

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: P1305710 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-70-7F-CV2-A**

Issue Date: 2/3/2026

Test Information

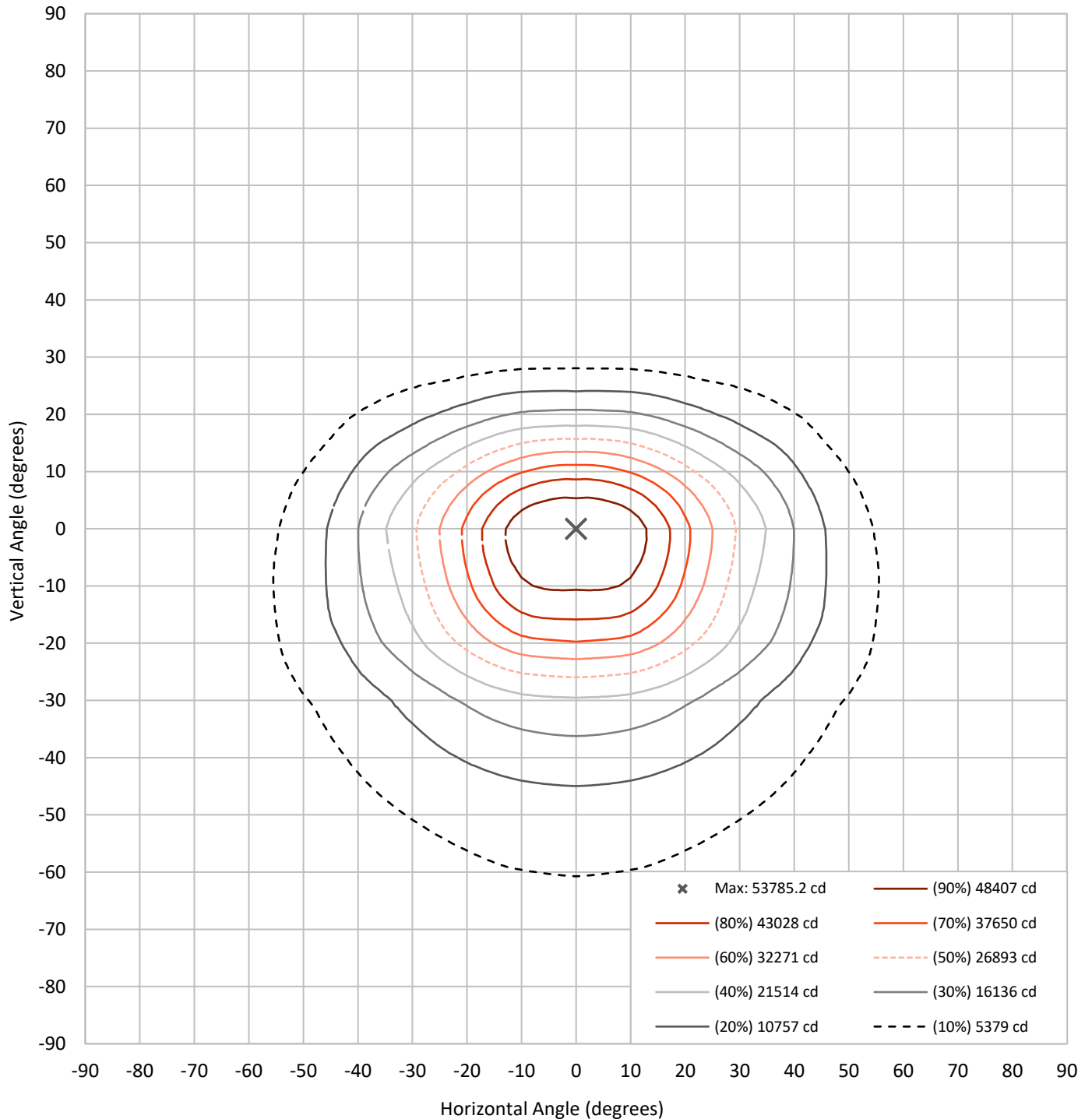
Test Method: LM-79-08
Report Number: P1305710 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-43)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-57-70-7F-CV2-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 7F BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	47055.7 lumens	Max Intensity:	53785.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	72.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	58.6°H x 41.6°V	Field Angle (10%):	109°H x 88.8°V
Beam Lumens:	22812.1 lumens	Field Lumens:	42737.7 lumens
Beam Efficiency:	48.5%	Field Efficiency:	90.8%
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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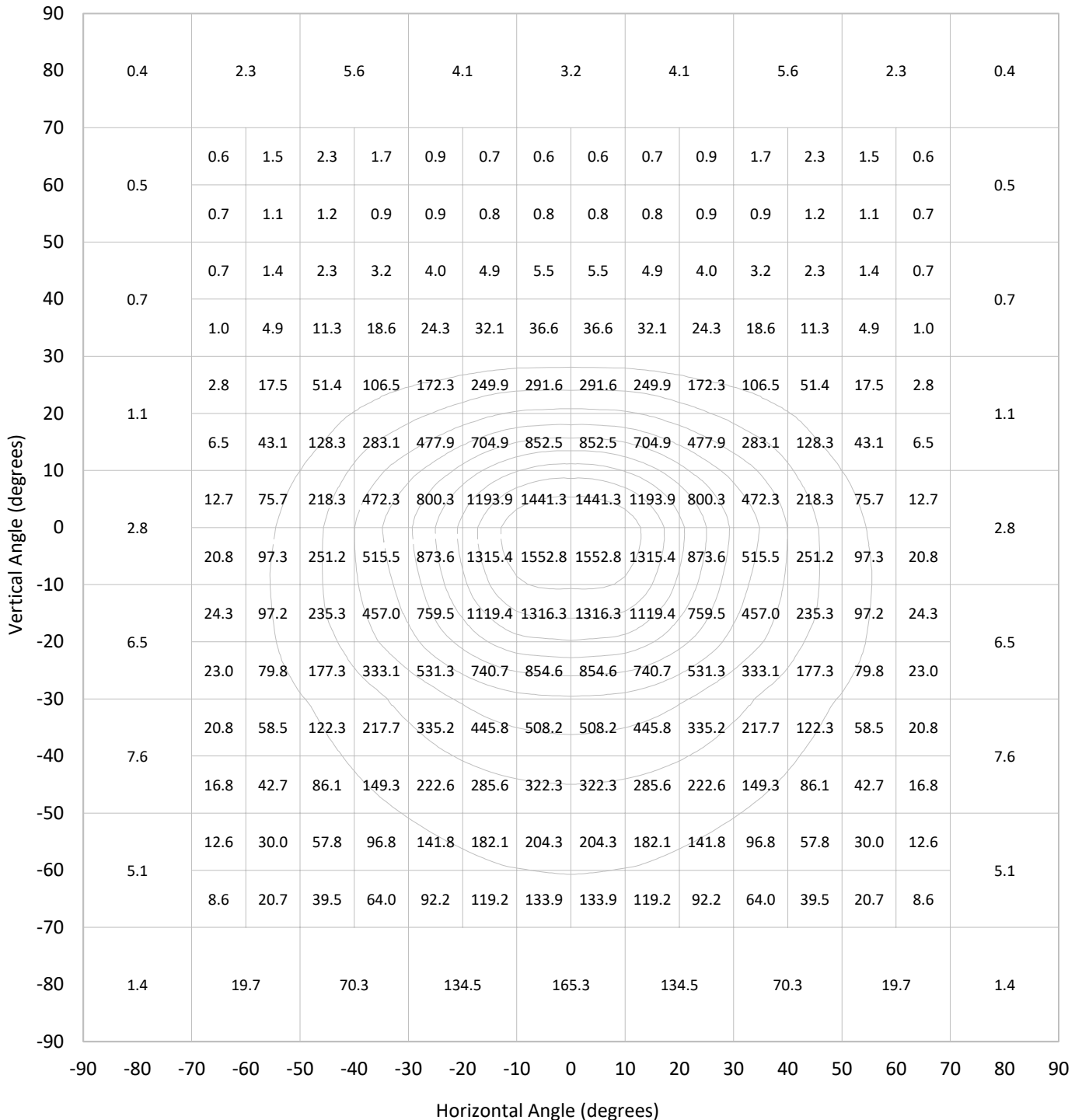
Iso-Candela Plot





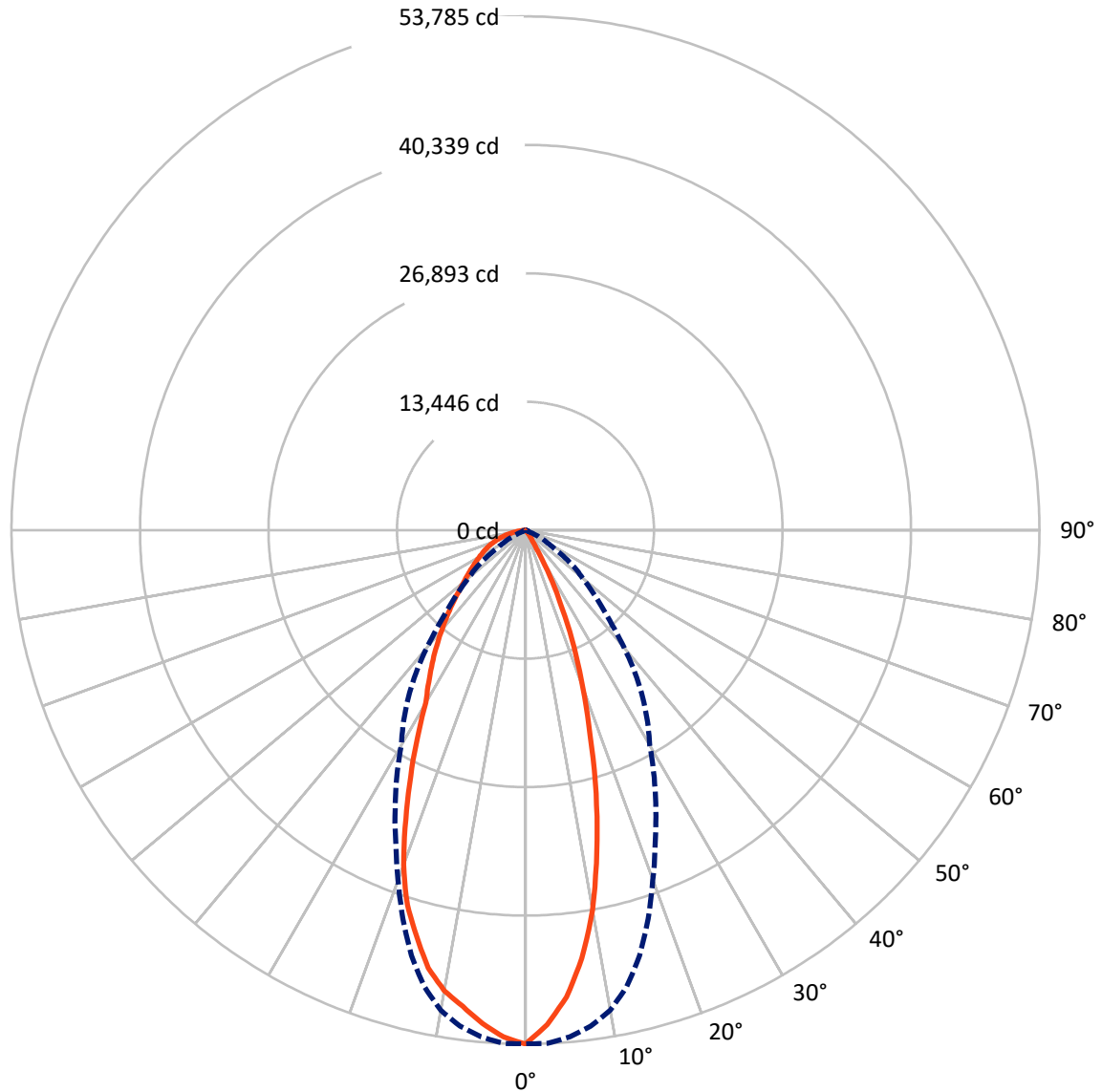
REPORT NUMBER: P1305710 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P1305710 (CONVERTED FROM TYPE C PHOTOMETRY)
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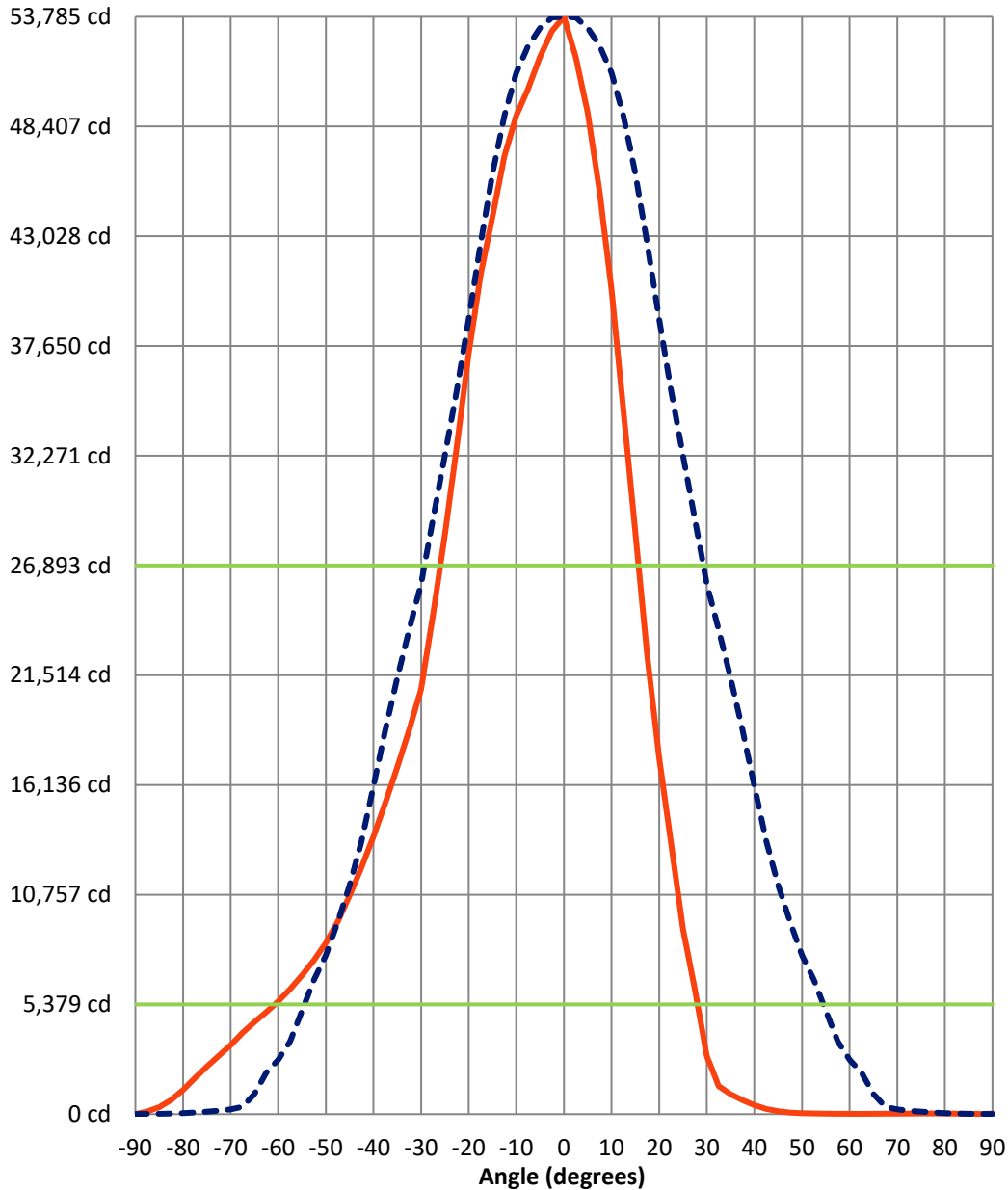
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 58.6°
 V Angle: 41.6°
 Lumens: 22812.1
 Efficiency: 48.5%

Field:
 H Angle: 109°
 V Angle: 88.8°
 Lumens: 42737.7
 Efficiency: 90.8%

Spill:
 Lumens: 4318
 Efficiency: 9.2%

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

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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	7.6	8.5	9.4	9.9	10.4	10.8	11.3	11.8	12.3	12.7	13.2
87.5°	7.6	7.9	8.3	8.8	9.4	10.1	11.0	11.3	11.5	11.6	11.6
85°	7.6	8.2	8.9	9.9	11.2	12.7	14.4	15.0	15.3	15.5	15.6
82.5°	7.6	8.5	9.6	11.1	13.0	15.2	17.8	18.7	19.2	20.5	23.0
80°	7.6	8.7	10.2	12.2	14.7	17.7	20.7	21.2	23.2	26.9	32.2
77.5°	7.6	9.0	10.8	13.3	16.4	19.3	21.1	23.1	27.0	33.0	39.2
75°	7.6	9.3	11.4	14.4	17.8	19.4	21.4	24.7	30.2	35.3	40.3
72.5°	7.6	9.6	12.1	15.5	17.7	19.4	21.7	25.9	31.1	36.2	41.4
70°	7.6	9.8	12.6	16.2	17.5	19.4	22.0	26.6	31.8	37.1	43.0
67.5°	7.6	10.1	13.2	16.0	17.4	19.4	22.7	27.2	32.5	38.6	44.6
65°	7.6	10.3	13.8	15.8	17.2	19.7	23.4	27.7	33.8	40.0	46.8
62.5°	7.6	10.6	14.3	15.6	17.0	20.3	24.2	28.6	34.9	41.6	50.2
60°	7.6	10.8	14.8	15.3	16.7	21.0	24.8	29.5	36.0	44.4	53.4
57.5°	7.6	11.0	14.7	15.0	17.2	21.6	26.0	30.4	37.9	47.0	55.0
55°	7.6	11.3	14.6	14.7	17.7	22.2	27.2	31.7	39.9	49.0	55.9
52.5°	7.6	11.5	14.6	14.4	18.2	22.8	28.4	33.9	41.7	50.0	56.9
50°	7.6	11.7	14.5	14.0	18.7	23.9	29.6	36.1	43.2	51.0	55.3
47.5°	7.6	11.9	14.5	13.8	19.1	25.0	31.0	38.3	44.2	52.0	53.7
45°	7.6	12.0	14.4	14.2	19.5	26.0	32.9	40.6	46.5	50.9	52.2
42.5°	7.6	12.2	14.5	14.5	19.9	27.0	34.8	42.9	49.2	49.9	50.7
40°	7.6	12.4	14.5	15.1	20.5	28.0	36.7	45.5	51.8	49.4	49.6
37.5°	7.6	12.5	14.5	15.8	21.2	28.9	38.5	48.3	54.1	52.3	49.1
35°	7.6	12.6	14.6	16.7	22.0	30.2	40.3	51.3	57.0	56.5	52.7
32.5°	7.6	12.8	14.7	17.5	22.6	31.6	42.2	54.4	60.6	61.8	67.8
30°	7.6	12.9	14.8	18.4	23.2	32.9	44.6	57.6	64.8	68.3	83.1
27.5°	7.6	13.0	15.0	19.2	25.1	34.1	47.1	60.8	69.8	75.9	98.8
25°	7.6	13.0	15.1	20.1	27.2	35.3	49.5	64.4	75.8	87.5	116.4
22.5°	7.6	13.1	15.3	21.0	29.4	37.4	52.0	68.1	82.3	100.8	172.6
20°	7.6	13.2	15.5	21.9	31.6	42.1	54.4	72.1	89.4	114.1	232.0
17.5°	7.6	13.2	15.7	22.8	33.9	47.1	60.7	76.2	96.8	127.1	293.7
15°	7.6	13.2	15.9	23.7	36.2	52.3	69.6	84.6	104.4	139.9	356.4
12.5°	7.6	13.3	16.1	24.6	38.5	57.5	78.7	98.5	120.3	152.3	418.6
10°	7.6	13.3	16.3	25.4	40.8	62.8	87.8	112.6	143.0	189.8	500.8
7.5°	7.6	13.3	16.5	26.2	43.0	68.1	96.8	126.8	166.1	232.1	628.4
5°	7.6	13.3	16.6	26.9	45.1	73.3	105.7	140.9	189.3	275.0	755.4
2.5°	7.6	13.2	16.8	27.7	47.2	78.3	114.4	154.7	212.1	317.6	877.8
0°	7.6	13.2	17.0	28.3	49.1	83.1	122.7	168.1	234.2	358.8	991.4
-2.5°	7.6	13.4	18.2	32.5	58.7	100.9	154.5	220.6	317.0	492.6	1166.9
-5°	7.6	13.7	19.4	36.6	67.9	118.2	185.5	271.8	397.4	621.6	1327.2
-7.5°	7.6	13.9	20.6	40.5	76.8	134.7	215.1	320.9	474.4	743.3	1470.1
-10°	7.6	14.1	21.7	44.2	85.3	150.3	243.0	367.2	546.5	855.4	1593.5
-12.5°	7.6	14.3	22.8	47.6	93.1	164.7	268.7	409.9	612.7	951.8	1640.3
-15°	7.6	14.4	23.8	50.8	100.2	177.9	291.9	448.5	670.8	1010.7	1647.5
-17.5°	7.6	14.6	24.7	53.6	106.5	189.5	312.2	485.2	720.8	1061.1	1644.9
-20°	7.6	14.7	25.5	56.0	112.0	199.5	332.1	519.5	764.1	1102.5	1633.4



REPORT NUMBER: P1305710 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.6	14.8	26.3	58.0	116.5	207.7	353.2	548.8	800.1	1134.7	1614.4
-25°	7.6	14.9	26.9	59.5	120.0	218.4	370.8	572.7	828.4	1157.3	1588.8
-27.5°	7.6	14.9	27.5	60.6	122.3	228.6	384.4	590.9	848.6	1176.0	1604.9
-30°	7.6	15.0	27.9	61.2	123.9	236.2	394.0	603.3	865.5	1195.6	1611.4
-32.5°	7.6	15.0	28.2	61.2	127.7	241.2	399.5	612.8	877.4	1204.3	1605.7
-35°	7.6	14.9	28.3	60.7	130.0	243.5	403.8	617.4	881.0	1201.8	1587.9
-37.5°	7.6	14.9	28.4	59.6	130.8	244.1	405.3	616.0	876.2	1187.9	1510.4
-40°	7.6	14.8	28.3	58.0	129.9	244.2	402.7	608.5	862.8	1171.2	1432.8
-42.5°	7.6	14.7	28.1	56.4	128.8	241.8	395.9	594.8	845.6	1114.8	1350.1
-45°	7.6	14.6	27.7	55.4	127.5	236.8	384.9	577.9	822.7	1050.0	1264.9
-47.5°	7.6	14.4	27.3	53.6	124.9	229.3	369.7	559.2	791.1	982.0	1189.0
-50°	7.6	14.2	26.7	53.1	121.0	219.3	355.6	534.9	735.7	919.7	1109.6
-52.5°	7.6	14.0	25.9	52.5	115.8	206.9	338.8	505.1	683.8	854.8	1028.1
-55°	7.6	13.8	25.1	51.3	109.3	196.3	318.5	470.9	631.8	787.3	953.3
-57.5°	7.6	13.5	24.1	49.5	101.6	184.6	295.0	439.8	577.4	723.9	876.0
-60°	7.6	13.2	23.0	47.1	92.8	171.0	269.1	400.7	522.4	659.8	798.9
-62.5°	7.6	12.9	22.1	44.2	86.6	155.7	247.3	357.7	471.2	593.3	724.7
-65°	7.6	12.6	21.2	40.7	79.4	138.7	223.2	315.5	417.3	528.9	648.0
-67.5°	7.6	12.3	20.3	36.8	71.3	122.6	196.8	278.3	361.0	462.8	570.6
-70°	7.6	11.9	19.2	32.4	62.4	107.5	168.4	239.3	312.6	394.0	490.9
-72.5°	7.6	11.5	18.1	29.6	52.7	91.3	143.2	198.6	262.5	333.2	410.5
-75°	7.6	11.1	17.0	27.1	42.4	73.9	117.1	161.8	210.5	270.3	335.9
-77.5°	7.6	10.7	15.8	24.5	36.5	55.7	89.7	125.7	165.0	208.5	259.1
-80°	7.6	10.3	14.6	21.7	31.5	44.0	61.3	88.7	119.3	153.3	190.4
-82.5°	7.6	9.8	13.3	18.8	26.4	36.0	47.5	58.6	72.8	97.0	123.6
-85°	7.6	9.4	12.0	15.9	21.1	27.7	35.6	43.2	51.5	60.6	70.5
-87.5°	7.6	9.0	10.7	12.9	15.8	19.3	23.5	27.5	31.9	36.7	41.9
-90°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6



REPORT NUMBER: P1305710 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	13.7	14.2	14.6	15.1	15.6	16.1	16.5	17.0	18.0	18.9	19.9
87.5°	12.2	12.8	13.4	14.1	12.9	11.5	10.0	8.3	8.8	9.3	9.8
85°	16.7	17.9	19.6	20.8	19.9	19.1	18.5	18.1	19.1	19.9	20.5
82.5°	25.3	26.9	28.0	28.5	29.0	29.9	31.6	34.9	37.0	38.3	38.8
80°	34.8	36.0	37.1	39.7	44.2	49.5	55.6	62.4	64.3	63.9	62.7
77.5°	40.6	43.0	47.4	53.9	61.3	68.9	77.3	86.4	88.8	87.7	85.8
75°	44.0	49.3	56.7	65.9	75.6	85.7	96.6	106.5	108.9	105.7	101.8
72.5°	47.1	54.8	64.7	76.6	87.8	98.3	109.2	120.7	125.2	119.8	112.8
70°	49.8	59.6	71.5	84.3	97.1	108.2	119.0	131.4	139.3	129.4	114.0
67.5°	52.1	64.4	77.5	90.6	101.5	112.6	125.6	130.9	133.9	117.9	101.4
65°	55.7	68.8	80.5	91.6	103.0	108.4	112.7	116.7	115.1	97.0	79.5
62.5°	59.1	69.8	80.8	89.6	93.3	96.5	95.9	92.1	86.3	75.0	61.4
60°	60.4	69.6	77.4	81.2	82.6	79.6	75.1	71.6	66.5	56.8	47.8
57.5°	61.2	66.5	70.9	72.0	68.6	63.9	62.1	57.2	53.5	47.4	39.2
55°	60.7	61.4	63.6	61.0	58.3	56.6	53.8	52.2	47.0	41.3	35.3
52.5°	58.1	57.2	55.3	54.1	54.9	54.5	53.6	50.9	46.2	40.4	37.1
50°	55.8	52.4	49.4	53.7	57.5	60.6	55.8	52.8	52.6	50.0	44.5
47.5°	52.9	48.5	51.2	57.7	68.6	72.7	65.8	65.7	67.9	73.2	66.7
45°	50.3	52.0	56.3	72.4	85.7	91.9	92.9	85.7	103.7	109.8	107.9
42.5°	48.5	59.2	78.6	89.8	111.3	124.6	129.9	140.7	151.4	164.5	167.9
40°	55.5	68.7	112.2	131.5	144.8	167.4	194.8	212.7	216.0	235.9	244.9
37.5°	64.8	106.9	158.2	191.5	190.6	229.9	270.9	313.9	338.1	319.1	363.0
35°	75.2	151.9	224.5	273.0	285.3	309.6	381.9	464.1	543.6	497.1	519.8
32.5°	106.3	203.4	302.1	376.3	448.3	464.8	509.5	732.4	876.8	879.2	763.0
30°	157.2	275.9	394.6	495.9	662.6	739.1	810.5	1087.5	1330.1	1486.3	1519.4
27.5°	221.0	358.8	507.7	690.0	926.2	1064.3	1295.9	1593.2	1975.0	2260.8	2458.4
25°	292.7	487.0	631.3	935.4	1241.0	1494.5	1819.6	2228.9	2764.3	3222.5	3650.2
22.5°	384.9	635.8	827.4	1210.4	1589.7	1959.6	2411.2	2999.6	3680.9	4276.6	4882.7
20°	500.9	804.8	1083.2	1549.7	1986.3	2431.5	3010.9	3829.0	4691.5	5533.7	6320.2
17.5°	626.5	982.9	1369.6	1937.3	2528.0	3031.4	3638.1	4690.5	5755.8	6912.5	8057.9
15°	758.7	1167.4	1653.5	2360.1	3109.6	3795.0	4597.4	5669.6	6936.3	8419.9	9897.7
12.5°	894.5	1355.3	1932.1	2807.7	3716.3	4572.7	5594.3	6817.6	8271.9	10031.4	11823.3
10°	1030.5	1543.3	2202.3	3268.1	4336.1	5354.0	6566.0	7925.9	9588.8	11565.9	13592.9
7.5°	1276.9	1790.3	2482.6	3728.8	4956.4	6127.6	7504.0	8987.0	10836.0	13033.9	15250.9
5°	1540.1	2094.7	2864.8	4212.1	5542.1	6806.4	8347.5	9991.0	12003.7	14416.4	16820.3
2.5°	1795.7	2387.4	3229.6	4663.3	6080.6	7324.1	8914.6	10642.9	12774.4	15381.7	18012.5
0°	2035.8	2666.5	3573.0	5072.4	6575.6	7791.8	9417.7	11223.1	13383.5	16072.7	18841.2
-2.5°	2252.6	2921.6	3862.0	5322.6	6728.4	7907.5	9545.0	11355.5	13492.3	16075.2	18634.6
-5°	2443.3	3159.3	4124.0	5531.6	6842.6	7984.3	9605.4	11408.8	13504.4	15959.6	18349.2
-7.5°	2605.7	3378.2	4357.0	5681.9	6903.4	8045.8	9618.3	11389.9	13433.1	15749.5	18012.3
-10°	2714.1	3468.5	4371.6	5642.8	6886.7	8070.5	9574.3	11298.7	13266.0	15451.2	17594.6
-12.5°	2644.0	3435.1	4319.6	5556.0	6829.3	8038.5	9471.8	11138.7	13006.3	15081.9	17101.3
-15°	2564.6	3379.7	4234.9	5419.6	6731.2	7946.0	9313.9	10913.7	12560.7	14477.1	16469.6
-17.5°	2480.0	3301.4	4116.3	5232.6	6592.9	7789.7	9021.5	10320.3	11831.4	13711.0	15679.3
-20°	2394.0	3199.4	3963.2	4994.1	6403.1	7392.6	8400.8	9608.3	11041.0	12790.9	14761.3



REPORT NUMBER: P1305710 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2310.0	3073.1	3801.7	4784.4	5897.2	6830.9	7741.9	8828.4	10129.7	11713.1	13439.8
-25°	2246.7	2942.2	3645.3	4441.8	5365.5	6260.4	7034.9	7998.1	9181.9	10536.3	11902.3
-27.5°	2197.7	2826.1	3423.9	4103.7	4865.7	5685.1	6373.0	7200.0	8314.6	9399.4	10453.8
-30°	2145.4	2672.5	3199.7	3791.9	4465.5	5145.0	5741.8	6548.9	7540.6	8476.6	9315.9
-32.5°	2044.6	2510.2	3003.3	3537.1	4101.9	4661.7	5286.2	6050.9	6879.8	7684.7	8358.0
-35°	1925.0	2357.9	2814.2	3285.3	3762.6	4303.7	4925.8	5581.6	6283.0	7010.7	7777.9
-37.5°	1824.8	2199.2	2619.6	3052.0	3492.6	3996.7	4553.3	5155.5	5777.3	6428.1	7179.1
-40°	1717.1	2034.8	2434.7	2835.3	3240.8	3694.4	4205.9	4740.1	5297.3	5913.6	6563.7
-42.5°	1604.9	1907.5	2249.8	2614.2	2994.6	3401.0	3846.0	4342.6	4854.7	5396.1	5976.8
-45°	1508.3	1773.6	2067.5	2407.0	2745.3	3104.7	3506.8	3939.5	4420.2	4902.1	5407.5
-47.5°	1406.7	1640.4	1913.4	2196.4	2507.3	2825.8	3162.4	3570.1	3985.2	4427.0	4864.9
-50°	1305.3	1524.1	1753.2	2014.0	2280.6	2559.8	2855.1	3219.5	3600.4	3971.9	4355.7
-52.5°	1214.4	1403.1	1618.1	1839.6	2077.1	2319.3	2593.1	2910.2	3245.7	3576.5	3918.4
-55°	1120.3	1297.1	1486.3	1685.8	1889.7	2105.1	2357.1	2639.5	2915.5	3223.4	3529.3
-57.5°	1031.2	1194.3	1366.4	1542.4	1725.6	1911.8	2154.3	2389.1	2645.4	2901.0	3166.4
-60°	944.1	1095.1	1253.0	1412.6	1571.4	1758.0	1964.0	2182.5	2400.7	2617.9	2866.2
-62.5°	856.0	1000.3	1144.2	1289.0	1436.5	1609.6	1805.8	1998.4	2184.4	2391.3	2601.9
-65°	771.8	903.5	1039.4	1173.1	1304.1	1471.9	1648.7	1831.0	2011.7	2185.4	2364.3
-67.5°	684.5	804.5	929.8	1058.5	1184.5	1329.9	1487.9	1653.8	1822.5	1982.4	2146.3
-70°	592.8	701.0	813.9	930.7	1052.8	1182.5	1317.6	1462.8	1612.2	1753.4	1896.1
-72.5°	497.2	591.0	691.0	796.7	902.8	1014.1	1132.4	1257.2	1379.4	1497.7	1621.1
-75°	404.3	477.8	561.4	650.5	740.9	834.8	933.6	1035.4	1133.6	1229.8	1328.8
-77.5°	313.0	371.2	434.6	502.8	570.6	643.5	720.8	802.0	878.4	953.2	1029.2
-80°	225.7	262.3	308.6	359.1	410.1	462.2	515.6	570.1	618.9	670.2	725.5
-82.5°	148.7	174.9	202.5	231.2	260.2	290.1	322.6	361.1	393.3	425.2	457.3
-85°	78.5	86.7	103.3	120.8	137.7	155.4	173.6	192.4	209.2	225.1	240.2
-87.5°	46.1	50.5	54.9	59.5	63.3	67.0	70.7	74.4	79.5	84.7	89.8
-90°	7.6	7.6	7.6	7.6	7.1	6.7	6.2	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°	20.8	21.7	22.7	23.6	24.5	25.0	25.5	25.9	26.4	26.9	27.4
87.5°	10.3	10.0	9.7	9.4	9.1	11.3	13.6	15.9	18.4	16.7	14.9
85°	20.9	20.9	20.8	20.5	20.2	23.3	26.6	29.7	32.9	30.1	27.1
82.5°	38.7	38.0	36.6	34.8	32.4	32.1	31.5	30.4	29.0	27.6	26.5
80°	60.8	58.0	54.4	50.0	45.0	42.2	39.6	36.7	33.5	32.6	31.8
77.5°	82.4	76.9	70.4	63.4	55.8	51.1	47.0	42.5	37.8	36.5	35.7
75°	97.3	90.4	80.8	70.7	60.1	53.0	47.7	42.4	37.3	35.4	34.3
72.5°	104.2	94.1	82.3	68.7	55.7	47.2	41.9	37.1	32.6	30.7	29.9
70°	99.0	84.5	71.1	58.2	46.1	38.0	34.1	30.9	28.2	26.8	26.1
67.5°	84.4	69.6	56.9	45.6	36.2	30.1	28.0	26.1	24.4	23.5	23.1
65°	65.3	54.0	44.2	36.1	29.7	25.5	23.9	22.3	20.8	19.9	19.5
62.5°	49.5	40.7	34.4	29.3	25.4	22.5	21.3	20.2	19.4	18.8	18.3
60°	39.6	32.2	28.3	25.6	23.2	21.1	20.8	20.6	20.4	20.0	19.2
57.5°	33.9	29.4	26.4	25.8	24.7	23.4	23.0	22.9	22.0	20.7	20.1
55°	32.4	31.3	30.0	30.6	30.5	29.4	27.7	26.5	25.4	24.4	24.5
52.5°	36.2	38.6	39.8	39.7	37.8	35.0	31.7	32.2	32.8	33.4	34.0
50°	48.3	51.2	51.2	47.0	46.8	45.1	41.3	43.0	45.5	46.0	46.4
47.5°	67.0	69.9	71.9	64.5	65.7	69.7	65.5	64.3	72.3	75.8	77.6
45°	97.7	109.6	113.1	115.3	112.0	122.4	122.5	117.6	133.2	141.6	144.5
42.5°	162.7	182.9	198.8	203.4	199.7	212.6	222.6	221.8	241.3	255.2	258.8
40°	272.2	291.2	314.1	322.6	326.3	338.2	363.2	379.3	398.9	420.7	431.6
37.5°	412.8	442.5	447.2	464.8	486.7	497.8	535.9	568.4	595.1	635.7	661.7
35°	618.6	697.4	612.6	652.8	708.5	714.9	749.6	824.7	843.5	914.5	953.8
32.5°	998.5	1145.1	1125.9	989.6	1109.4	1245.3	1093.9	1363.3	1339.2	1415.0	1511.3
30°	1576.0	2002.1	2049.4	1850.0	2182.7	2363.2	2334.2	2602.6	2774.6	2753.3	3087.1
27.5°	2811.4	3153.2	3308.4	3594.6	3774.3	4040.5	4509.1	4782.2	5273.1	5530.8	5839.8
25°	4148.6	4552.7	5051.4	5543.6	5917.5	6507.5	7165.1	7682.2	8377.2	8813.2	9131.0
22.5°	5594.1	6307.8	7002.1	7687.8	8442.6	9255.0	10030.9	10926.9	11772.8	12397.3	12869.5
20°	7178.8	8166.5	9148.6	10089.9	11031.5	12117.9	13078.6	14155.4	15194.4	16097.8	16719.8
17.5°	9137.8	10170.6	11424.6	12684.2	13904.1	15249.4	16668.4	17875.9	19332.9	20536.3	21441.4
15°	11271.4	12564.7	13933.5	15508.9	17156.3	18820.9	20542.1	22317.2	23975.8	25514.3	26666.8
12.5°	13474.6	15084.4	16752.2	18496.5	20406.9	22478.5	24641.2	26754.0	28804.9	30496.0	32077.1
10°	15590.9	17602.9	19538.1	21582.0	23781.9	26099.4	28632.1	31148.8	33532.4	35615.5	37316.9
7.5°	17445.3	19629.6	21862.2	24368.5	26979.7	29576.8	32320.8	35143.7	37856.7	40257.8	42246.9
5°	19188.4	21467.3	23729.1	26425.5	29306.6	32286.8	35393.5	38564.7	41493.7	44208.3	46411.2
2.5°	20547.5	22944.5	25270.2	28226.7	31266.9	34302.0	37469.9	40937.1	44204.3	47155.2	49316.7
0°	21377.4	23743.6	25990.9	29163.5	32290.8	35476.6	38970.3	42660.3	46101.1	48928.1	51033.7
-2.5°	21090.4	23399.1	25837.0	28953.5	32259.5	35445.9	38980.1	42704.1	46122.5	48995.2	51051.4
-5°	20696.3	22959.6	25427.1	28545.3	31772.0	34954.7	38439.1	42101.3	45458.6	48284.7	50232.1
-7.5°	20211.8	22396.4	24802.4	27826.6	31035.2	34221.7	37613.6	41078.7	44289.5	47098.7	48931.2
-10°	19639.0	21710.0	24090.2	26999.0	30183.2	33254.8	36477.7	39909.6	43131.9	45686.7	47653.5
-12.5°	19044.8	21062.4	23272.8	26024.8	29073.2	31928.9	35006.0	38310.8	41149.7	43762.4	45490.7
-15°	18364.3	20299.2	22371.9	24908.5	27671.3	30344.2	33017.1	35931.5	38521.9	40845.1	42681.6
-17.5°	17576.7	19410.0	21229.1	23509.9	26155.1	28542.5	30882.8	33420.5	35723.4	37856.3	39446.3
-20°	16488.9	17997.5	19745.4	21927.4	24218.9	26232.6	28367.9	30499.7	32549.8	34355.3	35701.8



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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°	14930.7	16398.6	18017.9	19802.5	21719.7	23569.4	25397.2	27141.4	28809.4	30311.9	31395.6
-25°	13272.1	14612.9	16074.5	17558.0	19088.8	20745.8	22349.0	23788.7	25160.3	26321.2	27213.9
-27.5°	11624.2	12892.1	14170.0	15367.2	16591.6	17975.7	19378.8	20584.2	21746.0	22655.3	23351.3
-30°	10152.2	11507.7	12632.9	13447.5	14634.1	15848.4	16758.0	17854.8	18770.0	19350.3	20098.2
-32.5°	9341.1	10363.5	11383.7	12221.2	13164.0	14229.4	15090.9	15986.8	16759.2	17382.9	17853.2
-35°	8601.2	9499.5	10361.6	11223.2	12065.0	12920.8	13714.8	14471.2	15156.2	15707.8	16143.6
-37.5°	7936.4	8714.0	9494.4	10237.7	10993.9	11709.2	12390.8	13043.2	13619.2	14116.3	14527.0
-40°	7265.3	7959.9	8646.2	9318.4	9979.7	10563.6	11149.7	11688.7	12174.8	12614.7	12973.8
-42.5°	6591.5	7211.3	7812.4	8422.1	9009.0	9515.7	9999.6	10445.2	10862.0	11236.9	11546.8
-45°	5928.9	6476.4	7006.0	7547.4	8042.2	8504.1	8925.9	9301.0	9659.2	9975.2	10235.6
-47.5°	5331.8	5777.6	6250.3	6712.4	7141.9	7557.9	7926.8	8257.1	8571.2	8838.8	9051.3
-50°	4776.9	5183.9	5582.4	5956.7	6358.1	6722.8	7035.0	7339.4	7625.1	7863.8	8043.1
-52.5°	4255.1	4630.7	4989.0	5338.3	5686.5	6011.0	6310.5	6588.8	6838.4	7057.2	7212.6
-55°	3842.0	4148.9	4439.2	4775.2	5094.9	5383.4	5651.6	5921.7	6162.3	6374.9	6504.7
-57.5°	3451.0	3728.0	4004.2	4294.7	4575.9	4846.9	5101.5	5338.3	5559.9	5758.8	5870.6
-60°	3102.0	3325.5	3588.3	3856.3	4111.2	4353.1	4592.2	4814.2	5020.2	5193.3	5292.1
-62.5°	2809.7	3022.0	3244.3	3468.2	3688.8	3913.9	4130.8	4337.1	4532.7	4690.3	4786.3
-65°	2551.9	2744.2	2938.5	3136.8	3337.8	3535.9	3720.6	3901.8	4078.6	4213.7	4300.2
-67.5°	2309.3	2474.7	2638.0	2806.8	2979.9	3150.9	3313.7	3474.3	3631.7	3740.7	3808.5
-70°	2043.4	2189.4	2330.0	2472.1	2613.5	2752.4	2887.0	3021.3	3154.0	3241.5	3299.5
-72.5°	1748.6	1870.6	1984.7	2098.2	2213.8	2328.0	2438.7	2546.3	2650.3	2718.0	2768.1
-75°	1430.3	1523.3	1612.0	1701.5	1791.1	1883.9	1975.3	2063.0	2146.5	2197.2	2236.2
-77.5°	1106.2	1172.1	1234.6	1297.6	1360.5	1432.4	1505.2	1575.8	1643.8	1679.7	1706.5
-80°	781.2	827.4	870.1	910.9	949.6	995.5	1041.7	1086.4	1129.3	1149.8	1164.9
-82.5°	489.4	516.4	541.8	565.9	588.5	613.1	636.4	658.1	678.1	688.0	695.4
-85°	254.6	266.3	277.2	287.3	296.5	307.8	318.5	328.5	337.7	340.7	342.6
-87.5°	95.0	98.5	102.0	105.3	108.4	112.7	116.9	120.9	124.9	126.0	126.9
-90°	5.7	5.7	5.7	5.7	5.7	5.2	4.8	4.3	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°	27.8	28.3	28.3	28.3	28.3	28.3	27.8	27.4	26.9	26.4	25.9
87.5°	13.1	11.3	10.3	9.4	10.3	11.3	13.1	14.9	16.7	18.4	15.9
85°	24.0	20.8	19.8	18.9	19.8	20.8	24.0	27.1	30.1	32.9	29.7
82.5°	25.4	24.5	24.5	24.5	24.5	24.5	25.4	26.5	27.6	29.0	30.4
80°	31.0	30.1	30.2	30.2	30.2	30.1	31.0	31.8	32.6	33.5	36.7
77.5°	34.9	34.0	34.0	34.0	34.0	34.0	34.9	35.7	36.5	37.8	42.5
75°	33.2	32.2	32.1	32.1	32.1	32.2	33.2	34.3	35.4	37.3	42.4
72.5°	29.1	28.5	28.3	28.3	28.3	28.5	29.1	29.9	30.7	32.6	37.1
70°	25.3	24.7	24.5	24.5	24.5	24.7	25.3	26.1	26.8	28.2	30.9
67.5°	22.9	22.8	22.7	22.7	22.7	22.8	22.9	23.1	23.5	24.4	26.1
65°	19.2	19.1	18.9	18.9	18.9	19.1	19.2	19.5	19.9	20.8	22.3
62.5°	17.8	17.2	16.2	15.1	16.2	17.2	17.8	18.3	18.8	19.4	20.2
60°	18.3	17.3	17.0	17.0	17.0	17.3	18.3	19.2	20.0	20.4	20.6
57.5°	19.5	19.0	18.9	18.9	18.9	19.0	19.5	20.1	20.7	22.0	22.9
55°	24.5	24.4	24.4	24.5	24.4	24.4	24.5	24.5	24.4	25.4	26.5
52.5°	34.1	33.8	33.8	34.0	33.8	33.8	34.1	34.0	33.4	32.8	32.2
50°	46.8	46.8	46.3	45.3	46.3	46.8	46.8	46.4	46.0	45.5	43.0
47.5°	78.7	77.5	76.2	75.5	76.2	77.5	78.7	77.6	75.8	72.3	64.3
45°	147.9	146.8	144.7	143.5	144.7	146.8	147.9	144.5	141.6	133.2	117.6
42.5°	264.9	262.8	257.8	254.9	257.8	262.8	264.9	258.8	255.2	241.3	221.8
40°	444.1	446.4	442.5	440.0	442.5	446.4	444.1	431.6	420.7	398.9	379.3
37.5°	682.4	692.4	691.1	687.4	691.1	692.4	682.4	661.7	635.7	595.1	568.4
35°	971.8	982.9	977.3	976.3	977.3	982.9	971.8	953.8	914.5	843.5	824.7
32.5°	1439.0	1422.7	1361.8	1378.6	1361.8	1422.7	1439.0	1511.3	1415.0	1339.2	1363.3
30°	3109.6	3169.4	2999.0	2862.9	2999.0	3169.4	3109.6	3087.1	2753.3	2774.6	2602.6
27.5°	5870.3	5999.3	5975.2	6114.8	5975.2	5999.3	5870.3	5839.8	5530.8	5273.1	4782.2
25°	9255.7	9341.1	9346.6	9094.8	9346.6	9341.1	9255.7	9131.0	8813.2	8377.2	7682.2
22.5°	13044.4	13126.9	13277.4	13277.8	13277.4	13126.9	13044.4	12869.5	12397.3	11772.8	10926.9
20°	17152.3	17167.4	17455.0	17475.8	17455.0	17167.4	17152.3	16719.8	16097.8	15194.4	14155.4
17.5°	22078.5	22318.0	22706.8	22480.2	22706.8	22318.0	22078.5	21441.4	20536.3	19332.9	17875.9
15°	27757.3	28292.5	28708.2	28521.4	28708.2	28292.5	27757.3	26666.8	25514.3	23975.8	22317.2
12.5°	33334.2	34177.9	34579.6	34481.4	34579.6	34177.9	33334.2	32077.1	30496.0	28804.9	26754.0
10°	38642.7	39830.2	40256.8	40407.4	40256.8	39830.2	38642.7	37316.9	35615.5	33532.4	31148.8
7.5°	43731.8	44819.9	45466.7	45196.6	45466.7	44819.9	43731.8	42246.9	40257.8	37856.7	35143.7
5°	47816.2	48735.3	49257.7	49071.6	49257.7	48735.3	47816.2	46411.2	44208.3	41493.7	38564.7
2.5°	50708.8	51567.0	52019.9	51792.0	52019.9	51567.0	50708.8	49316.7	47155.2	44204.3	40937.1
0°	52361.3	53235.7	53748.4	53785.2	53748.4	53235.7	52361.3	51033.7	48928.1	46101.1	42660.3
-2.5°	52296.8	52914.4	53274.8	53091.2	53274.8	52914.4	52296.8	51051.4	48995.2	46122.5	42704.1
-5°	51201.9	51723.5	51910.7	51830.7	51910.7	51723.5	51201.9	50232.1	48284.7	45458.6	42101.3
-7.5°	49851.3	50235.9	50364.5	50269.0	50364.5	50235.9	49851.3	48931.2	47098.7	44289.5	41078.7
-10°	48544.6	48928.9	48994.1	48939.4	48994.1	48928.9	48544.6	47653.5	45686.7	43131.9	39909.6
-12.5°	46642.0	47058.5	47072.1	46945.3	47072.1	47058.5	46642.0	45490.7	43762.4	41149.7	38310.8
-15°	43674.7	44015.3	44070.3	43999.2	44070.3	44015.3	43674.7	42681.6	40845.1	38521.9	35931.5
-17.5°	40376.5	40602.0	40846.5	41119.3	40846.5	40602.0	40376.5	39446.3	37856.3	35723.4	33420.5
-20°	36416.5	36686.3	36974.7	37280.1	36974.7	36686.3	36416.5	35701.8	34355.3	32549.8	30499.7



REPORT NUMBER: P1305710 (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°	31966.0	32269.2	32565.0	32719.5	32565.0	32269.2	31966.0	31395.6	30311.9	28809.4	27141.4
-25°	27660.9	28030.1	28263.7	28404.3	28263.7	28030.1	27660.9	27213.9	26321.2	25160.3	23788.7
-27.5°	23714.3	24152.0	24367.5	24459.3	24367.5	24152.0	23714.3	23351.3	22655.3	21746.0	20584.2
-30°	20390.2	20659.0	20696.2	20835.4	20696.2	20659.0	20390.2	20098.2	19350.3	18770.0	17854.8
-32.5°	18198.7	18497.3	18678.7	18831.7	18678.7	18497.3	18198.7	17853.2	17382.9	16759.2	15986.8
-35°	16481.8	16752.3	16930.2	17003.7	16930.2	16752.3	16481.8	16143.6	15707.8	15156.2	14471.2
-37.5°	14836.2	15040.5	15164.9	15264.4	15164.9	15040.5	14836.2	14527.0	14116.3	13619.2	13043.2
-40°	13249.5	13452.2	13575.2	13608.2	13575.2	13452.2	13249.5	12973.8	12614.7	12174.8	11688.7
-42.5°	11768.6	11924.7	12031.8	12105.0	12031.8	11924.7	11768.6	11546.8	11236.9	10862.0	10445.2
-45°	10427.6	10565.1	10660.5	10718.9	10660.5	10565.1	10427.6	10235.6	9975.2	9659.2	9301.0
-47.5°	9207.8	9318.4	9394.4	9438.5	9394.4	9318.4	9207.8	9051.3	8838.8	8571.2	8257.1
-50°	8176.8	8275.7	8345.9	8388.5	8345.9	8275.7	8176.8	8043.1	7863.8	7625.1	7339.4
-52.5°	7333.9	7430.0	7500.6	7546.3	7500.6	7430.0	7333.9	7212.6	7057.2	6838.4	6588.8
-55°	6612.4	6700.7	6764.7	6806.0	6764.7	6700.7	6612.4	6504.7	6374.9	6162.3	5921.7
-57.5°	5965.5	6043.5	6097.7	6131.8	6097.7	6043.5	5965.5	5870.6	5758.8	5559.9	5338.3
-60°	5376.4	5446.7	5496.5	5531.3	5496.5	5446.7	5376.4	5292.1	5193.3	5020.2	4814.2
-62.5°	4871.3	4945.2	4984.7	5006.3	4984.7	4945.2	4871.3	4786.3	4690.3	4532.7	4337.1
-65°	4379.7	4451.0	4489.4	4511.5	4489.4	4451.0	4379.7	4300.2	4213.7	4078.6	3901.8
-67.5°	3868.3	3919.7	3958.8	3988.4	3958.8	3919.7	3868.3	3808.5	3740.7	3631.7	3474.3
-70°	3349.3	3390.9	3392.2	3380.3	3392.2	3390.9	3349.3	3299.5	3241.5	3154.0	3021.3
-72.5°	2811.5	2848.0	2857.5	2857.2	2857.5	2848.0	2811.5	2768.1	2718.0	2650.3	2546.3
-75°	2269.8	2297.7	2316.5	2328.5	2316.5	2297.7	2269.8	2236.2	2197.2	2146.5	2063.0
-77.5°	1728.4	1745.2	1760.9	1771.4	1760.9	1745.2	1728.4	1706.5	1679.7	1643.8	1575.8
-80°	1176.4	1184.2	1186.0	1184.1	1186.0	1184.2	1176.4	1164.9	1149.8	1129.3	1086.4
-82.5°	700.8	704.1	700.6	695.0	700.6	704.1	700.8	695.4	688.0	678.1	658.1
-85°	343.7	344.0	343.3	341.8	343.3	344.0	343.7	342.6	340.7	337.7	328.5
-87.5°	127.5	128.0	130.2	132.2	130.2	128.0	127.5	126.9	126.0	124.9	120.9
-90°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	4.3



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	25.5	25.0	24.5	23.6	22.7	21.7	20.8	19.9	18.9	18.0	17.0
87.5°	13.6	11.3	9.1	9.4	9.7	10.0	10.3	9.8	9.3	8.8	8.3
85°	26.6	23.3	20.2	20.5	20.8	20.9	20.9	20.5	19.9	19.1	18.1
82.5°	31.5	32.1	32.4	34.8	36.6	38.0	38.7	38.8	38.3	37.0	34.9
80°	39.6	42.2	45.0	50.0	54.4	58.0	60.8	62.7	63.9	64.3	62.4
77.5°	47.0	51.1	55.8	63.4	70.4	76.9	82.4	85.8	87.7	88.8	86.4
75°	47.7	53.0	60.1	70.7	80.8	90.4	97.3	101.8	105.7	108.9	106.5
72.5°	41.9	47.2	55.7	68.7	82.3	94.1	104.2	112.8	119.8	125.2	120.7
70°	34.1	38.0	46.1	58.2	71.1	84.5	99.0	114.0	129.4	139.3	131.4
67.5°	28.0	30.1	36.2	45.6	56.9	69.6	84.4	101.4	117.9	133.9	130.9
65°	23.9	25.5	29.7	36.1	44.2	54.0	65.3	79.5	97.0	115.1	116.7
62.5°	21.3	22.5	25.4	29.3	34.4	40.7	49.5	61.4	75.0	86.3	92.1
60°	20.8	21.1	23.2	25.6	28.3	32.2	39.6	47.8	56.8	66.5	71.6
57.5°	23.0	23.4	24.7	25.8	26.4	29.4	33.9	39.2	47.4	53.5	57.2
55°	27.7	29.4	30.5	30.6	30.0	31.3	32.4	35.3	41.3	47.0	52.2
52.5°	31.7	35.0	37.8	39.7	39.8	38.6	36.2	37.1	40.4	46.2	50.9
50°	41.3	45.1	46.8	47.0	51.2	51.2	48.3	44.5	50.0	52.6	52.8
47.5°	65.5	69.7	65.7	64.5	71.9	69.9	67.0	66.7	73.2	67.9	65.7
45°	122.5	122.4	112.0	115.3	113.1	109.6	97.7	107.9	109.8	103.7	85.7
42.5°	222.6	212.6	199.7	203.4	198.8	182.9	162.7	167.9	164.5	151.4	140.7
40°	363.2	338.2	326.3	322.6	314.1	291.2	272.2	244.9	235.9	216.0	212.7
37.5°	535.9	497.8	486.7	464.8	447.2	442.5	412.8	363.0	319.1	338.1	313.9
35°	749.6	714.9	708.5	652.8	612.6	697.4	618.6	519.8	497.1	543.6	464.1
32.5°	1093.9	1245.3	1109.4	989.6	1125.9	1145.1	998.5	763.0	879.2	876.8	732.4
30°	2334.2	2363.2	2182.7	1850.0	2049.4	2002.1	1576.0	1519.4	1486.3	1330.1	1087.5
27.5°	4509.1	4040.5	3774.3	3594.6	3308.4	3153.2	2811.4	2458.4	2260.8	1975.0	1593.2
25°	7165.1	6507.5	5917.5	5543.6	5051.4	4552.7	4148.6	3650.2	3222.5	2764.3	2228.9
22.5°	10030.9	9255.0	8442.6	7687.8	7002.1	6307.8	5594.1	4882.7	4276.6	3680.9	2999.6
20°	13078.6	12117.9	11031.5	10089.9	9148.6	8166.5	7178.8	6320.2	5533.7	4691.5	3829.0
17.5°	16668.4	15249.4	13904.1	12684.2	11424.6	10170.6	9137.8	8057.9	6912.5	5755.8	4690.5
15°	20542.1	18820.9	17156.3	15508.9	13933.5	12564.7	11271.4	9897.7	8419.9	6936.3	5669.6
12.5°	24641.2	22478.5	20406.9	18496.5	16752.2	15084.4	13474.6	11823.3	10031.4	8271.9	6817.6
10°	28632.1	26099.4	23781.9	21582.0	19538.1	17602.9	15590.9	13592.9	11565.9	9588.8	7925.9
7.5°	32320.8	29576.8	26979.7	24368.5	21862.2	19629.6	17445.3	15250.9	13033.9	10836.0	8987.0
5°	35393.5	32286.8	29306.6	26425.5	23729.1	21467.3	19188.4	16820.3	14416.4	12003.7	9991.0
2.5°	37469.9	34302.0	31266.9	28226.7	25270.2	22944.5	20547.5	18012.5	15381.7	12774.4	10642.9
0°	38970.3	35476.6	32290.8	29163.5	25990.9	23743.6	21377.4	18841.2	16072.7	13383.5	11223.1
-2.5°	38980.1	35445.9	32259.5	28953.5	25837.0	23399.1	21090.4	18634.6	16075.2	13492.3	11355.5
-5°	38439.1	34954.7	31772.0	28545.3	25427.1	22959.6	20696.3	18349.2	15959.6	13504.4	11408.8
-7.5°	37613.6	34221.7	31035.2	27826.6	24802.4	22396.4	20211.8	18012.3	15749.5	13433.1	11389.9
-10°	36477.7	33254.8	30183.2	26999.0	24090.2	21710.0	19639.0	17594.6	15451.2	13266.0	11298.7
-12.5°	35006.0	31928.9	29073.2	26024.8	23272.8	21062.4	19044.8	17101.3	15081.9	13006.3	11138.7
-15°	33017.1	30344.2	27671.3	24908.5	22371.9	20299.2	18364.3	16469.6	14477.1	12560.7	10913.7
-17.5°	30882.8	28542.5	26155.1	23509.9	21229.1	19410.0	17576.7	15679.3	13711.0	11831.4	10320.3
-20°	28367.9	26232.6	24218.9	21927.4	19745.4	17997.5	16488.9	14761.3	12790.9	11041.0	9608.3



REPORT NUMBER: P1305710 (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°	25397.2	23569.4	21719.7	19802.5	18017.9	16398.6	14930.7	13439.8	11713.1	10129.7	8828.4
-25°	22349.0	20745.8	19088.8	17558.0	16074.5	14612.9	13272.1	11902.3	10536.3	9181.9	7998.1
-27.5°	19378.8	17975.7	16591.6	15367.2	14170.0	12892.1	11624.2	10453.8	9399.4	8314.6	7200.0
-30°	16758.0	15848.4	14634.1	13447.5	12632.9	11507.7	10152.2	9315.9	8476.6	7540.6	6548.9
-32.5°	15090.9	14229.4	13164.0	12221.2	11383.7	10363.5	9341.1	8358.0	7684.7	6879.8	6050.9
-35°	13714.8	12920.8	12065.0	11223.2	10361.6	9499.5	8601.2	7777.9	7010.7	6283.0	5581.6
-37.5°	12390.8	11709.2	10993.9	10237.7	9494.4	8714.0	7936.4	7179.1	6428.1	5777.3	5155.5
-40°	11149.7	10563.6	9979.7	9318.4	8646.2	7959.9	7265.3	6563.7	5913.6	5297.3	4740.1
-42.5°	9999.6	9515.7	9009.0	8422.1	7812.4	7211.3	6591.5	5976.8	5396.1	4854.7	4342.6
-45°	8925.9	8504.1	8042.2	7547.4	7006.0	6476.4	5928.9	5407.5	4902.1	4420.2	3939.5
-47.5°	7926.8	7557.9	7141.9	6712.4	6250.3	5777.6	5331.8	4864.9	4427.0	3985.2	3570.1
-50°	7035.0	6722.8	6358.1	5956.7	5582.4	5183.9	4776.9	4355.7	3971.9	3600.4	3219.5
-52.5°	6310.5	6011.0	5686.5	5338.3	4989.0	4630.7	4255.1	3918.4	3576.5	3245.7	2910.2
-55°	5651.6	5383.4	5094.9	4775.2	4439.2	4148.9	3842.0	3529.3	3223.4	2915.5	2639.5
-57.5°	5101.5	4846.9	4575.9	4294.7	4004.2	3728.0	3451.0	3166.4	2901.0	2645.4	2389.1
-60°	4592.2	4353.1	4111.2	3856.3	3588.3	3325.5	3102.0	2866.2	2617.9	2400.7	2182.5
-62.5°	4130.8	3913.9	3688.8	3468.2	3244.3	3022.0	2809.7	2601.9	2391.3	2184.4	1998.4
-65°	3720.6	3535.9	3337.8	3136.8	2938.5	2744.2	2551.9	2364.3	2185.4	2011.7	1831.0
-67.5°	3313.7	3150.9	2979.9	2806.8	2638.0	2474.7	2309.3	2146.3	1982.4	1822.5	1653.8
-70°	2887.0	2752.4	2613.5	2472.1	2330.0	2189.4	2043.4	1896.1	1753.4	1612.2	1462.8
-72.5°	2438.7	2328.0	2213.8	2098.2	1984.7	1870.6	1748.6	1621.1	1497.7	1379.4	1257.2
-75°	1975.3	1883.9	1791.1	1701.5	1612.0	1523.3	1430.3	1328.8	1229.8	1133.6	1035.4
-77.5°	1505.2	1432.4	1360.5	1297.6	1234.6	1172.1	1106.2	1029.2	953.2	878.4	802.0
-80°	1041.7	995.5	949.6	910.9	870.1	827.4	781.2	725.5	670.2	618.9	570.1
-82.5°	636.4	613.1	588.5	565.9	541.8	516.4	489.4	457.3	425.2	393.3	361.1
-85°	318.5	307.8	296.5	287.3	277.2	266.3	254.6	240.2	225.1	209.2	192.4
-87.5°	116.9	112.7	108.4	105.3	102.0	98.5	95.0	89.8	84.7	79.5	74.4
-90°	4.8	5.2	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7



REPORT NUMBER: P1305710 (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°	16.5	16.1	15.6	15.1	14.6	14.2	13.7	13.2	12.7	12.3	11.8
87.5°	10.0	11.5	12.9	14.1	13.4	12.8	12.2	11.6	11.6	11.5	11.3
85°	18.5	19.1	19.9	20.8	19.6	17.9	16.7	15.6	15.5	15.3	15.0
82.5°	31.6	29.9	29.0	28.5	28.0	26.9	25.3	23.0	20.5	19.2	18.7
80°	55.6	49.5	44.2	39.7	37.1	36.0	34.8	32.2	26.9	23.2	21.2
77.5°	77.3	68.9	61.3	53.9	47.4	43.0	40.6	39.2	33.0	27.0	23.1
75°	96.6	85.7	75.6	65.9	56.7	49.3	44.0	40.3	35.3	30.2	24.7
72.5°	109.2	98.3	87.8	76.6	64.7	54.8	47.1	41.4	36.2	31.1	25.9
70°	119.0	108.2	97.1	84.3	71.5	59.6	49.8	43.0	37.1	31.8	26.6
67.5°	125.6	112.6	101.5	90.6	77.5	64.4	52.1	44.6	38.6	32.5	27.2
65°	112.7	108.4	103.0	91.6	80.5	68.8	55.7	46.8	40.0	33.8	27.7
62.5°	95.9	96.5	93.3	89.6	80.8	69.8	59.1	50.2	41.6	34.9	28.6
60°	75.1	79.6	82.6	81.2	77.4	69.6	60.4	53.4	44.4	36.0	29.5
57.5°	62.1	63.9	68.6	72.0	70.9	66.5	61.2	55.0	47.0	37.9	30.4
55°	53.8	56.6	58.3	61.0	63.6	61.4	60.7	55.9	49.0	39.9	31.7
52.5°	53.6	54.5	54.9	54.1	55.3	57.2	58.1	56.9	50.0	41.7	33.9
50°	55.8	60.6	57.5	53.7	49.4	52.4	55.8	55.3	51.0	43.2	36.1
47.5°	65.8	72.7	68.6	57.7	51.2	48.5	52.9	53.7	52.0	44.2	38.3
45°	92.9	91.9	85.7	72.4	56.3	52.0	50.3	52.2	50.9	46.5	40.6
42.5°	129.9	124.6	111.3	89.8	78.6	59.2	48.5	50.7	49.9	49.2	42.9
40°	194.8	167.4	144.8	131.5	112.2	68.7	55.5	49.6	49.4	51.8	45.5
37.5°	270.9	229.9	190.6	191.5	158.2	106.9	64.8	49.1	52.3	54.1	48.3
35°	381.9	309.6	285.3	273.0	224.5	151.9	75.2	52.7	56.5	57.0	51.3
32.5°	509.5	464.8	448.3	376.3	302.1	203.4	106.3	67.8	61.8	60.6	54.4
30°	810.5	739.1	662.6	495.9	394.6	275.9	157.2	83.1	68.3	64.8	57.6
27.5°	1295.9	1064.3	926.2	690.0	507.7	358.8	221.0	98.8	75.9	69.8	60.8
25°	1819.6	1494.5	1241.0	935.4	631.3	487.0	292.7	116.4	87.5	75.8	64.4
22.5°	2411.2	1959.6	1589.7	1210.4	827.4	635.8	384.9	172.6	100.8	82.3	68.1
20°	3010.9	2431.5	1986.3	1549.7	1083.2	804.8	500.9	232.0	114.1	89.4	72.1
17.5°	3638.1	3031.4	2528.0	1937.3	1369.6	982.9	626.5	293.7	127.1	96.8	76.2
15°	4597.4	3795.0	3109.6	2360.1	1653.5	1167.4	758.7	356.4	139.9	104.4	84.6
12.5°	5594.3	4572.7	3716.3	2807.7	1932.1	1355.3	894.5	418.6	152.3	120.3	98.5
10°	6566.0	5354.0	4336.1	3268.1	2202.3	1543.3	1030.5	500.8	189.8	143.0	112.6
7.5°	7504.0	6127.6	4956.4	3728.8	2482.6	1790.3	1276.9	628.4	232.1	166.1	126.8
5°	8347.5	6806.4	5542.1	4212.1	2864.8	2094.7	1540.1	755.4	275.0	189.3	140.9
2.5°	8914.6	7324.1	6080.6	4663.3	3229.6	2387.4	1795.7	877.8	317.6	212.1	154.7
0°	9417.7	7791.8	6575.6	5072.4	3573.0	2666.5	2035.8	991.4	358.8	234.2	168.1
-2.5°	9545.0	7907.5	6728.4	5322.6	3862.0	2921.6	2252.6	1166.9	492.6	317.0	220.6
-5°	9605.4	7984.3	6842.6	5531.6	4124.0	3159.3	2443.3	1327.2	621.6	397.4	271.8
-7.5°	9618.3	8045.8	6903.4	5681.9	4357.0	3378.2	2605.7	1470.1	743.3	474.4	320.9
-10°	9574.3	8070.5	6886.7	5642.8	4371.6	3468.5	2714.1	1593.5	855.4	546.5	367.2
-12.5°	9471.8	8038.5	6829.3	5556.0	4319.6	3435.1	2644.0	1640.3	951.8	612.7	409.9
-15°	9313.9	7946.0	6731.2	5419.6	4234.9	3379.7	2564.6	1647.5	1010.7	670.8	448.5
-17.5°	9021.5	7789.7	6592.9	5232.6	4116.3	3301.4	2480.0	1644.9	1061.1	720.8	485.2
-20°	8400.8	7392.6	6403.1	4994.1	3963.2	3199.4	2394.0	1633.4	1102.5	764.1	519.5



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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°	7741.9	6830.9	5897.2	4784.4	3801.7	3073.1	2310.0	1614.4	1134.7	800.1	548.8
-25°	7034.9	6260.4	5365.5	4441.8	3645.3	2942.2	2246.7	1588.8	1157.3	828.4	572.7
-27.5°	6373.0	5685.1	4865.7	4103.7	3423.9	2826.1	2197.7	1604.9	1176.0	848.6	590.9
-30°	5741.8	5145.0	4465.5	3791.9	3199.7	2672.5	2145.4	1611.4	1195.6	865.5	603.3
-32.5°	5286.2	4661.7	4101.9	3537.1	3003.3	2510.2	2044.6	1605.7	1204.3	877.4	612.8
-35°	4925.8	4303.7	3762.6	3285.3	2814.2	2357.9	1925.0	1587.9	1201.8	881.0	617.4
-37.5°	4553.3	3996.7	3492.6	3052.0	2619.6	2199.2	1824.8	1510.4	1187.9	876.2	616.0
-40°	4205.9	3694.4	3240.8	2835.3	2434.7	2034.8	1717.1	1432.8	1171.2	862.8	608.5
-42.5°	3846.0	3401.0	2994.6	2614.2	2249.8	1907.5	1604.9	1350.1	1114.8	845.6	594.8
-45°	3506.8	3104.7	2745.3	2407.0	2067.5	1773.6	1508.3	1264.9	1050.0	822.7	577.9
-47.5°	3162.4	2825.8	2507.3	2196.4	1913.4	1640.4	1406.7	1189.0	982.0	791.1	559.2
-50°	2855.1	2559.8	2280.6	2014.0	1753.2	1524.1	1305.3	1109.6	919.7	735.7	534.9
-52.5°	2593.1	2319.3	2077.1	1839.6	1618.1	1403.1	1214.4	1028.1	854.8	683.8	505.1
-55°	2357.1	2105.1	1889.7	1685.8	1486.3	1297.1	1120.3	953.3	787.3	631.8	470.9
-57.5°	2154.3	1911.8	1725.6	1542.4	1366.4	1194.3	1031.2	876.0	723.9	577.4	439.8
-60°	1964.0	1758.0	1571.4	1412.6	1253.0	1095.1	944.1	798.9	659.8	522.4	400.7
-62.5°	1805.8	1609.6	1436.5	1289.0	1144.2	1000.3	856.0	724.7	593.3	471.2	357.7
-65°	1648.7	1471.9	1304.1	1173.1	1039.4	903.5	771.8	648.0	528.9	417.3	315.5
-67.5°	1487.9	1329.9	1184.5	1058.5	929.8	804.5	684.5	570.6	462.8	361.0	278.3
-70°	1317.6	1182.5	1052.8	930.7	813.9	701.0	592.8	490.9	394.0	312.6	239.3
-72.5°	1132.4	1014.1	902.8	796.7	691.0	591.0	497.2	410.5	333.2	262.5	198.6
-75°	933.6	834.8	740.9	650.5	561.4	477.8	404.3	335.9	270.3	210.5	161.8
-77.5°	720.8	643.5	570.6	502.8	434.6	371.2	313.0	259.1	208.5	165.0	125.7
-80°	515.6	462.2	410.1	359.1	308.6	262.3	225.7	190.4	153.3	119.3	88.7
-82.5°	322.6	290.1	260.2	231.2	202.5	174.9	148.7	123.6	97.0	72.8	58.6
-85°	173.6	155.4	137.7	120.8	103.3	86.7	78.5	70.5	60.6	51.5	43.2
-87.5°	70.7	67.0	63.3	59.5	54.9	50.5	46.1	41.9	36.7	31.9	27.5
-90°	6.2	6.7	7.1	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6



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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°	11.0	10.1	9.4	8.8	8.3	7.9	7.6
85°	14.4	12.7	11.2	9.9	8.9	8.2	7.6
82.5°	17.8	15.2	13.0	11.1	9.6	8.5	7.6
80°	20.7	17.7	14.7	12.2	10.2	8.7	7.6
77.5°	21.1	19.3	16.4	13.3	10.8	9.0	7.6
75°	21.4	19.4	17.8	14.4	11.4	9.3	7.6
72.5°	21.7	19.4	17.7	15.5	12.1	9.6	7.6
70°	22.0	19.4	17.5	16.2	12.6	9.8	7.6
67.5°	22.7	19.4	17.4	16.0	13.2	10.1	7.6
65°	23.4	19.7	17.2	15.8	13.8	10.3	7.6
62.5°	24.2	20.3	17.0	15.6	14.3	10.6	7.6
60°	24.8	21.0	16.7	15.3	14.8	10.8	7.6
57.5°	26.0	21.6	17.2	15.0	14.7	11.0	7.6
55°	27.2	22.2	17.7	14.7	14.6	11.3	7.6
52.5°	28.4	22.8	18.2	14.4	14.6	11.5	7.6
50°	29.6	23.9	18.7	14.0	14.5	11.7	7.6
47.5°	31.0	25.0	19.1	13.8	14.5	11.9	7.6
45°	32.9	26.0	19.5	14.2	14.4	12.0	7.6
42.5°	34.8	27.0	19.9	14.5	14.5	12.2	7.6
40°	36.7	28.0	20.5	15.1	14.5	12.4	7.6
37.5°	38.5	28.9	21.2	15.8	14.5	12.5	7.6
35°	40.3	30.2	22.0	16.7	14.6	12.6	7.6
32.5°	42.2	31.6	22.6	17.5	14.7	12.8	7.6
30°	44.6	32.9	23.2	18.4	14.8	12.9	7.6
27.5°	47.1	34.1	25.1	19.2	15.0	13.0	7.6
25°	49.5	35.3	27.2	20.1	15.1	13.0	7.6
22.5°	52.0	37.4	29.4	21.0	15.3	13.1	7.6
20°	54.4	42.1	31.6	21.9	15.5	13.2	7.6
17.5°	60.7	47.1	33.9	22.8	15.7	13.2	7.6
15°	69.6	52.3	36.2	23.7	15.9	13.2	7.6
12.5°	78.7	57.5	38.5	24.6	16.1	13.3	7.6
10°	87.8	62.8	40.8	25.4	16.3	13.3	7.6
7.5°	96.8	68.1	43.0	26.2	16.5	13.3	7.6
5°	105.7	73.3	45.1	26.9	16.6	13.3	7.6
2.5°	114.4	78.3	47.2	27.7	16.8	13.2	7.6
0°	122.7	83.1	49.1	28.3	17.0	13.2	7.6
-2.5°	154.5	100.9	58.7	32.5	18.2	13.4	7.6
-5°	185.5	118.2	67.9	36.6	19.4	13.7	7.6
-7.5°	215.1	134.7	76.8	40.5	20.6	13.9	7.6
-10°	243.0	150.3	85.3	44.2	21.7	14.1	7.6
-12.5°	268.7	164.7	93.1	47.6	22.8	14.3	7.6
-15°	291.9	177.9	100.2	50.8	23.8	14.4	7.6
-17.5°	312.2	189.5	106.5	53.6	24.7	14.6	7.6
-20°	332.1	199.5	112.0	56.0	25.5	14.7	7.6



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	353.2	207.7	116.5	58.0	26.3	14.8	7.6
-25°	370.8	218.4	120.0	59.5	26.9	14.9	7.6
-27.5°	384.4	228.6	122.3	60.6	27.5	14.9	7.6
-30°	394.0	236.2	123.9	61.2	27.9	15.0	7.6
-32.5°	399.5	241.2	127.7	61.2	28.2	15.0	7.6
-35°	403.8	243.5	130.0	60.7	28.3	14.9	7.6
-37.5°	405.3	244.1	130.8	59.6	28.4	14.9	7.6
-40°	402.7	244.2	129.9	58.0	28.3	14.8	7.6
-42.5°	395.9	241.8	128.8	56.4	28.1	14.7	7.6
-45°	384.9	236.8	127.5	55.4	27.7	14.6	7.6
-47.5°	369.7	229.3	124.9	53.6	27.3	14.4	7.6
-50°	355.6	219.3	121.0	53.1	26.7	14.2	7.6
-52.5°	338.8	206.9	115.8	52.5	25.9	14.0	7.6
-55°	318.5	196.3	109.3	51.3	25.1	13.8	7.6
-57.5°	295.0	184.6	101.6	49.5	24.1	13.5	7.6
-60°	269.1	171.0	92.8	47.1	23.0	13.2	7.6
-62.5°	247.3	155.7	86.6	44.2	22.1	12.9	7.6
-65°	223.2	138.7	79.4	40.7	21.2	12.6	7.6
-67.5°	196.8	122.6	71.3	36.8	20.3	12.3	7.6
-70°	168.4	107.5	62.4	32.4	19.2	11.9	7.6
-72.5°	143.2	91.3	52.7	29.6	18.1	11.5	7.6
-75°	117.1	73.9	42.4	27.1	17.0	11.1	7.6
-77.5°	89.7	55.7	36.5	24.5	15.8	10.7	7.6
-80°	61.3	44.0	31.5	21.7	14.6	10.3	7.6
-82.5°	47.5	36.0	26.4	18.8	13.3	9.8	7.6
-85°	35.6	27.7	21.1	15.9	12.0	9.4	7.6
-87.5°	23.5	19.3	15.8	12.9	10.7	9.0	7.6
-90°	7.6	7.6	7.6	7.6	7.6	7.6	7.6

(END OF REPORT)