

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: P1306177 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-80-7F-CV1-A**

Issue Date: 2/3/2026

Test Information

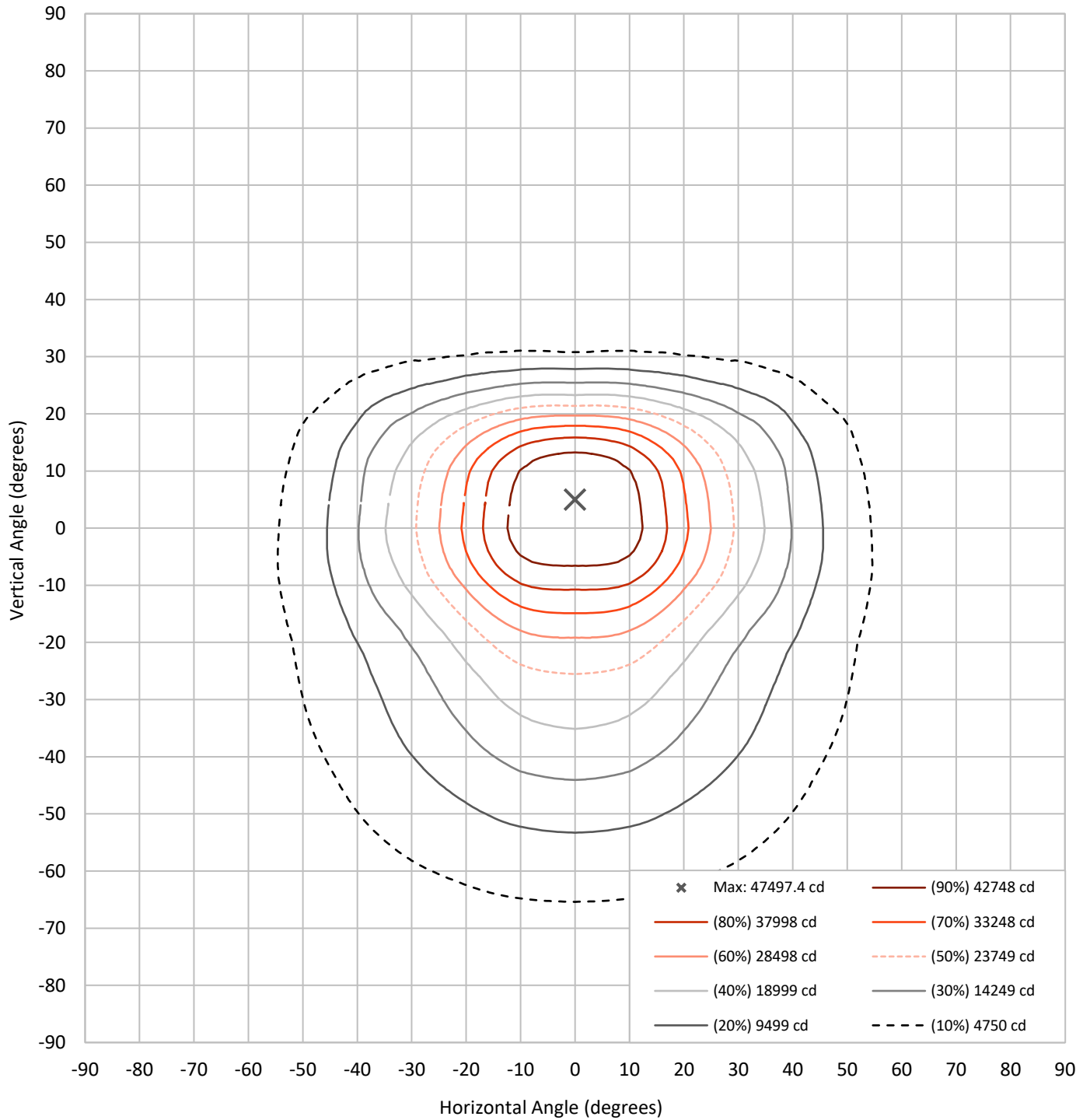
Test Method: LM-79-08
Report Number: P1306177 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-44)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-80-7F-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 7F BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	46539.5 lumens	Max Intensity:	47497.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 5°V
Efficacy:	84.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	57.7°H x 46.8°V	Field Angle (10%):	107.9°H x 96.1°V
Beam Lumens:	22384.5 lumens	Field Lumens:	43143.5 lumens
Beam Efficiency:	48.1%	Field Efficiency:	92.7%
Input Watts (W):	554		
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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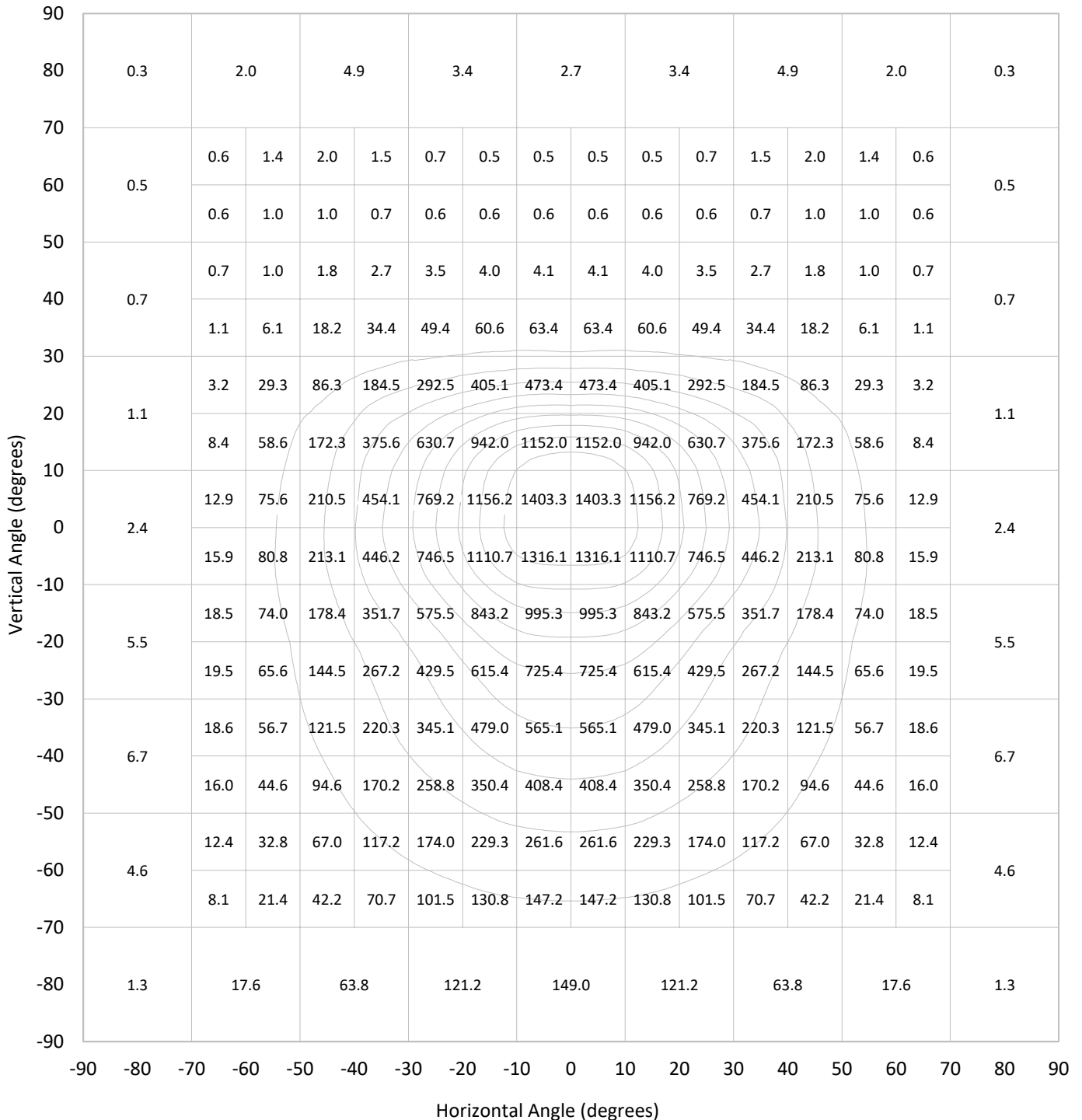
Iso-Candela Plot





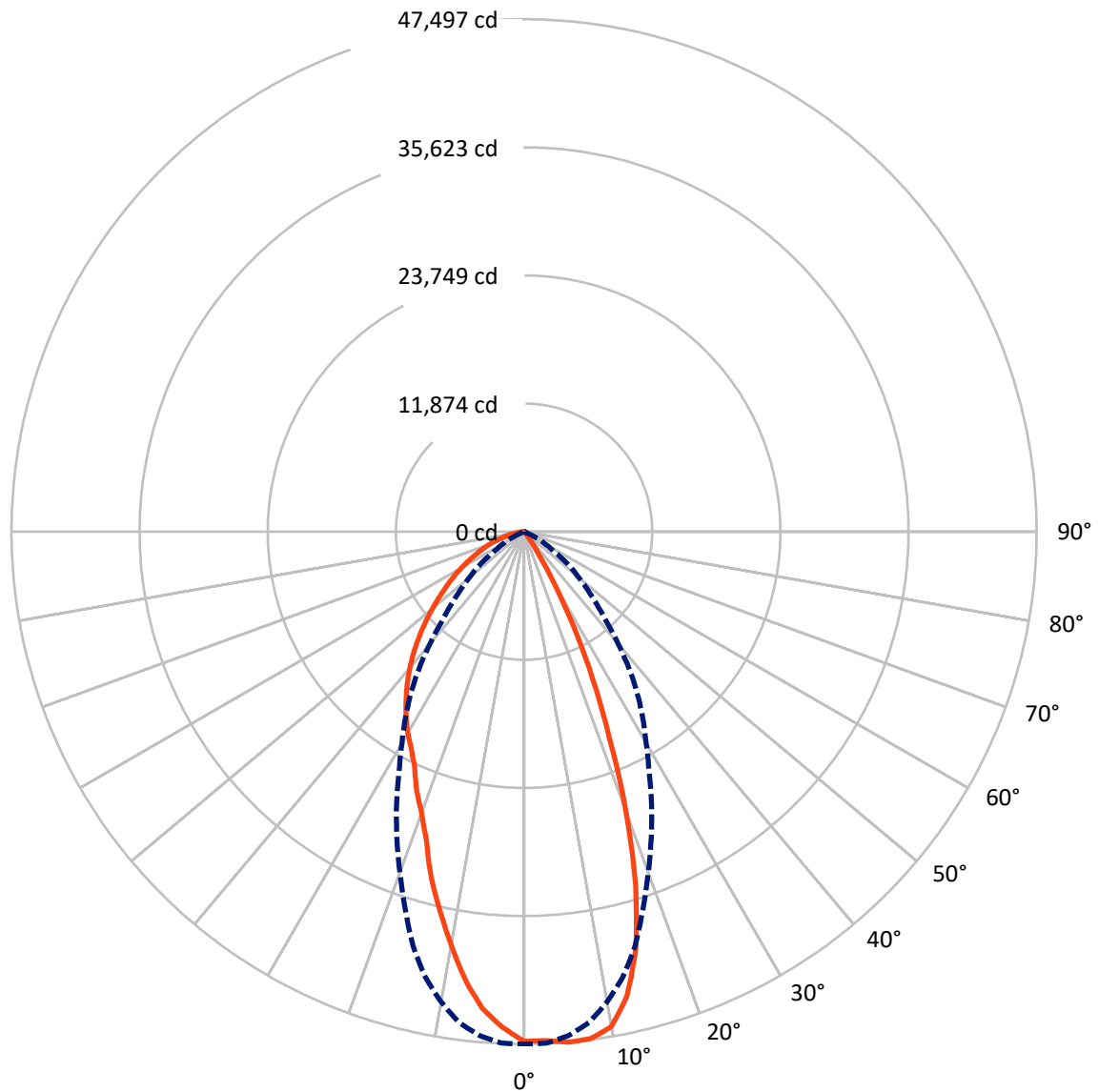
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Lumen Table



REPORT NUMBER: P1306177 (CONVERTED FROM TYPE C PHOTOMETRY)
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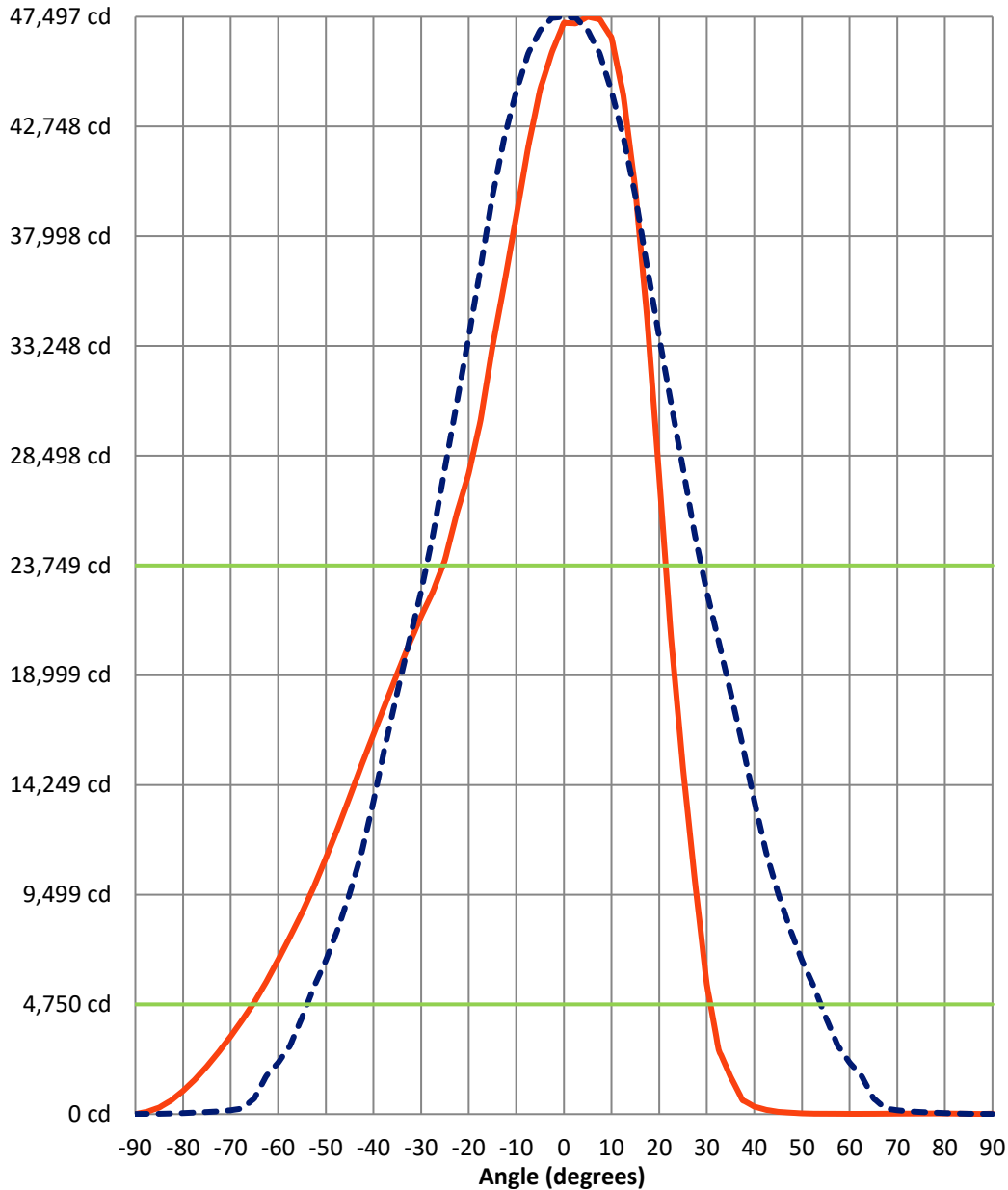
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 57.7°
 V Angle: 46.8°
 Lumens: 22384.5
 Efficiency: 48.1%

Field:
 H Angle: 107.9°
 V Angle: 96.1°
 Lumens: 43143.5
 Efficiency: 92.7%

Spill:
 Lumens: 3396
 Efficiency: 7.3%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 5-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	6.5	7.3	8.1	8.5	9.0	9.4	9.8	10.2	10.6	11.0	11.4
87.5°	6.5	7.5	8.7	8.8	9.0	9.4	9.9	9.8	9.6	9.4	9.0
85°	6.5	7.8	9.2	9.8	10.7	11.8	13.2	13.5	13.5	13.4	13.2
82.5°	6.5	8.0	9.8	10.9	12.4	14.3	16.5	17.1	17.5	18.4	20.3
80°	6.5	8.3	10.4	11.9	14.0	16.6	19.5	19.9	21.5	24.5	28.9
77.5°	6.5	8.5	10.9	13.0	15.7	18.3	20.2	22.0	25.3	30.4	35.4
75°	6.5	8.8	11.4	14.0	17.0	18.6	20.9	23.9	28.6	32.5	36.5
72.5°	6.5	9.0	11.9	14.9	17.0	18.9	21.5	25.3	29.4	33.4	37.5
70°	6.5	9.2	12.4	15.7	17.0	19.1	22.1	25.9	30.1	34.3	39.5
67.5°	6.5	9.4	12.9	15.5	17.0	19.3	22.7	26.5	30.8	36.2	41.6
65°	6.5	9.6	13.4	15.4	16.9	19.7	23.3	27.0	32.4	38.0	43.9
62.5°	6.5	9.8	13.8	15.2	16.8	20.3	24.0	28.1	34.0	39.9	46.8
60°	6.5	10.0	14.3	15.0	16.6	21.0	24.6	29.4	35.4	42.1	49.4
57.5°	6.5	10.2	14.1	14.7	17.1	21.6	25.9	30.7	37.0	44.0	50.7
55°	6.5	10.4	14.0	14.4	17.7	22.2	27.2	32.2	38.4	45.5	51.5
52.5°	6.5	10.5	13.9	14.2	18.3	22.9	28.5	33.8	39.6	46.4	52.3
50°	6.5	10.7	13.8	13.8	18.8	24.0	29.7	35.5	40.5	47.3	52.6
47.5°	6.5	10.8	13.7	13.7	19.3	25.0	31.0	37.4	41.4	48.1	53.5
45°	6.5	11.0	13.6	14.1	19.8	26.0	32.8	39.5	43.7	49.8	55.2
42.5°	6.5	11.1	13.6	14.4	20.3	26.9	34.7	41.8	46.5	52.1	57.9
40°	6.5	11.2	13.6	15.0	20.9	27.8	36.7	44.5	49.9	55.2	61.6
37.5°	6.5	11.3	13.6	15.8	21.6	28.7	38.8	47.3	54.3	60.5	66.1
35°	6.5	11.4	13.6	16.6	22.2	30.0	40.9	50.3	59.0	67.0	72.5
32.5°	6.5	11.4	13.6	17.4	22.8	31.6	43.1	53.6	63.9	74.3	84.5
30°	6.5	11.5	13.6	18.3	23.3	33.2	45.6	57.1	68.9	82.3	98.3
27.5°	6.5	11.6	13.7	19.1	25.0	34.7	48.2	61.2	74.7	90.9	113.8
25°	6.5	11.6	13.8	20.0	26.8	36.2	50.8	65.3	81.6	102.5	132.5
22.5°	6.5	11.6	13.8	20.8	28.8	38.5	53.4	69.5	88.9	116.0	194.4
20°	6.5	11.7	13.9	21.7	30.9	42.7	56.0	73.6	96.3	130.2	263.7
17.5°	6.5	11.7	14.0	22.6	33.0	46.9	60.8	77.6	103.8	144.8	338.9
15°	6.5	11.7	14.1	23.4	35.1	51.1	66.9	83.8	111.3	159.6	417.9
12.5°	6.5	11.6	14.2	24.2	37.3	55.3	72.9	92.7	123.0	174.4	498.8
10°	6.5	11.6	14.3	25.0	39.4	59.5	78.9	101.5	138.0	197.3	575.1
7.5°	6.5	11.6	14.4	25.8	41.5	63.6	84.7	110.3	152.9	220.9	637.1
5°	6.5	11.5	14.5	26.5	43.5	67.6	90.3	118.9	167.6	243.9	691.3
2.5°	6.5	11.5	14.6	27.1	45.4	71.3	95.7	127.2	181.8	265.8	736.9
0°	6.5	11.4	14.7	27.7	47.2	74.9	100.9	135.1	195.3	286.5	773.2
-2.5°	6.5	11.6	15.8	31.1	54.9	89.5	126.2	177.6	261.6	383.2	874.1
-5°	6.5	11.8	16.9	34.4	62.3	103.7	150.9	219.1	326.0	476.9	965.2
-7.5°	6.5	12.0	18.0	37.5	69.4	117.3	174.7	258.8	387.4	566.1	1046.3
-10°	6.5	12.2	19.0	40.4	76.1	130.1	197.1	296.2	445.0	649.5	1117.5
-12.5°	6.5	12.3	20.0	43.2	82.3	141.9	218.1	330.7	497.8	725.8	1184.0
-15°	6.5	12.5	20.9	45.7	87.9	152.6	237.2	361.7	547.8	794.7	1240.9
-17.5°	6.5	12.6	21.8	47.9	92.9	162.1	254.1	394.9	596.1	855.6	1284.9
-20°	6.5	12.7	22.5	49.8	97.1	170.1	272.7	428.8	638.6	907.8	1315.6



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 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.5	12.8	23.2	51.3	100.6	176.6	294.8	458.4	675.0	950.7	1332.5
-25°	6.5	12.9	23.8	52.5	103.2	186.6	313.7	483.2	704.8	983.5	1335.4
-27.5°	6.5	12.9	24.3	53.3	104.9	196.6	329.1	502.9	727.7	1009.4	1367.0
-30°	6.5	12.9	24.7	53.8	106.2	204.4	340.7	517.4	747.3	1032.5	1387.0
-32.5°	6.5	12.9	24.9	53.8	110.2	209.9	348.4	529.7	762.0	1046.2	1393.1
-35°	6.5	12.9	25.1	53.3	112.8	213.0	354.0	537.6	769.3	1050.3	1384.9
-37.5°	6.5	12.9	25.1	52.5	114.0	214.4	356.6	539.7	769.0	1044.8	1344.0
-40°	6.5	12.8	25.0	51.2	113.7	215.2	355.6	536.0	761.1	1035.1	1300.8
-42.5°	6.5	12.7	24.8	50.0	113.1	213.6	350.8	526.4	749.0	999.9	1249.4
-45°	6.5	12.6	24.4	49.4	112.4	209.7	342.3	513.3	731.1	955.5	1191.5
-47.5°	6.5	12.4	24.0	48.1	110.5	203.5	330.1	498.2	705.0	905.0	1133.9
-50°	6.5	12.3	23.4	47.7	107.4	194.9	318.0	478.1	661.4	854.4	1069.0
-52.5°	6.5	12.1	22.7	47.2	103.0	184.1	303.2	453.2	618.9	798.1	997.8
-55°	6.5	11.9	21.9	46.2	97.6	175.0	285.3	424.1	574.4	736.2	926.2
-57.5°	6.5	11.7	20.9	44.6	91.0	164.8	264.2	396.1	525.7	676.1	848.3
-60°	6.5	11.4	19.9	42.6	83.5	153.0	241.0	360.8	474.7	613.1	767.6
-62.5°	6.5	11.2	19.2	40.1	78.3	139.5	221.7	321.6	427.0	545.4	687.7
-65°	6.5	10.9	18.4	37.1	72.2	124.6	200.3	283.1	376.5	482.6	602.5
-67.5°	6.5	10.6	17.5	33.8	65.4	110.7	176.8	249.7	323.3	418.9	523.2
-70°	6.5	10.2	16.6	30.0	57.9	98.2	151.4	214.8	280.0	352.2	444.6
-72.5°	6.5	9.9	15.7	27.5	49.8	84.6	130.3	178.4	235.2	297.9	366.3
-75°	6.5	9.6	14.7	25.1	41.1	70.2	108.6	146.7	188.8	242.0	300.1
-77.5°	6.5	9.2	13.6	22.6	35.5	54.9	85.9	116.2	149.6	187.2	231.8
-80°	6.5	8.8	12.6	19.9	30.5	44.1	62.3	84.8	110.3	139.1	171.2
-82.5°	6.5	8.5	11.5	17.2	25.3	35.7	48.5	58.3	70.1	90.0	112.3
-85°	6.5	8.1	10.4	14.3	19.9	27.1	35.7	42.4	49.4	57.0	64.9
-87.5°	6.5	7.7	9.2	11.4	14.5	18.3	22.8	26.3	30.1	34.0	38.2
-90°	6.5	7.3	8.1	7.7	7.3	6.9	6.5	6.1	5.7	5.3	4.9



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 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	11.4	11.4	11.4	11.4	11.8	12.2	12.6	13.0	13.8	14.7	15.5
87.5°	9.6	10.2	10.8	11.4	10.6	9.6	8.5	7.2	7.6	8.0	8.4
85°	14.3	15.5	16.9	18.0	17.1	16.4	15.9	15.6	16.4	17.2	17.7
82.5°	22.3	23.6	24.4	24.6	25.0	25.8	27.2	30.1	32.0	33.2	33.9
80°	31.0	31.9	32.6	34.8	38.6	43.2	48.3	53.8	55.7	55.8	55.2
77.5°	36.4	38.3	42.2	47.9	54.2	60.7	67.7	75.5	77.7	77.0	75.6
75°	39.6	44.2	50.9	59.1	67.6	76.2	85.5	94.2	96.6	93.8	90.2
72.5°	42.6	49.7	58.6	69.3	78.5	87.5	97.4	108.2	112.0	106.5	100.0
70°	45.6	54.5	64.7	75.3	85.8	96.0	105.7	116.1	122.3	113.7	100.5
67.5°	48.2	58.5	69.4	80.2	89.8	99.8	110.7	115.1	117.9	103.9	89.0
65°	51.2	62.2	72.0	81.7	91.9	96.0	99.6	103.3	102.8	86.9	71.0
62.5°	54.2	63.2	72.7	80.3	82.7	85.2	85.2	82.8	78.9	67.9	54.3
60°	55.3	63.2	69.6	72.2	72.8	70.4	67.4	64.3	59.6	50.3	41.0
57.5°	56.0	60.2	63.2	63.9	61.2	56.6	54.4	49.6	45.5	40.1	32.5
55°	55.7	55.2	56.9	55.4	52.1	48.4	44.5	41.3	36.3	34.7	31.3
52.5°	54.3	51.8	51.0	49.3	47.0	43.2	39.4	36.9	35.7	33.7	30.8
50°	53.8	50.5	46.6	46.5	44.7	41.9	37.9	37.4	37.5	35.7	32.3
47.5°	54.4	50.6	45.7	45.8	45.9	47.0	43.6	42.2	42.7	47.4	42.3
45°	56.2	54.2	49.0	48.9	53.4	59.5	64.9	50.0	65.0	72.5	78.5
42.5°	59.1	60.1	62.7	53.4	70.7	92.4	102.9	108.2	102.6	126.4	150.9
40°	65.7	68.0	86.2	93.3	100.7	145.7	208.1	222.7	169.2	235.4	276.2
37.5°	73.8	96.7	128.4	166.5	163.1	257.1	354.8	429.9	422.5	399.5	572.0
35°	83.0	132.2	217.4	302.6	340.0	429.0	609.4	740.0	817.7	864.6	1006.8
32.5°	108.6	174.1	328.7	509.7	665.5	753.8	924.1	1210.4	1481.3	1643.1	1641.5
30°	153.5	277.5	485.9	763.9	1066.7	1315.0	1455.9	1823.8	2340.2	2707.5	2952.2
27.5°	219.8	403.0	728.4	1131.1	1555.3	1977.0	2258.0	2736.1	3431.0	3990.6	4513.4
25°	300.9	602.5	1001.4	1567.7	2191.5	2727.1	3131.4	3796.0	4676.4	5554.2	6428.8
22.5°	429.9	834.1	1304.5	2045.0	2893.7	3502.4	4096.3	4906.3	5924.5	7156.8	8490.5
20°	609.8	1103.7	1628.0	2419.7	3595.8	4291.7	5020.7	5987.5	7175.1	8672.9	10453.4
17.5°	804.2	1358.2	1945.3	2827.8	3975.4	4939.7	5918.6	7020.3	8351.2	10088.8	12006.8
15°	1008.6	1597.6	2228.8	3192.2	4330.7	5372.5	6530.8	7963.7	9533.2	11412.3	13418.6
12.5°	1218.3	1821.6	2480.0	3513.3	4670.0	5764.7	7000.0	8490.3	10316.1	12520.3	14626.4
10°	1427.8	2030.4	2700.8	3791.4	4988.2	6115.3	7402.9	8927.7	10785.3	12993.6	15270.1
7.5°	1556.3	2168.2	2881.2	4027.6	5280.0	6423.8	7741.1	9279.1	11110.3	13332.1	15678.2
5°	1653.6	2230.2	2975.0	4188.6	5510.7	6652.2	8005.0	9548.4	11305.9	13538.3	15988.2
2.5°	1729.2	2275.8	3049.9	4308.2	5685.1	6776.4	8162.1	9720.7	11509.9	13794.6	16301.1
0°	1782.5	2306.7	3104.3	4390.3	5816.3	6856.5	8264.6	9824.1	11652.2	14017.4	16579.7
-2.5°	1834.3	2402.1	3214.9	4495.0	5835.2	6868.5	8303.6	9828.3	11652.1	13974.2	16464.2
-5°	1866.9	2481.4	3302.2	4560.9	5815.8	6843.9	8282.1	9769.3	11525.1	13720.8	16036.4
-7.5°	1883.8	2542.2	3365.3	4570.9	5715.4	6699.5	8023.2	9421.3	11106.0	13163.5	15298.5
-10°	1892.7	2578.7	3358.5	4433.3	5506.7	6467.4	7677.5	9017.0	10604.0	12517.3	14492.6
-12.5°	1917.6	2598.6	3328.1	4283.1	5280.2	6205.0	7294.2	8562.6	10021.6	11794.6	13607.0
-15°	1931.1	2608.6	3285.9	4128.1	5042.1	5914.3	6879.2	8062.5	9390.8	10976.8	12584.7
-17.5°	1934.9	2610.4	3234.3	3975.4	4798.1	5597.5	6471.0	7634.0	8843.4	10213.0	11584.3
-20°	1930.6	2605.6	3175.9	3831.7	4558.3	5367.4	6249.1	7263.8	8346.4	9504.5	10647.0



REPORT NUMBER: P1306177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1920.0	2595.4	3126.7	3729.7	4443.2	5216.6	6027.7	6905.6	7837.3	8842.9	10001.5
-25°	1914.6	2558.1	3093.8	3657.6	4331.7	5058.0	5794.9	6574.9	7387.1	8440.2	9545.3
-27.5°	1906.2	2518.7	3029.2	3557.5	4202.7	4897.8	5588.9	6300.8	7134.7	8080.8	9106.4
-30°	1881.1	2423.5	2941.3	3440.2	4066.3	4736.0	5396.0	6072.7	6861.7	7753.7	8705.1
-32.5°	1810.3	2315.5	2824.5	3325.7	3902.0	4558.5	5196.7	5852.9	6584.8	7384.1	8299.4
-35°	1731.1	2204.0	2693.5	3183.7	3710.2	4343.3	4964.3	5598.6	6277.9	7027.8	7881.1
-37.5°	1673.4	2084.3	2553.3	3023.6	3529.0	4091.5	4700.4	5311.0	5954.2	6668.7	7475.8
-40°	1604.8	1956.7	2411.0	2861.2	3321.1	3839.8	4408.7	4994.7	5598.5	6311.1	7050.7
-42.5°	1528.0	1867.8	2263.5	2688.9	3122.7	3594.1	4101.8	4659.4	5265.2	5928.1	6622.6
-45°	1461.7	1768.0	2115.9	2514.0	2917.0	3344.1	3814.9	4313.5	4911.9	5528.6	6173.6
-47.5°	1386.3	1663.7	1990.9	2329.2	2708.8	3102.6	3519.0	4004.6	4536.2	5113.8	5705.3
-50°	1304.8	1569.2	1848.2	2162.8	2499.3	2859.8	3239.9	3682.9	4168.2	4684.2	5228.6
-52.5°	1222.8	1465.0	1721.8	1995.6	2301.2	2625.1	2977.3	3371.8	3801.3	4253.5	4733.8
-55°	1133.0	1359.1	1592.8	1841.2	2107.6	2401.6	2716.4	3069.2	3438.4	3848.3	4252.3
-57.5°	1040.6	1245.2	1460.8	1690.7	1930.2	2180.1	2465.4	2764.2	3097.8	3448.2	3804.7
-60°	944.2	1127.4	1322.8	1534.2	1756.8	1981.9	2213.0	2477.8	2761.0	3052.1	3370.8
-62.5°	843.0	1007.5	1182.2	1369.7	1573.4	1777.1	1984.4	2203.3	2432.8	2694.3	2960.2
-65°	742.8	884.5	1040.0	1206.8	1381.2	1564.2	1750.1	1937.7	2138.4	2353.9	2577.7
-67.5°	637.1	765.1	898.9	1040.5	1195.4	1350.7	1512.9	1682.4	1853.0	2027.6	2211.4
-70°	542.0	643.5	760.0	883.6	1008.7	1136.0	1276.1	1421.7	1570.3	1718.8	1871.6
-72.5°	446.1	533.3	626.5	725.2	830.2	935.0	1044.4	1158.0	1278.7	1403.7	1530.7
-75°	358.9	420.8	497.1	579.4	659.6	738.5	820.6	912.9	1008.5	1104.9	1201.0
-77.5°	278.4	327.7	380.8	437.5	493.2	556.6	621.6	687.8	757.0	828.0	900.0
-80°	201.5	232.7	271.9	314.2	354.7	395.7	437.9	481.0	526.1	575.9	629.7
-82.5°	133.5	155.7	179.1	203.4	226.0	248.4	272.4	301.7	331.4	361.8	392.8
-85°	71.4	78.0	91.8	106.3	120.6	135.0	149.5	163.8	178.5	192.8	206.7
-87.5°	41.5	44.8	48.1	51.5	55.1	58.7	62.4	65.9	70.8	75.7	80.6
-90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	16.3	16.7	17.1	17.5	17.9	18.3	18.7	19.1	19.5	19.9	20.4
87.5°	8.9	8.3	7.6	6.9	6.2	8.1	10.1	12.2	14.3	13.2	12.1
85°	18.1	18.2	18.3	18.4	18.5	20.6	22.7	24.8	26.8	24.7	22.5
82.5°	34.1	33.6	32.4	30.6	28.4	27.9	27.1	26.1	24.8	23.8	22.8
80°	54.0	51.3	47.7	43.5	38.8	36.4	34.1	31.6	28.9	28.1	27.4
77.5°	72.7	67.6	61.6	55.1	48.3	43.9	40.0	35.8	31.3	30.0	29.2
75°	85.8	79.3	70.8	61.6	52.0	45.2	39.9	34.6	29.4	28.1	27.9
72.5°	92.6	83.7	72.8	60.0	47.7	39.6	34.6	30.1	26.1	24.7	24.1
70°	87.0	73.6	61.0	49.2	38.3	31.0	27.5	24.4	21.6	20.9	21.3
67.5°	73.5	60.0	48.6	38.4	29.6	23.7	21.7	20.0	18.8	18.4	18.3
65°	57.5	46.0	36.7	29.0	22.7	19.1	18.4	17.8	17.1	16.6	16.0
62.5°	42.4	33.7	27.8	23.4	20.1	17.9	17.3	16.6	15.8	15.0	14.4
60°	33.0	26.2	23.2	21.3	19.6	18.2	17.6	17.2	17.0	16.7	16.2
57.5°	28.7	25.3	22.5	21.4	20.5	19.7	19.4	19.1	18.5	17.8	17.3
55°	28.0	25.3	22.9	22.3	21.9	21.4	20.9	20.3	19.7	18.9	18.7
52.5°	28.0	26.9	25.1	24.3	24.6	24.0	22.6	23.3	23.4	22.7	22.4
50°	31.7	32.0	32.4	29.7	32.5	33.7	32.1	33.4	35.4	35.6	35.5
47.5°	44.9	47.9	51.8	48.8	52.4	57.8	57.4	57.8	62.6	63.2	63.1
45°	71.7	84.6	90.8	94.3	93.0	105.6	108.0	104.0	110.6	111.9	109.9
42.5°	143.5	150.7	166.9	179.8	172.4	185.4	189.3	177.5	189.0	194.1	188.5
40°	321.4	255.6	303.5	336.5	325.0	299.7	343.5	327.8	326.3	344.5	330.2
37.5°	634.6	563.3	612.4	706.7	703.3	584.5	717.0	708.5	595.5	729.3	717.7
35°	1138.1	1270.0	1211.1	1387.6	1438.7	1465.3	1538.9	1614.8	1531.6	1641.2	1638.3
32.5°	2037.8	2311.3	2432.2	2453.7	2680.2	2864.8	2786.7	3082.7	3064.6	3138.6	3214.3
30°	3217.2	3826.8	4135.4	4143.1	4518.8	4849.5	4954.5	5326.0	5545.7	5509.2	5877.2
27.5°	5133.0	5731.9	6240.1	6673.7	6966.5	7488.0	8213.7	8579.9	9119.9	9331.6	9840.3
25°	7297.7	8041.8	8844.1	9598.7	10218.3	11152.3	12055.7	12625.2	13397.7	14003.1	14618.2
22.5°	9642.8	10630.0	11659.3	12788.0	13940.5	15080.0	16177.2	17229.6	18259.4	19397.0	20092.4
20°	12040.3	13156.1	14409.0	15938.8	17537.7	18911.9	20410.5	22060.6	23638.1	25106.3	26215.4
17.5°	13862.3	15588.9	16946.2	18601.2	20586.8	22522.6	24433.2	26609.2	28616.1	30488.1	32157.6
15°	15253.6	17063.6	19030.8	21028.5	23120.2	25425.1	28053.2	30434.2	32913.4	35115.1	37177.1
12.5°	16466.3	18303.9	20362.7	22692.5	25330.8	27805.5	30559.8	33537.5	36167.8	38754.3	40689.0
10°	17361.4	19402.6	21489.8	23832.3	26522.7	29412.0	32396.9	35406.9	38356.1	40853.0	42931.5
7.5°	17855.1	20023.0	22206.8	24653.0	27419.0	30260.9	33242.7	36385.4	39354.0	41925.3	43834.2
5°	18257.1	20461.0	22619.6	25075.4	27957.5	30780.5	33637.0	36636.5	39744.8	42281.0	44266.9
2.5°	18607.9	20758.2	22863.8	25254.9	28225.0	31060.6	33997.5	37106.9	40112.7	42559.2	44492.4
0°	18912.4	20942.3	23001.5	25371.7	28477.6	31347.5	34237.0	37279.4	40341.4	42724.6	44681.2
-2.5°	18692.1	20682.4	22711.5	25134.2	28096.2	30919.3	33825.1	36906.0	39806.3	42220.3	44117.3
-5°	18117.7	20035.0	22049.8	24466.6	27294.0	30059.2	32926.3	35894.0	38620.3	41033.6	42778.6
-7.5°	17277.9	19154.8	21161.9	23540.8	26171.8	28681.5	31243.9	33994.8	36708.5	38839.2	40501.3
-10°	16344.5	18130.8	19978.1	22070.4	24400.1	26744.2	29098.6	31655.9	34046.9	36047.6	37647.6
-12.5°	15236.2	16823.1	18523.9	20348.9	22487.6	24720.3	26965.4	29205.4	31410.6	33210.4	34659.8
-15°	14039.2	15442.5	16995.9	18761.1	20666.7	22636.9	24662.1	26801.2	28787.2	30463.7	31741.6
-17.5°	12858.4	14115.0	15693.9	17298.7	18838.7	20645.3	22659.5	24428.4	26240.9	27746.3	28875.2
-20°	11857.4	13209.3	14582.1	15953.3	17424.4	19180.9	20888.7	22556.4	24167.0	25537.7	26660.2



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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°	11204.8	12392.6	13564.1	14861.0	16356.6	17906.5	19452.2	20968.5	22426.1	23728.2	24795.8
-25°	10611.4	11616.5	12776.6	14093.5	15356.3	16715.9	18175.3	19442.5	20825.3	22004.5	22917.9
-27.5°	10092.7	11087.3	12225.8	13410.2	14552.4	15777.8	17107.1	18316.6	19560.9	20694.8	21491.8
-30°	9641.0	10671.4	11742.0	12825.5	13901.2	15035.0	16190.2	17359.3	18501.0	19529.1	20295.2
-32.5°	9256.0	10222.7	11226.7	12235.1	13215.8	14248.6	15320.3	16395.1	17452.8	18352.3	19102.4
-35°	8818.4	9743.9	10676.8	11582.3	12490.7	13414.5	14409.1	15415.3	16361.7	17183.0	17915.1
-37.5°	8330.0	9221.7	10073.1	10897.4	11739.5	12593.7	13515.0	14439.4	15308.6	16052.0	16750.1
-40°	7844.0	8656.5	9427.6	10197.1	10969.1	11769.0	12602.2	13429.9	14192.9	14896.0	15546.6
-42.5°	7338.9	8050.1	8752.0	9468.3	10180.5	10901.8	11646.2	12398.9	13078.8	13720.1	14296.8
-45°	6829.4	7439.8	8059.8	8716.0	9366.2	10013.8	10658.3	11293.7	11930.3	12527.9	13014.9
-47.5°	6287.6	6838.4	7401.3	7965.4	8548.2	9139.3	9702.6	10252.6	10814.9	11349.0	11751.4
-50°	5740.8	6250.7	6759.5	7256.5	7771.7	8291.6	8804.9	9289.0	9760.1	10214.3	10528.9
-52.5°	5190.1	5661.6	6127.9	6577.4	7024.3	7467.5	7902.4	8331.9	8744.6	9133.9	9383.3
-55°	4667.1	5087.6	5497.6	5890.2	6284.6	6673.8	7057.4	7433.1	7789.4	8124.1	8316.4
-57.5°	4175.1	4541.5	4900.4	5238.5	5568.6	5889.4	6228.4	6569.8	6890.5	7178.1	7333.2
-60°	3695.8	4025.8	4333.9	4616.4	4899.6	5181.3	5466.9	5748.8	6023.4	6262.2	6395.7
-62.5°	3224.4	3506.4	3768.6	4011.7	4245.6	4478.3	4726.0	4963.8	5190.0	5374.3	5487.4
-65°	2811.4	3050.3	3246.6	3440.2	3632.4	3837.0	4042.7	4239.0	4424.8	4569.2	4664.5
-67.5°	2409.9	2606.4	2769.8	2930.4	3091.2	3253.8	3419.6	3580.1	3734.3	3851.1	3933.9
-70°	2028.1	2176.6	2304.6	2435.4	2568.6	2701.6	2834.7	2962.9	3085.3	3174.3	3240.9
-72.5°	1658.9	1773.6	1873.3	1974.8	2074.9	2177.9	2281.1	2380.2	2474.5	2538.2	2585.0
-75°	1296.5	1379.8	1459.7	1537.2	1611.8	1688.4	1764.3	1836.8	1905.5	1953.8	1992.2
-77.5°	976.1	1035.2	1087.3	1138.4	1188.1	1241.4	1293.4	1342.5	1388.4	1422.0	1450.2
-80°	683.8	721.9	755.2	786.5	815.7	848.7	881.0	911.5	940.1	959.7	975.3
-82.5°	424.3	446.8	466.7	485.1	501.9	519.2	535.2	549.8	562.8	578.1	592.3
-85°	220.1	229.3	237.8	245.7	252.9	260.0	266.4	272.1	277.1	279.9	281.8
-87.5°	85.6	87.7	89.7	91.5	93.1	95.4	97.5	99.5	101.3	103.0	104.5
-90°	4.9	4.5	4.1	3.7	3.3	3.3	3.3	3.3	3.3	3.3	3.3



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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°	20.8	21.2	21.2	21.2	21.2	21.2	20.8	20.4	19.9	19.5	19.1
87.5°	11.0	9.8	8.9	8.1	8.9	9.8	11.0	12.1	13.2	14.3	12.2
85°	20.2	17.9	16.3	14.7	16.3	17.9	20.2	22.5	24.7	26.8	24.8
82.5°	22.0	21.2	21.2	21.2	21.2	21.2	22.0	22.8	23.8	24.8	26.1
80°	26.7	26.0	26.8	27.7	26.8	26.0	26.7	27.4	28.1	28.9	31.6
77.5°	28.5	27.7	27.7	27.7	27.7	27.7	28.5	29.2	30.0	31.3	35.8
75°	27.7	27.7	26.9	26.0	26.9	27.7	27.7	27.9	28.1	29.4	34.6
72.5°	23.5	23.0	22.8	22.8	22.8	23.0	23.5	24.1	24.7	26.1	30.1
70°	21.9	22.7	22.1	21.2	22.1	22.7	21.9	21.3	20.9	21.6	24.4
67.5°	18.2	18.1	17.9	17.9	17.9	18.1	18.2	18.3	18.4	18.8	20.0
65°	15.5	14.9	14.7	14.7	14.7	14.9	15.5	16.0	16.6	17.1	17.8
62.5°	13.8	13.2	13.0	13.0	13.0	13.2	13.8	14.4	15.0	15.8	16.6
60°	15.6	14.9	14.0	13.0	14.0	14.9	15.6	16.2	16.7	17.0	17.2
57.5°	16.8	16.4	16.3	16.3	16.3	16.4	16.8	17.3	17.8	18.5	19.1
55°	18.3	18.0	17.9	17.9	17.9	18.0	18.3	18.7	18.9	19.7	20.3
52.5°	22.0	21.4	20.5	19.5	20.5	21.4	22.0	22.4	22.7	23.4	23.3
50°	34.8	33.2	32.4	32.6	32.4	33.2	34.8	35.5	35.6	35.4	33.4
47.5°	64.3	64.2	63.9	63.5	63.9	64.2	64.3	63.1	63.2	62.6	57.8
45°	109.4	105.0	100.8	99.3	100.8	105.0	109.4	109.9	111.9	110.6	104.0
42.5°	192.2	191.3	187.9	183.9	187.9	191.3	192.2	188.5	194.1	189.0	177.5
40°	334.0	329.5	321.7	323.9	321.7	329.5	334.0	330.2	344.5	326.3	327.8
37.5°	695.7	662.3	611.7	612.1	611.7	662.3	695.7	717.7	729.3	595.5	708.5
35°	1628.4	1655.7	1623.3	1623.0	1623.3	1655.7	1628.4	1638.3	1641.2	1531.6	1614.8
32.5°	3116.2	3071.0	2887.3	2791.8	2887.3	3071.0	3116.2	3214.3	3138.6	3064.6	3082.7
30°	5870.7	5899.8	5624.6	5630.7	5624.6	5899.8	5870.7	5877.2	5509.2	5545.7	5326.0
27.5°	10045.5	10269.0	10210.2	10112.2	10210.2	10269.0	10045.5	9840.3	9331.6	9119.9	8579.9
25°	15021.7	15190.0	15077.3	15008.8	15077.3	15190.0	15021.7	14618.2	14003.1	13397.7	12625.2
22.5°	20767.7	21002.1	20943.2	20646.0	20943.2	21002.1	20767.7	20092.4	19397.0	18259.4	17229.6
20°	27128.7	27530.2	27763.4	27613.2	27763.4	27530.2	27128.7	26215.4	25106.3	23638.1	22060.6
17.5°	33343.3	33861.1	34258.0	34391.6	34258.0	33861.1	33343.3	32157.6	30488.1	28616.1	26609.2
15°	38569.1	39309.4	39830.9	40015.8	39830.9	39309.4	38569.1	37177.1	35115.1	32913.4	30434.2
12.5°	42319.3	43283.0	43894.5	44078.2	43894.5	43283.0	42319.3	40689.0	38754.3	36167.8	33537.5
10°	44381.6	45596.2	46292.3	46582.6	46292.3	45596.2	44381.6	42931.5	40853.0	38356.1	35406.9
7.5°	45533.7	46630.9	47288.6	47385.9	47288.6	46630.9	45533.7	43834.2	41925.3	39354.0	36385.4
5°	45907.6	46904.3	47447.3	47497.4	47447.3	46904.3	45907.6	44266.9	42281.0	39744.8	36636.5
2.5°	46071.4	46913.7	47314.1	47211.7	47314.1	46913.7	46071.4	44492.4	42559.2	40112.7	37106.9
0°	45987.6	46740.5	47165.4	47228.8	47165.4	46740.5	45987.6	44681.2	42724.6	40341.4	37279.4
-2.5°	45304.6	45865.4	46166.7	45973.0	46166.7	45865.4	45304.6	44117.3	42220.3	39806.3	36906.0
-5°	43747.7	44151.0	44276.9	44347.5	44276.9	44151.0	43747.7	42778.6	41033.6	38620.3	35894.0
-7.5°	41497.2	41826.4	41950.6	41863.4	41950.6	41826.4	41497.2	40501.3	38839.2	36708.5	33994.8
-10°	38531.0	38832.6	38938.0	38878.0	38938.0	38832.6	38531.0	37647.6	36047.6	34046.9	31655.9
-12.5°	35528.4	35885.9	35967.9	35973.0	35967.9	35885.9	35528.4	34659.8	33210.4	31410.6	29205.4
-15°	32576.7	32985.4	33110.3	33219.5	33110.3	32985.4	32576.7	31741.6	30463.7	28787.2	26801.2
-17.5°	29676.3	30082.4	30187.8	30045.2	30187.8	30082.4	29676.3	28875.2	27746.3	26240.9	24428.4
-20°	27292.3	27502.8	27727.4	27725.6	27727.4	27502.8	27292.3	26660.2	25537.7	24167.0	22556.4



REPORT NUMBER: P1306177 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	25323.3	25671.3	25862.5	25998.4	25862.5	25671.3	25323.3	24795.8	23728.2	22426.1	20968.5
-25°	23476.5	23772.0	23890.9	23981.5	23890.9	23772.0	23476.5	22917.9	22004.5	20825.3	19442.5
-27.5°	22054.0	22353.8	22523.5	22623.9	22523.5	22353.8	22054.0	21491.8	20694.8	19560.9	18316.6
-30°	20919.4	21214.1	21416.1	21543.0	21416.1	21214.1	20919.4	20295.2	19529.1	18501.0	17359.3
-32.5°	19696.9	20005.0	20215.7	20346.5	20215.7	20005.0	19696.9	19102.4	18352.3	17452.8	16395.1
-35°	18426.4	18734.7	18962.0	19068.6	18962.0	18734.7	18426.4	17915.1	17183.0	16361.7	15415.3
-37.5°	17192.3	17480.0	17680.9	17759.8	17680.9	17480.0	17192.3	16750.1	16052.0	15308.6	14439.4
-40°	15905.7	16177.2	16363.8	16436.4	16363.8	16177.2	15905.7	15546.6	14896.0	14192.9	13429.9
-42.5°	14608.4	14861.7	15034.0	15106.5	15034.0	14861.7	14608.4	14296.8	13720.1	13078.8	12398.9
-45°	13294.3	13519.6	13665.5	13721.2	13665.5	13519.6	13294.3	13014.9	12527.9	11930.3	11293.7
-47.5°	12000.9	12204.0	12329.4	12370.0	12329.4	12204.0	12000.9	11751.4	11349.0	10814.9	10252.6
-50°	10738.2	10904.6	11019.4	11084.0	11019.4	10904.6	10738.2	10528.9	10214.3	9760.1	9289.0
-52.5°	9570.3	9721.5	9811.5	9846.9	9811.5	9721.5	9570.3	9383.3	9133.9	8744.6	8331.9
-55°	8475.8	8606.6	8683.1	8713.9	8683.1	8606.6	8475.8	8316.4	8124.1	7789.4	7433.1
-57.5°	7465.0	7572.1	7644.3	7685.1	7644.3	7572.1	7465.0	7333.2	7178.1	6890.5	6569.8
-60°	6506.6	6594.4	6655.0	6690.5	6655.0	6594.4	6506.6	6395.7	6262.2	6023.4	5748.8
-62.5°	5581.4	5656.0	5705.1	5733.3	5705.1	5656.0	5581.4	5487.4	5374.3	5190.0	4963.8
-65°	4745.0	4810.4	4842.1	4854.3	4842.1	4810.4	4745.0	4664.5	4569.2	4424.8	4239.0
-67.5°	4005.0	4063.9	4085.3	4089.2	4085.3	4063.9	4005.0	3933.9	3851.1	3734.3	3580.1
-70°	3298.6	3346.6	3362.8	3364.8	3362.8	3346.6	3298.6	3240.9	3174.3	3085.3	2962.9
-72.5°	2623.5	2653.7	2677.1	2692.5	2677.1	2653.7	2623.5	2585.0	2538.2	2474.5	2380.2
-75°	2024.5	2050.4	2061.6	2065.7	2061.6	2050.4	2024.5	1992.2	1953.8	1905.5	1836.8
-77.5°	1474.3	1494.0	1498.5	1497.6	1498.5	1494.0	1474.3	1450.2	1422.0	1388.4	1342.5
-80°	987.7	996.9	1002.8	1006.0	1002.8	996.9	987.7	975.3	959.7	940.1	911.5
-82.5°	605.1	616.2	604.8	590.9	604.8	616.2	605.1	592.3	578.1	562.8	549.8
-85°	283.1	283.6	284.6	284.9	284.6	283.6	283.1	281.8	279.9	277.1	272.1
-87.5°	105.9	107.1	106.5	105.8	106.5	107.1	105.9	104.5	103.0	101.3	99.5
-90°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	18.7	18.3	17.9	17.5	17.1	16.7	16.3	15.5	14.7	13.8	13.0
87.5°	10.1	8.1	6.2	6.9	7.6	8.3	8.9	8.4	8.0	7.6	7.2
85°	22.7	20.6	18.5	18.4	18.3	18.2	18.1	17.7	17.2	16.4	15.6
82.5°	27.1	27.9	28.4	30.6	32.4	33.6	34.1	33.9	33.2	32.0	30.1
80°	34.1	36.4	38.8	43.5	47.7	51.3	54.0	55.2	55.8	55.7	53.8
77.5°	40.0	43.9	48.3	55.1	61.6	67.6	72.7	75.6	77.0	77.7	75.5
75°	39.9	45.2	52.0	61.6	70.8	79.3	85.8	90.2	93.8	96.6	94.2
72.5°	34.6	39.6	47.7	60.0	72.8	83.7	92.6	100.0	106.5	112.0	108.2
70°	27.5	31.0	38.3	49.2	61.0	73.6	87.0	100.5	113.7	122.3	116.1
67.5°	21.7	23.7	29.6	38.4	48.6	60.0	73.5	89.0	103.9	117.9	115.1
65°	18.4	19.1	22.7	29.0	36.7	46.0	57.5	71.0	86.9	102.8	103.3
62.5°	17.3	17.9	20.1	23.4	27.8	33.7	42.4	54.3	67.9	78.9	82.8
60°	17.6	18.2	19.6	21.3	23.2	26.2	33.0	41.0	50.3	59.6	64.3
57.5°	19.4	19.7	20.5	21.4	22.5	25.3	28.7	32.5	40.1	45.5	49.6
55°	20.9	21.4	21.9	22.3	22.9	25.3	28.0	31.3	34.7	36.3	41.3
52.5°	22.6	24.0	24.6	24.3	25.1	26.9	28.0	30.8	33.7	35.7	36.9
50°	32.1	33.7	32.5	29.7	32.4	32.0	31.7	32.3	35.7	37.5	37.4
47.5°	57.4	57.8	52.4	48.8	51.8	47.9	44.9	42.3	47.4	42.7	42.2
45°	108.0	105.6	93.0	94.3	90.8	84.6	71.7	78.5	72.5	65.0	50.0
42.5°	189.3	185.4	172.4	179.8	166.9	150.7	143.5	150.9	126.4	102.6	108.2
40°	343.5	299.7	325.0	336.5	303.5	255.6	321.4	276.2	235.4	169.2	222.7
37.5°	717.0	584.5	703.3	706.7	612.4	563.3	634.6	572.0	399.5	422.5	429.9
35°	1538.9	1465.3	1438.7	1387.6	1211.1	1270.0	1138.1	1006.8	864.6	817.7	740.0
32.5°	2786.7	2864.8	2680.2	2453.7	2432.2	2311.3	2037.8	1641.5	1643.1	1481.3	1210.4
30°	4954.5	4849.5	4518.8	4143.1	4135.4	3826.8	3217.2	2952.2	2707.5	2340.2	1823.8
27.5°	8213.7	7488.0	6966.5	6673.7	6240.1	5731.9	5133.0	4513.4	3990.6	3431.0	2736.1
25°	12055.7	11152.3	10218.3	9598.7	8844.1	8041.8	7297.7	6428.8	5554.2	4676.4	3796.0
22.5°	16177.2	15080.0	13940.5	12788.0	11659.3	10630.0	9642.8	8490.5	7156.8	5924.5	4906.3
20°	20410.5	18911.9	17537.7	15938.8	14409.0	13156.1	12040.3	10453.4	8672.9	7175.1	5987.5
17.5°	24433.2	22522.6	20586.8	18601.2	16946.2	15588.9	13862.3	12006.8	10088.8	8351.2	7020.3
15°	28053.2	25425.1	23120.2	21028.5	19030.8	17063.6	15253.6	13418.6	11412.3	9533.2	7963.7
12.5°	30559.8	27805.5	25330.8	22692.5	20362.7	18303.9	16466.3	14626.4	12520.3	10316.1	8490.3
10°	32396.9	29412.0	26522.7	23832.3	21489.8	19402.6	17361.4	15270.1	12993.6	10785.3	8927.7
7.5°	33242.7	30260.9	27419.0	24653.0	22206.8	20023.0	17855.1	15678.2	13332.1	11110.3	9279.1
5°	33637.0	30780.5	27957.5	25075.4	22619.6	20461.0	18257.1	15988.2	13538.3	11305.9	9548.4
2.5°	33997.5	31060.6	28225.0	25254.9	22863.8	20758.2	18607.9	16301.1	13794.6	11509.9	9720.7
0°	34237.0	31347.5	28477.6	25371.7	23001.5	20942.3	18912.4	16579.7	14017.4	11652.2	9824.1
-2.5°	33825.1	30919.3	28096.2	25134.2	22711.5	20682.4	18692.1	16464.2	13974.2	11652.1	9828.3
-5°	32926.3	30059.2	27294.0	24466.6	22049.8	20035.0	18117.7	16036.4	13720.8	11525.1	9769.3
-7.5°	31243.9	28681.5	26171.8	23540.8	21161.9	19154.8	17277.9	15298.5	13163.5	11106.0	9421.3
-10°	29098.6	26744.2	24400.1	22070.4	19978.1	18130.8	16344.5	14492.6	12517.3	10604.0	9017.0
-12.5°	26965.4	24720.3	22487.6	20348.9	18523.9	16823.1	15236.2	13607.0	11794.6	10021.6	8562.6
-15°	24662.1	22636.9	20666.7	18761.1	16995.9	15442.5	14039.2	12584.7	10976.8	9390.8	8062.5
-17.5°	22659.5	20645.3	18838.7	17298.7	15693.9	14115.0	12858.4	11584.3	10213.0	8843.4	7634.0
-20°	20888.7	19180.9	17424.4	15953.3	14582.1	13209.3	11857.4	10647.0	9504.5	8346.4	7263.8



REPORT NUMBER: P1306177 (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°	19452.2	17906.5	16356.6	14861.0	13564.1	12392.6	11204.8	10001.5	8842.9	7837.3	6905.6
-25°	18175.3	16715.9	15356.3	14093.5	12776.6	11616.5	10611.4	9545.3	8440.2	7387.1	6574.9
-27.5°	17107.1	15777.8	14552.4	13410.2	12225.8	11087.3	10092.7	9106.4	8080.8	7134.7	6300.8
-30°	16190.2	15035.0	13901.2	12825.5	11742.0	10671.4	9641.0	8705.1	7753.7	6861.7	6072.7
-32.5°	15320.3	14248.6	13215.8	12235.1	11226.7	10222.7	9256.0	8299.4	7384.1	6584.8	5852.9
-35°	14409.1	13414.5	12490.7	11582.3	10676.8	9743.9	8818.4	7881.1	7027.8	6277.9	5598.6
-37.5°	13515.0	12593.7	11739.5	10897.4	10073.1	9221.7	8330.0	7475.8	6668.7	5954.2	5311.0
-40°	12602.2	11769.0	10969.1	10197.1	9427.6	8656.5	7844.0	7050.7	6311.1	5598.5	4994.7
-42.5°	11646.2	10901.8	10180.5	9468.3	8752.0	8050.1	7338.9	6622.6	5928.1	5265.2	4659.4
-45°	10658.3	10013.8	9366.2	8716.0	8059.8	7439.8	6829.4	6173.6	5528.6	4911.9	4313.5
-47.5°	9702.6	9139.3	8548.2	7965.4	7401.3	6838.4	6287.6	5705.3	5113.8	4536.2	4004.6
-50°	8804.9	8291.6	7771.7	7256.5	6759.5	6250.7	5740.8	5228.6	4684.2	4168.2	3682.9
-52.5°	7902.4	7467.5	7024.3	6577.4	6127.9	5661.6	5190.1	4733.8	4253.5	3801.3	3371.8
-55°	7057.4	6673.8	6284.6	5890.2	5497.6	5087.6	4667.1	4252.3	3848.3	3438.4	3069.2
-57.5°	6228.4	5889.4	5568.6	5238.5	4900.4	4541.5	4175.1	3804.7	3448.2	3097.8	2764.2
-60°	5466.9	5181.3	4899.6	4616.4	4333.9	4025.8	3695.8	3370.8	3052.1	2761.0	2477.8
-62.5°	4726.0	4478.3	4245.6	4011.7	3768.6	3506.4	3224.4	2960.2	2694.3	2432.8	2203.3
-65°	4042.7	3837.0	3632.4	3440.2	3246.6	3050.3	2811.4	2577.7	2353.9	2138.4	1937.7
-67.5°	3419.6	3253.8	3091.2	2930.4	2769.8	2606.4	2409.9	2211.4	2027.6	1853.0	1682.4
-70°	2834.7	2701.6	2568.6	2435.4	2304.6	2176.6	2028.1	1871.6	1718.8	1570.3	1421.7
-72.5°	2281.1	2177.9	2074.9	1974.8	1873.3	1773.6	1658.9	1530.7	1403.7	1278.7	1158.0
-75°	1764.3	1688.4	1611.8	1537.2	1459.7	1379.8	1296.5	1201.0	1104.9	1008.5	912.9
-77.5°	1293.4	1241.4	1188.1	1138.4	1087.3	1035.2	976.1	900.0	828.0	757.0	687.8
-80°	881.0	848.7	815.7	786.5	755.2	721.9	683.8	629.7	575.9	526.1	481.0
-82.5°	535.2	519.2	501.9	485.1	466.7	446.8	424.3	392.8	361.8	331.4	301.7
-85°	266.4	260.0	252.9	245.7	237.8	229.3	220.1	206.7	192.8	178.5	163.8
-87.5°	97.5	95.4	93.1	91.5	89.7	87.7	85.6	80.6	75.7	70.8	65.9
-90°	3.3	3.3	3.3	3.7	4.1	4.5	4.9	4.9	4.9	4.9	4.9



REPORT NUMBER: P1306177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	12.6	12.2	11.8	11.4	11.4	11.4	11.4	11.4	11.0	10.6	10.2
87.5°	8.5	9.6	10.6	11.4	10.8	10.2	9.6	9.0	9.4	9.6	9.8
85°	15.9	16.4	17.1	18.0	16.9	15.5	14.3	13.2	13.4	13.5	13.5
82.5°	27.2	25.8	25.0	24.6	24.4	23.6	22.3	20.3	18.4	17.5	17.1
80°	48.3	43.2	38.6	34.8	32.6	31.9	31.0	28.9	24.5	21.5	19.9
77.5°	67.7	60.7	54.2	47.9	42.2	38.3	36.4	35.4	30.4	25.3	22.0
75°	85.5	76.2	67.6	59.1	50.9	44.2	39.6	36.5	32.5	28.6	23.9
72.5°	97.4	87.5	78.5	69.3	58.6	49.7	42.6	37.5	33.4	29.4	25.3
70°	105.7	96.0	85.8	75.3	64.7	54.5	45.6	39.5	34.3	30.1	25.9
67.5°	110.7	99.8	89.8	80.2	69.4	58.5	48.2	41.6	36.2	30.8	26.5
65°	99.6	96.0	91.9	81.7	72.0	62.2	51.2	43.9	38.0	32.4	27.0
62.5°	85.2	85.2	82.7	80.3	72.7	63.2	54.2	46.8	39.9	34.0	28.1
60°	67.4	70.4	72.8	72.2	69.6	63.2	55.3	49.4	42.1	35.4	29.4
57.5°	54.4	56.6	61.2	63.9	63.2	60.2	56.0	50.7	44.0	37.0	30.7
55°	44.5	48.4	52.1	55.4	56.9	55.2	55.7	51.5	45.5	38.4	32.2
52.5°	39.4	43.2	47.0	49.3	51.0	51.8	54.3	52.3	46.4	39.6	33.8
50°	37.9	41.9	44.7	46.5	46.6	50.5	53.8	52.6	47.3	40.5	35.5
47.5°	43.6	47.0	45.9	45.8	45.7	50.6	54.4	53.5	48.1	41.4	37.4
45°	64.9	59.5	53.4	48.9	49.0	54.2	56.2	55.2	49.8	43.7	39.5
42.5°	102.9	92.4	70.7	53.4	62.7	60.1	59.1	57.9	52.1	46.5	41.8
40°	208.1	145.7	100.7	93.3	86.2	68.0	65.7	61.6	55.2	49.9	44.5
37.5°	354.8	257.1	163.1	166.5	128.4	96.7	73.8	66.1	60.5	54.3	47.3
35°	609.4	429.0	340.0	302.6	217.4	132.2	83.0	72.5	67.0	59.0	50.3
32.5°	924.1	753.8	665.5	509.7	328.7	174.1	108.6	84.5	74.3	63.9	53.6
30°	1455.9	1315.0	1066.7	763.9	485.9	277.5	153.5	98.3	82.3	68.9	57.1
27.5°	2258.0	1977.0	1555.3	1131.1	728.4	403.0	219.8	113.8	90.9	74.7	61.2
25°	3131.4	2727.1	2191.5	1567.7	1001.4	602.5	300.9	132.5	102.5	81.6	65.3
22.5°	4096.3	3502.4	2893.7	2045.0	1304.5	834.1	429.9	194.4	116.0	88.9	69.5
20°	5020.7	4291.7	3595.8	2419.7	1628.0	1103.7	609.8	263.7	130.2	96.3	73.6
17.5°	5918.6	4939.7	3975.4	2827.8	1945.3	1358.2	804.2	338.9	144.8	103.8	77.6
15°	6530.8	5372.5	4330.7	3192.2	2228.8	1597.6	1008.6	417.9	159.6	111.3	83.8
12.5°	7000.0	5764.7	4670.0	3513.3	2480.0	1821.6	1218.3	498.8	174.4	123.0	92.7
10°	7402.9	6115.3	4988.2	3791.4	2700.8	2030.4	1427.8	575.1	197.3	138.0	101.5
7.5°	7741.1	6423.8	5280.0	4027.6	2881.2	2168.2	1556.3	637.1	220.9	152.9	110.3
5°	8005.0	6652.2	5510.7	4188.6	2975.0	2230.2	1653.6	691.3	243.9	167.6	118.9
2.5°	8162.1	6776.4	5685.1	4308.2	3049.9	2275.8	1729.2	736.9	265.8	181.8	127.2
0°	8264.6	6856.5	5816.3	4390.3	3104.3	2306.7	1782.5	773.2	286.5	195.3	135.1
-2.5°	8303.6	6868.5	5835.2	4495.0	3214.9	2402.1	1834.3	874.1	383.2	261.6	177.6
-5°	8282.1	6843.9	5815.8	4560.9	3302.2	2481.4	1866.9	965.2	476.9	326.0	219.1
-7.5°	8023.2	6699.5	5715.4	4570.9	3365.3	2542.2	1883.8	1046.3	566.1	387.4	258.8
-10°	7677.5	6467.4	5506.7	4433.3	3358.5	2578.7	1892.7	1117.5	649.5	445.0	296.2
-12.5°	7294.2	6205.0	5280.2	4283.1	3328.1	2598.6	1917.6	1184.0	725.8	497.8	330.7
-15°	6879.2	5914.3	5042.1	4128.1	3285.9	2608.6	1931.1	1240.9	794.7	547.8	361.7
-17.5°	6471.0	5597.5	4798.1	3975.4	3234.3	2610.4	1934.9	1284.9	855.6	596.1	394.9
-20°	6249.1	5367.4	4558.3	3831.7	3175.9	2605.6	1930.6	1315.6	907.8	638.6	428.8



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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°	6027.7	5216.6	4443.2	3729.7	3126.7	2595.4	1920.0	1332.5	950.7	675.0	458.4
-25°	5794.9	5058.0	4331.7	3657.6	3093.8	2558.1	1914.6	1335.4	983.5	704.8	483.2
-27.5°	5588.9	4897.8	4202.7	3557.5	3029.2	2518.7	1906.2	1367.0	1009.4	727.7	502.9
-30°	5396.0	4736.0	4066.3	3440.2	2941.3	2423.5	1881.1	1387.0	1032.5	747.3	517.4
-32.5°	5196.7	4558.5	3902.0	3325.7	2824.5	2315.5	1810.3	1393.1	1046.2	762.0	529.7
-35°	4964.3	4343.3	3710.2	3183.7	2693.5	2204.0	1731.1	1384.9	1050.3	769.3	537.6
-37.5°	4700.4	4091.5	3529.0	3023.6	2553.3	2084.3	1673.4	1344.0	1044.8	769.0	539.7
-40°	4408.7	3839.8	3321.1	2861.2	2411.0	1956.7	1604.8	1300.8	1035.1	761.1	536.0
-42.5°	4101.8	3594.1	3122.7	2688.9	2263.5	1867.8	1528.0	1249.4	999.9	749.0	526.4
-45°	3814.9	3344.1	2917.0	2514.0	2115.9	1768.0	1461.7	1191.5	955.5	731.1	513.3
-47.5°	3519.0	3102.6	2708.8	2329.2	1990.9	1663.7	1386.3	1133.9	905.0	705.0	498.2
-50°	3239.9	2859.8	2499.3	2162.8	1848.2	1569.2	1304.8	1069.0	854.4	661.4	478.1
-52.5°	2977.3	2625.1	2301.2	1995.6	1721.8	1465.0	1222.8	997.8	798.1	618.9	453.2
-55°	2716.4	2401.6	2107.6	1841.2	1592.8	1359.1	1133.0	926.2	736.2	574.4	424.1
-57.5°	2465.4	2180.1	1930.2	1690.7	1460.8	1245.2	1040.6	848.3	676.1	525.7	396.1
-60°	2213.0	1981.9	1756.8	1534.2	1322.8	1127.4	944.2	767.6	613.1	474.7	360.8
-62.5°	1984.4	1777.1	1573.4	1369.7	1182.2	1007.5	843.0	687.7	545.4	427.0	321.6
-65°	1750.1	1564.2	1381.2	1206.8	1040.0	884.5	742.8	602.5	482.6	376.5	283.1
-67.5°	1512.9	1350.7	1195.4	1040.5	898.9	765.1	637.1	523.2	418.9	323.3	249.7
-70°	1276.1	1136.0	1008.7	883.6	760.0	643.5	542.0	444.6	352.2	280.0	214.8
-72.5°	1044.4	935.0	830.2	725.2	626.5	533.3	446.1	366.3	297.9	235.2	178.4
-75°	820.6	738.5	659.6	579.4	497.1	420.8	358.9	300.1	242.0	188.8	146.7
-77.5°	621.6	556.6	493.2	437.5	380.8	327.7	278.4	231.8	187.2	149.6	116.2
-80°	437.9	395.7	354.7	314.2	271.9	232.7	201.5	171.2	139.1	110.3	84.8
-82.5°	272.4	248.4	226.0	203.4	179.1	155.7	133.5	112.3	90.0	70.1	58.3
-85°	149.5	135.0	120.6	106.3	91.8	78.0	71.4	64.9	57.0	49.4	42.4
-87.5°	62.4	58.7	55.1	51.5	48.1	44.8	41.5	38.2	34.0	30.1	26.3
-90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.3	5.7	6.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	9.8	9.4	9.0	8.5	8.1	7.3	6.5
87.5°	9.9	9.4	9.0	8.8	8.7	7.5	6.5
85°	13.2	11.8	10.7	9.8	9.2	7.8	6.5
82.5°	16.5	14.3	12.4	10.9	9.8	8.0	6.5
80°	19.5	16.6	14.0	11.9	10.4	8.3	6.5
77.5°	20.2	18.3	15.7	13.0	10.9	8.5	6.5
75°	20.9	18.6	17.0	14.0	11.4	8.8	6.5
72.5°	21.5	18.9	17.0	14.9	11.9	9.0	6.5
70°	22.1	19.1	17.0	15.7	12.4	9.2	6.5
67.5°	22.7	19.3	17.0	15.5	12.9	9.4	6.5
65°	23.3	19.7	16.9	15.4	13.4	9.6	6.5
62.5°	24.0	20.3	16.8	15.2	13.8	9.8	6.5
60°	24.6	21.0	16.6	15.0	14.3	10.0	6.5
57.5°	25.9	21.6	17.1	14.7	14.1	10.2	6.5
55°	27.2	22.2	17.7	14.4	14.0	10.4	6.5
52.5°	28.5	22.9	18.3	14.2	13.9	10.5	6.5
50°	29.7	24.0	18.8	13.8	13.8	10.7	6.5
47.5°	31.0	25.0	19.3	13.7	13.7	10.8	6.5
45°	32.8	26.0	19.8	14.1	13.6	11.0	6.5
42.5°	34.7	26.9	20.3	14.4	13.6	11.1	6.5
40°	36.7	27.8	20.9	15.0	13.6	11.2	6.5
37.5°	38.8	28.7	21.6	15.8	13.6	11.3	6.5
35°	40.9	30.0	22.2	16.6	13.6	11.4	6.5
32.5°	43.1	31.6	22.8	17.4	13.6	11.4	6.5
30°	45.6	33.2	23.3	18.3	13.6	11.5	6.5
27.5°	48.2	34.7	25.0	19.1	13.7	11.6	6.5
25°	50.8	36.2	26.8	20.0	13.8	11.6	6.5
22.5°	53.4	38.5	28.8	20.8	13.8	11.6	6.5
20°	56.0	42.7	30.9	21.7	13.9	11.7	6.5
17.5°	60.8	46.9	33.0	22.6	14.0	11.7	6.5
15°	66.9	51.1	35.1	23.4	14.1	11.7	6.5
12.5°	72.9	55.3	37.3	24.2	14.2	11.6	6.5
10°	78.9	59.5	39.4	25.0	14.3	11.6	6.5
7.5°	84.7	63.6	41.5	25.8	14.4	11.6	6.5
5°	90.3	67.6	43.5	26.5	14.5	11.5	6.5
2.5°	95.7	71.3	45.4	27.1	14.6	11.5	6.5
0°	100.9	74.9	47.2	27.7	14.7	11.4	6.5
-2.5°	126.2	89.5	54.9	31.1	15.8	11.6	6.5
-5°	150.9	103.7	62.3	34.4	16.9	11.8	6.5
-7.5°	174.7	117.3	69.4	37.5	18.0	12.0	6.5
-10°	197.1	130.1	76.1	40.4	19.0	12.2	6.5
-12.5°	218.1	141.9	82.3	43.2	20.0	12.3	6.5
-15°	237.2	152.6	87.9	45.7	20.9	12.5	6.5
-17.5°	254.1	162.1	92.9	47.9	21.8	12.6	6.5
-20°	272.7	170.1	97.1	49.8	22.5	12.7	6.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	294.8	176.6	100.6	51.3	23.2	12.8	6.5
-25°	313.7	186.6	103.2	52.5	23.8	12.9	6.5
-27.5°	329.1	196.6	104.9	53.3	24.3	12.9	6.5
-30°	340.7	204.4	106.2	53.8	24.7	12.9	6.5
-32.5°	348.4	209.9	110.2	53.8	24.9	12.9	6.5
-35°	354.0	213.0	112.8	53.3	25.1	12.9	6.5
-37.5°	356.6	214.4	114.0	52.5	25.1	12.9	6.5
-40°	355.6	215.2	113.7	51.2	25.0	12.8	6.5
-42.5°	350.8	213.6	113.1	50.0	24.8	12.7	6.5
-45°	342.3	209.7	112.4	49.4	24.4	12.6	6.5
-47.5°	330.1	203.5	110.5	48.1	24.0	12.4	6.5
-50°	318.0	194.9	107.4	47.7	23.4	12.3	6.5
-52.5°	303.2	184.1	103.0	47.2	22.7	12.1	6.5
-55°	285.3	175.0	97.6	46.2	21.9	11.9	6.5
-57.5°	264.2	164.8	91.0	44.6	20.9	11.7	6.5
-60°	241.0	153.0	83.5	42.6	19.9	11.4	6.5
-62.5°	221.7	139.5	78.3	40.1	19.2	11.2	6.5
-65°	200.3	124.6	72.2	37.1	18.4	10.9	6.5
-67.5°	176.8	110.7	65.4	33.8	17.5	10.6	6.5
-70°	151.4	98.2	57.9	30.0	16.6	10.2	6.5
-72.5°	130.3	84.6	49.8	27.5	15.7	9.9	6.5
-75°	108.6	70.2	41.1	25.1	14.7	9.6	6.5
-77.5°	85.9	54.9	35.5	22.6	13.6	9.2	6.5
-80°	62.3	44.1	30.5	19.9	12.6	8.8	6.5
-82.5°	48.5	35.7	25.3	17.2	11.5	8.5	6.5
-85°	35.7	27.1	19.9	14.3	10.4	8.1	6.5
-87.5°	22.8	18.3	14.5	11.4	9.2	7.7	6.5
-90°	6.5	6.9	7.3	7.7	8.1	7.3	6.5

(END OF REPORT)