

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: P1305709 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-70-7F-CV1-A**

Issue Date: 2/3/2026

Test Information

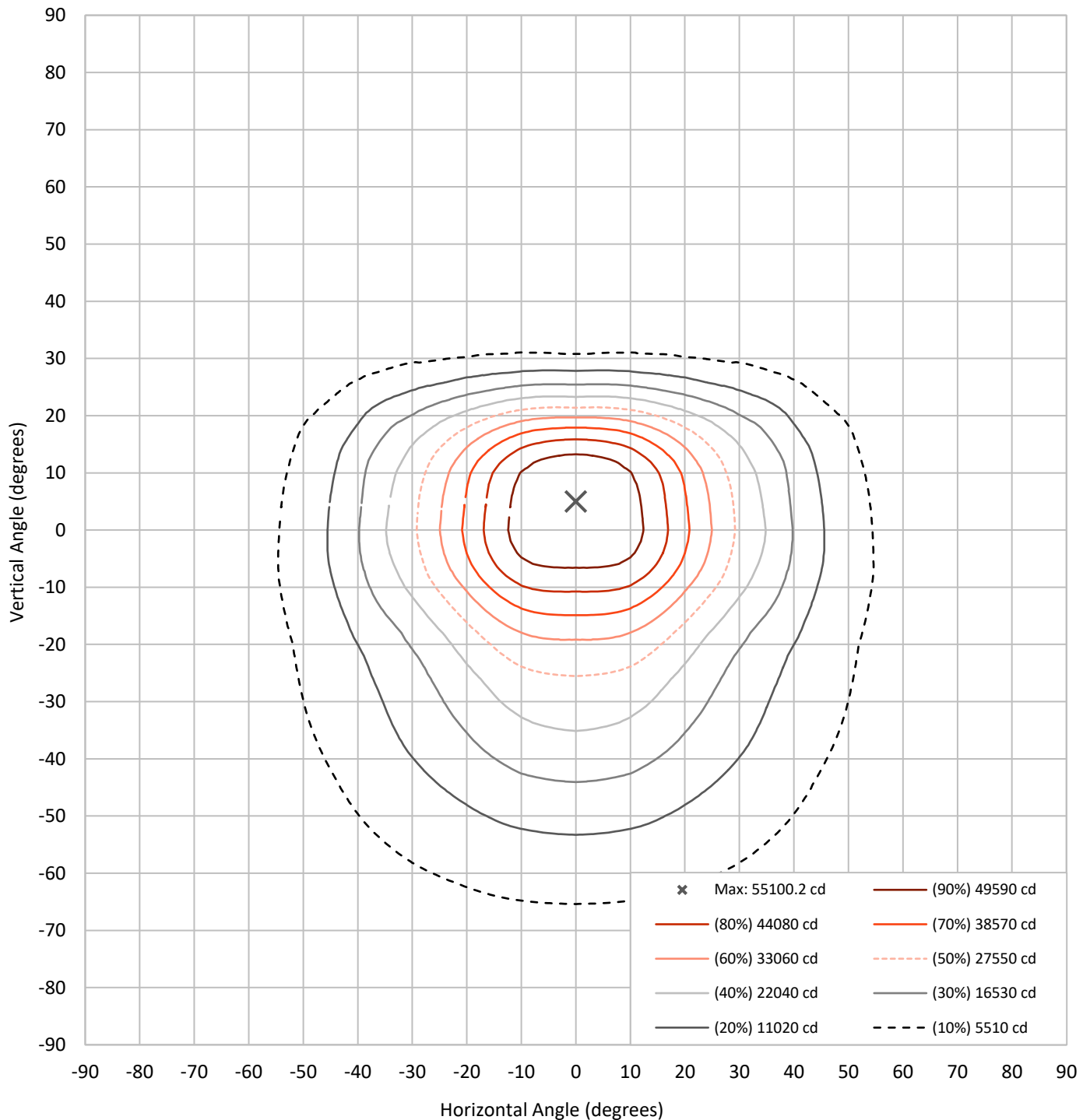
Test Method: LM-79-08
Report Number: P1305709 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-44)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-57-70-7F-CV1-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 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:	53988.9 lumens	Max Intensity:	55100.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 5°V
Efficacy:	83.3 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:	25967.5 lumens	Field Lumens:	50049.3 lumens
Beam Efficiency:	48.1%	Field Efficiency:	92.7%
Input Watts (W):	648		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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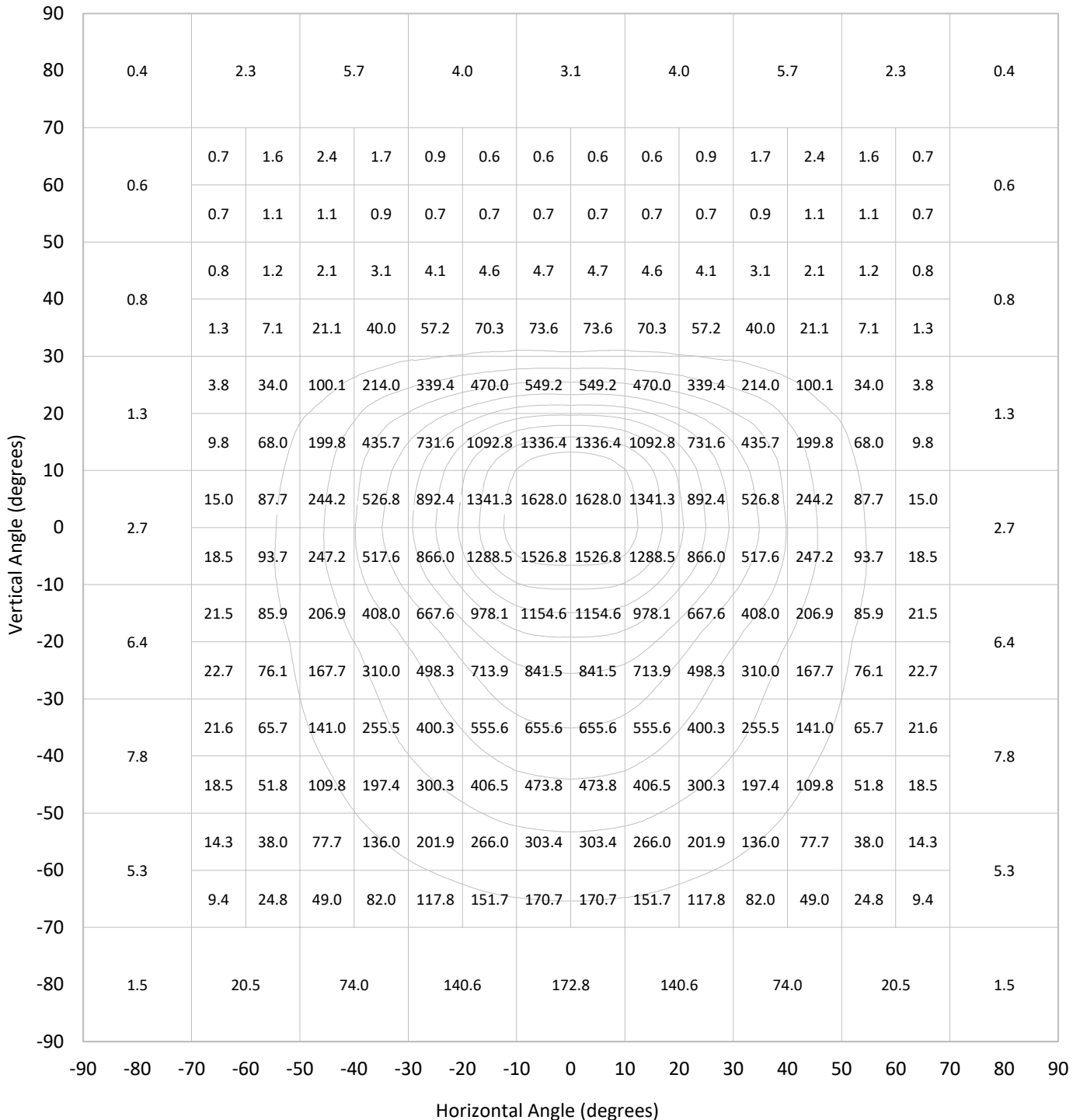
Iso-Candela Plot





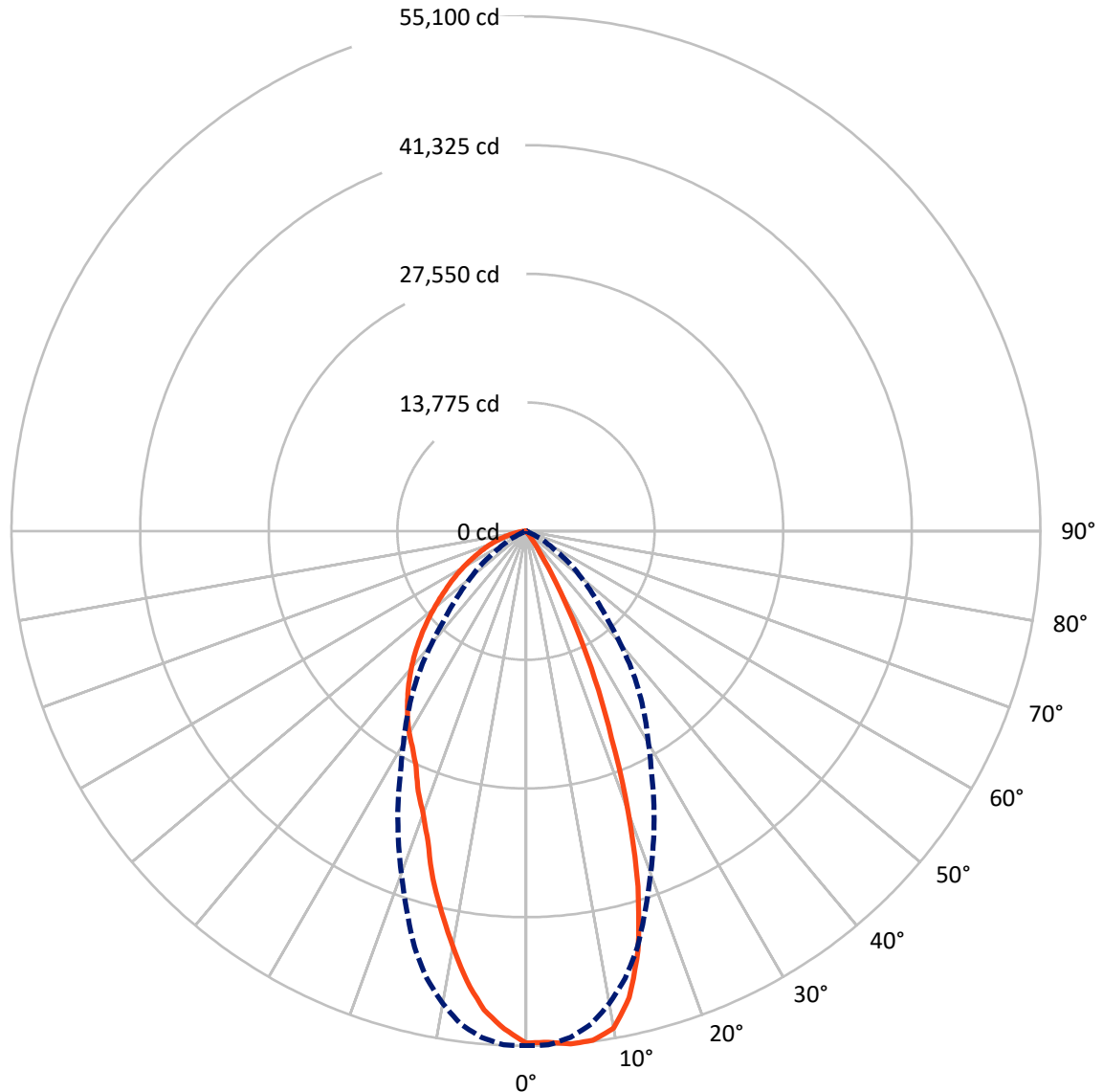
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Lumen Table



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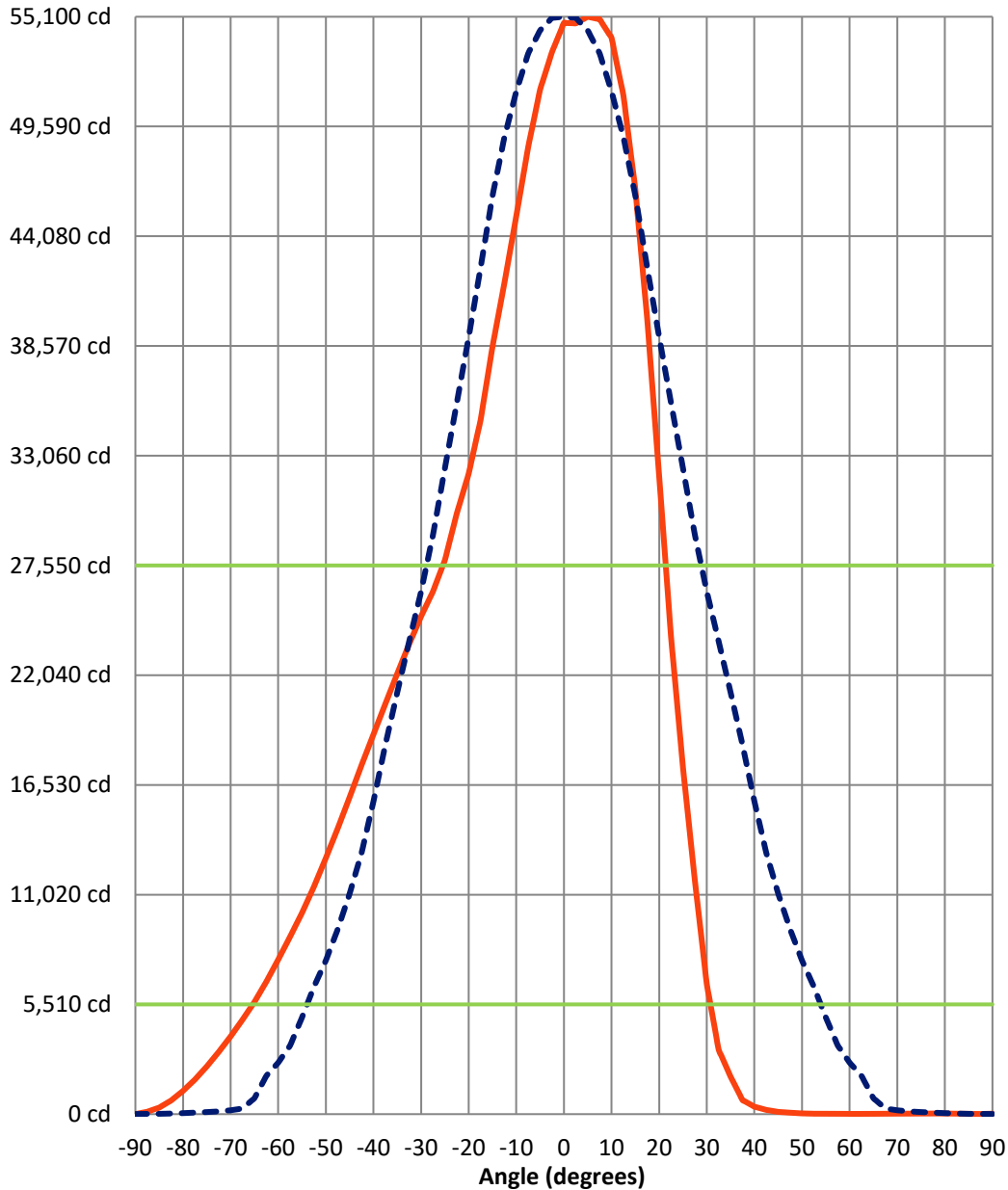
Luminous Intensity Polar Plot



— 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: 25967.5
Efficiency: 48.1%

Field:
H Angle: 107.9°
V Angle: 96.1°
Lumens: 50049.3
Efficiency: 92.7%

Spill:
Lumens: 3939.6
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°	7.6	8.5	9.4	9.9	10.4	10.8	11.3	11.8	12.3	12.7	13.2
87.5°	7.6	8.8	10.1	10.2	10.5	10.9	11.5	11.4	11.2	10.9	10.5
85°	7.6	9.1	10.7	11.4	12.4	13.8	15.4	15.7	15.7	15.6	15.3
82.5°	7.6	9.4	11.4	12.6	14.4	16.6	19.2	19.9	20.3	21.3	23.5
80°	7.6	9.6	12.0	13.8	16.3	19.4	22.7	23.1	24.9	28.4	33.5
77.5°	7.6	9.9	12.6	15.0	18.2	21.3	23.5	25.5	29.3	35.2	41.1
75°	7.6	10.2	13.2	16.2	19.7	21.6	24.3	27.7	33.1	37.7	42.3
72.5°	7.6	10.4	13.8	17.3	19.7	21.9	24.9	29.3	34.0	38.7	43.5
70°	7.6	10.7	14.4	18.2	19.7	22.2	25.5	30.0	34.9	39.7	45.7
67.5°	7.6	10.9	15.0	18.0	19.7	22.4	26.3	30.7	35.7	42.0	48.2
65°	7.6	11.2	15.5	17.8	19.6	22.8	27.1	31.3	37.6	44.1	51.0
62.5°	7.6	11.4	16.0	17.6	19.5	23.6	27.9	32.6	39.4	46.3	54.3
60°	7.6	11.6	16.5	17.3	19.3	24.3	28.6	34.1	41.1	48.8	57.3
57.5°	7.6	11.8	16.3	17.1	19.9	25.1	30.1	35.6	42.9	51.0	58.8
55°	7.6	12.0	16.2	16.8	20.6	25.8	31.6	37.3	44.5	52.8	59.7
52.5°	7.6	12.2	16.1	16.4	21.2	26.7	33.0	39.1	45.9	53.8	60.7
50°	7.6	12.4	16.0	16.1	21.8	27.9	34.5	41.2	47.0	54.8	61.0
47.5°	7.6	12.5	15.9	15.9	22.5	29.0	36.0	43.4	48.0	55.8	62.0
45°	7.6	12.7	15.8	16.3	23.1	30.2	38.1	45.8	50.7	57.8	64.0
42.5°	7.6	12.8	15.7	16.8	23.6	31.2	40.3	48.5	53.9	60.5	67.2
40°	7.6	13.0	15.7	17.5	24.3	32.3	42.5	51.5	57.9	64.0	71.4
37.5°	7.6	13.1	15.7	18.4	25.1	33.2	44.9	54.8	63.0	70.2	76.6
35°	7.6	13.2	15.7	19.3	25.8	34.8	47.3	58.4	68.4	77.7	84.1
32.5°	7.6	13.3	15.7	20.2	26.4	36.6	50.0	62.1	74.1	86.2	98.0
30°	7.6	13.3	15.8	21.2	27.0	38.4	52.9	66.2	79.9	95.4	114.0
27.5°	7.6	13.4	15.9	22.2	29.0	40.2	55.9	71.0	86.6	105.5	132.0
25°	7.6	13.4	15.9	23.2	31.2	42.0	58.9	75.8	94.7	118.9	153.6
22.5°	7.6	13.5	16.0	24.2	33.5	44.6	61.9	80.6	103.1	134.6	225.5
20°	7.6	13.5	16.1	25.2	35.8	49.4	64.9	85.3	111.7	151.0	305.9
17.5°	7.6	13.5	16.2	26.2	38.3	54.3	70.4	90.0	120.4	167.9	393.1
15°	7.6	13.5	16.3	27.2	40.8	59.3	77.5	97.2	129.1	185.1	484.8
12.5°	7.6	13.5	16.5	28.1	43.3	64.2	84.6	107.5	142.7	202.3	578.7
10°	7.6	13.4	16.6	29.0	45.7	69.0	91.5	117.8	160.1	228.8	667.2
7.5°	7.6	13.4	16.7	29.9	48.2	73.8	98.2	128.0	177.4	256.2	739.1
5°	7.6	13.3	16.9	31.4	52.7	82.8	111.1	147.5	211.0	308.4	854.8
2.5°	7.6	13.2	17.0	32.1	54.8	86.9	117.1	156.7	226.6	332.4	897.0
0°	7.6	13.4	18.3	36.0	63.7	103.9	146.5	206.0	303.5	444.6	1014.1
-2.5°	7.6	13.7	19.6	39.8	72.3	120.3	175.1	254.1	378.2	553.2	1119.7
-5°	7.6	13.9	20.8	43.4	80.5	136.1	202.6	300.2	449.5	656.7	1213.8
-7.5°	7.6	14.1	22.0	46.9	88.3	150.9	228.7	343.5	516.2	753.4	1296.4
-10°	7.6	14.3	23.2	50.0	95.4	164.6	253.0	383.6	577.5	841.9	1373.5
-12.5°	7.6	14.4	24.2	52.9	101.9	177.0	275.1	419.6	635.5	921.9	1439.5
-15°	7.6	14.6	25.2	55.5	107.7	188.0	294.8	458.1	691.5	992.6	1490.6
-17.5°	7.6	14.7	26.1	57.7	112.6	197.3	316.3	497.5	740.8	1053.2	1526.2



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.6	14.8	26.9	59.5	116.7	204.8	342.0	531.7	783.0	1102.9	1545.8
-25°	7.6	14.9	27.6	60.9	119.7	216.4	363.9	560.5	817.6	1141.0	1549.1
-27.5°	7.6	14.9	28.1	61.8	121.7	228.1	381.7	583.4	844.2	1171.0	1585.9
-30°	7.6	15.0	28.6	62.3	123.1	237.1	395.2	600.2	866.9	1197.8	1609.1
-32.5°	7.6	15.0	28.9	62.3	127.8	243.5	404.2	614.5	884.0	1213.7	1616.1
-35°	7.6	14.9	29.0	61.8	130.8	247.0	410.6	623.6	892.4	1218.5	1606.6
-37.5°	7.6	14.9	29.1	60.8	132.2	248.7	413.7	626.0	892.1	1212.1	1559.1
-40°	7.6	14.8	29.0	59.3	131.9	249.6	412.5	621.7	882.9	1200.8	1509.0
-42.5°	7.6	14.7	28.7	58.0	131.2	247.8	406.9	610.7	868.9	1159.9	1449.5
-45°	7.6	14.6	28.3	57.3	130.4	243.3	397.1	595.5	848.1	1108.4	1382.3
-47.5°	7.6	14.4	27.8	55.8	128.2	236.0	382.9	577.9	817.8	1049.8	1315.5
-50°	7.6	14.2	27.1	55.3	124.5	226.1	368.9	554.6	767.2	991.1	1240.1
-52.5°	7.6	14.0	26.2	54.7	119.5	213.5	351.8	525.7	717.9	925.8	1157.5
-55°	7.6	13.8	25.3	53.5	113.2	203.0	330.9	492.0	666.3	854.0	1074.5
-57.5°	7.6	13.5	24.2	51.7	105.5	191.2	306.5	459.5	609.8	784.3	984.1
-60°	7.6	13.2	23.0	49.4	96.9	177.5	279.6	418.6	550.6	711.2	890.5
-62.5°	7.6	12.9	22.1	46.5	90.8	161.9	257.3	373.2	495.4	632.7	797.8
-65°	7.6	12.6	21.2	43.0	83.8	144.5	232.3	328.4	436.8	559.9	699.0
-67.5°	7.6	12.3	20.3	39.1	75.9	128.4	205.1	289.8	375.0	486.0	607.0
-70°	7.6	11.9	19.2	34.8	67.2	113.9	175.7	249.2	324.8	408.6	515.8
-72.5°	7.6	11.5	18.1	31.8	57.7	98.2	151.1	207.0	272.8	345.6	425.0
-75°	7.6	11.1	17.0	29.1	47.7	81.4	126.1	170.2	219.0	280.7	348.1
-77.5°	7.6	10.7	15.8	26.2	41.2	63.8	99.7	134.8	173.6	217.2	268.9
-80°	7.6	10.3	14.6	23.1	35.3	51.2	72.3	98.4	128.0	161.4	198.6
-82.5°	7.6	9.8	13.3	19.9	29.3	41.4	56.2	67.7	81.4	104.4	130.3
-85°	7.6	9.4	12.0	16.6	23.1	31.4	41.5	49.2	57.4	66.1	75.3
-87.5°	7.6	9.0	10.7	13.3	16.7	21.1	26.4	30.5	34.9	39.5	44.3
-90°	7.6	8.5	9.4	9.0	8.5	8.1	7.6	7.1	6.7	6.2	5.7



REPORT NUMBER: P1305709 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	13.2	13.2	13.2	13.2	13.7	14.2	14.6	15.1	16.1	17.0	18.0
87.5°	11.1	11.8	12.5	13.3	12.3	11.1	9.8	8.3	8.8	9.3	9.8
85°	16.5	17.9	19.6	20.8	19.9	19.1	18.5	18.1	19.1	19.9	20.5
82.5°	25.8	27.4	28.3	28.5	29.0	29.9	31.6	34.9	37.1	38.5	39.3
80°	35.9	37.0	37.8	40.3	44.8	50.1	56.0	62.5	64.6	64.8	64.1
77.5°	42.2	44.4	48.9	55.5	62.9	70.4	78.6	87.6	90.2	89.4	87.7
75°	45.8	51.2	59.0	68.6	78.4	88.4	99.2	109.2	112.1	108.9	104.7
72.5°	49.3	57.6	67.9	80.3	91.1	101.4	113.0	125.6	130.0	123.6	116.0
70°	52.9	63.2	75.1	87.3	99.6	111.3	122.6	134.7	141.9	131.9	116.6
67.5°	55.9	67.9	80.5	93.0	104.2	115.7	128.4	133.5	136.8	120.6	103.3
65°	59.4	72.1	83.6	94.8	106.6	111.4	115.5	119.9	119.3	100.7	82.3
62.5°	62.9	73.4	84.3	93.1	96.0	98.8	98.8	96.0	91.5	78.7	62.9
60°	64.2	73.3	80.8	83.7	84.4	81.7	78.2	74.6	69.1	58.4	47.6
57.5°	65.0	69.8	73.3	74.2	70.9	65.6	63.1	57.5	52.7	46.5	37.6
55°	64.6	64.0	66.0	64.3	60.5	56.1	51.6	47.9	42.1	40.2	36.2
52.5°	62.9	60.0	59.1	57.2	54.6	50.1	45.7	42.7	41.4	39.1	35.8
50°	62.3	58.6	54.1	54.0	51.9	48.6	43.9	43.4	43.5	41.4	37.5
47.5°	63.1	58.7	53.0	53.1	53.3	54.5	50.6	48.8	49.5	55.0	49.1
45°	65.2	62.9	56.9	56.7	62.0	69.0	75.3	57.9	75.4	84.1	91.0
42.5°	68.6	69.7	72.8	62.0	82.0	107.2	119.3	125.5	119.0	146.6	175.0
40°	76.2	78.9	100.0	108.2	116.7	169.0	241.4	258.4	196.3	273.0	320.4
37.5°	85.6	112.2	148.9	193.2	189.2	298.3	411.7	498.7	490.1	463.4	663.6
35°	96.3	153.3	252.2	351.0	394.3	497.7	706.9	858.5	948.6	1003.1	1168.0
32.5°	126.0	202.0	381.4	591.3	772.0	874.5	1072.0	1404.2	1718.5	1906.1	1904.3
30°	178.0	321.9	563.7	886.2	1237.5	1525.6	1689.0	2115.8	2714.8	3140.8	3424.7
27.5°	255.0	467.6	845.0	1312.1	1804.3	2293.4	2619.4	3174.1	3980.1	4629.4	5235.9
25°	349.1	698.9	1161.7	1818.7	2542.3	3163.7	3632.7	4403.6	5424.9	6443.2	7457.9
22.5°	498.8	967.7	1513.3	2372.4	3356.9	4063.1	4752.0	5691.6	6872.9	8302.4	9849.5
20°	707.5	1280.4	1888.6	2807.0	4171.4	4978.7	5824.4	6945.9	8323.6	10061.1	12126.6
17.5°	933.0	1575.6	2256.8	3280.5	4611.8	5730.4	6866.0	8144.1	9688.0	11703.7	13928.6
15°	1170.1	1853.3	2585.6	3703.2	5024.0	6232.5	7576.2	9238.5	11059.2	13239.0	15566.4
12.5°	1413.3	2113.3	2877.0	4075.6	5417.5	6687.4	8120.5	9849.3	11967.4	14524.3	16967.6
10°	1656.5	2355.5	3133.1	4398.3	5786.6	7094.2	8587.8	10356.7	12511.7	15073.5	17714.4
7.5°	1805.5	2515.3	3342.4	4672.4	6125.2	7451.9	8980.2	10764.4	12888.7	15466.1	18187.8
5°	1918.3	2587.2	3451.2	4859.0	6392.8	7717.0	9286.3	11076.8	13115.7	15705.3	18547.4
2.5°	2006.0	2640.1	3538.1	4997.9	6595.1	7861.0	9468.6	11276.7	13352.2	16002.7	18910.4
0°	2067.8	2675.9	3601.2	5093.1	6747.3	7954.0	9587.5	11396.6	13517.3	16261.1	19233.5
-2.5°	2128.0	2786.5	3729.5	5214.5	6769.2	7967.9	9632.7	11401.5	13517.2	16211.0	19099.6
-5°	2165.7	2878.7	3830.8	5290.9	6746.8	7939.3	9607.7	11333.1	13369.9	15917.1	18603.3
-7.5°	2185.3	2949.1	3903.9	5302.5	6630.2	7771.8	9307.4	10929.3	12883.7	15270.5	17747.3
-10°	2195.7	2991.6	3896.1	5142.8	6388.2	7502.6	8906.5	10460.3	12301.3	14520.9	16812.5
-12.5°	2224.6	3014.6	3860.9	4968.6	6125.4	7198.2	8461.8	9933.1	11625.7	13682.5	15785.0
-15°	2240.2	3026.2	3811.8	4788.8	5849.1	6861.0	7980.4	9353.0	10893.9	12733.8	14599.2
-17.5°	2244.6	3028.3	3752.0	4611.7	5566.1	6493.5	7506.8	8856.0	10258.9	11847.7	13438.6
-20°	2239.7	3022.7	3684.3	4445.0	5287.9	6226.5	7249.5	8426.5	9682.4	11025.8	12351.3



REPORT NUMBER: P1305709 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2227.3	3010.8	3627.2	4326.7	5154.3	6051.6	6992.6	8011.0	9091.7	10258.3	11602.5
-25°	2221.1	2967.6	3589.0	4243.0	5025.0	5867.6	6722.5	7627.3	8569.5	9791.2	11073.2
-27.5°	2211.4	2921.9	3514.0	4126.9	4875.4	5681.8	6483.5	7309.4	8276.7	9374.3	10564.0
-30°	2182.2	2811.4	3412.1	3990.9	4717.2	5494.0	6259.6	7044.8	7960.0	8994.8	10098.6
-32.5°	2100.1	2686.1	3276.6	3858.0	4526.6	5288.2	6028.5	6789.8	7638.8	8566.0	9627.9
-35°	2008.2	2556.8	3124.7	3693.3	4304.1	5038.6	5758.9	6494.7	7282.8	8152.7	9142.7
-37.5°	1941.3	2417.9	2962.0	3507.7	4093.9	4746.5	5452.8	6161.1	6907.2	7736.2	8672.5
-40°	1861.7	2269.9	2796.9	3319.2	3852.8	4454.5	5114.3	5794.2	6494.7	7321.3	8179.3
-42.5°	1772.6	2166.9	2625.8	3119.3	3622.6	4169.4	4758.3	5405.1	6108.0	6877.0	7682.6
-45°	1695.7	2051.0	2454.6	2916.5	3384.0	3879.4	4425.5	5003.8	5698.1	6413.6	7161.7
-47.5°	1608.2	1930.0	2309.6	2702.0	3142.4	3599.3	4082.3	4645.5	5262.3	5932.3	6618.5
-50°	1513.7	1820.4	2144.1	2509.0	2899.3	3317.5	3758.5	4272.4	4835.3	5434.0	6065.5
-52.5°	1418.6	1699.5	1997.4	2315.1	2669.5	3045.3	3453.8	3911.5	4409.7	4934.2	5491.5
-55°	1314.3	1576.7	1847.8	2135.9	2445.0	2786.0	3151.2	3560.4	3988.7	4464.3	4932.9
-57.5°	1207.2	1444.5	1694.6	1961.3	2239.2	2529.1	2860.1	3206.7	3593.7	4000.1	4413.7
-60°	1095.3	1307.9	1534.5	1779.8	2037.9	2299.1	2567.3	2874.3	3202.9	3540.7	3910.3
-62.5°	978.0	1168.8	1371.4	1588.9	1825.2	2061.6	2302.0	2556.0	2822.2	3125.5	3434.0
-65°	861.7	1026.1	1206.5	1399.9	1602.3	1814.6	2030.2	2247.8	2480.7	2730.6	2990.3
-67.5°	739.2	887.6	1042.8	1207.0	1386.7	1566.9	1755.1	1951.8	2149.7	2352.2	2565.4
-70°	628.8	746.5	881.7	1025.1	1170.2	1317.8	1480.4	1649.3	1821.8	1994.0	2171.2
-72.5°	517.5	618.7	726.8	841.4	963.2	1084.7	1211.6	1343.4	1483.4	1628.5	1775.7
-75°	416.4	488.1	576.7	672.2	765.3	856.8	952.0	1059.1	1170.0	1281.8	1393.3
-77.5°	323.0	380.1	441.7	507.5	572.2	645.7	721.0	797.8	878.1	960.6	1044.0
-80°	233.8	270.0	315.4	364.5	411.5	459.0	507.9	557.9	610.3	668.1	730.4
-82.5°	154.9	180.7	207.7	236.0	262.1	288.1	316.0	350.0	384.4	419.6	455.7
-85°	82.9	90.5	106.4	123.3	139.9	156.7	173.4	190.1	207.1	223.7	239.8
-87.5°	48.1	51.9	55.8	59.8	63.9	68.2	72.3	76.5	82.2	87.9	93.6
-90°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	18.9	19.4	19.9	20.3	20.8	21.3	21.8	22.2	22.7	23.2	23.6
87.5°	10.3	9.6	8.8	8.1	7.3	9.5	11.8	14.1	16.5	15.3	14.0
85°	20.9	21.1	21.2	21.3	21.3	23.8	26.3	28.7	31.0	28.7	26.1
82.5°	39.5	38.9	37.6	35.6	32.9	32.3	31.5	30.3	28.8	27.5	26.4
80°	62.7	59.5	55.4	50.5	45.0	42.2	39.6	36.7	33.5	32.6	31.8
77.5°	84.3	78.4	71.5	64.0	55.9	50.9	46.4	41.5	36.3	34.8	33.9
75°	99.5	92.1	82.1	71.5	60.3	52.5	46.3	40.2	34.0	32.5	32.3
72.5°	107.4	97.2	84.5	69.6	55.4	46.0	40.2	35.0	30.3	28.6	28.0
70°	101.0	85.4	70.8	57.1	44.4	36.0	31.9	28.3	25.1	24.3	24.7
67.5°	85.3	69.6	56.3	44.5	34.4	27.6	25.2	23.3	21.8	21.4	21.3
65°	66.6	53.4	42.6	33.7	26.5	22.3	21.4	20.6	19.9	19.2	18.6
62.5°	49.2	39.1	32.3	27.2	23.3	20.8	20.1	19.3	18.3	17.4	16.6
60°	38.2	30.4	26.9	24.7	22.8	21.1	20.4	20.0	19.7	19.4	18.8
57.5°	33.3	29.3	26.1	24.8	23.8	23.0	22.6	22.2	21.5	20.7	20.1
55°	32.5	29.4	26.6	25.9	25.4	24.8	24.2	23.5	22.8	22.0	21.7
52.5°	32.6	31.2	29.1	28.1	28.5	27.8	26.2	27.0	27.2	26.4	26.0
50°	36.8	37.1	37.6	34.5	37.7	39.1	37.2	38.7	41.1	41.4	41.2
47.5°	52.1	55.6	60.1	56.6	60.8	67.1	66.6	67.0	72.7	73.4	73.2
45°	83.1	98.2	105.3	109.4	107.8	122.5	125.3	120.5	128.3	129.8	127.5
42.5°	166.5	174.8	193.6	208.5	200.0	215.1	219.5	205.9	219.2	225.2	218.7
40°	372.9	296.5	352.0	390.4	377.0	347.7	398.5	380.3	378.6	399.7	383.1
37.5°	736.2	653.4	710.3	819.9	815.9	678.0	831.8	821.8	690.8	846.1	832.6
35°	1320.3	1473.2	1405.0	1609.7	1669.0	1699.8	1785.2	1873.3	1776.8	1903.9	1900.6
32.5°	2364.1	2681.3	2821.5	2846.5	3109.2	3323.3	3232.6	3576.1	3555.1	3641.0	3728.8
30°	3732.2	4439.4	4797.3	4806.3	5242.1	5625.7	5747.5	6178.5	6433.4	6391.1	6818.0
27.5°	5954.6	6649.5	7238.9	7742.0	8081.6	8686.5	9528.5	9953.3	10579.7	10825.3	11415.4
25°	8465.8	9329.1	10259.7	11135.1	11853.9	12937.5	13985.4	14646.1	15542.2	16244.5	16958.1
22.5°	11186.3	12331.5	13525.5	14835.0	16171.9	17493.9	18766.7	19987.5	21182.2	22501.8	23308.5
20°	13967.6	15262.0	16715.4	18490.1	20344.9	21939.1	23677.6	25591.7	27421.8	29125.1	30411.7
17.5°	16081.2	18084.2	19658.8	21578.6	23882.1	26127.8	28344.1	30868.4	33196.6	35368.3	37305.0
15°	17695.2	19795.0	22077.0	24394.4	26821.0	29494.9	32543.6	35305.8	38181.7	40735.9	43127.9
12.5°	19102.1	21233.8	23622.1	26324.8	29385.4	32256.3	35451.4	38905.8	41957.1	44957.6	47201.9
10°	20140.4	22508.4	24929.7	27647.1	30768.2	34119.9	37582.6	41074.4	44495.7	47392.2	49803.4
7.5°	20713.2	23228.1	25761.3	28599.1	31807.9	35104.7	38563.8	42209.5	45653.3	48636.2	50850.6
5°	21179.4	23736.2	26240.2	29089.2	32432.6	35707.5	39021.2	42500.7	46106.6	49048.7	51352.6
2.5°	21586.3	24081.0	26523.5	29297.4	32742.9	36032.4	39439.4	43046.4	46533.4	49371.5	51614.1
0°	21939.6	24294.5	26683.3	29432.8	33035.9	36365.2	39717.2	43246.6	46798.7	49563.3	51833.2
-2.5°	21684.0	23993.0	26346.9	29157.3	32593.5	35868.5	39239.3	42813.4	46178.1	48978.3	51179.0
-5°	21017.8	23241.9	25579.2	28382.9	31662.9	34870.7	38196.7	41639.4	44802.1	47601.7	49626.1
-7.5°	20043.6	22220.9	24549.2	27308.9	30361.0	33272.5	36245.0	39436.2	42584.3	45056.1	46984.2
-10°	18960.8	21033.0	23176.0	25603.1	28305.7	31025.0	33756.3	36722.9	39496.7	41817.6	43673.7
-12.5°	17675.1	19515.9	21489.1	23606.0	26087.1	28677.1	31281.7	33880.2	36438.4	38526.3	40207.7
-15°	16286.5	17914.3	19716.4	21764.1	23974.8	26260.3	28609.7	31091.2	33395.1	35339.9	36822.4
-17.5°	14916.7	16374.3	18205.9	20067.7	21854.2	23950.0	26286.6	28338.6	30441.1	32187.6	33497.1
-20°	13755.4	15323.6	16916.2	18506.9	20213.5	22251.1	24232.3	26166.9	28035.3	29625.5	30927.6



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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°	12998.4	14376.2	15735.2	17239.8	18974.7	20772.8	22565.9	24324.8	26015.8	27526.3	28764.8
-25°	12310.0	13476.0	14821.7	16349.4	17814.4	19391.5	21084.5	22554.7	24158.7	25526.7	26586.3
-27.5°	11708.2	12862.1	14182.8	15556.8	16881.8	18303.3	19845.4	21248.6	22692.0	24007.4	24932.0
-30°	11184.2	12379.6	13621.5	14878.5	16126.3	17441.6	18781.8	20138.0	21462.4	22655.0	23543.7
-32.5°	10737.7	11859.1	13023.8	14193.5	15331.3	16529.3	17772.5	19019.4	20246.4	21289.9	22160.0
-35°	10230.0	11303.6	12385.8	13436.3	14490.1	15561.7	16715.6	17882.8	18980.6	19933.4	20782.8
-37.5°	9663.4	10697.8	11685.5	12641.8	13618.7	14609.6	15678.3	16750.7	17759.0	18621.4	19431.2
-40°	9099.6	10042.1	10936.7	11829.2	12724.8	13652.8	14619.4	15579.6	16464.7	17280.4	18035.1
-42.5°	8513.7	9338.7	10152.9	10983.8	11810.0	12646.8	13510.4	14383.6	15172.3	15916.3	16585.2
-45°	7922.6	8630.6	9350.0	10111.1	10865.4	11616.7	12364.3	13101.4	13839.9	14533.1	15098.2
-47.5°	7294.0	7933.0	8586.0	9240.4	9916.4	10602.2	11255.8	11893.8	12546.0	13165.6	13632.4
-50°	6659.7	7251.2	7841.5	8418.1	9015.7	9618.9	10214.3	10775.9	11322.3	11849.2	12214.2
-52.5°	6020.8	6567.8	7108.8	7630.2	8148.7	8662.8	9167.3	9665.5	10144.4	10595.9	10885.3
-55°	5414.1	5902.0	6377.5	6833.0	7290.6	7742.1	8187.1	8622.9	9036.2	9424.4	9647.6
-57.5°	4843.4	5268.4	5684.8	6076.9	6460.0	6832.1	7225.4	7621.4	7993.4	8327.1	8507.0
-60°	4287.4	4670.2	5027.6	5355.4	5683.8	6010.6	6341.9	6669.0	6987.5	7264.6	7419.4
-62.5°	3740.6	4067.7	4371.9	4653.9	4925.2	5195.1	5482.5	5758.3	6020.7	6234.6	6365.8
-65°	3261.5	3538.6	3766.4	3990.9	4213.8	4451.1	4689.8	4917.5	5133.1	5300.6	5411.2
-67.5°	2795.7	3023.6	3213.2	3399.5	3586.1	3774.7	3967.0	4153.2	4332.1	4467.6	4563.6
-70°	2352.8	2525.0	2673.5	2825.2	2979.8	3134.0	3288.4	3437.2	3579.1	3682.4	3759.7
-72.5°	1924.4	2057.5	2173.1	2290.8	2407.0	2526.5	2646.1	2761.1	2870.6	2944.5	2998.7
-75°	1504.1	1600.7	1693.3	1783.2	1869.8	1958.7	2046.7	2130.8	2210.5	2266.5	2311.1
-77.5°	1132.4	1200.9	1261.4	1320.7	1378.3	1440.1	1500.4	1557.4	1610.6	1649.6	1682.4
-80°	793.2	837.5	876.1	912.4	946.3	984.6	1022.0	1057.5	1090.6	1113.3	1131.4
-82.5°	492.3	518.3	541.4	562.8	582.2	602.3	620.9	637.8	652.9	670.7	687.2
-85°	255.3	266.1	275.9	285.0	293.4	301.6	309.0	315.6	321.4	324.6	326.9
-87.5°	99.3	101.8	104.1	106.2	108.1	110.7	113.1	115.4	117.5	119.5	121.2
-90°	5.7	5.2	4.8	4.3	3.8	3.8	3.8	3.8	3.8	3.8	3.8



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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°	24.1	24.5	24.5	24.5	24.5	24.5	24.1	23.6	23.2	22.7	22.2
87.5°	12.7	11.3	10.3	9.4	10.3	11.3	12.7	14.0	15.3	16.5	14.1
85°	23.5	20.7	18.9	17.0	18.9	20.7	23.5	26.1	28.7	31.0	28.7
82.5°	25.4	24.5	24.5	24.5	24.5	24.5	25.4	26.4	27.5	28.8	30.3
80°	31.0	30.1	31.1	32.1	31.1	30.1	31.0	31.8	32.6	33.5	36.7
77.5°	33.0	32.1	32.1	32.1	32.1	32.1	33.0	33.9	34.8	36.3	41.5
75°	32.2	32.1	31.2	30.2	31.2	32.1	32.2	32.3	32.5	34.0	40.2
72.5°	27.3	26.6	26.4	26.4	26.4	26.6	27.3	28.0	28.6	30.3	35.0
70°	25.4	26.3	25.5	24.5	25.5	26.3	25.4	24.7	24.3	25.1	28.3
67.5°	21.2	21.0	20.8	20.8	20.8	21.0	21.2	21.3	21.4	21.8	23.3
65°	17.9	17.2	17.0	17.0	17.0	17.2	17.9	18.6	19.2	19.9	20.6
62.5°	15.9	15.3	15.1	15.1	15.1	15.3	15.9	16.6	17.4	18.3	19.3
60°	18.1	17.2	16.2	15.1	16.2	17.2	18.1	18.8	19.4	19.7	20.0
57.5°	19.5	19.0	18.9	18.9	18.9	19.0	19.5	20.1	20.7	21.5	22.2
55°	21.3	20.9	20.8	20.8	20.8	20.9	21.3	21.7	22.0	22.8	23.5
52.5°	25.5	24.7	23.8	22.7	23.8	24.7	25.5	26.0	26.4	27.2	27.0
50°	40.4	38.5	37.5	37.8	37.5	38.5	40.4	41.2	41.4	41.1	38.7
47.5°	74.6	74.5	74.1	73.6	74.1	74.5	74.6	73.2	73.4	72.7	67.0
45°	126.9	121.8	116.9	115.2	116.9	121.8	126.9	127.5	129.8	128.3	120.5
42.5°	223.0	221.8	217.9	213.4	217.9	221.8	223.0	218.7	225.2	219.2	205.9
40°	387.5	382.3	373.2	375.8	373.2	382.3	387.5	383.1	399.7	378.6	380.3
37.5°	807.1	768.3	709.6	710.0	709.6	768.3	807.1	832.6	846.1	690.8	821.8
35°	1889.0	1920.7	1883.2	1882.8	1883.2	1920.7	1889.0	1900.6	1903.9	1776.8	1873.3
32.5°	3615.0	3562.5	3349.6	3238.6	3349.6	3562.5	3615.0	3728.8	3641.0	3555.1	3576.1
30°	6810.4	6844.2	6524.9	6532.0	6524.9	6844.2	6810.4	6818.0	6391.1	6433.4	6178.5
27.5°	11653.4	11912.7	11844.5	11730.8	11844.5	11912.7	11653.4	11415.4	10825.3	10579.7	9953.3
25°	17426.1	17621.4	17490.7	17411.2	17490.7	17621.4	17426.1	16958.1	16244.5	15542.2	14646.1
22.5°	24091.9	24363.8	24295.5	23950.8	24295.5	24363.8	24091.9	23308.5	22501.8	21182.2	19987.5
20°	31471.1	31936.8	32207.4	32033.2	32207.4	31936.8	31471.1	30411.7	29125.1	27421.8	25591.7
17.5°	38680.5	39281.0	39741.6	39896.6	39741.6	39281.0	38680.5	37305.0	35368.3	33196.6	30868.4
15°	44742.7	45601.6	46206.5	46421.0	46206.5	45601.6	44742.7	43127.9	40735.9	38181.7	35305.8
12.5°	49093.2	50211.1	50920.5	51133.6	50920.5	50211.1	49093.2	47201.9	44957.6	41957.1	38905.8
10°	51485.6	52894.6	53702.1	54038.9	53702.1	52894.6	51485.6	49803.4	47392.2	44495.7	41074.4
7.5°	52822.2	54094.9	54857.9	54970.8	54857.9	54094.9	52822.2	50850.6	48636.2	45653.3	42209.5
5°	53255.9	54412.2	55042.0	55100.2	55042.0	54412.2	53255.9	51352.6	49048.7	46106.6	42500.7
2.5°	53446.0	54423.1	54887.6	54768.8	54887.6	54423.1	53446.0	51614.1	49371.5	46533.4	43046.4
0°	53348.7	54222.1	54715.0	54788.6	54715.0	54222.1	53348.7	51833.2	49563.3	46798.7	43246.6
-2.5°	52556.5	53206.9	53556.4	53331.7	53556.4	53206.9	52556.5	51179.0	48978.3	46178.1	42813.4
-5°	50750.2	51218.1	51364.1	51446.1	51364.1	51218.1	50750.2	49626.1	47601.7	44802.1	41639.4
-7.5°	48139.5	48521.4	48665.5	48564.4	48665.5	48521.4	48139.5	46984.2	45056.1	42584.3	39436.2
-10°	44698.5	45048.4	45170.7	45101.0	45170.7	45048.4	44698.5	43673.7	41817.6	39496.7	36722.9
-12.5°	41215.3	41630.0	41725.2	41731.1	41725.2	41630.0	41215.3	40207.7	38526.3	36438.4	33880.2
-15°	37791.2	38265.3	38410.3	38536.9	38410.3	38265.3	37791.2	36822.4	35339.9	33395.1	31091.2
-17.5°	34426.6	34897.6	35019.8	34854.5	35019.8	34897.6	34426.6	33497.1	32187.6	30441.1	28338.6
-20°	31660.9	31905.1	32165.6	32163.5	32165.6	31905.1	31660.9	30927.6	29625.5	28035.3	26166.9



REPORT NUMBER: P1305709 (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°	29376.7	29780.4	30002.2	30159.9	30002.2	29780.4	29376.7	28764.8	27526.3	26015.8	24324.8
-25°	27234.4	27577.2	27715.1	27820.1	27715.1	27577.2	27234.4	26586.3	25526.7	24158.7	22554.7
-27.5°	25584.1	25932.0	26128.7	26245.2	26128.7	25932.0	25584.1	24932.0	24007.4	22692.0	21248.6
-30°	24267.9	24609.7	24844.1	24991.3	24844.1	24609.7	24267.9	23543.7	22655.0	21462.4	20138.0
-32.5°	22849.7	23207.2	23451.5	23603.3	23451.5	23207.2	22849.7	22160.0	21289.9	20246.4	19019.4
-35°	21375.9	21733.5	21997.2	22120.9	21997.2	21733.5	21375.9	20782.8	19933.4	18980.6	17882.8
-37.5°	19944.2	20278.0	20511.0	20602.6	20511.0	20278.0	19944.2	19431.2	18621.4	17759.0	16750.7
-40°	18451.7	18766.6	18983.1	19067.3	18983.1	18766.6	18451.7	18035.1	17280.4	16464.7	15579.6
-42.5°	16946.7	17240.6	17440.5	17524.5	17440.5	17240.6	16946.7	16585.2	15916.3	15172.3	14383.6
-45°	15422.3	15683.6	15852.9	15917.5	15852.9	15683.6	15422.3	15098.2	14533.1	13839.9	13101.4
-47.5°	13921.8	14157.5	14302.9	14350.1	14302.9	14157.5	13921.8	13632.4	13165.6	12546.0	11893.8
-50°	12457.0	12650.1	12783.2	12858.2	12783.2	12650.1	12457.0	12214.2	11849.2	11322.3	10775.9
-52.5°	11102.2	11277.6	11382.0	11423.0	11382.0	11277.6	11102.2	10885.3	10595.9	10144.4	9665.5
-55°	9832.5	9984.2	10073.0	10108.7	10073.0	9984.2	9832.5	9647.6	9424.4	9036.2	8622.9
-57.5°	8659.8	8784.2	8867.9	8915.2	8867.9	8784.2	8659.8	8507.0	8327.1	7993.4	7621.4
-60°	7548.1	7650.0	7720.2	7761.4	7720.2	7650.0	7548.1	7419.4	7264.6	6987.5	6669.0
-62.5°	6474.8	6561.4	6618.3	6651.0	6618.3	6561.4	6474.8	6365.8	6234.6	6020.7	5758.3
-65°	5504.5	5580.4	5617.1	5631.3	5617.1	5580.4	5504.5	5411.2	5300.6	5133.1	4917.5
-67.5°	4646.1	4714.4	4739.2	4743.7	4739.2	4714.4	4646.1	4563.6	4467.6	4332.1	4153.2
-70°	3826.5	3882.2	3901.1	3903.4	3901.1	3882.2	3826.5	3759.7	3682.4	3579.1	3437.2
-72.5°	3043.4	3078.5	3105.6	3123.4	3105.6	3078.5	3043.4	2998.7	2944.5	2870.6	2761.1
-75°	2348.5	2378.6	2391.6	2396.4	2391.6	2378.6	2348.5	2311.1	2266.5	2210.5	2130.8
-77.5°	1710.3	1733.2	1738.4	1737.3	1738.4	1733.2	1710.3	1682.4	1649.6	1610.6	1557.4
-80°	1145.8	1156.4	1163.3	1167.0	1163.3	1156.4	1145.8	1131.4	1113.3	1090.6	1057.5
-82.5°	702.0	714.9	701.6	685.5	701.6	714.9	702.0	687.2	670.7	652.9	637.8
-85°	328.3	328.9	330.1	330.5	330.1	328.9	328.3	326.9	324.6	321.4	315.6
-87.5°	122.8	124.2	123.6	122.7	123.6	124.2	122.8	121.2	119.5	117.5	115.4
-90°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	21.8	21.3	20.8	20.3	19.9	19.4	18.9	18.0	17.0	16.1	15.1
87.5°	11.8	9.5	7.3	8.1	8.8	9.6	10.3	9.8	9.3	8.8	8.3
85°	26.3	23.8	21.3	21.3	21.2	21.1	20.9	20.5	19.9	19.1	18.1
82.5°	31.5	32.3	32.9	35.6	37.6	38.9	39.5	39.3	38.5	37.1	34.9
80°	39.6	42.2	45.0	50.5	55.4	59.5	62.7	64.1	64.8	64.6	62.5
77.5°	46.4	50.9	55.9	64.0	71.5	78.4	84.3	87.7	89.4	90.2	87.6
75°	46.3	52.5	60.3	71.5	82.1	92.1	99.5	104.7	108.9	112.1	109.2
72.5°	40.2	46.0	55.4	69.6	84.5	97.2	107.4	116.0	123.6	130.0	125.6
70°	31.9	36.0	44.4	57.1	70.8	85.4	101.0	116.6	131.9	141.9	134.7
67.5°	25.2	27.6	34.4	44.5	56.3	69.6	85.3	103.3	120.6	136.8	133.5
65°	21.4	22.3	26.5	33.7	42.6	53.4	66.6	82.3	100.7	119.3	119.9
62.5°	20.1	20.8	23.3	27.2	32.3	39.1	49.2	62.9	78.7	91.5	96.0
60°	20.4	21.1	22.8	24.7	26.9	30.4	38.2	47.6	58.4	69.1	74.6
57.5°	22.6	23.0	23.8	24.8	26.1	29.3	33.3	37.6	46.5	52.7	57.5
55°	24.2	24.8	25.4	25.9	26.6	29.4	32.5	36.2	40.2	42.1	47.9
52.5°	26.2	27.8	28.5	28.1	29.1	31.2	32.6	35.8	39.1	41.4	42.7
50°	37.2	39.1	37.7	34.5	37.6	37.1	36.8	37.5	41.4	43.5	43.4
47.5°	66.6	67.1	60.8	56.6	60.1	55.6	52.1	49.1	55.0	49.5	48.8
45°	125.3	122.5	107.8	109.4	105.3	98.2	83.1	91.0	84.1	75.4	57.9
42.5°	219.5	215.1	200.0	208.5	193.6	174.8	166.5	175.0	146.6	119.0	125.5
40°	398.5	347.7	377.0	390.4	352.0	296.5	372.9	320.4	273.0	196.3	258.4
37.5°	831.8	678.0	815.9	819.9	710.3	653.4	736.2	663.6	463.4	490.1	498.7
35°	1785.2	1699.8	1669.0	1609.7	1405.0	1473.2	1320.3	1168.0	1003.1	948.6	858.5
32.5°	3232.6	3323.3	3109.2	2846.5	2821.5	2681.3	2364.1	1904.3	1906.1	1718.5	1404.2
30°	5747.5	5625.7	5242.1	4806.3	4797.3	4439.4	3732.2	3424.7	3140.8	2714.8	2115.8
27.5°	9528.5	8686.5	8081.6	7742.0	7238.9	6649.5	5954.6	5235.9	4629.4	3980.1	3174.1
25°	13985.4	12937.5	11853.9	11135.1	10259.7	9329.1	8465.8	7457.9	6443.2	5424.9	4403.6
22.5°	18766.7	17493.9	16171.9	14835.0	13525.5	12331.5	11186.3	9849.5	8302.4	6872.9	5691.6
20°	23677.6	21939.1	20344.9	18490.1	16715.4	15262.0	13967.6	12126.6	10061.1	8323.6	6945.9
17.5°	28344.1	26127.8	23882.1	21578.6	19658.8	18084.2	16081.2	13928.6	11703.7	9688.0	8144.1
15°	32543.6	29494.9	26821.0	24394.4	22077.0	19795.0	17695.2	15566.4	13239.0	11059.2	9238.5
12.5°	35451.4	32256.3	29385.4	26324.8	23622.1	21233.8	19102.1	16967.6	14524.3	11967.4	9849.3
10°	37582.6	34119.9	30768.2	27647.1	24929.7	22508.4	20140.4	17714.4	15073.5	12511.7	10356.7
7.5°	38563.8	35104.7	31807.9	28599.1	25761.3	23228.1	20713.2	18187.8	15466.1	12888.7	10764.4
5°	39021.2	35707.5	32432.6	29089.2	26240.2	23736.2	21179.4	18547.4	15705.3	13115.7	11076.8
2.5°	39439.4	36032.4	32742.9	29297.4	26523.5	24081.0	21586.3	18910.4	16002.7	13352.2	11276.7
0°	39717.2	36365.2	33035.9	29432.8	26683.3	24294.5	21939.6	19233.5	16261.1	13517.3	11396.6
-2.5°	39239.3	35868.5	32593.5	29157.3	26346.9	23993.0	21684.0	19099.6	16211.0	13517.2	11401.5
-5°	38196.7	34870.7	31662.9	28382.9	25579.2	23241.9	21017.8	18603.3	15917.1	13369.9	11333.1
-7.5°	36245.0	33272.5	30361.0	27308.9	24549.2	22220.9	20043.6	17747.3	15270.5	12883.7	10929.3
-10°	33756.3	31025.0	28305.7	25603.1	23176.0	21033.0	18960.8	16812.5	14520.9	12301.3	10460.3
-12.5°	31281.7	28677.1	26087.1	23606.0	21489.1	19515.9	17675.1	15785.0	13682.5	11625.7	9933.1
-15°	28609.7	26260.3	23974.8	21764.1	19716.4	17914.3	16286.5	14599.2	12733.8	10893.9	9353.0
-17.5°	26286.6	23950.0	21854.2	20067.7	18205.9	16374.3	14916.7	13438.6	11847.7	10258.9	8856.0
-20°	24232.3	22251.1	20213.5	18506.9	16916.2	15323.6	13755.4	12351.3	11025.8	9682.4	8426.5



REPORT NUMBER: P1305709 (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°	22565.9	20772.8	18974.7	17239.8	15735.2	14376.2	12998.4	11602.5	10258.3	9091.7	8011.0
-25°	21084.5	19391.5	17814.4	16349.4	14821.7	13476.0	12310.0	11073.2	9791.2	8569.5	7627.3
-27.5°	19845.4	18303.3	16881.8	15556.8	14182.8	12862.1	11708.2	10564.0	9374.3	8276.7	7309.4
-30°	18781.8	17441.6	16126.3	14878.5	13621.5	12379.6	11184.2	10098.6	8994.8	7960.0	7044.8
-32.5°	17772.5	16529.3	15331.3	14193.5	13023.8	11859.1	10737.7	9627.9	8566.0	7638.8	6789.8
-35°	16715.6	15561.7	14490.1	13436.3	12385.8	11303.6	10230.0	9142.7	8152.7	7282.8	6494.7
-37.5°	15678.3	14609.6	13618.7	12641.8	11685.5	10697.8	9663.4	8672.5	7736.2	6907.2	6161.1
-40°	14619.4	13652.8	12724.8	11829.2	10936.7	10042.1	9099.6	8179.3	7321.3	6494.7	5794.2
-42.5°	13510.4	12646.8	11810.0	10983.8	10152.9	9338.7	8513.7	7682.6	6877.0	6108.0	5405.1
-45°	12364.3	11616.7	10865.4	10111.1	9350.0	8630.6	7922.6	7161.7	6413.6	5698.1	5003.8
-47.5°	11255.8	10602.2	9916.4	9240.4	8586.0	7933.0	7294.0	6618.5	5932.3	5262.3	4645.5
-50°	10214.3	9618.9	9015.7	8418.1	7841.5	7251.2	6659.7	6065.5	5434.0	4835.3	4272.4
-52.5°	9167.3	8662.8	8148.7	7630.2	7108.8	6567.8	6020.8	5491.5	4934.2	4409.7	3911.5
-55°	8187.1	7742.1	7290.6	6833.0	6377.5	5902.0	5414.1	4932.9	4464.3	3988.7	3560.4
-57.5°	7225.4	6832.1	6460.0	6076.9	5684.8	5268.4	4843.4	4413.7	4000.1	3593.7	3206.7
-60°	6341.9	6010.6	5683.8	5355.4	5027.6	4670.2	4287.4	3910.3	3540.7	3202.9	2874.3
-62.5°	5482.5	5195.1	4925.2	4653.9	4371.9	4067.7	3740.6	3434.0	3125.5	2822.2	2556.0
-65°	4689.8	4451.1	4213.8	3990.9	3766.4	3538.6	3261.5	2990.3	2730.6	2480.7	2247.8
-67.5°	3967.0	3774.7	3586.1	3399.5	3213.2	3023.6	2795.7	2565.4	2352.2	2149.7	1951.8
-70°	3288.4	3134.0	2979.8	2825.2	2673.5	2525.0	2352.8	2171.2	1994.0	1821.8	1649.3
-72.5°	2646.1	2526.5	2407.0	2290.8	2173.1	2057.5	1924.4	1775.7	1628.5	1483.4	1343.4
-75°	2046.7	1958.7	1869.8	1783.2	1693.3	1600.7	1504.1	1393.3	1281.8	1170.0	1059.1
-77.5°	1500.4	1440.1	1378.3	1320.7	1261.4	1200.9	1132.4	1044.0	960.6	878.1	797.8
-80°	1022.0	984.6	946.3	912.4	876.1	837.5	793.2	730.4	668.1	610.3	557.9
-82.5°	620.9	602.3	582.2	562.8	541.4	518.3	492.3	455.7	419.6	384.4	350.0
-85°	309.0	301.6	293.4	285.0	275.9	266.1	255.3	239.8	223.7	207.1	190.1
-87.5°	113.1	110.7	108.1	106.2	104.1	101.8	99.3	93.6	87.9	82.2	76.5
-90°	3.8	3.8	3.8	4.3	4.8	5.2	5.7	5.7	5.7	5.7	5.7



REPORT NUMBER: P1305709 (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°	14.6	14.2	13.7	13.2	13.2	13.2	13.2	13.2	12.7	12.3	11.8
87.5°	9.8	11.1	12.3	13.3	12.5	11.8	11.1	10.5	10.9	11.2	11.4
85°	18.5	19.1	19.9	20.8	19.6	17.9	16.5	15.3	15.6	15.7	15.7
82.5°	31.6	29.9	29.0	28.5	28.3	27.4	25.8	23.5	21.3	20.3	19.9
80°	56.0	50.1	44.8	40.3	37.8	37.0	35.9	33.5	28.4	24.9	23.1
77.5°	78.6	70.4	62.9	55.5	48.9	44.4	42.2	41.1	35.2	29.3	25.5
75°	99.2	88.4	78.4	68.6	59.0	51.2	45.8	42.3	37.7	33.1	27.7
72.5°	113.0	101.4	91.1	80.3	67.9	57.6	49.3	43.5	38.7	34.0	29.3
70°	122.6	111.3	99.6	87.3	75.1	63.2	52.9	45.7	39.7	34.9	30.0
67.5°	128.4	115.7	104.2	93.0	80.5	67.9	55.9	48.2	42.0	35.7	30.7
65°	115.5	111.4	106.6	94.8	83.6	72.1	59.4	51.0	44.1	37.6	31.3
62.5°	98.8	98.8	96.0	93.1	84.3	73.4	62.9	54.3	46.3	39.4	32.6
60°	78.2	81.7	84.4	83.7	80.8	73.3	64.2	57.3	48.8	41.1	34.1
57.5°	63.1	65.6	70.9	74.2	73.3	69.8	65.0	58.8	51.0	42.9	35.6
55°	51.6	56.1	60.5	64.3	66.0	64.0	64.6	59.7	52.8	44.5	37.3
52.5°	45.7	50.1	54.6	57.2	59.1	60.0	62.9	60.7	53.8	45.9	39.1
50°	43.9	48.6	51.9	54.0	54.1	58.6	62.3	61.0	54.8	47.0	41.2
47.5°	50.6	54.5	53.3	53.1	53.0	58.7	63.1	62.0	55.8	48.0	43.4
45°	75.3	69.0	62.0	56.7	56.9	62.9	65.2	64.0	57.8	50.7	45.8
42.5°	119.3	107.2	82.0	62.0	72.8	69.7	68.6	67.2	60.5	53.9	48.5
40°	241.4	169.0	116.7	108.2	100.0	78.9	76.2	71.4	64.0	57.9	51.5
37.5°	411.7	298.3	189.2	193.2	148.9	112.2	85.6	76.6	70.2	63.0	54.8
35°	706.9	497.7	394.3	351.0	252.2	153.3	96.3	84.1	77.7	68.4	58.4
32.5°	1072.0	874.5	772.0	591.3	381.4	202.0	126.0	98.0	86.2	74.1	62.1
30°	1689.0	1525.6	1237.5	886.2	563.7	321.9	178.0	114.0	95.4	79.9	66.2
27.5°	2619.4	2293.4	1804.3	1312.1	845.0	467.6	255.0	132.0	105.5	86.6	71.0
25°	3632.7	3163.7	2542.3	1818.7	1161.7	698.9	349.1	153.6	118.9	94.7	75.8
22.5°	4752.0	4063.1	3356.9	2372.4	1513.3	967.7	498.8	225.5	134.6	103.1	80.6
20°	5824.4	4978.7	4171.4	2807.0	1888.6	1280.4	707.5	305.9	151.0	111.7	85.3
17.5°	6866.0	5730.4	4611.8	3280.5	2256.8	1575.6	933.0	393.1	167.9	120.4	90.0
15°	7576.2	6232.5	5024.0	3703.2	2585.6	1853.3	1170.1	484.8	185.1	129.1	97.2
12.5°	8120.5	6687.4	5417.5	4075.6	2877.0	2113.3	1413.3	578.7	202.3	142.7	107.5
10°	8587.8	7094.2	5786.6	4398.3	3133.1	2355.5	1656.5	667.2	228.8	160.1	117.8
7.5°	8980.2	7451.9	6125.2	4672.4	3342.4	2515.3	1805.5	739.1	256.2	177.4	128.0
5°	9286.3	7717.0	6392.8	4859.0	3451.2	2587.2	1918.3	802.0	282.9	194.5	137.9
2.5°	9468.6	7861.0	6595.1	4997.9	3538.1	2640.1	2006.0	854.8	308.4	211.0	147.5
0°	9587.5	7954.0	6747.3	5093.1	3601.2	2675.9	2067.8	897.0	332.4	226.6	156.7
-2.5°	9632.7	7967.9	6769.2	5214.5	3729.5	2786.5	2128.0	1014.1	444.6	303.5	206.0
-5°	9607.7	7939.3	6746.8	5290.9	3830.8	2878.7	2165.7	1119.7	553.2	378.2	254.1
-7.5°	9307.4	7771.8	6630.2	5302.5	3903.9	2949.1	2185.3	1213.8	656.7	449.5	300.2
-10°	8906.5	7502.6	6388.2	5142.8	3896.1	2991.6	2195.7	1296.4	753.4	516.2	343.5
-12.5°	8461.8	7198.2	6125.4	4968.6	3860.9	3014.6	2224.6	1373.5	841.9	577.5	383.6
-15°	7980.4	6861.0	5849.1	4788.8	3811.8	3026.2	2240.2	1439.5	921.9	635.5	419.6
-17.5°	7506.8	6493.5	5566.1	4611.7	3752.0	3028.3	2244.6	1490.6	992.6	691.5	458.1
-20°	7249.5	6226.5	5287.9	4445.0	3684.3	3022.7	2239.7	1526.2	1053.2	740.8	497.5



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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°	6992.6	6051.6	5154.3	4326.7	3627.2	3010.8	2227.3	1545.8	1102.9	783.0	531.7
-25°	6722.5	5867.6	5025.0	4243.0	3589.0	2967.6	2221.1	1549.1	1141.0	817.6	560.5
-27.5°	6483.5	5681.8	4875.4	4126.9	3514.0	2921.9	2211.4	1585.9	1171.0	844.2	583.4
-30°	6259.6	5494.0	4717.2	3990.9	3412.1	2811.4	2182.2	1609.1	1197.8	866.9	600.2
-32.5°	6028.5	5288.2	4526.6	3858.0	3276.6	2686.1	2100.1	1616.1	1213.7	884.0	614.5
-35°	5758.9	5038.6	4304.1	3693.3	3124.7	2556.8	2008.2	1606.6	1218.5	892.4	623.6
-37.5°	5452.8	4746.5	4093.9	3507.7	2962.0	2417.9	1941.3	1559.1	1212.1	892.1	626.0
-40°	5114.3	4454.5	3852.8	3319.2	2796.9	2269.9	1861.7	1509.0	1200.8	882.9	621.7
-42.5°	4758.3	4169.4	3622.6	3119.3	2625.8	2166.9	1772.6	1449.5	1159.9	868.9	610.7
-45°	4425.5	3879.4	3384.0	2916.5	2454.6	2051.0	1695.7	1382.3	1108.4	848.1	595.5
-47.5°	4082.3	3599.3	3142.4	2702.0	2309.6	1930.0	1608.2	1315.5	1049.8	817.8	577.9
-50°	3758.5	3317.5	2899.3	2509.0	2144.1	1820.4	1513.7	1240.1	991.1	767.2	554.6
-52.5°	3453.8	3045.3	2669.5	2315.1	1997.4	1699.5	1418.6	1157.5	925.8	717.9	525.7
-55°	3151.2	2786.0	2445.0	2135.9	1847.8	1576.7	1314.3	1074.5	854.0	666.3	492.0
-57.5°	2860.1	2529.1	2239.2	1961.3	1694.6	1444.5	1207.2	984.1	784.3	609.8	459.5
-60°	2567.3	2299.1	2037.9	1779.8	1534.5	1307.9	1095.3	890.5	711.2	550.6	418.6
-62.5°	2302.0	2061.6	1825.2	1588.9	1371.4	1168.8	978.0	797.8	632.7	495.4	373.2
-65°	2030.2	1814.6	1602.3	1399.9	1206.5	1026.1	861.7	699.0	559.9	436.8	328.4
-67.5°	1755.1	1566.9	1386.7	1207.0	1042.8	887.6	739.2	607.0	486.0	375.0	289.8
-70°	1480.4	1317.8	1170.2	1025.1	881.7	746.5	628.8	515.8	408.6	324.8	249.2
-72.5°	1211.6	1084.7	963.2	841.4	726.8	618.7	517.5	425.0	345.6	272.8	207.0
-75°	952.0	856.8	765.3	672.2	576.7	488.1	416.4	348.1	280.7	219.0	170.2
-77.5°	721.0	645.7	572.2	507.5	441.7	380.1	323.0	268.9	217.2	173.6	134.8
-80°	507.9	459.0	411.5	364.5	315.4	270.0	233.8	198.6	161.4	128.0	98.4
-82.5°	316.0	288.1	262.1	236.0	207.7	180.7	154.9	130.3	104.4	81.4	67.7
-85°	173.4	156.7	139.9	123.3	106.4	90.5	82.9	75.3	66.1	57.4	49.2
-87.5°	72.3	68.2	63.9	59.8	55.8	51.9	48.1	44.3	39.5	34.9	30.5
-90°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.2	6.7	7.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	11.3	10.8	10.4	9.9	9.4	8.5	7.6
87.5°	11.5	10.9	10.5	10.2	10.1	8.8	7.6
85°	15.4	13.8	12.4	11.4	10.7	9.1	7.6
82.5°	19.2	16.6	14.4	12.6	11.4	9.4	7.6
80°	22.7	19.4	16.3	13.8	12.0	9.6	7.6
77.5°	23.5	21.3	18.2	15.0	12.6	9.9	7.6
75°	24.3	21.6	19.7	16.2	13.2	10.2	7.6
72.5°	24.9	21.9	19.7	17.3	13.8	10.4	7.6
70°	25.5	22.2	19.7	18.2	14.4	10.7	7.6
67.5°	26.3	22.4	19.7	18.0	15.0	10.9	7.6
65°	27.1	22.8	19.6	17.8	15.5	11.2	7.6
62.5°	27.9	23.6	19.5	17.6	16.0	11.4	7.6
60°	28.6	24.3	19.3	17.3	16.5	11.6	7.6
57.5°	30.1	25.1	19.9	17.1	16.3	11.8	7.6
55°	31.6	25.8	20.6	16.8	16.2	12.0	7.6
52.5°	33.0	26.7	21.2	16.4	16.1	12.2	7.6
50°	34.5	27.9	21.8	16.1	16.0	12.4	7.6
47.5°	36.0	29.0	22.5	15.9	15.9	12.5	7.6
45°	38.1	30.2	23.1	16.3	15.8	12.7	7.6
42.5°	40.3	31.2	23.6	16.8	15.7	12.8	7.6
40°	42.5	32.3	24.3	17.5	15.7	13.0	7.6
37.5°	44.9	33.2	25.1	18.4	15.7	13.1	7.6
35°	47.3	34.8	25.8	19.3	15.7	13.2	7.6
32.5°	50.0	36.6	26.4	20.2	15.7	13.3	7.6
30°	52.9	38.4	27.0	21.2	15.8	13.3	7.6
27.5°	55.9	40.2	29.0	22.2	15.9	13.4	7.6
25°	58.9	42.0	31.2	23.2	15.9	13.4	7.6
22.5°	61.9	44.6	33.5	24.2	16.0	13.5	7.6
20°	64.9	49.4	35.8	25.2	16.1	13.5	7.6
17.5°	70.4	54.3	38.3	26.2	16.2	13.5	7.6
15°	77.5	59.3	40.8	27.2	16.3	13.5	7.6
12.5°	84.6	64.2	43.3	28.1	16.5	13.5	7.6
10°	91.5	69.0	45.7	29.0	16.6	13.4	7.6
7.5°	98.2	73.8	48.2	29.9	16.7	13.4	7.6
5°	104.8	78.4	50.5	30.7	16.8	13.3	7.6
2.5°	111.1	82.8	52.7	31.4	16.9	13.3	7.6
0°	117.1	86.9	54.8	32.1	17.0	13.2	7.6
-2.5°	146.5	103.9	63.7	36.0	18.3	13.4	7.6
-5°	175.1	120.3	72.3	39.8	19.6	13.7	7.6
-7.5°	202.6	136.1	80.5	43.4	20.8	13.9	7.6
-10°	228.7	150.9	88.3	46.9	22.0	14.1	7.6
-12.5°	253.0	164.6	95.4	50.0	23.2	14.3	7.6
-15°	275.1	177.0	101.9	52.9	24.2	14.4	7.6
-17.5°	294.8	188.0	107.7	55.5	25.2	14.6	7.6
-20°	316.3	197.3	112.6	57.7	26.1	14.7	7.6



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	342.0	204.8	116.7	59.5	26.9	14.8	7.6
-25°	363.9	216.4	119.7	60.9	27.6	14.9	7.6
-27.5°	381.7	228.1	121.7	61.8	28.1	14.9	7.6
-30°	395.2	237.1	123.1	62.3	28.6	15.0	7.6
-32.5°	404.2	243.5	127.8	62.3	28.9	15.0	7.6
-35°	410.6	247.0	130.8	61.8	29.0	14.9	7.6
-37.5°	413.7	248.7	132.2	60.8	29.1	14.9	7.6
-40°	412.5	249.6	131.9	59.3	29.0	14.8	7.6
-42.5°	406.9	247.8	131.2	58.0	28.7	14.7	7.6
-45°	397.1	243.3	130.4	57.3	28.3	14.6	7.6
-47.5°	382.9	236.0	128.2	55.8	27.8	14.4	7.6
-50°	368.9	226.1	124.5	55.3	27.1	14.2	7.6
-52.5°	351.8	213.5	119.5	54.7	26.2	14.0	7.6
-55°	330.9	203.0	113.2	53.5	25.3	13.8	7.6
-57.5°	306.5	191.2	105.5	51.7	24.2	13.5	7.6
-60°	279.6	177.5	96.9	49.4	23.0	13.2	7.6
-62.5°	257.3	161.9	90.8	46.5	22.1	12.9	7.6
-65°	232.3	144.5	83.8	43.0	21.2	12.6	7.6
-67.5°	205.1	128.4	75.9	39.1	20.3	12.3	7.6
-70°	175.7	113.9	67.2	34.8	19.2	11.9	7.6
-72.5°	151.1	98.2	57.7	31.8	18.1	11.5	7.6
-75°	126.1	81.4	47.7	29.1	17.0	11.1	7.6
-77.5°	99.7	63.8	41.2	26.2	15.8	10.7	7.6
-80°	72.3	51.2	35.3	23.1	14.6	10.3	7.6
-82.5°	56.2	41.4	29.3	19.9	13.3	9.8	7.6
-85°	41.5	31.4	23.1	16.6	12.0	9.4	7.6
-87.5°	26.4	21.1	16.7	13.3	10.7	9.0	7.6
-90°	7.6	8.1	8.5	9.0	9.4	8.5	7.6

(END OF REPORT)