

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: P1306108 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-57-70-7F-VHE-A**

Issue Date: 2/3/2026

Test Information

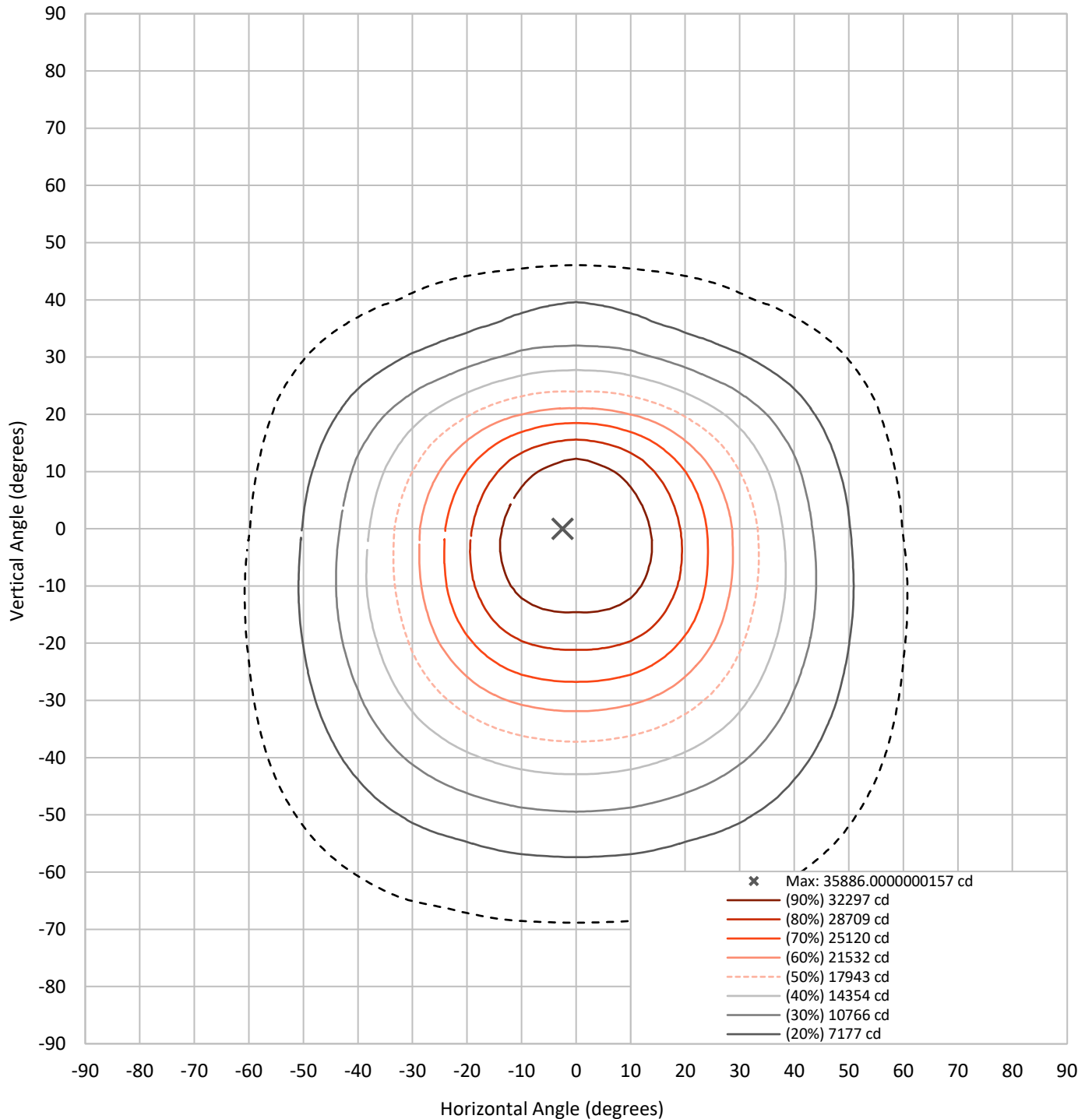
Test Method: LM-79-08
Report Number: P1306108 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-6)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-57-70-7F-VHE-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 70 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:	47741.6 lumens	Max Intensity:	35886 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	142.9 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:	25921.4 lumens	Field Lumens:	44738.2 lumens
Beam Efficiency:	54.3%	Field Efficiency:	93.7%
Input Watts (W):	334		
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





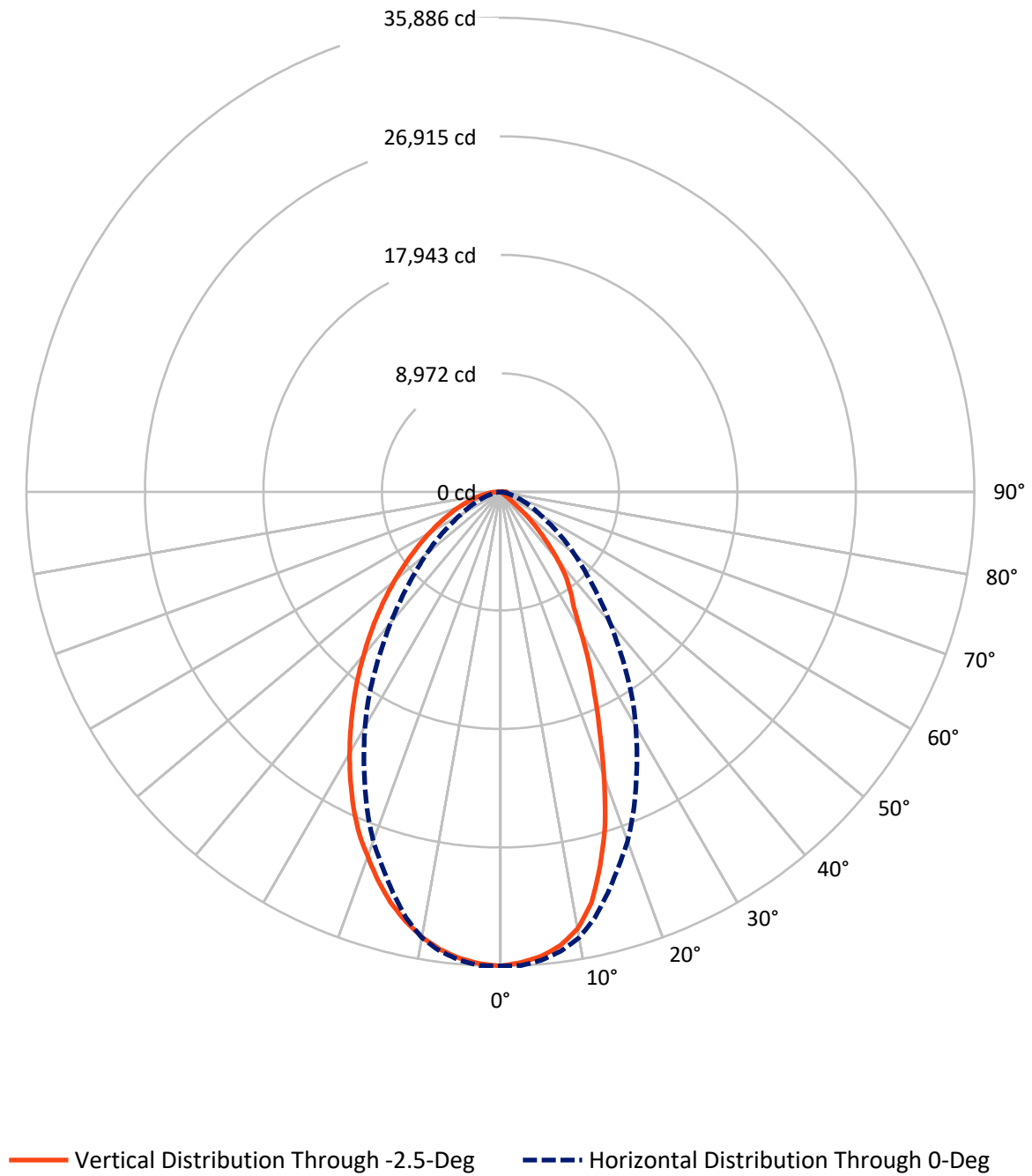
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Lumen Table

90																			
80	0.8	3.9		8.9		11.1		12.1		11.1		8.9		3.9		0.8			
70																			
60	2.8	1.9	2.7	3.1	2.4	1.4	1.0	0.8	0.8	1.0	1.4	2.4	3.1	2.7	1.9	2.8			
50		4.0	5.1	5.1	5.7	7.5	10.3	11.5	11.5	10.3	7.5	5.7	5.1	5.1	4.0				
40	7.4	7.7	14.4	28.5	49.8	77.1	103.2	121.6	121.6	103.2	77.1	49.8	28.5	14.4	7.7	7.4			
30		14.1	35.8	73.4	121.3	174.5	228.7	276.1	276.1	228.7	174.5	121.3	73.4	35.8	14.1				
20	13.1	20.9	57.4	121.4	212.7	323.7	438.0	511.5	511.5	438.0	323.7	212.7	121.4	57.4	20.9	13.1			
10		26.5	75.7	170.2	319.4	515.2	719.4	857.0	857.0	719.4	515.2	319.4	170.2	75.7	26.5				
0	16.5	30.8	88.8	204.2	393.9	642.0	885.5	1044.7	1044.7	885.5	642.0	393.9	204.2	88.8	30.8	16.5			
-10		33.5	96.5	220.1	420.3	673.7	921.0	1058.1	1058.1	921.0	673.7	420.3	220.1	96.5	33.5				
-20	17.4	34.2	96.8	217.7	402.8	635.7	851.3	961.4	961.4	851.3	635.7	402.8	217.7	96.8	34.2	17.4			
-30		32.6	89.3	195.2	352.1	537.4	702.8	787.7	787.7	702.8	537.4	352.1	195.2	89.3	32.6				
-40	14.5	29.1	77.1	161.6	280.5	411.9	521.9	582.0	582.0	521.9	411.9	280.5	161.6	77.1	29.1	14.5			
-50		24.3	61.6	122.9	204.2	287.7	356.3	395.3	395.3	356.3	287.7	204.2	122.9	61.6	24.3				
-60	9.3	18.8	45.2	85.4	135.6	183.5	223.6	246.2	246.2	223.6	183.5	135.6	85.4	45.2	18.8	9.3			
-70		12.9	29.6	53.4	81.9	106.9	128.7	139.8	139.8	128.7	106.9	81.9	53.4	29.6	12.9				
-80	4.2	34.4		96.3		157.1		183.1		157.1		96.3		34.4		4.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

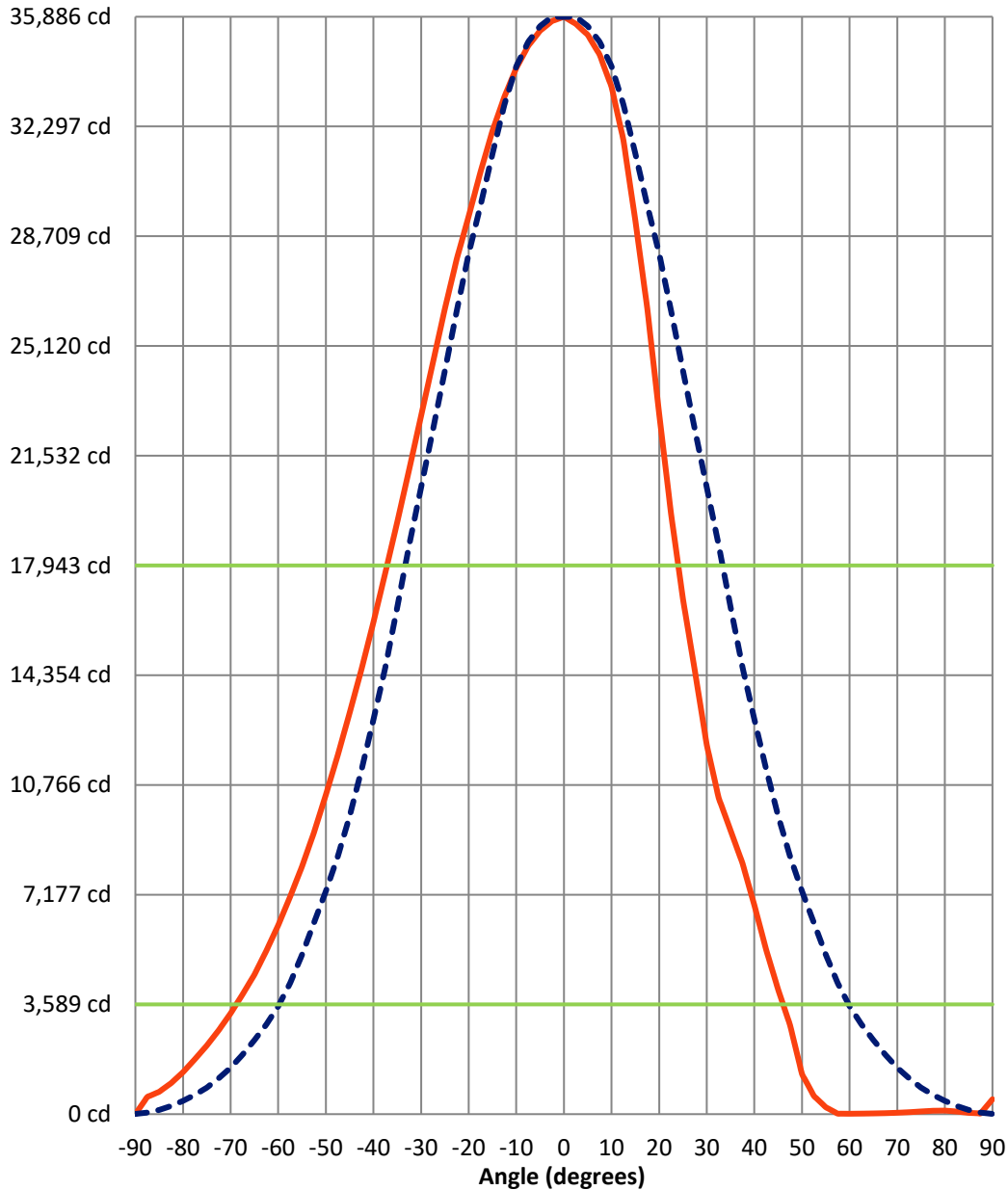
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 66.6°
 V Angle: 61.2°
 Lumens: 25921.4
 Efficiency: 54.3%

Field:
 H Angle: 119.6°
 V Angle: 114.9°
 Lumens: 44738.2
 Efficiency: 93.7%

Spill:
 Lumens: 3003.4
 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°	7.8	27.4	46.9	72.6	98.3	123.9	149.6	168.3	187.0	205.7	224.4
87.5°	7.8	9.9	11.3	12.3	13.1	13.7	14.1	14.1	13.9	13.5	13.0
85°	7.8	11.5	13.8	15.7	17.2	18.4	19.3	19.6	19.5	19.0	18.2
82.5°	7.8	13.0	16.2	19.1	21.4	23.2	24.5	25.1	25.5	27.4	28.9
80°	7.8	14.6	18.6	22.4	25.6	28.0	30.3	34.2	37.6	40.4	42.7
77.5°	7.8	16.1	21.1	25.8	29.7	34.7	40.4	45.3	49.7	53.4	55.2
75°	7.8	17.6	23.6	29.1	34.9	45.0	50.7	56.3	62.0	65.8	63.9
72.5°	7.8	19.2	26.0	32.5	44.6	55.5	61.2	68.7	76.9	78.6	73.8
70°	7.8	20.7	28.5	36.8	54.3	66.1	72.9	85.2	92.6	92.7	94.8
67.5°	7.8	22.2	31.1	45.0	64.2	76.9	90.7	102.4	109.2	118.7	119.5
65°	7.8	23.7	33.6	53.2	74.0	91.0	109.1	120.1	136.6	146.0	148.0
62.5°	7.8	25.2	36.1	61.4	84.0	108.6	127.9	144.7	164.8	176.1	183.6
60°	7.8	26.6	38.7	69.6	94.0	126.3	147.3	172.4	193.9	214.1	221.5
57.5°	7.8	28.1	44.6	77.7	109.3	144.4	174.0	201.1	230.6	254.0	265.8
55°	7.8	29.5	50.5	85.8	124.9	162.8	202.0	231.9	270.3	297.3	315.3
52.5°	7.8	30.9	56.3	93.9	140.6	182.4	230.6	270.7	311.3	348.8	368.5
50°	7.8	32.3	62.0	101.9	156.2	207.5	259.7	311.2	356.1	402.9	435.5
47.5°	7.8	33.7	67.6	110.8	171.9	232.7	290.2	352.6	408.4	459.9	509.4
45°	7.8	35.0	73.1	122.6	187.6	257.9	326.8	394.8	464.9	533.4	589.3
42.5°	7.8	36.4	78.5	134.3	203.2	283.2	363.6	442.6	523.2	611.3	696.7
40°	7.8	37.6	83.7	145.8	221.0	308.6	400.6	494.5	586.8	692.9	816.2
37.5°	7.8	38.9	88.7	157.1	240.6	333.8	437.7	547.1	657.8	780.3	944.0
35°	7.8	40.1	93.6	167.9	260.0	362.1	474.8	600.3	728.1	882.0	1086.7
32.5°	7.8	41.2	98.3	178.4	278.9	391.5	513.8	653.9	797.7	979.6	1212.3
30°	7.8	42.4	102.8	188.4	297.5	420.5	557.3	708.7	866.3	1072.9	1330.1
27.5°	7.8	43.4	107.2	198.0	314.3	448.9	600.2	765.8	938.0	1161.8	1439.8
25°	7.8	44.5	111.3	207.1	330.3	476.5	642.4	821.5	1013.5	1252.4	1542.0
22.5°	7.8	45.4	115.2	215.8	345.4	502.0	683.7	875.4	1085.0	1339.9	1649.5
20°	7.8	46.4	118.9	223.9	359.6	523.2	723.9	927.4	1152.3	1420.5	1750.8
17.5°	7.8	47.2	122.3	231.4	372.8	542.8	755.4	977.3	1215.2	1494.3	1845.7
15°	7.8	48.0	125.4	238.4	385.1	560.8	780.0	1019.2	1273.8	1561.3	1933.7
12.5°	7.8	48.7	128.3	244.8	396.3	577.1	801.6	1051.9	1325.4	1621.7	2014.4
10°	7.8	49.4	131.0	250.5	406.5	591.7	820.4	1082.3	1371.8	1692.6	2096.6
7.5°	7.8	50.0	133.3	255.6	415.5	604.4	836.4	1110.0	1414.8	1762.9	2190.3
5°	7.8	50.5	135.3	260.1	423.3	615.4	849.5	1134.7	1453.8	1829.1	2276.0
2.5°	7.8	50.9	137.0	263.8	429.9	624.5	859.8	1155.8	1488.4	1890.1	2353.2
0°	7.8	51.3	138.4	266.8	435.3	631.8	867.3	1173.2	1518.1	1944.6	2421.2
-2.5°	7.8	52.3	140.5	270.8	442.4	643.6	888.2	1202.0	1555.1	1982.8	2464.2
-5°	7.8	53.2	142.3	274.1	448.2	653.3	906.0	1226.4	1586.4	2013.4	2497.4
-7.5°	7.8	54.1	143.8	276.6	452.5	661.0	920.5	1246.0	1611.7	2036.5	2520.6
-10°	7.8	54.8	144.9	278.3	455.4	666.4	931.4	1260.7	1630.6	2052.1	2533.8
-12.5°	7.8	55.4	145.6	279.2	456.8	669.6	938.5	1270.3	1643.2	2060.9	2544.1
-15°	7.8	56.0	146.0	279.2	456.7	670.3	941.6	1274.4	1647.4	2064.6	2546.6
-17.5°	7.8	56.4	146.0	278.3	454.9	668.6	940.3	1271.5	1642.7	2059.2	2537.2
-20°	7.8	56.8	145.7	276.6	451.6	664.3	935.2	1262.1	1630.7	2044.5	2515.5



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 CATALOG NUMBER: EPH-08-320N-57-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.8	57.0	145.0	274.1	446.6	657.4	926.9	1247.7	1611.2	2020.3	2481.4
-25°	7.8	57.2	143.9	270.6	439.9	650.7	915.1	1228.3	1584.2	1986.6	2434.8
-27.5°	7.8	57.2	142.5	266.2	431.6	642.3	899.6	1203.9	1549.6	1945.8	2389.0
-30°	7.8	57.2	140.7	261.0	421.9	631.2	880.5	1174.4	1513.2	1900.8	2332.5
-32.5°	7.8	57.0	138.6	254.9	413.0	617.2	857.8	1146.3	1474.3	1846.6	2264.6
-35°	7.8	56.7	136.1	247.9	402.3	600.4	836.6	1115.9	1429.7	1783.2	2185.4
-37.5°	7.8	56.4	133.2	240.0	389.9	582.5	814.0	1081.3	1379.4	1710.8	2103.3
-40°	7.8	55.9	130.0	231.3	375.7	565.2	787.7	1042.7	1323.7	1642.9	2016.7
-42.5°	7.8	55.3	126.5	222.2	362.5	545.5	757.7	1000.0	1270.8	1575.7	1922.0
-45°	7.8	54.6	122.6	213.3	350.7	523.4	724.2	956.3	1217.2	1500.4	1821.8
-47.5°	7.8	53.8	118.4	203.4	337.4	499.1	687.2	912.6	1159.1	1417.3	1727.4
-50°	7.8	52.9	113.9	196.5	322.8	472.5	653.6	864.6	1094.2	1342.7	1623.5
-52.5°	7.8	51.9	109.1	190.0	306.8	443.7	618.3	812.5	1028.5	1261.6	1512.7
-55°	7.8	50.9	103.9	182.8	289.5	420.0	580.2	757.4	959.9	1174.3	1412.9
-57.5°	7.8	49.7	98.5	174.9	271.0	395.9	539.5	708.5	886.8	1087.7	1306.2
-60°	7.8	48.4	92.8	166.4	251.7	370.2	497.6	654.9	812.2	997.9	1196.3
-62.5°	7.8	47.0	89.9	157.2	238.3	342.9	463.3	597.8	744.5	903.2	1087.7
-65°	7.8	45.6	86.8	147.4	224.0	314.2	427.1	542.1	673.5	817.0	973.8
-67.5°	7.8	44.1	83.5	137.1	208.8	288.7	389.1	494.2	599.4	730.5	868.5
-70°	7.8	42.5	80.0	126.2	192.8	266.8	349.5	444.5	540.0	640.5	764.8
-72.5°	7.8	40.8	76.3	119.5	176.0	243.7	317.9	393.1	479.0	568.9	662.6
-75°	7.8	39.1	72.5	113.5	158.5	219.7	286.5	349.9	416.3	495.7	578.4
-77.5°	7.8	37.2	68.5	107.2	147.9	194.8	254.0	308.8	365.4	425.0	492.0
-80°	7.8	35.4	64.4	100.7	138.6	177.8	220.4	266.7	314.7	365.1	417.9
-82.5°	7.8	33.4	60.2	94.0	128.9	164.8	201.8	231.4	263.0	304.1	346.9
-85°	7.8	31.5	55.9	87.0	118.9	151.5	184.8	210.7	236.8	263.1	289.7
-87.5°	7.8	29.4	51.4	79.9	108.7	137.9	167.4	189.7	212.0	234.6	257.2
-90°	7.8	8.4	8.9	8.9	8.9	8.9	8.9	8.6	8.4	8.1	7.8



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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°	240.9	257.3	273.8	290.2	306.4	322.6	338.8	355.0	370.1	385.2	400.2
87.5°	13.4	13.7	14.0	14.2	13.7	13.0	12.3	11.4	12.4	13.4	14.5
85°	18.9	19.5	21.2	22.4	23.3	24.5	26.0	27.7	31.0	34.3	37.5
82.5°	31.4	33.5	35.0	36.0	39.1	42.9	47.0	50.9	54.6	58.1	61.4
80°	45.4	47.6	48.0	48.5	52.6	57.7	63.1	68.7	73.1	77.2	81.1
77.5°	55.6	56.9	58.3	60.0	65.3	72.6	80.0	87.4	92.9	97.2	101.2
75°	63.7	66.0	71.3	74.6	80.5	89.1	97.7	106.0	111.4	114.5	116.4
72.5°	76.7	84.4	89.1	91.0	96.7	106.8	115.9	124.0	128.2	127.6	124.9
70°	96.8	104.0	110.2	112.5	115.0	124.8	132.2	137.9	140.5	135.4	125.4
67.5°	118.5	129.5	135.1	135.5	131.9	140.5	147.1	146.2	141.8	130.8	117.6
65°	146.3	156.8	161.9	159.8	150.3	152.2	151.8	147.8	137.7	122.5	106.7
62.5°	177.5	186.9	190.9	185.6	168.3	160.8	156.6	146.4	130.8	115.9	101.0
60°	217.2	219.3	221.8	212.3	190.5	170.0	161.9	151.7	135.0	114.6	102.4
57.5°	261.7	254.5	255.7	245.0	220.0	183.3	179.7	166.6	152.6	125.7	113.2
55°	313.0	293.4	296.5	286.8	263.8	222.7	208.8	206.9	187.2	166.1	142.8
52.5°	374.6	347.9	347.3	345.8	333.3	297.9	266.0	288.2	300.6	277.1	292.0
50°	443.7	430.4	410.4	433.7	441.1	422.3	394.3	456.3	531.0	565.2	564.3
47.5°	535.6	527.7	510.4	552.5	605.2	653.4	665.0	777.0	890.1	1015.2	1030.0
45°	643.7	663.7	653.8	743.2	855.9	985.6	1082.0	1190.6	1448.1	1597.4	1818.7
42.5°	763.9	821.8	874.7	959.2	1225.0	1390.1	1535.4	1808.1	2064.2	2280.8	2509.4
40°	918.4	994.7	1110.1	1339.9	1626.5	1817.6	2067.7	2378.5	2637.9	2882.4	3116.5
37.5°	1086.0	1213.4	1369.8	1699.1	2025.3	2264.6	2570.9	2879.1	3174.0	3448.4	3775.7
35°	1263.1	1432.9	1679.1	2023.2	2365.5	2698.9	3035.9	3379.3	3715.9	4091.8	4459.8
32.5°	1455.9	1652.6	1963.4	2328.8	2711.9	3099.2	3490.9	3891.7	4319.5	4757.8	5148.2
30°	1629.8	1897.4	2228.2	2624.5	3056.8	3501.7	3958.7	4420.0	4945.2	5464.1	5932.4
27.5°	1762.7	2121.5	2491.0	2929.1	3402.8	3898.9	4428.4	4999.9	5611.4	6206.2	6762.2
25°	1890.1	2294.1	2743.0	3233.6	3759.8	4317.5	4909.8	5549.7	6300.0	6997.0	7690.5
22.5°	2023.7	2467.9	2952.3	3530.3	4107.2	4742.1	5399.3	6135.7	6964.9	7788.8	8631.6
20°	2165.8	2647.8	3159.0	3768.4	4432.4	5160.3	5859.9	6717.0	7639.4	8596.8	9624.9
17.5°	2304.3	2813.1	3359.2	4001.6	4721.2	5536.5	6304.0	7279.7	8301.8	9396.9	10559.8
15°	2437.7	2963.8	3541.9	4215.9	5000.6	5866.1	6763.7	7832.8	8976.0	10184.9	11406.1
12.5°	2564.6	3099.8	3706.6	4410.6	5261.5	6186.4	7175.2	8299.5	9551.6	10888.0	12219.1
10°	2683.2	3221.2	3852.9	4584.4	5500.8	6491.8	7541.4	8716.8	10018.7	11395.5	12880.1
7.5°	2773.1	3322.0	3981.9	4736.7	5715.3	6776.4	7861.9	9082.4	10413.3	11847.3	13443.3
5°	2842.0	3404.0	4101.2	4912.4	5921.3	7011.9	8125.6	9394.1	10736.8	12236.1	13929.5
2.5°	2894.3	3473.2	4203.4	5075.6	6105.9	7172.4	8297.5	9598.7	11027.9	12599.2	14324.7
0°	2932.5	3528.5	4286.5	5215.2	6255.6	7290.4	8424.5	9747.3	11264.3	12906.4	14616.5
-2.5°	2997.3	3626.6	4402.7	5325.8	6349.0	7406.0	8588.1	9954.2	11488.6	13100.2	14868.1
-5°	3049.2	3707.4	4496.6	5409.1	6409.9	7481.7	8700.8	10098.1	11635.4	13230.7	14998.0
-7.5°	3086.8	3768.5	4567.1	5464.3	6450.6	7542.8	8779.6	10169.7	11690.3	13308.6	15018.4
-10°	3109.0	3797.3	4589.3	5480.7	6472.5	7575.7	8809.8	10180.2	11673.9	13290.3	14962.7
-12.5°	3117.4	3796.7	4582.5	5467.3	6455.7	7560.0	8785.8	10130.5	11587.8	13172.2	14820.9
-15°	3111.8	3777.2	4550.6	5423.9	6398.8	7493.7	8707.2	10021.8	11428.0	12931.6	14533.9
-17.5°	3092.3	3738.9	4493.3	5350.2	6301.1	7375.6	8567.0	9821.0	11198.5	12653.8	14169.2
-20°	3058.9	3681.6	4410.4	5246.2	6167.7	7220.4	8369.1	9582.9	10906.1	12322.3	13760.7



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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°	3011.6	3605.5	4313.5	5129.0	6039.6	7044.1	8132.7	9296.5	10533.7	11926.8	13297.5
-25°	2957.3	3538.3	4212.2	5001.3	5877.8	6837.5	7855.9	8968.7	10136.4	11440.2	12767.0
-27.5°	2895.3	3456.6	4104.3	4848.3	5679.2	6607.9	7581.6	8626.2	9731.8	10904.1	12176.4
-30°	2818.7	3363.8	3975.0	4680.8	5478.0	6357.9	7294.2	8238.5	9285.8	10391.1	11557.2
-32.5°	2727.8	3251.6	3846.0	4518.2	5259.1	6068.6	6958.9	7856.8	8823.1	9846.0	10926.7
-35°	2630.5	3137.8	3702.2	4332.9	5018.9	5777.6	6590.6	7444.7	8333.4	9294.7	10245.3
-37.5°	2532.7	3007.6	3534.4	4136.8	4793.8	5467.9	6199.1	7011.6	7844.5	8694.4	9567.4
-40°	2422.6	2861.4	3367.3	3929.0	4523.9	5149.4	5834.5	6559.8	7334.1	8100.8	8883.4
-42.5°	2302.7	2726.5	3190.3	3691.5	4248.3	4830.3	5445.1	6123.8	6798.6	7494.9	8217.5
-45°	2188.9	2579.1	3001.9	3467.8	3959.9	4498.1	5071.9	5665.1	6272.6	6888.0	7545.8
-47.5°	2066.6	2426.1	2824.3	3228.1	3680.3	4167.4	4683.4	5217.2	5743.4	6307.7	6869.9
-50°	1939.2	2282.4	2625.5	3000.8	3402.5	3839.6	4307.7	4768.0	5249.1	5737.7	6244.5
-52.5°	1811.4	2130.2	2441.0	2769.6	3132.9	3521.1	3928.9	4340.2	4767.7	5197.8	5632.2
-55°	1673.5	1969.3	2251.3	2548.1	2866.6	3214.4	3559.7	3929.7	4300.4	4693.9	5050.8
-57.5°	1543.0	1795.3	2056.3	2327.4	2612.5	2908.6	3215.2	3524.8	3862.1	4201.5	4507.3
-60°	1414.4	1627.8	1855.8	2103.7	2358.8	2621.1	2875.2	3151.5	3436.9	3714.8	3994.6
-62.5°	1281.0	1469.9	1664.9	1875.2	2107.4	2333.3	2562.6	2795.5	3027.9	3274.5	3511.1
-65°	1149.4	1310.5	1483.4	1665.6	1852.3	2056.4	2258.0	2454.7	2662.3	2864.1	3060.1
-67.5°	1011.9	1159.5	1307.4	1459.3	1626.3	1792.9	1960.6	2141.2	2316.6	2481.5	2647.7
-70°	889.0	1007.8	1138.8	1272.8	1405.7	1542.4	1691.3	1840.6	1987.1	2127.7	2271.5
-72.5°	766.9	873.5	980.5	1087.8	1203.4	1318.5	1434.8	1551.9	1674.4	1797.0	1916.2
-75°	658.0	738.0	831.0	925.7	1015.9	1103.9	1193.9	1293.5	1391.4	1487.6	1582.9
-77.5°	558.9	626.3	696.0	767.9	836.5	910.3	984.4	1058.6	1131.7	1203.2	1273.3
-80°	465.6	512.9	569.0	627.2	681.7	735.5	789.3	842.9	897.0	953.7	1012.1
-82.5°	385.4	424.0	463.0	502.4	538.6	574.0	610.6	652.5	695.3	737.9	779.9
-85°	312.1	334.2	364.2	394.5	423.4	451.9	480.1	507.8	536.3	564.3	592.0
-87.5°	276.6	295.9	315.1	334.2	352.6	370.9	388.9	406.9	425.2	443.5	461.8
-90°	7.8	7.8	7.8	7.8	7.5	7.3	7.0	6.7	6.4	6.2	5.9



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	415.3	420.0	424.8	429.5	434.2	445.4	456.6	467.7	478.9	481.4	483.9
87.5°	15.7	15.7	15.7	15.6	15.6	18.1	20.7	23.3	26.0	25.7	25.4
85°	40.6	41.2	41.5	41.5	41.3	44.7	48.2	51.5	54.8	52.6	50.1
82.5°	64.6	65.8	66.9	68.1	69.3	72.9	76.4	79.8	82.9	84.0	84.9
80°	84.6	86.8	88.5	89.7	90.7	93.7	97.0	100.1	103.1	106.2	109.4
77.5°	104.0	104.7	104.3	103.3	101.7	102.1	102.8	103.2	103.3	104.9	106.8
75°	117.4	115.9	111.3	106.0	100.0	96.4	93.7	90.9	88.0	87.5	87.7
72.5°	120.4	114.3	106.7	97.3	88.1	81.7	77.3	73.1	69.1	67.2	66.0
70°	114.0	102.3	92.1	82.1	72.3	65.0	60.7	56.7	53.1	50.8	49.1
67.5°	102.6	88.2	77.5	67.2	57.6	50.1	46.3	42.8	39.6	37.3	35.6
65°	91.2	75.8	65.5	55.5	45.9	38.4	35.5	32.7	29.9	27.8	26.6
62.5°	84.8	68.6	58.0	49.3	40.5	31.9	28.9	26.0	23.0	20.8	19.8
60°	87.0	68.7	55.7	47.7	38.6	28.7	24.9	22.2	19.2	16.5	15.6
57.5°	100.7	80.7	61.3	58.1	48.9	34.3	35.7	41.5	37.1	25.6	24.3
55°	154.0	149.0	97.5	126.2	146.8	138.3	129.2	171.0	191.4	192.5	211.3
52.5°	306.0	342.1	328.6	344.3	429.2	463.6	459.0	533.8	572.6	567.3	587.5
50°	644.3	718.2	809.2	823.9	966.3	1065.0	1088.8	1175.4	1271.6	1308.4	1349.8
47.5°	1257.4	1430.6	1518.5	1617.7	1781.6	1961.1	2100.3	2224.9	2359.9	2452.2	2563.7
45°	2048.2	2170.6	2323.6	2553.8	2804.0	3038.3	3258.4	3459.0	3591.4	3709.3	3834.6
42.5°	2698.8	2894.3	3150.8	3494.3	3850.2	4090.7	4271.8	4465.1	4671.9	4868.4	5049.6
40°	3364.9	3591.5	3998.6	4387.7	4653.3	4885.5	5133.4	5395.7	5666.0	5923.8	6180.1
37.5°	4078.9	4413.8	4770.2	5110.4	5391.4	5611.0	5950.7	6241.3	6512.1	6896.0	7248.1
35°	4838.7	5202.6	5508.9	5897.8	6212.0	6482.9	6838.4	7204.4	7438.8	7965.4	8421.3
32.5°	5594.5	6018.6	6426.9	6796.4	7186.3	7604.0	7950.0	8452.1	8834.0	9337.7	9832.8
30°	6382.0	6963.5	7473.2	7878.6	8409.7	8949.7	9435.1	10026.4	10589.4	11058.2	11583.0
27.5°	7375.8	8022.3	8643.9	9268.6	9836.0	10510.3	11283.0	11908.4	12629.3	13140.5	13689.3
25°	8430.2	9200.3	10027.0	10832.3	11576.7	12449.1	13325.1	14089.2	14836.4	15425.3	16011.8
22.5°	9576.7	10508.0	11491.9	12505.7	13512.0	14467.7	15408.1	16353.7	17214.9	18024.3	18588.2
20°	10741.1	11775.2	12970.1	14191.6	15350.3	16429.1	17559.0	18754.8	19849.1	20787.2	21481.8
17.5°	11791.4	13088.6	14402.8	15743.0	17049.8	18383.0	19784.9	21191.4	22487.1	23585.6	24507.9
15°	12737.7	14207.4	15728.9	17240.9	18743.6	20278.6	21916.7	23432.2	24884.3	26144.2	27222.5
12.5°	13670.8	15240.6	16871.5	18566.8	20348.3	22010.3	23678.2	25312.2	26834.1	28298.6	29378.8
10°	14496.6	16191.7	17937.7	19754.4	21599.5	23402.6	25160.6	26864.0	28359.3	29742.1	31048.9
7.5°	15169.5	16987.4	18850.9	20761.7	22660.7	24486.5	26277.0	27979.2	29496.9	30914.1	32250.4
5°	15749.9	17678.0	19601.2	21505.4	23416.1	25310.0	27117.7	28796.1	30376.9	31849.6	33188.8
2.5°	16223.5	18233.9	20182.6	22058.0	23961.1	25899.6	27753.0	29374.5	31027.0	32524.8	33842.9
0°	16578.9	18608.3	20494.8	22386.9	24313.6	26273.8	28138.0	29726.4	31408.7	33009.4	34263.0
-2.5°	16773.3	18683.5	20561.2	22459.6	24444.3	26460.7	28322.3	30034.5	31707.0	33207.5	34373.0
-5°	16840.9	18720.0	20590.9	22523.5	24491.1	26475.7	28331.0	30047.6	31653.8	33057.4	34120.3
-7.5°	16795.5	18656.2	20508.4	22422.0	24377.1	26338.0	28163.5	29805.5	31352.3	32681.7	33696.0
-10°	16658.7	18460.6	20313.5	22195.6	24154.8	26090.8	27879.7	29361.1	30838.0	32085.1	33044.2
-12.5°	16432.6	18157.8	19985.2	21825.6	23747.8	25608.8	27275.8	28750.8	30070.4	31333.7	32173.2
-15°	16111.8	17775.1	19522.2	21324.4	23145.5	24945.8	26571.2	27996.9	29219.4	30216.0	31100.0
-17.5°	15709.4	17314.4	18988.4	20715.4	22406.6	24119.3	25625.6	27054.3	28230.3	29117.4	29803.5
-20°	15214.2	16771.7	18372.6	20021.4	21592.7	23049.4	24501.5	25830.0	26992.4	27859.8	28519.2



REPORT NUMBER: P1306108 (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°	14691.4	16160.8	17677.5	19164.2	20595.1	21964.6	23279.7	24499.0	25604.2	26424.4	27055.3
-25°	14096.5	15470.7	16873.2	18215.8	19522.7	20797.7	21989.7	23119.5	24084.3	24882.2	25468.0
-27.5°	13445.1	14724.7	15990.4	17239.2	18451.7	19553.8	20650.6	21670.5	22519.0	23252.7	23771.5
-30°	12733.3	13903.4	15089.7	16260.3	17309.2	18302.0	19276.5	20161.8	20939.6	21583.8	22049.1
-32.5°	11982.5	13051.6	14151.9	15210.3	16130.1	17025.8	17875.6	18651.7	19364.9	19934.2	20353.8
-35°	11206.3	12196.7	13184.9	14100.0	14957.3	15754.1	16486.3	17174.2	17765.0	18283.9	18695.3
-37.5°	10442.8	11334.9	12192.5	12991.5	13783.7	14514.4	15154.0	15757.5	16294.7	16727.5	17088.1
-40°	9694.0	10483.7	11213.8	11925.1	12632.8	13251.4	13832.2	14352.7	14828.1	15241.6	15562.0
-42.5°	8949.7	9629.7	10259.9	10900.0	11511.9	12048.4	12554.0	13005.0	13417.5	13788.1	14098.8
-45°	8202.6	8784.2	9345.1	9907.9	10416.0	10893.8	11333.4	11729.6	12098.1	12410.1	12664.8
-47.5°	7439.7	7955.6	8465.1	8952.7	9374.3	9787.1	10165.6	10521.5	10853.5	11134.1	11359.1
-50°	6711.1	7167.2	7623.4	8026.4	8380.9	8724.7	9044.9	9388.6	9695.9	9951.6	10137.5
-52.5°	6027.2	6439.5	6831.7	7161.8	7461.4	7729.8	7975.8	8295.0	8584.4	8835.5	9000.4
-55°	5404.3	5757.2	6093.4	6366.1	6616.3	6840.1	7063.4	7319.9	7553.6	7762.5	7900.3
-57.5°	4818.0	5117.1	5396.8	5626.4	5835.1	6022.2	6229.6	6444.0	6635.6	6800.5	6911.4
-60°	4262.1	4516.7	4748.7	4937.6	5111.0	5268.6	5465.8	5653.1	5818.6	5953.1	6036.0
-62.5°	3737.7	3966.1	4146.4	4298.3	4436.9	4569.6	4742.0	4903.7	5053.1	5172.3	5241.7
-65°	3257.5	3457.5	3591.6	3711.8	3821.0	3940.6	4087.2	4218.7	4335.4	4424.0	4484.3
-67.5°	2819.9	2978.1	3083.8	3179.3	3272.8	3375.2	3499.6	3614.5	3719.4	3792.4	3837.5
-70°	2412.2	2534.1	2619.8	2701.1	2779.2	2866.9	2968.8	3063.8	3151.4	3208.1	3244.0
-72.5°	2031.8	2124.8	2195.6	2265.5	2328.5	2403.7	2486.8	2564.7	2637.0	2679.6	2707.0
-75°	1676.9	1748.2	1806.2	1859.9	1909.1	1972.4	2039.7	2102.9	2161.8	2194.2	2215.3
-77.5°	1347.9	1402.4	1446.1	1486.1	1522.4	1572.6	1624.4	1673.0	1718.4	1747.4	1770.6
-80°	1069.2	1102.2	1129.0	1154.0	1177.1	1214.6	1252.6	1288.4	1322.0	1340.9	1355.9
-82.5°	821.3	841.3	857.3	871.3	883.4	909.5	935.6	960.3	983.5	995.7	1006.1
-85°	619.1	629.9	638.9	647.0	654.1	672.2	690.2	707.5	724.2	727.8	730.3
-87.5°	480.0	485.9	491.4	496.8	502.0	515.4	528.8	542.1	555.3	557.6	559.7
-90°	5.6	5.3	5.1	4.8	4.5	4.2	3.9	3.6	3.3	3.0	2.8



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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°	486.4	488.9	487.3	485.6	487.3	488.9	486.4	483.9	481.4	478.9	467.7
87.5°	25.0	24.5	24.6	24.6	24.6	24.5	25.0	25.4	25.7	26.0	23.3
85°	47.4	44.6	42.4	40.2	42.4	44.6	47.4	50.1	52.6	54.8	51.5
82.5°	85.8	86.6	86.4	86.0	86.4	86.6	85.8	84.9	84.0	82.9	79.8
80°	112.5	115.6	116.5	117.2	116.5	115.6	112.5	109.4	106.2	103.1	100.1
77.5°	108.6	110.5	111.1	111.6	111.1	110.5	108.6	106.8	104.9	103.3	103.2
75°	88.1	88.6	88.3	88.2	88.3	88.6	88.1	87.7	87.5	88.0	90.9
72.5°	65.0	64.3	63.8	63.6	63.8	64.3	65.0	66.0	67.2	69.1	73.1
70°	47.7	46.4	45.4	44.7	45.4	46.4	47.7	49.1	50.8	53.1	56.7
67.5°	34.2	33.0	32.0	31.3	32.0	33.0	34.2	35.6	37.3	39.6	42.8
65°	25.7	25.0	24.1	23.4	24.1	25.0	25.7	26.6	27.8	29.9	32.7
62.5°	19.0	18.3	18.0	17.9	18.0	18.3	19.0	19.8	20.8	23.0	26.0
60°	14.7	13.8	13.5	13.4	13.5	13.8	14.7	15.6	16.5	19.2	22.2
57.5°	22.0	18.8	16.9	15.6	16.9	18.8	22.0	24.3	25.6	37.1	41.5
55°	221.4	222.0	226.4	231.1	226.4	222.0	221.4	211.3	192.5	191.4	171.0
52.5°	603.0	601.0	595.6	584.9	595.6	601.0	603.0	587.5	567.3	572.6	533.8
50°	1374.6	1355.2	1313.2	1253.6	1313.2	1355.2	1374.6	1349.8	1308.4	1271.6	1175.4
47.5°	2713.8	2826.0	2903.7	2938.0	2903.7	2826.0	2713.8	2563.7	2452.2	2359.9	2224.9
45°	3965.0	4031.5	4070.4	4101.2	4070.4	4031.5	3965.0	3834.6	3709.3	3591.4	3459.0
42.5°	5203.8	5309.3	5361.3	5352.5	5361.3	5309.3	5203.8	5049.6	4868.4	4671.9	4465.1
40°	6426.4	6647.3	6828.6	6958.9	6828.6	6647.3	6426.4	6180.1	5923.8	5666.0	5395.7
37.5°	7596.3	7925.3	8203.1	8404.4	8203.1	7925.3	7596.3	7248.1	6896.0	6512.1	6241.3
35°	8794.2	9084.3	9274.7	9357.7	9274.7	9084.3	8794.2	8421.3	7965.4	7438.8	7204.4
32.5°	10148.6	10309.7	10343.9	10430.5	10343.9	10309.7	10148.6	9832.8	9337.7	8834.0	8452.1
30°	11902.6	12070.1	12074.1	12183.0	12074.1	12070.1	11902.6	11583.0	11058.2	10589.4	10026.4
27.5°	14121.9	14404.1	14495.7	14592.0	14495.7	14404.1	14121.9	13689.3	13140.5	12629.3	11908.4
25°	16498.4	16761.4	16845.7	16813.3	16845.7	16761.4	16498.4	16011.8	15425.3	14836.4	14089.2
22.5°	19165.9	19506.8	19630.9	19568.3	19630.9	19506.8	19165.9	18588.2	18024.3	17214.9	16353.7
20°	22151.3	22643.5	22903.6	23021.0	22903.6	22643.5	22151.3	21481.8	20787.2	19849.1	18754.8
17.5°	25293.7	26018.9	26352.0	26450.2	26352.0	26018.9	25293.7	24507.9	23585.6	22487.1	21191.4
15°	28152.4	28785.7	29217.6	29439.5	29217.6	28785.7	28152.4	27222.5	26144.2	24884.3	23432.2
12.5°	30362.9	31170.0	31842.7	32203.4	31842.7	31170.0	30362.9	29378.8	28298.6	26834.1	25312.2
10°	32164.7	32979.6	33591.3	33887.9	33591.3	32979.6	32164.7	31048.9	29742.1	28359.3	26864.0
7.5°	33411.3	34168.7	34643.6	34837.9	34643.6	34168.7	33411.3	32250.4	30914.1	29496.9	27979.2
5°	34217.1	34941.3	35292.3	35418.3	35292.3	34941.3	34217.1	33188.8	31849.6	30376.9	28796.1
2.5°	34797.2	35370.2	35651.3	35669.5	35651.3	35370.2	34797.2	33842.9	32524.8	31027.0	29374.5
0°	35062.2	35577.9	35886.0	35880.5	35886.0	35577.9	35062.2	34263.0	33009.4	31408.7	29726.4
-2.5°	35075.1	35523.7	35742.7	35619.2	35742.7	35523.7	35075.1	34373.0	33207.5	31707.0	30034.5
-5°	34824.9	35264.0	35428.1	35390.4	35428.1	35264.0	34824.9	34120.3	33057.4	31653.8	30047.6
-7.5°	34375.8	34765.4	34932.9	34938.3	34932.9	34765.4	34375.8	33696.0	32681.7	31352.3	29805.5
-10°	33690.9	34016.4	34208.3	34153.6	34208.3	34016.4	33690.9	33044.2	32085.1	30838.0	29361.1
-12.5°	32784.9	33106.2	33268.9	33236.0	33268.9	33106.2	32784.9	32173.2	31333.7	30070.4	28750.8
-15°	31701.1	32006.5	32158.9	32144.3	32158.9	32006.5	31701.1	31100.0	30216.0	29219.4	27996.9
-17.5°	30359.3	30665.4	30821.5	30842.7	30821.5	30665.4	30359.3	29803.5	29117.4	28230.3	27054.3
-20°	28953.1	29223.1	29366.0	29368.1	29366.0	29223.1	28953.1	28519.2	27859.8	26992.4	25830.0



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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°	27495.4	27798.6	27968.3	27942.6	27968.3	27798.6	27495.4	27055.3	26424.4	25604.2	24499.0
-25°	25870.7	26174.6	26339.5	26332.9	26339.5	26174.6	25870.7	25468.0	24882.2	24084.3	23119.5
-27.5°	24136.3	24428.3	24587.5	24607.2	24587.5	24428.3	24136.3	23771.5	23252.7	22519.0	21670.5
-30°	22389.2	22677.1	22833.0	22845.7	22833.0	22677.1	22389.2	22049.1	21583.8	20939.6	20161.8
-32.5°	20677.1	20937.1	21081.1	21096.5	21081.1	20937.1	20677.1	20353.8	19934.2	19364.9	18651.7
-35°	19006.9	19235.3	19364.5	19406.5	19364.5	19235.3	19006.9	18695.3	18283.9	17765.0	17174.2
-37.5°	17381.3	17587.7	17712.6	17789.0	17712.6	17587.7	17381.3	17088.1	16727.5	16294.7	15757.5
-40°	15811.1	15992.1	16091.6	16093.3	16091.6	15992.1	15811.1	15562.0	15241.6	14828.1	14352.7
-42.5°	14328.9	14481.2	14557.3	14558.5	14557.3	14481.2	14328.9	14098.8	13788.1	13417.5	13005.0
-45°	12870.0	13018.9	13124.4	13191.0	13124.4	13018.9	12870.0	12664.8	12410.1	12098.1	11729.6
-47.5°	11530.8	11653.0	11736.7	11782.3	11736.7	11653.0	11530.8	11359.1	11134.1	10853.5	10521.5
-50°	10273.8	10371.4	10442.9	10485.2	10442.9	10371.4	10273.8	10137.5	9951.6	9695.9	9388.6
-52.5°	9112.2	9183.5	9209.1	9192.5	9209.1	9183.5	9112.2	9000.4	8835.5	8584.4	8295.0
-55°	8003.6	8074.6	8103.0	8093.0	8103.0	8074.6	8003.6	7900.3	7762.5	7553.6	7319.9
-57.5°	6998.8	7061.8	7112.2	7143.0	7112.2	7061.8	6998.8	6911.4	6800.5	6635.6	6444.0
-60°	6101.2	6147.8	6179.5	6192.0	6179.5	6147.8	6101.2	6036.0	5953.1	5818.6	5653.1
-62.5°	5290.4	5319.4	5341.9	5351.4	5341.9	5319.4	5290.4	5241.7	5172.3	5053.1	4903.7
-65°	4532.4	4567.8	4563.6	4538.8	4563.6	4567.8	4532.4	4484.3	4424.0	4335.4	4218.7
-67.5°	3871.6	3894.6	3914.4	3924.8	3914.4	3894.6	3871.6	3837.5	3792.4	3719.4	3614.5
-70°	3271.5	3290.3	3297.3	3295.2	3297.3	3290.3	3271.5	3244.0	3208.1	3151.4	3063.8
-72.5°	2727.6	2741.4	2744.1	2739.3	2744.1	2741.4	2727.6	2707.0	2679.6	2637.0	2564.7
-75°	2230.2	2239.4	2244.0	2243.7	2244.0	2239.4	2230.2	2215.3	2194.2	2161.8	2102.9
-77.5°	1789.9	1805.3	1798.8	1787.2	1798.8	1805.3	1789.9	1770.6	1747.4	1718.4	1673.0
-80°	1368.1	1377.5	1372.4	1364.1	1372.4	1377.5	1368.1	1355.9	1340.9	1322.0	1288.4
-82.5°	1015.0	1022.5	1014.0	1003.5	1014.0	1022.5	1015.0	1006.1	995.7	983.5	960.3
-85°	732.1	733.2	732.5	731.2	732.5	733.2	732.1	730.3	727.8	724.2	707.5
-87.5°	561.6	563.4	562.0	560.4	562.0	563.4	561.6	559.7	557.6	555.3	542.1
-90°	2.5	2.2	2.8	3.3	2.8	2.2	2.5	2.8	3.0	3.3	3.6



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	456.6	445.4	434.2	429.5	424.8	420.0	415.3	400.2	385.2	370.1	355.0
87.5°	20.7	18.1	15.6	15.6	15.7	15.7	15.7	14.5	13.4	12.4	11.4
85°	48.2	44.7	41.3	41.5	41.5	41.2	40.6	37.5	34.3	31.0	27.7
82.5°	76.4	72.9	69.3	68.1	66.9	65.8	64.6	61.4	58.1	54.6	50.9
80°	97.0	93.7	90.7	89.7	88.5	86.8	84.6	81.1	77.2	73.1	68.7
77.5°	102.8	102.1	101.7	103.3	104.3	104.7	104.0	101.2	97.2	92.9	87.4
75°	93.7	96.4	100.0	106.0	111.3	115.9	117.4	116.4	114.5	111.4	106.0
72.5°	77.3	81.7	88.1	97.3	106.7	114.3	120.4	124.9	127.6	128.2	124.0
70°	60.7	65.0	72.3	82.1	92.1	102.3	114.0	125.4	135.4	140.5	137.9
67.5°	46.3	50.1	57.6	67.2	77.5	88.2	102.6	117.6	130.8	141.8	146.2
65°	35.5	38.4	45.9	55.5	65.5	75.8	91.2	106.7	122.5	137.7	147.8
62.5°	28.9	31.9	40.5	49.3	58.0	68.6	84.8	101.0	115.9	130.8	146.4
60°	24.9	28.7	38.6	47.7	55.7	68.7	87.0	102.4	114.6	135.0	151.7
57.5°	35.7	34.3	48.9	58.1	61.3	80.7	100.7	113.2	125.7	152.6	166.6
55°	129.2	138.3	146.8	126.2	97.5	149.0	154.0	142.8	166.1	187.2	206.9
52.5°	459.0	463.6	429.2	344.3	328.6	342.1	306.0	292.0	277.1	300.6	288.2
50°	1088.8	1065.0	966.3	823.9	809.2	718.2	644.3	564.3	565.2	531.0	456.3
47.5°	2100.3	1961.1	1781.6	1617.7	1518.5	1430.6	1257.4	1030.0	1015.2	890.1	777.0
45°	3258.4	3038.3	2804.0	2553.8	2323.6	2170.6	2048.2	1818.7	1597.4	1448.1	1190.6
42.5°	4271.8	4090.7	3850.2	3494.3	3150.8	2894.3	2698.8	2509.4	2280.8	2064.2	1808.1
40°	5133.4	4885.5	4653.3	4387.7	3998.6	3591.5	3364.9	3116.5	2882.4	2637.9	2378.5
37.5°	5950.7	5611.0	5391.4	5110.4	4770.2	4413.8	4078.9	3775.7	3448.4	3174.0	2879.1
35°	6838.4	6482.9	6212.0	5897.8	5508.9	5202.6	4838.7	4459.8	4091.8	3715.9	3379.3
32.5°	7950.0	7604.0	7186.3	6796.4	6426.9	6018.6	5594.5	5148.2	4757.8	4319.5	3891.7
30°	9435.1	8949.7	8409.7	7878.6	7473.2	6963.5	6382.0	5932.4	5464.1	4945.2	4420.0
27.5°	11283.0	10510.3	9836.0	9268.6	8643.9	8022.3	7375.8	6762.2	6206.2	5611.4	4999.9
25°	13325.1	12449.1	11576.7	10832.3	10027.0	9200.3	8430.2	7690.5	6997.0	6300.0	5549.7
22.5°	15408.1	14467.7	13512.0	12505.7	11491.9	10508.0	9576.7	8631.6	7788.8	6964.9	6135.7
20°	17559.0	16429.1	15350.3	14191.6	12970.1	11775.2	10741.1	9624.9	8596.8	7639.4	6717.0
17.5°	19784.9	18383.0	17049.8	15743.0	14402.8	13088.6	11791.4	10559.8	9396.9	8301.8	7279.7
15°	21916.7	20278.6	18743.6	17240.9	15728.9	14207.4	12737.7	11406.1	10184.9	8976.0	7832.8
12.5°	23678.2	22010.3	20348.3	18566.8	16871.5	15240.6	13670.8	12219.1	10888.0	9551.6	8299.5
10°	25160.6	23402.6	21599.5	19754.4	17937.7	16191.7	14496.6	12880.1	11395.5	10018.7	8716.8
7.5°	26277.0	24486.5	22660.7	20761.7	18850.9	16987.4	15169.5	13443.3	11847.3	10413.3	9082.4
5°	27117.7	25310.0	23416.1	21505.4	19601.2	17678.0	15749.9	13929.5	12236.1	10736.8	9394.1
2.5°	27753.0	25899.6	23961.1	22058.0	20182.6	18233.9	16223.5	14324.7	12599.2	11027.9	9598.7
0°	28138.0	26273.8	24313.6	22386.9	20494.8	18608.3	16578.9	14616.5	12906.4	11264.3	9747.3
-2.5°	28322.3	26460.7	24444.3	22459.6	20561.2	18683.5	16773.3	14868.1	13100.2	11488.6	9954.2
-5°	28331.0	26475.7	24491.1	22523.5	20590.9	18720.0	16840.9	14998.0	13230.7	11635.4	10098.1
-7.5°	28163.5	26338.0	24377.1	22422.0	20508.4	18656.2	16795.5	15018.4	13308.6	11690.3	10169.7
-10°	27879.7	26090.8	24154.8	22195.6	20313.5	18460.6	16658.7	14962.7	13290.3	11673.9	10180.2
-12.5°	27275.8	25608.8	23747.8	21825.6	19985.2	18157.8	16432.6	14820.9	13172.2	11587.8	10130.5
-15°	26571.2	24945.8	23145.5	21324.4	19522.2	17775.1	16111.8	14533.9	12931.6	11428.0	10021.8
-17.5°	25625.6	24119.3	22406.6	20715.4	18988.4	17314.4	15709.4	14169.2	12653.8	11198.5	9821.0
-20°	24501.5	23049.4	21592.7	20021.4	18372.6	16771.7	15214.2	13760.7	12322.3	10906.1	9582.9



REPORT NUMBER: P1306108 (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°	23279.7	21964.6	20595.1	19164.2	17677.5	16160.8	14691.4	13297.5	11926.8	10533.7	9296.5
-25°	21989.7	20797.7	19522.7	18215.8	16873.2	15470.7	14096.5	12767.0	11440.2	10136.4	8968.7
-27.5°	20650.6	19553.8	18451.7	17239.2	15990.4	14724.7	13445.1	12176.4	10904.1	9731.8	8626.2
-30°	19276.5	18302.0	17309.2	16260.3	15089.7	13903.4	12733.3	11557.2	10391.1	9285.8	8238.5
-32.5°	17875.6	17025.8	16130.1	15210.3	14151.9	13051.6	11982.5	10926.7	9846.0	8823.1	7856.8
-35°	16486.3	15754.1	14957.3	14100.0	13184.9	12196.7	11206.3	10245.3	9294.7	8333.4	7444.7
-37.5°	15154.0	14514.4	13783.7	12991.5	12192.5	11334.9	10442.8	9567.4	8694.4	7844.5	7011.6
-40°	13832.2	13251.4	12632.8	11925.1	11213.8	10483.7	9694.0	8883.4	8100.8	7334.1	6559.8
-42.5°	12554.0	12048.4	11511.9	10900.0	10259.9	9629.7	8949.7	8217.5	7494.9	6798.6	6123.8
-45°	11333.4	10893.8	10416.0	9907.9	9345.1	8784.2	8202.6	7545.8	6888.0	6272.6	5665.1
-47.5°	10165.6	9787.1	9374.3	8952.7	8465.1	7955.6	7439.7	6869.9	6307.7	5743.4	5217.2
-50°	9044.9	8724.7	8380.9	8026.4	7623.4	7167.2	6711.1	6244.5	5737.7	5249.1	4768.0
-52.5°	7975.8	7729.8	7461.4	7161.8	6831.7	6439.5	6027.2	5632.2	5197.8	4767.7	4340.2
-55°	7063.4	6840.1	6616.3	6366.1	6093.4	5757.2	5404.3	5050.8	4693.9	4300.4	3929.7
-57.5°	6229.6	6022.2	5835.1	5626.4	5396.8	5117.1	4818.0	4507.3	4201.5	3862.1	3524.8
-60°	5465.8	5268.6	5111.0	4937.6	4748.7	4516.7	4262.1	3994.6	3714.8	3436.9	3151.5
-62.5°	4742.0	4569.6	4436.9	4298.3	4146.4	3966.1	3737.7	3511.1	3274.5	3027.9	2795.5
-65°	4087.2	3940.6	3821.0	3711.8	3591.6	3457.5	3257.5	3060.1	2864.1	2662.3	2454.7
-67.5°	3499.6	3375.2	3272.8	3179.3	3083.8	2978.1	2819.9	2647.7	2481.5	2316.6	2141.2
-70°	2968.8	2866.9	2779.2	2701.1	2619.8	2534.1	2412.2	2271.5	2127.7	1987.1	1840.6
-72.5°	2486.8	2403.7	2328.5	2265.5	2195.6	2124.8	2031.8	1916.2	1797.0	1674.4	1551.9
-75°	2039.7	1972.4	1909.1	1859.9	1806.2	1748.2	1676.9	1582.9	1487.6	1391.4	1293.5
-77.5°	1624.4	1572.6	1522.4	1486.1	1446.1	1402.4	1347.9	1273.3	1203.2	1131.7	1058.6
-80°	1252.6	1214.6	1177.1	1154.0	1129.0	1102.2	1069.2	1012.1	953.7	897.0	842.9
-82.5°	935.6	909.5	883.4	871.3	857.3	841.3	821.3	779.9	737.9	695.3	652.5
-85°	690.2	672.2	654.1	647.0	638.9	629.9	619.1	592.0	564.3	536.3	507.8
-87.5°	528.8	515.4	502.0	496.8	491.4	485.9	480.0	461.8	443.5	425.2	406.9
-90°	3.9	4.2	4.5	4.8	5.1	5.3	5.6	5.9	6.2	6.4	6.7



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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°	338.8	322.6	306.4	290.2	273.8	257.3	240.9	224.4	205.7	187.0	168.3
87.5°	12.3	13.0	13.7	14.2	14.0	13.7	13.4	13.0	13.5	13.9	14.1
85°	26.0	24.5	23.3	22.4	21.2	19.5	18.9	18.2	19.0	19.5	19.6
82.5°	47.0	42.9	39.1	36.0	35.0	33.5	31.4	28.9	27.4	25.5	25.1
80°	63.1	57.7	52.6	48.5	48.0	47.6	45.4	42.7	40.4	37.6	34.2
77.5°	80.0	72.6	65.3	60.0	58.3	56.9	55.6	55.2	53.4	49.7	45.3
75°	97.7	89.1	80.5	74.6	71.3	66.0	63.7	63.9	65.8	62.0	56.3
72.5°	115.9	106.8	96.7	91.0	89.1	84.4	76.7	73.8	78.6	76.9	68.7
70°	132.2	124.8	115.0	112.5	110.2	104.0	96.8	94.8	92.7	92.6	85.2
67.5°	147.1	140.5	131.9	135.5	135.1	129.5	118.5	119.5	118.7	109.2	102.4
65°	151.8	152.2	150.3	159.8	161.9	156.8	146.3	148.0	146.0	136.6	120.1
62.5°	156.6	160.8	168.3	185.6	190.9	186.9	177.5	183.6	176.1	164.8	144.7
60°	161.9	170.0	190.5	212.3	221.8	219.3	217.2	221.5	214.1	193.9	172.4
57.5°	179.7	183.3	220.0	245.0	255.7	254.5	261.7	265.8	254.0	230.6	201.1
55°	208.8	222.7	263.8	286.8	296.5	293.4	313.0	315.3	297.3	270.3	231.9
52.5°	266.0	297.9	333.3	345.8	347.3	347.9	374.6	368.5	348.8	311.3	270.7
50°	394.3	422.3	441.1	433.7	410.4	430.4	443.7	435.5	402.9	356.1	311.2
47.5°	665.0	653.4	605.2	552.5	510.4	527.7	535.6	509.4	459.9	408.4	352.6
45°	1082.0	985.6	855.9	743.2	653.8	663.7	643.7	589.3	533.4	464.9	394.8
42.5°	1535.4	1390.1	1225.0	959.2	874.7	821.8	763.9	696.7	611.3	523.2	442.6
40°	2067.7	1817.6	1626.5	1339.9	1110.1	994.7	918.4	816.2	692.9	586.8	494.5
37.5°	2570.9	2264.6	2025.3	1699.1	1369.8	1213.4	1086.0	944.0	780.3	657.8	547.1
35°	3035.9	2698.9	2365.5	2023.2	1679.1	1432.9	1263.1	1086.7	882.0	728.1	600.3
32.5°	3490.9	3099.2	2711.9	2328.8	1963.4	1652.6	1455.9	1212.3	979.6	797.7	653.9
30°	3958.7	3501.7	3056.8	2624.5	2228.2	1897.4	1629.8	1330.1	1072.9	866.3	708.7
27.5°	4428.4	3898.9	3402.8	2929.1	2491.0	2121.5	1762.7	1439.8	1161.8	938.0	765.8
25°	4909.8	4317.5	3759.8	3233.6	2743.0	2294.1	1890.1	1542.0	1252.4	1013.5	821.5
22.5°	5399.3	4742.1	4107.2	3530.3	2952.3	2467.9	2023.7	1649.5	1339.9	1085.0	875.4
20°	5859.9	5160.3	4432.4	3768.4	3159.0	2647.8	2165.8	1750.8	1420.5	1152.3	927.4
17.5°	6304.0	5536.5	4721.2	4001.6	3359.2	2813.1	2304.3	1845.7	1494.3	1215.2	977.3
15°	6763.7	5866.1	5000.6	4215.9	3541.9	2963.8	2437.7	1933.7	1561.3	1273.8	1019.2
12.5°	7175.2	6186.4	5261.5	4410.6	3706.6	3099.8	2564.6	2014.4	1621.7	1325.4	1051.9
10°	7541.4	6491.8	5500.8	4584.4	3852.9	3221.2	2683.2	2096.6	1692.6	1371.8	1082.3
7.5°	7861.9	6776.4	5715.3	4736.7	3981.9	3322.0	2773.1	2190.3	1762.9	1414.8	1110.0
5°	8125.6	7011.9	5921.3	4912.4	4101.2	3404.0	2842.0	2276.0	1829.1	1453.8	1134.7
2.5°	8297.5	7172.4	6105.9	5075.6	4203.4	3473.2	2894.3	2353.2	1890.1	1488.4	1155.8
0°	8424.5	7290.4	6255.6	5215.2	4286.5	3528.5	2932.5	2421.2	1944.6	1518.1	1173.2
-2.5°	8588.1	7406.0	6349.0	5325.8	4402.7	3626.6	2997.3	2464.2	1982.8	1555.1	1202.0
-5°	8700.8	7481.7	6409.9	5409.1	4496.6	3707.4	3049.2	2497.4	2013.4	1586.4	1226.4
-7.5°	8779.6	7542.8	6450.6	5464.3	4567.1	3768.5	3086.8	2520.6	2036.5	1611.7	1246.0
-10°	8809.8	7575.7	6472.5	5480.7	4589.3	3797.3	3109.0	2533.8	2052.1	1630.6	1260.7
-12.5°	8785.8	7560.0	6455.7	5467.3	4582.5	3796.7	3117.4	2544.1	2060.9	1643.2	1270.3
-15°	8707.2	7493.7	6398.8	5423.9	4550.6	3777.2	3111.8	2546.6	2064.6	1647.4	1274.4
-17.5°	8567.0	7375.6	6301.1	5350.2	4493.3	3738.9	3092.3	2537.2	2059.2	1642.7	1271.5
-20°	8369.1	7220.4	6167.7	5246.2	4410.4	3681.6	3058.9	2515.5	2044.5	1630.7	1262.1



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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°	8132.7	7044.1	6039.6	5129.0	4313.5	3605.5	3011.6	2481.4	2020.3	1611.2	1247.7
-25°	7855.9	6837.5	5877.8	5001.3	4212.2	3538.3	2957.3	2434.8	1986.6	1584.2	1228.3
-27.5°	7581.6	6607.9	5679.2	4848.3	4104.3	3456.6	2895.3	2389.0	1945.8	1549.6	1203.9
-30°	7294.2	6357.9	5478.0	4680.8	3975.0	3363.8	2818.7	2332.5	1900.8	1513.2	1174.4
-32.5°	6958.9	6068.6	5259.1	4518.2	3846.0	3251.6	2727.8	2264.6	1846.6	1474.3	1146.3
-35°	6590.6	5777.6	5018.9	4332.9	3702.2	3137.8	2630.5	2185.4	1783.2	1429.7	1115.9
-37.5°	6199.1	5467.9	4793.8	4136.8	3534.4	3007.6	2532.7	2103.3	1710.8	1379.4	1081.3
-40°	5834.5	5149.4	4523.9	3929.0	3367.3	2861.4	2422.6	2016.7	1642.9	1323.7	1042.7
-42.5°	5445.1	4830.3	4248.3	3691.5	3190.3	2726.5	2302.7	1922.0	1575.7	1270.8	1000.0
-45°	5071.9	4498.1	3959.9	3467.8	3001.9	2579.1	2188.9	1821.8	1500.4	1217.2	956.3
-47.5°	4683.4	4167.4	3680.3	3228.1	2824.3	2426.1	2066.6	1727.4	1417.3	1159.1	912.6
-50°	4307.7	3839.6	3402.5	3000.8	2625.5	2282.4	1939.2	1623.5	1342.7	1094.2	864.6
-52.5°	3928.9	3521.1	3132.9	2769.6	2441.0	2130.2	1811.4	1512.7	1261.6	1028.5	812.5
-55°	3559.7	3214.4	2866.6	2548.1	2251.3	1969.3	1673.5	1412.9	1174.3	959.9	757.4
-57.5°	3215.2	2908.6	2612.5	2327.4	2056.3	1795.3	1543.0	1306.2	1087.7	886.8	708.5
-60°	2875.2	2621.1	2358.8	2103.7	1855.8	1627.8	1414.4	1196.3	997.9	812.2	654.9
-62.5°	2562.6	2333.3	2107.4	1875.2	1664.9	1469.9	1281.0	1087.7	903.2	744.5	597.8
-65°	2258.0	2056.4	1852.3	1665.6	1483.4	1310.5	1149.4	973.8	817.0	673.5	542.1
-67.5°	1960.6	1792.9	1626.3	1459.3	1307.4	1159.5	1011.9	868.5	730.5	599.4	494.2
-70°	1691.3	1542.4	1405.7	1272.8	1138.8	1007.8	889.0	764.8	640.5	540.0	444.5
-72.5°	1434.8	1318.5	1203.4	1087.8	980.5	873.5	766.9	662.6	568.9	479.0	393.1
-75°	1193.9	1103.9	1015.9	925.7	831.0	738.0	658.0	578.4	495.7	416.3	349.9
-77.5°	984.4	910.3	836.5	767.9	696.0	626.3	558.9	492.0	425.0	365.4	308.8
-80°	789.3	735.5	681.7	627.2	569.0	512.9	465.6	417.9	365.1	314.7	266.7
-82.5°	610.6	574.0	538.6	502.4	463.0	424.0	385.4	346.9	304.1	263.0	231.4
-85°	480.1	451.9	423.4	394.5	364.2	334.2	312.1	289.7	263.1	236.8	210.7
-87.5°	388.9	370.9	352.6	334.2	315.1	295.9	276.6	257.2	234.6	212.0	189.7
-90°	7.0	7.3	7.5	7.8	7.8	7.8	7.8	7.8	8.1	8.4	8.6



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	149.6	123.9	98.3	72.6	46.9	27.4	7.8
87.5°	14.1	13.7	13.1	12.3	11.3	9.9	7.8
85°	19.3	18.4	17.2	15.7	13.8	11.5	7.8
82.5°	24.5	23.2	21.4	19.1	16.2	13.0	7.8
80°	30.3	28.0	25.6	22.4	18.6	14.6	7.8
77.5°	40.4	34.7	29.7	25.8	21.1	16.1	7.8
75°	50.7	45.0	34.9	29.1	23.6	17.6	7.8
72.5°	61.2	55.5	44.6	32.5	26.0	19.2	7.8
70°	72.9	66.1	54.3	36.8	28.5	20.7	7.8
67.5°	90.7	76.9	64.2	45.0	31.1	22.2	7.8
65°	109.1	91.0	74.0	53.2	33.6	23.7	7.8
62.5°	127.9	108.6	84.0	61.4	36.1	25.2	7.8
60°	147.3	126.3	94.0	69.6	38.7	26.6	7.8
57.5°	174.0	144.4	109.3	77.7	44.6	28.1	7.8
55°	202.0	162.8	124.9	85.8	50.5	29.5	7.8
52.5°	230.6	182.4	140.6	93.9	56.3	30.9	7.8
50°	259.7	207.5	156.2	101.9	62.0	32.3	7.8
47.5°	290.2	232.7	171.9	110.8	67.6	33.7	7.8
45°	326.8	257.9	187.6	122.6	73.1	35.0	7.8
42.5°	363.6	283.2	203.2	134.3	78.5	36.4	7.8
40°	400.6	308.6	221.0	145.8	83.7	37.6	7.8
37.5°	437.7	333.8	240.6	157.1	88.7	38.9	7.8
35°	474.8	362.1	260.0	167.9	93.6	40.1	7.8
32.5°	513.8	391.5	278.9	178.4	98.3	41.2	7.8
30°	557.3	420.5	297.5	188.4	102.8	42.4	7.8
27.5°	600.2	448.9	314.3	198.0	107.2	43.4	7.8
25°	642.4	476.5	330.3	207.1	111.3	44.5	7.8
22.5°	683.7	502.0	345.4	215.8	115.2	45.4	7.8
20°	723.9	523.2	359.6	223.9	118.9	46.4	7.8
17.5°	755.4	542.8	372.8	231.4	122.3	47.2	7.8
15°	780.0	560.8	385.1	238.4	125.4	48.0	7.8
12.5°	801.6	577.1	396.3	244.8	128.3	48.7	7.8
10°	820.4	591.7	406.5	250.5	131.0	49.4	7.8
7.5°	836.4	604.4	415.5	255.6	133.3	50.0	7.8
5°	849.5	615.4	423.3	260.1	135.3	50.5	7.8
2.5°	859.8	624.5	429.9	263.8	137.0	50.9	7.8
0°	867.3	631.8	435.3	266.8	138.4	51.3	7.8
-2.5°	888.2	643.6	442.4	270.8	140.5	52.3	7.8
-5°	906.0	653.3	448.2	274.1	142.3	53.2	7.8
-7.5°	920.5	661.0	452.5	276.6	143.8	54.1	7.8
-10°	931.4	666.4	455.4	278.3	144.9	54.8	7.8
-12.5°	938.5	669.6	456.8	279.2	145.6	55.4	7.8
-15°	941.6	670.3	456.7	279.2	146.0	56.0	7.8
-17.5°	940.3	668.6	454.9	278.3	146.0	56.4	7.8
-20°	935.2	664.3	451.6	276.6	145.7	56.8	7.8



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	926.9	657.4	446.6	274.1	145.0	57.0	7.8
-25°	915.1	650.7	439.9	270.6	143.9	57.2	7.8
-27.5°	899.6	642.3	431.6	266.2	142.5	57.2	7.8
-30°	880.5	631.2	421.9	261.0	140.7	57.2	7.8
-32.5°	857.8	617.2	413.0	254.9	138.6	57.0	7.8
-35°	836.6	600.4	402.3	247.9	136.1	56.7	7.8
-37.5°	814.0	582.5	389.9	240.0	133.2	56.4	7.8
-40°	787.7	565.2	375.7	231.3	130.0	55.9	7.8
-42.5°	757.7	545.5	362.5	222.2	126.5	55.3	7.8
-45°	724.2	523.4	350.7	213.3	122.6	54.6	7.8
-47.5°	687.2	499.1	337.4	203.4	118.4	53.8	7.8
-50°	653.6	472.5	322.8	196.5	113.9	52.9	7.8
-52.5°	618.3	443.7	306.8	190.0	109.1	51.9	7.8
-55°	580.2	420.0	289.5	182.8	103.9	50.9	7.8
-57.5°	539.5	395.9	271.0	174.9	98.5	49.7	7.8
-60°	497.6	370.2	251.7	166.4	92.8	48.4	7.8
-62.5°	463.3	342.9	238.3	157.2	89.9	47.0	7.8
-65°	427.1	314.2	224.0	147.4	86.8	45.6	7.8
-67.5°	389.1	288.7	208.8	137.1	83.5	44.1	7.8
-70°	349.5	266.8	192.8	126.2	80.0	42.5	7.8
-72.5°	317.9	243.7	176.0	119.5	76.3	40.8	7.8
-75°	286.5	219.7	158.5	113.5	72.5	39.1	7.8
-77.5°	254.0	194.8	147.9	107.2	68.5	37.2	7.8
-80°	220.4	177.8	138.6	100.7	64.4	35.4	7.8
-82.5°	201.8	164.8	128.9	94.0	60.2	33.4	7.8
-85°	184.8	151.5	118.9	87.0	55.9	31.5	7.8
-87.5°	167.4	137.9	108.7	79.9	51.4	29.4	7.8
-90°	8.9	8.9	8.9	8.9	8.9	8.4	7.8

(END OF REPORT)