

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: P1305782 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680R-40-80-7F-CV2-A**

Issue Date: 2/3/2026

Test Information

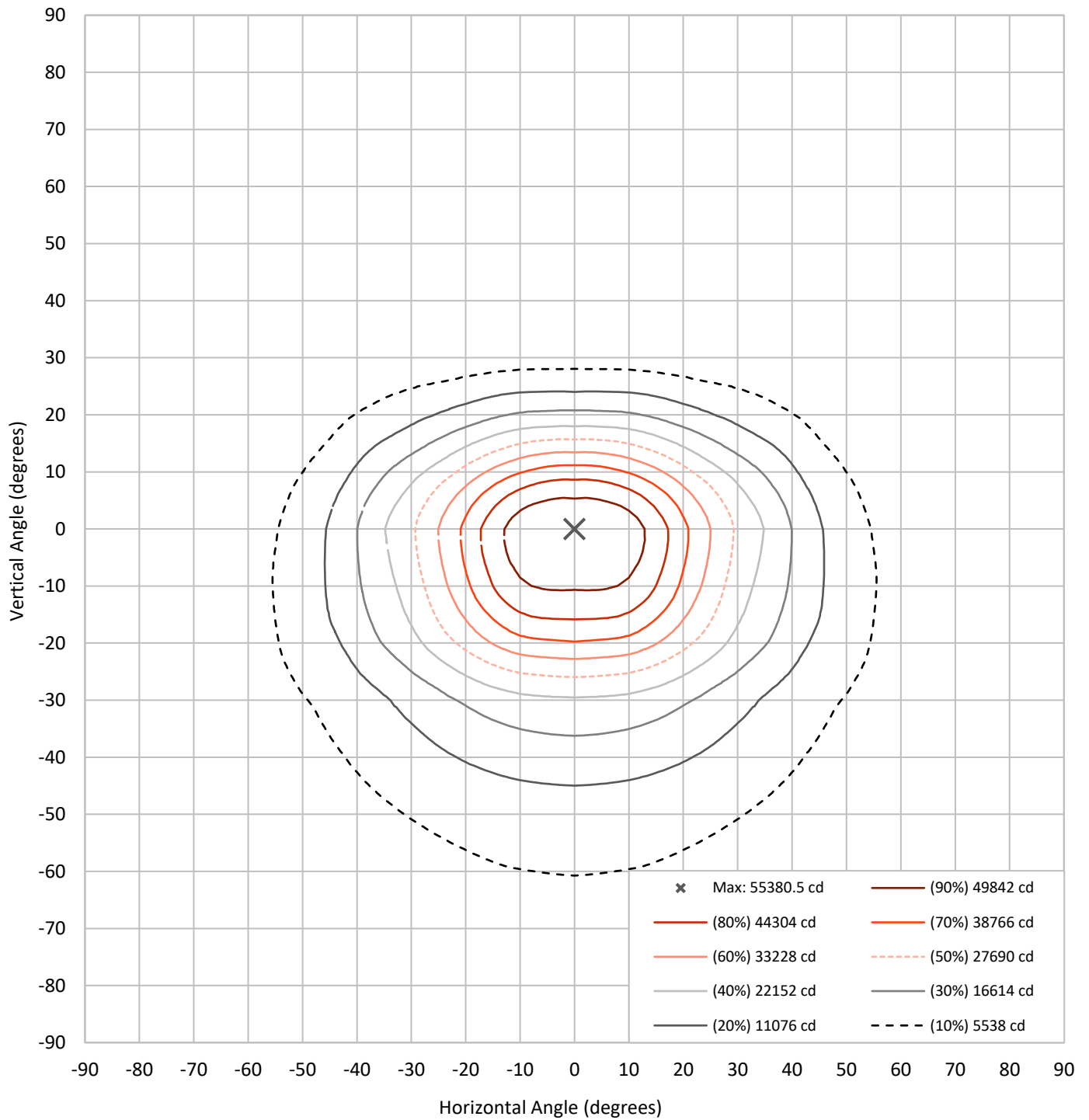
Test Method: LM-79-08
Report Number: P1305782 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-43)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680R-40-80-7F-CV2-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 7F BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	48451.4 lumens	Max Intensity:	55380.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	70.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	58.6°H x 41.6°V	Field Angle (10%):	109°H x 88.8°V
Beam Lumens:	23488.7 lumens	Field Lumens:	44005.3 lumens
Beam Efficiency:	48.5%	Field Efficiency:	90.8%
Input Watts (W):	688		
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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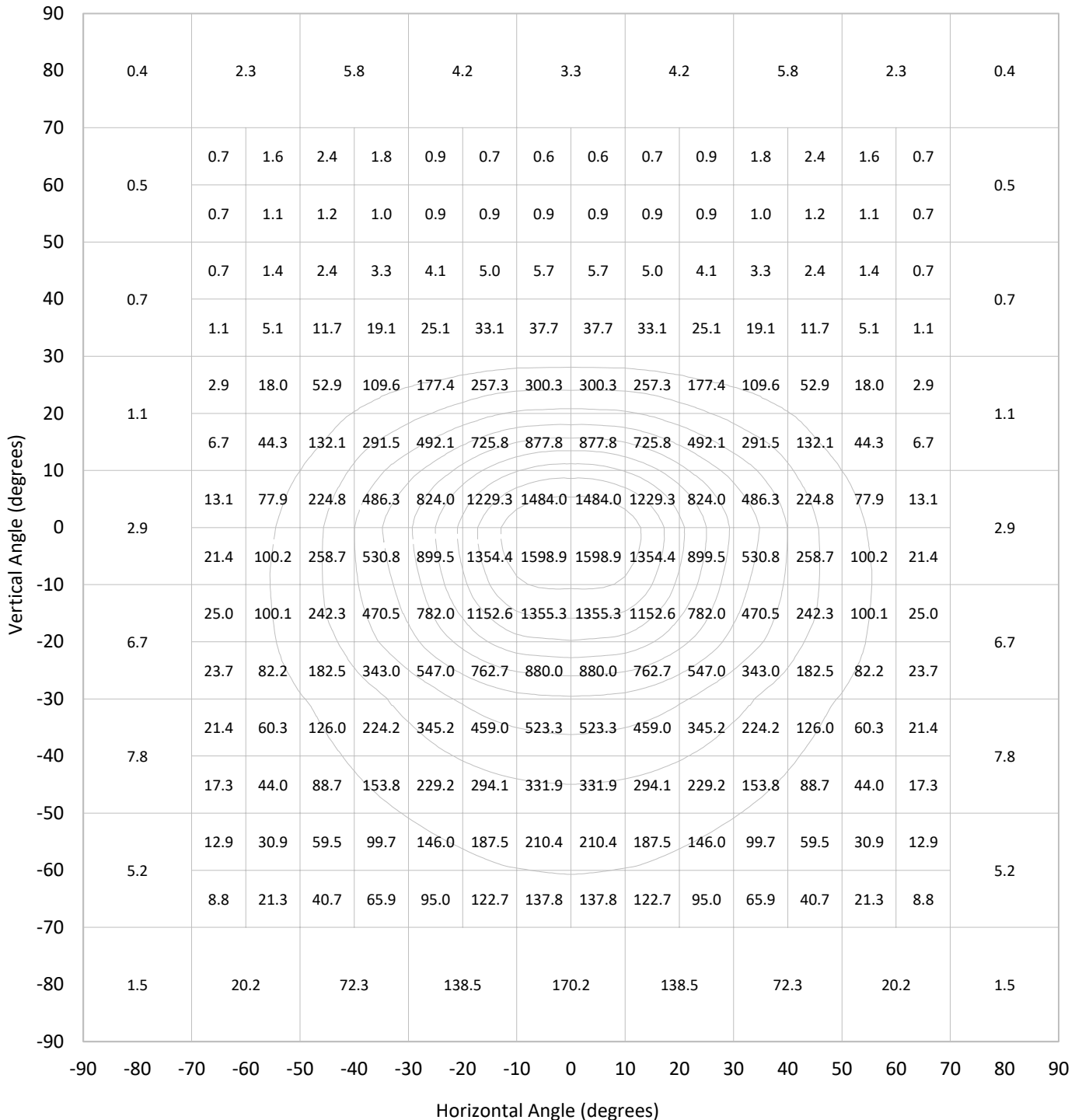
Iso-Candela Plot





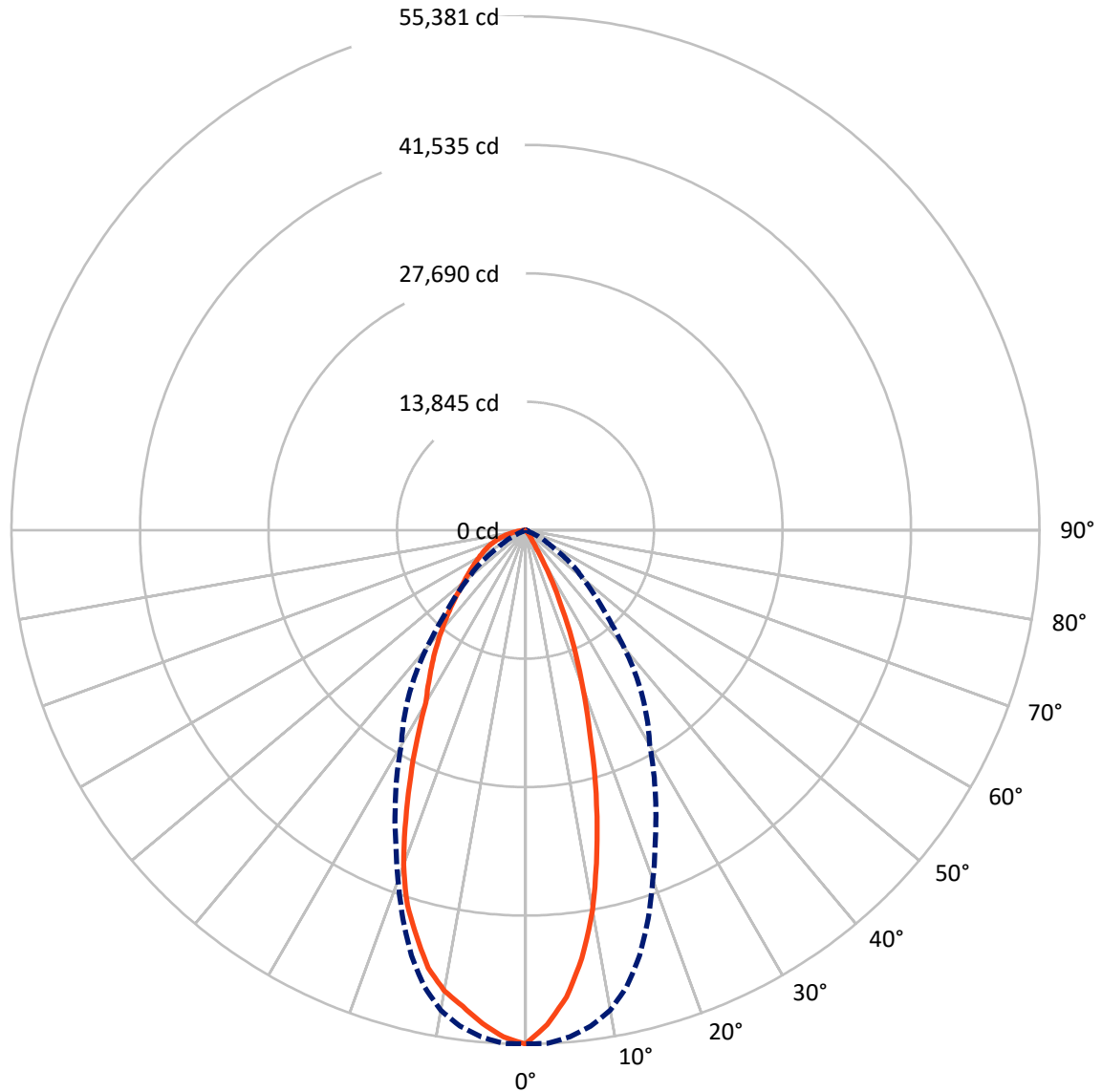
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Lumen Table



REPORT NUMBER: P1305782 (CONVERTED FROM TYPE C PHOTOMETRY)
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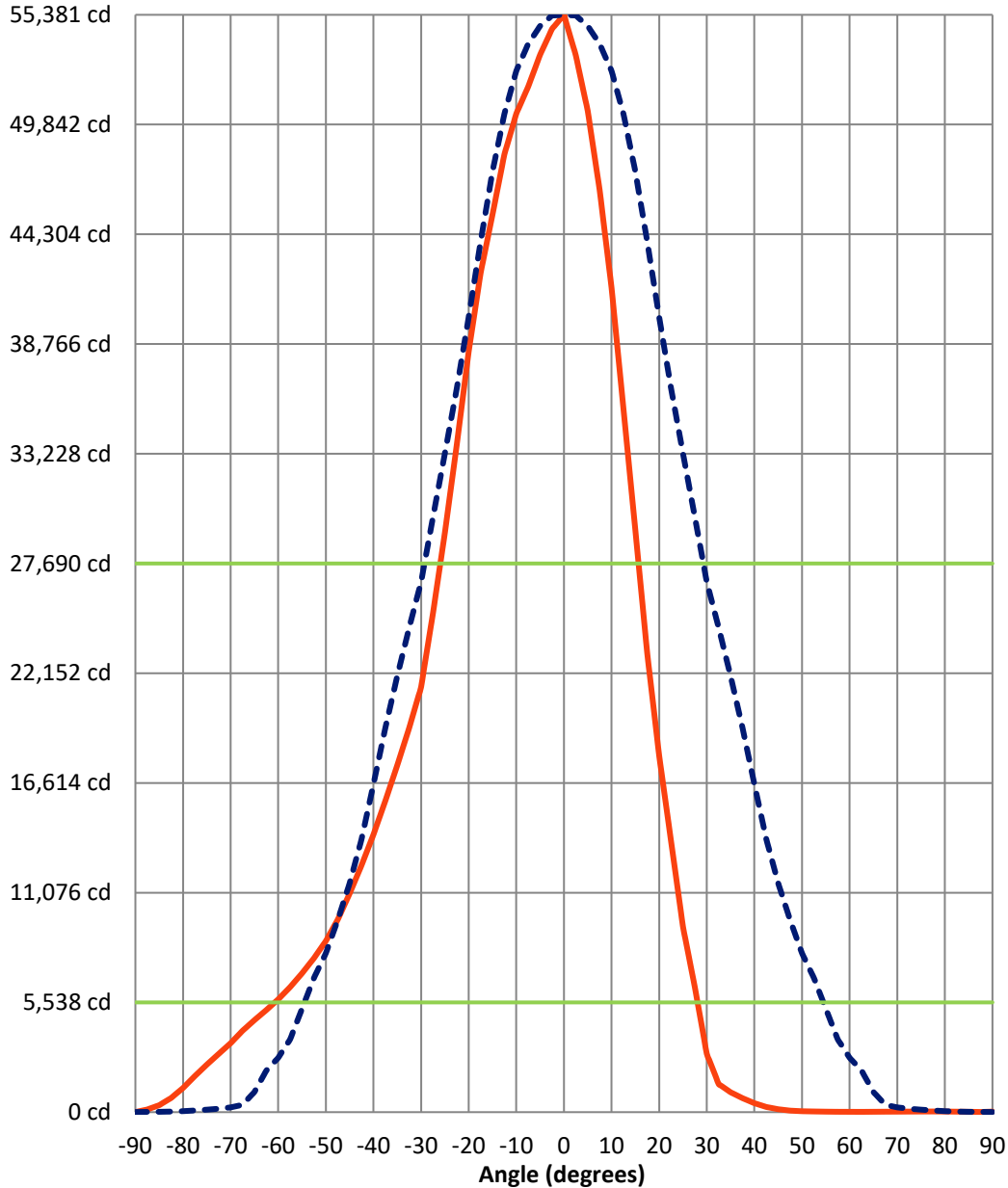
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 58.6°
 V Angle: 41.6°
 Lumens: 23488.7
 Efficiency: 48.5%

Field:
 H Angle: 109°
 V Angle: 88.8°
 Lumens: 44005.3
 Efficiency: 90.8%

Spill:
 Lumens: 4446.1
 Efficiency: 9.2%

— 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°	7.8	8.8	9.7	10.2	10.7	11.2	11.7	12.2	12.7	13.1	13.6
87.5°	7.8	8.1	8.5	9.0	9.7	10.4	11.3	11.6	11.8	11.9	11.9
85°	7.8	8.4	9.2	10.2	11.5	13.0	14.8	15.4	15.8	16.0	16.0
82.5°	7.8	8.7	9.8	11.4	13.3	15.6	18.3	19.2	19.8	21.1	23.6
80°	7.8	9.0	10.5	12.6	15.1	18.2	21.3	21.8	23.9	27.7	33.1
77.5°	7.8	9.3	11.2	13.7	16.9	19.8	21.7	23.7	27.8	33.9	40.3
75°	7.8	9.6	11.8	14.8	18.3	19.9	22.0	25.4	31.1	36.3	41.5
72.5°	7.8	9.8	12.4	15.9	18.2	20.0	22.3	26.6	32.0	37.3	42.6
70°	7.8	10.1	13.0	16.8	18.1	20.0	22.6	27.3	32.8	38.2	44.3
67.5°	7.8	10.4	13.6	16.5	17.9	19.9	23.4	28.0	33.5	39.8	46.0
65°	7.8	10.6	14.2	16.3	17.7	20.2	24.1	28.5	34.8	41.2	48.2
62.5°	7.8	10.9	14.8	16.0	17.5	20.9	24.9	29.4	36.0	42.9	51.7
60°	7.8	11.1	15.3	15.8	17.2	21.6	25.6	30.4	37.1	45.8	55.0
57.5°	7.8	11.4	15.2	15.5	17.7	22.2	26.8	31.4	39.1	48.4	56.7
55°	7.8	11.6	15.1	15.2	18.2	22.8	28.0	32.7	41.2	50.5	57.6
52.5°	7.8	11.8	15.0	14.8	18.7	23.5	29.3	34.9	43.0	51.5	58.6
50°	7.8	12.0	15.0	14.5	19.2	24.6	30.5	37.2	44.5	52.6	57.0
47.5°	7.8	12.2	14.9	14.3	19.6	25.7	31.9	39.5	45.5	53.6	55.3
45°	7.8	12.4	14.9	14.6	20.1	26.8	33.9	41.8	47.9	52.4	53.8
42.5°	7.8	12.6	14.9	14.9	20.5	27.8	35.9	44.3	50.7	51.4	52.2
40°	7.8	12.7	14.9	15.5	21.1	28.8	37.8	46.9	53.4	50.9	51.1
37.5°	7.8	12.9	15.0	16.3	21.8	29.9	39.7	49.8	55.7	53.9	50.6
35°	7.8	13.0	15.1	17.1	22.6	31.2	41.5	52.8	58.8	58.2	54.3
32.5°	7.8	13.1	15.2	18.0	23.3	32.6	43.5	56.1	62.4	63.7	69.8
30°	7.8	13.3	15.3	18.9	23.9	33.9	46.0	59.4	66.7	70.4	85.6
27.5°	7.8	13.4	15.4	19.8	25.8	35.2	48.5	62.7	71.8	78.2	101.8
25°	7.8	13.4	15.6	20.7	28.0	36.4	51.1	66.3	78.0	90.1	119.8
22.5°	7.8	13.5	15.8	21.6	30.3	38.6	53.6	70.2	84.8	103.9	177.7
20°	7.8	13.6	15.9	22.6	32.6	43.5	56.1	74.3	92.0	117.5	238.9
17.5°	7.8	13.6	16.1	23.5	34.9	48.6	62.6	78.5	99.6	130.9	302.4
15°	7.8	13.7	16.3	24.4	37.3	53.9	71.7	87.1	107.5	144.1	366.9
12.5°	7.8	13.7	16.5	25.3	39.7	59.3	81.0	101.4	123.9	156.9	431.1
10°	7.8	13.7	16.7	26.2	42.0	64.8	90.4	115.9	147.3	195.4	515.7
7.5°	7.8	13.7	16.9	27.0	44.3	70.2	99.7	130.5	171.0	239.0	647.1
5°	7.8	13.7	17.1	27.8	46.5	75.5	108.9	145.1	194.9	283.1	777.8
2.5°	7.8	13.6	17.3	28.5	48.6	80.7	117.8	159.3	218.3	326.9	903.8
0°	7.8	13.6	17.5	29.2	50.6	85.6	126.4	173.1	241.1	369.4	1020.8
-2.5°	7.8	13.8	18.8	33.5	60.4	103.9	159.2	227.2	326.3	507.1	1201.5
-5°	7.8	14.1	20.0	37.7	70.0	121.7	191.0	279.9	409.2	640.0	1366.6
-7.5°	7.8	14.3	21.2	41.7	79.2	138.7	221.5	330.5	488.4	765.4	1513.7
-10°	7.8	14.5	22.4	45.5	87.8	154.8	250.2	378.1	562.7	880.8	1640.8
-12.5°	7.8	14.7	23.5	49.1	95.9	169.6	276.7	422.1	630.9	980.0	1688.9
-15°	7.8	14.9	24.5	52.3	103.2	183.2	300.6	461.8	690.7	1040.6	1696.4
-17.5°	7.8	15.0	25.4	55.2	109.7	195.2	321.5	499.6	742.1	1092.5	1693.6
-20°	7.8	15.2	26.3	57.7	115.3	205.4	341.9	534.9	786.7	1135.2	1681.9



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 CATALOG NUMBER: EPH-08-680R-40-80-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.8	15.3	27.1	59.8	120.0	213.8	363.7	565.0	823.8	1168.3	1662.3
-25°	7.8	15.3	27.7	61.4	123.6	224.8	381.7	589.7	853.0	1191.6	1635.9
-27.5°	7.8	15.4	28.3	62.5	126.0	235.3	395.8	608.4	873.8	1210.8	1652.5
-30°	7.8	15.4	28.7	63.0	127.6	243.2	405.7	621.1	891.2	1231.1	1659.2
-32.5°	7.8	15.4	29.0	63.1	131.6	248.4	411.3	630.9	903.4	1240.0	1653.4
-35°	7.8	15.4	29.2	62.5	133.9	250.7	415.7	635.7	907.1	1237.4	1635.0
-37.5°	7.8	15.3	29.3	61.4	134.7	251.3	417.3	634.2	902.1	1223.1	1555.2
-40°	7.8	15.3	29.2	59.8	133.8	251.4	414.6	626.5	888.4	1205.9	1475.3
-42.5°	7.8	15.2	29.0	58.1	132.6	248.9	407.6	612.5	870.7	1147.8	1390.2
-45°	7.8	15.0	28.6	57.1	131.4	243.8	396.3	595.0	847.0	1081.1	1302.4
-47.5°	7.8	14.9	28.1	55.3	128.7	236.1	380.6	575.8	814.5	1011.1	1224.2
-50°	7.8	14.7	27.5	54.7	124.7	225.8	366.1	550.7	757.5	947.0	1142.5
-52.5°	7.8	14.5	26.7	54.1	119.3	213.0	348.8	520.0	704.0	880.1	1058.6
-55°	7.8	14.2	25.9	52.9	112.6	202.1	328.0	484.8	650.5	810.6	981.6
-57.5°	7.8	13.9	24.8	51.1	104.6	190.1	303.7	452.8	594.5	745.3	902.0
-60°	7.8	13.6	23.7	48.6	95.6	176.1	277.1	412.6	537.8	679.3	822.6
-62.5°	7.8	13.3	22.9	45.6	89.2	160.3	254.6	368.3	485.1	610.9	746.2
-65°	7.8	13.0	21.9	42.0	81.8	142.8	229.8	324.8	429.7	544.6	667.2
-67.5°	7.8	12.6	20.9	38.0	73.5	126.3	202.6	286.5	371.7	476.5	587.5
-70°	7.8	12.3	19.8	33.5	64.3	110.7	173.4	246.4	321.9	405.7	505.5
-72.5°	7.8	11.9	18.7	30.6	54.3	94.0	147.4	204.5	270.2	343.0	422.7
-75°	7.8	11.4	17.5	28.0	43.7	76.2	120.6	166.6	216.7	278.3	345.9
-77.5°	7.8	11.0	16.3	25.2	37.6	57.4	92.4	129.4	169.9	214.7	266.7
-80°	7.8	10.6	15.0	22.4	32.5	45.4	63.1	91.4	122.9	157.8	196.0
-82.5°	7.8	10.1	13.7	19.4	27.2	37.1	49.0	60.4	74.9	99.8	127.2
-85°	7.8	9.7	12.4	16.4	21.8	28.6	36.7	44.5	53.1	62.4	72.5
-87.5°	7.8	9.2	11.1	13.3	16.3	19.9	24.3	28.4	32.9	37.8	43.2
-90°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8



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 CATALOG NUMBER: EPH-08-680R-40-80-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	14.1	14.6	15.1	15.6	16.1	16.6	17.0	17.5	18.5	19.5	20.4
87.5°	12.5	13.1	13.8	14.4	13.2	11.8	10.3	8.6	9.0	9.5	10.1
85°	17.2	18.4	20.1	21.4	20.4	19.6	19.0	18.6	19.6	20.5	21.2
82.5°	26.0	27.7	28.8	29.3	29.9	30.8	32.5	35.9	38.1	39.4	39.9
80°	35.7	37.1	38.2	40.9	45.5	51.0	57.3	64.2	66.1	65.7	64.5
77.5°	41.8	44.3	48.9	55.5	63.2	71.0	79.6	88.9	91.3	90.2	88.3
75°	45.3	50.8	58.4	67.9	77.8	88.2	99.4	109.6	112.1	108.8	104.9
72.5°	48.5	56.5	66.6	78.9	90.4	101.2	112.5	124.3	128.9	123.4	116.2
70°	51.3	61.4	73.6	86.8	99.9	111.4	122.5	135.3	143.5	133.2	117.4
67.5°	53.7	66.3	79.8	93.3	104.5	115.9	129.3	134.8	137.9	121.4	104.5
65°	57.3	70.8	82.9	94.2	105.9	111.5	116.0	120.2	118.5	99.9	81.8
62.5°	60.9	71.9	83.1	92.2	96.0	99.4	98.8	94.8	88.8	77.2	63.2
60°	62.2	71.6	79.7	83.6	85.0	81.9	77.3	73.6	68.5	58.6	49.3
57.5°	63.0	68.5	73.0	74.1	70.6	65.8	64.0	58.8	55.1	48.8	40.4
55°	62.5	63.3	65.5	62.9	60.0	58.2	55.4	53.7	48.4	42.5	36.3
52.5°	59.8	58.9	56.9	55.7	56.5	56.1	55.2	52.4	47.5	41.6	38.1
50°	57.5	54.0	50.8	55.2	59.1	62.4	57.5	54.4	54.1	51.4	45.7
47.5°	54.5	50.0	52.7	59.4	70.6	74.8	67.8	67.6	69.9	75.3	68.6
45°	51.9	53.5	57.9	74.5	88.3	94.7	95.7	88.1	106.8	113.0	111.1
42.5°	49.9	61.0	80.9	92.5	114.7	128.3	133.7	144.8	155.9	169.4	172.9
40°	57.2	70.7	115.5	135.4	149.1	172.4	200.6	219.0	222.4	242.9	252.1
37.5°	66.7	110.1	162.9	197.2	196.3	236.7	279.0	323.2	348.1	328.5	373.7
35°	77.5	156.4	231.2	281.1	293.7	318.8	393.2	477.9	559.8	511.9	535.2
32.5°	109.5	209.5	311.1	387.4	461.6	478.5	524.6	754.2	902.8	905.2	785.7
30°	161.9	284.1	406.3	510.5	682.2	761.0	834.6	1119.7	1369.5	1530.4	1564.5
27.5°	227.6	369.5	522.8	710.4	953.7	1095.8	1334.3	1640.5	2033.6	2327.9	2531.3
25°	301.4	501.5	650.0	963.2	1277.8	1538.8	1873.6	2295.0	2846.3	3318.0	3758.4
22.5°	396.4	654.7	851.9	1246.3	1636.9	2017.7	2482.7	3088.5	3790.0	4403.5	5027.6
20°	515.8	828.7	1115.2	1595.7	2045.2	2503.6	3100.1	3942.6	4830.6	5697.9	6507.7
17.5°	645.1	1012.0	1410.2	1994.7	2602.9	3121.3	3746.0	4829.6	5926.5	7117.5	8296.9
15°	781.3	1202.0	1702.5	2430.1	3201.8	3907.5	4733.7	5837.8	7142.0	8669.6	10191.2
12.5°	921.1	1395.4	1989.4	2890.9	3826.4	4708.2	5760.2	7019.8	8517.2	10328.9	12173.9
10°	1061.1	1589.0	2267.6	3365.0	4464.7	5512.7	6760.7	8161.0	9873.2	11908.9	13996.0
7.5°	1314.8	1843.4	2556.2	3839.4	5103.4	6309.3	7726.6	9253.6	11157.3	13420.4	15703.2
5°	1585.7	2156.7	2949.7	4336.9	5706.4	7008.2	8595.1	10287.4	12359.7	14843.9	17319.3
2.5°	1848.9	2458.2	3325.3	4801.6	6260.9	7541.3	9179.1	10958.6	13153.3	15837.9	18546.8
0°	2096.1	2745.6	3678.9	5222.8	6770.6	8022.9	9697.1	11556.0	13780.5	16549.4	19400.0
-2.5°	2319.3	3008.3	3976.5	5480.5	6928.0	8142.1	9828.1	11692.3	13892.5	16552.0	19187.2
-5°	2515.7	3253.1	4246.3	5695.7	7045.6	8221.1	9890.3	11747.3	13905.0	16432.9	18893.4
-7.5°	2683.0	3478.5	4486.2	5850.5	7108.2	8284.5	9903.6	11727.7	13831.6	16216.6	18546.5
-10°	2794.6	3571.4	4501.2	5810.3	7091.0	8309.9	9858.2	11633.8	13659.5	15909.5	18116.4
-12.5°	2722.5	3537.0	4447.7	5720.8	7031.9	8277.0	9752.7	11469.0	13392.0	15529.2	17608.5
-15°	2640.7	3480.0	4360.5	5580.4	6930.8	8181.7	9590.2	11237.3	12933.2	14906.5	16958.1
-17.5°	2553.6	3399.3	4238.5	5387.8	6788.4	8020.8	9289.1	10626.3	12182.3	14117.6	16144.3
-20°	2465.0	3294.3	4080.8	5142.3	6593.0	7611.9	8650.0	9893.2	11368.5	13170.2	15199.0



REPORT NUMBER: P1305782 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2378.6	3164.2	3914.5	4926.4	6072.1	7033.5	7971.6	9090.3	10430.1	12060.5	13838.4
-25°	2313.4	3029.5	3753.4	4573.6	5524.7	6446.1	7243.6	8235.4	9454.2	10848.7	12255.3
-27.5°	2262.9	2909.9	3525.5	4225.4	5010.1	5853.7	6562.0	7413.6	8561.2	9678.1	10763.8
-30°	2209.1	2751.8	3294.6	3904.4	4598.0	5297.6	5912.1	6743.1	7764.3	8728.0	9592.2
-32.5°	2105.2	2584.6	3092.4	3642.0	4223.6	4800.0	5443.1	6230.4	7083.8	7912.6	8605.8
-35°	1982.2	2427.8	2897.6	3382.7	3874.2	4431.4	5071.9	5747.2	6469.3	7218.7	8008.6
-37.5°	1879.0	2264.5	2697.2	3142.5	3596.2	4115.3	4688.3	5308.4	5948.6	6618.7	7392.0
-40°	1768.0	2095.2	2506.8	2919.3	3336.9	3803.9	4330.6	4880.6	5454.4	6089.0	6758.3
-42.5°	1652.5	1964.1	2316.6	2691.7	3083.4	3501.8	3960.0	4471.3	4998.7	5556.1	6154.0
-45°	1553.0	1826.2	2128.8	2478.3	2826.7	3196.8	3610.8	4056.3	4551.3	5047.5	5567.9
-47.5°	1448.4	1689.1	1970.1	2261.5	2581.6	2909.6	3256.2	3675.9	4103.3	4558.3	5009.2
-50°	1344.0	1569.3	1805.1	2073.8	2348.2	2635.7	2939.8	3314.9	3707.2	4089.7	4484.9
-52.5°	1250.4	1444.6	1666.1	1894.1	2138.7	2388.1	2670.0	2996.5	3342.0	3682.5	4034.5
-55°	1153.5	1335.5	1530.4	1735.8	1945.7	2167.5	2427.0	2717.8	3002.0	3319.0	3633.9
-57.5°	1061.8	1229.7	1406.9	1588.2	1776.7	1968.5	2218.2	2459.9	2723.9	2987.0	3260.3
-60°	972.1	1127.6	1290.2	1454.5	1618.0	1810.2	2022.2	2247.2	2471.9	2695.6	2951.2
-62.5°	881.4	1030.0	1178.1	1327.2	1479.1	1657.3	1859.3	2057.7	2249.1	2462.2	2679.0
-65°	794.7	930.3	1070.2	1207.9	1342.7	1515.5	1697.6	1885.2	2071.4	2250.2	2434.4
-67.5°	704.8	828.4	957.3	1089.9	1219.6	1369.4	1532.0	1702.9	1876.5	2041.1	2209.9
-70°	610.4	721.8	838.0	958.3	1084.0	1217.6	1356.6	1506.3	1660.0	1805.5	1952.3
-72.5°	512.0	608.5	711.4	820.2	929.5	1044.1	1166.0	1294.5	1420.3	1542.2	1669.1
-75°	416.3	492.0	578.0	669.7	762.8	859.5	961.3	1066.1	1167.2	1266.2	1368.2
-77.5°	322.3	382.3	447.5	517.7	587.5	662.6	742.2	825.8	904.4	981.5	1059.7
-80°	232.4	270.1	317.8	369.8	422.3	475.9	530.9	587.1	637.3	690.1	747.0
-82.5°	153.1	180.1	208.5	238.2	268.0	298.8	332.2	371.8	405.0	437.8	470.8
-85°	80.8	89.3	106.4	124.4	141.9	160.0	178.8	198.1	215.4	231.8	247.3
-87.5°	47.5	52.0	56.6	61.3	65.2	69.0	72.8	76.6	81.9	87.2	92.5
-90°	7.8	7.8	7.8	7.8	7.3	6.8	6.3	5.8	5.8	5.8	5.8



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	21.4	22.4	23.4	24.3	25.3	25.8	26.3	26.7	27.2	27.7	28.2
87.5°	10.6	10.4	10.0	9.7	9.3	11.6	13.9	16.4	18.9	17.2	15.4
85°	21.6	21.5	21.4	21.1	20.8	24.0	27.3	30.6	33.9	31.0	27.9
82.5°	39.8	39.0	37.7	35.7	33.3	33.0	32.4	31.3	29.9	28.5	27.3
80°	62.6	59.7	56.0	51.5	46.3	43.5	40.8	37.8	34.5	33.5	32.8
77.5°	84.9	79.2	72.5	65.3	57.6	52.7	48.4	43.8	38.9	37.6	36.7
75°	100.2	93.1	83.2	72.8	61.9	54.6	49.0	43.6	38.3	36.4	35.3
72.5°	107.3	96.9	84.7	70.7	57.3	48.5	43.1	38.2	33.6	31.7	30.8
70°	101.9	87.1	73.2	60.0	47.4	39.1	35.2	31.8	29.0	27.6	26.9
67.5°	86.9	71.7	58.6	47.0	37.3	31.0	28.8	26.8	25.1	24.1	23.7
65°	67.3	55.6	45.5	37.2	30.6	26.3	24.6	23.0	21.4	20.4	20.0
62.5°	51.0	42.0	35.4	30.2	26.1	23.1	21.9	20.8	19.9	19.3	18.8
60°	40.8	33.2	29.1	26.3	23.9	21.7	21.4	21.2	20.9	20.6	19.8
57.5°	34.9	30.2	27.2	26.5	25.4	24.0	23.6	23.5	22.7	21.3	20.6
55°	33.4	32.2	30.9	31.5	31.5	30.3	28.6	27.4	26.2	25.1	25.2
52.5°	37.2	39.7	41.1	41.0	39.0	36.1	32.7	33.2	33.8	34.3	35.0
50°	49.7	52.8	52.7	48.5	48.2	46.5	42.5	44.3	46.8	47.4	47.8
47.5°	68.9	72.0	74.0	66.4	67.7	71.8	67.5	66.2	74.4	78.1	79.9
45°	100.5	112.8	116.4	118.7	115.3	126.1	126.2	121.2	137.2	145.9	148.8
42.5°	167.5	188.2	204.7	209.5	205.6	218.9	229.2	228.4	248.5	262.8	266.5
40°	280.3	299.8	323.4	332.1	336.0	348.2	374.0	390.6	410.8	433.1	444.4
37.5°	425.0	455.7	460.5	478.5	501.1	512.5	551.8	585.3	612.7	654.5	681.3
35°	637.0	718.1	630.7	672.1	729.5	736.1	771.8	849.2	868.5	941.6	982.1
32.5°	1028.1	1179.1	1159.2	1018.9	1142.2	1282.3	1126.3	1403.7	1378.9	1456.9	1556.2
30°	1622.6	2061.5	2110.1	1904.9	2247.4	2433.3	2403.5	2679.8	2856.9	2834.9	3178.7
27.5°	2894.8	3246.7	3406.5	3701.2	3886.3	4160.3	4642.8	4924.0	5429.5	5694.8	6013.0
25°	4271.7	4687.7	5201.2	5708.0	6093.0	6700.4	7377.6	7910.0	8625.6	9074.6	9401.8
22.5°	5760.0	6494.9	7209.8	7915.8	8693.0	9529.6	10328.5	11251.1	12122.0	12765.1	13251.3
20°	7391.7	8408.7	9419.9	10389.2	11358.7	12477.4	13466.6	14575.3	15645.1	16575.2	17215.8
17.5°	9408.8	10472.2	11763.5	13060.4	14316.5	15701.7	17162.8	18406.1	19906.3	21145.3	22077.3
15°	11605.7	12937.4	14346.8	15968.8	17665.2	19379.2	21151.4	22979.0	24686.9	26271.1	27457.7
12.5°	13874.2	15531.8	17249.1	19045.1	21012.1	23145.2	25372.1	27547.5	29659.2	31400.5	33028.4
10°	16053.3	18125.0	20117.6	22222.1	24487.2	26873.5	29481.3	32072.7	34526.9	36671.8	38423.7
7.5°	17962.7	20211.8	22510.6	25091.3	27779.9	30454.0	33279.4	36186.1	38979.5	41451.8	43499.9
5°	19757.6	22103.9	24432.9	27209.3	30175.8	33244.3	36443.2	39708.5	42724.4	45519.4	47787.8
2.5°	21157.0	23624.9	26019.7	29064.0	32194.3	35319.3	38581.2	42151.3	45515.4	48553.8	50779.4
0°	22011.4	24447.8	26761.7	30028.5	33248.5	36528.8	40126.1	43925.6	47468.4	50379.3	52547.4
-2.5°	21715.9	24093.1	26603.3	29812.1	33216.3	36497.2	40136.2	43970.6	47490.4	50448.4	52565.6
-5°	21310.2	23640.6	26181.2	29392.0	32714.3	35991.4	39579.2	43350.0	46806.9	49716.8	51721.9
-7.5°	20811.3	23060.6	25538.0	28651.9	31955.7	35236.7	38729.2	42297.0	45603.1	48495.6	50382.5
-10°	20221.5	22353.9	24804.7	27799.8	31078.4	34241.1	37559.6	41093.3	44411.2	47041.7	49066.8
-12.5°	19609.6	21687.1	23963.1	26796.7	29935.5	32875.9	36044.3	39447.1	42370.2	45060.4	46840.0
-15°	18908.9	20901.3	23035.4	25647.3	28492.0	31244.2	33996.4	36997.2	39664.5	42056.5	43947.6
-17.5°	18098.0	19985.7	21858.7	24207.2	26930.9	29389.1	31798.7	34411.8	36783.0	38979.1	40616.3
-20°	16977.9	18531.3	20331.0	22577.8	24937.2	27010.7	29209.3	31404.3	33515.2	35374.3	36760.6



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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°	15373.5	16885.0	18552.3	20389.9	22363.9	24268.4	26150.4	27946.4	29663.9	31210.9	32326.8
-25°	13665.7	15046.3	16551.3	18078.8	19655.0	21361.1	23011.8	24494.3	25906.6	27101.9	28021.0
-27.5°	11968.9	13274.5	14590.4	15823.0	17083.8	18508.9	19953.6	21194.8	22391.0	23327.3	24043.9
-30°	10453.3	11849.0	13007.7	13846.4	15068.2	16318.4	17255.1	18384.4	19326.7	19924.2	20694.3
-32.5°	9618.1	10670.8	11721.3	12583.7	13554.5	14651.4	15538.5	16461.0	17256.3	17898.5	18382.7
-35°	8856.2	9781.2	10668.9	11556.1	12422.9	13304.0	14121.6	14900.4	15605.7	16173.6	16622.3
-37.5°	8171.8	8972.4	9776.0	10541.3	11320.0	12056.5	12758.3	13430.0	14023.1	14534.9	14957.8
-40°	7480.8	8196.0	8902.7	9594.8	10275.7	10876.9	11480.4	12035.4	12535.9	12988.8	13358.6
-42.5°	6787.0	7425.2	8044.1	8671.9	9276.2	9798.0	10296.2	10755.0	11184.2	11570.2	11889.2
-45°	6104.8	6668.4	7213.8	7771.2	8280.7	8756.3	9190.6	9576.9	9945.7	10271.0	10539.1
-47.5°	5490.0	5949.0	6435.6	6911.5	7353.7	7782.1	8161.9	8501.9	8825.5	9100.9	9319.7
-50°	4918.5	5337.6	5747.9	6133.4	6546.7	6922.2	7243.7	7557.0	7851.2	8097.0	8281.7
-52.5°	4381.3	4768.0	5136.9	5496.6	5855.1	6189.3	6497.6	6784.2	7041.2	7266.5	7426.4
-55°	3956.0	4272.0	4570.8	4916.9	5246.0	5543.1	5819.2	6097.3	6345.1	6563.9	6697.6
-57.5°	3553.4	3838.5	4123.0	4422.1	4711.6	4990.7	5252.9	5496.6	5724.8	5929.6	6044.7
-60°	3194.0	3424.2	3694.8	3970.7	4233.1	4482.2	4728.3	4957.0	5169.1	5347.3	5449.0
-62.5°	2893.0	3111.6	3340.6	3571.1	3798.2	4030.0	4253.3	4465.7	4667.1	4829.4	4928.3
-65°	2627.6	2825.6	3025.7	3229.8	3436.8	3640.8	3831.0	4017.6	4199.6	4338.7	4427.8
-67.5°	2377.8	2548.1	2716.2	2890.0	3068.3	3244.3	3412.0	3577.4	3739.4	3851.6	3921.4
-70°	2103.9	2254.4	2399.1	2545.4	2691.0	2834.0	2972.7	3110.9	3247.5	3337.7	3397.3
-72.5°	1800.4	1926.0	2043.5	2160.4	2279.4	2397.0	2511.0	2621.9	2728.9	2798.7	2850.3
-75°	1472.6	1568.5	1659.8	1751.9	1844.1	1939.7	2033.9	2124.1	2210.1	2262.4	2302.5
-77.5°	1139.1	1206.8	1271.2	1336.0	1400.8	1474.8	1549.8	1622.6	1692.6	1729.6	1757.2
-80°	804.4	851.9	895.9	937.9	977.8	1025.0	1072.5	1118.6	1162.8	1183.9	1199.5
-82.5°	503.9	531.8	557.9	582.7	606.0	631.3	655.3	677.7	698.3	708.4	716.1
-85°	262.1	274.3	285.5	295.8	305.4	317.0	328.0	338.2	347.7	350.8	352.8
-87.5°	97.8	101.5	105.0	108.4	111.7	116.0	120.3	124.5	128.6	129.7	130.6
-90°	5.8	5.8	5.8	5.8	5.8	5.3	4.9	4.4	3.9	3.9	3.9



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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°	28.7	29.2	29.2	29.2	29.2	29.2	28.7	28.2	27.7	27.2	26.7
87.5°	13.5	11.7	10.7	9.7	10.7	11.7	13.5	15.4	17.2	18.9	16.4
85°	24.6	21.4	20.4	19.4	20.4	21.4	24.6	27.9	31.0	33.9	30.6
82.5°	26.3	25.3	25.3	25.3	25.3	25.3	26.3	27.3	28.5	29.9	31.3
80°	31.9	31.0	31.1	31.1	31.1	31.0	31.9	32.8	33.5	34.5	37.8
77.5°	35.9	35.0	35.0	35.0	35.0	35.0	35.9	36.7	37.6	38.9	43.8
75°	34.3	33.2	33.1	33.1	33.1	33.2	34.3	35.3	36.4	38.3	43.6
72.5°	30.0	29.4	29.2	29.2	29.2	29.4	30.0	30.8	31.7	33.6	38.2
70°	26.1	25.5	25.3	25.3	25.3	25.5	26.1	26.9	27.6	29.0	31.8
67.5°	23.5	23.4	23.3	23.3	23.3	23.4	23.5	23.7	24.1	25.1	26.8
65°	19.8	19.6	19.4	19.4	19.4	19.6	19.8	20.0	20.4	21.4	23.0
62.5°	18.3	17.7	16.7	15.6	16.7	17.7	18.3	18.8	19.3	19.9	20.8
60°	18.8	17.8	17.5	17.5	17.5	17.8	18.8	19.8	20.6	20.9	21.2
57.5°	20.0	19.5	19.4	19.4	19.4	19.5	20.0	20.6	21.3	22.7	23.5
55°	25.3	25.1	25.2	25.3	25.2	25.1	25.3	25.2	25.1	26.2	27.4
52.5°	35.1	34.8	34.8	35.0	34.8	34.8	35.1	35.0	34.3	33.8	33.2
50°	48.2	48.2	47.7	46.7	47.7	48.2	48.2	47.8	47.4	46.8	44.3
47.5°	81.1	79.8	78.5	77.8	78.5	79.8	81.1	79.9	78.1	74.4	66.2
45°	152.3	151.2	149.0	147.8	149.0	151.2	152.3	148.8	145.9	137.2	121.2
42.5°	272.7	270.6	265.5	262.5	265.5	270.6	272.7	266.5	262.8	248.5	228.4
40°	457.2	459.6	455.6	453.1	455.6	459.6	457.2	444.4	433.1	410.8	390.6
37.5°	702.7	713.0	711.6	707.8	711.6	713.0	702.7	681.3	654.5	612.7	585.3
35°	1000.7	1012.1	1006.3	1005.3	1006.3	1012.1	1000.7	982.1	941.6	868.5	849.2
32.5°	1481.6	1464.9	1402.2	1419.5	1402.2	1464.9	1481.6	1556.2	1456.9	1378.9	1403.7
30°	3201.9	3263.4	3087.9	2947.8	3087.9	3263.4	3201.9	3178.7	2834.9	2856.9	2679.8
27.5°	6044.5	6177.3	6152.4	6296.2	6152.4	6177.3	6044.5	6013.0	5694.8	5429.5	4924.0
25°	9530.2	9618.2	9623.8	9364.6	9623.8	9618.2	9530.2	9401.8	9074.6	8625.6	7910.0
22.5°	13431.3	13516.3	13671.2	13671.6	13671.2	13516.3	13431.3	13251.3	12765.1	12122.0	11251.1
20°	17661.1	17676.6	17972.6	17994.1	17972.6	17676.6	17661.1	17215.8	16575.2	15645.1	14575.3
17.5°	22733.3	22980.0	23380.3	23147.0	23380.3	22980.0	22733.3	22077.3	21145.3	19906.3	18406.1
15°	28580.5	29131.7	29559.6	29367.3	29559.6	29131.7	28580.5	27457.7	26271.1	24686.9	22979.0
12.5°	34322.9	35191.6	35605.3	35504.1	35605.3	35191.6	34322.9	33028.4	31400.5	29659.2	27547.5
10°	39788.8	41011.5	41450.8	41605.8	41450.8	41011.5	39788.8	38423.7	36671.8	34526.9	32072.7
7.5°	45028.8	46149.3	46815.2	46537.0	46815.2	46149.3	45028.8	43499.9	41451.8	38979.5	36186.1
5°	49234.4	50180.7	50718.6	50527.1	50718.6	50180.7	49234.4	47787.8	45519.4	42724.4	39708.5
2.5°	52212.7	53096.4	53562.7	53328.1	53562.7	53096.4	52212.7	50779.4	48553.8	45515.4	42151.3
0°	53914.3	54814.6	55342.5	55380.5	55342.5	54814.6	53914.3	52547.4	50379.3	47468.4	43925.6
-2.5°	53847.9	54483.9	54854.9	54665.9	54854.9	54483.9	53847.9	52565.6	50448.4	47490.4	43970.6
-5°	52720.6	53257.7	53450.3	53367.9	53450.3	53257.7	52720.6	51721.9	49716.8	46806.9	43350.0
-7.5°	51329.8	51725.9	51858.3	51759.9	51858.3	51725.9	51329.8	50382.5	48495.6	45603.1	42297.0
-10°	49984.3	50380.0	50447.2	50390.9	50447.2	50380.0	49984.3	49066.8	47041.7	44411.2	41093.3
-12.5°	48025.3	48454.3	48468.2	48337.6	48468.2	48454.3	48025.3	46840.0	45060.4	42370.2	39447.1
-15°	44970.1	45320.8	45377.4	45304.2	45377.4	45320.8	44970.1	43947.6	42056.5	39664.5	36997.2
-17.5°	41574.0	41806.2	42057.9	42338.9	42057.9	41806.2	41574.0	40616.3	38979.1	36783.0	34411.8
-20°	37496.6	37774.4	38071.3	38385.8	38071.3	37774.4	37496.6	36760.6	35374.3	33515.2	31404.3



REPORT NUMBER: P1305782 (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°	32914.1	33226.3	33530.8	33689.9	33530.8	33226.3	32914.1	32326.8	31210.9	29663.9	27946.4
-25°	28481.3	28861.5	29101.9	29246.8	29101.9	28861.5	28481.3	28021.0	27101.9	25906.6	24494.3
-27.5°	24417.6	24868.2	25090.1	25184.8	25090.1	24868.2	24417.6	24043.9	23327.3	22391.0	21194.8
-30°	20994.9	21271.7	21310.0	21453.3	21310.0	21271.7	20994.9	20694.3	19924.2	19326.7	18384.4
-32.5°	18738.5	19045.9	19232.7	19390.3	19232.7	19045.9	18738.5	18382.7	17898.5	17256.3	16461.0
-35°	16970.6	17249.1	17432.4	17508.0	17432.4	17249.1	16970.6	16622.3	16173.6	15605.7	14900.4
-37.5°	15276.2	15486.6	15614.7	15717.2	15614.7	15486.6	15276.2	14957.8	14534.9	14023.1	13430.0
-40°	13642.4	13851.1	13977.9	14011.9	13977.9	13851.1	13642.4	13358.6	12988.8	12535.9	12035.4
-42.5°	12117.6	12278.3	12388.6	12464.1	12388.6	12278.3	12117.6	11889.2	11570.2	11184.2	10755.0
-45°	10736.8	10878.4	10976.6	11036.8	10976.6	10878.4	10736.8	10539.1	10271.0	9945.7	9576.9
-47.5°	9480.9	9594.9	9673.1	9718.5	9673.1	9594.9	9480.9	9319.7	9100.9	8825.5	8501.9
-50°	8419.4	8521.2	8593.4	8637.3	8593.4	8521.2	8419.4	8281.7	8097.0	7851.2	7557.0
-52.5°	7551.4	7650.4	7723.1	7770.1	7723.1	7650.4	7551.4	7426.4	7266.5	7041.2	6784.2
-55°	6808.5	6899.5	6965.3	7007.9	6965.3	6899.5	6808.5	6697.6	6563.9	6345.1	6097.3
-57.5°	6142.5	6222.8	6278.6	6313.7	6278.6	6222.8	6142.5	6044.7	5929.6	5724.8	5496.6
-60°	5535.8	5608.2	5659.5	5695.4	5659.5	5608.2	5535.8	5449.0	5347.3	5169.1	4957.0
-62.5°	5015.8	5091.8	5132.5	5154.8	5132.5	5091.8	5015.8	4928.3	4829.4	4667.1	4465.7
-65°	4509.6	4583.0	4622.6	4645.3	4622.6	4583.0	4509.6	4427.8	4338.7	4199.6	4017.6
-67.5°	3983.1	4036.0	4076.2	4106.7	4076.2	4036.0	3983.1	3921.4	3851.6	3739.4	3577.4
-70°	3448.6	3491.4	3492.8	3480.6	3492.8	3491.4	3448.6	3397.3	3337.7	3247.5	3110.9
-72.5°	2895.0	2932.5	2942.3	2942.0	2942.3	2932.5	2895.0	2850.3	2798.7	2728.9	2621.9
-75°	2337.1	2365.8	2385.1	2397.5	2385.1	2365.8	2337.1	2302.5	2262.4	2210.1	2124.1
-77.5°	1779.7	1797.0	1813.1	1823.9	1813.1	1797.0	1779.7	1757.2	1729.6	1692.6	1622.6
-80°	1211.3	1219.4	1221.2	1219.2	1221.2	1219.4	1211.3	1199.5	1183.9	1162.8	1118.6
-82.5°	721.6	724.9	721.4	715.6	721.4	724.9	721.6	716.1	708.4	698.3	677.7
-85°	353.9	354.1	353.4	351.9	353.4	354.1	353.9	352.8	350.8	347.7	338.2
-87.5°	131.3	131.8	134.0	136.1	134.0	131.8	131.3	130.6	129.7	128.6	124.5
-90°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.4



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	26.3	25.8	25.3	24.3	23.4	22.4	21.4	20.4	19.5	18.5	17.5
87.5°	13.9	11.6	9.3	9.7	10.0	10.4	10.6	10.1	9.5	9.0	8.6
85°	27.3	24.0	20.8	21.1	21.4	21.5	21.6	21.2	20.5	19.6	18.6
82.5°	32.4	33.0	33.3	35.7	37.7	39.0	39.8	39.9	39.4	38.1	35.9
80°	40.8	43.5	46.3	51.5	56.0	59.7	62.6	64.5	65.7	66.1	64.2
77.5°	48.4	52.7	57.6	65.3	72.5	79.2	84.9	88.3	90.2	91.3	88.9
75°	49.0	54.6	61.9	72.8	83.2	93.1	100.2	104.9	108.8	112.1	109.6
72.5°	43.1	48.5	57.3	70.7	84.7	96.9	107.3	116.2	123.4	128.9	124.3
70°	35.2	39.1	47.4	60.0	73.2	87.1	101.9	117.4	133.2	143.5	135.3
67.5°	28.8	31.0	37.3	47.0	58.6	71.7	86.9	104.5	121.4	137.9	134.8
65°	24.6	26.3	30.6	37.2	45.5	55.6	67.3	81.8	99.9	118.5	120.2
62.5°	21.9	23.1	26.1	30.2	35.4	42.0	51.0	63.2	77.2	88.8	94.8
60°	21.4	21.7	23.9	26.3	29.1	33.2	40.8	49.3	58.6	68.5	73.6
57.5°	23.6	24.0	25.4	26.5	27.2	30.2	34.9	40.4	48.8	55.1	58.8
55°	28.6	30.3	31.5	31.5	30.9	32.2	33.4	36.3	42.5	48.4	53.7
52.5°	32.7	36.1	39.0	41.0	41.1	39.7	37.2	38.1	41.6	47.5	52.4
50°	42.5	46.5	48.2	48.5	52.7	52.8	49.7	45.7	51.4	54.1	54.4
47.5°	67.5	71.8	67.7	66.4	74.0	72.0	68.9	68.6	75.3	69.9	67.6
45°	126.2	126.1	115.3	118.7	116.4	112.8	100.5	111.1	113.0	106.8	88.1
42.5°	229.2	218.9	205.6	209.5	204.7	188.2	167.5	172.9	169.4	155.9	144.8
40°	374.0	348.2	336.0	332.1	323.4	299.8	280.3	252.1	242.9	222.4	219.0
37.5°	551.8	512.5	501.1	478.5	460.5	455.7	425.0	373.7	328.5	348.1	323.2
35°	771.8	736.1	729.5	672.1	630.7	718.1	637.0	535.2	511.9	559.8	477.9
32.5°	1126.3	1282.3	1142.2	1018.9	1159.2	1179.1	1028.1	785.7	905.2	902.8	754.2
30°	2403.5	2433.3	2247.4	1904.9	2110.1	2061.5	1622.6	1564.5	1530.4	1369.5	1119.7
27.5°	4642.8	4160.3	3886.3	3701.2	3406.5	3246.7	2894.8	2531.3	2327.9	2033.6	1640.5
25°	7377.6	6700.4	6093.0	5708.0	5201.2	4687.7	4271.7	3758.4	3318.0	2846.3	2295.0
22.5°	10328.5	9529.6	8693.0	7915.8	7209.8	6494.9	5760.0	5027.6	4403.5	3790.0	3088.5
20°	13466.6	12477.4	11358.7	10389.2	9419.9	8408.7	7391.7	6507.7	5697.9	4830.6	3942.6
17.5°	17162.8	15701.7	14316.5	13060.4	11763.5	10472.2	9408.8	8296.9	7117.5	5926.5	4829.6
15°	21151.4	19379.2	17665.2	15968.8	14346.8	12937.4	11605.7	10191.2	8669.6	7142.0	5837.8
12.5°	25372.1	23145.2	21012.1	19045.1	17249.1	15531.8	13874.2	12173.9	10328.9	8517.2	7019.8
10°	29481.3	26873.5	24487.2	22222.1	20117.6	18125.0	16053.3	13996.0	11908.9	9873.2	8161.0
7.5°	33279.4	30454.0	27779.9	25091.3	22510.6	20211.8	17962.7	15703.2	13420.4	11157.3	9253.6
5°	36443.2	33244.3	30175.8	27209.3	24432.9	22103.9	19757.6	17319.3	14843.9	12359.7	10287.4
2.5°	38581.2	35319.3	32194.3	29064.0	26019.7	23624.9	21157.0	18546.8	15837.9	13153.3	10958.6
0°	40126.1	36528.8	33248.5	30028.5	26761.7	24447.8	22011.4	19400.0	16549.4	13780.5	11556.0
-2.5°	40136.2	36497.2	33216.3	29812.1	26603.3	24093.1	21715.9	19187.2	16552.0	13892.5	11692.3
-5°	39579.2	35991.4	32714.3	29392.0	26181.2	23640.6	21310.2	18893.4	16432.9	13905.0	11747.3
-7.5°	38729.2	35236.7	31955.7	28651.9	25538.0	23060.6	20811.3	18546.5	16216.6	13831.6	11727.7
-10°	37559.6	34241.1	31078.4	27799.8	24804.7	22353.9	20221.5	18116.4	15909.5	13659.5	11633.8
-12.5°	36044.3	32875.9	29935.5	26796.7	23963.1	21687.1	19609.6	17608.5	15529.2	13392.0	11469.0
-15°	33996.4	31244.2	28492.0	25647.3	23035.4	20901.3	18908.9	16958.1	14906.5	12933.2	11237.3
-17.5°	31798.7	29389.1	26930.9	24207.2	21858.7	19985.7	18098.0	16144.3	14117.6	12182.3	10626.3
-20°	29209.3	27010.7	24937.2	22577.8	20331.0	18531.3	16977.9	15199.0	13170.2	11368.5	9893.2



REPORT NUMBER: P1305782 (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°	26150.4	24268.4	22363.9	20389.9	18552.3	16885.0	15373.5	13838.4	12060.5	10430.1	9090.3
-25°	23011.8	21361.1	19655.0	18078.8	16551.3	15046.3	13665.7	12255.3	10848.7	9454.2	8235.4
-27.5°	19953.6	18508.9	17083.8	15823.0	14590.4	13274.5	11968.9	10763.8	9678.1	8561.2	7413.6
-30°	17255.1	16318.4	15068.2	13846.4	13007.7	11849.0	10453.3	9592.2	8728.0	7764.3	6743.1
-32.5°	15538.5	14651.4	13554.5	12583.7	11721.3	10670.8	9618.1	8605.8	7912.6	7083.8	6230.4
-35°	14121.6	13304.0	12422.9	11556.1	10668.9	9781.2	8856.2	8008.6	7218.7	6469.3	5747.2
-37.5°	12758.3	12056.5	11320.0	10541.3	9776.0	8972.4	8171.8	7392.0	6618.7	5948.6	5308.4
-40°	11480.4	10876.9	10275.7	9594.8	8902.7	8196.0	7480.8	6758.3	6089.0	5454.4	4880.6
-42.5°	10296.2	9798.0	9276.2	8671.9	8044.1	7425.2	6787.0	6154.0	5556.1	4998.7	4471.3
-45°	9190.6	8756.3	8280.7	7771.2	7213.8	6668.4	6104.8	5567.9	5047.5	4551.3	4056.3
-47.5°	8161.9	7782.1	7353.7	6911.5	6435.6	5949.0	5490.0	5009.2	4558.3	4103.3	3675.9
-50°	7243.7	6922.2	6546.7	6133.4	5747.9	5337.6	4918.5	4484.9	4089.7	3707.2	3314.9
-52.5°	6497.6	6189.3	5855.1	5496.6	5136.9	4768.0	4381.3	4034.5	3682.5	3342.0	2996.5
-55°	5819.2	5543.1	5246.0	4916.9	4570.8	4272.0	3956.0	3633.9	3319.0	3002.0	2717.8
-57.5°	5252.9	4990.7	4711.6	4422.1	4123.0	3838.5	3553.4	3260.3	2987.0	2723.9	2459.9
-60°	4728.3	4482.2	4233.1	3970.7	3694.8	3424.2	3194.0	2951.2	2695.6	2471.9	2247.2
-62.5°	4253.3	4030.0	3798.2	3571.1	3340.6	3111.6	2893.0	2679.0	2462.2	2249.1	2057.7
-65°	3831.0	3640.8	3436.8	3229.8	3025.7	2825.6	2627.6	2434.4	2250.2	2071.4	1885.2
-67.5°	3412.0	3244.3	3068.3	2890.0	2716.2	2548.1	2377.8	2209.9	2041.1	1876.5	1702.9
-70°	2972.7	2834.0	2691.0	2545.4	2399.1	2254.4	2103.9	1952.3	1805.5	1660.0	1506.3
-72.5°	2511.0	2397.0	2279.4	2160.4	2043.5	1926.0	1800.4	1669.1	1542.2	1420.3	1294.5
-75°	2033.9	1939.7	1844.1	1751.9	1659.8	1568.5	1472.6	1368.2	1266.2	1167.2	1066.1
-77.5°	1549.8	1474.8	1400.8	1336.0	1271.2	1206.8	1139.1	1059.7	981.5	904.4	825.8
-80°	1072.5	1025.0	977.8	937.9	895.9	851.9	804.4	747.0	690.1	637.3	587.1
-82.5°	655.3	631.3	606.0	582.7	557.9	531.8	503.9	470.8	437.8	405.0	371.8
-85°	328.0	317.0	305.4	295.8	285.5	274.3	262.1	247.3	231.8	215.4	198.1
-87.5°	120.3	116.0	111.7	108.4	105.0	101.5	97.8	92.5	87.2	81.9	76.6
-90°	4.9	5.3	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8



REPORT NUMBER: P1305782 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	17.0	16.6	16.1	15.6	15.1	14.6	14.1	13.6	13.1	12.7	12.2
87.5°	10.3	11.8	13.2	14.4	13.8	13.1	12.5	11.9	11.9	11.8	11.6
85°	19.0	19.6	20.4	21.4	20.1	18.4	17.2	16.0	16.0	15.8	15.4
82.5°	32.5	30.8	29.9	29.3	28.8	27.7	26.0	23.6	21.1	19.8	19.2
80°	57.3	51.0	45.5	40.9	38.2	37.1	35.7	33.1	27.7	23.9	21.8
77.5°	79.6	71.0	63.2	55.5	48.9	44.3	41.8	40.3	33.9	27.8	23.7
75°	99.4	88.2	77.8	67.9	58.4	50.8	45.3	41.5	36.3	31.1	25.4
72.5°	112.5	101.2	90.4	78.9	66.6	56.5	48.5	42.6	37.3	32.0	26.6
70°	122.5	111.4	99.9	86.8	73.6	61.4	51.3	44.3	38.2	32.8	27.3
67.5°	129.3	115.9	104.5	93.3	79.8	66.3	53.7	46.0	39.8	33.5	28.0
65°	116.0	111.5	105.9	94.2	82.9	70.8	57.3	48.2	41.2	34.8	28.5
62.5°	98.8	99.4	96.0	92.2	83.1	71.9	60.9	51.7	42.9	36.0	29.4
60°	77.3	81.9	85.0	83.6	79.7	71.6	62.2	55.0	45.8	37.1	30.4
57.5°	64.0	65.8	70.6	74.1	73.0	68.5	63.0	56.7	48.4	39.1	31.4
55°	55.4	58.2	60.0	62.9	65.5	63.3	62.5	57.6	50.5	41.2	32.7
52.5°	55.2	56.1	56.5	55.7	56.9	58.9	59.8	58.6	51.5	43.0	34.9
50°	57.5	62.4	59.1	55.2	50.8	54.0	57.5	57.0	52.6	44.5	37.2
47.5°	67.8	74.8	70.6	59.4	52.7	50.0	54.5	55.3	53.6	45.5	39.5
45°	95.7	94.7	88.3	74.5	57.9	53.5	51.9	53.8	52.4	47.9	41.8
42.5°	133.7	128.3	114.7	92.5	80.9	61.0	49.9	52.2	51.4	50.7	44.3
40°	200.6	172.4	149.1	135.4	115.5	70.7	57.2	51.1	50.9	53.4	46.9
37.5°	279.0	236.7	196.3	197.2	162.9	110.1	66.7	50.6	53.9	55.7	49.8
35°	393.2	318.8	293.7	281.1	231.2	156.4	77.5	54.3	58.2	58.8	52.8
32.5°	524.6	478.5	461.6	387.4	311.1	209.5	109.5	69.8	63.7	62.4	56.1
30°	834.6	761.0	682.2	510.5	406.3	284.1	161.9	85.6	70.4	66.7	59.4
27.5°	1334.3	1095.8	953.7	710.4	522.8	369.5	227.6	101.8	78.2	71.8	62.7
25°	1873.6	1538.8	1277.8	963.2	650.0	501.5	301.4	119.8	90.1	78.0	66.3
22.5°	2482.7	2017.7	1636.9	1246.3	851.9	654.7	396.4	177.7	103.9	84.8	70.2
20°	3100.1	2503.6	2045.2	1595.7	1115.2	828.7	515.8	238.9	117.5	92.0	74.3
17.5°	3746.0	3121.3	2602.9	1994.7	1410.2	1012.0	645.1	302.4	130.9	99.6	78.5
15°	4733.7	3907.5	3201.8	2430.1	1702.5	1202.0	781.3	366.9	144.1	107.5	87.1
12.5°	5760.2	4708.2	3826.4	2890.9	1989.4	1395.4	921.1	431.1	156.9	123.9	101.4
10°	6760.7	5512.7	4464.7	3365.0	2267.6	1589.0	1061.1	515.7	195.4	147.3	115.9
7.5°	7726.6	6309.3	5103.4	3839.4	2556.2	1843.4	1314.8	647.1	239.0	171.0	130.5
5°	8595.1	7008.2	5706.4	4336.9	2949.7	2156.7	1585.7	777.8	283.1	194.9	145.1
2.5°	9179.1	7541.3	6260.9	4801.6	3325.3	2458.2	1848.9	903.8	326.9	218.3	159.3
0°	9697.1	8022.9	6770.6	5222.8	3678.9	2745.6	2096.1	1020.8	369.4	241.1	173.1
-2.5°	9828.1	8142.1	6928.0	5480.5	3976.5	3008.3	2319.3	1201.5	507.1	326.3	227.2
-5°	9890.3	8221.1	7045.6	5695.7	4246.3	3253.1	2515.7	1366.6	640.0	409.2	279.9
-7.5°	9903.6	8284.5	7108.2	5850.5	4486.2	3478.5	2683.0	1513.7	765.4	488.4	330.5
-10°	9858.2	8309.9	7091.0	5810.3	4501.2	3571.4	2794.6	1640.8	880.8	562.7	378.1
-12.5°	9752.7	8277.0	7031.9	5720.8	4447.7	3537.0	2722.5	1688.9	980.0	630.9	422.1
-15°	9590.2	8181.7	6930.8	5580.4	4360.5	3480.0	2640.7	1696.4	1040.6	690.7	461.8
-17.5°	9289.1	8020.8	6788.4	5387.8	4238.5	3399.3	2553.6	1693.6	1092.5	742.1	499.6
-20°	8650.0	7611.9	6593.0	5142.3	4080.8	3294.3	2465.0	1681.9	1135.2	786.7	534.9



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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°	7971.6	7033.5	6072.1	4926.4	3914.5	3164.2	2378.6	1662.3	1168.3	823.8	565.0
-25°	7243.6	6446.1	5524.7	4573.6	3753.4	3029.5	2313.4	1635.9	1191.6	853.0	589.7
-27.5°	6562.0	5853.7	5010.1	4225.4	3525.5	2909.9	2262.9	1652.5	1210.8	873.8	608.4
-30°	5912.1	5297.6	4598.0	3904.4	3294.6	2751.8	2209.1	1659.2	1231.1	891.2	621.1
-32.5°	5443.1	4800.0	4223.6	3642.0	3092.4	2584.6	2105.2	1653.4	1240.0	903.4	630.9
-35°	5071.9	4431.4	3874.2	3382.7	2897.6	2427.8	1982.2	1635.0	1237.4	907.1	635.7
-37.5°	4688.3	4115.3	3596.2	3142.5	2697.2	2264.5	1879.0	1555.2	1223.1	902.1	634.2
-40°	4330.6	3803.9	3336.9	2919.3	2506.8	2095.2	1768.0	1475.3	1205.9	888.4	626.5
-42.5°	3960.0	3501.8	3083.4	2691.7	2316.6	1964.1	1652.5	1390.2	1147.8	870.7	612.5
-45°	3610.8	3196.8	2826.7	2478.3	2128.8	1826.2	1553.0	1302.4	1081.1	847.0	595.0
-47.5°	3256.2	2909.6	2581.6	2261.5	1970.1	1689.1	1448.4	1224.2	1011.1	814.5	575.8
-50°	2939.8	2635.7	2348.2	2073.8	1805.1	1569.3	1344.0	1142.5	947.0	757.5	550.7
-52.5°	2670.0	2388.1	2138.7	1894.1	1666.1	1444.6	1250.4	1058.6	880.1	704.0	520.0
-55°	2427.0	2167.5	1945.7	1735.8	1530.4	1335.5	1153.5	981.6	810.6	650.5	484.8
-57.5°	2218.2	1968.5	1776.7	1588.2	1406.9	1229.7	1061.8	902.0	745.3	594.5	452.8
-60°	2022.2	1810.2	1618.0	1454.5	1290.2	1127.6	972.1	822.6	679.3	537.8	412.6
-62.5°	1859.3	1657.3	1479.1	1327.2	1178.1	1030.0	881.4	746.2	610.9	485.1	368.3
-65°	1697.6	1515.5	1342.7	1207.9	1070.2	930.3	794.7	667.2	544.6	429.7	324.8
-67.5°	1532.0	1369.4	1219.6	1089.9	957.3	828.4	704.8	587.5	476.5	371.7	286.5
-70°	1356.6	1217.6	1084.0	958.3	838.0	721.8	610.4	505.5	405.7	321.9	246.4
-72.5°	1166.0	1044.1	929.5	820.2	711.4	608.5	512.0	422.7	343.0	270.2	204.5
-75°	961.3	859.5	762.8	669.7	578.0	492.0	416.3	345.9	278.3	216.7	166.6
-77.5°	742.2	662.6	587.5	517.7	447.5	382.3	322.3	266.7	214.7	169.9	129.4
-80°	530.9	475.9	422.3	369.8	317.8	270.1	232.4	196.0	157.8	122.9	91.4
-82.5°	332.2	298.8	268.0	238.2	208.5	180.1	153.1	127.2	99.8	74.9	60.4
-85°	178.8	160.0	141.9	124.4	106.4	89.3	80.8	72.5	62.4	53.1	44.5
-87.5°	72.8	69.0	65.2	61.3	56.6	52.0	47.5	43.2	37.8	32.9	28.4
-90°	6.3	6.8	7.3	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	11.7	11.2	10.7	10.2	9.7	8.8	7.8
87.5°	11.3	10.4	9.7	9.0	8.5	8.1	7.8
85°	14.8	13.0	11.5	10.2	9.2	8.4	7.8
82.5°	18.3	15.6	13.3	11.4	9.8	8.7	7.8
80°	21.3	18.2	15.1	12.6	10.5	9.0	7.8
77.5°	21.7	19.8	16.9	13.7	11.2	9.3	7.8
75°	22.0	19.9	18.3	14.8	11.8	9.6	7.8
72.5°	22.3	20.0	18.2	15.9	12.4	9.8	7.8
70°	22.6	20.0	18.1	16.8	13.0	10.1	7.8
67.5°	23.4	19.9	17.9	16.5	13.6	10.4	7.8
65°	24.1	20.2	17.7	16.3	14.2	10.6	7.8
62.5°	24.9	20.9	17.5	16.0	14.8	10.9	7.8
60°	25.6	21.6	17.2	15.8	15.3	11.1	7.8
57.5°	26.8	22.2	17.7	15.5	15.2	11.4	7.8
55°	28.0	22.8	18.2	15.2	15.1	11.6	7.8
52.5°	29.3	23.5	18.7	14.8	15.0	11.8	7.8
50°	30.5	24.6	19.2	14.5	15.0	12.0	7.8
47.5°	31.9	25.7	19.6	14.3	14.9	12.2	7.8
45°	33.9	26.8	20.1	14.6	14.9	12.4	7.8
42.5°	35.9	27.8	20.5	14.9	14.9	12.6	7.8
40°	37.8	28.8	21.1	15.5	14.9	12.7	7.8
37.5°	39.7	29.9	21.8	16.3	15.0	12.9	7.8
35°	41.5	31.2	22.6	17.1	15.1	13.0	7.8
32.5°	43.5	32.6	23.3	18.0	15.2	13.1	7.8
30°	46.0	33.9	23.9	18.9	15.3	13.3	7.8
27.5°	48.5	35.2	25.8	19.8	15.4	13.4	7.8
25°	51.1	36.4	28.0	20.7	15.6	13.4	7.8
22.5°	53.6	38.6	30.3	21.6	15.8	13.5	7.8
20°	56.1	43.5	32.6	22.6	15.9	13.6	7.8
17.5°	62.6	48.6	34.9	23.5	16.1	13.6	7.8
15°	71.7	53.9	37.3	24.4	16.3	13.7	7.8
12.5°	81.0	59.3	39.7	25.3	16.5	13.7	7.8
10°	90.4	64.8	42.0	26.2	16.7	13.7	7.8
7.5°	99.7	70.2	44.3	27.0	16.9	13.7	7.8
5°	108.9	75.5	46.5	27.8	17.1	13.7	7.8
2.5°	117.8	80.7	48.6	28.5	17.3	13.6	7.8
0°	126.4	85.6	50.6	29.2	17.5	13.6	7.8
-2.5°	159.2	103.9	60.4	33.5	18.8	13.8	7.8
-5°	191.0	121.7	70.0	37.7	20.0	14.1	7.8
-7.5°	221.5	138.7	79.2	41.7	21.2	14.3	7.8
-10°	250.2	154.8	87.8	45.5	22.4	14.5	7.8
-12.5°	276.7	169.6	95.9	49.1	23.5	14.7	7.8
-15°	300.6	183.2	103.2	52.3	24.5	14.9	7.8
-17.5°	321.5	195.2	109.7	55.2	25.4	15.0	7.8
-20°	341.9	205.4	115.3	57.7	26.3	15.2	7.8



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	363.7	213.8	120.0	59.8	27.1	15.3	7.8
-25°	381.7	224.8	123.6	61.4	27.7	15.3	7.8
-27.5°	395.8	235.3	126.0	62.5	28.3	15.4	7.8
-30°	405.7	243.2	127.6	63.0	28.7	15.4	7.8
-32.5°	411.3	248.4	131.6	63.1	29.0	15.4	7.8
-35°	415.7	250.7	133.9	62.5	29.2	15.4	7.8
-37.5°	417.3	251.3	134.7	61.4	29.3	15.3	7.8
-40°	414.6	251.4	133.8	59.8	29.2	15.3	7.8
-42.5°	407.6	248.9	132.6	58.1	29.0	15.2	7.8
-45°	396.3	243.8	131.4	57.1	28.6	15.0	7.8
-47.5°	380.6	236.1	128.7	55.3	28.1	14.9	7.8
-50°	366.1	225.8	124.7	54.7	27.5	14.7	7.8
-52.5°	348.8	213.0	119.3	54.1	26.7	14.5	7.8
-55°	328.0	202.1	112.6	52.9	25.9	14.2	7.8
-57.5°	303.7	190.1	104.6	51.1	24.8	13.9	7.8
-60°	277.1	176.1	95.6	48.6	23.7	13.6	7.8
-62.5°	254.6	160.3	89.2	45.6	22.9	13.3	7.8
-65°	229.8	142.8	81.8	42.0	21.9	13.0	7.8
-67.5°	202.6	126.3	73.5	38.0	20.9	12.6	7.8
-70°	173.4	110.7	64.3	33.5	19.8	12.3	7.8
-72.5°	147.4	94.0	54.3	30.6	18.7	11.9	7.8
-75°	120.6	76.2	43.7	28.0	17.5	11.4	7.8
-77.5°	92.4	57.4	37.6	25.2	16.3	11.0	7.8
-80°	63.1	45.4	32.5	22.4	15.0	10.6	7.8
-82.5°	49.0	37.1	27.2	19.4	13.7	10.1	7.8
-85°	36.7	28.6	21.8	16.4	12.4	9.7	7.8
-87.5°	24.3	19.9	16.3	13.3	11.1	9.2	7.8
-90°	7.8	7.8	7.8	7.8	7.8	7.8	7.8

(END OF REPORT)