

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: P1305783 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680R-40-80-7F-CV5-A**

Issue Date: 2/3/2026

Test Information

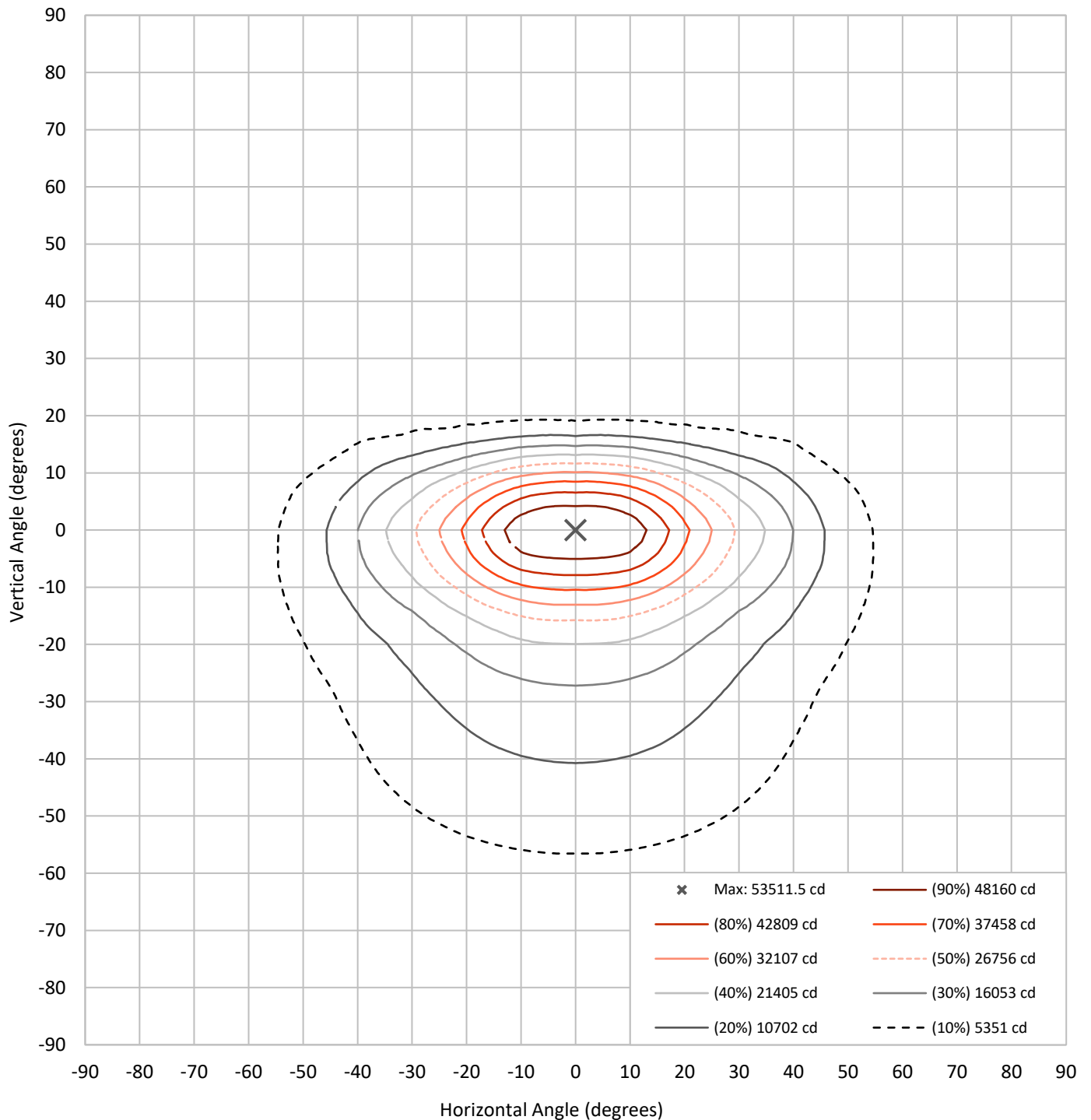
Test Method: LM-79-08
Report Number: P1305783 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-42)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680R-40-80-7F-CV5-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 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:	36006 lumens	Max Intensity:	53511.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	52.3 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:	14310.2 lumens	Field Lumens:	31686 lumens
Beam Efficiency:	39.7%	Field Efficiency:	88.0%
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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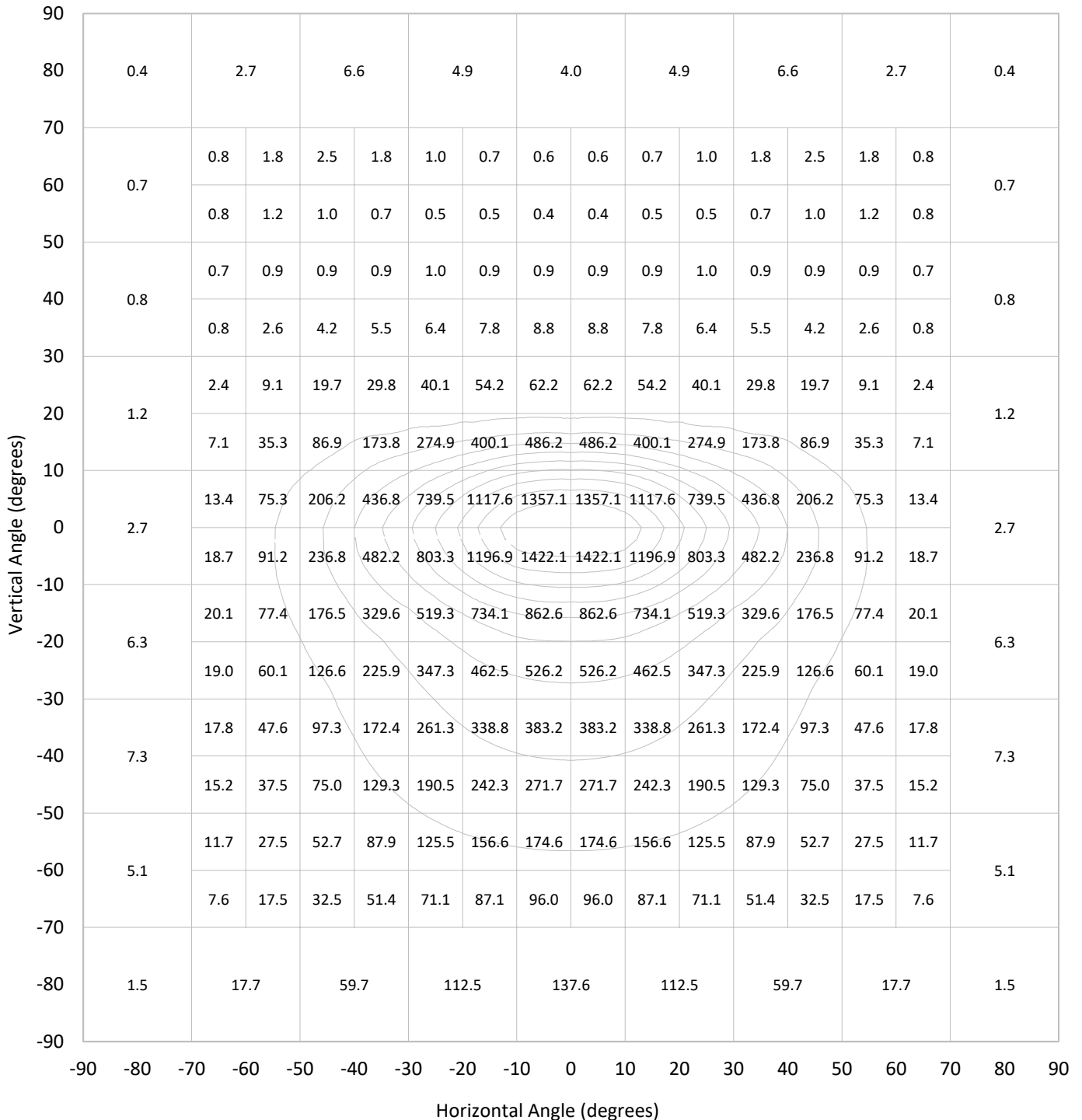
Iso-Candela Plot





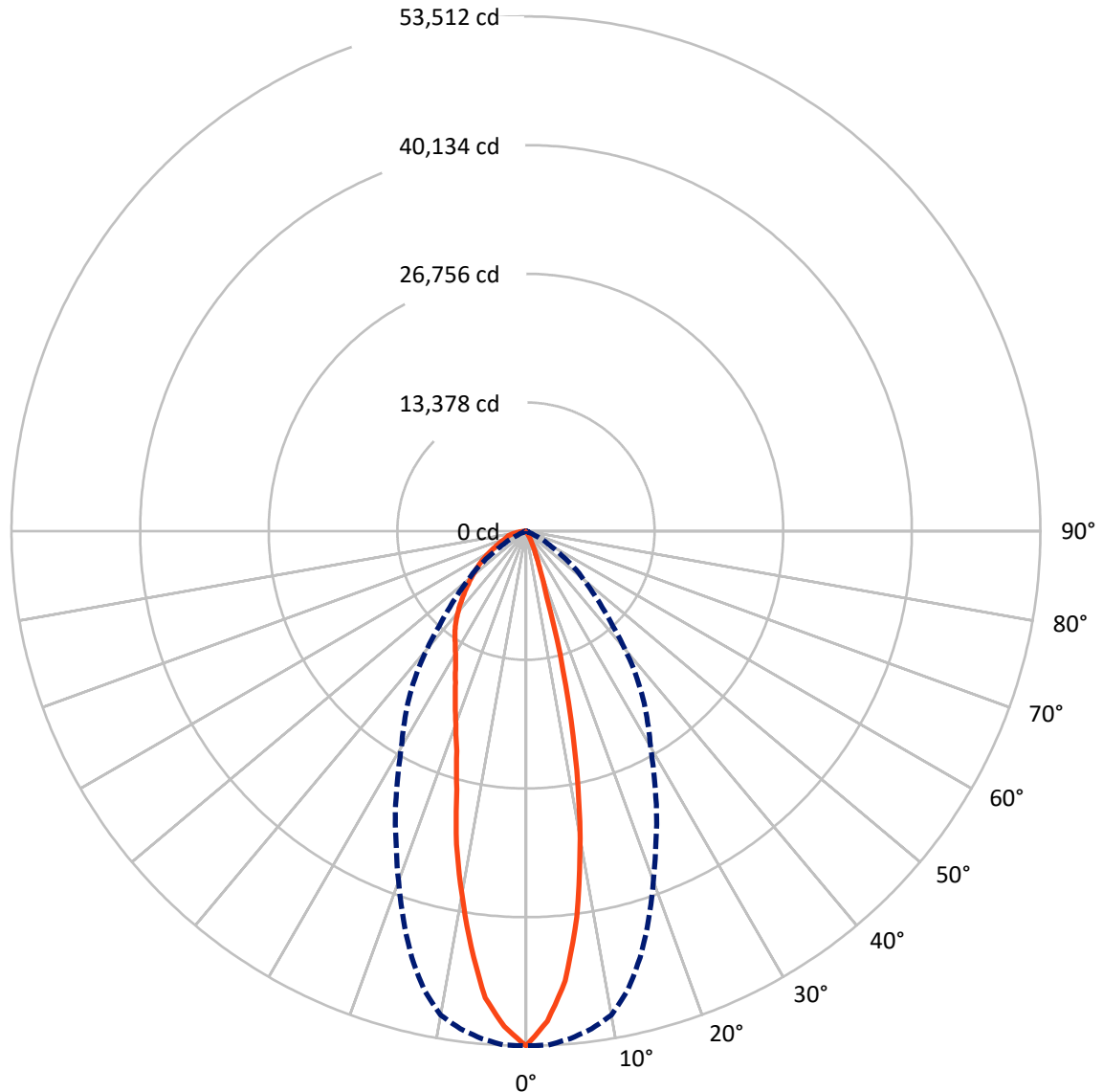
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Lumen Table



REPORT NUMBER: P1305783 (CONVERTED FROM TYPE C PHOTOMETRY)
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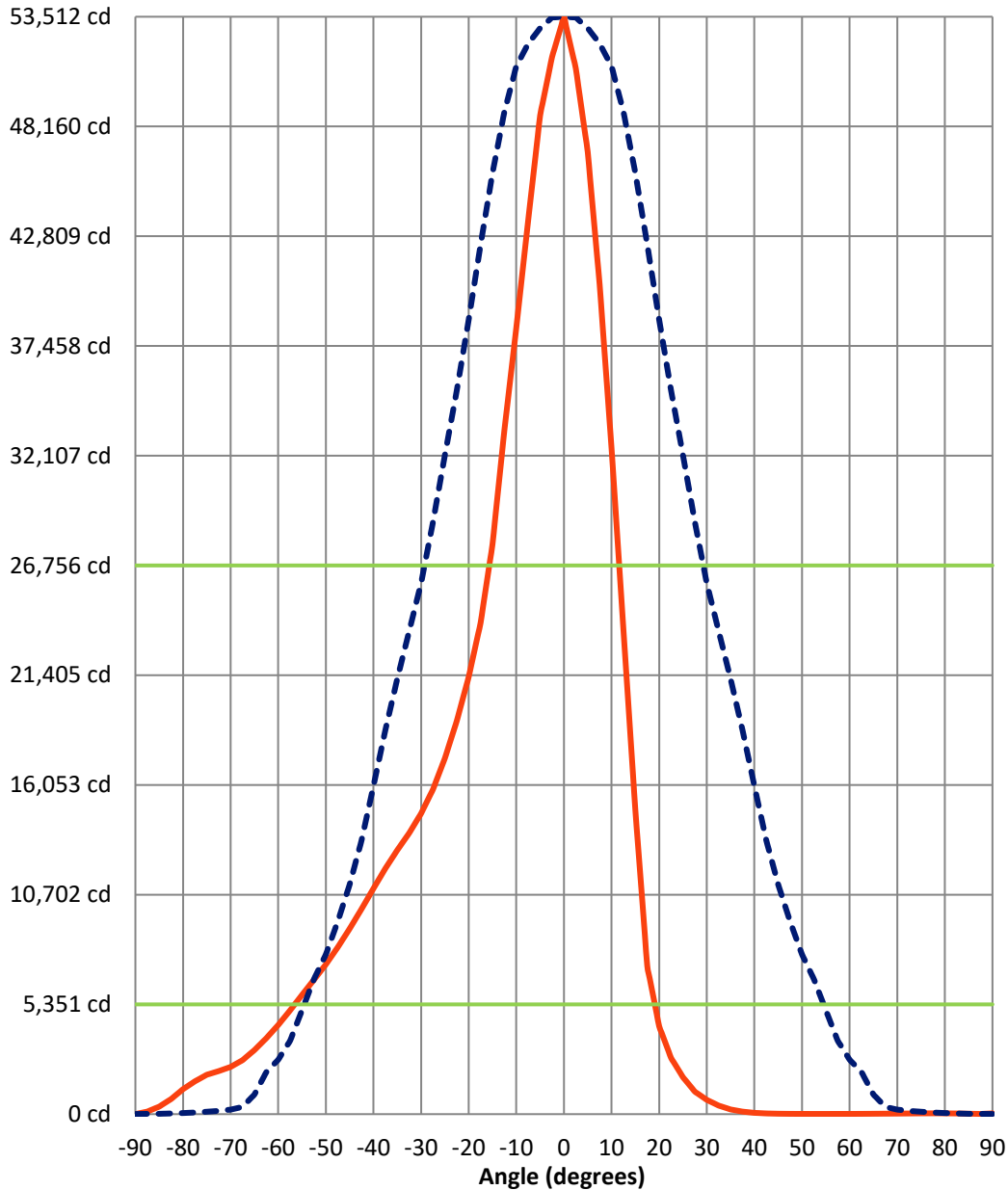
Luminous Intensity Polar Plot



— 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: 14310.2
 Efficiency: 39.7%

Field:
 H Angle: 109.1°
 V Angle: 75.6°
 Lumens: 31686
 Efficiency: 88.0%

Spill:
 Lumens: 4320
 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°	7.8	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	8.6	9.3	10.0	10.8	11.8	12.0	12.1	12.1	11.9
85°	7.8	8.5	9.5	10.7	12.2	13.9	15.8	16.3	16.4	16.4	16.0
82.5°	7.8	8.8	10.3	12.1	14.3	16.9	19.7	20.5	20.9	22.5	25.2
80°	7.8	9.1	11.1	13.6	16.4	19.8	23.4	24.5	27.0	31.3	37.2
77.5°	7.8	9.5	12.0	15.0	18.5	22.1	25.2	28.1	32.9	39.8	46.6
75°	7.8	9.8	12.7	16.3	20.3	23.0	26.9	31.6	38.1	43.7	49.4
72.5°	7.8	10.1	13.5	17.7	20.6	23.9	28.5	34.3	39.9	45.9	52.0
70°	7.8	10.4	14.3	18.7	20.9	24.7	29.9	35.6	41.6	47.9	54.0
67.5°	7.8	10.7	15.0	18.6	21.1	25.3	31.1	36.9	43.2	49.5	55.7
65°	7.8	11.0	15.7	18.5	21.3	26.2	32.2	38.1	44.5	50.9	57.9
62.5°	7.8	11.3	16.3	18.4	21.3	27.2	33.4	39.1	45.7	52.5	61.2
60°	7.8	11.5	17.0	18.2	21.3	28.3	34.5	40.1	46.8	55.0	64.2
57.5°	7.8	11.8	16.8	17.9	22.1	29.3	35.8	41.1	48.4	57.3	65.3
55°	7.8	12.0	16.7	17.6	23.0	30.3	37.1	42.4	50.0	58.8	65.5
52.5°	7.8	12.3	16.5	17.3	23.8	31.3	38.6	44.2	51.4	58.9	65.6
50°	7.8	12.5	16.4	16.9	24.6	32.7	40.0	46.1	52.1	58.8	62.4
47.5°	7.8	12.7	16.3	16.7	25.4	34.0	41.6	47.9	52.0	58.6	59.2
45°	7.8	12.9	16.3	17.2	26.2	35.4	43.2	49.8	53.1	56.3	56.5
42.5°	7.8	13.0	16.2	17.7	26.9	36.7	44.8	51.4	54.6	54.4	53.9
40°	7.8	13.2	16.2	18.6	27.7	38.1	46.4	52.7	55.9	53.0	51.6
37.5°	7.8	13.3	16.2	19.6	28.7	39.4	48.0	54.3	56.9	54.4	49.7
35°	7.8	13.5	16.2	20.6	29.7	40.7	49.5	55.9	58.5	56.8	50.0
32.5°	7.8	13.6	16.2	21.7	30.7	41.9	51.0	57.6	60.4	60.5	59.8
30°	7.8	13.7	16.3	22.7	31.6	43.0	52.3	59.4	62.8	65.4	72.1
27.5°	7.8	13.7	16.3	23.8	33.5	44.1	53.7	61.2	66.1	71.5	86.6
25°	7.8	13.8	16.4	24.8	35.6	45.1	55.1	63.3	70.8	81.8	104.9
22.5°	7.8	13.8	16.5	25.8	37.7	46.8	56.4	65.6	76.2	94.9	164.5
20°	7.8	13.9	16.6	26.8	39.8	50.5	57.8	68.0	82.0	109.0	232.5
17.5°	7.8	13.9	16.7	27.8	41.9	54.4	62.8	70.5	88.3	123.9	307.1
15°	7.8	13.9	16.8	28.7	43.9	58.3	70.3	77.6	94.9	139.3	386.5
12.5°	7.8	13.9	17.0	29.6	45.9	62.4	78.2	90.8	110.2	155.0	468.5
10°	7.8	13.8	17.1	30.4	47.8	66.4	86.4	104.4	132.4	192.0	560.2
7.5°	7.8	13.8	17.2	31.2	49.6	70.4	94.6	118.3	155.1	232.6	669.5
5°	7.8	13.7	17.3	31.9	51.4	74.4	102.8	132.2	177.7	273.4	774.4
2.5°	7.8	13.7	17.4	32.5	53.0	78.1	110.9	146.0	200.0	313.4	872.3
0°	7.8	13.6	17.5	33.1	54.4	81.7	118.6	159.4	221.7	351.9	960.6
-2.5°	7.8	13.9	18.9	37.1	63.6	99.4	149.6	210.5	299.2	458.8	1068.7
-5°	7.8	14.2	20.2	41.1	72.4	116.7	179.7	260.3	374.7	562.1	1164.6
-7.5°	7.8	14.4	21.5	44.8	81.0	133.2	208.6	308.1	447.0	660.4	1248.4
-10°	7.8	14.7	22.7	48.3	89.0	148.8	235.9	353.3	515.2	752.5	1320.6
-12.5°	7.8	14.9	23.9	51.6	96.5	163.4	261.2	395.0	578.2	833.7	1349.9
-15°	7.8	15.1	25.0	54.5	103.3	176.6	284.1	432.8	629.6	883.0	1356.3
-17.5°	7.8	15.3	26.0	57.2	109.3	188.3	304.3	465.5	668.9	925.9	1356.4
-20°	7.8	15.5	27.0	59.4	114.5	198.4	323.3	493.9	703.4	962.3	1351.5



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 CATALOG NUMBER: EPH-08-680R-40-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.8	15.6	27.8	61.3	118.8	206.6	342.5	518.3	733.1	991.6	1342.6
-25°	7.8	15.7	28.5	62.7	122.1	217.1	358.8	538.3	757.5	1013.7	1330.7
-27.5°	7.8	15.8	29.2	63.7	124.3	227.3	372.1	553.9	776.6	1031.9	1349.0
-30°	7.8	15.8	29.7	64.2	125.8	235.3	382.3	564.7	791.8	1050.1	1359.7
-32.5°	7.8	15.9	30.1	64.2	129.9	240.9	389.2	574.4	801.9	1061.2	1361.2
-35°	7.8	15.8	30.3	63.7	132.5	244.1	394.6	580.7	805.6	1065.3	1353.2
-37.5°	7.8	15.8	30.4	62.7	133.5	245.5	397.2	582.5	802.8	1062.2	1309.0
-40°	7.8	15.7	30.4	61.1	133.0	246.0	396.2	579.7	793.4	1052.3	1262.7
-42.5°	7.8	15.6	30.3	59.6	132.0	244.0	391.6	572.3	782.8	1009.7	1210.0
-45°	7.8	15.5	30.0	58.6	130.8	239.5	383.2	561.2	768.8	958.6	1151.2
-47.5°	7.8	15.3	29.5	56.8	128.2	232.4	371.3	546.4	748.3	903.3	1088.7
-50°	7.8	15.1	29.0	56.2	124.2	222.9	358.2	526.8	704.0	852.2	1021.1
-52.5°	7.8	14.9	28.3	55.7	118.9	210.9	341.9	502.4	657.1	796.5	949.5
-55°	7.8	14.7	27.4	54.5	112.2	200.2	322.3	473.8	607.6	736.3	880.2
-57.5°	7.8	14.4	26.5	52.8	104.3	188.2	299.3	443.3	555.3	675.0	805.9
-60°	7.8	14.1	25.4	50.5	95.4	174.2	273.9	402.9	501.5	611.3	729.0
-62.5°	7.8	13.7	24.4	47.7	89.6	158.4	251.4	358.4	450.6	544.6	652.6
-65°	7.8	13.4	23.4	44.4	82.9	141.0	226.5	315.3	398.2	483.6	573.0
-67.5°	7.8	13.0	22.3	40.7	75.3	125.1	199.3	277.7	344.6	423.1	501.3
-70°	7.8	12.6	21.1	36.5	66.9	111.1	170.0	239.4	301.4	361.3	432.6
-72.5°	7.8	12.1	19.8	33.4	57.9	96.0	146.3	200.4	257.8	313.0	366.1
-75°	7.8	11.7	18.5	30.5	48.2	79.9	122.2	165.6	213.6	264.4	313.4
-77.5°	7.8	11.2	17.1	27.4	41.7	63.0	96.8	131.5	170.3	214.1	260.1
-80°	7.8	10.7	15.7	24.1	35.8	50.8	70.5	96.3	125.9	159.6	197.2
-82.5°	7.8	10.3	14.2	20.7	29.7	41.1	55.0	66.6	80.7	103.9	130.1
-85°	7.8	9.8	12.7	17.3	23.5	31.3	40.7	48.6	57.1	66.2	75.9
-87.5°	7.8	9.3	11.2	13.7	17.1	21.3	26.3	30.4	34.9	39.7	44.8
-90°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8



REPORT NUMBER: P1305783 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	14.1	14.6	15.1	15.6	17.1	18.5	20.0	21.4	23.8	26.3	28.7
87.5°	12.7	13.6	14.6	15.6	14.9	14.0	13.0	11.9	12.8	13.7	14.7
85°	17.6	19.4	21.9	23.9	23.8	23.9	24.3	24.9	26.5	27.9	29.0
82.5°	28.5	31.1	32.9	34.1	35.8	38.1	41.2	45.8	48.3	50.0	50.9
80°	40.7	42.9	44.6	47.9	53.6	60.3	67.6	75.4	78.1	78.3	77.6
77.5°	48.8	52.0	57.3	64.6	73.3	81.7	90.9	100.6	103.4	102.8	101.3
75°	54.1	60.4	68.4	78.3	88.9	99.7	111.1	121.6	124.6	121.5	117.3
72.5°	58.2	66.5	77.2	90.3	102.1	113.2	125.0	137.5	141.8	135.0	126.5
70°	61.1	71.7	84.5	98.2	111.8	123.7	134.8	146.8	153.6	142.1	125.4
67.5°	63.6	76.6	90.5	104.7	117.0	128.4	140.9	144.8	146.5	129.0	111.0
65°	67.1	81.0	93.8	106.3	119.5	123.3	125.9	128.6	125.8	105.9	86.3
62.5°	70.6	82.2	94.4	104.0	107.2	109.1	106.9	101.7	94.7	81.0	64.9
60°	71.7	81.9	89.8	92.7	93.6	89.6	83.4	77.2	69.9	58.5	47.5
57.5°	72.0	77.2	80.3	80.9	77.1	70.6	64.6	56.6	50.5	43.3	34.4
55°	70.3	69.3	70.7	68.3	62.9	56.1	49.0	43.5	36.2	32.0	26.8
52.5°	65.5	62.7	61.4	57.5	51.4	45.2	39.4	34.1	30.0	25.3	22.0
50°	61.2	57.5	53.4	48.6	44.0	39.8	33.3	29.6	26.1	22.4	19.5
47.5°	57.2	52.8	46.7	42.8	42.3	39.7	33.4	27.6	24.4	24.3	21.6
45°	53.6	50.0	42.9	43.7	45.0	44.9	40.4	27.0	30.0	30.6	29.1
42.5°	50.6	49.1	51.0	46.5	53.8	57.8	54.3	45.2	40.2	44.6	46.4
40°	51.0	50.2	67.2	66.8	67.8	78.4	83.4	77.0	59.2	70.2	75.2
37.5°	53.0	70.6	91.7	98.6	92.5	110.5	121.4	128.8	114.9	105.9	121.5
35°	56.3	96.1	127.6	142.3	143.1	153.5	181.7	193.3	184.0	169.9	182.4
32.5°	73.5	126.6	169.9	195.0	218.0	228.7	253.9	265.7	275.8	275.9	270.6
30°	110.1	166.7	219.1	253.3	308.7	359.1	348.2	350.7	387.9	425.8	444.2
27.5°	172.4	216.6	273.9	335.6	420.3	518.4	535.8	486.1	536.7	606.7	668.8
25°	250.8	367.1	332.3	433.9	574.8	710.8	783.0	817.4	748.3	850.1	997.0
22.5°	359.2	558.0	559.8	540.9	748.4	938.5	1116.6	1287.1	1375.4	1264.7	1417.5
20°	505.4	762.1	844.4	935.6	1008.2	1197.4	1504.8	1877.1	2218.0	2411.0	2322.6
17.5°	673.2	985.0	1173.8	1418.1	1659.5	1762.8	1958.6	2568.2	3230.1	3793.5	4096.5
15°	858.0	1223.1	1530.0	1950.2	2384.4	2711.6	3050.8	3574.6	4448.2	5412.1	6183.8
12.5°	1054.5	1472.5	1906.5	2520.6	3165.5	3703.6	4308.4	5104.9	6112.8	7315.2	8572.1
10°	1257.0	1728.7	2295.7	3116.4	3986.4	4725.3	5590.7	6635.5	7922.4	9420.5	11000.3
7.5°	1471.5	1979.3	2679.3	3723.8	4828.9	5761.3	6880.3	8151.7	9713.4	11494.1	13398.6
5°	1679.3	2215.8	2999.1	4212.3	5512.6	6635.7	8055.2	9632.9	11464.2	13512.4	15756.9
2.5°	1873.1	2442.3	3302.0	4659.3	6067.5	7233.4	8753.3	10449.7	12515.4	14930.3	17526.2
0°	2047.5	2656.1	3583.6	5071.1	6580.1	7789.5	9393.7	11198.1	13350.7	16001.0	18729.0
-2.5°	2123.1	2767.7	3710.5	5132.5	6567.3	7799.6	9343.2	11183.9	13259.8	15786.7	18462.6
-5°	2176.6	2861.9	3810.6	5154.7	6512.1	7763.2	9235.4	11085.1	12971.0	15218.7	17616.1
-7.5°	2210.4	2936.7	3882.8	5116.9	6332.3	7478.1	8758.8	10334.3	12053.9	14054.6	16165.3
-10°	2217.5	2928.7	3774.4	4870.6	5983.0	7033.5	8174.8	9543.0	11080.6	12830.3	14665.3
-12.5°	2148.6	2847.6	3621.6	4606.7	5621.3	6571.7	7571.0	8733.4	10066.0	11570.2	13194.7
-15°	2073.9	2755.9	3457.4	4331.6	5256.1	6100.5	6957.9	7922.0	9104.3	10474.7	11875.6
-17.5°	1997.1	2655.0	3285.1	4051.5	4895.6	5627.2	6377.7	7293.3	8352.7	9507.5	10647.8
-20°	1921.7	2546.4	3108.0	3771.8	4545.3	5236.1	5968.0	6772.5	7661.9	8603.0	9509.6



REPORT NUMBER: P1305783 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1850.8	2431.7	2944.2	3537.3	4244.3	4906.7	5560.4	6251.6	6988.2	7750.1	8706.7
-25°	1803.3	2321.6	2801.2	3351.1	3961.7	4573.1	5149.7	5743.9	6377.9	7220.6	8106.7
-27.5°	1773.9	2227.9	2675.7	3164.3	3691.2	4243.9	4765.8	5289.9	5996.7	6755.0	7539.2
-30°	1744.9	2134.6	2544.8	2987.6	3467.3	3946.7	4396.1	4988.2	5647.2	6341.0	7038.4
-32.5°	1689.8	2036.7	2425.6	2835.4	3259.3	3674.4	4143.5	4725.9	5330.3	5940.3	6569.8
-35°	1621.4	1950.2	2308.6	2680.7	3060.7	3471.3	3946.9	4459.6	5014.9	5582.3	6203.6
-37.5°	1561.7	1856.2	2187.4	2534.3	2890.4	3294.7	3731.9	4211.0	4717.0	5247.7	5840.8
-40°	1495.5	1754.9	2072.6	2397.9	2732.3	3110.1	3522.0	3957.2	4423.1	4930.5	5462.7
-42.5°	1424.5	1674.4	1954.4	2257.9	2575.8	2921.4	3295.4	3704.7	4139.4	4601.3	5088.9
-45°	1358.6	1587.7	1834.2	2117.6	2411.7	2726.0	3072.8	3440.2	3852.1	4277.4	4716.7
-47.5°	1285.4	1497.3	1730.8	1967.9	2243.3	2533.1	2840.5	3188.1	3552.0	3947.0	4352.5
-50°	1206.4	1407.6	1613.0	1830.0	2071.0	2335.8	2616.6	2929.4	3266.3	3611.2	3976.0
-52.5°	1125.1	1310.1	1495.9	1689.2	1904.2	2139.5	2394.9	2671.7	2974.8	3291.2	3606.0
-55°	1038.5	1209.3	1374.6	1550.4	1737.8	1947.4	2173.0	2419.8	2674.1	2962.2	3239.5
-57.5°	951.0	1101.3	1251.7	1411.3	1578.3	1753.8	1959.3	2168.3	2397.6	2634.5	2865.5
-60°	860.4	991.6	1125.4	1269.5	1420.4	1579.4	1746.7	1933.3	2127.5	2319.1	2522.6
-62.5°	766.5	882.2	1000.0	1123.5	1259.1	1402.2	1551.7	1707.3	1867.4	2034.1	2198.5
-65°	675.8	773.9	876.7	984.8	1093.5	1224.7	1357.0	1487.9	1627.9	1762.9	1894.6
-67.5°	583.5	676.5	763.0	847.3	947.6	1060.2	1164.1	1282.7	1400.0	1510.9	1618.3
-70°	507.1	581.5	660.8	737.2	816.1	912.0	1013.9	1108.2	1197.0	1290.1	1390.6
-72.5°	433.5	505.3	571.6	632.6	712.6	802.3	886.0	963.8	1048.4	1136.8	1218.2
-75°	366.1	428.7	493.5	553.5	620.0	698.3	782.6	861.9	933.8	1005.4	1079.5
-77.5°	301.2	348.3	402.8	464.3	530.3	591.2	657.8	729.6	796.9	865.1	937.5
-80°	231.2	264.8	301.8	344.4	393.6	447.3	505.0	566.3	620.1	669.5	718.3
-82.5°	155.6	181.2	207.1	233.2	260.6	289.6	321.5	360.6	395.4	430.4	465.9
-85°	86.1	96.9	114.6	132.6	147.8	163.9	180.9	198.7	215.3	231.4	247.3
-87.5°	50.2	55.9	61.8	67.9	72.0	75.9	79.7	83.3	88.0	92.5	96.9
-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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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	31.1	31.6	32.1	32.6	33.1	34.6	36.0	37.5	38.9	38.4	37.9
87.5°	15.7	15.5	15.2	15.0	14.7	16.1	17.7	19.2	20.8	19.1	17.3
85°	29.9	30.0	30.1	30.0	29.8	31.8	33.8	35.8	37.7	34.8	31.7
82.5°	51.3	50.4	48.7	46.2	43.2	42.5	41.6	40.5	39.0	37.4	35.9
80°	76.2	72.6	67.8	62.3	56.2	52.9	49.8	46.4	42.6	41.5	40.6
77.5°	98.2	91.6	83.5	74.8	65.5	59.9	55.1	50.2	45.1	44.0	43.6
75°	112.2	103.6	91.9	79.8	67.3	59.4	53.6	48.1	42.6	41.0	40.3
72.5°	116.5	104.5	90.9	75.7	61.0	51.7	46.4	41.6	37.4	35.6	34.8
70°	109.0	93.1	77.9	63.4	49.8	41.2	37.5	34.3	31.5	30.3	29.8
67.5°	92.1	75.4	61.3	49.0	39.2	32.9	30.8	28.8	27.1	25.9	25.1
65°	70.0	56.9	46.6	38.4	32.2	28.3	26.6	25.0	23.4	22.1	21.2
62.5°	51.4	41.9	35.8	31.1	27.5	24.9	23.3	21.9	20.7	19.8	19.0
60°	38.8	32.2	28.4	25.5	23.2	21.5	20.5	19.6	18.8	18.0	17.2
57.5°	29.6	25.6	22.8	21.4	20.3	19.6	18.8	17.9	17.0	16.2	15.4
55°	23.4	21.3	19.7	19.3	18.9	18.2	17.3	16.5	15.6	14.4	13.5
52.5°	19.6	19.4	19.4	19.1	18.5	18.0	17.4	16.2	15.0	13.8	13.1
50°	19.4	19.5	19.6	19.2	18.7	18.1	17.6	16.7	16.0	15.1	14.6
47.5°	20.2	20.4	21.5	19.7	19.4	20.0	19.6	18.9	18.6	18.2	17.7
45°	23.7	27.8	28.9	27.4	24.1	26.8	25.8	22.8	24.6	24.4	22.9
42.5°	42.3	46.6	50.1	47.9	41.1	43.3	43.3	38.6	39.9	40.1	38.4
40°	80.6	79.0	84.6	82.4	74.9	72.1	75.3	70.0	69.0	71.6	68.5
37.5°	132.7	133.6	131.2	131.5	128.8	121.6	125.9	124.4	120.0	128.4	129.3
35°	207.5	214.0	193.7	201.7	205.2	197.3	202.2	216.4	207.3	226.9	232.2
32.5°	307.7	321.0	311.4	302.2	317.5	329.6	335.3	365.3	373.4	391.1	412.1
30°	431.2	465.8	493.2	476.1	474.2	517.2	542.0	582.3	621.5	644.9	687.8
27.5°	688.1	677.5	742.5	761.8	718.9	787.7	881.1	898.8	1017.9	1027.6	1110.9
25°	1087.5	1081.9	1101.5	1196.0	1219.9	1254.4	1414.6	1499.2	1635.8	1709.7	1773.5
22.5°	1623.8	1775.4	1801.2	1757.8	1965.3	2100.9	2145.8	2389.3	2500.8	2667.1	2717.1
20°	2294.6	2647.1	3092.4	3099.4	3014.1	3404.9	3566.8	3694.8	3967.1	4156.8	4285.4
17.5°	4053.2	4050.4	4960.0	5462.5	5405.6	5687.0	6483.1	6401.0	7044.2	7434.1	7450.5
15°	6634.0	7115.1	7692.3	8603.8	9379.6	10004.9	10760.8	11748.4	12548.2	13487.6	14200.7
12.5°	9586.7	10534.1	11521.9	12561.7	13779.2	15161.8	16665.5	17982.0	19548.0	20918.4	22335.5
10°	12545.1	14045.6	15439.9	16993.7	18724.2	20565.9	22771.2	24698.0	27014.5	29046.2	30381.8
7.5°	15257.9	17057.9	18942.3	21201.0	23616.4	25929.1	28425.7	31128.2	33838.3	36185.7	38179.1
5°	17909.4	19932.9	22021.6	24509.6	27269.9	30167.7	33257.1	36453.2	39293.0	41967.1	44294.6
2.5°	19989.4	22307.3	24693.5	27506.9	30476.7	33413.4	36506.0	39946.7	43249.4	46376.9	48768.0
0°	21225.7	23551.3	25892.4	28873.3	32134.1	35290.0	38737.5	42400.9	45887.3	48877.9	51094.6
-2.5°	20733.2	22998.4	25364.0	28308.9	31450.5	34391.0	37685.0	41233.6	44610.3	47639.1	49939.8
-5°	19619.8	21652.1	23820.6	26543.5	29482.5	32403.9	35633.2	39009.0	41922.1	44610.5	46673.2
-7.5°	18054.0	19928.9	21951.3	24472.3	27175.0	29726.2	32365.8	35089.2	37740.2	40039.5	41736.6
-10°	16391.1	18088.3	19829.2	21850.9	24154.3	26381.0	28608.2	31092.3	33277.0	35175.3	36575.0
-12.5°	14723.5	16117.7	17491.1	19036.9	21013.5	23017.5	24943.8	27026.8	28767.0	30333.0	31578.1
-15°	13122.8	14208.1	15250.3	16746.5	18487.0	19967.0	21152.4	23038.9	24220.2	25612.3	26482.9
-17.5°	11634.9	12501.6	13768.1	15054.3	16296.1	17512.4	18880.0	19997.0	21156.5	22293.5	23041.7
-20°	10464.3	11536.3	12606.7	13652.8	14719.5	15880.5	16963.1	18018.6	19029.1	19903.0	20502.8



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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°	9702.2	10653.9	11555.0	12496.3	13535.5	14510.4	15425.1	16397.1	17261.1	17913.6	18401.6
-25°	8970.6	9798.2	10674.9	11616.6	12495.9	13316.4	14158.8	14909.1	15646.4	16189.6	16646.3
-27.5°	8311.0	9096.2	9960.0	10794.6	11578.4	12345.3	13061.1	13682.6	14296.8	14731.4	15185.5
-30°	7737.4	8532.6	9318.2	10060.2	10796.3	11491.1	12122.3	12712.4	13227.8	13651.0	14031.7
-32.5°	7304.0	8025.2	8724.7	9418.9	10116.6	10757.2	11309.7	11876.5	12350.6	12756.4	13101.2
-35°	6875.6	7553.6	8200.2	8836.3	9478.5	10096.1	10631.0	11124.6	11591.3	11954.5	12270.4
-37.5°	6457.7	7090.0	7688.3	8260.3	8847.9	9417.3	9905.2	10368.8	10786.0	11121.7	11421.4
-40°	6036.8	6616.0	7150.9	7683.9	8211.8	8688.9	9147.6	9574.6	9932.1	10241.5	10514.3
-42.5°	5602.0	6111.9	6594.4	7082.2	7564.4	7986.6	8391.4	8775.1	9079.3	9353.5	9589.7
-45°	5165.5	5614.2	6056.3	6494.6	6891.3	7281.1	7648.0	7972.0	8246.3	8489.1	8693.9
-47.5°	4745.3	5126.7	5531.2	5930.9	6271.7	6605.4	6926.3	7200.9	7439.2	7651.6	7831.8
-50°	4325.5	4665.8	5018.6	5361.6	5674.2	5967.0	6236.0	6475.9	6693.1	6876.7	7031.3
-52.5°	3909.8	4225.8	4527.4	4806.3	5090.3	5359.5	5609.7	5819.5	6009.8	6179.6	6315.9
-55°	3513.0	3792.5	4074.5	4311.9	4541.5	4765.7	4974.1	5161.5	5334.0	5490.0	5612.1
-57.5°	3112.7	3356.4	3592.1	3805.0	4011.0	4208.9	4377.7	4524.6	4662.2	4788.3	4896.0
-60°	2726.4	2929.5	3128.5	3306.3	3477.8	3642.5	3786.3	3911.3	4022.0	4119.7	4208.1
-62.5°	2363.6	2538.2	2696.8	2840.3	2974.6	3108.8	3231.4	3339.5	3433.4	3513.7	3582.9
-65°	2030.2	2174.6	2301.5	2420.3	2531.8	2644.9	2743.3	2832.1	2911.1	2977.6	3030.8
-67.5°	1733.7	1846.7	1952.3	2044.4	2139.2	2235.5	2324.5	2402.2	2469.2	2522.3	2563.7
-70°	1483.7	1575.2	1669.9	1761.6	1851.9	1934.6	2011.6	2080.4	2141.6	2187.3	2223.8
-72.5°	1292.8	1370.0	1457.3	1549.8	1635.5	1717.8	1796.1	1868.9	1936.7	1980.2	2014.2
-75°	1155.7	1235.4	1313.5	1390.6	1466.5	1538.9	1611.8	1686.1	1761.2	1805.5	1841.1
-77.5°	1004.2	1060.1	1118.2	1181.1	1248.1	1313.0	1376.5	1439.1	1500.5	1531.4	1554.8
-80°	769.9	814.5	858.2	902.4	946.9	992.6	1038.6	1084.4	1129.2	1150.0	1165.5
-82.5°	501.8	532.4	561.5	589.5	616.2	639.1	660.5	680.4	698.7	707.7	713.8
-85°	262.8	276.3	289.0	301.0	312.3	319.3	325.3	330.4	334.6	340.2	345.1
-87.5°	101.2	105.0	108.7	112.3	115.8	117.6	119.1	120.4	121.5	123.3	125.0
-90°	7.8	7.3	6.8	6.3	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°	37.4	36.9	37.9	38.9	37.9	36.9	37.4	37.9	38.4	38.9	37.5
87.5°	15.5	13.6	12.6	11.7	12.6	13.6	15.5	17.3	19.1	20.8	19.2
85°	28.5	25.2	23.3	21.4	23.3	25.2	28.5	31.7	34.8	37.7	35.8
82.5°	34.4	33.0	33.1	33.1	33.1	33.0	34.4	35.9	37.4	39.0	40.5
80°	39.7	38.8	38.9	38.9	38.9	38.8	39.7	40.6	41.5	42.6	46.4
77.5°	43.2	42.7	41.8	40.8	41.8	42.7	43.2	43.6	44.0	45.1	50.2
75°	39.6	39.0	38.9	38.9	38.9	39.0	39.6	40.3	41.0	42.6	48.1
72.5°	34.0	33.3	33.1	33.1	33.1	33.3	34.0	34.8	35.6	37.4	41.6
70°	29.5	29.3	28.3	27.2	28.3	29.3	29.5	29.8	30.3	31.5	34.3
67.5°	24.4	23.6	23.3	23.3	23.3	23.6	24.4	25.1	25.9	27.1	28.8
65°	20.4	19.7	19.4	19.4	19.4	19.7	20.4	21.2	22.1	23.4	25.0
62.5°	18.4	17.7	16.7	15.6	16.7	17.7	18.4	19.0	19.8	20.7	21.9
60°	16.5	15.8	14.8	13.6	14.8	15.8	16.5	17.2	18.0	18.8	19.6
57.5°	14.6	13.9	13.6	13.6	13.6	13.9	14.6	15.4	16.2	17.0	17.9
55°	12.8	12.0	11.7	11.7	11.7	12.0	12.8	13.5	14.4	15.6	16.5
52.5°	12.5	11.9	11.7	11.7	11.7	11.9	12.5	13.1	13.8	15.0	16.2
50°	14.2	13.8	13.6	13.6	13.6	13.8	14.2	14.6	15.1	16.0	16.7
47.5°	17.0	16.1	15.6	15.6	15.6	16.1	17.0	17.7	18.2	18.6	18.9
45°	22.4	21.7	21.3	21.4	21.3	21.7	22.4	22.9	24.4	24.6	22.8
42.5°	38.7	37.6	36.0	35.0	36.0	37.6	38.7	38.4	40.1	39.9	38.6
40°	68.7	67.2	64.9	64.2	64.9	67.2	68.7	68.5	71.6	69.0	70.0
37.5°	131.1	130.0	125.8	124.4	125.8	130.0	131.1	129.3	128.4	120.0	124.4
35°	231.8	233.5	229.5	229.4	229.5	233.5	231.8	232.2	226.9	207.3	216.4
32.5°	419.1	423.6	411.8	418.1	411.8	423.6	419.1	412.1	391.1	373.4	365.3
30°	686.4	701.7	694.9	698.1	694.9	701.7	686.4	687.8	644.9	621.5	582.3
27.5°	1119.1	1130.5	1106.9	1098.6	1106.9	1130.5	1119.1	1110.9	1027.6	1017.9	898.8
25°	1809.5	1816.6	1793.6	1802.5	1793.6	1816.6	1809.5	1773.5	1709.7	1635.8	1499.2
22.5°	2818.7	2791.6	2766.0	2741.7	2766.0	2791.6	2818.7	2717.1	2667.1	2500.8	2389.3
20°	4404.9	4342.7	4334.3	4287.5	4334.3	4342.7	4404.9	4285.4	4156.8	3967.1	3694.8
17.5°	7848.2	7961.1	7710.4	7225.6	7710.4	7961.1	7848.2	7450.5	7434.1	7044.2	6401.0
15°	14620.7	15151.3	15379.3	14822.6	15379.3	15151.3	14620.7	14200.7	13487.6	12548.2	11748.4
12.5°	23117.7	23491.3	23943.7	23613.6	23943.7	23491.3	23117.7	22335.5	20918.4	19548.0	17982.0
10°	31529.2	32088.5	32773.3	32464.7	32773.3	32088.5	31529.2	30381.8	29046.2	27014.5	24698.0
7.5°	39276.1	40239.7	40841.4	40454.5	40841.4	40239.7	39276.1	38179.1	36185.7	33838.3	31128.2
5°	45887.6	46649.4	47012.2	46912.0	47012.2	46649.4	45887.6	44294.6	41967.1	39293.0	36453.2
2.5°	50127.6	50931.7	51256.8	50986.7	51256.8	50931.7	50127.6	48768.0	46376.9	43249.4	39946.7
0°	52200.0	52953.5	53470.7	53511.5	53470.7	52953.5	52200.0	51094.6	48877.9	45887.3	42400.9
-2.5°	51002.4	51460.3	51707.6	51542.8	51707.6	51460.3	51002.4	49939.8	47639.1	44610.3	41233.6
-5°	47865.8	48350.0	48507.1	48699.0	48507.1	48350.0	47865.8	46673.2	44610.5	41922.1	39009.0
-7.5°	42691.3	43222.5	43614.2	43597.7	43614.2	43222.5	42691.3	41736.6	40039.5	37740.2	35089.2
-10°	37615.9	38010.6	38419.2	38350.6	38419.2	38010.6	37615.9	36575.0	35175.3	33277.0	31092.3
-12.5°	32586.0	33244.4	33404.4	33356.2	33404.4	33244.4	32586.0	31578.1	30333.0	28767.0	27026.8
-15°	27473.9	27961.8	27921.7	27792.2	27921.7	27961.8	27473.9	26482.9	25612.3	24220.2	23038.9
-17.5°	23689.1	23958.1	24060.9	23959.6	24060.9	23958.1	23689.1	23041.7	22293.5	21156.5	19997.0
-20°	20996.0	21203.9	21273.9	21321.0	21273.9	21203.9	20996.0	20502.8	19903.0	19029.1	18018.6



REPORT NUMBER: P1305783 (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°	18821.9	19034.2	19095.7	19176.3	19095.7	19034.2	18821.9	18401.6	17913.6	17261.1	16397.1
-25°	16998.6	17206.1	17276.3	17356.2	17276.3	17206.1	16998.6	16646.3	16189.6	15646.4	14909.1
-27.5°	15490.0	15692.5	15776.9	15837.6	15776.9	15692.5	15490.0	15185.5	14731.4	14296.8	13682.6
-30°	14302.1	14501.5	14622.1	14661.2	14622.1	14501.5	14302.1	14031.7	13651.0	13227.8	12712.4
-32.5°	13359.5	13533.6	13646.9	13704.5	13646.9	13533.6	13359.5	13101.2	12756.4	12350.6	11876.5
-35°	12520.0	12694.8	12812.6	12872.3	12812.6	12694.8	12520.0	12270.4	11954.5	11591.3	11124.6
-37.5°	11661.5	11851.9	11976.5	11979.8	11976.5	11851.9	11661.5	11421.4	11121.7	10786.0	10368.8
-40°	10714.5	10865.4	10964.2	11003.7	10964.2	10865.4	10714.5	10514.3	10241.5	9932.1	9574.6
-42.5°	9764.5	9892.7	9972.8	10006.2	9972.8	9892.7	9764.5	9589.7	9353.5	9079.3	8775.1
-45°	8857.6	8986.8	9053.6	9043.7	9053.6	8986.8	8857.6	8693.9	8489.1	8246.3	7972.0
-47.5°	7970.3	8070.5	8125.3	8137.6	8125.3	8070.5	7970.3	7831.8	7651.6	7439.2	7200.9
-50°	7162.6	7268.9	7314.2	7301.4	7314.2	7268.9	7162.6	7031.3	6876.7	6693.1	6475.9
-52.5°	6428.2	6518.5	6557.7	6552.8	6557.7	6518.5	6428.2	6315.9	6179.6	6009.8	5819.5
-55°	5712.0	5790.0	5821.1	5815.9	5821.1	5790.0	5712.0	5612.1	5490.0	5334.0	5161.5
-57.5°	4985.3	5055.6	5076.4	5063.4	5076.4	5055.6	4985.3	4896.0	4788.3	4662.2	4524.6
-60°	4281.4	4339.2	4357.2	4349.8	4357.2	4339.2	4281.4	4208.1	4119.7	4022.0	3911.3
-62.5°	3640.0	3684.7	3703.1	3704.2	3703.1	3684.7	3640.0	3582.9	3513.7	3433.4	3339.5
-65°	3074.0	3107.1	3121.8	3124.7	3121.8	3107.1	3074.0	3030.8	2977.6	2911.1	2832.1
-67.5°	2597.0	2622.8	2631.9	2632.8	2631.9	2622.8	2597.0	2563.7	2522.3	2469.2	2402.2
-70°	2256.5	2285.3	2297.4	2304.2	2297.4	2285.3	2256.5	2223.8	2187.3	2141.6	2080.4
-72.5°	2046.1	2075.7	2089.6	2100.0	2089.6	2075.7	2046.1	2014.2	1980.2	1936.7	1868.9
-75°	1874.9	1906.4	1916.2	1921.1	1916.2	1906.4	1874.9	1841.1	1805.5	1761.2	1686.1
-77.5°	1575.2	1592.1	1598.4	1600.3	1598.4	1592.1	1575.2	1554.8	1531.4	1500.5	1439.1
-80°	1177.8	1186.7	1203.5	1217.2	1203.5	1186.7	1177.8	1165.5	1150.0	1129.2	1084.4
-82.5°	717.6	719.1	729.0	737.0	729.0	719.1	717.6	713.8	707.7	698.7	680.4
-85°	349.0	352.2	360.2	367.5	360.2	352.2	349.0	345.1	340.2	334.6	330.4
-87.5°	126.6	128.0	127.3	126.4	127.3	128.0	126.6	125.0	123.3	121.5	120.4
-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°	36.0	34.6	33.1	32.6	32.1	31.6	31.1	28.7	26.3	23.8	21.4
87.5°	17.7	16.1	14.7	15.0	15.2	15.5	15.7	14.7	13.7	12.8	11.9
85°	33.8	31.8	29.8	30.0	30.1	30.0	29.9	29.0	27.9	26.5	24.9
82.5°	41.6	42.5	43.2	46.2	48.7	50.4	51.3	50.9	50.0	48.3	45.8
80°	49.8	52.9	56.2	62.3	67.8	72.6	76.2	77.6	78.3	78.1	75.4
77.5°	55.1	59.9	65.5	74.8	83.5	91.6	98.2	101.3	102.8	103.4	100.6
75°	53.6	59.4	67.3	79.8	91.9	103.6	112.2	117.3	121.5	124.6	121.6
72.5°	46.4	51.7	61.0	75.7	90.9	104.5	116.5	126.5	135.0	141.8	137.5
70°	37.5	41.2	49.8	63.4	77.9	93.1	109.0	125.4	142.1	153.6	146.8
67.5°	30.8	32.9	39.2	49.0	61.3	75.4	92.1	111.0	129.0	146.5	144.8
65°	26.6	28.3	32.2	38.4	46.6	56.9	70.0	86.3	105.9	125.8	128.6
62.5°	23.3	24.9	27.5	31.1	35.8	41.9	51.4	64.9	81.0	94.7	101.7
60°	20.5	21.5	23.2	25.5	28.4	32.2	38.8	47.5	58.5	69.9	77.2
57.5°	18.8	19.6	20.3	21.4	22.8	25.6	29.6	34.4	43.3	50.5	56.6
55°	17.3	18.2	18.9	19.3	19.7	21.3	23.4	26.8	32.0	36.2	43.5
52.5°	17.4	18.0	18.5	19.1	19.4	19.4	19.6	22.0	25.3	30.0	34.1
50°	17.6	18.1	18.7	19.2	19.6	19.5	19.4	19.5	22.4	26.1	29.6
47.5°	19.6	20.0	19.4	19.7	21.5	20.4	20.2	21.6	24.3	24.4	27.6
45°	25.8	26.8	24.1	27.4	28.9	27.8	23.7	29.1	30.6	30.0	27.0
42.5°	43.3	43.3	41.1	47.9	50.1	46.6	42.3	46.4	44.6	40.2	45.2
40°	75.3	72.1	74.9	82.4	84.6	79.0	80.6	75.2	70.2	59.2	77.0
37.5°	125.9	121.6	128.8	131.5	131.2	133.6	132.7	121.5	105.9	114.9	128.8
35°	202.2	197.3	205.2	201.7	193.7	214.0	207.5	182.4	169.9	184.0	193.3
32.5°	335.3	329.6	317.5	302.2	311.4	321.0	307.7	270.6	275.9	275.8	265.7
30°	542.0	517.2	474.2	476.1	493.2	465.8	431.2	444.2	425.8	387.9	350.7
27.5°	881.1	787.7	718.9	761.8	742.5	677.5	688.1	668.8	606.7	536.7	486.1
25°	1414.6	1254.4	1219.9	1196.0	1101.5	1081.9	1087.5	997.0	850.1	748.3	817.4
22.5°	2145.8	2100.9	1965.3	1757.8	1801.2	1775.4	1623.8	1417.5	1264.7	1375.4	1287.1
20°	3566.8	3404.9	3014.1	3099.4	3092.4	2647.1	2294.6	2322.6	2411.0	2218.0	1877.1
17.5°	6483.1	5687.0	5405.6	5462.5	4960.0	4050.4	4053.2	4096.5	3793.5	3230.1	2568.2
15°	10760.8	10004.9	9379.6	8603.8	7692.3	7115.1	6634.0	6183.8	5412.1	4448.2	3574.6
12.5°	16665.5	15161.8	13779.2	12561.7	11521.9	10534.1	9586.7	8572.1	7315.2	6112.8	5104.9
10°	22771.2	20565.9	18724.2	16993.7	15439.9	14045.6	12545.1	11000.3	9420.5	7922.4	6635.5
7.5°	28425.7	25929.1	23616.4	21201.0	18942.3	17057.9	15257.9	13398.6	11494.1	9713.4	8151.7
5°	33257.1	30167.7	27269.9	24509.6	22021.6	19932.9	17909.4	15756.9	13512.4	11464.2	9632.9
2.5°	36506.0	33413.4	30476.7	27506.9	24693.5	22307.3	19989.4	17526.2	14930.3	12515.4	10449.7
0°	38737.5	35290.0	32134.1	28873.3	25892.4	23551.3	21225.7	18729.0	16001.0	13350.7	11198.1
-2.5°	37685.0	34391.0	31450.5	28308.9	25364.0	22998.4	20733.2	18462.6	15786.7	13259.8	11183.9
-5°	35633.2	32403.9	29482.5	26543.5	23820.6	21652.1	19619.8	17616.1	15218.7	12971.0	11085.1
-7.5°	32365.8	29726.2	27175.0	24472.3	21951.3	19928.9	18054.0	16165.3	14054.6	12053.9	10334.3
-10°	28608.2	26381.0	24154.3	21850.9	19829.2	18088.3	16391.1	14665.3	12830.3	11080.6	9543.0
-12.5°	24943.8	23017.5	21013.5	19036.9	17491.1	16117.7	14723.5	13194.7	11570.2	10066.0	8733.4
-15°	21152.4	19967.0	18487.0	16746.5	15250.3	14208.1	13122.8	11875.6	10474.7	9104.3	7922.0
-17.5°	18880.0	17512.4	16296.1	15054.3	13768.1	12501.6	11634.9	10647.8	9507.5	8352.7	7293.3
-20°	16963.1	15880.5	14719.5	13652.8	12606.7	11536.3	10464.3	9509.6	8603.0	7661.9	6772.5



REPORT NUMBER: P1305783 (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°	15425.1	14510.4	13535.5	12496.3	11555.0	10653.9	9702.2	8706.7	7750.1	6988.2	6251.6
-25°	14158.8	13316.4	12495.9	11616.6	10674.9	9798.2	8970.6	8106.7	7220.6	6377.9	5743.9
-27.5°	13061.1	12345.3	11578.4	10794.6	9960.0	9096.2	8311.0	7539.2	6755.0	5996.7	5289.9
-30°	12122.3	11491.1	10796.3	10060.2	9318.2	8532.6	7737.4	7038.4	6341.0	5647.2	4988.2
-32.5°	11309.7	10757.2	10116.6	9418.9	8724.7	8025.2	7304.0	6569.8	5940.3	5330.3	4725.9
-35°	10631.0	10096.1	9478.5	8836.3	8200.2	7553.6	6875.6	6203.6	5582.3	5014.9	4459.6
-37.5°	9905.2	9417.3	8847.9	8260.3	7688.3	7090.0	6457.7	5840.8	5247.7	4717.0	4211.0
-40°	9147.6	8688.9	8211.8	7683.9	7150.9	6616.0	6036.8	5462.7	4930.5	4423.1	3957.2
-42.5°	8391.4	7986.6	7564.4	7082.2	6594.4	6111.9	5602.0	5088.9	4601.3	4139.4	3704.7
-45°	7648.0	7281.1	6891.3	6494.6	6056.3	5614.2	5165.5	4716.7	4277.4	3852.1	3440.2
-47.5°	6926.3	6605.4	6271.7	5930.9	5531.2	5126.7	4745.3	4352.5	3947.0	3552.0	3188.1
-50°	6236.0	5967.0	5674.2	5361.6	5018.6	4665.8	4325.5	3976.0	3611.2	3266.3	2929.4
-52.5°	5609.7	5359.5	5090.3	4806.3	4527.4	4225.8	3909.8	3606.0	3291.2	2974.8	2671.7
-55°	4974.1	4765.7	4541.5	4311.9	4074.5	3792.5	3513.0	3239.5	2962.2	2674.1	2419.8
-57.5°	4377.7	4208.9	4011.0	3805.0	3592.1	3356.4	3112.7	2865.5	2634.5	2397.6	2168.3
-60°	3786.3	3642.5	3477.8	3306.3	3128.5	2929.5	2726.4	2522.6	2319.1	2127.5	1933.3
-62.5°	3231.4	3108.8	2974.6	2840.3	2696.8	2538.2	2363.6	2198.5	2034.1	1867.4	1707.3
-65°	2743.3	2644.9	2531.8	2420.3	2301.5	2174.6	2030.2	1894.6	1762.9	1627.9	1487.9
-67.5°	2324.5	2235.5	2139.2	2044.4	1952.3	1846.7	1733.7	1618.3	1510.9	1400.0	1282.7
-70°	2011.6	1934.6	1851.9	1761.6	1669.9	1575.2	1483.7	1390.6	1290.1	1197.0	1108.2
-72.5°	1796.1	1717.8	1635.5	1549.8	1457.3	1370.0	1292.8	1218.2	1136.8	1048.4	963.8
-75°	1611.8	1538.9	1466.5	1390.6	1313.5	1235.4	1155.7	1079.5	1005.4	933.8	861.9
-77.5°	1376.5	1313.0	1248.1	1181.1	1118.2	1060.1	1004.2	937.5	865.1	796.9	729.6
-80°	1038.6	992.6	946.9	902.4	858.2	814.5	769.9	718.3	669.5	620.1	566.3
-82.5°	660.5	639.1	616.2	589.5	561.5	532.4	501.8	465.9	430.4	395.4	360.6
-85°	325.3	319.3	312.3	301.0	289.0	276.3	262.8	247.3	231.4	215.3	198.7
-87.5°	119.1	117.6	115.8	112.3	108.7	105.0	101.2	96.9	92.5	88.0	83.3
-90°	4.9	5.3	5.8	6.3	6.8	7.3	7.8	7.8	7.8	7.8	7.8



REPORT NUMBER: P1305783 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	20.0	18.5	17.1	15.6	15.1	14.6	14.1	13.6	13.1	12.7	12.2
87.5°	13.0	14.0	14.9	15.6	14.6	13.6	12.7	11.9	12.1	12.1	12.0
85°	24.3	23.9	23.8	23.9	21.9	19.4	17.6	16.0	16.4	16.4	16.3
82.5°	41.2	38.1	35.8	34.1	32.9	31.1	28.5	25.2	22.5	20.9	20.5
80°	67.6	60.3	53.6	47.9	44.6	42.9	40.7	37.2	31.3	27.0	24.5
77.5°	90.9	81.7	73.3	64.6	57.3	52.0	48.8	46.6	39.8	32.9	28.1
75°	111.1	99.7	88.9	78.3	68.4	60.4	54.1	49.4	43.7	38.1	31.6
72.5°	125.0	113.2	102.1	90.3	77.2	66.5	58.2	52.0	45.9	39.9	34.3
70°	134.8	123.7	111.8	98.2	84.5	71.7	61.1	54.0	47.9	41.6	35.6
67.5°	140.9	128.4	117.0	104.7	90.5	76.6	63.6	55.7	49.5	43.2	36.9
65°	125.9	123.3	119.5	106.3	93.8	81.0	67.1	57.9	50.9	44.5	38.1
62.5°	106.9	109.1	107.2	104.0	94.4	82.2	70.6	61.2	52.5	45.7	39.1
60°	83.4	89.6	93.6	92.7	89.8	81.9	71.7	64.2	55.0	46.8	40.1
57.5°	64.6	70.6	77.1	80.9	80.3	77.2	72.0	65.3	57.3	48.4	41.1
55°	49.0	56.1	62.9	68.3	70.7	69.3	70.3	65.5	58.8	50.0	42.4
52.5°	39.4	45.2	51.4	57.5	61.4	62.7	65.5	65.6	58.9	51.4	44.2
50°	33.3	39.8	44.0	48.6	53.4	57.5	61.2	62.4	58.8	52.1	46.1
47.5°	33.4	39.7	42.3	42.8	46.7	52.8	57.2	59.2	58.6	52.0	47.9
45°	40.4	44.9	45.0	43.7	42.9	50.0	53.6	56.5	56.3	53.1	49.8
42.5°	54.3	57.8	53.8	46.5	51.0	49.1	50.6	53.9	54.4	54.6	51.4
40°	83.4	78.4	67.8	66.8	67.2	50.2	51.0	51.6	53.0	55.9	52.7
37.5°	121.4	110.5	92.5	98.6	91.7	70.6	53.0	49.7	54.4	56.9	54.3
35°	181.7	153.5	143.1	142.3	127.6	96.1	56.3	50.0	56.8	58.5	55.9
32.5°	253.9	228.7	218.0	195.0	169.9	126.6	73.5	59.8	60.5	60.4	57.6
30°	348.2	359.1	308.7	253.3	219.1	166.7	110.1	72.1	65.4	62.8	59.4
27.5°	535.8	518.4	420.3	335.6	273.9	216.6	172.4	86.6	71.5	66.1	61.2
25°	783.0	710.8	574.8	433.9	332.3	367.1	250.8	104.9	81.8	70.8	63.3
22.5°	1116.6	938.5	748.4	540.9	559.8	558.0	359.2	164.5	94.9	76.2	65.6
20°	1504.8	1197.4	1008.2	935.6	844.4	762.1	505.4	232.5	109.0	82.0	68.0
17.5°	1958.6	1762.8	1659.5	1418.1	1173.8	985.0	673.2	307.1	123.9	88.3	70.5
15°	3050.8	2711.6	2384.4	1950.2	1530.0	1223.1	858.0	386.5	139.3	94.9	77.6
12.5°	4308.4	3703.6	3165.5	2520.6	1906.5	1472.5	1054.5	468.5	155.0	110.2	90.8
10°	5590.7	4725.3	3986.4	3116.4	2295.7	1728.7	1257.0	560.2	192.0	132.4	104.4
7.5°	6880.3	5761.3	4828.9	3723.8	2679.3	1979.3	1471.5	669.5	232.6	155.1	118.3
5°	8055.2	6635.7	5512.6	4212.3	2999.1	2215.8	1679.3	774.4	273.4	177.7	132.2
2.5°	8753.3	7233.4	6067.5	4659.3	3302.0	2442.3	1873.1	872.3	313.4	200.0	146.0
0°	9393.7	7789.5	6580.1	5071.1	3583.6	2656.1	2047.5	960.6	351.9	221.7	159.4
-2.5°	9343.2	7799.6	6567.3	5132.5	3710.5	2767.7	2123.1	1068.7	458.8	299.2	210.5
-5°	9235.4	7763.2	6512.1	5154.7	3810.6	2861.9	2176.6	1164.6	562.1	374.7	260.3
-7.5°	8758.8	7478.1	6332.3	5116.9	3882.8	2936.7	2210.4	1248.4	660.4	447.0	308.1
-10°	8174.8	7033.5	5983.0	4870.6	3774.4	2928.7	2217.5	1320.6	752.5	515.2	353.3
-12.5°	7571.0	6571.7	5621.3	4606.7	3621.6	2847.6	2148.6	1349.9	833.7	578.2	395.0
-15°	6957.9	6100.5	5256.1	4331.6	3457.4	2755.9	2073.9	1356.3	883.0	629.6	432.8
-17.5°	6377.7	5627.2	4895.6	4051.5	3285.1	2655.0	1997.1	1356.4	925.9	668.9	465.5
-20°	5968.0	5236.1	4545.3	3771.8	3108.0	2546.4	1921.7	1351.5	962.3	703.4	493.9



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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°	5560.4	4906.7	4244.3	3537.3	2944.2	2431.7	1850.8	1342.6	991.6	733.1	518.3
-25°	5149.7	4573.1	3961.7	3351.1	2801.2	2321.6	1803.3	1330.7	1013.7	757.5	538.3
-27.5°	4765.8	4243.9	3691.2	3164.3	2675.7	2227.9	1773.9	1349.0	1031.9	776.6	553.9
-30°	4396.1	3946.7	3467.3	2987.6	2544.8	2134.6	1744.9	1359.7	1050.1	791.8	564.7
-32.5°	4143.5	3674.4	3259.3	2835.4	2425.6	2036.7	1689.8	1361.2	1061.2	801.9	574.4
-35°	3946.9	3471.3	3060.7	2680.7	2308.6	1950.2	1621.4	1353.2	1065.3	805.6	580.7
-37.5°	3731.9	3294.7	2890.4	2534.3	2187.4	1856.2	1561.7	1309.0	1062.2	802.8	582.5
-40°	3522.0	3110.1	2732.3	2397.9	2072.6	1754.9	1495.5	1262.7	1052.3	793.4	579.7
-42.5°	3295.4	2921.4	2575.8	2257.9	1954.4	1674.4	1424.5	1210.0	1009.7	782.8	572.3
-45°	3072.8	2726.0	2411.7	2117.6	1834.2	1587.7	1358.6	1151.2	958.6	768.8	561.2
-47.5°	2840.5	2533.1	2243.3	1967.9	1730.8	1497.3	1285.4	1088.7	903.3	748.3	546.4
-50°	2616.6	2335.8	2071.0	1830.0	1613.0	1407.6	1206.4	1021.1	852.2	704.0	526.8
-52.5°	2394.9	2139.5	1904.2	1689.2	1495.9	1310.1	1125.1	949.5	796.5	657.1	502.4
-55°	2173.0	1947.4	1737.8	1550.4	1374.6	1209.3	1038.5	880.2	736.3	607.6	473.8
-57.5°	1959.3	1753.8	1578.3	1411.3	1251.7	1101.3	951.0	805.9	675.0	555.3	443.3
-60°	1746.7	1579.4	1420.4	1269.5	1125.4	991.6	860.4	729.0	611.3	501.5	402.9
-62.5°	1551.7	1402.2	1259.1	1123.5	1000.0	882.2	766.5	652.6	544.6	450.6	358.4
-65°	1357.0	1224.7	1093.5	984.8	876.7	773.9	675.8	573.0	483.6	398.2	315.3
-67.5°	1164.1	1060.2	947.6	847.3	763.0	676.5	583.5	501.3	423.1	344.6	277.7
-70°	1013.9	912.0	816.1	737.2	660.8	581.5	507.1	432.6	361.3	301.4	239.4
-72.5°	886.0	802.3	712.6	632.6	571.6	505.3	433.5	366.1	313.0	257.8	200.4
-75°	782.6	698.3	620.0	553.5	493.5	428.7	366.1	313.4	264.4	213.6	165.6
-77.5°	657.8	591.2	530.3	464.3	402.8	348.3	301.2	260.1	214.1	170.3	131.5
-80°	505.0	447.3	393.6	344.4	301.8	264.8	231.2	197.2	159.6	125.9	96.3
-82.5°	321.5	289.6	260.6	233.2	207.1	181.2	155.6	130.1	103.9	80.7	66.6
-85°	180.9	163.9	147.8	132.6	114.6	96.9	86.1	75.9	66.2	57.1	48.6
-87.5°	79.7	75.9	72.0	67.9	61.8	55.9	50.2	44.8	39.7	34.9	30.4
-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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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°	11.8	10.8	10.0	9.3	8.6	8.1	7.8
85°	15.8	13.9	12.2	10.7	9.5	8.5	7.8
82.5°	19.7	16.9	14.3	12.1	10.3	8.8	7.8
80°	23.4	19.8	16.4	13.6	11.1	9.1	7.8
77.5°	25.2	22.1	18.5	15.0	12.0	9.5	7.8
75°	26.9	23.0	20.3	16.3	12.7	9.8	7.8
72.5°	28.5	23.9	20.6	17.7	13.5	10.1	7.8
70°	29.9	24.7	20.9	18.7	14.3	10.4	7.8
67.5°	31.1	25.3	21.1	18.6	15.0	10.7	7.8
65°	32.2	26.2	21.3	18.5	15.7	11.0	7.8
62.5°	33.4	27.2	21.3	18.4	16.3	11.3	7.8
60°	34.5	28.3	21.3	18.2	17.0	11.5	7.8
57.5°	35.8	29.3	22.1	17.9	16.8	11.8	7.8
55°	37.1	30.3	23.0	17.6	16.7	12.0	7.8
52.5°	38.6	31.3	23.8	17.3	16.5	12.3	7.8
50°	40.0	32.7	24.6	16.9	16.4	12.5	7.8
47.5°	41.6	34.0	25.4	16.7	16.3	12.7	7.8
45°	43.2	35.4	26.2	17.2	16.3	12.9	7.8
42.5°	44.8	36.7	26.9	17.7	16.2	13.0	7.8
40°	46.4	38.1	27.7	18.6	16.2	13.2	7.8
37.5°	48.0	39.4	28.7	19.6	16.2	13.3	7.8
35°	49.5	40.7	29.7	20.6	16.2	13.5	7.8
32.5°	51.0	41.9	30.7	21.7	16.2	13.6	7.8
30°	52.3	43.0	31.6	22.7	16.3	13.7	7.8
27.5°	53.7	44.1	33.5	23.8	16.3	13.7	7.8
25°	55.1	45.1	35.6	24.8	16.4	13.8	7.8
22.5°	56.4	46.8	37.7	25.8	16.5	13.8	7.8
20°	57.8	50.5	39.8	26.8	16.6	13.9	7.8
17.5°	62.8	54.4	41.9	27.8	16.7	13.9	7.8
15°	70.3	58.3	43.9	28.7	16.8	13.9	7.8
12.5°	78.2	62.4	45.9	29.6	17.0	13.9	7.8
10°	86.4	66.4	47.8	30.4	17.1	13.8	7.8
7.5°	94.6	70.4	49.6	31.2	17.2	13.8	7.8
5°	102.8	74.4	51.4	31.9	17.3	13.7	7.8
2.5°	110.9	78.1	53.0	32.5	17.4	13.7	7.8
0°	118.6	81.7	54.4	33.1	17.5	13.6	7.8
-2.5°	149.6	99.4	63.6	37.1	18.9	13.9	7.8
-5°	179.7	116.7	72.4	41.1	20.2	14.2	7.8
-7.5°	208.6	133.2	81.0	44.8	21.5	14.4	7.8
-10°	235.9	148.8	89.0	48.3	22.7	14.7	7.8
-12.5°	261.2	163.4	96.5	51.6	23.9	14.9	7.8
-15°	284.1	176.6	103.3	54.5	25.0	15.1	7.8
-17.5°	304.3	188.3	109.3	57.2	26.0	15.3	7.8
-20°	323.3	198.4	114.5	59.4	27.0	15.5	7.8



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	342.5	206.6	118.8	61.3	27.8	15.6	7.8
-25°	358.8	217.1	122.1	62.7	28.5	15.7	7.8
-27.5°	372.1	227.3	124.3	63.7	29.2	15.8	7.8
-30°	382.3	235.3	125.8	64.2	29.7	15.8	7.8
-32.5°	389.2	240.9	129.9	64.2	30.1	15.9	7.8
-35°	394.6	244.1	132.5	63.7	30.3	15.8	7.8
-37.5°	397.2	245.5	133.5	62.7	30.4	15.8	7.8
-40°	396.2	246.0	133.0	61.1	30.4	15.7	7.8
-42.5°	391.6	244.0	132.0	59.6	30.3	15.6	7.8
-45°	383.2	239.5	130.8	58.6	30.0	15.5	7.8
-47.5°	371.3	232.4	128.2	56.8	29.5	15.3	7.8
-50°	358.2	222.9	124.2	56.2	29.0	15.1	7.8
-52.5°	341.9	210.9	118.9	55.7	28.3	14.9	7.8
-55°	322.3	200.2	112.2	54.5	27.4	14.7	7.8
-57.5°	299.3	188.2	104.3	52.8	26.5	14.4	7.8
-60°	273.9	174.2	95.4	50.5	25.4	14.1	7.8
-62.5°	251.4	158.4	89.6	47.7	24.4	13.7	7.8
-65°	226.5	141.0	82.9	44.4	23.4	13.4	7.8
-67.5°	199.3	125.1	75.3	40.7	22.3	13.0	7.8
-70°	170.0	111.1	66.9	36.5	21.1	12.6	7.8
-72.5°	146.3	96.0	57.9	33.4	19.8	12.1	7.8
-75°	122.2	79.9	48.2	30.5	18.5	11.7	7.8
-77.5°	96.8	63.0	41.7	27.4	17.1	11.2	7.8
-80°	70.5	50.8	35.8	24.1	15.7	10.7	7.8
-82.5°	55.0	41.1	29.7	20.7	14.2	10.3	7.8
-85°	40.7	31.3	23.5	17.3	12.7	9.8	7.8
-87.5°	26.3	21.3	17.1	13.7	11.2	9.3	7.8
-90°	7.8	7.8	7.8	7.8	7.8	7.8	7.8

(END OF REPORT)