

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: P1306297 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-40-70-7F-CV1-A**

Issue Date: 2/3/2026

Test Information

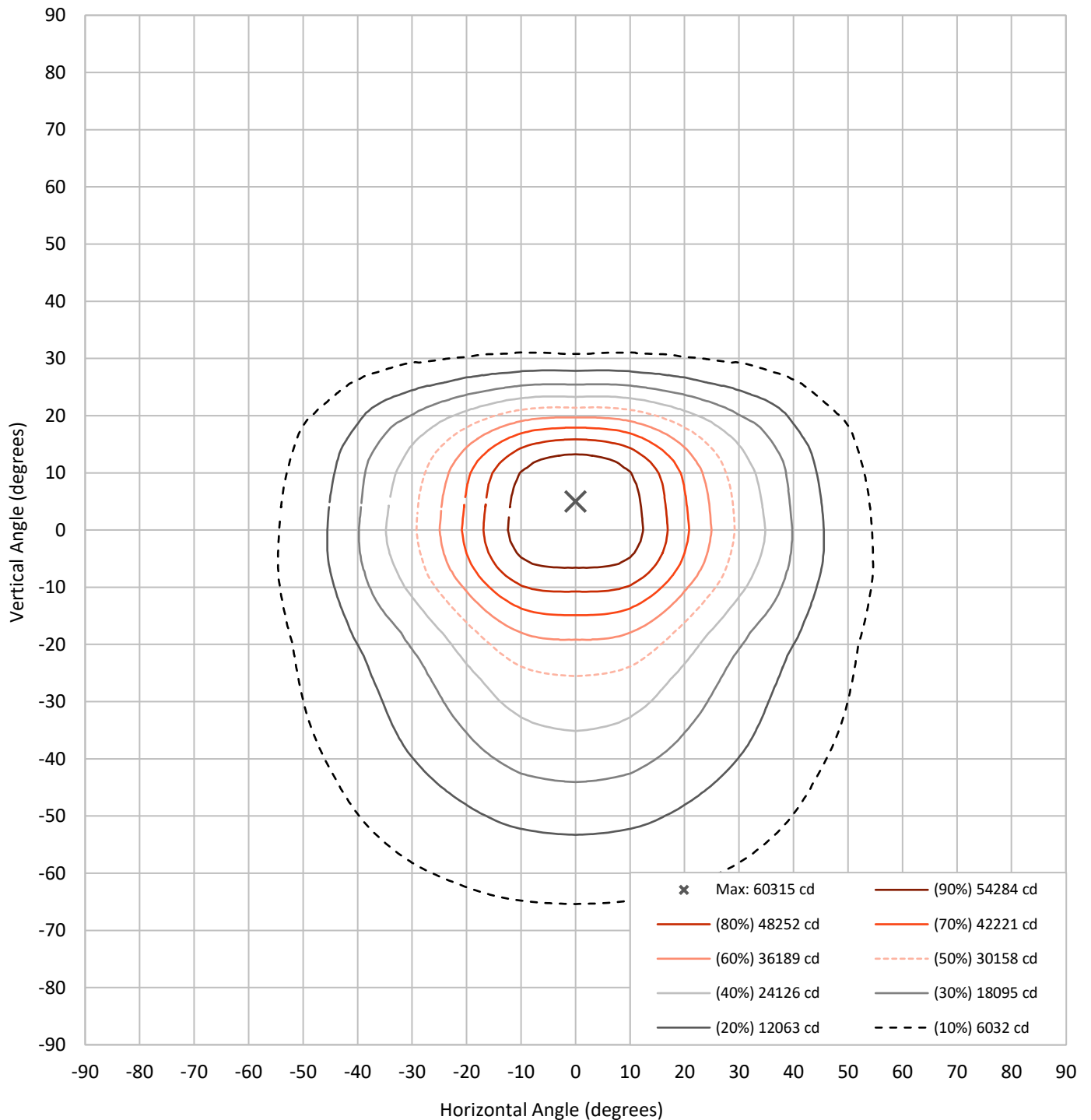
Test Method: LM-79-08
Report Number: P1306297 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-44)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680N-40-70-7F-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 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:	59098.6 lumens	Max Intensity:	60315 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 5°V
Efficacy:	85.9 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:	28425.2 lumens	Field Lumens:	54786.1 lumens
Beam Efficiency:	48.1%	Field Efficiency:	92.7%
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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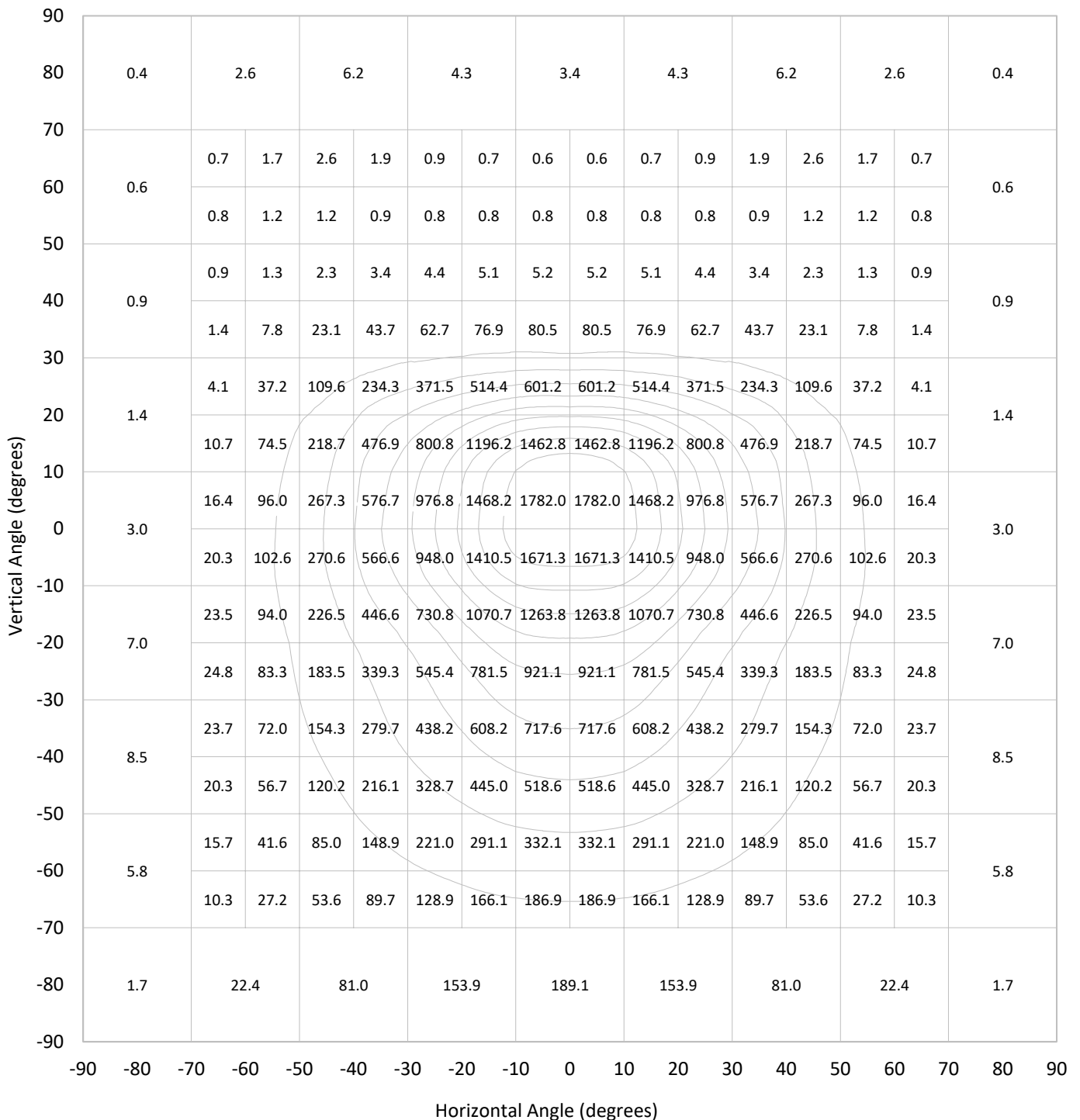
Iso-Candela Plot





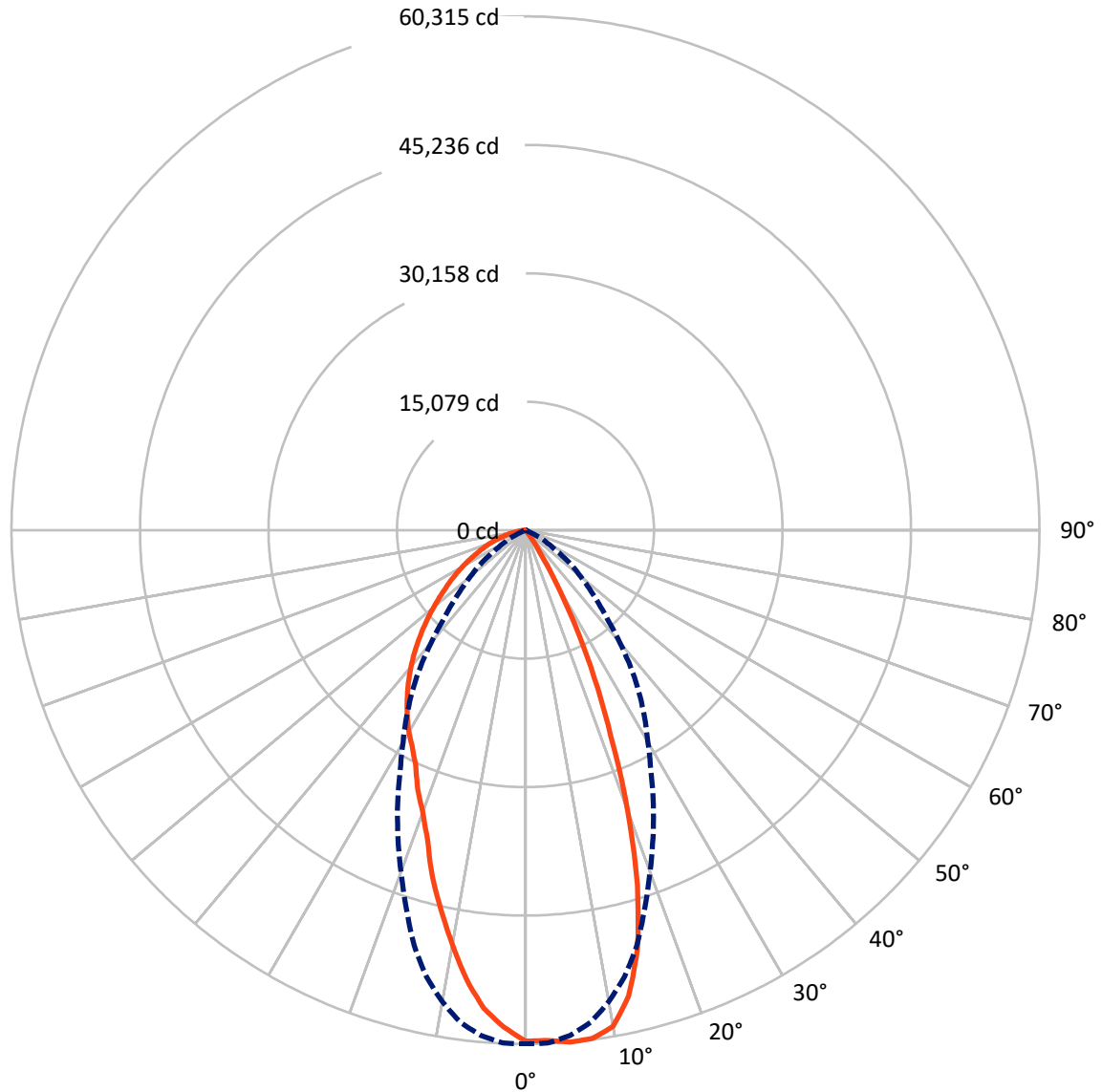
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Lumen Table



REPORT NUMBER: P1306297 (CONVERTED FROM TYPE C PHOTOMETRY)
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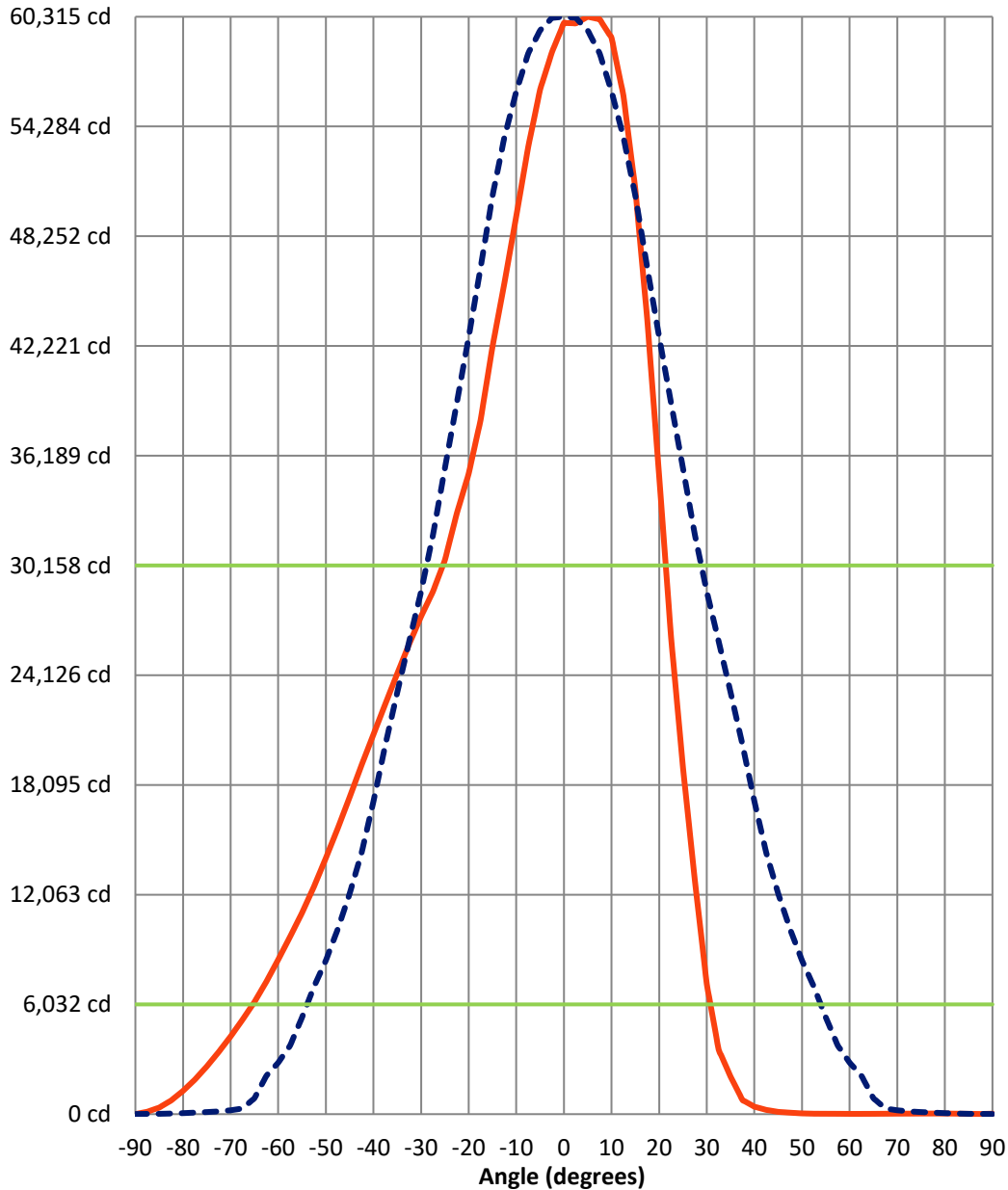
Luminous Intensity Polar Plot



— 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: 28425.2
 Efficiency: 48.1%

Field:
 H Angle: 107.9°
 V Angle: 96.1°
 Lumens: 54786.1
 Efficiency: 92.7%

Spill:
 Lumens: 4312.4
 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°	8.3	9.3	10.3	10.8	11.4	11.9	12.4	12.9	13.5	14.0	14.5
87.5°	8.3	9.6	11.0	11.2	11.5	11.9	12.6	12.4	12.2	11.9	11.4
85°	8.3	9.9	11.7	12.5	13.6	15.0	16.8	17.1	17.2	17.0	16.7
82.5°	8.3	10.2	12.4	13.8	15.7	18.1	21.0	21.8	22.2	23.3	25.7
80°	8.3	10.5	13.1	15.2	17.8	21.2	24.8	25.2	27.3	31.1	36.7
77.5°	8.3	10.8	13.8	16.4	19.9	23.2	25.7	27.9	32.1	38.5	45.0
75°	8.3	11.1	14.5	17.7	21.5	23.6	26.5	30.3	36.3	41.3	46.4
72.5°	8.3	11.4	15.1	18.9	21.6	24.0	27.3	32.1	37.3	42.4	47.6
70°	8.3	11.7	15.8	19.9	21.6	24.3	28.0	32.9	38.2	43.5	50.1
67.5°	8.3	12.0	16.4	19.7	21.5	24.5	28.8	33.7	39.1	45.9	52.8
65°	8.3	12.2	17.0	19.5	21.4	25.0	29.7	34.3	41.1	48.3	55.8
62.5°	8.3	12.5	17.5	19.2	21.3	25.8	30.5	35.7	43.1	50.6	59.4
60°	8.3	12.7	18.0	19.0	21.1	26.6	31.4	37.3	44.9	53.4	62.7
57.5°	8.3	12.9	17.9	18.7	21.8	27.5	32.9	38.9	46.9	55.9	64.4
55°	8.3	13.2	17.7	18.3	22.5	28.3	34.6	40.8	48.7	57.8	65.4
52.5°	8.3	13.4	17.6	18.0	23.2	29.2	36.1	42.8	50.2	58.9	66.4
50°	8.3	13.6	17.5	17.6	23.9	30.5	37.7	45.0	51.4	60.0	66.8
47.5°	8.3	13.7	17.4	17.4	24.6	31.8	39.3	47.5	52.5	61.1	67.9
45°	8.3	13.9	17.3	17.9	25.2	33.0	41.6	50.1	55.5	63.3	70.0
42.5°	8.3	14.1	17.2	18.3	25.9	34.2	44.0	53.1	59.0	66.1	73.5
40°	8.3	14.2	17.2	19.1	26.6	35.3	46.5	56.4	63.3	70.0	78.2
37.5°	8.3	14.3	17.2	20.1	27.4	36.3	49.1	60.0	69.0	76.8	83.9
35°	8.3	14.4	17.2	21.1	28.2	38.0	51.8	63.9	74.9	85.1	92.0
32.5°	8.3	14.5	17.2	22.1	28.9	40.0	54.7	68.0	81.1	94.3	107.3
30°	8.3	14.6	17.3	23.2	29.6	42.0	57.9	72.5	87.5	104.5	124.8
27.5°	8.3	14.7	17.3	24.3	31.7	44.0	61.1	77.7	94.8	115.5	144.5
25°	8.3	14.7	17.4	25.4	34.1	46.0	64.4	82.9	103.6	130.2	168.2
22.5°	8.3	14.8	17.5	26.5	36.6	48.8	67.8	88.2	112.8	147.4	246.8
20°	8.3	14.8	17.6	27.6	39.2	54.1	71.0	93.4	122.2	165.3	334.9
17.5°	8.3	14.8	17.8	28.6	41.9	59.5	77.1	98.6	131.8	183.9	430.3
15°	8.3	14.8	17.9	29.7	44.6	64.8	84.9	106.4	141.4	202.7	530.7
12.5°	8.3	14.8	18.0	30.7	47.3	70.2	92.6	117.7	156.2	221.5	633.4
10°	8.3	14.8	18.1	31.7	50.0	75.5	100.2	129.0	175.3	250.5	730.3
7.5°	8.3	14.7	18.3	32.7	52.6	80.8	107.6	140.1	194.3	280.5	809.1
5°	8.3	14.7	18.3	32.7	52.6	80.8	107.6	140.1	194.3	280.5	809.1
2.5°	8.3	14.6	18.5	34.4	57.6	90.6	121.6	161.5	231.0	337.6	935.7
0°	8.3	14.5	18.6	35.1	59.9	95.1	128.2	171.6	248.1	363.8	981.9
-2.5°	8.3	14.8	20.0	39.4	69.6	113.7	160.3	225.6	332.3	486.6	1110.1
-5°	8.3	15.0	21.4	43.6	79.1	131.7	191.7	278.2	414.0	605.5	1225.6
-7.5°	8.3	15.3	22.8	47.5	88.1	148.9	221.8	328.6	492.0	718.8	1328.6
-10°	8.3	15.5	24.1	51.3	96.6	165.2	250.4	376.1	565.1	824.7	1419.1
-12.5°	8.3	15.7	25.4	54.8	104.4	180.2	276.9	419.9	632.1	921.6	1503.5
-15°	8.3	15.8	26.5	57.9	111.6	193.8	301.1	459.3	695.6	1009.1	1575.8
-17.5°	8.3	16.0	27.6	60.7	117.9	205.8	322.7	501.4	756.9	1086.5	1631.7
-20°	8.3	16.1	28.6	63.1	123.3	216.0	346.2	544.5	810.9	1152.8	1670.6



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 CATALOG NUMBER: EPH-08-680N-40-70-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	8.3	16.3	29.5	65.1	127.7	224.3	374.4	582.0	857.1	1207.2	1692.1
-25°	8.3	16.3	30.2	66.6	131.1	236.9	398.3	613.5	895.0	1248.9	1695.8
-27.5°	8.3	16.4	30.8	67.7	133.3	249.7	417.8	638.6	924.1	1281.8	1736.0
-30°	8.3	16.4	31.3	68.2	134.8	259.6	432.6	657.0	949.0	1311.1	1761.4
-32.5°	8.3	16.4	31.6	68.2	139.9	266.6	442.4	672.7	967.6	1328.5	1769.0
-35°	8.3	16.4	31.8	67.7	143.2	270.5	449.5	682.6	976.8	1333.8	1758.7
-37.5°	8.3	16.3	31.9	66.6	144.7	272.3	452.9	685.3	976.5	1326.7	1706.7
-40°	8.3	16.3	31.7	65.0	144.4	273.3	451.5	680.6	966.4	1314.4	1651.8
-42.5°	8.3	16.1	31.5	63.5	143.6	271.3	445.5	668.5	951.1	1269.7	1586.7
-45°	8.3	16.0	31.0	62.7	142.7	266.3	434.7	651.9	928.3	1213.3	1513.1
-47.5°	8.3	15.8	30.4	61.1	140.3	258.4	419.2	632.7	895.2	1149.2	1439.9
-50°	8.3	15.6	29.7	60.6	136.3	247.5	403.8	607.1	839.9	1084.9	1357.5
-52.5°	8.3	15.4	28.8	59.9	130.9	233.8	385.1	575.4	785.9	1013.4	1267.1
-55°	8.3	15.1	27.7	58.6	123.9	222.2	362.3	538.6	729.4	934.9	1176.2
-57.5°	8.3	14.8	26.6	56.7	115.5	209.3	335.5	503.0	667.5	858.6	1077.3
-60°	8.3	14.5	25.2	54.1	106.0	194.3	306.1	458.2	602.7	778.5	974.8
-62.5°	8.3	14.2	24.3	50.9	99.4	177.2	281.6	408.5	542.3	692.5	873.3
-65°	8.3	13.8	23.3	47.2	91.7	158.2	254.3	359.5	478.1	612.9	765.2
-67.5°	8.3	13.4	22.2	42.9	83.1	140.6	224.5	317.2	410.5	532.0	664.4
-70°	8.3	13.0	21.1	38.1	73.6	124.7	192.3	272.8	355.6	447.3	564.6
-72.5°	8.3	12.6	19.9	34.9	63.2	107.4	165.4	226.5	298.7	378.3	465.2
-75°	8.3	12.2	18.6	31.9	52.2	89.1	138.0	186.3	239.8	307.3	381.1
-77.5°	8.3	11.7	17.3	28.7	45.1	69.8	109.1	147.5	190.0	237.8	294.5
-80°	8.3	11.3	16.0	25.3	38.7	56.1	79.1	107.7	140.1	176.7	217.5
-82.5°	8.3	10.8	14.6	21.8	32.1	45.4	61.6	74.1	89.1	114.3	142.6
-85°	8.3	10.3	13.2	18.2	25.3	34.4	45.4	53.8	62.8	72.3	82.4
-87.5°	8.3	9.8	11.7	14.5	18.3	23.2	29.0	33.4	38.2	43.2	48.5
-90°	8.3	9.3	10.3	9.8	9.3	8.8	8.3	7.8	7.3	6.7	6.2



REPORT NUMBER: P1306297 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	14.5	14.5	14.5	14.5	15.0	15.5	16.0	16.5	17.6	18.6	19.7
87.5°	12.2	12.9	13.7	14.5	13.5	12.2	10.7	9.1	9.6	10.1	10.7
85°	18.1	19.6	21.5	22.8	21.8	20.9	20.2	19.8	20.9	21.8	22.5
82.5°	28.3	30.0	31.0	31.2	31.8	32.8	34.6	38.2	40.6	42.2	43.0
80°	39.4	40.5	41.4	44.1	49.0	54.8	61.3	68.4	70.7	70.9	70.1
77.5°	46.2	48.7	53.5	60.7	68.8	77.0	86.0	95.8	98.7	97.8	96.0
75°	50.2	56.0	64.6	75.0	85.7	96.8	108.5	119.6	122.7	119.2	114.6
72.5°	54.0	63.0	74.3	87.9	99.7	111.0	123.7	137.5	142.3	135.3	127.0
70°	57.9	69.2	82.1	95.5	109.0	121.9	134.2	147.4	155.3	144.3	127.6
67.5°	61.2	74.3	88.1	101.9	114.1	126.7	140.5	146.2	149.7	132.0	113.0
65°	65.1	79.0	91.5	103.7	116.7	121.9	126.4	131.2	130.5	110.3	90.1
62.5°	68.9	80.3	92.3	101.9	105.1	108.1	108.1	105.1	100.1	86.2	68.8
60°	70.3	80.2	88.4	91.6	92.4	89.4	85.5	81.6	75.6	63.9	52.1
57.5°	71.1	76.4	80.2	81.2	77.6	71.7	69.1	62.9	57.7	51.0	41.2
55°	70.7	70.0	72.2	70.3	66.1	61.3	56.5	52.5	46.1	44.0	39.6
52.5°	68.9	65.7	64.7	62.6	59.7	54.8	50.0	46.8	45.2	42.7	39.1
50°	68.2	64.1	59.2	59.1	56.8	53.2	48.1	47.5	47.6	45.3	41.1
47.5°	69.0	64.3	58.0	58.1	58.3	59.6	55.4	53.5	54.2	60.3	53.8
45°	71.4	68.8	62.2	62.1	67.8	75.6	82.4	63.4	82.6	92.2	99.7
42.5°	75.1	76.3	79.7	67.9	89.8	117.4	130.7	137.4	130.4	160.5	191.6
40°	83.4	86.3	109.4	118.5	127.8	185.0	264.3	282.9	214.9	298.9	350.7
37.5°	93.7	122.8	163.0	211.5	207.1	326.5	450.7	545.9	536.5	507.3	726.4
35°	105.4	167.8	276.1	384.3	431.7	544.9	773.8	939.7	1038.4	1098.0	1278.5
32.5°	137.9	221.1	417.5	647.3	845.1	957.2	1173.4	1537.1	1881.1	2086.5	2084.5
30°	194.9	352.3	617.1	970.1	1354.6	1670.0	1848.8	2316.1	2971.7	3438.1	3748.8
27.5°	279.1	511.8	925.0	1436.3	1975.1	2510.5	2867.4	3474.5	4356.9	5067.5	5731.4
25°	382.1	765.1	1271.7	1990.8	2783.0	3463.1	3976.5	4820.4	5938.4	7053.1	8163.7
22.5°	546.0	1059.3	1656.5	2597.0	3674.6	4447.7	5201.7	6230.3	7523.3	9088.2	10781.6
20°	774.4	1401.6	2067.4	3072.7	4566.3	5449.9	6375.7	7603.3	9111.4	11013.3	13274.3
17.5°	1021.2	1724.8	2470.3	3591.0	5048.3	6272.7	7515.8	8914.9	10604.9	12811.3	15246.9
15°	1280.8	2028.7	2830.3	4053.8	5499.5	6822.4	8293.2	10112.9	12105.8	14492.0	17039.7
12.5°	1547.1	2313.3	3149.3	4461.4	5930.2	7320.4	8889.0	10781.5	13100.0	15899.0	18573.5
10°	1813.2	2578.4	3429.6	4814.6	6334.3	7765.6	9400.6	11336.9	13695.8	16500.1	19390.9
7.5°	1976.4	2753.3	3658.7	5114.6	6704.9	8157.3	9830.1	11783.1	14108.6	16929.9	19909.1
5°	2099.8	2832.0	3777.8	5318.9	6997.9	8447.4	10165.3	12125.1	14357.0	17191.8	20302.7
2.5°	2195.8	2889.9	3873.0	5470.9	7219.3	8605.0	10364.8	12343.9	14615.9	17517.2	20700.1
0°	2263.5	2929.1	3942.0	5575.1	7385.9	8706.8	10494.9	12475.2	14796.6	17800.1	21053.8
-2.5°	2329.4	3050.2	4082.4	5708.0	7409.9	8722.0	10544.4	12480.5	14796.5	17745.2	20907.2
-5°	2370.7	3151.1	4193.3	5791.7	7385.3	8690.7	10517.1	12405.6	14635.3	17423.5	20363.9
-7.5°	2392.2	3228.2	4273.4	5804.3	7257.7	8507.4	10188.3	11963.7	14103.1	16715.7	19426.9
-10°	2403.6	3274.7	4264.8	5629.6	6992.8	8212.6	9749.4	11450.3	13465.6	15895.1	18403.6
-12.5°	2435.2	3299.8	4226.2	5438.8	6705.1	7879.4	9262.6	10873.3	12726.0	14977.4	17278.9
-15°	2452.2	3312.6	4172.6	5242.0	6402.7	7510.4	8735.7	10238.2	11925.0	13938.9	15980.8
-17.5°	2457.0	3314.9	4107.1	5048.2	6092.8	7108.1	8217.3	9694.1	11229.9	12969.0	14710.4
-20°	2451.6	3308.7	4033.0	4865.7	5788.3	6815.8	7935.5	9224.0	10598.8	12069.3	13520.1



REPORT NUMBER: P1306297 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2438.1	3295.7	3970.5	4736.2	5642.1	6624.3	7654.4	8769.2	9952.2	11229.2	12700.5
-25°	2431.3	3248.4	3928.6	4644.6	5500.6	6422.9	7358.7	8349.2	9380.6	10717.9	12121.2
-27.5°	2420.6	3198.4	3846.6	4517.4	5336.8	6219.5	7097.1	8001.2	9060.1	10261.5	11563.9
-30°	2388.7	3077.5	3735.0	4368.6	5163.6	6013.9	6852.0	7711.5	8713.4	9846.1	11054.3
-32.5°	2298.8	2940.3	3586.7	4223.2	4955.0	5788.6	6599.0	7432.3	8361.8	9376.8	10539.1
-35°	2198.3	2798.8	3420.4	4042.8	4711.4	5515.4	6303.9	7109.3	7972.1	8924.4	10008.0
-37.5°	2125.1	2646.7	3242.3	3839.6	4481.3	5195.7	5968.9	6744.2	7560.9	8468.4	9493.3
-40°	2037.9	2484.7	3061.6	3633.3	4217.4	4876.0	5598.4	6342.5	7109.3	8014.2	8953.4
-42.5°	1940.4	2371.9	2874.3	3414.5	3965.4	4564.0	5208.7	5916.7	6686.1	7527.9	8409.7
-45°	1856.2	2245.2	2686.9	3192.5	3704.2	4246.5	4844.4	5477.4	6237.4	7020.6	7839.5
-47.5°	1760.4	2112.7	2528.2	2957.7	3439.8	3939.9	4468.6	5085.2	5760.3	6493.8	7245.0
-50°	1656.9	1992.7	2347.0	2746.5	3173.7	3631.5	4114.2	4676.8	5293.0	5948.3	6639.6
-52.5°	1552.8	1860.3	2186.4	2534.2	2922.2	3333.5	3780.7	4281.7	4827.1	5401.3	6011.3
-55°	1438.7	1725.9	2022.7	2338.0	2676.4	3049.7	3449.5	3897.4	4366.3	4886.8	5399.8
-57.5°	1321.4	1581.2	1854.9	2146.9	2451.1	2768.4	3130.8	3510.1	3933.8	4378.7	4831.5
-60°	1199.0	1431.7	1679.7	1948.2	2230.8	2516.7	2810.2	3146.4	3506.0	3875.7	4280.4
-62.5°	1070.6	1279.5	1501.3	1739.3	1998.0	2256.7	2519.9	2797.9	3089.3	3421.4	3759.0
-65°	943.3	1123.2	1320.7	1532.5	1754.0	1986.4	2222.4	2460.6	2715.5	2989.1	3273.3
-67.5°	809.1	971.6	1141.5	1321.2	1518.0	1715.2	1921.2	2136.5	2353.2	2574.8	2808.2
-70°	688.3	817.2	965.2	1122.1	1281.0	1442.5	1620.6	1805.4	1994.2	2182.7	2376.7
-72.5°	566.5	677.2	795.6	921.0	1054.3	1187.4	1326.3	1470.5	1623.8	1782.6	1943.7
-75°	455.8	534.3	631.3	735.8	837.7	937.9	1042.1	1159.3	1280.7	1403.1	1525.1
-77.5°	353.6	416.1	483.5	555.5	626.4	706.8	789.3	873.4	961.2	1051.5	1142.8
-80°	255.9	295.5	345.3	399.0	450.4	502.5	556.0	610.8	668.0	731.3	799.6
-82.5°	169.6	197.8	227.4	258.3	286.9	315.4	345.8	383.1	420.7	459.4	498.8
-85°	90.7	99.1	116.5	135.0	153.2	171.5	189.8	208.0	226.7	244.9	262.5
-87.5°	52.7	56.9	61.1	65.5	70.0	74.6	79.2	83.7	89.9	96.2	102.4
-90°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	20.7	21.2	21.7	22.2	22.7	23.2	23.8	24.3	24.8	25.3	25.9
87.5°	11.3	10.5	9.7	8.8	7.9	10.3	12.9	15.5	18.1	16.7	15.3
85°	22.9	23.1	23.2	23.3	23.4	26.1	28.8	31.4	33.9	31.3	28.5
82.5°	43.2	42.6	41.1	38.9	36.1	35.4	34.5	33.2	31.5	30.2	29.0
80°	68.6	65.1	60.6	55.3	49.3	46.2	43.4	40.2	36.7	35.7	34.8
77.5°	92.3	85.8	78.2	70.0	61.3	55.7	50.8	45.4	39.7	38.1	37.1
75°	109.0	100.8	89.9	78.3	66.0	57.4	50.7	43.9	37.2	35.6	35.3
72.5°	117.6	106.3	92.5	76.1	60.6	50.3	44.0	38.3	33.2	31.4	30.6
70°	110.6	93.5	77.5	62.5	48.7	39.5	34.9	31.0	27.5	26.5	27.0
67.5°	93.4	76.2	61.7	48.7	37.7	30.2	27.6	25.5	23.9	23.3	23.3
65°	72.9	58.4	46.6	36.8	28.9	24.3	23.4	22.5	21.7	21.0	20.3
62.5°	53.8	42.8	35.3	29.7	25.5	22.7	22.0	21.1	20.0	19.0	18.2
60°	41.9	33.3	29.4	27.0	24.9	23.1	22.3	21.9	21.5	21.2	20.6
57.5°	36.4	32.0	28.5	27.1	26.0	25.1	24.7	24.2	23.5	22.6	21.9
55°	35.5	32.1	29.1	28.3	27.8	27.2	26.6	25.8	25.0	24.1	23.7
52.5°	35.6	34.1	31.8	30.8	31.3	30.4	28.7	29.6	29.7	28.9	28.5
50°	40.3	40.6	41.2	37.7	41.2	42.7	40.6	42.4	45.0	45.3	45.1
47.5°	57.1	60.8	65.8	62.0	66.5	73.4	72.8	73.3	79.5	80.3	80.1
45°	91.0	107.5	115.3	119.7	118.0	134.0	137.1	132.0	140.4	142.0	139.6
42.5°	182.2	191.4	212.0	228.2	218.9	235.4	240.3	225.3	239.9	246.5	239.4
40°	408.2	324.6	385.4	427.3	412.7	380.6	436.2	416.3	414.4	437.6	419.4
37.5°	805.9	715.3	777.6	897.5	893.1	742.3	910.6	899.6	756.2	926.1	911.3
35°	1445.3	1612.7	1537.9	1762.0	1827.0	1860.8	1954.1	2050.6	1944.9	2084.0	2080.4
32.5°	2587.8	2935.1	3088.6	3115.9	3403.6	3637.9	3538.7	3914.6	3891.6	3985.6	4081.6
30°	4085.4	4859.5	5251.3	5261.2	5738.3	6158.2	6291.5	6763.2	7042.3	6996.0	7463.3
27.5°	6518.2	7278.7	7924.0	8474.7	8846.5	9508.7	10430.3	10895.3	11580.9	11849.8	12495.8
25°	9267.0	10212.0	11230.7	12189.0	12975.8	14161.9	15309.0	16032.3	17013.2	17781.9	18563.1
22.5°	12245.0	13498.5	14805.6	16239.0	17702.4	19149.5	20542.8	21879.1	23186.9	24631.5	25514.5
20°	15289.5	16706.4	18297.4	20240.0	22270.4	24015.4	25918.5	28013.8	30017.1	31881.6	33289.8
17.5°	17603.2	19795.8	21519.3	23620.9	26142.3	28600.6	31026.7	33789.9	36338.4	38715.6	40835.6
15°	19369.9	21668.4	24166.5	26703.2	29359.4	32286.4	35623.6	38647.2	41795.3	44591.2	47209.6
12.5°	20909.9	23243.4	25857.7	28816.2	32166.5	35309.0	38806.6	42587.9	45928.0	49212.5	51669.2
10°	22046.6	24638.6	27289.0	30263.6	33680.1	37349.1	41139.5	44961.7	48706.9	51877.5	54516.9
7.5°	22673.5	25426.4	28199.4	31305.7	34818.3	38427.1	42213.6	46204.3	49974.0	53239.2	55663.2
5°	23183.9	25982.6	28723.6	31842.2	35502.1	39086.9	42714.3	46523.1	50470.2	53690.8	56212.7
2.5°	23629.3	26360.0	29033.7	32070.2	35841.8	39442.6	43172.1	47120.4	50937.4	54044.2	56499.0
0°	24016.0	26593.8	29208.7	32218.4	36162.5	39806.9	43476.1	47339.6	51227.9	54254.1	56738.8
-2.5°	23736.3	26263.8	28840.3	31916.9	35678.3	39263.2	42953.1	46865.4	50548.4	53613.8	56022.7
-5°	23006.9	25441.6	28000.1	31069.1	34659.6	38171.0	41811.7	45580.2	49042.2	52106.9	54322.8
-7.5°	21940.6	24324.0	26872.6	29893.5	33234.5	36421.5	39675.3	43168.5	46614.5	49320.3	51430.9
-10°	20755.2	23023.6	25369.4	28026.3	30984.7	33961.4	36951.1	40198.5	43234.8	45775.4	47807.1
-12.5°	19347.9	21362.9	23522.8	25840.1	28556.1	31391.3	34242.3	37086.7	39887.1	42172.5	44013.1
-15°	17827.9	19609.8	21582.3	23823.9	26243.8	28745.6	31317.4	34033.7	36555.7	38684.6	40307.3
-17.5°	16328.4	17924.1	19929.0	21966.9	23922.5	26216.7	28774.4	31020.6	33322.2	35233.9	36667.4
-20°	15057.2	16773.9	18517.2	20258.5	22126.6	24357.0	26525.7	28643.4	30688.6	32429.3	33854.6



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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°	14228.6	15736.8	17224.4	18871.5	20770.6	22738.8	24701.6	26627.0	28478.0	30131.5	31487.3
-25°	13475.0	14751.4	16224.4	17896.7	19500.4	21226.8	23080.1	24689.4	26445.2	27942.6	29102.5
-27.5°	12816.3	14079.3	15525.0	17029.1	18479.5	20035.6	21723.6	23259.6	24839.6	26279.5	27291.6
-30°	12242.7	13551.2	14910.6	16286.6	17652.6	19092.3	20559.4	22043.9	23493.6	24799.2	25772.0
-32.5°	11753.9	12981.4	14256.3	15536.8	16782.2	18093.7	19454.7	20819.5	22162.5	23304.8	24257.3
-35°	11198.2	12373.4	13558.0	14707.9	15861.4	17034.5	18297.5	19575.3	20777.0	21819.9	22749.7
-37.5°	10578.0	11710.3	12791.4	13838.2	14907.5	15992.2	17162.1	18336.0	19439.8	20383.8	21270.3
-40°	9960.8	10992.5	11971.7	12948.8	13929.1	14944.9	16003.0	17054.1	18023.0	18915.9	19742.0
-42.5°	9319.5	10222.6	11113.8	12023.4	12927.7	13843.8	14789.0	15744.8	16608.2	17422.6	18154.9
-45°	8672.4	9447.5	10234.9	11068.1	11893.8	12716.1	13534.5	14341.4	15149.7	15908.6	16527.1
-47.5°	7984.4	8683.8	9398.6	10115.0	10855.0	11605.6	12321.0	13019.4	13733.4	14411.6	14922.6
-50°	7290.0	7937.5	8583.7	9214.9	9869.0	10529.2	11181.0	11795.8	12393.9	12970.7	13370.2
-52.5°	6590.6	7189.5	7781.6	8352.4	8919.9	9482.7	10035.0	10580.3	11104.5	11598.8	11915.5
-55°	5926.5	6460.6	6981.2	7479.7	7980.6	8474.8	8961.9	9439.0	9891.4	10316.4	10560.7
-57.5°	5301.9	5767.0	6222.9	6652.1	7071.3	7478.7	7909.2	8342.7	8750.0	9115.2	9312.1
-60°	4693.2	5112.2	5503.4	5862.2	6221.7	6579.4	6942.1	7300.1	7648.8	7952.2	8121.6
-62.5°	4094.6	4452.7	4785.7	5094.3	5391.3	5686.7	6001.3	6303.3	6590.5	6824.7	6968.3
-65°	3570.2	3873.5	4122.8	4368.6	4612.5	4872.3	5133.7	5382.9	5618.9	5802.3	5923.3
-67.5°	3060.3	3309.8	3517.3	3721.3	3925.5	4132.0	4342.4	4546.3	4742.1	4890.4	4995.6
-70°	2575.4	2764.0	2926.5	3092.6	3261.8	3430.6	3599.7	3762.5	3917.9	4030.9	4115.5
-72.5°	2106.5	2252.2	2378.7	2507.6	2634.9	2765.6	2896.6	3022.5	3142.3	3223.2	3282.6
-75°	1646.4	1752.1	1853.6	1952.0	2046.7	2144.1	2240.4	2332.5	2419.7	2481.0	2529.8
-77.5°	1239.5	1314.6	1380.8	1445.6	1508.8	1576.4	1642.5	1704.8	1763.1	1805.7	1841.6
-80°	868.3	916.8	959.0	998.8	1035.9	1077.8	1118.8	1157.6	1193.8	1218.7	1238.5
-82.5°	538.9	567.3	592.7	616.1	637.4	659.3	679.7	698.1	714.7	734.1	752.2
-85°	279.6	291.3	302.1	312.1	321.3	330.2	338.3	345.5	351.9	355.4	357.9
-87.5°	108.7	111.4	113.9	116.2	118.3	121.1	123.8	126.3	128.6	130.8	132.7
-90°	6.2	5.7	5.2	4.6	4.1	4.1	4.1	4.1	4.1	4.1	4.1



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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°	26.4	26.9	26.9	26.9	26.9	26.9	26.4	25.9	25.3	24.8	24.3
87.5°	13.9	12.4	11.3	10.3	11.3	12.4	13.9	15.3	16.7	18.1	15.5
85°	25.6	22.6	20.6	18.6	20.6	22.6	25.6	28.5	31.3	33.9	31.4
82.5°	27.9	26.9	26.9	26.9	26.9	26.9	27.9	29.0	30.2	31.5	33.2
80°	34.0	33.0	34.1	35.1	34.1	33.0	34.0	34.8	35.7	36.7	40.2
77.5°	36.1	35.1	35.1	35.1	35.1	35.1	36.1	37.1	38.1	39.7	45.4
75°	35.2	35.1	34.1	33.1	34.1	35.1	35.2	35.3	35.6	37.2	43.9
72.5°	29.8	29.1	28.9	28.9	28.9	29.1	29.8	30.6	31.4	33.2	38.3
70°	27.8	28.8	28.0	26.9	28.0	28.8	27.8	27.0	26.5	27.5	31.0
67.5°	23.1	22.9	22.7	22.7	22.7	22.9	23.1	23.3	23.3	23.9	25.5
65°	19.6	18.9	18.6	18.6	18.6	18.9	19.6	20.3	21.0	21.7	22.5
62.5°	17.4	16.7	16.5	16.5	16.5	16.7	17.4	18.2	19.0	20.0	21.1
60°	19.8	18.8	17.7	16.5	17.7	18.8	19.8	20.6	21.2	21.5	21.9
57.5°	21.3	20.8	20.7	20.7	20.7	20.8	21.3	21.9	22.6	23.5	24.2
55°	23.3	22.8	22.7	22.7	22.7	22.8	23.3	23.7	24.1	25.0	25.8
52.5°	28.0	27.1	26.1	24.8	26.1	27.1	28.0	28.5	28.9	29.7	29.6
50°	44.2	42.0	41.0	41.3	41.0	42.0	44.2	45.1	45.3	45.0	42.4
47.5°	81.6	81.6	81.2	80.6	81.2	81.6	81.6	80.1	80.3	79.5	73.3
45°	138.9	133.3	128.0	126.1	128.0	133.3	138.9	139.6	142.0	140.4	132.0
42.5°	244.1	242.9	238.6	233.6	238.6	242.9	244.1	239.4	246.5	239.9	225.3
40°	424.2	418.4	408.5	411.4	408.5	418.4	424.2	419.4	437.6	414.4	416.3
37.5°	883.4	841.0	776.7	777.2	776.7	841.0	883.4	911.3	926.1	756.2	899.6
35°	2067.8	2102.5	2061.4	2060.9	2061.4	2102.5	2067.8	2080.4	2084.0	1944.9	2050.6
32.5°	3957.1	3899.7	3666.5	3545.1	3666.5	3899.7	3957.1	4081.6	3985.6	3891.6	3914.6
30°	7454.9	7491.9	7142.5	7150.2	7142.5	7491.9	7454.9	7463.3	6996.0	7042.3	6763.2
27.5°	12756.3	13040.1	12965.5	12841.1	12965.5	13040.1	12756.3	12495.8	11849.8	11580.9	10895.3
25°	19075.4	19289.2	19146.0	19059.0	19146.0	19289.2	19075.4	18563.1	17781.9	17013.2	16032.3
22.5°	26372.0	26669.7	26594.9	26217.5	26594.9	26669.7	26372.0	25514.5	24631.5	23186.9	21879.1
20°	34449.6	34959.5	35255.6	35064.9	35255.6	34959.5	34449.6	33289.8	31881.6	30017.1	28013.8
17.5°	42341.3	42998.7	43502.9	43672.5	43502.9	42998.7	42341.3	40835.6	38715.6	36338.4	33789.9
15°	48977.3	49917.4	50579.6	50814.4	50579.6	49917.4	48977.3	47209.6	44591.2	41795.3	38647.2
12.5°	53739.5	54963.2	55739.8	55973.0	55739.8	54963.2	53739.5	51669.2	49212.5	45928.0	42587.9
10°	56358.3	57900.8	58784.6	59153.3	58784.6	57900.8	56358.3	54516.9	51877.5	48706.9	44961.7
7.5°	57821.4	59214.6	60049.8	60173.4	60049.8	59214.6	57821.4	55663.2	53239.2	49974.0	46204.3
5°	58296.2	59561.9	60251.3	60315.0	60251.3	59561.9	58296.2	56212.7	53690.8	50470.2	46523.1
2.5°	58504.2	59573.8	60082.3	59952.2	60082.3	59573.8	58504.2	56499.0	54044.2	50937.4	47120.4
0°	58397.7	59353.8	59893.4	59973.9	59893.4	59353.8	58397.7	56738.8	54254.1	51227.9	47339.6
-2.5°	57530.5	58242.5	58625.1	58379.1	58625.1	58242.5	57530.5	56022.7	53613.8	50548.4	46865.4
-5°	55553.3	56065.6	56225.4	56315.1	56225.4	56065.6	55553.3	54322.8	52106.9	49042.2	45580.2
-7.5°	52695.6	53113.5	53271.3	53160.7	53271.3	53113.5	52695.6	51430.9	49320.3	46614.5	43168.5
-10°	48928.9	49311.9	49445.8	49369.5	49445.8	49311.9	48928.9	47807.1	45775.4	43234.8	40198.5
-12.5°	45116.0	45570.0	45674.1	45680.7	45674.1	45570.0	45116.0	44013.1	42172.5	39887.1	37086.7
-15°	41367.8	41886.9	42045.5	42184.1	42045.5	41886.9	41367.8	40307.3	38684.6	36555.7	34033.7
-17.5°	37684.8	38200.4	38334.2	38153.2	38334.2	38200.4	37684.8	36667.4	35233.9	33322.2	31020.6
-20°	34657.4	34924.6	35209.8	35207.5	35209.8	34924.6	34657.4	33854.6	32429.3	30688.6	28643.4



REPORT NUMBER: P1306297 (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°	32157.0	32598.9	32841.7	33014.3	32841.7	32598.9	32157.0	31487.3	30131.5	28478.0	26627.0
-25°	29811.9	30187.2	30338.1	30453.1	30338.1	30187.2	29811.9	29102.5	27942.6	26445.2	24689.4
-27.5°	28005.4	28386.2	28601.6	28729.1	28601.6	28386.2	28005.4	27291.6	26279.5	24839.6	23259.6
-30°	26564.7	26938.9	27195.5	27356.5	27195.5	26938.9	26564.7	25772.0	24799.2	23493.6	22043.9
-32.5°	25012.3	25403.6	25671.0	25837.2	25671.0	25403.6	25012.3	24257.3	23304.8	22162.5	20819.5
-35°	23399.0	23790.4	24079.0	24214.5	24079.0	23790.4	23399.0	22749.7	21819.9	20777.0	19575.3
-37.5°	21831.7	22197.1	22452.2	22552.5	22452.2	22197.1	21831.7	21270.3	20383.8	19439.8	18336.0
-40°	20198.0	20542.8	20779.7	20871.9	20779.7	20542.8	20198.0	19742.0	18915.9	18023.0	17054.1
-42.5°	18550.6	18872.3	19091.1	19183.1	19091.1	18872.3	18550.6	18154.9	17422.6	16608.2	15744.8
-45°	16881.9	17168.0	17353.2	17423.9	17353.2	17168.0	16881.9	16527.1	15908.6	15149.7	14341.4
-47.5°	15239.3	15497.3	15656.6	15708.2	15656.6	15497.3	15239.3	14922.6	14411.6	13733.4	13019.4
-50°	13636.0	13847.4	13993.1	14075.2	13993.1	13847.4	13636.0	13370.2	12970.7	12393.9	11795.8
-52.5°	12153.0	12345.0	12459.3	12504.1	12459.3	12345.0	12153.0	11915.5	11598.8	11104.5	10580.3
-55°	10763.1	10929.1	11026.3	11065.4	11026.3	10929.1	10763.1	10560.7	10316.4	9891.4	9439.0
-57.5°	9479.4	9615.5	9707.2	9759.0	9707.2	9615.5	9479.4	9312.1	9115.2	8750.0	8342.7
-60°	8262.5	8374.0	8450.9	8495.9	8450.9	8374.0	8262.5	8121.6	7952.2	7648.8	7300.1
-62.5°	7087.6	7182.4	7244.7	7280.5	7244.7	7182.4	7087.6	6968.3	6824.7	6590.5	6303.3
-65°	6025.5	6108.6	6148.7	6164.2	6148.7	6108.6	6025.5	5923.3	5802.3	5618.9	5382.9
-67.5°	5085.8	5160.6	5187.8	5192.7	5187.8	5160.6	5085.8	4995.6	4890.4	4742.1	4546.3
-70°	4188.7	4249.6	4270.2	4272.8	4270.2	4249.6	4188.7	4115.5	4030.9	3917.9	3762.5
-72.5°	3331.5	3369.9	3399.6	3419.0	3399.6	3369.9	3331.5	3282.6	3223.2	3142.3	3022.5
-75°	2570.8	2603.7	2617.9	2623.2	2617.9	2603.7	2570.8	2529.8	2481.0	2419.7	2332.5
-77.5°	1872.2	1897.2	1902.9	1901.8	1902.9	1897.2	1872.2	1841.6	1805.7	1763.1	1704.8
-80°	1254.2	1265.9	1273.5	1277.5	1273.5	1265.9	1254.2	1238.5	1218.7	1193.8	1157.6
-82.5°	768.4	782.6	768.0	750.4	768.0	782.6	768.4	752.2	734.1	714.7	698.1
-85°	359.4	360.0	361.3	361.7	361.3	360.0	359.4	357.9	355.4	351.9	345.5
-87.5°	134.4	136.0	135.3	134.4	135.3	136.0	134.4	132.7	130.8	128.6	126.3
-90°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	23.8	23.2	22.7	22.2	21.7	21.2	20.7	19.7	18.6	17.6	16.5
87.5°	12.9	10.3	7.9	8.8	9.7	10.5	11.3	10.7	10.1	9.6	9.1
85°	28.8	26.1	23.4	23.3	23.2	23.1	22.9	22.5	21.8	20.9	19.8
82.5°	34.5	35.4	36.1	38.9	41.1	42.6	43.2	43.0	42.2	40.6	38.2
80°	43.4	46.2	49.3	55.3	60.6	65.1	68.6	70.1	70.9	70.7	68.4
77.5°	50.8	55.7	61.3	70.0	78.2	85.8	92.3	96.0	97.8	98.7	95.8
75°	50.7	57.4	66.0	78.3	89.9	100.8	109.0	114.6	119.2	122.7	119.6
72.5°	44.0	50.3	60.6	76.1	92.5	106.3	117.6	127.0	135.3	142.3	137.5
70°	34.9	39.5	48.7	62.5	77.5	93.5	110.6	127.6	144.3	155.3	147.4
67.5°	27.6	30.2	37.7	48.7	61.7	76.2	93.4	113.0	132.0	149.7	146.2
65°	23.4	24.3	28.9	36.8	46.6	58.4	72.9	90.1	110.3	130.5	131.2
62.5°	22.0	22.7	25.5	29.7	35.3	42.8	53.8	68.8	86.2	100.1	105.1
60°	22.3	23.1	24.9	27.0	29.4	33.3	41.9	52.1	63.9	75.6	81.6
57.5°	24.7	25.1	26.0	27.1	28.5	32.0	36.4	41.2	51.0	57.7	62.9
55°	26.6	27.2	27.8	28.3	29.1	32.1	35.5	39.6	44.0	46.1	52.5
52.5°	28.7	30.4	31.3	30.8	31.8	34.1	35.6	39.1	42.7	45.2	46.8
50°	40.6	42.7	41.2	37.7	41.2	40.6	40.3	41.1	45.3	47.6	47.5
47.5°	72.8	73.4	66.5	62.0	65.8	60.8	57.1	53.8	60.3	54.2	53.5
45°	137.1	134.0	118.0	119.7	115.3	107.5	91.0	99.7	92.2	82.6	63.4
42.5°	240.3	235.4	218.9	228.2	212.0	191.4	182.2	191.6	160.5	130.4	137.4
40°	436.2	380.6	412.7	427.3	385.4	324.6	408.2	350.7	298.9	214.9	282.9
37.5°	910.6	742.3	893.1	897.5	777.6	715.3	805.9	726.4	507.3	536.5	545.9
35°	1954.1	1860.8	1827.0	1762.0	1537.9	1612.7	1445.3	1278.5	1098.0	1038.4	939.7
32.5°	3538.7	3637.9	3403.6	3115.9	3088.6	2935.1	2587.8	2084.5	2086.5	1881.1	1537.1
30°	6291.5	6158.2	5738.3	5261.2	5251.3	4859.5	4085.4	3748.8	3438.1	2971.7	2316.1
27.5°	10430.3	9508.7	8846.5	8474.7	7924.0	7278.7	6518.2	5731.4	5067.5	4356.9	3474.5
25°	15309.0	14161.9	12975.8	12189.0	11230.7	10212.0	9267.0	8163.7	7053.1	5938.4	4820.4
22.5°	20542.8	19149.5	17702.4	16239.0	14805.6	13498.5	12245.0	10781.6	9088.2	7523.3	6230.3
20°	25918.5	24015.4	22270.4	20240.0	18297.4	16706.4	15289.5	13274.3	11013.3	9111.4	7603.3
17.5°	31026.7	28600.6	26142.3	23620.9	21519.3	19795.8	17603.2	15246.9	12811.3	10604.9	8914.9
15°	35623.6	32286.4	29359.4	26703.2	24166.5	21668.4	19369.9	17039.7	14492.0	12105.8	10112.9
12.5°	38806.6	35309.0	32166.5	28816.2	25857.7	23243.4	20909.9	18573.5	15899.0	13100.0	10781.5
10°	41139.5	37349.1	33680.1	30263.6	27289.0	24638.6	22046.6	19390.9	16500.1	13695.8	11336.9
7.5°	42213.6	38427.1	34818.3	31305.7	28199.4	25426.4	22673.5	19909.1	16929.9	14108.6	11783.1
5°	42714.3	39086.9	35502.1	31842.2	28723.6	25982.6	23183.9	20302.7	17191.8	14357.0	12125.1
2.5°	43172.1	39442.6	35841.8	32070.2	29033.7	26360.0	23629.3	20700.1	17517.2	14615.9	12343.9
0°	43476.1	39806.9	36162.5	32218.4	29208.7	26593.8	24016.0	21053.8	17800.1	14796.6	12475.2
-2.5°	42953.1	39263.2	35678.3	31916.9	28840.3	26263.8	23736.3	20907.2	17745.2	14796.5	12480.5
-5°	41811.7	38171.0	34659.6	31069.1	28000.1	25441.6	23006.9	20363.9	17423.5	14635.3	12405.6
-7.5°	39675.3	36421.5	33234.5	29893.5	26872.6	24324.0	21940.6	19426.9	16715.7	14103.1	11963.7
-10°	36951.1	33961.4	30984.7	28026.3	25369.4	23023.6	20755.2	18403.6	15895.1	13465.6	11450.3
-12.5°	34242.3	31391.3	28556.1	25840.1	23522.8	21362.9	19347.9	17278.9	14977.4	12726.0	10873.3
-15°	31317.4	28745.6	26243.8	23823.9	21582.3	19609.8	17827.9	15980.8	13938.9	11925.0	10238.2
-17.5°	28774.4	26216.7	23922.5	21966.9	19929.0	17924.1	16328.4	14710.4	12969.0	11229.9	9694.1
-20°	26525.7	24357.0	22126.6	20258.5	18517.2	16773.9	15057.2	13520.1	12069.3	10598.8	9224.0



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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°	24701.6	22738.8	20770.6	18871.5	17224.4	15736.8	14228.6	12700.5	11229.2	9952.2	8769.2
-25°	23080.1	21226.8	19500.4	17896.7	16224.4	14751.4	13475.0	12121.2	10717.9	9380.6	8349.2
-27.5°	21723.6	20035.6	18479.5	17029.1	15525.0	14079.3	12816.3	11563.9	10261.5	9060.1	8001.2
-30°	20559.4	19092.3	17652.6	16286.6	14910.6	13551.2	12242.7	11054.3	9846.1	8713.4	7711.5
-32.5°	19454.7	18093.7	16782.2	15536.8	14256.3	12981.4	11753.9	10539.1	9376.8	8361.8	7432.3
-35°	18297.5	17034.5	15861.4	14707.9	13558.0	12373.4	11198.2	10008.0	8924.4	7972.1	7109.3
-37.5°	17162.1	15992.2	14907.5	13838.2	12791.4	11710.3	10578.0	9493.3	8468.4	7560.9	6744.2
-40°	16003.0	14944.9	13929.1	12948.8	11971.7	10992.5	9960.8	8953.4	8014.2	7109.3	6342.5
-42.5°	14789.0	13843.8	12927.7	12023.4	11113.8	10222.6	9319.5	8409.7	7527.9	6686.1	5916.7
-45°	13534.5	12716.1	11893.8	11068.1	10234.9	9447.5	8672.4	7839.5	7020.6	6237.4	5477.4
-47.5°	12321.0	11605.6	10855.0	10115.0	9398.6	8683.8	7984.4	7245.0	6493.8	5760.3	5085.2
-50°	11181.0	10529.2	9869.0	9214.9	8583.7	7937.5	7290.0	6639.6	5948.3	5293.0	4676.8
-52.5°	10035.0	9482.7	8919.9	8352.4	7781.6	7189.5	6590.6	6011.3	5401.3	4827.1	4281.7
-55°	8961.9	8474.8	7980.6	7479.7	6981.2	6460.6	5926.5	5399.8	4886.8	4366.3	3897.4
-57.5°	7909.2	7478.7	7071.3	6652.1	6222.9	5767.0	5301.9	4831.5	4378.7	3933.8	3510.1
-60°	6942.1	6579.4	6221.7	5862.2	5503.4	5112.2	4693.2	4280.4	3875.7	3506.0	3146.4
-62.5°	6001.3	5686.7	5391.3	5094.3	4785.7	4452.7	4094.6	3759.0	3421.4	3089.3	2797.9
-65°	5133.7	4872.3	4612.5	4368.6	4122.8	3873.5	3570.2	3273.3	2989.1	2715.5	2460.6
-67.5°	4342.4	4132.0	3925.5	3721.3	3517.3	3309.8	3060.3	2808.2	2574.8	2353.2	2136.5
-70°	3599.7	3430.6	3261.8	3092.6	2926.5	2764.0	2575.4	2376.7	2182.7	1994.2	1805.4
-72.5°	2896.6	2765.6	2634.9	2507.6	2378.7	2252.2	2106.5	1943.7	1782.6	1623.8	1470.5
-75°	2240.4	2144.1	2046.7	1952.0	1853.6	1752.1	1646.4	1525.1	1403.1	1280.7	1159.3
-77.5°	1642.5	1576.4	1508.8	1445.6	1380.8	1314.6	1239.5	1142.8	1051.5	961.2	873.4
-80°	1118.8	1077.8	1035.9	998.8	959.0	916.8	868.3	799.6	731.3	668.0	610.8
-82.5°	679.7	659.3	637.4	616.1	592.7	567.3	538.9	498.8	459.4	420.7	383.1
-85°	338.3	330.2	321.3	312.1	302.1	291.3	279.6	262.5	244.9	226.7	208.0
-87.5°	123.8	121.1	118.3	116.2	113.9	111.4	108.7	102.4	96.2	89.9	83.7
-90°	4.1	4.1	4.1	4.6	5.2	5.7	6.2	6.2	6.2	6.2	6.2



REPORT NUMBER: P1306297 (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°	16.0	15.5	15.0	14.5	14.5	14.5	14.5	14.5	14.0	13.5	12.9
87.5°	10.7	12.2	13.5	14.5	13.7	12.9	12.2	11.4	11.9	12.2	12.4
85°	20.2	20.9	21.8	22.8	21.5	19.6	18.1	16.7	17.0	17.2	17.1
82.5°	34.6	32.8	31.8	31.2	31.0	30.0	28.3	25.7	23.3	22.2	21.8
80°	61.3	54.8	49.0	44.1	41.4	40.5	39.4	36.7	31.1	27.3	25.2
77.5°	86.0	77.0	68.8	60.7	53.5	48.7	46.2	45.0	38.5	32.1	27.9
75°	108.5	96.8	85.7	75.0	64.6	56.0	50.2	46.4	41.3	36.3	30.3
72.5°	123.7	111.0	99.7	87.9	74.3	63.0	54.0	47.6	42.4	37.3	32.1
70°	134.2	121.9	109.0	95.5	82.1	69.2	57.9	50.1	43.5	38.2	32.9
67.5°	140.5	126.7	114.1	101.9	88.1	74.3	61.2	52.8	45.9	39.1	33.7
65°	126.4	121.9	116.7	103.7	91.5	79.0	65.1	55.8	48.3	41.1	34.3
62.5°	108.1	108.1	105.1	101.9	92.3	80.3	68.9	59.4	50.6	43.1	35.7
60°	85.5	89.4	92.4	91.6	88.4	80.2	70.3	62.7	53.4	44.9	37.3
57.5°	69.1	71.7	77.6	81.2	80.2	76.4	71.1	64.4	55.9	46.9	38.9
55°	56.5	61.3	66.1	70.3	72.2	70.0	70.7	65.4	57.8	48.7	40.8
52.5°	50.0	54.8	59.7	62.6	64.7	65.7	68.9	66.4	58.9	50.2	42.8
50°	48.1	53.2	56.8	59.1	59.2	64.1	68.2	66.8	60.0	51.4	45.0
47.5°	55.4	59.6	58.3	58.1	58.0	64.3	69.0	67.9	61.1	52.5	47.5
45°	82.4	75.6	67.8	62.1	62.2	68.8	71.4	70.0	63.3	55.5	50.1
42.5°	130.7	117.4	89.8	67.9	79.7	76.3	75.1	73.5	66.1	59.0	53.1
40°	264.3	185.0	127.8	118.5	109.4	86.3	83.4	78.2	70.0	63.3	56.4
37.5°	450.7	326.5	207.1	211.5	163.0	122.8	93.7	83.9	76.8	69.0	60.0
35°	773.8	544.9	431.7	384.3	276.1	167.8	105.4	92.0	85.1	74.9	63.9
32.5°	1173.4	957.2	845.1	647.3	417.5	221.1	137.9	107.3	94.3	81.1	68.0
30°	1848.8	1670.0	1354.6	970.1	617.1	352.3	194.9	124.8	104.5	87.5	72.5
27.5°	2867.4	2510.5	1975.1	1436.3	925.0	511.8	279.1	144.5	115.5	94.8	77.7
25°	3976.5	3463.1	2783.0	1990.8	1271.7	765.1	382.1	168.2	130.2	103.6	82.9
22.5°	5201.7	4447.7	3674.6	2597.0	1656.5	1059.3	546.0	246.8	147.4	112.8	88.2
20°	6375.7	5449.9	4566.3	3072.7	2067.4	1401.6	774.4	334.9	165.3	122.2	93.4
17.5°	7515.8	6272.7	5048.3	3591.0	2470.3	1724.8	1021.2	430.3	183.9	131.8	98.6
15°	8293.2	6822.4	5499.5	4053.8	2830.3	2028.7	1280.8	530.7	202.7	141.4	106.4
12.5°	8889.0	7320.4	5930.2	4461.4	3149.3	2313.3	1547.1	633.4	221.5	156.2	117.7
10°	9400.6	7765.6	6334.3	4814.6	3429.6	2578.4	1813.2	730.3	250.5	175.3	129.0
7.5°	9830.1	8157.3	6704.9	5114.6	3658.7	2753.3	1976.4	809.1	280.5	194.3	140.1
5°	10165.3	8447.4	6997.9	5318.9	3777.8	2832.0	2099.8	877.8	309.7	212.9	151.0
2.5°	10364.8	8605.0	7219.3	5470.9	3873.0	2889.9	2195.8	935.7	337.6	231.0	161.5
0°	10494.9	8706.8	7385.9	5575.1	3942.0	2929.1	2263.5	981.9	363.8	248.1	171.6
-2.5°	10544.4	8722.0	7409.9	5708.0	4082.4	3050.2	2329.4	1110.1	486.6	332.3	225.6
-5°	10517.1	8690.7	7385.3	5791.7	4193.3	3151.1	2370.7	1225.6	605.5	414.0	278.2
-7.5°	10188.3	8507.4	7257.7	5804.3	4273.4	3228.2	2392.2	1328.6	718.8	492.0	328.6
-10°	9749.4	8212.6	6992.8	5629.6	4264.8	3274.7	2403.6	1419.1	824.7	565.1	376.1
-12.5°	9262.6	7879.4	6705.1	5438.8	4226.2	3299.8	2435.2	1503.5	921.6	632.1	419.9
-15°	8735.7	7510.4	6402.7	5242.0	4172.6	3312.6	2452.2	1575.8	1009.1	695.6	459.3
-17.5°	8217.3	7108.1	6092.8	5048.2	4107.1	3314.9	2457.0	1631.7	1086.5	756.9	501.4
-20°	7935.5	6815.8	5788.3	4865.7	4033.0	3308.7	2451.6	1670.6	1152.8	810.9	544.5



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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°	7654.4	6624.3	5642.1	4736.2	3970.5	3295.7	2438.1	1692.1	1207.2	857.1	582.0
-25°	7358.7	6422.9	5500.6	4644.6	3928.6	3248.4	2431.3	1695.8	1248.9	895.0	613.5
-27.5°	7097.1	6219.5	5336.8	4517.4	3846.6	3198.4	2420.6	1736.0	1281.8	924.1	638.6
-30°	6852.0	6013.9	5163.6	4368.6	3735.0	3077.5	2388.7	1761.4	1311.1	949.0	657.0
-32.5°	6599.0	5788.6	4955.0	4223.2	3586.7	2940.3	2298.8	1769.0	1328.5	967.6	672.7
-35°	6303.9	5515.4	4711.4	4042.8	3420.4	2798.8	2198.3	1758.7	1333.8	976.8	682.6
-37.5°	5968.9	5195.7	4481.3	3839.6	3242.3	2646.7	2125.1	1706.7	1326.7	976.5	685.3
-40°	5598.4	4876.0	4217.4	3633.3	3061.6	2484.7	2037.9	1651.8	1314.4	966.4	680.6
-42.5°	5208.7	4564.0	3965.4	3414.5	2874.3	2371.9	1940.4	1586.7	1269.7	951.1	668.5
-45°	4844.4	4246.5	3704.2	3192.5	2686.9	2245.2	1856.2	1513.1	1213.3	928.3	651.9
-47.5°	4468.6	3939.9	3439.8	2957.7	2528.2	2112.7	1760.4	1439.9	1149.2	895.2	632.7
-50°	4114.2	3631.5	3173.7	2746.5	2347.0	1992.7	1656.9	1357.5	1084.9	839.9	607.1
-52.5°	3780.7	3333.5	2922.2	2534.2	2186.4	1860.3	1552.8	1267.1	1013.4	785.9	575.4
-55°	3449.5	3049.7	2676.4	2338.0	2022.7	1725.9	1438.7	1176.2	934.9	729.4	538.6
-57.5°	3130.8	2768.4	2451.1	2146.9	1854.9	1581.2	1321.4	1077.3	858.6	667.5	503.0
-60°	2810.2	2516.7	2230.8	1948.2	1679.7	1431.7	1199.0	974.8	778.5	602.7	458.2
-62.5°	2519.9	2256.7	1998.0	1739.3	1501.3	1279.5	1070.6	873.3	692.5	542.3	408.5
-65°	2222.4	1986.4	1754.0	1532.5	1320.7	1123.2	943.3	765.2	612.9	478.1	359.5
-67.5°	1921.2	1715.2	1518.0	1321.2	1141.5	971.6	809.1	664.4	532.0	410.5	317.2
-70°	1620.6	1442.5	1281.0	1122.1	965.2	817.2	688.3	564.6	447.3	355.6	272.8
-72.5°	1326.3	1187.4	1054.3	921.0	795.6	677.2	566.5	465.2	378.3	298.7	226.5
-75°	1042.1	937.9	837.7	735.8	631.3	534.3	455.8	381.1	307.3	239.8	186.3
-77.5°	789.3	706.8	626.4	555.5	483.5	416.1	353.6	294.5	237.8	190.0	147.5
-80°	556.0	502.5	450.4	399.0	345.3	295.5	255.9	217.5	176.7	140.1	107.7
-82.5°	345.8	315.4	286.9	258.3	227.4	197.8	169.6	142.6	114.3	89.1	74.1
-85°	189.8	171.5	153.2	135.0	116.5	99.1	90.7	82.4	72.3	62.8	53.8
-87.5°	79.2	74.6	70.0	65.5	61.1	56.9	52.7	48.5	43.2	38.2	33.4
-90°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.7	7.3	7.8



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	12.4	11.9	11.4	10.8	10.3	9.3	8.3
87.5°	12.6	11.9	11.5	11.2	11.0	9.6	8.3
85°	16.8	15.0	13.6	12.5	11.7	9.9	8.3
82.5°	21.0	18.1	15.7	13.8	12.4	10.2	8.3
80°	24.8	21.2	17.8	15.2	13.1	10.5	8.3
77.5°	25.7	23.2	19.9	16.4	13.8	10.8	8.3
75°	26.5	23.6	21.5	17.7	14.5	11.1	8.3
72.5°	27.3	24.0	21.6	18.9	15.1	11.4	8.3
70°	28.0	24.3	21.6	19.9	15.8	11.7	8.3
67.5°	28.8	24.5	21.5	19.7	16.4	12.0	8.3
65°	29.7	25.0	21.4	19.5	17.0	12.2	8.3
62.5°	30.5	25.8	21.3	19.2	17.5	12.5	8.3
60°	31.4	26.6	21.1	19.0	18.0	12.7	8.3
57.5°	32.9	27.5	21.8	18.7	17.9	12.9	8.3
55°	34.6	28.3	22.5	18.3	17.7	13.2	8.3
52.5°	36.1	29.2	23.2	18.0	17.6	13.4	8.3
50°	37.7	30.5	23.9	17.6	17.5	13.6	8.3
47.5°	39.3	31.8	24.6	17.4	17.4	13.7	8.3
45°	41.6	33.0	25.2	17.9	17.3	13.9	8.3
42.5°	44.0	34.2	25.9	18.3	17.2	14.1	8.3
40°	46.5	35.3	26.6	19.1	17.2	14.2	8.3
37.5°	49.1	36.3	27.4	20.1	17.2	14.3	8.3
35°	51.8	38.0	28.2	21.1	17.2	14.4	8.3
32.5°	54.7	40.0	28.9	22.1	17.2	14.5	8.3
30°	57.9	42.0	29.6	23.2	17.3	14.6	8.3
27.5°	61.1	44.0	31.7	24.3	17.3	14.7	8.3
25°	64.4	46.0	34.1	25.4	17.4	14.7	8.3
22.5°	67.8	48.8	36.6	26.5	17.5	14.8	8.3
20°	71.0	54.1	39.2	27.6	17.6	14.8	8.3
17.5°	77.1	59.5	41.9	28.6	17.8	14.8	8.3
15°	84.9	64.8	44.6	29.7	17.9	14.8	8.3
12.5°	92.6	70.2	47.3	30.7	18.0	14.8	8.3
10°	100.2	75.5	50.0	31.7	18.1	14.8	8.3
7.5°	107.6	80.8	52.6	32.7	18.3	14.7	8.3
5°	114.7	85.8	55.2	33.6	18.4	14.7	8.3
2.5°	121.6	90.6	57.6	34.4	18.5	14.6	8.3
0°	128.2	95.1	59.9	35.1	18.6	14.5	8.3
-2.5°	160.3	113.7	69.6	39.4	20.0	14.8	8.3
-5°	191.7	131.7	79.1	43.6	21.4	15.0	8.3
-7.5°	221.8	148.9	88.1	47.5	22.8	15.3	8.3
-10°	250.4	165.2	96.6	51.3	24.1	15.5	8.3
-12.5°	276.9	180.2	104.4	54.8	25.4	15.7	8.3
-15°	301.1	193.8	111.6	57.9	26.5	15.8	8.3
-17.5°	322.7	205.8	117.9	60.7	27.6	16.0	8.3
-20°	346.2	216.0	123.3	63.1	28.6	16.1	8.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	374.4	224.3	127.7	65.1	29.5	16.3	8.3
-25°	398.3	236.9	131.1	66.6	30.2	16.3	8.3
-27.5°	417.8	249.7	133.3	67.7	30.8	16.4	8.3
-30°	432.6	259.6	134.8	68.2	31.3	16.4	8.3
-32.5°	442.4	266.6	139.9	68.2	31.6	16.4	8.3
-35°	449.5	270.5	143.2	67.7	31.8	16.4	8.3
-37.5°	452.9	272.3	144.7	66.6	31.9	16.3	8.3
-40°	451.5	273.3	144.4	65.0	31.7	16.3	8.3
-42.5°	445.5	271.3	143.6	63.5	31.5	16.1	8.3
-45°	434.7	266.3	142.7	62.7	31.0	16.0	8.3
-47.5°	419.2	258.4	140.3	61.1	30.4	15.8	8.3
-50°	403.8	247.5	136.3	60.6	29.7	15.6	8.3
-52.5°	385.1	233.8	130.9	59.9	28.8	15.4	8.3
-55°	362.3	222.2	123.9	58.6	27.7	15.1	8.3
-57.5°	335.5	209.3	115.5	56.7	26.6	14.8	8.3
-60°	306.1	194.3	106.0	54.1	25.2	14.5	8.3
-62.5°	281.6	177.2	99.4	50.9	24.3	14.2	8.3
-65°	254.3	158.2	91.7	47.2	23.3	13.8	8.3
-67.5°	224.5	140.6	83.1	42.9	22.2	13.4	8.3
-70°	192.3	124.7	73.6	38.1	21.1	13.0	8.3
-72.5°	165.4	107.4	63.2	34.9	19.9	12.6	8.3
-75°	138.0	89.1	52.2	31.9	18.6	12.2	8.3
-77.5°	109.1	69.8	45.1	28.7	17.3	11.7	8.3
-80°	79.1	56.1	38.7	25.3	16.0	11.3	8.3
-82.5°	61.6	45.4	32.1	21.8	14.6	10.8	8.3
-85°	45.4	34.4	25.3	18.2	13.2	10.3	8.3
-87.5°	29.0	23.2	18.3	14.5	11.7	9.8	8.3
-90°	8.3	8.8	9.3	9.8	10.3	9.3	8.3

(END OF REPORT)