594.4	1401.8	1206.8
-60°	2410.5	2292.9	2166.6	2028.7	1879.5	1721.0	1569.1	1408.5	1239.5	1090.4	935.6
-62.5°	1892.1	1788.8	1680.7	1569.1	1448.4	1318.7	1189.4	1066.6	937.4	805.1	692.2
-65°	1414.1	1331.3	1239.5	1154.5	1063.2	965.1	860.5	763.3	669.9	571.9	474.7
-67.5°	997.6	935.6	867.0	797.1	731.9	661.8	587.1	507.7	445.1	388.0	328.2
-70°	650.9	607.3	558.9	505.9	461.0	420.7	377.7	332.0	283.8	245.1	210.7
-72.5°	390.2	365.5	338.2	308.2	275.6	250.0	225.6	199.8	172.5	143.7	119.6
-75°	215.3	201.6	186.5	169.9	151.8	132.4	118.5	106.8	94.4	81.3	67.7
-77.5°	103.4	97.3	90.7	83.4	75.4	66.8	57.7	50.3	47.2	43.9	40.4
-80°	45.8	44.3	42.7	41.0	39.0	37.0	34.8	32.4	29.9	27.6	25.4
-82.5°	25.4	24.5	23.6	22.6	21.5	20.2	19.0	17.6	16.1	14.6	13.0
-85°	9.9	9.7	9.4	9.1	8.8	8.4	8.0	7.6	7.2	6.7	6.3
-87.5°	2.8	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.1
-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: P1306482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-57-70-4S-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°	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.1	1.0	0.9
85°	5.8	5.2	4.7	4.2	3.6	3.0	2.8	2.5	2.3	2.0	1.8
82.5°	11.3	10.3	9.5	8.7	7.8	6.9	6.0	5.1	4.1	3.2	2.7
80°	23.2	20.9	18.5	16.0	13.4	10.8	9.6	8.4	7.1	5.9	4.6
77.5°	36.8	33.1	29.2	26.0	22.8	19.5	16.1	12.7	10.1	8.5	6.9
75°	53.4	47.5	42.8	38.0	33.1	28.1	24.1	20.0	15.7	11.5	9.2
72.5°	102.9	85.6	67.7	50.7	44.9	39.0	33.0	27.2	22.3	17.3	12.2
70°	174.8	137.6	111.8	90.7	69.0	49.9	43.0	36.0	28.8	23.1	17.3
67.5°	266.5	224.5	181.1	136.4	107.3	82.2	56.6	45.0	37.0	28.8	22.3
65°	405.5	333.6	262.2	212.6	161.6	117.3	88.9	60.0	45.0	36.0	27.2
62.5°	574.8	464.2	382.5	298.5	231.6	174.2	120.6	88.9	56.6	43.0	33.0
60°	783.7	650.9	514.0	412.1	318.1	237.9	174.2	117.3	82.2	49.9	39.0
57.5°	1032.4	852.1	696.9	544.5	421.9	318.1	231.6	161.6	107.3	69.0	44.9
55°	1294.8	1090.9	890.9	712.3	544.5	412.1	298.5	212.6	136.4	90.7	50.7
52.5°	1590.3	1341.9	1110.5	890.9	696.9	514.0	382.5	262.2	181.1	111.8	67.7
50°	1897.2	1614.1	1341.9	1090.9	852.1	650.9	464.2	333.6	224.5	137.6	85.6
47.5°	2213.5	1897.2	1590.3	1294.8	1032.4	783.7	574.8	405.5	266.5	174.8	102.9
45°	2528.1	2186.2	1843.4	1519.3	1206.8	935.6	692.2	474.7	328.2	210.7	119.6
42.5°	2835.5	2471.3	2104.7	1736.4	1401.8	1090.4	805.1	571.9	388.0	245.1	143.7
40°	3114.9	2749.2	2358.3	1970.0	1594.4	1239.5	937.4	669.9	445.1	283.8	172.5
37.5°	3381.9	3006.3	2606.9	2193.8	1784.1	1408.5	1066.6	763.3	507.7	332.0	199.8
35°	3610.2	3244.8	2844.2	2410.5	1980.6	1569.1	1189.4	860.5	587.1	377.7	225.6
32.5°	3825.5	3463.4	3055.9	2618.7	2166.6	1721.0	1318.7	965.1	661.8	420.7	250.0
30°	4042.9	3652.8	3254.4	2814.8	2343.1	1879.5	1448.4	1063.2	731.9	461.0	275.6
27.5°	4251.4	3830.4	3435.7	2989.3	2511.3	2028.7	1569.1	1154.5	797.1	505.9	308.2
25°	4468.6	4006.2	3588.2	3148.1	2667.0	2166.6	1680.7	1239.5	867.0	558.9	338.2
22.5°	4725.5	4171.7	3728.3	3293.7	2809.8	2292.9	1788.8	1331.3	935.6	607.3	365.5
20°	4959.3	4322.2	3855.4	3422.9	2934.1	2410.5	1892.1	1414.1	997.6	650.9	390.2
17.5°	5165.4	4484.6	3977.4	3527.1	3041.7	2515.3	1984.1	1487.8	1052.7	689.6	412.1
15°	5331.1	4654.2	4086.0	3618.3	3135.9	2606.9	2064.5	1552.2	1100.7	723.4	431.1
12.5°	5473.0	4799.3	4178.7	3696.2	3216.2	2685.0	2132.9	1606.9	1141.6	752.2	447.4
10°	5590.3	4919.2	4255.3	3760.4	3282.4	2749.2	2189.3	1652.0	1175.2	775.8	460.7
7.5°	5682.4	5013.1	4315.2	3810.7	3334.2	2799.5	2233.3	1687.2	1201.4	794.2	471.1
5°	5748.6	5080.6	4358.2	3846.7	3371.3	2835.5	2264.8	1712.4	1220.2	807.4	478.5
2.5°	5788.5	5121.2	4384.1	3868.5	3393.6	2857.2	2283.8	1727.5	1231.5	815.4	483.0
0°	5801.8	5134.8	4392.8	3875.7	3401.1	2864.4	2290.1	1732.6	1235.3	818.0	484.5
-2.5°	5788.5	5121.2	4384.1	3868.5	3393.6	2857.2	2283.8	1727.5	1231.5	815.4	483.0
-5°	5748.6	5080.6	4358.2	3846.7	3371.3	2835.5	2264.8	1712.4	1220.2	807.4	478.5
-7.5°	5682.4	5013.1	4315.2	3810.7	3334.2	2799.5	2233.3	1687.2	1201.4	794.2	471.1
-10°	5590.3	4919.2	4255.3	3760.4	3282.4	2749.2	2189.3	1652.0	1175.2	775.8	460.7
-12.5°	5473.0	4799.3	4178.7	3696.2	3216.2	2685.0	2132.9	1606.9	1141.6	752.2	447.4
-15°	5331.1	4654.2	4086.0	3618.3	3135.9	2606.9	2064.5	1552.2	1100.7	723.4	431.1
-17.5°	5165.4	4484.6	3977.4	3527.1	3041.7	2515.3	1984.1	1487.8	1052.7	689.6	412.1
-20°	4959.3	4322.2	3855.4	3422.9	2934.1	2410.5	1892.1	1414.1	997.6	650.9	390.2



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	4725.5	4171.7	3728.3	3293.7	2809.8	2292.9	1788.8	1331.3	935.6	607.3	365.5
-25°	4468.6	4006.2	3588.2	3148.1	2667.0	2166.6	1680.7	1239.5	867.0	558.9	338.2
-27.5°	4251.4	3830.4	3435.7	2989.3	2511.3	2028.7	1569.1	1154.5	797.1	505.9	308.2
-30°	4042.9	3652.8	3254.4	2814.8	2343.1	1879.5	1448.4	1063.2	731.9	461.0	275.6
-32.5°	3825.5	3463.4	3055.9	2618.7	2166.6	1721.0	1318.7	965.1	661.8	420.7	250.0
-35°	3610.2	3244.8	2844.2	2410.5	1980.6	1569.1	1189.4	860.5	587.1	377.7	225.6
-37.5°	3381.9	3006.3	2606.9	2193.8	1784.1	1408.5	1066.6	763.3	507.7	332.0	199.8
-40°	3114.9	2749.2	2358.3	1970.0	1594.4	1239.5	937.4	669.9	445.1	283.8	172.5
-42.5°	2835.5	2471.3	2104.7	1736.4	1401.8	1090.4	805.1	571.9	388.0	245.1	143.7
-45°	2528.1	2186.2	1843.4	1519.3	1206.8	935.6	692.2	474.7	328.2	210.7	119.6
-47.5°	2213.5	1897.2	1590.3	1294.8	1032.4	783.7	574.8	405.5	266.5	174.8	102.9
-50°	1897.2	1614.1	1341.9	1090.9	852.1	650.9	464.2	333.6	224.5	137.6	85.6
-52.5°	1590.3	1341.9	1110.5	890.9	696.9	514.0	382.5	262.2	181.1	111.8	67.7
-55°	1294.8	1090.9	890.9	712.3	544.5	412.1	298.5	212.6	136.4	90.7	50.7
-57.5°	1032.4	852.1	696.9	544.5	421.9	318.1	231.6	161.6	107.3	69.0	44.9
-60°	783.7	650.9	514.0	412.1	318.1	237.9	174.2	117.3	82.2	49.9	39.0
-62.5°	574.8	464.2	382.5	298.5	231.6	174.2	120.6	88.9	56.6	43.0	33.0
-65°	405.5	333.6	262.2	212.6	161.6	117.3	88.9	60.0	45.0	36.0	27.2
-67.5°	266.5	224.5	181.1	136.4	107.3	82.2	56.6	45.0	37.0	28.8	22.3
-70°	174.8	137.6	111.8	90.7	69.0	49.9	43.0	36.0	28.8	23.1	17.3
-72.5°	102.9	85.6	67.7	50.7	44.9	39.0	33.0	27.2	22.3	17.3	12.2
-75°	53.4	47.5	42.8	38.0	33.1	28.1	24.1	20.0	15.7	11.5	9.2
-77.5°	36.8	33.1	29.2	26.0	22.8	19.5	16.1	12.7	10.1	8.5	6.9
-80°	23.2	20.9	18.5	16.0	13.4	10.8	9.6	8.4	7.1	5.9	4.6
-82.5°	11.3	10.3	9.5	8.7	7.8	6.9	6.0	5.1	4.1	3.2	2.7
-85°	5.8	5.2	4.7	4.2	3.6	3.0	2.8	2.5	2.3	2.0	1.8
-87.5°	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.1	1.0	0.9
-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°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
85°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
82.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
80°	3.2	2.6	2.1	1.6	1.0	0.5	0.0
77.5°	5.2	3.6	2.6	1.9	1.3	0.6	0.0
75°	7.2	5.2	3.2	2.3	1.6	0.8	0.0
72.5°	9.2	6.9	4.6	2.7	1.8	0.9	0.0
70°	11.5	8.5	5.9	3.2	2.0	1.0	0.0
67.5°	15.7	10.1	7.1	4.1	2.3	1.1	0.0
65°	20.0	12.7	8.4	5.1	2.5	1.3	0.0
62.5°	24.1	16.1	9.6	6.0	2.8	1.4	0.0
60°	28.1	19.5	10.8	6.9	3.0	1.5	0.0
57.5°	33.1	22.8	13.4	7.8	3.6	1.6	0.0
55°	38.0	26.0	16.0	8.7	4.2	1.7	0.0
52.5°	42.8	29.2	18.5	9.5	4.7	1.8	0.0
50°	47.5	33.1	20.9	10.3	5.2	1.9	0.0
47.5°	53.4	36.8	23.2	11.3	5.8	2.0	0.0
45°	67.7	40.4	25.4	13.0	6.3	2.1	0.0
42.5°	81.3	43.9	27.6	14.6	6.7	2.2	0.0
40°	94.4	47.2	29.9	16.1	7.2	2.3	0.0
37.5°	106.8	50.3	32.4	17.6	7.6	2.4	0.0
35°	118.5	57.7	34.8	19.0	8.0	2.5	0.0
32.5°	132.4	66.8	37.0	20.2	8.4	2.5	0.0
30°	151.8	75.4	39.0	21.5	8.8	2.6	0.0
27.5°	169.9	83.4	41.0	22.6	9.1	2.7	0.0
25°	186.5	90.7	42.7	23.6	9.4	2.7	0.0
22.5°	201.6	97.3	44.3	24.5	9.7	2.8	0.0
20°	215.3	103.4	45.8	25.4	9.9	2.8	0.0
17.5°	227.4	108.7	47.1	26.1	10.2	2.9	0.0
15°	237.9	113.3	48.2	26.8	10.4	2.9	0.0
12.5°	246.9	117.3	49.1	27.3	10.5	2.9	0.0
10°	254.2	120.5	49.9	27.8	10.7	3.0	0.0
7.5°	260.0	123.0	50.5	28.1	10.8	3.0	0.0
5°	264.1	124.9	51.0	28.4	10.8	3.0	0.0
2.5°	266.6	125.9	51.2	28.5	10.9	3.0	0.0
0°	267.4	126.3	51.3	28.6	10.9	3.0	0.0
-2.5°	266.6	125.9	51.2	28.5	10.9	3.0	0.0
-5°	264.1	124.9	51.0	28.4	10.8	3.0	0.0
-7.5°	260.0	123.0	50.5	28.1	10.8	3.0	0.0
-10°	254.2	120.5	49.9	27.8	10.7	3.0	0.0
-12.5°	246.9	117.3	49.1	27.3	10.5	2.9	0.0
-15°	237.9	113.3	48.2	26.8	10.4	2.9	0.0
-17.5°	227.4	108.7	47.1	26.1	10.2	2.9	0.0
-20°	215.3	103.4	45.8	25.4	9.9	2.8	0.0



REPORT NUMBER: P1306482 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	201.6	97.3	44.3	24.5	9.7	2.8	0.0
-25°	186.5	90.7	42.7	23.6	9.4	2.7	0.0
-27.5°	169.9	83.4	41.0	22.6	9.1	2.7	0.0
-30°	151.8	75.4	39.0	21.5	8.8	2.6	0.0
-32.5°	132.4	66.8	37.0	20.2	8.4	2.5	0.0
-35°	118.5	57.7	34.8	19.0	8.0	2.5	0.0
-37.5°	106.8	50.3	32.4	17.6	7.6	2.4	0.0
-40°	94.4	47.2	29.9	16.1	7.2	2.3	0.0
-42.5°	81.3	43.9	27.6	14.6	6.7	2.2	0.0
-45°	67.7	40.4	25.4	13.0	6.3	2.1	0.0
-47.5°	53.4	36.8	23.2	11.3	5.8	2.0	0.0
-50°	47.5	33.1	20.9	10.3	5.2	1.9	0.0
-52.5°	42.8	29.2	18.5	9.5	4.7	1.8	0.0
-55°	38.0	26.0	16.0	8.7	4.2	1.7	0.0
-57.5°	33.1	22.8	13.4	7.8	3.6	1.6	0.0
-60°	28.1	19.5	10.8	6.9	3.0	1.5	0.0
-62.5°	24.1	16.1	9.6	6.0	2.8	1.4	0.0
-65°	20.0	12.7	8.4	5.1	2.5	1.3	0.0
-67.5°	15.7	10.1	7.1	4.1	2.3	1.1	0.0
-70°	11.5	8.5	5.9	3.2	2.0	1.0	0.0
-72.5°	9.2	6.9	4.6	2.7	1.8	0.9	0.0
-75°	7.2	5.2	3.2	2.3	1.6	0.8	0.0
-77.5°	5.2	3.6	2.6	1.9	1.3	0.6	0.0
-80°	3.2	2.6	2.1	1.6	1.0	0.5	0.0
-82.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-85°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-87.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)