

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: P1306420 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-57-80-7F-VHE-A**

Issue Date: 2/3/2026

Test Information

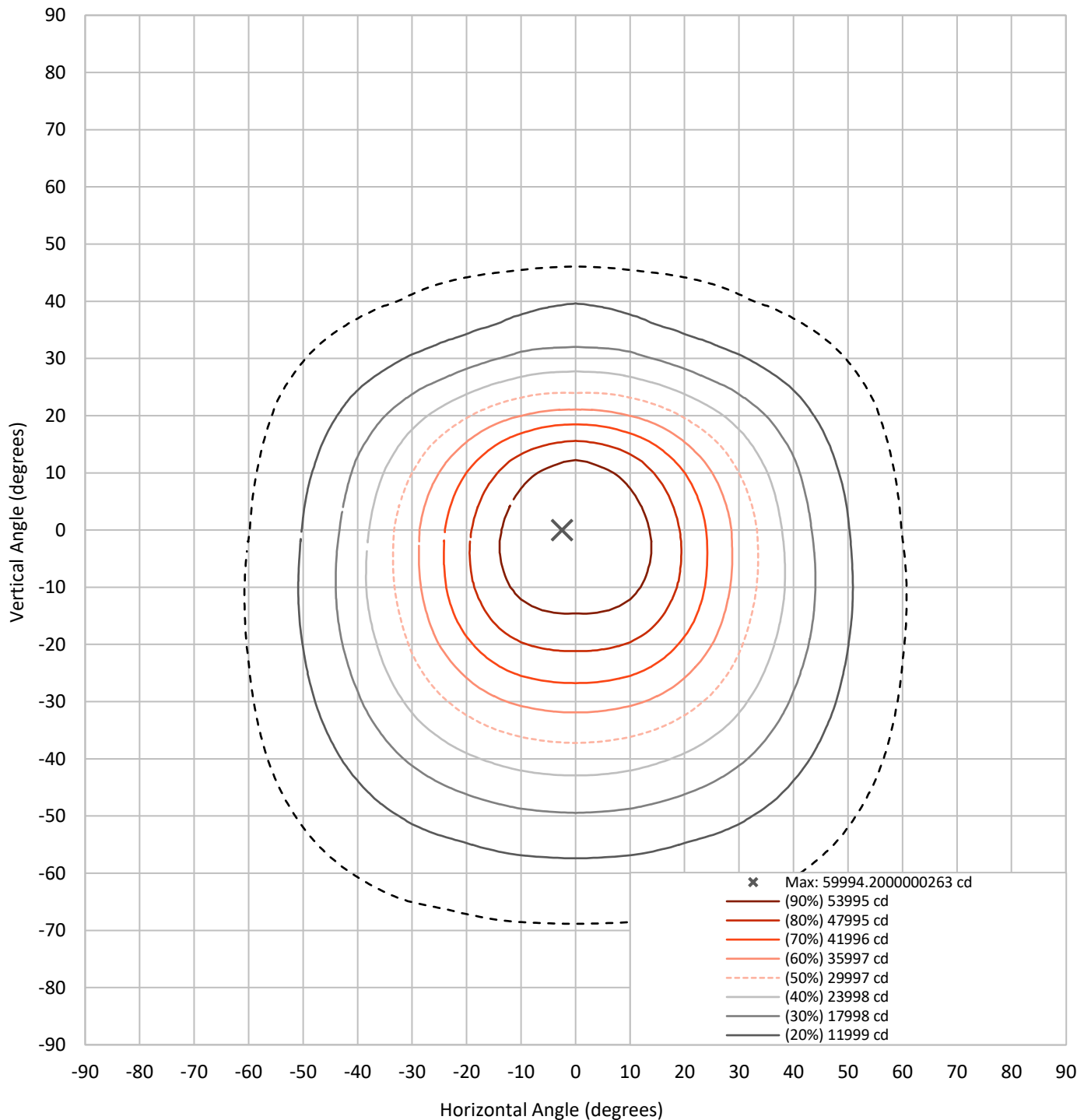
Test Method: LM-79-08
Report Number: P1306420 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-6)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680N-57-80-7F-VHE-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 7F BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	79814.4 lumens	Max Intensity:	59994.2 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	116.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	66.6°H x 61.2°V	Field Angle (10%):	119.6°H x 114.9°V
Beam Lumens:	43335.3 lumens	Field Lumens:	74793.3 lumens
Beam Efficiency:	54.3%	Field Efficiency:	93.7%
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		

REPORT NUMBER: P1306420 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





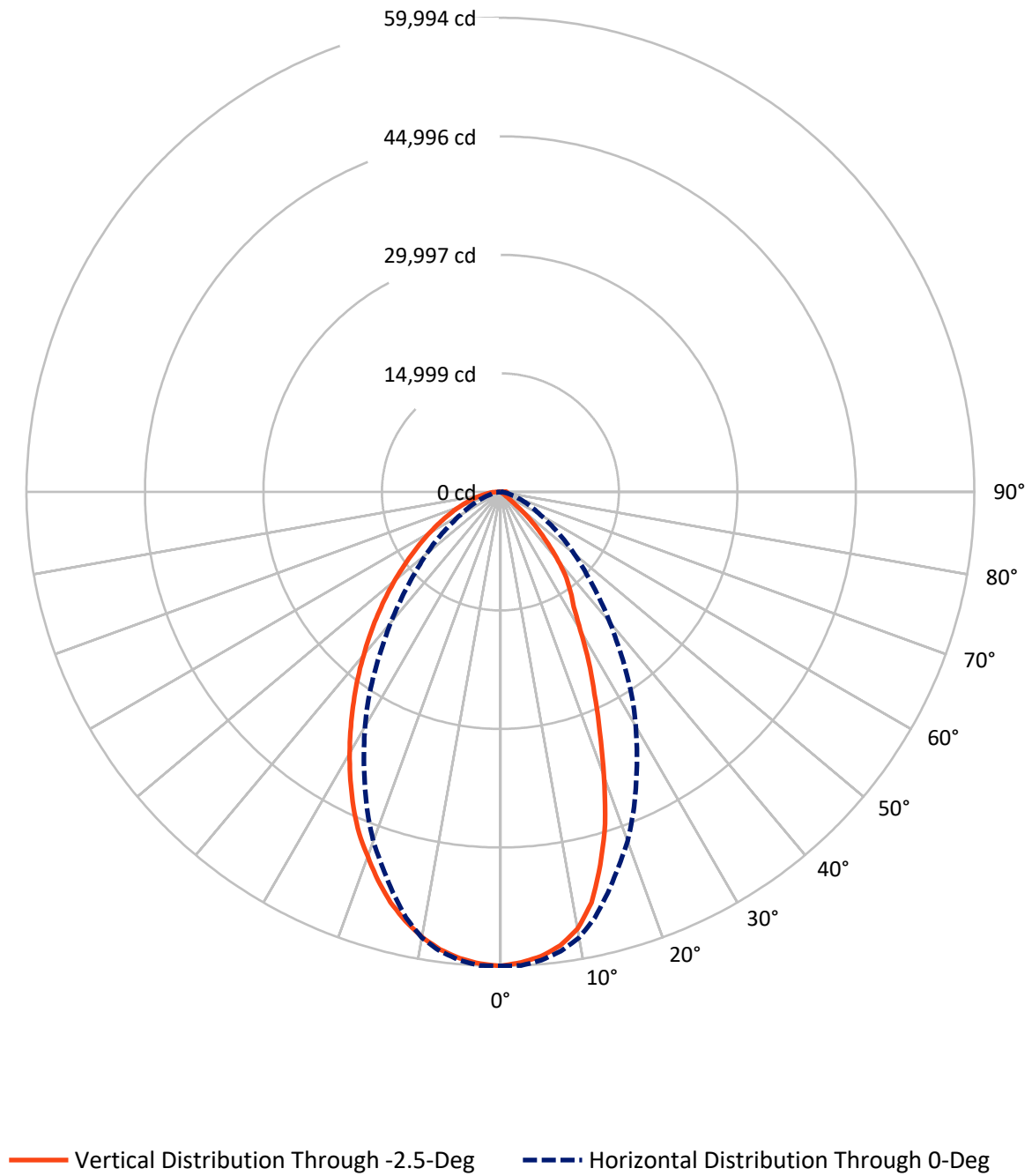
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Lumen Table

90																			
80	1.4	6.6		14.8		18.6		20.3		18.6		14.8		6.6		1.4			
70																			
60	4.8	3.2	4.6	5.1	3.9	2.3	1.6	1.4	1.4	1.6	2.3	3.9	5.1	4.6	3.2	4.8			
50		6.6	8.5	8.6	9.6	12.5	17.2	19.2	19.2	17.2	12.5	9.6	8.6	8.5	6.6				
40	12.3	12.9	24.1	47.7	83.3	128.9	172.5	203.4	203.4	172.5	128.9	83.3	47.7	24.1	12.9	12.3			
30		23.6	59.8	122.7	202.8	291.7	382.3	461.5	461.5	382.3	291.7	202.8	122.7	59.8	23.6				
20	21.8	34.9	96.0	203.0	355.7	541.2	732.3	855.1	855.1	732.3	541.2	355.7	203.0	96.0	34.9	21.8			
10		44.2	126.5	284.6	534.0	861.3	1202.8	1432.7	1432.7	1202.8	861.3	534.0	284.6	126.5	44.2				
0	27.6	51.5	148.5	341.4	658.5	1073.2	1480.3	1746.6	1746.6	1480.3	1073.2	658.5	341.4	148.5	51.5	27.6			
-10		56.0	161.4	368.0	702.6	1126.3	1539.7	1768.9	1768.9	1539.7	1126.3	702.6	368.0	161.4	56.0				
-20	29.1	57.2	161.9	363.9	673.5	1062.7	1423.2	1607.3	1607.3	1423.2	1062.7	673.5	363.9	161.9	57.2	29.1			
-30		54.5	149.3	326.3	588.7	898.4	1174.9	1316.8	1316.8	1174.9	898.4	588.7	326.3	149.3	54.5				
-40	24.3	48.7	129.0	270.1	468.9	688.6	872.5	973.0	973.0	872.5	688.6	468.9	270.1	129.0	48.7	24.3			
-50		40.6	102.9	205.4	341.4	481.0	595.7	660.9	660.9	595.7	481.0	341.4	205.4	102.9	40.6				
-60	15.6	31.4	75.5	142.7	226.8	306.8	373.8	411.5	411.5	373.8	306.8	226.8	142.7	75.5	31.4	15.6			
-70		21.6	49.4	89.4	136.9	178.7	215.1	233.8	233.8	215.1	178.7	136.9	89.4	49.4	21.6				
-80	7.0	57.5		161.0		262.6		306.1		262.6		161.0		57.5		7.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

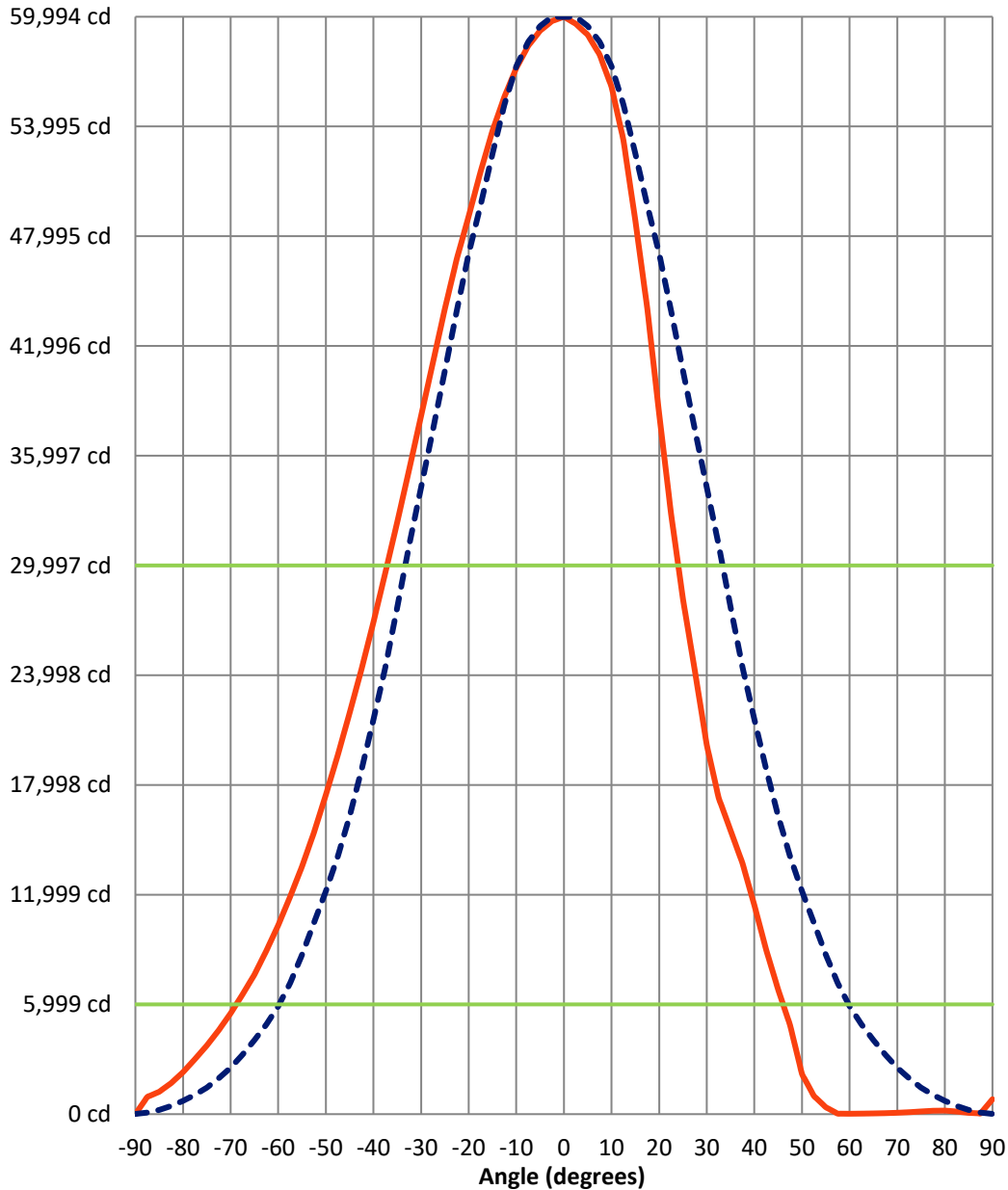
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 66.6°
 V Angle: 61.2°
 Lumens: 43335.3
 Efficiency: 54.3%

Field:
 H Angle: 119.6°
 V Angle: 114.9°
 Lumens: 74793.3
 Efficiency: 93.7%

Spill:
 Lumens: 5021.1
 Efficiency: 6.3%

— Vertical Distribution through -2.5-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°	13.1	45.8	78.4	121.3	164.3	207.2	250.1	281.4	312.6	343.9	375.1
87.5°	13.1	16.6	19.0	20.6	21.9	22.9	23.6	23.6	23.3	22.7	21.8
85°	13.1	19.2	23.0	26.2	28.8	30.9	32.3	32.7	32.6	31.8	30.5
82.5°	13.1	21.8	27.1	31.9	35.8	38.9	41.0	41.9	42.7	45.8	48.3
80°	13.1	24.4	31.2	37.5	42.8	46.9	50.8	57.3	62.8	67.5	71.3
77.5°	13.1	27.0	35.3	43.2	49.8	58.1	67.6	75.7	83.0	89.3	92.2
75°	13.1	29.5	39.4	48.8	58.4	75.3	84.8	94.1	103.6	110.0	106.9
72.5°	13.1	32.1	43.6	54.4	74.6	92.8	102.4	114.8	128.6	131.4	123.3
70°	13.1	34.6	47.8	61.5	90.9	110.5	121.9	142.5	154.7	154.9	158.4
67.5°	13.1	37.1	52.0	75.3	107.3	128.6	151.7	171.1	182.6	198.5	199.8
65°	13.1	39.7	56.2	89.0	123.8	152.2	182.3	200.7	228.3	244.0	247.4
62.5°	13.1	42.1	60.5	102.7	140.4	181.5	213.8	241.8	275.4	294.4	306.9
60°	13.1	44.6	64.8	116.4	157.2	211.2	246.2	288.1	324.1	358.0	370.3
57.5°	13.1	47.0	74.7	130.0	182.8	241.4	290.8	336.2	385.5	424.6	444.3
55°	13.1	49.4	84.6	143.5	208.9	272.1	337.7	387.7	451.9	497.1	527.1
52.5°	13.1	51.8	94.3	157.0	235.0	304.9	385.5	452.5	520.4	583.0	616.1
50°	13.1	54.1	103.8	170.4	261.2	346.8	434.1	520.3	595.3	673.6	728.0
47.5°	13.1	56.4	113.1	185.3	287.4	388.9	485.2	589.5	682.6	768.8	851.6
45°	13.1	58.6	122.3	205.1	313.6	431.1	546.3	660.0	777.1	891.7	985.2
42.5°	13.1	60.8	131.2	224.6	339.7	473.5	607.8	739.9	874.6	1022.0	1164.7
40°	13.1	63.0	139.9	243.8	369.4	515.8	669.7	826.7	980.9	1158.5	1364.4
37.5°	13.1	65.0	148.4	262.6	402.3	558.0	731.7	914.7	1099.6	1304.5	1578.2
35°	13.1	67.1	156.5	280.7	434.6	605.2	793.7	1003.6	1217.3	1474.5	1816.6
32.5°	13.1	69.0	164.4	298.2	466.3	654.5	859.0	1093.2	1333.6	1637.7	2026.6
30°	13.1	70.9	172.0	315.0	497.2	702.9	931.6	1184.7	1448.3	1793.7	2223.5
27.5°	13.1	72.7	179.2	331.0	525.4	750.3	1003.4	1280.3	1568.1	1942.1	2407.0
25°	13.1	74.4	186.1	346.3	552.1	796.5	1073.9	1373.3	1694.4	2093.7	2577.9
22.5°	13.1	76.0	192.6	360.7	577.4	839.2	1143.0	1463.4	1813.9	2239.9	2757.5
20°	13.1	77.5	198.8	374.3	601.1	874.7	1210.2	1550.4	1926.3	2374.7	2927.0
17.5°	13.1	79.0	204.5	386.9	623.3	907.5	1262.9	1633.8	2031.6	2498.1	3085.6
15°	13.1	80.3	209.8	398.5	643.8	937.6	1303.9	1703.9	2129.5	2610.1	3232.7
12.5°	13.1	81.5	214.6	409.2	662.6	964.8	1340.2	1758.6	2215.8	2711.0	3367.7
10°	13.1	82.6	219.0	418.8	679.6	989.2	1371.6	1809.4	2293.3	2829.6	3505.2
7.5°	13.1	83.6	222.9	427.3	694.6	1010.5	1398.3	1855.8	2365.2	2947.1	3661.8
5°	13.1	84.5	226.2	434.7	707.7	1028.9	1420.2	1897.0	2430.5	3057.8	3805.1
2.5°	13.1	85.2	229.1	441.0	718.8	1044.2	1437.4	1932.4	2488.4	3159.8	3934.1
0°	13.1	85.8	231.4	446.0	727.8	1056.3	1450.0	1961.4	2538.0	3250.9	4047.8
-2.5°	13.1	87.5	235.0	452.7	739.7	1076.0	1484.9	2009.6	2599.9	3314.8	4119.7
-5°	13.1	89.0	237.9	458.2	749.3	1092.3	1514.7	2050.3	2652.2	3366.0	4175.1
-7.5°	13.1	90.4	240.4	462.4	756.6	1105.1	1538.9	2083.1	2694.4	3404.6	4213.9
-10°	13.1	91.7	242.2	465.2	761.4	1114.2	1557.2	2107.7	2726.2	3430.7	4235.9
-12.5°	13.1	92.7	243.4	466.6	763.8	1119.4	1569.1	2123.6	2747.1	3445.5	4253.2
-15°	13.1	93.7	244.1	466.7	763.5	1120.6	1574.1	2130.6	2754.2	3451.6	4257.4
-17.5°	13.1	94.4	244.1	465.3	760.6	1117.7	1572.0	2125.6	2746.3	3442.5	4241.6
-20°	13.1	95.0	243.6	462.4	755.0	1110.6	1563.4	2110.0	2726.2	3417.9	4205.4



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 CATALOG NUMBER: EPH-08-680N-57-80-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	13.1	95.4	242.4	458.1	746.6	1099.1	1549.6	2085.9	2693.6	3377.6	4148.4
-25°	13.1	95.7	240.6	452.3	735.5	1087.8	1529.8	2053.4	2648.5	3321.2	4070.5
-27.5°	13.1	95.7	238.2	445.1	721.5	1073.9	1503.9	2012.6	2590.6	3253.0	3994.0
-30°	13.1	95.6	235.2	436.3	705.3	1055.2	1472.0	1963.4	2529.8	3177.7	3899.5
-32.5°	13.1	95.4	231.7	426.1	690.4	1031.9	1434.0	1916.4	2464.7	3087.1	3785.9
-35°	13.1	94.9	227.5	414.4	672.6	1003.8	1398.7	1865.6	2390.1	2981.1	3653.6
-37.5°	13.1	94.3	222.7	401.2	651.8	973.8	1360.8	1807.7	2306.1	2860.1	3516.2
-40°	13.1	93.5	217.4	386.6	628.1	944.9	1316.8	1743.1	2212.9	2746.6	3371.6
-42.5°	13.1	92.5	211.5	371.4	606.1	911.9	1266.8	1671.7	2124.4	2634.2	3213.2
-45°	13.1	91.3	205.0	356.5	586.2	875.0	1210.8	1598.7	2034.9	2508.3	3045.8
-47.5°	13.1	90.0	198.0	340.1	564.0	834.3	1148.9	1525.7	1937.8	2369.3	2887.9
-50°	13.1	88.5	190.4	328.4	539.6	789.9	1092.7	1445.5	1829.2	2244.6	2714.2
-52.5°	13.1	86.9	182.4	317.6	512.9	741.7	1033.7	1358.3	1719.4	2109.1	2528.9
-55°	13.1	85.1	173.8	305.6	484.0	702.1	970.0	1266.4	1604.8	1963.1	2362.2
-57.5°	13.1	83.1	164.8	292.4	453.1	661.9	902.0	1184.5	1482.6	1818.4	2183.7
-60°	13.1	81.0	155.3	278.1	420.8	618.9	831.8	1094.9	1357.9	1668.3	2000.0
-62.5°	13.1	78.7	150.4	262.8	398.4	573.3	774.6	999.4	1244.7	1510.0	1818.4
-65°	13.1	76.3	145.2	246.5	374.5	525.2	714.1	906.3	1126.0	1365.9	1628.0
-67.5°	13.1	73.7	139.6	229.2	349.1	482.7	650.6	826.3	1002.2	1221.2	1451.9
-70°	13.1	71.1	133.8	211.1	322.3	446.0	584.2	743.2	902.8	1070.9	1278.6
-72.5°	13.1	68.2	127.7	199.8	294.3	407.5	531.5	657.3	800.9	951.2	1107.8
-75°	13.1	65.3	121.3	189.8	265.1	367.3	479.0	584.9	696.0	828.7	967.0
-77.5°	13.1	62.3	114.6	179.3	247.3	325.7	424.6	516.2	610.9	710.6	822.6
-80°	13.1	59.2	107.8	168.4	231.7	297.2	368.5	445.9	526.1	610.5	698.7
-82.5°	13.1	55.9	100.7	157.1	215.5	275.6	337.3	386.9	439.7	508.3	579.9
-85°	13.1	52.6	93.4	145.5	198.9	253.3	308.9	352.3	395.8	439.8	484.2
-87.5°	13.1	49.2	86.0	133.6	181.7	230.5	279.8	317.0	354.5	392.1	430.0
-90°	13.1	14.0	14.9	14.9	14.9	14.9	14.9	14.5	14.0	13.6	13.1



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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°	402.6	430.2	457.7	485.2	512.3	539.3	566.4	593.4	618.6	643.8	669.0
87.5°	22.3	22.9	23.3	23.8	22.8	21.7	20.5	19.1	20.7	22.4	24.2
85°	31.6	32.6	35.4	37.5	38.9	40.9	43.4	46.3	51.8	57.3	62.6
82.5°	52.5	56.0	58.5	60.1	65.3	71.7	78.6	85.0	91.2	97.1	102.7
80°	75.9	79.6	80.3	81.1	88.0	96.5	105.4	114.8	122.3	129.1	135.6
77.5°	93.0	95.1	97.5	100.3	109.2	121.4	133.7	146.1	155.2	162.6	169.2
75°	106.4	110.3	119.2	124.7	134.6	148.9	163.3	177.2	186.2	191.3	194.7
72.5°	128.3	141.1	149.0	152.0	161.6	178.5	193.7	207.2	214.2	213.2	208.8
70°	161.9	173.8	184.1	187.9	192.1	208.5	220.9	230.6	234.9	226.4	209.6
67.5°	198.1	216.4	225.9	226.4	220.5	234.8	245.9	244.5	237.0	218.6	196.6
65°	244.6	262.2	270.6	267.1	251.3	254.5	253.7	247.1	230.0	204.7	178.3
62.5°	296.8	312.5	319.1	310.3	281.3	268.9	261.7	244.7	218.7	193.8	168.9
60°	363.1	366.6	370.9	355.0	318.5	284.2	270.7	253.7	225.8	191.7	171.2
57.5°	437.5	425.5	427.5	409.7	367.7	306.3	300.3	278.6	255.1	210.2	189.2
55°	523.2	490.5	495.7	479.5	441.0	372.4	349.0	345.9	313.0	277.6	238.7
52.5°	626.2	581.6	580.6	578.1	557.2	498.1	444.7	481.8	502.6	463.1	488.2
50°	741.8	719.6	686.2	725.1	737.4	706.1	659.2	762.8	887.7	944.8	943.4
47.5°	895.4	882.3	853.4	923.8	1011.7	1092.3	1111.7	1299.0	1488.1	1697.2	1722.0
45°	1076.2	1109.5	1093.0	1242.5	1430.9	1647.8	1808.8	1990.4	2420.9	2670.6	3040.5
42.5°	1277.0	1374.0	1462.3	1603.5	2047.9	2323.9	2566.8	3022.7	3451.0	3813.0	4195.2
40°	1535.3	1662.9	1855.9	2240.1	2719.2	3038.6	3456.8	3976.3	4410.0	4818.8	5210.1
37.5°	1815.5	2028.6	2290.0	2840.6	3385.8	3786.0	4298.1	4813.3	5306.3	5765.0	6312.2
35°	2111.6	2395.5	2807.2	3382.5	3954.6	4512.0	5075.5	5649.5	6212.2	6840.7	7455.9
32.5°	2433.9	2762.8	3282.4	3893.3	4533.8	5181.3	5836.1	6506.1	7221.3	7954.1	8606.8
30°	2724.7	3172.1	3725.1	4387.7	5110.4	5854.2	6618.2	7389.3	8267.4	9134.8	9917.9
27.5°	2946.9	3546.8	4164.5	4896.9	5688.7	6518.1	7403.4	8358.9	9381.1	10375.5	11305.1
25°	3159.9	3835.3	4585.8	5405.8	6285.5	7218.1	8208.3	9278.0	10532.4	11697.5	12857.0
22.5°	3383.3	4125.8	4935.7	5901.8	6866.5	7927.8	9026.5	10257.6	11643.9	13021.2	14430.4
20°	3620.8	4426.5	5281.2	6300.0	7410.1	8627.0	9796.6	11229.5	12771.6	14372.2	16091.0
17.5°	3852.3	4702.9	5616.0	6689.7	7892.9	9255.9	10539.1	12170.2	13879.1	15709.7	17653.8
15°	4075.4	4954.8	5921.3	7048.2	8360.0	9807.0	11307.6	13094.9	15006.1	17027.1	19068.6
12.5°	4287.5	5182.2	6196.6	7373.6	8796.2	10342.5	11995.5	13875.2	15968.5	18202.5	20427.8
10°	4485.8	5385.3	6441.2	7664.3	9196.2	10853.0	12607.8	14572.7	16749.2	19050.9	21532.9
7.5°	4636.1	5553.8	6656.9	7918.7	9554.8	11328.8	13143.6	15183.9	17409.0	19806.3	22474.5
5°	4751.2	5690.8	6856.4	8212.5	9899.3	11722.5	13584.3	15705.1	17949.9	20456.3	23287.3
2.5°	4838.7	5806.5	7027.3	8485.4	10207.8	11990.7	13871.8	16047.1	18436.5	21063.3	23948.0
0°	4902.5	5899.0	7166.2	8718.8	10458.1	12188.1	14084.1	16295.6	18831.7	21576.9	24435.9
-2.5°	5010.9	6063.0	7360.4	8903.8	10614.3	12381.3	14357.5	16641.4	19206.6	21900.9	24856.5
-5°	5097.6	6198.0	7517.5	9042.9	10716.1	12507.8	14546.0	16881.9	19452.1	22119.1	25073.7
-7.5°	5160.4	6300.1	7635.3	9135.2	10784.1	12610.0	14677.6	17001.7	19543.9	22249.3	25107.6
-10°	5197.6	6348.4	7672.5	9162.6	10820.7	12665.1	14728.2	17019.2	19516.4	22218.7	25014.6
-12.5°	5211.6	6347.3	7661.0	9140.3	10792.6	12638.8	14688.1	16936.1	19372.6	22021.3	24777.5
-15°	5202.4	6314.8	7607.7	9067.7	10697.5	12528.1	14556.7	16754.5	19105.4	21619.1	24297.7
-17.5°	5169.8	6250.7	7511.9	8944.5	10534.1	12330.5	14322.4	16418.7	18721.7	21154.7	23688.1
-20°	5113.9	6154.9	7373.3	8770.6	10311.1	12071.1	13991.4	16020.7	18233.0	20600.5	23005.1



REPORT NUMBER: P1306420 (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°
-22.5°	5034.8	6027.7	7211.4	8574.7	10097.0	11776.3	13596.2	15541.9	17610.2	19939.2	22230.8
-25°	4944.0	5915.3	7042.0	8361.3	9826.4	11430.9	13133.5	14993.9	16946.0	19125.7	21344.0
-27.5°	4840.3	5778.7	6861.5	8105.4	9494.4	11047.0	12674.9	14421.2	16269.7	18229.6	20356.5
-30°	4712.2	5623.5	6645.3	7825.3	9158.1	10629.1	12194.4	13773.1	15524.0	17371.9	19321.4
-32.5°	4560.3	5436.0	6429.6	7553.4	8792.1	10145.5	11633.8	13134.9	14750.4	16460.6	18267.3
-35°	4397.8	5245.7	6189.3	7243.7	8390.5	9658.9	11018.1	12446.0	13931.7	15538.8	17128.1
-37.5°	4234.2	5028.1	5908.7	6915.8	8014.3	9141.2	10363.6	11722.1	13114.3	14535.2	15994.8
-40°	4050.1	4783.6	5629.4	6568.5	7563.1	8608.7	9754.2	10966.7	12261.1	13542.9	14851.2
-42.5°	3849.6	4558.1	5333.6	6171.4	7102.3	8075.2	9103.0	10237.7	11365.9	12530.1	13738.0
-45°	3659.4	4311.7	5018.6	5797.4	6620.1	7519.9	8479.2	9470.9	10486.5	11515.3	12615.1
-47.5°	3454.9	4055.9	4721.7	5396.8	6152.7	6967.0	7829.7	8722.1	9601.8	10545.1	11485.0
-50°	3241.9	3815.8	4389.4	5016.8	5688.3	6419.1	7201.5	7971.1	8775.5	9592.3	10439.5
-52.5°	3028.4	3561.3	4081.0	4630.2	5237.5	5886.5	6568.2	7255.8	7970.7	8689.7	9415.8
-55°	2797.8	3292.3	3763.8	4259.9	4792.4	5373.9	5951.1	6569.7	7189.3	7847.3	8443.9
-57.5°	2579.7	3001.3	3437.8	3891.1	4367.7	4862.7	5375.2	5892.7	6456.6	7024.0	7535.2
-60°	2364.6	2721.4	3102.6	3517.0	3943.6	4382.0	4806.8	5268.7	5745.8	6210.3	6678.1
-62.5°	2141.6	2457.5	2783.4	3135.0	3523.2	3900.9	4284.3	4673.6	5062.2	5474.4	5869.8
-65°	1921.5	2191.0	2479.9	2784.6	3096.7	3437.9	3775.1	4103.8	4451.0	4788.3	5115.9
-67.5°	1691.6	1938.4	2185.8	2439.7	2718.8	2997.4	3277.8	3579.8	3872.9	4148.6	4426.4
-70°	1486.2	1684.9	1903.9	2127.9	2350.0	2578.6	2827.5	3077.1	3322.1	3557.1	3797.5
-72.5°	1282.1	1460.3	1639.3	1818.7	2011.8	2204.2	2398.7	2594.5	2799.3	3004.3	3203.6
-75°	1100.2	1233.8	1389.3	1547.6	1698.4	1845.5	1995.9	2162.4	2326.2	2487.0	2646.4
-77.5°	934.4	1047.1	1163.7	1283.8	1398.5	1521.9	1645.7	1769.8	1892.0	2011.5	2128.7
-80°	778.4	857.5	951.4	1048.7	1139.8	1229.6	1319.5	1409.1	1499.6	1594.3	1692.0
-82.5°	644.3	708.8	774.1	840.0	900.5	959.7	1020.9	1090.9	1162.4	1233.5	1303.8
-85°	521.7	558.7	608.8	659.5	707.9	755.5	802.6	848.9	896.5	943.5	989.6
-87.5°	462.5	494.7	526.8	558.8	589.5	620.0	650.2	680.2	710.8	741.4	772.0
-90°	13.1	13.1	13.1	13.1	12.6	12.2	11.7	11.2	10.7	10.3	9.8



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	694.2	702.1	710.1	718.0	725.9	744.6	763.3	781.9	800.6	804.8	809.0
87.5°	26.2	26.2	26.2	26.2	26.1	30.3	34.6	39.0	43.4	43.0	42.4
85°	67.9	68.9	69.3	69.3	69.0	74.8	80.6	86.2	91.7	87.9	83.7
82.5°	108.1	110.0	111.9	113.9	115.9	121.9	127.8	133.3	138.5	140.3	141.9
80°	141.5	145.2	147.9	150.1	151.7	156.7	162.2	167.4	172.4	177.6	182.9
77.5°	173.9	175.1	174.4	172.7	170.0	170.8	171.9	172.5	172.6	175.4	178.5
75°	196.3	193.7	186.1	177.2	167.3	161.2	156.7	152.0	147.2	146.3	146.6
72.5°	201.3	191.0	178.4	162.7	147.3	136.6	129.3	122.3	115.7	112.4	110.5
70°	190.6	171.0	154.0	137.2	120.8	108.7	101.4	94.8	88.8	84.9	82.1
67.5°	171.6	147.4	129.6	112.2	96.2	83.7	77.4	71.6	66.3	62.3	59.5
65°	152.4	126.7	109.4	92.8	76.6	64.2	59.4	54.6	49.9	46.4	44.5
62.5°	141.7	114.7	96.8	82.3	67.6	53.3	48.3	43.4	38.5	34.7	33.0
60°	145.5	114.8	93.1	79.7	64.5	48.0	41.7	37.2	32.2	27.7	26.1
57.5°	168.3	134.9	102.4	97.1	81.8	57.3	59.6	69.4	62.1	42.8	40.7
55°	257.4	249.1	163.0	211.0	245.4	231.2	216.0	285.9	319.9	321.7	353.3
52.5°	511.5	571.9	549.4	575.6	717.5	775.0	767.4	892.4	957.2	948.4	982.3
50°	1077.1	1200.7	1352.9	1377.4	1615.4	1780.5	1820.3	1965.1	2125.9	2187.4	2256.6
47.5°	2102.1	2391.7	2538.6	2704.3	2978.4	3278.6	3511.2	3719.6	3945.3	4099.6	4285.9
45°	3424.2	3628.8	3884.5	4269.4	4687.6	5079.5	5447.5	5782.8	6004.0	6201.3	6410.6
42.5°	4511.8	4838.7	5267.6	5841.7	6436.8	6838.9	7141.7	7464.9	7810.5	8139.0	8441.9
40°	5625.5	6004.3	6684.8	7335.4	7779.4	8167.5	8582.0	9020.6	9472.3	9903.3	10331.9
37.5°	6819.2	7379.0	7974.9	8543.5	9013.2	9380.4	9948.4	10434.2	10887.0	11528.7	12117.3
35°	8089.3	8697.7	9209.6	9860.0	10385.3	10838.2	11432.4	12044.4	12436.1	13316.5	14078.7
32.5°	9352.9	10061.9	10744.6	11362.1	12014.0	12712.3	13290.7	14130.1	14768.7	15610.7	16438.5
30°	10669.5	11641.5	12493.6	13171.3	14059.3	14962.1	15773.6	16762.1	17703.4	18487.1	19364.4
27.5°	12330.9	13411.6	14450.8	15495.2	16443.8	17571.2	18863.0	19908.5	21113.6	21968.1	22885.6
25°	14093.6	15381.0	16763.1	18109.5	19353.9	20812.3	22276.8	23554.3	24803.3	25787.8	26768.4
22.5°	16010.3	17567.2	19212.2	20907.0	22589.3	24187.1	25759.2	27340.1	28779.7	30133.0	31075.7
20°	17956.9	19685.8	21683.4	23725.5	25662.6	27466.1	29355.1	31354.3	33183.7	34751.9	35913.3
17.5°	19712.9	21881.5	24078.7	26319.1	28503.7	30732.7	33076.4	35427.7	37593.8	39430.4	40972.2
15°	21294.8	23751.9	26295.5	28823.3	31335.5	33901.7	36640.4	39173.8	41601.6	43707.9	45510.5
12.5°	22854.8	25479.2	28205.8	31039.9	34018.2	36796.8	39585.2	42316.9	44861.2	47309.6	49115.5
10°	24235.4	27069.2	29988.2	33025.3	36109.9	39124.4	42063.5	44911.2	47410.9	49722.8	51907.5
7.5°	25360.4	28399.5	31515.0	34709.3	37884.1	40936.5	43929.9	46775.6	49312.9	51682.1	53916.2
5°	26330.7	29553.9	32769.3	35952.6	39147.1	42313.1	45335.2	48141.2	50784.0	53246.1	55485.0
2.5°	27122.5	30483.4	33741.3	36876.6	40058.2	43299.0	46397.4	49108.2	51870.8	54374.8	56578.6
0°	27716.6	31109.4	34263.2	37426.4	40647.4	43924.5	47041.0	49696.6	52508.9	55185.1	57280.8
-2.5°	28041.6	31235.1	34374.3	37547.9	40866.0	44237.0	47349.2	50211.5	53007.8	55516.3	57464.7
-5°	28154.5	31296.0	34423.9	37654.8	40944.1	44262.1	47363.7	50233.5	52918.8	55265.2	57042.3
-7.5°	28078.7	31189.4	34285.9	37485.1	40753.6	44031.9	47083.7	49828.8	52414.7	54637.2	56332.9
-10°	27850.0	30862.3	33960.0	37106.5	40382.0	43618.6	46609.3	49085.9	51554.9	53639.9	55243.3
-12.5°	27472.0	30356.1	33411.1	36487.9	39701.6	42812.8	45599.6	48065.6	50271.7	52383.6	53787.1
-15°	26935.6	29716.3	32637.1	35650.0	38694.7	41704.5	44421.8	46805.2	48849.0	50515.0	51993.0
-17.5°	26263.0	28946.1	31744.8	34631.9	37459.2	40322.7	42840.9	45229.4	47195.4	48678.5	49825.4
-20°	25435.0	28038.8	30715.3	33471.7	36098.6	38534.0	40961.6	43182.6	45125.8	46576.0	47678.2



REPORT NUMBER: P1306420 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	24561.0	27017.5	29553.3	32038.7	34430.9	36720.3	38918.9	40957.3	42805.1	44176.3	45231.1
-25°	23566.6	25864.0	28208.6	30453.2	32637.9	34769.5	36762.3	38651.2	40264.2	41598.0	42577.4
-27.5°	22477.6	24616.7	26732.8	28820.4	30847.4	32690.0	34523.7	36228.7	37647.3	38874.0	39741.2
-30°	21287.5	23243.8	25227.0	27183.9	28937.4	30597.2	32226.4	33706.5	35006.7	36083.8	36861.7
-32.5°	20032.3	21819.6	23659.1	25428.6	26966.3	28463.8	29884.4	31181.9	32374.2	33325.9	34027.4
-35°	18734.6	20390.4	22042.4	23572.3	25005.6	26337.7	27561.8	28711.8	29699.5	30567.1	31254.8
-37.5°	17458.3	18949.7	20383.4	21719.2	23043.5	24265.2	25334.4	26343.4	27241.4	27965.0	28567.9
-40°	16206.5	17526.7	18747.3	19936.3	21119.6	22153.7	23124.7	23994.8	24789.6	25480.8	26016.5
-42.5°	14962.1	16098.9	17152.5	18222.6	19245.6	20142.4	20987.8	21741.7	22431.4	23050.9	23570.3
-45°	13713.2	14685.5	15623.1	16563.9	17413.4	18212.2	18947.0	19609.4	20225.5	20747.2	21173.0
-47.5°	12437.6	13300.1	14151.9	14967.1	15671.9	16362.1	16994.7	17589.7	18144.9	18614.0	18990.2
-50°	11219.6	11982.0	12744.7	13418.6	14011.2	14585.9	15121.3	15695.8	16209.7	16637.0	16948.0
-52.5°	10076.1	10765.5	11421.1	11973.0	12473.9	12922.8	13334.0	13867.7	14351.4	14771.1	15046.8
-55°	9034.8	9624.8	10186.9	10642.8	11061.1	11435.4	11808.6	12237.5	12628.0	12977.3	13207.7
-57.5°	8054.6	8554.7	9022.3	9406.2	9755.1	10068.0	10414.6	10773.2	11093.4	11369.0	11554.6
-60°	7125.3	7551.0	7938.8	8254.6	8544.5	8807.9	9137.8	9450.8	9727.6	9952.4	10090.9
-62.5°	6248.6	6630.4	6931.9	7185.9	7417.5	7639.4	7927.7	8198.1	8447.7	8647.1	8763.1
-65°	5446.0	5780.3	6004.4	6205.4	6387.9	6587.8	6833.0	7052.9	7247.9	7396.0	7496.9
-67.5°	4714.3	4978.8	5155.5	5315.2	5471.6	5642.7	5850.7	6042.7	6218.2	6340.2	6415.6
-70°	4032.7	4236.6	4379.9	4515.7	4646.2	4792.9	4963.3	5122.0	5268.5	5363.2	5423.3
-72.5°	3396.8	3552.2	3670.6	3787.5	3892.8	4018.5	4157.5	4287.6	4408.5	4479.7	4525.5
-75°	2803.6	2922.7	3019.7	3109.4	3191.7	3297.5	3410.0	3515.7	3614.0	3668.4	3703.5
-77.5°	2253.4	2344.6	2417.6	2484.5	2545.1	2629.0	2715.6	2797.0	2872.8	2921.3	2960.1
-80°	1787.5	1842.6	1887.5	1929.3	1967.9	2030.6	2094.1	2154.0	2210.1	2241.7	2266.7
-82.5°	1373.1	1406.6	1433.3	1456.7	1476.8	1520.5	1564.1	1605.3	1644.2	1664.6	1681.9
-85°	1035.0	1053.0	1068.2	1081.7	1093.5	1123.9	1154.0	1183.0	1210.9	1216.8	1221.0
-87.5°	802.4	812.2	821.5	830.5	839.2	861.7	884.1	906.4	928.5	932.3	935.8
-90°	9.3	8.9	8.4	8.0	7.5	7.0	6.6	6.1	5.6	5.1	4.7



REPORT NUMBER: P1306420 (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°
90°	813.2	817.4	814.6	811.8	814.6	817.4	813.2	809.0	804.8	800.6	781.9
87.5°	41.7	41.0	41.1	41.1	41.1	41.0	41.7	42.4	43.0	43.4	39.0
85°	79.2	74.4	70.9	67.2	70.9	74.4	79.2	83.7	87.9	91.7	86.2
82.5°	143.4	144.8	144.4	143.7	144.4	144.8	143.4	141.9	140.3	138.5	133.3
80°	188.2	193.2	194.8	195.9	194.8	193.2	188.2	182.9	177.6	172.4	167.4
77.5°	181.7	184.8	185.7	186.6	185.7	184.8	181.7	178.5	175.4	172.6	172.5
75°	147.2	148.1	147.6	147.4	147.6	148.1	147.2	146.6	146.3	147.2	152.0
72.5°	108.8	107.5	106.7	106.4	106.7	107.5	108.8	110.5	112.4	115.7	122.3
70°	79.7	77.6	75.9	74.6	75.9	77.6	79.7	82.1	84.9	88.8	94.8
67.5°	57.1	55.1	53.5	52.3	53.5	55.1	57.1	59.5	62.3	66.3	71.6
65°	42.9	41.7	40.4	39.2	40.4	41.7	42.9	44.5	46.4	49.9	54.6
62.5°	31.7	30.5	30.0	29.9	30.0	30.5	31.7	33.0	34.7	38.5	43.4
60°	24.5	23.1	22.5	22.4	22.5	23.1	24.5	26.1	27.7	32.2	37.2
57.5°	36.7	31.5	28.3	26.1	28.3	31.5	36.7	40.7	42.8	62.1	69.4
55°	370.1	371.2	378.6	386.3	378.6	371.2	370.1	353.3	321.7	319.9	285.9
52.5°	1008.1	1004.8	995.7	977.9	995.7	1004.8	1008.1	982.3	948.4	957.2	892.4
50°	2298.1	2265.6	2195.3	2095.7	2195.3	2265.6	2298.1	2256.6	2187.4	2125.9	1965.1
47.5°	4536.8	4724.5	4854.3	4911.8	4854.3	4724.5	4536.8	4285.9	4099.6	3945.3	3719.6
45°	6628.6	6739.9	6804.9	6856.4	6804.9	6739.9	6628.6	6410.6	6201.3	6004.0	5782.8
42.5°	8699.7	8876.1	8963.0	8948.4	8963.0	8876.1	8699.7	8441.9	8139.0	7810.5	7464.9
40°	10743.7	11113.0	11416.1	11633.8	11416.1	11113.0	10743.7	10331.9	9903.3	9472.3	9020.6
37.5°	12699.5	13249.4	13713.9	14050.5	13713.9	13249.4	12699.5	12117.3	11528.7	10887.0	10434.2
35°	14702.2	15187.1	15505.4	15644.3	15505.4	15187.1	14702.2	14078.7	13316.5	12436.1	12044.4
32.5°	16966.4	17235.8	17292.9	17437.7	17292.9	17235.8	16966.4	16438.5	15610.7	14768.7	14130.1
30°	19898.7	20178.8	20185.6	20367.6	20185.6	20178.8	19898.7	19364.4	18487.1	17703.4	16762.1
27.5°	23609.0	24080.7	24233.8	24394.8	24233.8	24080.7	23609.0	22885.6	21968.1	21113.6	19908.5
25°	27582.0	28021.7	28162.6	28108.5	28162.6	28021.7	27582.0	26768.4	25787.8	24803.3	23554.3
22.5°	32041.4	32611.5	32818.9	32714.3	32818.9	32611.5	32041.4	31075.7	30133.0	28779.7	27340.1
20°	37032.5	37855.3	38290.2	38486.4	38290.2	37855.3	37032.5	35913.3	34751.9	33183.7	31354.3
17.5°	42285.9	43498.4	44055.2	44219.3	44055.2	43498.4	42285.9	40972.2	39430.4	37593.8	35427.7
15°	47065.2	48123.9	48845.9	49217.0	48845.9	48123.9	47065.2	45510.5	43707.9	41601.6	39173.8
12.5°	50760.6	52109.9	53234.6	53837.7	53234.6	52109.9	50760.6	49115.5	47309.6	44861.2	42316.9
10°	53772.8	55135.3	56157.9	56653.7	56157.9	55135.3	53772.8	51907.5	49722.8	47410.9	44911.2
7.5°	55857.0	57123.2	57917.1	58241.9	57917.1	57123.2	55857.0	53916.2	51682.1	49312.9	46775.6
5°	57204.1	58414.7	59001.5	59212.3	59001.5	58414.7	57204.1	55485.0	53246.1	50784.0	48141.2
2.5°	58173.9	59131.9	59601.8	59632.2	59601.8	59131.9	58173.9	56578.6	54374.8	51870.8	49108.2
0°	58617.0	59479.2	59994.2	59984.9	59994.2	59479.2	58617.0	57280.8	55185.1	52508.9	49696.6
-2.5°	58638.4	59388.5	59754.6	59548.2	59754.6	59388.5	58638.4	57464.7	55516.3	53007.8	50211.5
-5°	58220.3	58954.4	59228.7	59165.6	59228.7	58954.4	58220.3	57042.3	55265.2	52918.8	50233.5
-7.5°	57469.4	58120.8	58400.8	58409.8	58400.8	58120.8	57469.4	56332.9	54637.2	52414.7	49828.8
-10°	56324.4	56868.6	57189.4	57097.9	57189.4	56868.6	56324.4	55243.3	53639.9	51554.9	49085.9
-12.5°	54809.7	55346.9	55618.9	55563.9	55618.9	55346.9	54809.7	53787.1	52383.6	50271.7	48065.6
-15°	52997.8	53508.4	53763.3	53738.8	53763.3	53508.4	52997.8	51993.0	50515.0	48849.0	46805.2
-17.5°	50754.6	51266.4	51527.3	51562.8	51527.3	51266.4	50754.6	49825.4	48678.5	47195.4	45229.4
-20°	48403.7	48855.1	49094.1	49097.5	49094.1	48855.1	48403.7	47678.2	46576.0	45125.8	43182.6



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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°	45966.8	46473.7	46757.3	46714.4	46757.3	46473.7	45966.8	45231.1	44176.3	42805.1	40957.3
-25°	43250.7	43758.6	44034.3	44023.4	44034.3	43758.6	43250.7	42577.4	41598.0	40264.2	38651.2
-27.5°	40350.9	40839.1	41105.3	41138.3	41105.3	40839.1	40350.9	39741.2	38874.0	37647.3	36228.7
-30°	37430.1	37911.4	38172.1	38193.4	38172.1	37911.4	37430.1	36861.7	36083.8	35006.7	33706.5
-32.5°	34568.0	35002.6	35243.4	35269.1	35243.4	35002.6	34568.0	34027.4	33325.9	32374.2	31181.9
-35°	31775.6	32157.5	32373.6	32443.7	32373.6	32157.5	31775.6	31254.8	30567.1	29699.5	28711.8
-37.5°	29058.0	29403.2	29611.9	29739.6	29611.9	29403.2	29058.0	28567.9	27965.0	27241.4	26343.4
-40°	26433.0	26735.4	26901.8	26904.8	26901.8	26735.4	26433.0	26016.5	25480.8	24789.6	23994.8
-42.5°	23955.0	24209.6	24336.8	24338.8	24336.8	24209.6	23955.0	23570.3	23050.9	22431.4	21741.7
-45°	21516.0	21765.0	21941.3	22052.7	21941.3	21765.0	21516.0	21173.0	20747.2	20225.5	19609.4
-47.5°	19277.2	19481.4	19621.4	19697.6	19621.4	19481.4	19277.2	18990.2	18614.0	18144.9	17589.7
-50°	17175.8	17339.0	17458.4	17529.1	17458.4	17339.0	17175.8	16948.0	16637.0	16209.7	15695.8
-52.5°	15233.8	15353.0	15395.9	15368.1	15395.9	15353.0	15233.8	15046.8	14771.1	14351.4	13867.7
-55°	13380.4	13499.2	13546.6	13529.9	13546.6	13499.2	13380.4	13207.7	12977.3	12628.0	12237.5
-57.5°	11700.6	11805.9	11890.2	11941.7	11890.2	11805.9	11700.6	11554.6	11369.0	11093.4	10773.2
-60°	10200.0	10277.9	10330.8	10351.7	10330.8	10277.9	10200.0	10090.9	9952.4	9727.6	9450.8
-62.5°	8844.5	8893.0	8930.6	8946.5	8930.6	8893.0	8844.5	8763.1	8647.1	8447.7	8198.1
-65°	7577.4	7636.5	7629.4	7587.9	7629.4	7636.5	7577.4	7496.9	7396.0	7247.9	7052.9
-67.5°	6472.5	6511.0	6544.1	6561.5	6544.1	6511.0	6472.5	6415.6	6340.2	6218.2	6042.7
-70°	5469.3	5500.8	5512.6	5509.0	5512.6	5500.8	5469.3	5423.3	5363.2	5268.5	5122.0
-72.5°	4560.0	4583.1	4587.6	4579.6	4587.6	4583.1	4560.0	4525.5	4479.7	4408.5	4287.6
-75°	3728.5	3743.8	3751.5	3751.0	3751.5	3743.8	3728.5	3703.5	3668.4	3614.0	3515.7
-77.5°	2992.5	3018.3	3007.3	2987.8	3007.3	3018.3	2992.5	2960.1	2921.3	2872.8	2797.0
-80°	2287.1	2302.9	2294.3	2280.5	2294.3	2302.9	2287.1	2266.7	2241.7	2210.1	2154.0
-82.5°	1696.9	1709.3	1695.2	1677.7	1695.2	1709.3	1696.9	1681.9	1664.6	1644.2	1605.3
-85°	1224.0	1225.8	1224.7	1222.4	1224.7	1225.8	1224.0	1221.0	1216.8	1210.9	1183.0
-87.5°	939.0	941.9	939.5	936.8	939.5	941.9	939.0	935.8	932.3	928.5	906.4
-90°	4.2	3.7	4.7	5.6	4.7	3.7	4.2	4.7	5.1	5.6	6.1



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	763.3	744.6	725.9	718.0	710.1	702.1	694.2	669.0	643.8	618.6	593.4
87.5°	34.6	30.3	26.1	26.2	26.2	26.2	26.2	24.2	22.4	20.7	19.1
85°	80.6	74.8	69.0	69.3	69.3	68.9	67.9	62.6	57.3	51.8	46.3
82.5°	127.8	121.9	115.9	113.9	111.9	110.0	108.1	102.7	97.1	91.2	85.0
80°	162.2	156.7	151.7	150.1	147.9	145.2	141.5	135.6	129.1	122.3	114.8
77.5°	171.9	170.8	170.0	172.7	174.4	175.1	173.9	169.2	162.6	155.2	146.1
75°	156.7	161.2	167.3	177.2	186.1	193.7	196.3	194.7	191.3	186.2	177.2
72.5°	129.3	136.6	147.3	162.7	178.4	191.0	201.3	208.8	213.2	214.2	207.2
70°	101.4	108.7	120.8	137.2	154.0	171.0	190.6	209.6	226.4	234.9	230.6
67.5°	77.4	83.7	96.2	112.2	129.6	147.4	171.6	196.6	218.6	237.0	244.5
65°	59.4	64.2	76.6	92.8	109.4	126.7	152.4	178.3	204.7	230.0	247.1
62.5°	48.3	53.3	67.6	82.3	96.8	114.7	141.7	168.9	193.8	218.7	244.7
60°	41.7	48.0	64.5	79.7	93.1	114.8	145.5	171.2	191.7	225.8	253.7
57.5°	59.6	57.3	81.8	97.1	102.4	134.9	168.3	189.2	210.2	255.1	278.6
55°	216.0	231.2	245.4	211.0	163.0	249.1	257.4	238.7	277.6	313.0	345.9
52.5°	767.4	775.0	717.5	575.6	549.4	571.9	511.5	488.2	463.1	502.6	481.8
50°	1820.3	1780.5	1615.4	1377.4	1352.9	1200.7	1077.1	943.4	944.8	887.7	762.8
47.5°	3511.2	3278.6	2978.4	2704.3	2538.6	2391.7	2102.1	1722.0	1697.2	1488.1	1299.0
45°	5447.5	5079.5	4687.6	4269.4	3884.5	3628.8	3424.2	3040.5	2670.6	2420.9	1990.4
42.5°	7141.7	6838.9	6436.8	5841.7	5267.6	4838.7	4511.8	4195.2	3813.0	3451.0	3022.7
40°	8582.0	8167.5	7779.4	7335.4	6684.8	6004.3	5625.5	5210.1	4818.8	4410.0	3976.3
37.5°	9948.4	9380.4	9013.2	8543.5	7974.9	7379.0	6819.2	6312.2	5765.0	5306.3	4813.3
35°	11432.4	10838.2	10385.3	9860.0	9209.6	8697.7	8089.3	7455.9	6840.7	6212.2	5649.5
32.5°	13290.7	12712.3	12014.0	11362.1	10744.6	10061.9	9352.9	8606.8	7954.1	7221.3	6506.1
30°	15773.6	14962.1	14059.3	13171.3	12493.6	11641.5	10669.5	9917.9	9134.8	8267.4	7389.3
27.5°	18863.0	17571.2	16443.8	15495.2	14450.8	13411.6	12330.9	11305.1	10375.5	9381.1	8358.9
25°	22276.8	20812.3	19353.9	18109.5	16763.1	15381.0	14093.6	12857.0	11697.5	10532.4	9278.0
22.5°	25759.2	24187.1	22589.3	20907.0	19212.2	17567.2	16010.3	14430.4	13021.2	11643.9	10257.6
20°	29355.1	27466.1	25662.6	23725.5	21683.4	19685.8	17956.9	16091.0	14372.2	12771.6	11229.5
17.5°	33076.4	30732.7	28503.7	26319.1	24078.7	21881.5	19712.9	17653.8	15709.7	13879.1	12170.2
15°	36640.4	33901.7	31335.5	28823.3	26295.5	23751.9	21294.8	19068.6	17027.1	15006.1	13094.9
12.5°	39585.2	36796.8	34018.2	31039.9	28205.8	25479.2	22854.8	20427.8	18202.5	15968.5	13875.2
10°	42063.5	39124.4	36109.9	33025.3	29988.2	27069.2	24235.4	21532.9	19050.9	16749.2	14572.7
7.5°	43929.9	40936.5	37884.1	34709.3	31515.0	28399.5	25360.4	22474.5	19806.3	17409.0	15183.9
5°	45335.2	42313.1	39147.1	35952.6	32769.3	29553.9	26330.7	23287.3	20456.3	17949.9	15705.1
2.5°	46397.4	43299.0	40058.2	36876.6	33741.3	30483.4	27122.5	23948.0	21063.3	18436.5	16047.1
0°	47041.0	43924.5	40647.4	37426.4	34263.2	31109.4	27716.6	24435.9	21576.9	18831.7	16295.6
-2.5°	47349.2	44237.0	40866.0	37547.9	34374.3	31235.1	28041.6	24856.5	21900.9	19206.6	16641.4
-5°	47363.7	44262.1	40944.1	37654.8	34423.9	31296.0	28154.5	25073.7	22119.1	19452.1	16881.9
-7.5°	47083.7	44031.9	40753.6	37485.1	34285.9	31189.4	28078.7	25107.6	22249.3	19543.9	17001.7
-10°	46609.3	43618.6	40382.0	37106.5	33960.0	30862.3	27850.0	25014.6	22218.7	19516.4	17019.2
-12.5°	45599.6	42812.8	39701.6	36487.9	33411.1	30356.1	27472.0	24777.5	22021.3	19372.6	16936.1
-15°	44421.8	41704.5	38694.7	35650.0	32637.1	29716.3	26935.6	24297.7	21619.1	19105.4	16754.5
-17.5°	42840.9	40322.7	37459.2	34631.9	31744.8	28946.1	26263.0	23688.1	21154.7	18721.7	16418.7
-20°	40961.6	38534.0	36098.6	33471.7	30715.3	28038.8	25435.0	23005.1	20600.5	18233.0	16020.7



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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°	38918.9	36720.3	34430.9	32038.7	29553.3	27017.5	24561.0	22230.8	19939.2	17610.2	15541.9
-25°	36762.3	34769.5	32637.9	30453.2	28208.6	25864.0	23566.6	21344.0	19125.7	16946.0	14993.9
-27.5°	34523.7	32690.0	30847.4	28820.4	26732.8	24616.7	22477.6	20356.5	18229.6	16269.7	14421.2
-30°	32226.4	30597.2	28937.4	27183.9	25227.0	23243.8	21287.5	19321.4	17371.9	15524.0	13773.1
-32.5°	29884.4	28463.8	26966.3	25428.6	23659.1	21819.6	20032.3	18267.3	16460.6	14750.4	13134.9
-35°	27561.8	26337.7	25005.6	23572.3	22042.4	20390.4	18734.6	17128.1	15538.8	13931.7	12446.0
-37.5°	25334.4	24265.2	23043.5	21719.2	20383.4	18949.7	17458.3	15994.8	14535.2	13114.3	11722.1
-40°	23124.7	22153.7	21119.6	19936.3	18747.3	17526.7	16206.5	14851.2	13542.9	12261.1	10966.7
-42.5°	20987.8	20142.4	19245.6	18222.6	17152.5	16098.9	14962.1	13738.0	12530.1	11365.9	10237.7
-45°	18947.0	18212.2	17413.4	16563.9	15623.1	14685.5	13713.2	12615.1	11515.3	10486.5	9470.9
-47.5°	16994.7	16362.1	15671.9	14967.1	14151.9	13300.1	12437.6	11485.0	10545.1	9601.8	8722.1
-50°	15121.3	14585.9	14011.2	13418.6	12744.7	11982.0	11219.6	10439.5	9592.3	8775.5	7971.1
-52.5°	13334.0	12922.8	12473.9	11973.0	11421.1	10765.5	10076.1	9415.8	8689.7	7970.7	7255.8
-55°	11808.6	11435.4	11061.1	10642.8	10186.9	9624.8	9034.8	8443.9	7847.3	7189.3	6569.7
-57.5°	10414.6	10068.0	9755.1	9406.2	9022.3	8554.7	8054.6	7535.2	7024.0	6456.6	5892.7
-60°	9137.8	8807.9	8544.5	8254.6	7938.8	7551.0	7125.3	6678.1	6210.3	5745.8	5268.7
-62.5°	7927.7	7639.4	7417.5	7185.9	6931.9	6630.4	6248.6	5869.8	5474.4	5062.2	4673.6
-65°	6833.0	6587.8	6387.9	6205.4	6004.4	5780.3	5446.0	5115.9	4788.3	4451.0	4103.8
-67.5°	5850.7	5642.7	5471.6	5315.2	5155.5	4978.8	4714.3	4426.4	4148.6	3872.9	3579.8
-70°	4963.3	4792.9	4646.2	4515.7	4379.9	4236.6	4032.7	3797.5	3557.1	3322.1	3077.1
-72.5°	4157.5	4018.5	3892.8	3787.5	3670.6	3552.2	3396.8	3203.6	3004.3	2799.3	2594.5
-75°	3410.0	3297.5	3191.7	3109.4	3019.7	2922.7	2803.6	2646.4	2487.0	2326.2	2162.4
-77.5°	2715.6	2629.0	2545.1	2484.5	2417.6	2344.6	2253.4	2128.7	2011.5	1892.0	1769.8
-80°	2094.1	2030.6	1967.9	1929.3	1887.5	1842.6	1787.5	1692.0	1594.3	1499.6	1409.1
-82.5°	1564.1	1520.5	1476.8	1456.7	1433.3	1406.6	1373.1	1303.8	1233.5	1162.4	1090.9
-85°	1154.0	1123.9	1093.5	1081.7	1068.2	1053.0	1035.0	989.6	943.5	896.5	848.9
-87.5°	884.1	861.7	839.2	830.5	821.5	812.2	802.4	772.0	741.4	710.8	680.2
-90°	6.6	7.0	7.5	8.0	8.4	8.9	9.3	9.8	10.3	10.7	11.2



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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°	566.4	539.3	512.3	485.2	457.7	430.2	402.6	375.1	343.9	312.6	281.4
87.5°	20.5	21.7	22.8	23.8	23.3	22.9	22.3	21.8	22.7	23.3	23.6
85°	43.4	40.9	38.9	37.5	35.4	32.6	31.6	30.5	31.8	32.6	32.7
82.5°	78.6	71.7	65.3	60.1	58.5	56.0	52.5	48.3	45.8	42.7	41.9
80°	105.4	96.5	88.0	81.1	80.3	79.6	75.9	71.3	67.5	62.8	57.3
77.5°	133.7	121.4	109.2	100.3	97.5	95.1	93.0	92.2	89.3	83.0	75.7
75°	163.3	148.9	134.6	124.7	119.2	110.3	106.4	106.9	110.0	103.6	94.1
72.5°	193.7	178.5	161.6	152.0	149.0	141.1	128.3	123.3	131.4	128.6	114.8
70°	220.9	208.5	192.1	187.9	184.1	173.8	161.9	158.4	154.9	154.7	142.5
67.5°	245.9	234.8	220.5	226.4	225.9	216.4	198.1	199.8	198.5	182.6	171.1
65°	253.7	254.5	251.3	267.1	270.6	262.2	244.6	247.4	244.0	228.3	200.7
62.5°	261.7	268.9	281.3	310.3	319.1	312.5	296.8	306.9	294.4	275.4	241.8
60°	270.7	284.2	318.5	355.0	370.9	366.6	363.1	370.3	358.0	324.1	288.1
57.5°	300.3	306.3	367.7	409.7	427.5	425.5	437.5	444.3	424.6	385.5	336.2
55°	349.0	372.4	441.0	479.5	495.7	490.5	523.2	527.1	497.1	451.9	387.7
52.5°	444.7	498.1	557.2	578.1	580.6	581.6	626.2	616.1	583.0	520.4	452.5
50°	659.2	706.1	737.4	725.1	686.2	719.6	741.8	728.0	673.6	595.3	520.3
47.5°	1111.7	1092.3	1011.7	923.8	853.4	882.3	895.4	851.6	768.8	682.6	589.5
45°	1808.8	1647.8	1430.9	1242.5	1093.0	1109.5	1076.2	985.2	891.7	777.1	660.0
42.5°	2566.8	2323.9	2047.9	1603.5	1462.3	1374.0	1277.0	1164.7	1022.0	874.6	739.9
40°	3456.8	3038.6	2719.2	2240.1	1855.9	1662.9	1535.3	1364.4	1158.5	980.9	826.7
37.5°	4298.1	3786.0	3385.8	2840.6	2290.0	2028.6	1815.5	1578.2	1304.5	1099.6	914.7
35°	5075.5	4512.0	3954.6	3382.5	2807.2	2395.5	2111.6	1816.6	1474.5	1217.3	1003.6
32.5°	5836.1	5181.3	4533.8	3893.3	3282.4	2762.8	2433.9	2026.6	1637.7	1333.6	1093.2
30°	6618.2	5854.2	5110.4	4387.7	3725.1	3172.1	2724.7	2223.5	1793.7	1448.3	1184.7
27.5°	7403.4	6518.1	5688.7	4896.9	4164.5	3546.8	2946.9	2407.0	1942.1	1568.1	1280.3
25°	8208.3	7218.1	6285.5	5405.8	4585.8	3835.3	3159.9	2577.9	2093.7	1694.4	1373.3
22.5°	9026.5	7927.8	6866.5	5901.8	4935.7	4125.8	3383.3	2757.5	2239.9	1813.9	1463.4
20°	9796.6	8627.0	7410.1	6300.0	5281.2	4426.5	3620.8	2927.0	2374.7	1926.3	1550.4
17.5°	10539.1	9255.9	7892.9	6689.7	5616.0	4702.9	3852.3	3085.6	2498.1	2031.6	1633.8
15°	11307.6	9807.0	8360.0	7048.2	5921.3	4954.8	4075.4	3232.7	2610.1	2129.5	1703.9
12.5°	11995.5	10342.5	8796.2	7373.6	6196.6	5182.2	4287.5	3367.7	2711.0	2215.8	1758.6
10°	12607.8	10853.0	9196.2	7664.3	6441.2	5385.3	4485.8	3505.2	2829.6	2293.3	1809.4
7.5°	13143.6	11328.8	9554.8	7918.7	6656.9	5553.8	4636.1	3661.8	2947.1	2365.2	1855.8
5°	13584.3	11722.5	9899.3	8212.5	6856.4	5690.8	4751.2	3805.1	3057.8	2430.5	1897.0
2.5°	13871.8	11990.7	10207.8	8485.4	7027.3	5806.5	4838.7	3934.1	3159.8	2488.4	1932.4
0°	14084.1	12188.1	10458.1	8718.8	7166.2	5899.0	4902.5	4047.8	3250.9	2538.0	1961.4
-2.5°	14357.5	12381.3	10614.3	8903.8	7360.4	6063.0	5010.9	4119.7	3314.8	2599.9	2009.6
-5°	14546.0	12507.8	10716.1	9042.9	7517.5	6198.0	5097.6	4175.1	3366.0	2652.2	2050.3
-7.5°	14677.6	12610.0	10784.1	9135.2	7635.3	6300.1	5160.4	4213.9	3404.6	2694.4	2083.1
-10°	14728.2	12665.1	10820.7	9162.6	7672.5	6348.4	5197.6	4235.9	3430.7	2726.2	2107.7
-12.5°	14688.1	12638.8	10792.6	9140.3	7661.0	6347.3	5211.6	4253.2	3445.5	2747.1	2123.6
-15°	14556.7	12528.1	10697.5	9067.7	7607.7	6314.8	5202.4	4257.4	3451.6	2754.2	2130.6
-17.5°	14322.4	12330.5	10534.1	8944.5	7511.9	6250.7	5169.8	4241.6	3442.5	2746.3	2125.6
-20°	13991.4	12071.1	10311.1	8770.6	7373.3	6154.9	5113.9	4205.4	3417.9	2726.2	2110.0



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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°	13596.2	11776.3	10097.0	8574.7	7211.4	6027.7	5034.8	4148.4	3377.6	2693.6	2085.9
-25°	13133.5	11430.9	9826.4	8361.3	7042.0	5915.3	4944.0	4070.5	3321.2	2648.5	2053.4
-27.5°	12674.9	11047.0	9494.4	8105.4	6861.5	5778.7	4840.3	3994.0	3253.0	2590.6	2012.6
-30°	12194.4	10629.1	9158.1	7825.3	6645.3	5623.5	4712.2	3899.5	3177.7	2529.8	1963.4
-32.5°	11633.8	10145.5	8792.1	7553.4	6429.6	5436.0	4560.3	3785.9	3087.1	2464.7	1916.4
-35°	11018.1	9658.9	8390.5	7243.7	6189.3	5245.7	4397.8	3653.6	2981.1	2390.1	1865.6
-37.5°	10363.6	9141.2	8014.3	6915.8	5908.7	5028.1	4234.2	3516.2	2860.1	2306.1	1807.7
-40°	9754.2	8608.7	7563.1	6568.5	5629.4	4783.6	4050.1	3371.6	2746.6	2212.9	1743.1
-42.5°	9103.0	8075.2	7102.3	6171.4	5333.6	4558.1	3849.6	3213.2	2634.2	2124.4	1671.7
-45°	8479.2	7519.9	6620.1	5797.4	5018.6	4311.7	3659.4	3045.8	2508.3	2034.9	1598.7
-47.5°	7829.7	6967.0	6152.7	5396.8	4721.7	4055.9	3454.9	2887.9	2369.3	1937.8	1525.7
-50°	7201.5	6419.1	5688.3	5016.8	4389.4	3815.8	3241.9	2714.2	2244.6	1829.2	1445.5
-52.5°	6568.2	5886.5	5237.5	4630.2	4081.0	3561.3	3028.4	2528.9	2109.1	1719.4	1358.3
-55°	5951.1	5373.9	4792.4	4259.9	3763.8	3292.3	2797.8	2362.2	1963.1	1604.8	1266.4
-57.5°	5375.2	4862.7	4367.7	3891.1	3437.8	3001.3	2579.7	2183.7	1818.4	1482.6	1184.5
-60°	4806.8	4382.0	3943.6	3517.0	3102.6	2721.4	2364.6	2000.0	1668.3	1357.9	1094.9
-62.5°	4284.3	3900.9	3523.2	3135.0	2783.4	2457.5	2141.6	1818.4	1510.0	1244.7	999.4
-65°	3775.1	3437.9	3096.7	2784.6	2479.9	2191.0	1921.5	1628.0	1365.9	1126.0	906.3
-67.5°	3277.8	2997.4	2718.8	2439.7	2185.8	1938.4	1691.6	1451.9	1221.2	1002.2	826.3
-70°	2827.5	2578.6	2350.0	2127.9	1903.9	1684.9	1486.2	1278.6	1070.9	902.8	743.2
-72.5°	2398.7	2204.2	2011.8	1818.7	1639.3	1460.3	1282.1	1107.8	951.2	800.9	657.3
-75°	1995.9	1845.5	1698.4	1547.6	1389.3	1233.8	1100.2	967.0	828.7	696.0	584.9
-77.5°	1645.7	1521.9	1398.5	1283.8	1163.7	1047.1	934.4	822.6	710.6	610.9	516.2
-80°	1319.5	1229.6	1139.8	1048.7	951.4	857.5	778.4	698.7	610.5	526.1	445.9
-82.5°	1020.9	959.7	900.5	840.0	774.1	708.8	644.3	579.9	508.3	439.7	386.9
-85°	802.6	755.5	707.9	659.5	608.8	558.7	521.7	484.2	439.8	395.8	352.3
-87.5°	650.2	620.0	589.5	558.8	526.8	494.7	462.5	430.0	392.1	354.5	317.0
-90°	11.7	12.2	12.6	13.1	13.1	13.1	13.1	13.1	13.6	14.0	14.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	250.1	207.2	164.3	121.3	78.4	45.8	13.1
87.5°	23.6	22.9	21.9	20.6	19.0	16.6	13.1
85°	32.3	30.9	28.8	26.2	23.0	19.2	13.1
82.5°	41.0	38.9	35.8	31.9	27.1	21.8	13.1
80°	50.8	46.9	42.8	37.5	31.2	24.4	13.1
77.5°	67.6	58.1	49.8	43.2	35.3	27.0	13.1
75°	84.8	75.3	58.4	48.8	39.4	29.5	13.1
72.5°	102.4	92.8	74.6	54.4	43.6	32.1	13.1
70°	121.9	110.5	90.9	61.5	47.8	34.6	13.1
67.5°	151.7	128.6	107.3	75.3	52.0	37.1	13.1
65°	182.3	152.2	123.8	89.0	56.2	39.7	13.1
62.5°	213.8	181.5	140.4	102.7	60.5	42.1	13.1
60°	246.2	211.2	157.2	116.4	64.8	44.6	13.1
57.5°	290.8	241.4	182.8	130.0	74.7	47.0	13.1
55°	337.7	272.1	208.9	143.5	84.6	49.4	13.1
52.5°	385.5	304.9	235.0	157.0	94.3	51.8	13.1
50°	434.1	346.8	261.2	170.4	103.8	54.1	13.1
47.5°	485.2	388.9	287.4	185.3	113.1	56.4	13.1
45°	546.3	431.1	313.6	205.1	122.3	58.6	13.1
42.5°	607.8	473.5	339.7	224.6	131.2	60.8	13.1
40°	669.7	515.8	369.4	243.8	139.9	63.0	13.1
37.5°	731.7	558.0	402.3	262.6	148.4	65.0	13.1
35°	793.7	605.2	434.6	280.7	156.5	67.1	13.1
32.5°	859.0	654.5	466.3	298.2	164.4	69.0	13.1
30°	931.6	702.9	497.2	315.0	172.0	70.9	13.1
27.5°	1003.4	750.3	525.4	331.0	179.2	72.7	13.1
25°	1073.9	796.5	552.1	346.3	186.1	74.4	13.1
22.5°	1143.0	839.2	577.4	360.7	192.6	76.0	13.1
20°	1210.2	874.7	601.1	374.3	198.8	77.5	13.1
17.5°	1262.9	907.5	623.3	386.9	204.5	79.0	13.1
15°	1303.9	937.6	643.8	398.5	209.8	80.3	13.1
12.5°	1340.2	964.8	662.6	409.2	214.6	81.5	13.1
10°	1371.6	989.2	679.6	418.8	219.0	82.6	13.1
7.5°	1398.3	1010.5	694.6	427.3	222.9	83.6	13.1
5°	1420.2	1028.9	707.7	434.7	226.2	84.5	13.1
2.5°	1437.4	1044.2	718.8	441.0	229.1	85.2	13.1
0°	1450.0	1056.3	727.8	446.0	231.4	85.8	13.1
-2.5°	1484.9	1076.0	739.7	452.7	235.0	87.5	13.1
-5°	1514.7	1092.3	749.3	458.2	237.9	89.0	13.1
-7.5°	1538.9	1105.1	756.6	462.4	240.4	90.4	13.1
-10°	1557.2	1114.2	761.4	465.2	242.2	91.7	13.1
-12.5°	1569.1	1119.4	763.8	466.6	243.4	92.7	13.1
-15°	1574.1	1120.6	763.5	466.7	244.1	93.7	13.1
-17.5°	1572.0	1117.7	760.6	465.3	244.1	94.4	13.1
-20°	1563.4	1110.6	755.0	462.4	243.6	95.0	13.1



REPORT NUMBER: P1306420 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1549.6	1099.1	746.6	458.1	242.4	95.4	13.1
-25°	1529.8	1087.8	735.5	452.3	240.6	95.7	13.1
-27.5°	1503.9	1073.9	721.5	445.1	238.2	95.7	13.1
-30°	1472.0	1055.2	705.3	436.3	235.2	95.6	13.1
-32.5°	1434.0	1031.9	690.4	426.1	231.7	95.4	13.1
-35°	1398.7	1003.8	672.6	414.4	227.5	94.9	13.1
-37.5°	1360.8	973.8	651.8	401.2	222.7	94.3	13.1
-40°	1316.8	944.9	628.1	386.6	217.4	93.5	13.1
-42.5°	1266.8	911.9	606.1	371.4	211.5	92.5	13.1
-45°	1210.8	875.0	586.2	356.5	205.0	91.3	13.1
-47.5°	1148.9	834.3	564.0	340.1	198.0	90.0	13.1
-50°	1092.7	789.9	539.6	328.4	190.4	88.5	13.1
-52.5°	1033.7	741.7	512.9	317.6	182.4	86.9	13.1
-55°	970.0	702.1	484.0	305.6	173.8	85.1	13.1
-57.5°	902.0	661.9	453.1	292.4	164.8	83.1	13.1
-60°	831.8	618.9	420.8	278.1	155.3	81.0	13.1
-62.5°	774.6	573.3	398.4	262.8	150.4	78.7	13.1
-65°	714.1	525.2	374.5	246.5	145.2	76.3	13.1
-67.5°	650.6	482.7	349.1	229.2	139.6	73.7	13.1
-70°	584.2	446.0	322.3	211.1	133.8	71.1	13.1
-72.5°	531.5	407.5	294.3	199.8	127.7	68.2	13.1
-75°	479.0	367.3	265.1	189.8	121.3	65.3	13.1
-77.5°	424.6	325.7	247.3	179.3	114.6	62.3	13.1
-80°	368.5	297.2	231.7	168.4	107.8	59.2	13.1
-82.5°	337.3	275.6	215.5	157.1	100.7	55.9	13.1
-85°	308.9	253.3	198.9	145.5	93.4	52.6	13.1
-87.5°	279.8	230.5	181.7	133.6	86.0	49.2	13.1
-90°	14.9	14.9	14.9	14.9	14.9	14.0	13.1

(END OF REPORT)