

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: P1305735 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-80-7F-CV5-A**

Issue Date: 2/3/2026

Test Information

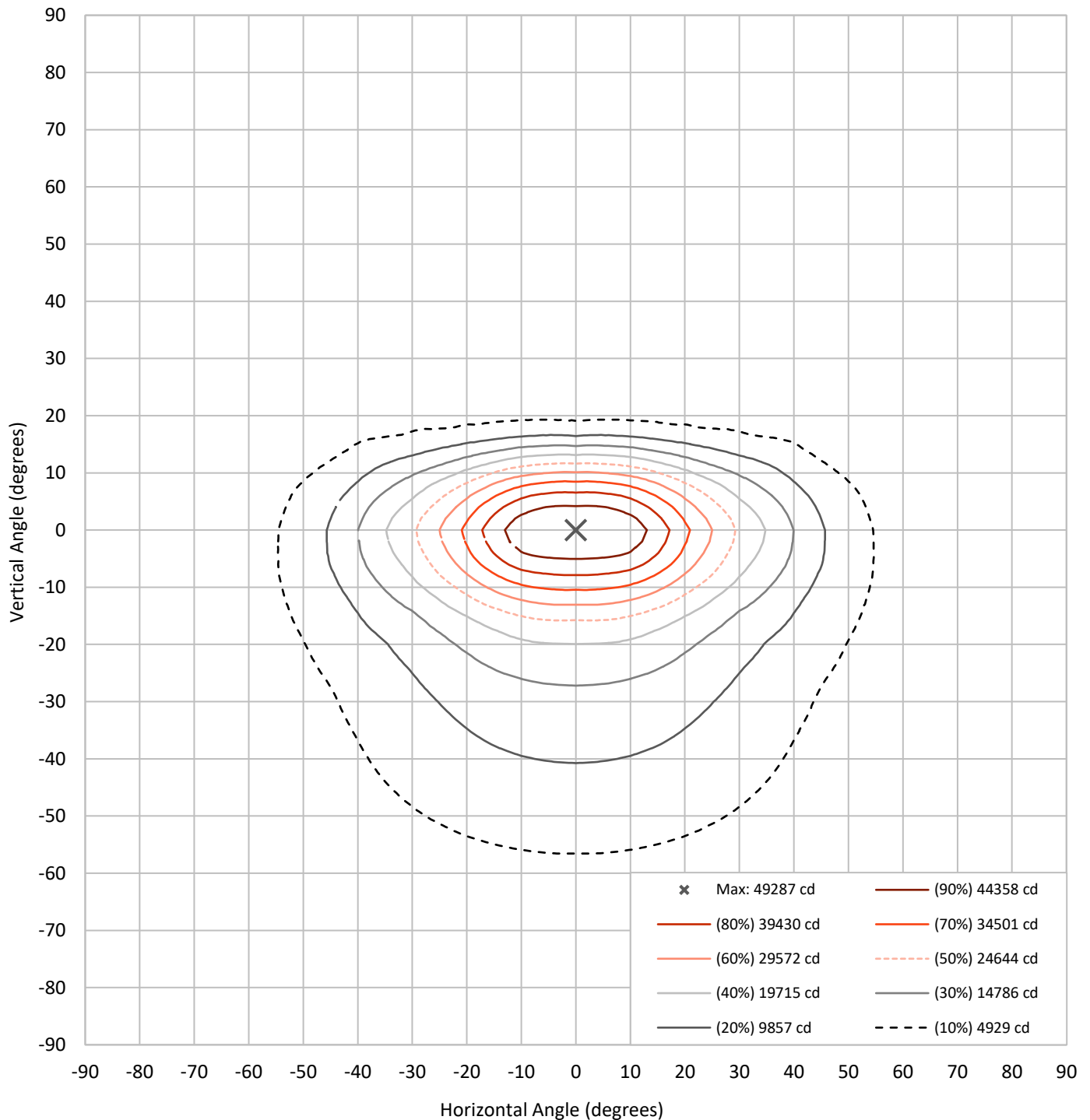
Test Method: LM-79-08
Report Number: P1305735 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-42)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-57-80-7F-CV5-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 7F BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	33163.4 lumens	Max Intensity:	49287 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	51.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	58.6°H x 27.3°V	Field Angle (10%):	109.1°H x 75.6°V
Beam Lumens:	13091.6 lumens	Field Lumens:	29184.5 lumens
Beam Efficiency:	39.5%	Field Efficiency:	88.0%
Input Watts (W):	648		
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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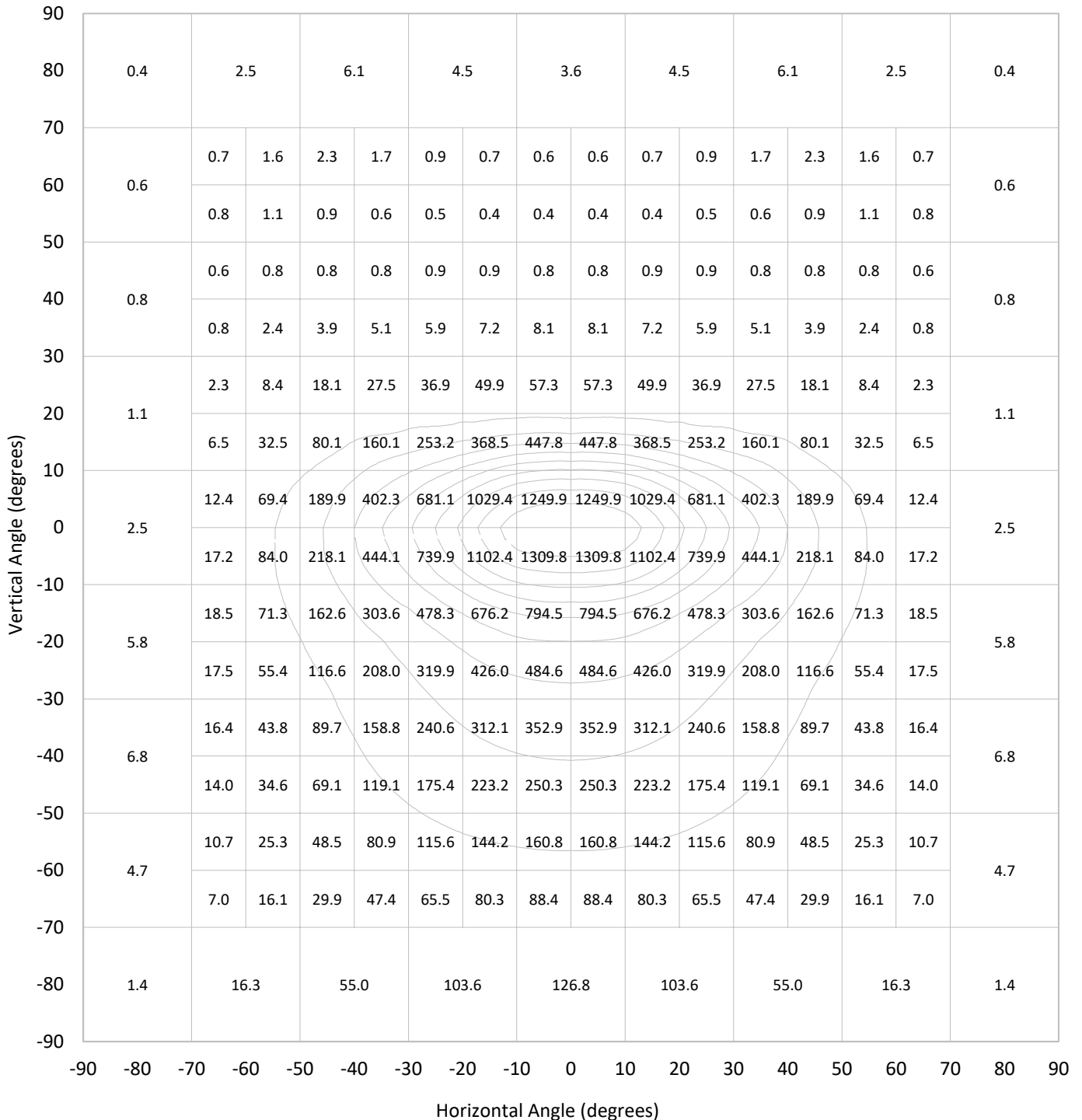
Iso-Candela Plot





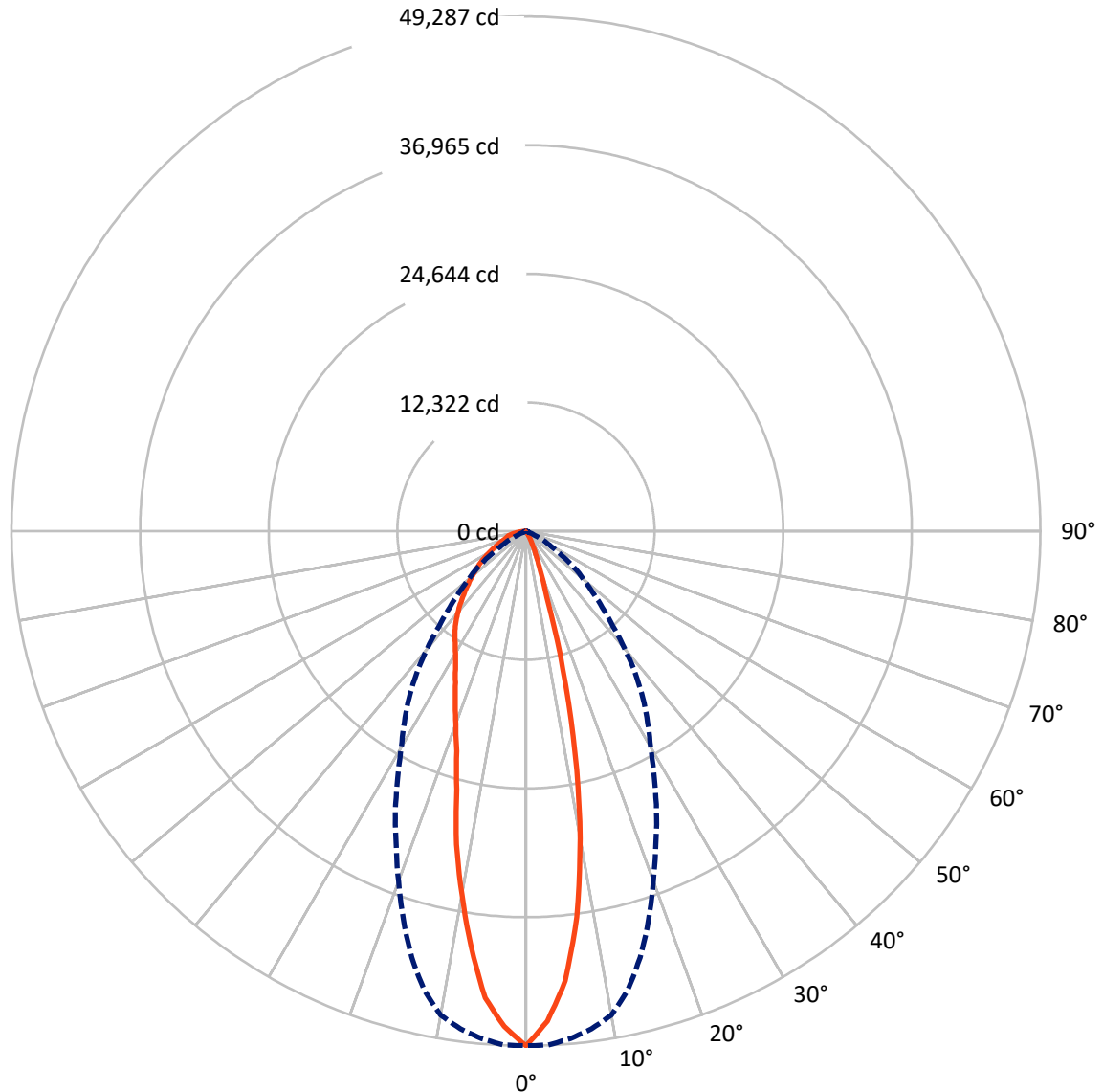
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Lumen Table



REPORT NUMBER: P1305735 (CONVERTED FROM TYPE C PHOTOMETRY)
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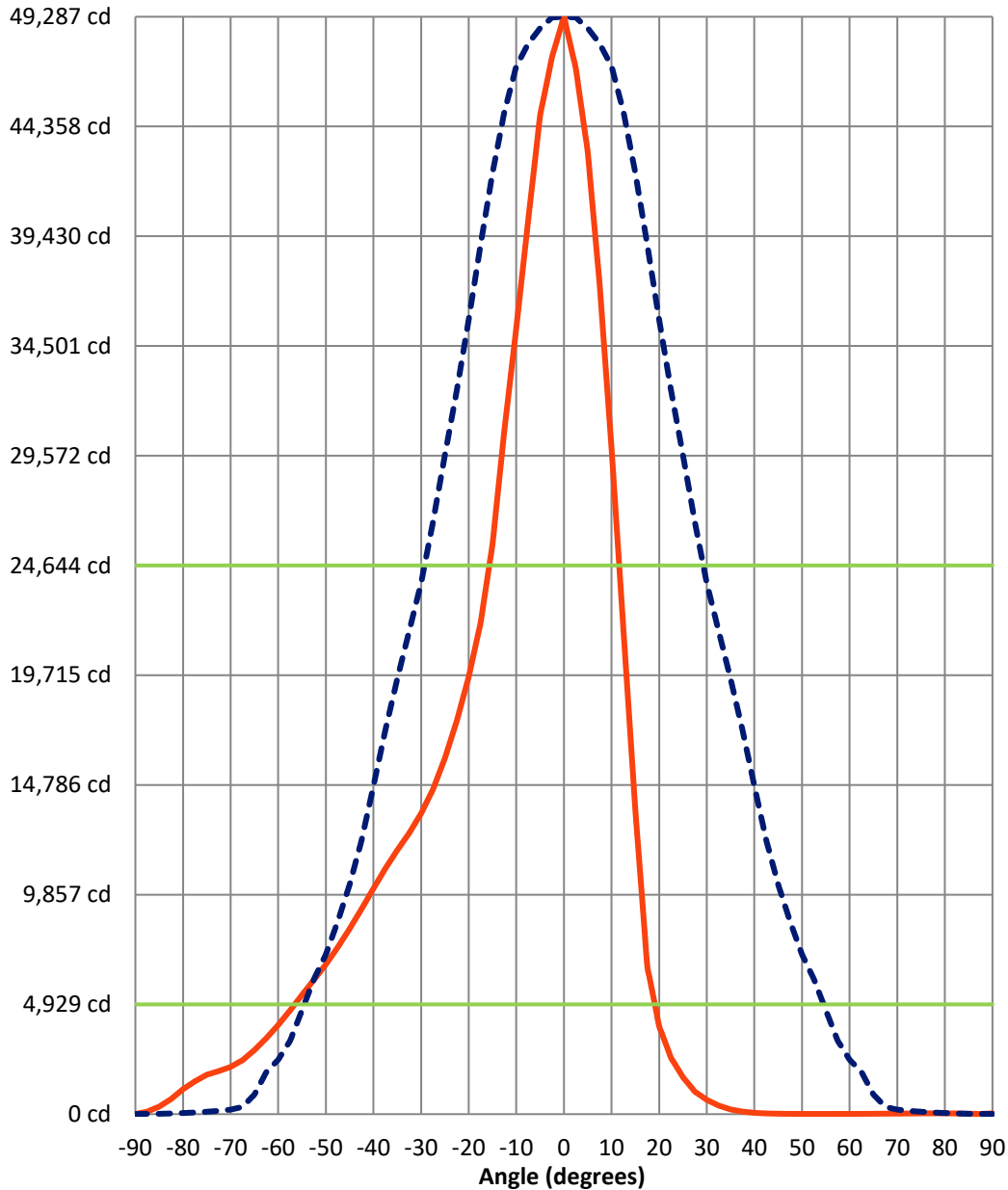
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 58.6°
 V Angle: 27.3°
 Lumens: 13091.6
 Efficiency: 39.5%

Field:
 H Angle: 109.1°
 V Angle: 75.6°
 Lumens: 29184.5
 Efficiency: 88.0%

Spill:
 Lumens: 3978.9
 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°	7.2	8.1	9.0	9.4	9.9	10.3	10.7	11.2	11.6	12.1	12.5
87.5°	7.2	7.5	8.0	8.5	9.2	10.0	10.9	11.1	11.2	11.1	11.0
85°	7.2	7.8	8.7	9.9	11.2	12.8	14.6	15.0	15.2	15.1	14.8
82.5°	7.2	8.1	9.5	11.2	13.2	15.5	18.2	18.9	19.3	20.7	23.2
80°	7.2	8.4	10.3	12.5	15.2	18.3	21.6	22.6	24.9	28.8	34.2
77.5°	7.2	8.7	11.0	13.8	17.1	20.3	23.3	26.0	30.3	36.6	42.9
75°	7.2	9.0	11.7	15.0	18.7	21.2	24.9	29.1	35.1	40.2	45.5
72.5°	7.2	9.3	12.4	16.3	19.0	22.0	26.3	31.6	36.8	42.2	47.9
70°	7.2	9.6	13.1	17.2	19.3	22.8	27.6	32.9	38.4	44.1	49.7
67.5°	7.2	9.9	13.8	17.1	19.5	23.4	28.7	34.0	39.8	45.6	51.3
65°	7.2	10.1	14.4	17.0	19.6	24.1	29.7	35.1	41.0	46.9	53.3
62.5°	7.2	10.4	15.0	16.9	19.6	25.1	30.8	36.0	42.1	48.4	56.4
60°	7.2	10.6	15.6	16.7	19.6	26.1	31.8	36.9	43.1	50.7	59.2
57.5°	7.2	10.9	15.5	16.5	20.4	27.0	33.0	37.8	44.6	52.8	60.2
55°	7.2	11.1	15.3	16.2	21.2	27.9	34.2	39.1	46.1	54.2	60.4
52.5°	7.2	11.3	15.2	15.9	21.9	28.9	35.5	40.7	47.3	54.2	60.4
50°	7.2	11.5	15.1	15.5	22.7	30.1	36.9	42.4	48.0	54.2	57.5
47.5°	7.2	11.7	15.0	15.3	23.4	31.3	38.3	44.1	47.8	54.0	54.6
45°	7.2	11.8	15.0	15.8	24.1	32.6	39.8	45.9	48.9	51.9	52.1
42.5°	7.2	12.0	14.9	16.3	24.7	33.8	41.3	47.3	50.3	50.1	49.7
40°	7.2	12.1	14.9	17.1	25.5	35.0	42.7	48.6	51.5	48.9	47.5
37.5°	7.2	12.3	14.9	18.0	26.5	36.3	44.2	50.0	52.5	50.1	45.8
35°	7.2	12.4	14.9	19.0	27.4	37.5	45.6	51.5	53.9	52.3	46.0
32.5°	7.2	12.5	14.9	19.9	28.2	38.5	47.0	53.1	55.7	55.7	55.1
30°	7.2	12.6	15.0	20.9	29.1	39.6	48.2	54.7	57.9	60.3	66.4
27.5°	7.2	12.6	15.0	21.8	30.9	40.6	49.4	56.4	60.9	65.9	79.7
25°	7.2	12.7	15.1	22.8	32.8	41.5	50.7	58.3	65.2	75.4	96.6
22.5°	7.2	12.7	15.2	23.7	34.7	43.1	52.0	60.4	70.1	87.4	151.5
20°	7.2	12.8	15.3	24.6	36.6	46.5	53.2	62.6	75.5	100.4	214.1
17.5°	7.2	12.8	15.4	25.5	38.6	50.1	57.8	64.9	81.3	114.1	282.9
15°	7.2	12.8	15.5	26.4	40.4	53.7	64.8	71.5	87.4	128.3	356.0
12.5°	7.2	12.8	15.6	27.2	42.3	57.4	72.1	83.6	101.5	142.8	431.6
10°	7.2	12.7	15.7	27.9	44.0	61.1	79.5	96.2	122.0	176.8	516.0
7.5°	7.2	12.7	15.8	28.7	45.7	64.8	87.1	109.0	142.8	214.3	616.6
5°	7.2	12.6	15.9	29.3	47.3	68.4	94.7	121.8	163.7	251.9	713.2
2.5°	7.2	12.6	16.0	29.9	48.8	71.9	102.1	134.5	184.2	288.7	803.4
0°	7.2	12.5	16.1	30.4	50.1	75.2	109.2	146.9	204.2	324.2	884.7
-2.5°	7.2	12.8	17.3	34.1	58.5	91.5	137.7	194.0	275.6	422.7	984.2
-5°	7.2	13.0	18.6	37.7	66.7	107.4	165.5	239.8	345.1	517.8	1072.6
-7.5°	7.2	13.3	19.8	41.2	74.6	122.7	192.2	283.8	411.7	608.3	1149.8
-10°	7.2	13.5	20.9	44.4	82.0	137.1	217.3	325.4	474.5	693.1	1216.3
-12.5°	7.2	13.7	22.0	47.4	88.9	150.4	240.6	363.9	532.6	767.8	1243.3
-15°	7.2	13.9	23.0	50.2	95.1	162.6	261.7	398.6	579.9	813.2	1249.2
-17.5°	7.2	14.1	24.0	52.6	100.7	173.4	280.3	428.8	616.1	852.8	1249.3
-20°	7.2	14.2	24.8	54.7	105.5	182.7	297.8	455.0	647.9	886.3	1244.8



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 CATALOG NUMBER: EPH-08-640L-57-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.2	14.4	25.6	56.4	109.4	190.3	315.5	477.4	675.2	913.3	1236.6
-25°	7.2	14.5	26.3	57.8	112.5	200.0	330.5	495.9	697.7	933.7	1225.7
-27.5°	7.2	14.5	26.9	58.7	114.5	209.4	342.7	510.2	715.3	950.5	1242.5
-30°	7.2	14.6	27.3	59.1	115.9	216.7	352.1	520.1	729.3	967.2	1252.4
-32.5°	7.2	14.6	27.7	59.1	119.7	221.9	358.5	529.0	738.6	977.5	1253.7
-35°	7.2	14.6	27.9	58.7	122.1	224.9	363.5	534.8	742.0	981.2	1246.4
-37.5°	7.2	14.6	28.0	57.7	123.0	226.2	365.9	536.5	739.4	978.3	1205.6
-40°	7.2	14.5	28.0	56.3	122.5	226.7	365.0	533.9	730.7	969.2	1163.1
-42.5°	7.2	14.4	27.9	54.9	121.6	224.8	360.7	527.1	720.9	929.9	1114.5
-45°	7.2	14.3	27.6	54.0	120.5	220.6	353.0	516.9	708.1	882.9	1060.3
-47.5°	7.2	14.1	27.2	52.4	118.1	214.1	342.0	503.3	689.2	832.0	1002.7
-50°	7.2	14.0	26.7	51.8	114.4	205.3	329.9	485.2	648.4	784.9	940.5
-52.5°	7.2	13.7	26.1	51.3	109.5	194.3	315.0	462.8	605.2	733.5	874.5
-55°	7.2	13.5	25.3	50.3	103.4	184.4	296.9	436.4	559.6	678.1	810.7
-57.5°	7.2	13.3	24.4	48.7	96.1	173.3	275.7	408.4	511.4	621.7	742.3
-60°	7.2	13.0	23.4	46.6	87.9	160.5	252.3	371.1	461.9	563.1	671.4
-62.5°	7.2	12.7	22.5	44.0	82.6	146.0	231.6	330.2	415.0	501.7	601.1
-65°	7.2	12.3	21.6	41.0	76.4	129.9	208.7	290.5	366.8	445.4	527.8
-67.5°	7.2	12.0	20.5	37.5	69.4	115.3	183.6	255.8	317.4	389.7	461.8
-70°	7.2	11.6	19.4	33.7	61.7	102.4	156.7	220.5	277.6	332.8	398.4
-72.5°	7.2	11.2	18.3	30.8	53.3	88.4	134.8	184.6	237.4	288.3	337.2
-75°	7.2	10.8	17.1	28.1	44.4	73.6	112.5	152.6	196.7	243.6	288.6
-77.5°	7.2	10.4	15.8	25.2	38.4	58.0	89.2	121.1	156.8	197.2	239.6
-80°	7.2	9.9	14.5	22.2	33.0	46.7	64.9	88.7	116.0	147.0	181.6
-82.5°	7.2	9.5	13.2	19.1	27.4	37.9	50.6	61.3	74.3	95.7	119.9
-85°	7.2	9.0	11.8	15.9	21.6	28.8	37.5	44.7	52.5	60.9	69.9
-87.5°	7.2	8.6	10.4	12.7	15.8	19.6	24.1	28.0	32.1	36.5	41.3
-90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2



REPORT NUMBER: P1305735 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	13.0	13.4	13.9	14.3	15.7	17.0	18.4	19.7	22.0	24.2	26.5
87.5°	11.7	12.5	13.4	14.4	13.7	12.9	12.0	11.0	11.8	12.6	13.5
85°	16.2	17.9	20.2	22.0	21.9	22.0	22.3	22.9	24.4	25.7	26.7
82.5°	26.3	28.6	30.3	31.3	33.0	35.1	38.0	42.2	44.5	46.0	46.9
80°	37.5	39.5	41.1	44.1	49.4	55.5	62.3	69.5	71.9	72.1	71.4
77.5°	44.9	47.9	52.8	59.5	67.5	75.3	83.7	92.6	95.2	94.6	93.3
75°	49.8	55.7	63.0	72.1	81.9	91.9	102.3	112.0	114.8	111.9	108.1
72.5°	53.6	61.3	71.1	83.1	94.1	104.2	115.1	126.6	130.6	124.4	116.6
70°	56.3	66.0	77.9	90.4	103.0	114.0	124.2	135.2	141.6	131.0	115.5
67.5°	58.5	70.6	83.4	96.5	107.7	118.2	129.8	133.4	134.9	118.8	102.2
65°	61.8	74.7	86.4	97.9	110.0	113.5	116.0	118.5	115.9	97.6	79.5
62.5°	65.1	75.7	86.9	95.8	98.7	100.5	98.4	93.7	87.3	74.6	59.8
60°	66.0	75.4	82.7	85.4	86.2	82.5	76.9	71.1	64.4	53.9	43.7
57.5°	66.4	71.1	73.9	74.5	71.1	65.1	59.6	52.2	46.5	39.9	31.7
55°	64.8	63.8	65.1	62.9	58.0	51.7	45.1	40.0	33.4	29.5	24.7
52.5°	60.3	57.8	56.6	53.0	47.4	41.6	36.2	31.4	27.6	23.3	20.2
50°	56.3	52.9	49.2	44.8	40.6	36.7	30.6	27.3	24.0	20.7	17.9
47.5°	52.7	48.7	43.0	39.4	38.9	36.6	30.7	25.4	22.5	22.4	19.9
45°	49.4	46.0	39.6	40.3	41.4	41.3	37.2	24.9	27.7	28.2	26.8
42.5°	46.6	45.2	47.0	42.8	49.5	53.2	50.0	41.7	37.0	41.1	42.8
40°	47.0	46.3	61.9	61.5	62.5	72.2	76.9	70.9	54.6	64.7	69.3
37.5°	48.8	65.0	84.5	90.8	85.2	101.8	111.8	118.6	105.8	97.6	111.9
35°	51.8	88.5	117.5	131.1	131.8	141.4	167.3	178.0	169.5	156.5	168.0
32.5°	67.7	116.5	156.5	179.6	200.8	210.6	233.8	244.8	254.1	254.1	249.2
30°	101.3	153.6	201.8	233.3	284.3	330.7	320.6	323.0	357.3	392.2	409.1
27.5°	158.8	199.5	252.3	309.2	387.1	477.4	493.5	447.7	494.3	558.8	616.0
25°	231.0	338.2	306.1	399.6	529.4	654.6	721.2	752.9	689.2	783.0	918.3
22.5°	330.9	514.0	515.6	498.2	689.3	864.4	1028.4	1185.5	1266.8	1164.9	1305.6
20°	465.5	702.0	777.8	861.8	928.6	1102.9	1386.0	1728.9	2042.9	2220.6	2139.1
17.5°	620.1	907.3	1081.1	1306.2	1528.5	1623.6	1803.9	2365.5	2975.0	3494.0	3773.0
15°	790.3	1126.6	1409.3	1796.3	2196.1	2497.5	2809.9	3292.4	4097.0	4984.8	5695.6
12.5°	971.3	1356.2	1756.0	2321.6	2915.6	3411.2	3968.2	4701.9	5630.2	6737.6	7895.4
10°	1157.8	1592.2	2114.5	2870.4	3671.7	4352.2	5149.3	6111.6	7297.0	8676.8	10131.9
7.5°	1355.4	1823.1	2467.8	3429.9	4447.7	5306.5	6337.1	7508.1	8946.5	10586.7	12340.9
5°	1546.8	2040.9	2762.4	3879.8	5077.4	6111.8	7419.3	8872.5	10559.1	12445.6	14512.9
2.5°	1725.2	2249.5	3041.4	4291.5	5588.5	6662.4	8062.3	9624.8	11527.4	13751.6	16142.6
0°	1885.9	2446.4	3300.7	4670.8	6060.6	7174.5	8652.1	10314.1	12296.7	14737.7	17250.4
-2.5°	1955.5	2549.2	3417.6	4727.3	6048.8	7183.8	8605.6	10301.0	12213.0	14540.3	17005.0
-5°	2004.8	2635.9	3509.7	4747.8	5998.0	7150.3	8506.3	10209.9	11947.0	14017.2	16225.3
-7.5°	2035.9	2704.9	3576.3	4713.0	5832.4	6887.7	8067.3	9518.5	11102.3	12945.0	14889.1
-10°	2042.4	2697.5	3476.4	4486.1	5510.6	6478.2	7529.4	8789.6	10205.8	11817.4	13507.5
-12.5°	1978.9	2622.8	3335.7	4243.0	5177.5	6052.8	6973.3	8043.9	9271.4	10656.7	12153.0
-15°	1910.1	2538.3	3184.5	3989.7	4841.2	5618.8	6408.6	7296.6	8385.6	9647.7	10938.1
-17.5°	1839.4	2445.3	3025.8	3731.6	4509.1	5182.9	5874.2	6717.5	7693.3	8756.9	9807.2
-20°	1769.9	2345.4	2862.6	3474.0	4186.5	4822.7	5496.8	6237.8	7057.0	7923.8	8758.8



REPORT NUMBER: P1305735 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1704.7	2239.7	2711.7	3258.0	3909.3	4519.3	5121.4	5758.1	6436.4	7138.2	8019.3
-25°	1661.0	2138.3	2580.0	3086.6	3649.0	4212.0	4743.1	5290.4	5874.3	6650.6	7466.7
-27.5°	1633.9	2052.0	2464.4	2914.5	3399.8	3908.9	4389.5	4872.3	5523.2	6221.7	6944.0
-30°	1607.2	1966.1	2343.9	2751.7	3193.6	3635.2	4049.0	4594.4	5201.4	5840.4	6482.8
-32.5°	1556.4	1875.9	2234.1	2611.5	3002.0	3384.4	3816.4	4352.8	4909.5	5471.3	6051.1
-35°	1493.4	1796.3	2126.4	2469.1	2819.1	3197.3	3635.3	4107.5	4618.9	5141.6	5713.8
-37.5°	1438.4	1709.7	2014.7	2334.2	2662.2	3034.6	3437.3	3878.6	4344.7	4833.4	5379.7
-40°	1377.4	1616.4	1908.9	2208.6	2516.6	2864.6	3243.9	3644.8	4073.9	4541.2	5031.5
-42.5°	1312.1	1542.2	1800.1	2079.6	2372.5	2690.8	3035.2	3412.3	3812.6	4238.0	4687.1
-45°	1251.3	1462.4	1689.4	1950.4	2221.3	2510.8	2830.2	3168.6	3548.0	3939.7	4344.3
-47.5°	1183.9	1379.1	1594.1	1812.5	2066.2	2333.1	2616.2	2936.4	3271.6	3635.3	4008.8
-50°	1111.1	1296.5	1485.7	1685.5	1907.5	2151.3	2410.0	2698.2	3008.4	3326.1	3662.0
-52.5°	1036.3	1206.6	1377.8	1555.9	1753.9	1970.6	2205.8	2460.8	2740.0	3031.4	3321.3
-55°	956.5	1113.8	1266.1	1428.0	1600.6	1793.6	2001.4	2228.7	2463.0	2728.3	2983.8
-57.5°	875.9	1014.4	1152.9	1299.8	1453.7	1615.4	1804.7	1997.2	2208.3	2426.6	2639.3
-60°	792.5	913.3	1036.6	1169.3	1308.3	1454.7	1608.8	1780.7	1959.5	2136.1	2323.5
-62.5°	705.9	812.5	921.0	1034.8	1159.7	1291.5	1429.2	1572.5	1720.0	1873.5	2024.9
-65°	622.5	712.8	807.5	907.0	1007.2	1128.0	1249.9	1370.4	1499.3	1623.7	1745.1
-67.5°	537.5	623.1	702.7	780.4	872.8	976.5	1072.2	1181.4	1289.4	1391.6	1490.5
-70°	467.1	535.6	608.7	679.0	751.7	840.0	933.8	1020.7	1102.5	1188.2	1280.9
-72.5°	399.2	465.4	526.5	582.7	656.4	739.0	816.0	887.6	965.6	1047.0	1122.0
-75°	337.2	394.9	454.5	509.8	571.1	643.2	720.8	793.8	860.1	926.0	994.2
-77.5°	277.4	320.8	371.0	427.7	488.5	544.6	605.9	672.0	734.0	796.8	863.5
-80°	213.0	243.9	278.0	317.3	362.5	412.0	465.1	521.6	571.1	616.6	661.6
-82.5°	143.3	166.9	190.7	214.8	240.1	266.7	296.1	332.1	364.2	396.4	429.1
-85°	79.3	89.3	105.6	122.1	136.2	151.0	166.7	183.0	198.3	213.2	227.8
-87.5°	46.2	51.4	56.9	62.6	66.3	69.9	73.4	76.7	81.0	85.2	89.3
-90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	28.7	29.1	29.6	30.0	30.4	31.8	33.1	34.5	35.8	35.4	34.9
87.5°	14.5	14.3	14.0	13.7	13.5	14.8	16.2	17.7	19.1	17.6	15.9
85°	27.5	27.7	27.7	27.6	27.4	29.3	31.1	32.9	34.7	32.0	29.2
82.5°	47.3	46.4	44.8	42.5	39.7	39.1	38.3	37.2	35.9	34.4	33.0
80°	70.2	66.8	62.5	57.4	51.7	48.7	45.9	42.7	39.2	38.2	37.4
77.5°	90.5	84.4	76.9	68.9	60.3	55.1	50.8	46.2	41.6	40.5	40.1
75°	103.4	95.5	84.7	73.5	61.9	54.7	49.4	44.3	39.3	37.8	37.1
72.5°	107.3	96.3	83.7	69.7	56.2	47.6	42.7	38.3	34.4	32.8	32.0
70°	100.4	85.8	71.8	58.4	45.9	38.0	34.5	31.6	29.0	27.9	27.5
67.5°	84.8	69.5	56.4	45.1	36.1	30.3	28.3	26.5	24.9	23.9	23.2
65°	64.5	52.4	42.9	35.4	29.6	26.0	24.5	23.0	21.5	20.4	19.6
62.5°	47.3	38.6	33.0	28.7	25.4	23.0	21.4	20.2	19.1	18.2	17.5
60°	35.7	29.7	26.2	23.5	21.4	19.8	18.9	18.1	17.3	16.5	15.8
57.5°	27.3	23.6	21.1	19.7	18.8	18.1	17.4	16.5	15.7	14.9	14.1
55°	21.5	19.7	18.2	17.8	17.4	16.7	15.9	15.2	14.3	13.2	12.4
52.5°	18.1	17.9	17.9	17.6	17.1	16.6	16.0	14.9	13.8	12.7	12.1
50°	17.9	18.0	18.1	17.8	17.2	16.7	16.2	15.4	14.7	13.9	13.4
47.5°	18.6	18.8	19.9	18.2	17.9	18.4	18.1	17.4	17.1	16.8	16.3
45°	21.9	25.6	26.6	25.2	22.2	24.7	23.8	21.0	22.7	22.5	21.1
42.5°	38.9	42.9	46.1	44.1	37.8	39.9	39.9	35.6	36.8	37.0	35.3
40°	74.2	72.8	77.9	75.9	69.0	66.4	69.4	64.5	63.6	66.0	63.1
37.5°	122.2	123.0	120.8	121.1	118.6	112.0	116.0	114.6	110.5	118.2	119.1
35°	191.1	197.0	178.4	185.8	189.0	181.7	186.3	199.3	190.9	208.9	213.9
32.5°	283.4	295.6	286.9	278.4	292.4	303.6	308.9	336.5	343.9	360.2	379.5
30°	397.2	429.1	454.3	438.5	436.8	476.4	499.2	536.4	572.4	594.0	633.5
27.5°	633.8	624.0	683.9	701.7	662.2	725.5	811.5	827.9	937.6	946.4	1023.2
25°	1001.7	996.5	1014.6	1101.6	1123.6	1155.4	1302.9	1380.9	1506.7	1574.7	1633.5
22.5°	1495.6	1635.2	1659.0	1619.1	1810.2	1935.1	1976.4	2200.7	2303.3	2456.5	2502.6
20°	2113.4	2438.1	2848.3	2854.8	2776.1	3136.1	3285.2	3403.1	3653.9	3828.6	3947.1
17.5°	3733.1	3730.6	4568.4	5031.3	4978.9	5238.1	5971.3	5895.6	6488.1	6847.2	6862.3
15°	6110.3	6553.4	7085.0	7924.5	8639.1	9215.1	9911.3	10820.9	11557.5	12422.8	13079.6
12.5°	8829.8	9702.4	10612.3	11570.0	12691.4	13964.8	15349.8	16562.4	18004.7	19266.9	20572.2
10°	11554.7	12936.7	14220.9	15652.1	17246.0	18942.3	20973.5	22748.2	24881.8	26753.1	27983.3
7.5°	14053.3	15711.2	17446.8	19527.3	21751.9	23882.0	26181.5	28670.7	31166.8	33329.0	35165.0
5°	16495.5	18359.2	20283.0	22574.6	25117.0	27786.1	30631.5	33575.3	36190.9	38653.9	40797.7
2.5°	18411.4	20546.2	22744.0	25335.4	28070.6	30775.6	33624.0	36793.1	39834.9	42715.6	44917.9
0°	19550.0	21692.0	23848.3	26593.8	29597.3	32504.0	35679.3	39053.5	42264.6	45019.1	47060.8
-2.5°	19096.4	21182.7	23361.6	26074.1	28967.6	31675.9	34709.9	37978.4	41088.5	43878.2	45997.1
-5°	18070.9	19942.7	21940.0	24448.0	27155.0	29845.7	32820.1	35929.4	38612.5	41088.6	42988.5
-7.5°	16628.7	18355.6	20218.3	22540.2	25029.6	27379.4	29810.6	32319.1	34760.7	36878.5	38441.7
-10°	15097.0	16660.3	18263.8	20125.8	22247.4	24298.4	26349.8	28637.7	30649.9	32398.3	33687.4
-12.5°	13561.1	14845.2	16110.2	17534.1	19354.6	21200.4	22974.6	24893.1	26495.9	27938.2	29085.1
-15°	12086.7	13086.5	14046.3	15424.4	17027.6	18390.7	19482.4	21220.1	22308.2	23590.3	24392.1
-17.5°	10716.4	11514.7	12681.1	13865.8	15009.6	16129.8	17389.5	18418.3	19486.3	20533.5	21222.6
-20°	9638.2	10625.5	11611.5	12574.9	13557.5	14626.8	15623.9	16596.1	17526.8	18331.7	18884.1



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8936.3	9812.8	10642.8	11509.7	12466.9	13364.8	14207.3	15102.5	15898.4	16499.3	16948.8
-25°	8262.3	9024.6	9832.1	10699.5	11509.4	12265.2	13041.0	13732.1	14411.1	14911.5	15332.1
-27.5°	7654.9	8378.1	9173.6	9942.4	10664.3	11370.7	12030.0	12602.5	13168.2	13568.4	13986.6
-30°	7126.6	7859.0	8582.6	9266.0	9944.0	10583.9	11165.3	11708.8	12183.5	12573.3	12923.9
-32.5°	6727.4	7391.6	8036.0	8675.3	9318.0	9907.9	10416.8	10938.8	11375.6	11749.3	12066.9
-35°	6332.8	6957.3	7552.9	8138.7	8730.2	9299.1	9791.8	10246.3	10676.2	11010.8	11301.7
-37.5°	5947.9	6530.3	7081.3	7608.2	8149.4	8673.8	9123.2	9550.2	9934.5	10243.7	10519.7
-40°	5560.2	6093.7	6586.4	7077.3	7563.5	8002.9	8425.4	8818.7	9147.9	9433.0	9684.2
-42.5°	5159.7	5629.4	6073.8	6523.1	6967.2	7356.0	7728.9	8082.2	8362.4	8615.1	8832.6
-45°	4757.7	5171.0	5578.1	5981.8	6347.2	6706.2	7044.2	7342.6	7595.2	7818.9	8007.6
-47.5°	4370.7	4722.0	5094.5	5462.6	5776.5	6083.9	6379.4	6632.4	6851.9	7047.5	7213.5
-50°	3984.0	4297.4	4622.3	4938.3	5226.2	5495.9	5743.7	5964.7	6164.7	6333.8	6476.2
-52.5°	3601.1	3892.2	4170.0	4426.8	4688.4	4936.4	5166.9	5360.1	5535.3	5691.7	5817.2
-55°	3235.7	3493.1	3752.8	3971.5	4183.0	4389.5	4581.5	4754.1	4912.8	5056.5	5169.0
-57.5°	2867.0	3091.5	3308.5	3504.6	3694.4	3876.6	4032.1	4167.4	4294.1	4410.2	4509.5
-60°	2511.1	2698.2	2881.5	3045.2	3203.3	3354.9	3487.3	3602.5	3704.5	3794.5	3875.9
-62.5°	2177.0	2337.8	2483.9	2616.0	2739.7	2863.4	2976.3	3075.9	3162.3	3236.3	3300.0
-65°	1869.9	2002.9	2119.8	2229.2	2331.9	2436.1	2526.8	2608.5	2681.3	2742.5	2791.5
-67.5°	1596.9	1701.0	1798.2	1883.0	1970.3	2059.0	2141.0	2212.6	2274.3	2323.2	2361.3
-70°	1366.6	1450.8	1538.1	1622.5	1705.7	1781.8	1852.7	1916.1	1972.6	2014.7	2048.3
-72.5°	1190.7	1261.8	1342.2	1427.5	1506.4	1582.2	1654.3	1721.4	1783.8	1823.9	1855.2
-75°	1064.4	1137.8	1209.8	1280.8	1350.7	1417.4	1484.5	1553.0	1622.2	1663.0	1695.8
-77.5°	925.0	976.4	1029.9	1087.8	1149.5	1209.3	1267.8	1325.5	1382.1	1410.5	1432.1
-80°	709.1	750.2	790.5	831.2	872.2	914.2	956.6	998.7	1040.0	1059.2	1073.5
-82.5°	462.2	490.4	517.2	543.0	567.7	588.7	608.4	626.7	643.6	651.8	657.5
-85°	242.1	254.5	266.2	277.2	287.6	294.1	299.6	304.4	308.2	313.4	317.9
-87.5°	93.2	96.7	100.1	103.4	106.7	108.3	109.7	110.9	111.9	113.6	115.2
-90°	7.2	6.8	6.3	5.9	5.4	5.0	4.5	4.1	3.6	3.6	3.6



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	34.5	34.0	34.9	35.8	34.9	34.0	34.5	34.9	35.4	35.8	34.5
87.5°	14.2	12.5	11.6	10.7	11.6	12.5	14.2	15.9	17.6	19.1	17.7
85°	26.3	23.2	21.5	19.7	21.5	23.2	26.3	29.2	32.0	34.7	32.9
82.5°	31.6	30.3	30.4	30.4	30.4	30.3	31.6	33.0	34.4	35.9	37.2
80°	36.6	35.7	35.8	35.8	35.8	35.7	36.6	37.4	38.2	39.2	42.7
77.5°	39.7	39.4	38.5	37.6	38.5	39.4	39.7	40.1	40.5	41.6	46.2
75°	36.5	35.9	35.8	35.8	35.8	35.9	36.5	37.1	37.8	39.3	44.3
72.5°	31.2	30.6	30.4	30.4	30.4	30.6	31.2	32.0	32.8	34.4	38.3
70°	27.2	27.0	26.1	25.1	26.1	27.0	27.2	27.5	27.9	29.0	31.6
67.5°	22.5	21.8	21.5	21.5	21.5	21.8	22.5	23.2	23.9	24.9	26.5
65°	18.8	18.1	17.9	17.9	17.9	18.1	18.8	19.6	20.4	21.5	23.0
62.5°	16.9	16.3	15.3	14.3	15.3	16.3	16.9	17.5	18.2	19.1	20.2
60°	15.2	14.5	13.6	12.5	13.6	14.5	15.2	15.8	16.5	17.3	18.1
57.5°	13.4	12.8	12.5	12.5	12.5	12.8	13.4	14.1	14.9	15.7	16.5
55°	11.7	11.0	10.7	10.7	10.7	11.0	11.7	12.4	13.2	14.3	15.2
52.5°	11.5	10.9	10.7	10.7	10.7	10.9	11.5	12.1	12.7	13.8	14.9
50°	13.1	12.6	12.5	12.5	12.5	12.6	13.1	13.4	13.9	14.7	15.4
47.5°	15.7	14.8	14.3	14.3	14.3	14.8	15.7	16.3	16.8	17.1	17.4
45°	20.6	20.0	19.6	19.7	19.6	20.0	20.6	21.1	22.5	22.7	21.0
42.5°	35.7	34.7	33.2	32.2	33.2	34.7	35.7	35.3	37.0	36.8	35.6
40°	63.2	61.9	59.8	59.1	59.8	61.9	63.2	63.1	66.0	63.6	64.5
37.5°	120.7	119.8	115.9	114.6	115.9	119.8	120.7	119.1	118.2	110.5	114.6
35°	213.4	215.1	211.4	211.3	211.4	215.1	213.4	213.9	208.9	190.9	199.3
32.5°	386.0	390.2	379.3	385.1	379.3	390.2	386.0	379.5	360.2	343.9	336.5
30°	632.2	646.3	640.1	643.0	640.1	646.3	632.2	633.5	594.0	572.4	536.4
27.5°	1030.7	1041.2	1019.5	1011.9	1019.5	1041.2	1030.7	1023.2	946.4	937.6	827.9
25°	1666.6	1673.2	1652.0	1660.2	1652.0	1673.2	1666.6	1633.5	1574.7	1506.7	1380.9
22.5°	2596.1	2571.2	2547.7	2525.2	2547.7	2571.2	2596.1	2502.6	2456.5	2303.3	2200.7
20°	4057.1	3999.8	3992.2	3949.0	3992.2	3999.8	4057.1	3947.1	3828.6	3653.9	3403.1
17.5°	7228.6	7332.6	7101.7	6655.2	7101.7	7332.6	7228.6	6862.3	6847.2	6488.1	5895.6
15°	13466.5	13955.2	14165.1	13652.4	14165.1	13955.2	13466.5	13079.6	12422.8	11557.5	10820.9
12.5°	21292.6	21636.7	22053.4	21749.3	22053.4	21636.7	21292.6	20572.2	19266.9	18004.7	16562.4
10°	29040.1	29555.2	30186.0	29901.7	30186.0	29555.2	29040.1	27983.3	26753.1	24881.8	22748.2
7.5°	36175.4	37062.9	37617.1	37260.7	37617.1	37062.9	36175.4	35165.0	33329.0	31166.8	28670.7
5°	42264.9	42966.5	43300.7	43208.5	43300.7	42966.5	42264.9	40797.7	38653.9	36190.9	33575.3
2.5°	46170.1	46910.9	47210.2	46961.4	47210.2	46910.9	46170.1	44917.9	42715.6	39834.9	36793.1
0°	48078.9	48773.0	49249.3	49287.0	49249.3	48773.0	48078.9	47060.8	45019.1	42264.6	39053.5
-2.5°	46975.9	47397.7	47625.5	47473.6	47625.5	47397.7	46975.9	45997.1	43878.2	41088.5	37978.4
-5°	44086.9	44532.9	44677.6	44854.4	44677.6	44532.9	44086.9	42988.5	41088.6	38612.5	35929.4
-7.5°	39321.0	39810.2	40170.9	40155.8	40170.9	39810.2	39321.0	38441.7	36878.5	34760.7	32319.1
-10°	34646.3	35009.8	35386.1	35322.9	35386.1	35009.8	34646.3	33687.4	32398.3	30649.9	28637.7
-12.5°	30013.4	30619.9	30767.2	30722.9	30767.2	30619.9	30013.4	29085.1	27938.2	26495.9	24893.1
-15°	25304.9	25754.2	25717.4	25598.1	25717.4	25754.2	25304.9	24392.1	23590.3	22308.2	21220.1
-17.5°	21818.9	22066.7	22161.4	22068.1	22161.4	22066.7	21818.9	21222.6	20533.5	19486.3	18418.3
-20°	19338.4	19529.9	19594.4	19637.8	19594.4	19529.9	19338.4	18884.1	18331.7	17526.8	16596.1



REPORT NUMBER: P1305735 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	17335.9	17531.5	17588.1	17662.4	17588.1	17531.5	17335.9	16948.8	16499.3	15898.4	15102.5
-25°	15656.6	15847.7	15912.4	15986.0	15912.4	15847.7	15656.6	15332.1	14911.5	14411.1	13732.1
-27.5°	14267.1	14453.7	14531.4	14587.3	14531.4	14453.7	14267.1	13986.6	13568.4	13168.2	12602.5
-30°	13172.9	13356.6	13467.7	13503.8	13467.7	13356.6	13172.9	12923.9	12573.3	12183.5	11708.8
-32.5°	12304.8	12465.2	12569.6	12622.6	12569.6	12465.2	12304.8	12066.9	11749.3	11375.6	10938.8
-35°	11531.6	11692.6	11801.1	11856.1	11801.1	11692.6	11531.6	11301.7	11010.8	10676.2	10246.3
-37.5°	10740.9	10916.2	11031.0	11034.0	11031.0	10916.2	10740.9	10519.7	10243.7	9934.5	9550.2
-40°	9868.6	10007.6	10098.7	10135.0	10098.7	10007.6	9868.6	9684.2	9433.0	9147.9	8818.7
-42.5°	8993.6	9111.7	9185.5	9216.2	9185.5	9111.7	8993.6	8832.6	8615.1	8362.4	8082.2
-45°	8158.3	8277.3	8338.8	8329.7	8338.8	8277.3	8158.3	8007.6	7818.9	7595.2	7342.6
-47.5°	7341.0	7433.4	7483.8	7495.1	7483.8	7433.4	7341.0	7213.5	7047.5	6851.9	6632.4
-50°	6597.1	6695.0	6736.8	6725.0	6736.8	6695.0	6597.1	6476.2	6333.8	6164.7	5964.7
-52.5°	5920.7	6003.8	6040.0	6035.5	6040.0	6003.8	5920.7	5817.2	5691.7	5535.3	5360.1
-55°	5261.0	5332.9	5361.5	5356.7	5361.5	5332.9	5261.0	5169.0	5056.5	4912.8	4754.1
-57.5°	4591.7	4656.5	4675.7	4663.6	4675.7	4656.5	4591.7	4509.5	4410.2	4294.1	4167.4
-60°	3943.4	3996.6	4013.2	4006.4	4013.2	3996.6	3943.4	3875.9	3794.5	3704.5	3602.5
-62.5°	3352.6	3393.8	3410.7	3411.8	3410.7	3393.8	3352.6	3300.0	3236.3	3162.3	3075.9
-65°	2831.3	2861.8	2875.4	2878.1	2875.4	2861.8	2831.3	2791.5	2742.5	2681.3	2608.5
-67.5°	2392.0	2415.7	2424.1	2424.9	2424.1	2415.7	2392.0	2361.3	2323.2	2274.3	2212.6
-70°	2078.3	2104.9	2116.0	2122.3	2116.0	2104.9	2078.3	2048.3	2014.7	1972.6	1916.1
-72.5°	1884.5	1911.8	1924.7	1934.2	1924.7	1911.8	1884.5	1855.2	1823.9	1783.8	1721.4
-75°	1726.9	1755.9	1765.0	1769.5	1765.0	1755.9	1726.9	1695.8	1663.0	1622.2	1553.0
-77.5°	1450.8	1466.4	1472.2	1474.0	1472.2	1466.4	1450.8	1432.1	1410.5	1382.1	1325.5
-80°	1084.7	1092.9	1108.5	1121.1	1108.5	1092.9	1084.7	1073.5	1059.2	1040.0	998.7
-82.5°	661.0	662.4	671.5	678.8	671.5	662.4	661.0	657.5	651.8	643.6	626.7
-85°	321.5	324.4	331.8	338.5	331.8	324.4	321.5	317.9	313.4	308.2	304.4
-87.5°	116.6	117.9	117.2	116.4	117.2	117.9	116.6	115.2	113.6	111.9	110.9
-90°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	4.1



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	33.1	31.8	30.4	30.0	29.6	29.1	28.7	26.5	24.2	22.0	19.7
87.5°	16.2	14.8	13.5	13.7	14.0	14.3	14.5	13.5	12.6	11.8	11.0
85°	31.1	29.3	27.4	27.6	27.7	27.7	27.5	26.7	25.7	24.4	22.9
82.5°	38.3	39.1	39.7	42.5	44.8	46.4	47.3	46.9	46.0	44.5	42.2
80°	45.9	48.7	51.7	57.4	62.5	66.8	70.2	71.4	72.1	71.9	69.5
77.5°	50.8	55.1	60.3	68.9	76.9	84.4	90.5	93.3	94.6	95.2	92.6
75°	49.4	54.7	61.9	73.5	84.7	95.5	103.4	108.1	111.9	114.8	112.0
72.5°	42.7	47.6	56.2	69.7	83.7	96.3	107.3	116.6	124.4	130.6	126.6
70°	34.5	38.0	45.9	58.4	71.8	85.8	100.4	115.5	131.0	141.6	135.2
67.5°	28.3	30.3	36.1	45.1	56.4	69.5	84.8	102.2	118.8	134.9	133.4
65°	24.5	26.0	29.6	35.4	42.9	52.4	64.5	79.5	97.6	115.9	118.5
62.5°	21.4	23.0	25.4	28.7	33.0	38.6	47.3	59.8	74.6	87.3	93.7
60°	18.9	19.8	21.4	23.5	26.2	29.7	35.7	43.7	53.9	64.4	71.1
57.5°	17.4	18.1	18.8	19.7	21.1	23.6	27.3	31.7	39.9	46.5	52.2
55°	15.9	16.7	17.4	17.8	18.2	19.7	21.5	24.7	29.5	33.4	40.0
52.5°	16.0	16.6	17.1	17.6	17.9	17.9	18.1	20.2	23.3	27.6	31.4
50°	16.2	16.7	17.2	17.8	18.1	18.0	17.9	17.9	20.7	24.0	27.3
47.5°	18.1	18.4	17.9	18.2	19.9	18.8	18.6	19.9	22.4	22.5	25.4
45°	23.8	24.7	22.2	25.2	26.6	25.6	21.9	26.8	28.2	27.7	24.9
42.5°	39.9	39.9	37.8	44.1	46.1	42.9	38.9	42.8	41.1	37.0	41.7
40°	69.4	66.4	69.0	75.9	77.9	72.8	74.2	69.3	64.7	54.6	70.9
37.5°	116.0	112.0	118.6	121.1	120.8	123.0	122.2	111.9	97.6	105.8	118.6
35°	186.3	181.7	189.0	185.8	178.4	197.0	191.1	168.0	156.5	169.5	178.0
32.5°	308.9	303.6	292.4	278.4	286.9	295.6	283.4	249.2	254.1	254.1	244.8
30°	499.2	476.4	436.8	438.5	454.3	429.1	397.2	409.1	392.2	357.3	323.0
27.5°	811.5	725.5	662.2	701.7	683.9	624.0	633.8	616.0	558.8	494.3	447.7
25°	1302.9	1155.4	1123.6	1101.6	1014.6	996.5	1001.7	918.3	783.0	689.2	752.9
22.5°	1976.4	1935.1	1810.2	1619.1	1659.0	1635.2	1495.6	1305.6	1164.9	1266.8	1185.5
20°	3285.2	3136.1	2776.1	2854.8	2848.3	2438.1	2113.4	2139.1	2220.6	2042.9	1728.9
17.5°	5971.3	5238.1	4978.9	5031.3	4568.4	3730.6	3733.1	3773.0	3494.0	2975.0	2365.5
15°	9911.3	9215.1	8639.1	7924.5	7085.0	6553.4	6110.3	5695.6	4984.8	4097.0	3292.4
12.5°	15349.8	13964.8	12691.4	11570.0	10612.3	9702.4	8829.8	7895.4	6737.6	5630.2	4701.9
10°	20973.5	18942.3	17246.0	15652.1	14220.9	12936.7	11554.7	10131.9	8676.8	7297.0	6111.6
7.5°	26181.5	23882.0	21751.9	19527.3	17446.8	15711.2	14053.3	12340.9	10586.7	8946.5	7508.1
5°	30631.5	27786.1	25117.0	22574.6	20283.0	18359.2	16495.5	14512.9	12445.6	10559.1	8872.5
2.5°	33624.0	30775.6	28070.6	25335.4	22744.0	20546.2	18411.4	16142.6	13751.6	11527.4	9624.8
0°	35679.3	32504.0	29597.3	26593.8	23848.3	21692.0	19550.0	17250.4	14737.7	12296.7	10314.1
-2.5°	34709.9	31675.9	28967.6	26074.1	23361.6	21182.7	19096.4	17005.0	14540.3	12213.0	10301.0
-5°	32820.1	29845.7	27155.0	24448.0	21940.0	19942.7	18070.9	16225.3	14017.2	11947.0	10209.9
-7.5°	29810.6	27379.4	25029.6	22540.2	20218.3	18355.6	16628.7	14889.1	12945.0	11102.3	9518.5
-10°	26349.8	24298.4	22247.4	20125.8	18263.8	16660.3	15097.0	13507.5	11817.4	10205.8	8789.6
-12.5°	22974.6	21200.4	19354.6	17534.1	16110.2	14845.2	13561.1	12153.0	10656.7	9271.4	8043.9
-15°	19482.4	18390.7	17027.6	15424.4	14046.3	13086.5	12086.7	10938.1	9647.7	8385.6	7296.6
-17.5°	17389.5	16129.8	15009.6	13865.8	12681.1	11514.7	10716.4	9807.2	8756.9	7693.3	6717.5
-20°	15623.9	14626.8	13557.5	12574.9	11611.5	10625.5	9638.2	8758.8	7923.8	7057.0	6237.8



REPORT NUMBER: P1305735 (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°	14207.3	13364.8	12466.9	11509.7	10642.8	9812.8	8936.3	8019.3	7138.2	6436.4	5758.1
-25°	13041.0	12265.2	11509.4	10699.5	9832.1	9024.6	8262.3	7466.7	6650.6	5874.3	5290.4
-27.5°	12030.0	11370.7	10664.3	9942.4	9173.6	8378.1	7654.9	6944.0	6221.7	5523.2	4872.3
-30°	11165.3	10583.9	9944.0	9266.0	8582.6	7859.0	7126.6	6482.8	5840.4	5201.4	4594.4
-32.5°	10416.8	9907.9	9318.0	8675.3	8036.0	7391.6	6727.4	6051.1	5471.3	4909.5	4352.8
-35°	9791.8	9299.1	8730.2	8138.7	7552.9	6957.3	6332.8	5713.8	5141.6	4618.9	4107.5
-37.5°	9123.2	8673.8	8149.4	7608.2	7081.3	6530.3	5947.9	5379.7	4833.4	4344.7	3878.6
-40°	8425.4	8002.9	7563.5	7077.3	6586.4	6093.7	5560.2	5031.5	4541.2	4073.9	3644.8
-42.5°	7728.9	7356.0	6967.2	6523.1	6073.8	5629.4	5159.7	4687.1	4238.0	3812.6	3412.3
-45°	7044.2	6706.2	6347.2	5981.8	5578.1	5171.0	4757.7	4344.3	3939.7	3548.0	3168.6
-47.5°	6379.4	6083.9	5776.5	5462.6	5094.5	4722.0	4370.7	4008.8	3635.3	3271.6	2936.4
-50°	5743.7	5495.9	5226.2	4938.3	4622.3	4297.4	3984.0	3662.0	3326.1	3008.4	2698.2
-52.5°	5166.9	4936.4	4688.4	4426.8	4170.0	3892.2	3601.1	3321.3	3031.4	2740.0	2460.8
-55°	4581.5	4389.5	4183.0	3971.5	3752.8	3493.1	3235.7	2983.8	2728.3	2463.0	2228.7
-57.5°	4032.1	3876.6	3694.4	3504.6	3308.5	3091.5	2867.0	2639.3	2426.6	2208.3	1997.2
-60°	3487.3	3354.9	3203.3	3045.2	2881.5	2698.2	2511.1	2323.5	2136.1	1959.5	1780.7
-62.5°	2976.3	2863.4	2739.7	2616.0	2483.9	2337.8	2177.0	2024.9	1873.5	1720.0	1572.5
-65°	2526.8	2436.1	2331.9	2229.2	2119.8	2002.9	1869.9	1745.1	1623.7	1499.3	1370.4
-67.5°	2141.0	2059.0	1970.3	1883.0	1798.2	1701.0	1596.9	1490.5	1391.6	1289.4	1181.4
-70°	1852.7	1781.8	1705.7	1622.5	1538.1	1450.8	1366.6	1280.9	1188.2	1102.5	1020.7
-72.5°	1654.3	1582.2	1506.4	1427.5	1342.2	1261.8	1190.7	1122.0	1047.0	965.6	887.6
-75°	1484.5	1417.4	1350.7	1280.8	1209.8	1137.8	1064.4	994.2	926.0	860.1	793.8
-77.5°	1267.8	1209.3	1149.5	1087.8	1029.9	976.4	925.0	863.5	796.8	734.0	672.0
-80°	956.6	914.2	872.2	831.2	790.5	750.2	709.1	661.6	616.6	571.1	521.6
-82.5°	608.4	588.7	567.7	543.0	517.2	490.4	462.2	429.1	396.4	364.2	332.1
-85°	299.6	294.1	287.6	277.2	266.2	254.5	242.1	227.8	213.2	198.3	183.0
-87.5°	109.7	108.3	106.7	103.4	100.1	96.7	93.2	89.3	85.2	81.0	76.7
-90°	4.5	5.0	5.4	5.9	6.3	6.8	7.2	7.2	7.2	7.2	7.2



REPORT NUMBER: P1305735 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	18.4	17.0	15.7	14.3	13.9	13.4	13.0	12.5	12.1	11.6	11.2
87.5°	12.0	12.9	13.7	14.4	13.4	12.5	11.7	11.0	11.1	11.2	11.1
85°	22.3	22.0	21.9	22.0	20.2	17.9	16.2	14.8	15.1	15.2	15.0
82.5°	38.0	35.1	33.0	31.3	30.3	28.6	26.3	23.2	20.7	19.3	18.9
80°	62.3	55.5	49.4	44.1	41.1	39.5	37.5	34.2	28.8	24.9	22.6
77.5°	83.7	75.3	67.5	59.5	52.8	47.9	44.9	42.9	36.6	30.3	26.0
75°	102.3	91.9	81.9	72.1	63.0	55.7	49.8	45.5	40.2	35.1	29.1
72.5°	115.1	104.2	94.1	83.1	71.1	61.3	53.6	47.9	42.2	36.8	31.6
70°	124.2	114.0	103.0	90.4	77.9	66.0	56.3	49.7	44.1	38.4	32.9
67.5°	129.8	118.2	107.7	96.5	83.4	70.6	58.5	51.3	45.6	39.8	34.0
65°	116.0	113.5	110.0	97.9	86.4	74.7	61.8	53.3	46.9	41.0	35.1
62.5°	98.4	100.5	98.7	95.8	86.9	75.7	65.1	56.4	48.4	42.1	36.0
60°	76.9	82.5	86.2	85.4	82.7	75.4	66.0	59.2	50.7	43.1	36.9
57.5°	59.6	65.1	71.1	74.5	73.9	71.1	66.4	60.2	52.8	44.6	37.8
55°	45.1	51.7	58.0	62.9	65.1	63.8	64.8	60.4	54.2	46.1	39.1
52.5°	36.2	41.6	47.4	53.0	56.6	57.8	60.3	60.4	54.2	47.3	40.7
50°	30.6	36.7	40.6	44.8	49.2	52.9	56.3	57.5	54.2	48.0	42.4
47.5°	30.7	36.6	38.9	39.4	43.0	48.7	52.7	54.6	54.0	47.8	44.1
45°	37.2	41.3	41.4	40.3	39.6	46.0	49.4	52.1	51.9	48.9	45.9
42.5°	50.0	53.2	49.5	42.8	47.0	45.2	46.6	49.7	50.1	50.3	47.3
40°	76.9	72.2	62.5	61.5	61.9	46.3	47.0	47.5	48.9	51.5	48.6
37.5°	111.8	101.8	85.2	90.8	84.5	65.0	48.8	45.8	50.1	52.5	50.0
35°	167.3	141.4	131.8	131.1	117.5	88.5	51.8	46.0	52.3	53.9	51.5
32.5°	233.8	210.6	200.8	179.6	156.5	116.5	67.7	55.1	55.7	55.7	53.1
30°	320.6	330.7	284.3	233.3	201.8	153.6	101.3	66.4	60.3	57.9	54.7
27.5°	493.5	477.4	387.1	309.2	252.3	199.5	158.8	79.7	65.9	60.9	56.4
25°	721.2	654.6	529.4	399.6	306.1	338.2	231.0	96.6	75.4	65.2	58.3
22.5°	1028.4	864.4	689.3	498.2	515.6	514.0	330.9	151.5	87.4	70.1	60.4
20°	1386.0	1102.9	928.6	861.8	777.8	702.0	465.5	214.1	100.4	75.5	62.6
17.5°	1803.9	1623.6	1528.5	1306.2	1081.1	907.3	620.1	282.9	114.1	81.3	64.9
15°	2809.9	2497.5	2196.1	1796.3	1409.3	1126.6	790.3	356.0	128.3	87.4	71.5
12.5°	3968.2	3411.2	2915.6	2321.6	1756.0	1356.2	971.3	431.6	142.8	101.5	83.6
10°	5149.3	4352.2	3671.7	2870.4	2114.5	1592.2	1157.8	516.0	176.8	122.0	96.2
7.5°	6337.1	5306.5	4447.7	3429.9	2467.8	1823.1	1355.4	616.6	214.3	142.8	109.0
5°	7419.3	6111.8	5077.4	3879.8	2762.4	2040.9	1546.8	713.2	251.9	163.7	121.8
2.5°	8062.3	6662.4	5588.5	4291.5	3041.4	2249.5	1725.2	803.4	288.7	184.2	134.5
0°	8652.1	7174.5	6060.6	4670.8	3300.7	2446.4	1885.9	884.7	324.2	204.2	146.9
-2.5°	8605.6	7183.8	6048.8	4727.3	3417.6	2549.2	1955.5	984.2	422.7	275.6	194.0
-5°	8506.3	7150.3	5998.0	4747.8	3509.7	2635.9	2004.8	1072.6	517.8	345.1	239.8
-7.5°	8067.3	6887.7	5832.4	4713.0	3576.3	2704.9	2035.9	1149.8	608.3	411.7	283.8
-10°	7529.4	6478.2	5510.6	4486.1	3476.4	2697.5	2042.4	1216.3	693.1	474.5	325.4
-12.5°	6973.3	6052.8	5177.5	4243.0	3335.7	2622.8	1978.9	1243.3	767.8	532.6	363.9
-15°	6408.6	5618.8	4841.2	3989.7	3184.5	2538.3	1910.1	1249.2	813.2	579.9	398.6
-17.5°	5874.2	5182.9	4509.1	3731.6	3025.8	2445.3	1839.4	1249.3	852.8	616.1	428.8
-20°	5496.8	4822.7	4186.5	3474.0	2862.6	2345.4	1769.9	1244.8	886.3	647.9	455.0



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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°	5121.4	4519.3	3909.3	3258.0	2711.7	2239.7	1704.7	1236.6	913.3	675.2	477.4
-25°	4743.1	4212.0	3649.0	3086.6	2580.0	2138.3	1661.0	1225.7	933.7	697.7	495.9
-27.5°	4389.5	3908.9	3399.8	2914.5	2464.4	2052.0	1633.9	1242.5	950.5	715.3	510.2
-30°	4049.0	3635.2	3193.6	2751.7	2343.9	1966.1	1607.2	1252.4	967.2	729.3	520.1
-32.5°	3816.4	3384.4	3002.0	2611.5	2234.1	1875.9	1556.4	1253.7	977.5	738.6	529.0
-35°	3635.3	3197.3	2819.1	2469.1	2126.4	1796.3	1493.4	1246.4	981.2	742.0	534.8
-37.5°	3437.3	3034.6	2662.2	2334.2	2014.7	1709.7	1438.4	1205.6	978.3	739.4	536.5
-40°	3243.9	2864.6	2516.6	2208.6	1908.9	1616.4	1377.4	1163.1	969.2	730.7	533.9
-42.5°	3035.2	2690.8	2372.5	2079.6	1800.1	1542.2	1312.1	1114.5	929.9	720.9	527.1
-45°	2830.2	2510.8	2221.3	1950.4	1689.4	1462.4	1251.3	1060.3	882.9	708.1	516.9
-47.5°	2616.2	2333.1	2066.2	1812.5	1594.1	1379.1	1183.9	1002.7	832.0	689.2	503.3
-50°	2410.0	2151.3	1907.5	1685.5	1485.7	1296.5	1111.1	940.5	784.9	648.4	485.2
-52.5°	2205.8	1970.6	1753.9	1555.9	1377.8	1206.6	1036.3	874.5	733.5	605.2	462.8
-55°	2001.4	1793.6	1600.6	1428.0	1266.1	1113.8	956.5	810.7	678.1	559.6	436.4
-57.5°	1804.7	1615.4	1453.7	1299.8	1152.9	1014.4	875.9	742.3	621.7	511.4	408.4
-60°	1608.8	1454.7	1308.3	1169.3	1036.6	913.3	792.5	671.4	563.1	461.9	371.1
-62.5°	1429.2	1291.5	1159.7	1034.8	921.0	812.5	705.9	601.1	501.7	415.0	330.2
-65°	1249.9	1128.0	1007.2	907.0	807.5	712.8	622.5	527.8	445.4	366.8	290.5
-67.5°	1072.2	976.5	872.8	780.4	702.7	623.1	537.5	461.8	389.7	317.4	255.8
-70°	933.8	840.0	751.7	679.0	608.7	535.6	467.1	398.4	332.8	277.6	220.5
-72.5°	816.0	739.0	656.4	582.7	526.5	465.4	399.2	337.2	288.3	237.4	184.6
-75°	720.8	643.2	571.1	509.8	454.5	394.9	337.2	288.6	243.6	196.7	152.6
-77.5°	605.9	544.6	488.5	427.7	371.0	320.8	277.4	239.6	197.2	156.8	121.1
-80°	465.1	412.0	362.5	317.3	278.0	243.9	213.0	181.6	147.0	116.0	88.7
-82.5°	296.1	266.7	240.1	214.8	190.7	166.9	143.3	119.9	95.7	74.3	61.3
-85°	166.7	151.0	136.2	122.1	105.6	89.3	79.3	69.9	60.9	52.5	44.7
-87.5°	73.4	69.9	66.3	62.6	56.9	51.4	46.2	41.3	36.5	32.1	28.0
-90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	10.7	10.3	9.9	9.4	9.0	8.1	7.2
87.5°	10.9	10.0	9.2	8.5	8.0	7.5	7.2
85°	14.6	12.8	11.2	9.9	8.7	7.8	7.2
82.5°	18.2	15.5	13.2	11.2	9.5	8.1	7.2
80°	21.6	18.3	15.2	12.5	10.3	8.4	7.2
77.5°	23.3	20.3	17.1	13.8	11.0	8.7	7.2
75°	24.9	21.2	18.7	15.0	11.7	9.0	7.2
72.5°	26.3	22.0	19.0	16.3	12.4	9.3	7.2
70°	27.6	22.8	19.3	17.2	13.1	9.6	7.2
67.5°	28.7	23.4	19.5	17.1	13.8	9.9	7.2
65°	29.7	24.1	19.6	17.0	14.4	10.1	7.2
62.5°	30.8	25.1	19.6	16.9	15.0	10.4	7.2
60°	31.8	26.1	19.6	16.7	15.6	10.6	7.2
57.5°	33.0	27.0	20.4	16.5	15.5	10.9	7.2
55°	34.2	27.9	21.2	16.2	15.3	11.1	7.2
52.5°	35.5	28.9	21.9	15.9	15.2	11.3	7.2
50°	36.9	30.1	22.7	15.5	15.1	11.5	7.2
47.5°	38.3	31.3	23.4	15.3	15.0	11.7	7.2
45°	39.8	32.6	24.1	15.8	15.0	11.8	7.2
42.5°	41.3	33.8	24.7	16.3	14.9	12.0	7.2
40°	42.7	35.0	25.5	17.1	14.9	12.1	7.2
37.5°	44.2	36.3	26.5	18.0	14.9	12.3	7.2
35°	45.6	37.5	27.4	19.0	14.9	12.4	7.2
32.5°	47.0	38.5	28.2	19.9	14.9	12.5	7.2
30°	48.2	39.6	29.1	20.9	15.0	12.6	7.2
27.5°	49.4	40.6	30.9	21.8	15.0	12.6	7.2
25°	50.7	41.5	32.8	22.8	15.1	12.7	7.2
22.5°	52.0	43.1	34.7	23.7	15.2	12.7	7.2
20°	53.2	46.5	36.6	24.6	15.3	12.8	7.2
17.5°	57.8	50.1	38.6	25.5	15.4	12.8	7.2
15°	64.8	53.7	40.4	26.4	15.5	12.8	7.2
12.5°	72.1	57.4	42.3	27.2	15.6	12.8	7.2
10°	79.5	61.1	44.0	27.9	15.7	12.7	7.2
7.5°	87.1	64.8	45.7	28.7	15.8	12.7	7.2
5°	94.7	68.4	47.3	29.3	15.9	12.6	7.2
2.5°	102.1	71.9	48.8	29.9	16.0	12.6	7.2
0°	109.2	75.2	50.1	30.4	16.1	12.5	7.2
-2.5°	137.7	91.5	58.5	34.1	17.3	12.8	7.2
-5°	165.5	107.4	66.7	37.7	18.6	13.0	7.2
-7.5°	192.2	122.7	74.6	41.2	19.8	13.3	7.2
-10°	217.3	137.1	82.0	44.4	20.9	13.5	7.2
-12.5°	240.6	150.4	88.9	47.4	22.0	13.7	7.2
-15°	261.7	162.6	95.1	50.2	23.0	13.9	7.2
-17.5°	280.3	173.4	100.7	52.6	24.0	14.1	7.2
-20°	297.8	182.7	105.5	54.7	24.8	14.2	7.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	315.5	190.3	109.4	56.4	25.6	14.4	7.2
-25°	330.5	200.0	112.5	57.8	26.3	14.5	7.2
-27.5°	342.7	209.4	114.5	58.7	26.9	14.5	7.2
-30°	352.1	216.7	115.9	59.1	27.3	14.6	7.2
-32.5°	358.5	221.9	119.7	59.1	27.7	14.6	7.2
-35°	363.5	224.9	122.1	58.7	27.9	14.6	7.2
-37.5°	365.9	226.2	123.0	57.7	28.0	14.6	7.2
-40°	365.0	226.7	122.5	56.3	28.0	14.5	7.2
-42.5°	360.7	224.8	121.6	54.9	27.9	14.4	7.2
-45°	353.0	220.6	120.5	54.0	27.6	14.3	7.2
-47.5°	342.0	214.1	118.1	52.4	27.2	14.1	7.2
-50°	329.9	205.3	114.4	51.8	26.7	14.0	7.2
-52.5°	315.0	194.3	109.5	51.3	26.1	13.7	7.2
-55°	296.9	184.4	103.4	50.3	25.3	13.5	7.2
-57.5°	275.7	173.3	96.1	48.7	24.4	13.3	7.2
-60°	252.3	160.5	87.9	46.6	23.4	13.0	7.2
-62.5°	231.6	146.0	82.6	44.0	22.5	12.7	7.2
-65°	208.7	129.9	76.4	41.0	21.6	12.3	7.2
-67.5°	183.6	115.3	69.4	37.5	20.5	12.0	7.2
-70°	156.7	102.4	61.7	33.7	19.4	11.6	7.2
-72.5°	134.8	88.4	53.3	30.8	18.3	11.2	7.2
-75°	112.5	73.6	44.4	28.1	17.1	10.8	7.2
-77.5°	89.2	58.0	38.4	25.2	15.8	10.4	7.2
-80°	64.9	46.7	33.0	22.2	14.5	9.9	7.2
-82.5°	50.6	37.9	27.4	19.1	13.2	9.5	7.2
-85°	37.5	28.8	21.6	15.9	11.8	9.0	7.2
-87.5°	24.1	19.6	15.8	12.7	10.4	8.6	7.2
-90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2

(END OF REPORT)