

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: P1306180 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-80-7F-VHE-A**

Issue Date: 2/3/2026

Test Information

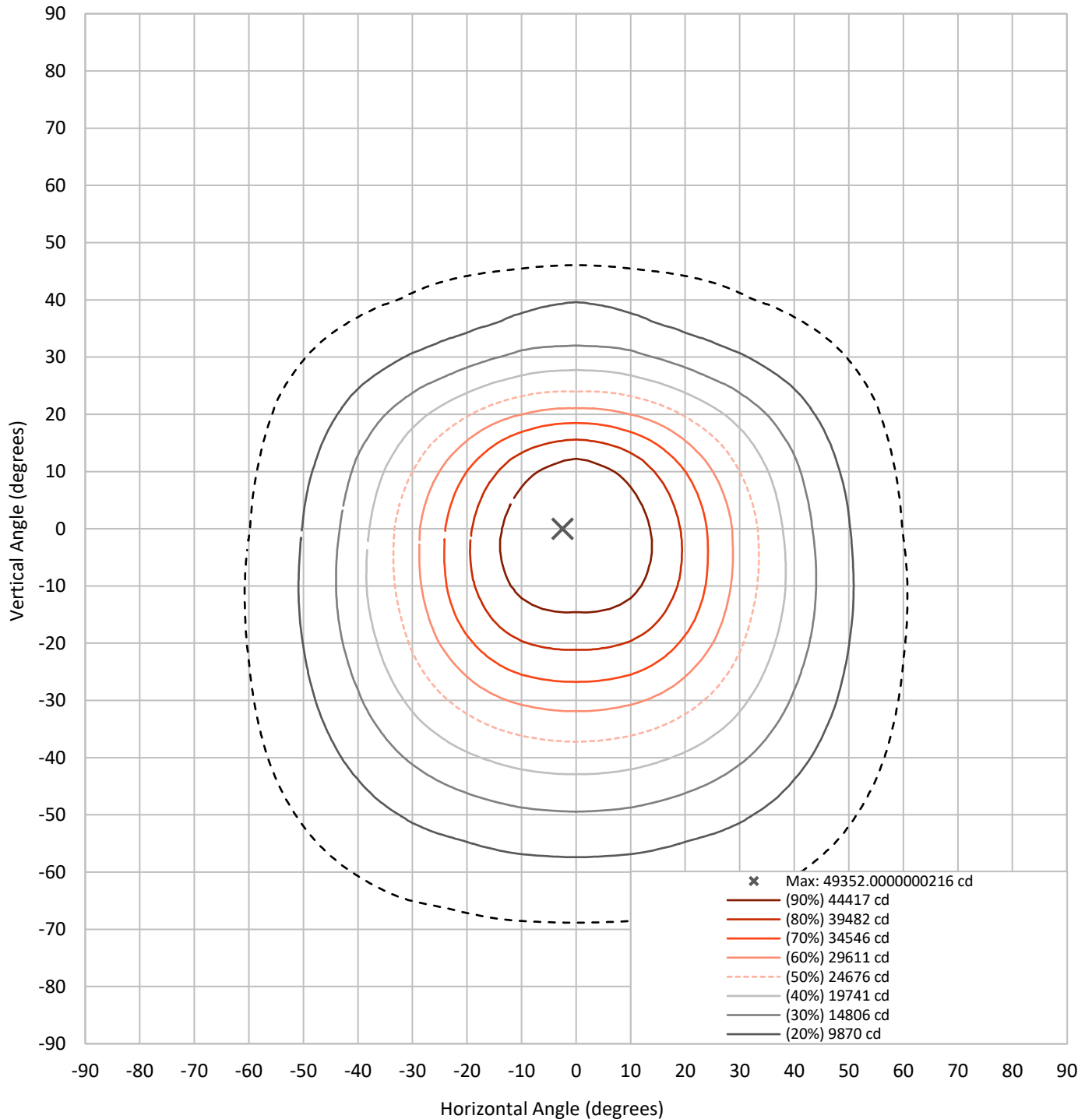
Test Method: LM-79-08
Report Number: P1306180 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-6)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-80-7F-VHE-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 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:	65656.3 lumens	Max Intensity:	49352 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	118.5 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:	35648.2 lumens	Field Lumens:	61525.9 lumens
Beam Efficiency:	54.3%	Field Efficiency:	93.7%
Input Watts (W):	554		
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





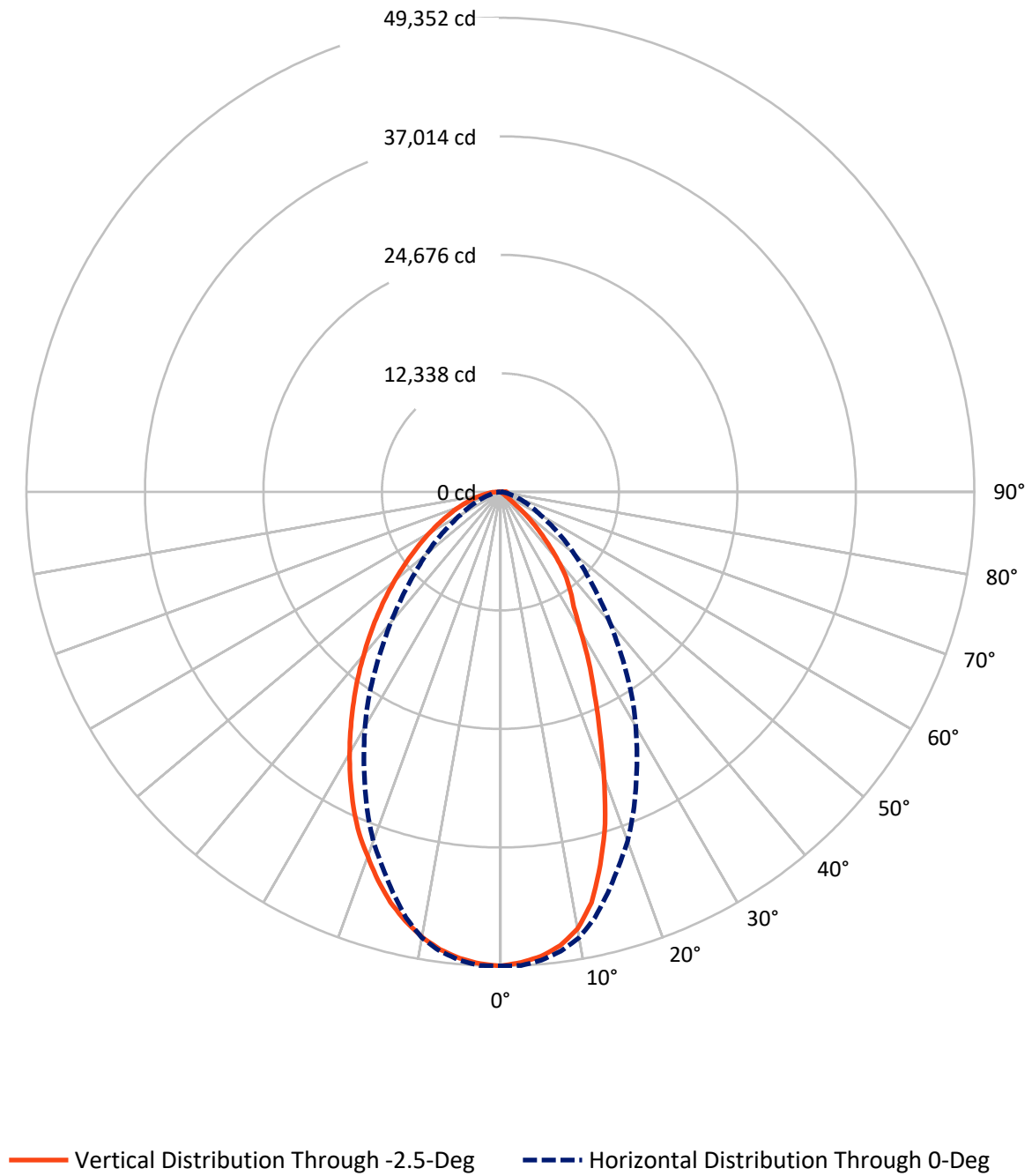
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Lumen Table

90																			
80	1.1	5.4		12.2		15.3		16.7		15.3		12.2		5.4		1.1			
70																			
60	3.9	2.7	3.8	4.2	3.2	1.9	1.3	1.1	1.1	1.3	1.9	3.2	4.2	3.8	2.7	3.9			
50		5.5	7.0	7.1	7.9	10.3	14.1	15.8	15.8	14.1	10.3	7.9	7.1	7.0	5.5				
40	10.1	10.6	19.8	39.2	68.5	106.0	141.9	167.3	167.3	141.9	106.0	68.5	39.2	19.8	10.6	10.1			
30		19.4	49.2	100.9	166.8	239.9	314.5	379.7	379.7	314.5	239.9	166.8	100.9	49.2	19.4				
20	18.0	28.7	79.0	167.0	292.6	445.2	602.4	703.4	703.4	602.4	445.2	292.6	167.0	79.0	28.7	18.0			
10		36.4	104.1	234.1	439.3	708.5	989.4	1178.6	1178.6	989.4	708.5	439.3	234.1	104.1	36.4				
0	22.7	42.3	122.1	280.8	541.7	882.8	1217.8	1436.8	1436.8	1217.8	882.8	541.7	280.8	122.1	42.3	22.7			
-10		46.0	132.8	302.7	578.0	926.5	1266.6	1455.1	1455.1	1266.6	926.5	578.0	302.7	132.8	46.0				
-20	24.0	47.1	133.2	299.3	554.0	874.2	1170.7	1322.1	1322.1	1170.7	874.2	554.0	299.3	133.2	47.1	24.0			
-30		44.9	122.9	268.4	484.3	739.0	966.5	1083.2	1083.2	966.5	739.0	484.3	268.4	122.9	44.9				
-40	20.0	40.1	106.1	222.2	385.7	566.5	717.7	800.4	800.4	717.7	566.5	385.7	222.2	106.1	40.1	20.0			
-50		33.4	84.7	169.0	280.9	395.7	490.0	543.7	543.7	490.0	395.7	280.9	169.0	84.7	33.4				
-60	12.8	25.8	62.1	117.4	186.5	252.4	307.5	338.5	338.5	307.5	252.4	186.5	117.4	62.1	25.8	12.8			
-70		17.7	40.7	73.5	112.6	147.0	177.0	192.3	192.3	177.0	147.0	112.6	73.5	40.7	17.7				
-80	5.7	47.3		132.5		216.1		251.8		216.1		132.5		47.3		5.7			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

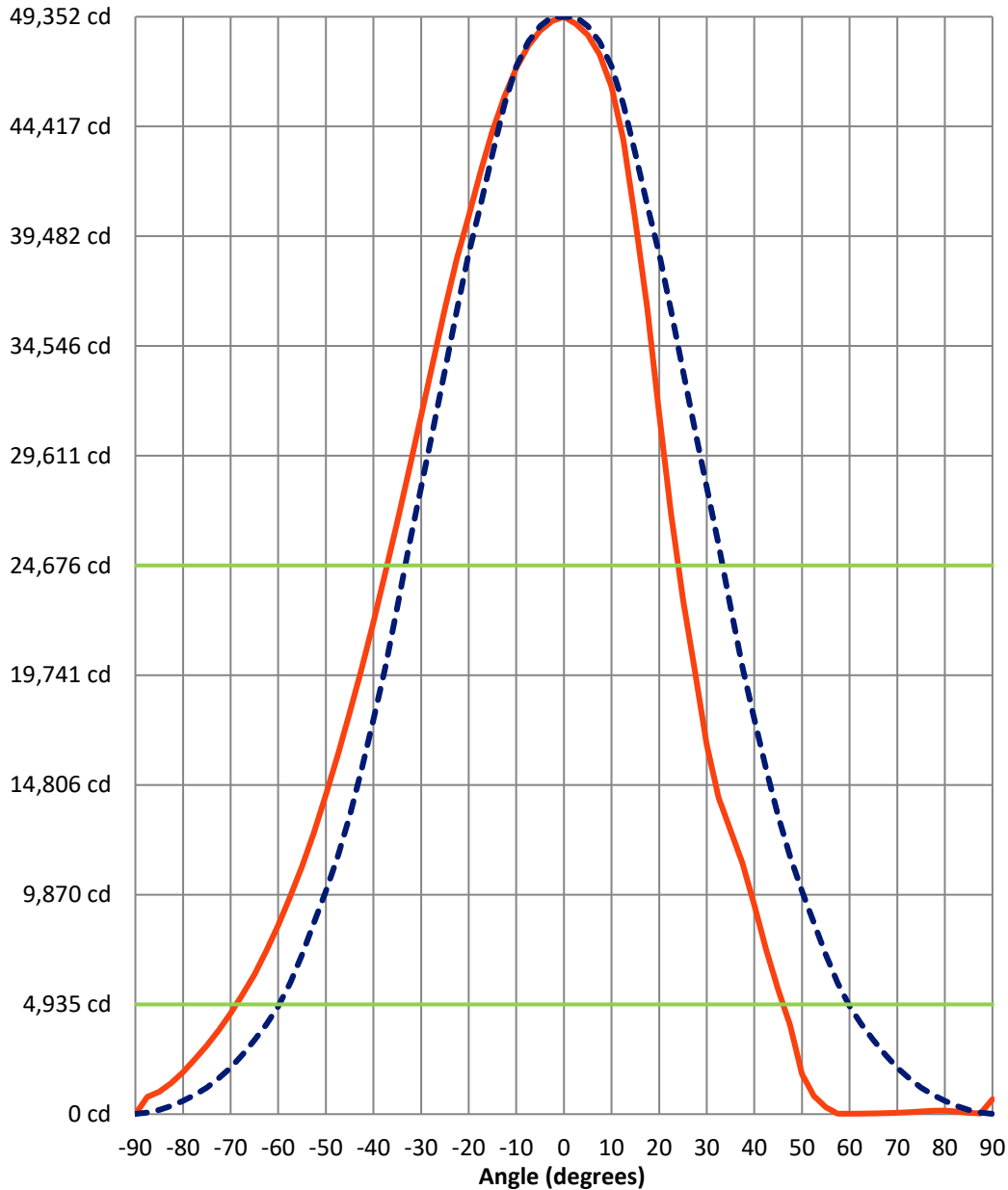
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 66.6°
 V Angle: 61.2°
 Lumens: 35648.2
 Efficiency: 54.3%

Field:
 H Angle: 119.6°
 V Angle: 114.9°
 Lumens: 61525.9
 Efficiency: 93.7%

Spill:
 Lumens: 4130.4
 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°	10.7	37.6	64.5	99.8	135.1	170.4	205.7	231.4	257.2	282.9	308.6
87.5°	10.7	13.6	15.6	17.0	18.0	18.9	19.4	19.4	19.1	18.6	17.9
85°	10.7	15.8	19.0	21.6	23.8	25.4	26.6	26.9	26.8	26.1	25.1
82.5°	10.7	17.9	22.3	26.3	29.5	32.0	33.8	34.5	35.1	37.7	39.7
80°	10.7	20.0	25.7	30.9	35.2	38.6	41.8	47.1	51.7	55.5	58.7
77.5°	10.7	22.2	29.1	35.5	40.9	47.8	55.6	62.2	68.3	73.5	75.9
75°	10.7	24.3	32.5	40.2	48.0	62.0	69.7	77.4	85.3	90.5	88.0
72.5°	10.7	26.4	35.9	44.8	61.4	76.3	84.2	94.4	105.8	108.1	101.5
70°	10.7	28.5	39.3	50.6	74.8	90.9	100.2	117.2	127.3	127.4	130.3
67.5°	10.7	30.6	42.8	61.9	88.3	105.7	124.8	140.8	150.2	163.3	164.4
65°	10.7	32.6	46.3	73.2	101.8	125.2	150.0	165.1	187.8	200.7	203.5
62.5°	10.7	34.7	49.8	84.5	115.5	149.3	175.9	198.9	226.6	242.2	252.5
60°	10.7	36.7	53.3	95.7	129.3	173.7	202.5	237.0	266.6	294.5	304.6
57.5°	10.7	38.7	61.5	106.9	150.3	198.6	239.2	276.6	317.1	349.2	365.5
55°	10.7	40.7	69.6	118.1	171.8	223.8	277.8	318.9	371.7	408.8	433.6
52.5°	10.7	42.6	77.6	129.1	193.3	250.9	317.1	372.3	428.1	479.6	506.8
50°	10.7	44.5	85.4	140.1	214.9	285.3	357.1	428.0	489.6	554.1	598.9
47.5°	10.7	46.4	93.1	152.4	236.4	319.9	399.1	484.9	561.5	632.5	700.6
45°	10.7	48.2	100.6	168.7	258.0	354.7	449.4	542.9	639.3	733.6	810.5
42.5°	10.7	50.0	108.0	184.7	279.5	389.5	500.0	608.6	719.5	840.8	958.2
40°	10.7	51.8	115.1	200.6	303.9	424.3	550.8	680.0	807.0	953.0	1122.4
37.5°	10.7	53.5	122.1	216.0	330.9	459.1	601.9	752.4	904.6	1073.1	1298.2
35°	10.7	55.2	128.8	230.9	357.5	497.9	652.9	825.6	1001.4	1213.0	1494.4
32.5°	10.7	56.8	135.3	245.3	383.6	538.4	706.6	899.3	1097.1	1347.2	1667.1
30°	10.7	58.3	141.5	259.1	409.0	578.2	766.3	974.6	1191.4	1475.5	1829.1
27.5°	10.7	59.8	147.4	272.3	432.2	617.2	825.4	1053.2	1290.0	1597.6	1980.1
25°	10.7	61.2	153.1	284.9	454.2	655.2	883.5	1129.7	1393.9	1722.3	2120.7
22.5°	10.7	62.5	158.5	296.7	474.9	690.4	940.3	1203.9	1492.1	1842.6	2268.4
20°	10.7	63.8	163.5	307.9	494.5	719.5	995.5	1275.4	1584.6	1953.5	2407.8
17.5°	10.7	65.0	168.2	318.3	512.7	746.5	1038.9	1344.0	1671.2	2054.9	2538.3
15°	10.7	66.1	172.6	327.9	529.6	771.3	1072.6	1401.6	1751.8	2147.1	2659.3
12.5°	10.7	67.1	176.6	336.6	545.1	793.7	1102.4	1446.6	1822.8	2230.1	2770.3
10°	10.7	68.0	180.2	344.5	559.0	813.7	1128.3	1488.4	1886.5	2327.7	2883.4
7.5°	10.7	68.8	183.4	351.5	571.4	831.3	1150.3	1526.5	1945.6	2424.3	3012.2
5°	10.7	69.5	186.1	357.6	582.2	846.4	1168.3	1560.4	1999.4	2515.4	3130.1
2.5°	10.7	70.1	188.5	362.8	591.3	858.9	1182.5	1589.5	2047.0	2599.2	3236.2
0°	10.7	70.6	190.4	366.9	598.7	868.9	1192.8	1613.4	2087.8	2674.2	3329.7
-2.5°	10.7	72.0	193.3	372.4	608.5	885.1	1221.5	1653.0	2138.7	2726.8	3388.9
-5°	10.7	73.2	195.8	377.0	616.4	898.5	1246.0	1686.5	2181.7	2768.9	3434.5
-7.5°	10.7	74.4	197.8	380.4	622.4	909.0	1265.9	1713.6	2216.5	2800.6	3466.4
-10°	10.7	75.4	199.3	382.7	626.4	916.5	1280.9	1733.8	2242.6	2822.2	3484.5
-12.5°	10.7	76.3	200.3	383.9	628.3	920.8	1290.7	1746.9	2259.8	2834.3	3498.8
-15°	10.7	77.0	200.8	383.9	628.1	921.8	1294.9	1752.6	2265.6	2839.3	3502.2
-17.5°	10.7	77.7	200.8	382.8	625.7	919.4	1293.1	1748.5	2259.1	2831.8	3489.2
-20°	10.7	78.2	200.4	380.4	621.1	913.6	1286.0	1735.7	2242.6	2811.6	3459.4



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	10.7	78.5	199.4	376.9	614.2	904.1	1274.7	1715.8	2215.8	2778.4	3412.6
-25°	10.7	78.7	198.0	372.1	605.0	894.9	1258.4	1689.1	2178.7	2732.0	3348.5
-27.5°	10.7	78.8	196.0	366.1	593.6	883.4	1237.1	1655.5	2131.0	2675.9	3285.5
-30°	10.7	78.7	193.5	358.9	580.2	868.1	1210.8	1615.1	2081.0	2614.0	3207.7
-32.5°	10.7	78.4	190.6	350.5	568.0	848.9	1179.6	1576.4	2027.5	2539.4	3114.3
-35°	10.7	78.1	187.1	340.9	553.3	825.8	1150.5	1534.6	1966.1	2452.3	3005.4
-37.5°	10.7	77.5	183.2	330.0	536.2	801.1	1119.4	1487.1	1897.0	2352.7	2892.4
-40°	10.7	76.9	178.8	318.0	516.7	777.3	1083.2	1433.9	1820.3	2259.4	2773.5
-42.5°	10.7	76.1	174.0	305.6	498.5	750.2	1042.1	1375.2	1747.6	2166.9	2643.2
-45°	10.7	75.1	168.6	293.3	482.2	719.8	996.0	1315.2	1673.9	2063.4	2505.4
-47.5°	10.7	74.0	162.9	279.7	464.0	686.3	945.1	1255.1	1594.1	1949.0	2375.6
-50°	10.7	72.8	156.6	270.2	443.8	649.7	898.9	1189.1	1504.7	1846.5	2232.7
-52.5°	10.7	71.4	150.0	261.3	421.9	610.2	850.3	1117.4	1414.4	1734.9	2080.3
-55°	10.7	70.0	143.0	251.4	398.2	577.5	798.0	1041.7	1320.1	1614.9	1943.1
-57.5°	10.7	68.3	135.5	240.5	372.7	544.5	742.0	974.4	1219.6	1495.9	1796.3
-60°	10.7	66.6	127.7	228.8	346.2	509.1	684.3	900.6	1117.0	1372.3	1645.2
-62.5°	10.7	64.7	123.7	216.2	327.8	471.6	637.2	822.1	1023.9	1242.2	1495.8
-65°	10.7	62.7	119.4	202.7	308.1	432.1	587.4	745.5	926.3	1123.6	1339.2
-67.5°	10.7	60.6	114.8	188.5	287.2	397.1	535.2	679.7	824.4	1004.6	1194.4
-70°	10.7	58.4	110.0	173.6	265.1	366.9	480.6	611.4	742.7	880.9	1051.8
-72.5°	10.7	56.1	105.0	164.3	242.0	335.2	437.3	540.7	658.8	782.5	911.3
-75°	10.7	53.7	99.7	156.1	218.0	302.2	394.1	481.2	572.5	681.7	795.4
-77.5°	10.7	51.2	94.3	147.5	203.4	267.9	349.3	424.7	502.5	584.6	676.6
-80°	10.7	48.6	88.6	138.5	190.6	244.5	303.1	366.8	432.8	502.2	574.7
-82.5°	10.7	46.0	82.8	129.3	177.3	226.7	277.5	318.2	361.7	418.2	477.0
-85°	10.7	43.2	76.8	119.7	163.6	208.4	254.1	289.8	325.6	361.8	398.3
-87.5°	10.7	40.5	70.7	109.9	149.5	189.6	230.1	260.8	291.6	322.6	353.8
-90°	10.7	11.5	12.3	12.3	12.3	12.3	12.3	11.9	11.5	11.1	10.7



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	331.2	353.9	376.5	399.1	421.4	443.7	465.9	488.2	508.9	529.7	550.4
87.5°	18.3	18.8	19.2	19.5	18.8	17.9	16.9	15.7	17.0	18.4	19.9
85°	26.0	26.8	29.1	30.8	32.0	33.6	35.7	38.1	42.6	47.1	51.5
82.5°	43.2	46.1	48.2	49.4	53.7	59.0	64.7	70.0	75.0	79.9	84.5
80°	62.5	65.5	66.1	66.8	72.4	79.4	86.7	94.4	100.6	106.2	111.6
77.5°	76.5	78.2	80.2	82.6	89.8	99.9	110.0	120.2	127.7	133.7	139.1
75°	87.6	90.7	98.0	102.6	110.8	122.5	134.4	145.8	153.2	157.4	160.1
72.5°	105.5	116.1	122.6	125.1	133.0	146.9	159.4	170.5	176.3	175.4	171.8
70°	133.2	143.0	151.5	154.6	158.1	171.6	181.8	189.7	193.2	186.3	172.5
67.5°	163.0	178.1	185.8	186.3	181.4	193.2	202.3	201.1	195.0	179.8	161.7
65°	201.2	215.6	222.6	219.7	206.7	209.3	208.7	203.2	189.2	168.4	146.6
62.5°	244.1	257.0	262.5	255.2	231.4	221.1	215.3	201.3	179.9	159.4	138.9
60°	298.7	301.6	305.1	292.0	262.0	233.7	222.6	208.7	185.8	157.7	140.9
57.5°	359.9	350.0	351.7	337.0	302.5	252.0	247.0	229.2	209.9	172.9	155.6
55°	430.4	403.5	407.8	394.4	362.7	306.3	287.1	284.6	257.5	228.4	196.4
52.5°	515.1	478.5	477.6	475.5	458.4	409.7	365.8	396.3	413.4	381.0	401.6
50°	610.3	592.0	564.5	596.5	606.6	580.8	542.3	627.5	730.2	777.2	776.0
47.5°	736.6	725.8	702.0	759.9	832.3	898.6	914.6	1068.6	1224.1	1396.1	1416.6
45°	885.3	912.7	899.2	1022.1	1177.1	1355.5	1488.0	1637.3	1991.5	2196.9	2501.2
42.5°	1050.5	1130.3	1202.9	1319.1	1684.7	1911.7	2111.5	2486.5	2838.8	3136.7	3451.1
40°	1263.0	1368.0	1526.7	1842.7	2236.9	2499.6	2843.6	3271.0	3627.7	3964.0	4285.9
37.5°	1493.4	1668.8	1883.8	2336.8	2785.3	3114.4	3535.6	3959.6	4365.1	4742.4	5192.4
35°	1737.0	1970.6	2309.2	2782.5	3253.1	3711.6	4175.2	4647.4	5110.2	5627.2	6133.3
32.5°	2002.2	2272.8	2700.2	3202.7	3729.6	4262.2	4800.9	5352.0	5940.3	6543.1	7080.1
30°	2241.4	2609.4	3064.3	3609.4	4203.9	4815.7	5444.2	6078.6	6800.8	7514.4	8158.5
27.5°	2424.1	2917.7	3425.8	4028.2	4679.6	5361.9	6090.1	6876.1	7717.0	8535.0	9299.7
25°	2599.4	3154.9	3772.4	4446.9	5170.6	5937.7	6752.2	7632.2	8664.1	9622.5	10576.3
22.5°	2783.1	3394.0	4060.2	4854.9	5648.4	6521.5	7425.3	8438.0	9578.4	10711.4	11870.6
20°	2978.5	3641.3	4344.4	5182.5	6095.6	7096.7	8058.8	9237.5	10506.0	11822.7	13236.6
17.5°	3169.0	3868.7	4619.8	5503.1	6492.8	7614.1	8669.6	10011.4	11417.1	12923.0	14522.3
15°	3352.5	4075.9	4871.0	5797.9	6877.0	8067.4	9301.8	10772.0	12344.2	14006.8	15686.1
12.5°	3527.0	4263.0	5097.4	6065.6	7235.8	8507.8	9867.7	11413.9	13135.9	14973.6	16804.1
10°	3690.1	4430.0	5298.6	6304.7	7564.9	8927.8	10371.3	11987.7	13778.1	15671.5	17713.2
7.5°	3813.7	4568.6	5476.0	6514.1	7859.8	9319.2	10812.1	12490.5	14320.9	16292.9	18487.8
5°	3908.4	4681.3	5640.1	6755.7	8143.2	9643.1	11174.7	12919.3	14765.8	16827.6	19156.4
2.5°	3980.3	4776.5	5780.7	6980.2	8397.0	9863.7	11411.2	13200.6	15166.1	17326.9	19699.9
0°	4032.8	4852.6	5895.0	7172.2	8603.0	10026.1	11585.8	13404.9	15491.2	17749.4	20101.2
-2.5°	4122.0	4987.5	6054.8	7324.3	8731.5	10185.0	11810.7	13689.4	15799.6	18015.9	20447.2
-5°	4193.3	5098.6	6183.9	7438.8	8815.2	10289.1	11965.7	13887.3	16001.5	18195.4	20625.9
-7.5°	4245.0	5182.6	6280.9	7514.7	8871.1	10373.2	12074.0	13985.8	16077.0	18302.6	20653.9
-10°	4275.6	5222.3	6311.4	7537.2	8901.2	10418.5	12115.6	14000.2	16054.4	18277.4	20577.3
-12.5°	4287.2	5221.4	6302.0	7518.9	8878.1	10396.8	12082.7	13931.9	15936.1	18115.0	20382.3
-15°	4279.5	5194.6	6258.2	7459.2	8799.9	10305.7	11974.5	13782.5	15716.4	17784.1	19987.6
-17.5°	4252.7	5141.9	6179.4	7357.9	8665.5	10143.2	11781.8	13506.3	15400.8	17402.1	19486.1
-20°	4206.8	5063.1	6065.4	7214.8	8482.0	9929.8	11509.5	13178.9	14998.7	16946.3	18924.3



REPORT NUMBER: P1306180 (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°	4141.7	4958.4	5932.2	7053.6	8305.9	9687.3	11184.4	12785.0	14486.4	16402.3	18287.4
-25°	4067.0	4866.0	5792.8	6878.1	8083.3	9403.2	10803.7	12334.2	13940.0	15733.1	17557.8
-27.5°	3981.7	4753.6	5644.4	6667.6	7810.2	9087.4	10426.5	11863.1	13383.7	14995.9	16745.5
-30°	3876.3	4626.0	5466.5	6437.2	7533.6	8743.6	10031.3	11329.9	12770.2	14290.3	15894.0
-32.5°	3751.4	4471.8	5289.1	6213.6	7232.5	8345.8	9570.0	10804.9	12133.9	13540.7	15026.9
-35°	3617.6	4315.2	5091.4	5958.8	6902.2	7945.5	9063.6	10238.2	11460.4	12782.4	14089.8
-37.5°	3483.1	4136.1	4860.6	5689.0	6592.7	7519.6	8525.2	9642.7	10788.0	11956.9	13157.5
-40°	3331.7	3935.0	4630.8	5403.3	6221.5	7081.6	8023.9	9021.3	10086.1	11140.5	12216.8
-42.5°	3166.8	3749.6	4387.4	5076.7	5842.4	6642.7	7488.2	8421.7	9349.8	10307.4	11301.1
-45°	3010.3	3546.9	4128.3	4769.0	5445.8	6185.9	6975.0	7790.9	8626.4	9472.7	10377.3
-47.5°	2842.0	3336.5	3884.1	4439.4	5061.3	5731.2	6440.7	7174.9	7898.5	8674.6	9447.7
-50°	2666.8	3138.9	3610.8	4126.9	4679.2	5280.4	5924.1	6557.1	7218.8	7890.7	8587.7
-52.5°	2491.1	2929.6	3357.1	3808.9	4308.4	4842.3	5403.1	5968.7	6556.7	7148.2	7745.6
-55°	2301.5	2708.3	3096.1	3504.2	3942.3	4420.7	4895.5	5404.3	5914.0	6455.2	6946.0
-57.5°	2122.0	2468.9	2828.0	3200.8	3592.9	4000.1	4421.7	4847.4	5311.3	5778.0	6198.5
-60°	1945.2	2238.7	2552.2	2893.1	3244.1	3604.7	3954.1	4334.1	4726.5	5108.7	5493.5
-62.5°	1761.7	2021.5	2289.6	2578.9	2898.2	3208.9	3524.3	3844.5	4164.2	4503.3	4828.6
-65°	1580.7	1802.3	2040.0	2290.6	2547.4	2828.1	3105.4	3375.8	3661.4	3938.9	4208.4
-67.5°	1391.6	1594.6	1798.0	2006.9	2236.5	2465.7	2696.4	2944.8	3185.9	3412.7	3641.2
-70°	1222.6	1386.0	1566.1	1750.4	1933.1	2121.1	2325.9	2531.3	2732.8	2926.1	3123.9
-72.5°	1054.7	1201.3	1348.5	1496.0	1654.9	1813.2	1973.1	2134.2	2302.7	2471.3	2635.3
-75°	905.0	1015.0	1142.9	1273.1	1397.1	1518.1	1641.9	1778.8	1913.6	2045.8	2176.9
-77.5°	768.6	861.4	957.3	1056.1	1150.4	1251.9	1353.8	1455.9	1556.4	1654.7	1751.1
-80°	640.3	705.4	782.6	862.7	937.6	1011.5	1085.4	1159.2	1233.6	1311.5	1391.9
-82.5°	530.0	583.1	636.8	691.0	740.8	789.5	839.8	897.4	956.2	1014.7	1072.5
-85°	429.2	459.6	500.8	542.5	582.3	621.5	660.2	698.3	737.5	776.1	814.1
-87.5°	380.4	407.0	433.4	459.7	484.9	510.0	534.9	559.6	584.8	610.0	635.1
-90°	10.7	10.7	10.7	10.7	10.3	10.0	9.6	9.2	8.8	8.5	8.1



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	571.1	577.6	584.2	590.7	597.2	612.6	627.9	643.3	658.6	662.1	665.5
87.5°	21.5	21.6	21.5	21.5	21.4	24.8	28.4	32.0	35.7	35.3	34.8
85°	55.8	56.7	57.0	57.0	56.8	61.5	66.3	70.9	75.4	72.3	68.9
82.5°	88.9	90.6	92.1	93.7	95.4	100.3	105.1	109.7	114.0	115.4	116.7
80°	116.4	119.4	121.7	123.5	124.8	129.0	133.4	137.7	141.8	146.1	150.5
77.5°	143.0	144.0	143.5	142.1	139.9	140.5	141.4	141.9	142.0	144.2	146.8
75°	161.5	159.4	153.1	145.8	137.6	132.6	128.9	125.0	121.0	120.3	120.6
72.5°	165.6	157.2	146.8	133.9	121.2	112.4	106.4	100.6	95.1	92.4	90.8
70°	156.8	140.7	126.7	112.8	99.4	89.4	83.4	78.0	73.0	69.8	67.5
67.5°	141.1	121.2	106.5	92.3	79.2	68.8	63.6	58.9	54.5	51.3	48.9
65°	125.3	104.2	90.0	76.4	63.1	52.9	48.8	44.9	41.0	38.2	36.6
62.5°	116.6	94.4	79.7	67.7	55.7	43.8	39.7	35.7	31.6	28.5	27.2
60°	119.7	94.5	76.6	65.5	53.0	39.4	34.2	30.6	26.5	22.8	21.5
57.5°	138.4	110.9	84.2	79.9	67.3	47.1	49.0	57.1	51.1	35.2	33.5
55°	211.8	204.9	134.1	173.6	201.9	190.2	177.7	235.2	263.2	264.6	290.6
52.5°	420.8	470.5	452.0	473.5	590.3	637.5	631.3	734.1	787.4	780.1	808.0
50°	886.1	987.7	1112.9	1133.1	1328.9	1464.7	1497.4	1616.5	1748.7	1799.3	1856.3
47.5°	1729.2	1967.5	2088.3	2224.6	2450.0	2697.0	2888.4	3059.8	3245.5	3372.4	3525.7
45°	2816.8	2985.1	3195.4	3512.0	3856.1	4178.4	4481.2	4757.0	4939.0	5101.3	5273.5
42.5°	3711.5	3980.4	4333.2	4805.4	5294.9	5625.8	5874.8	6140.7	6424.9	6695.2	6944.4
40°	4627.6	4939.2	5499.0	6034.1	6399.4	6718.7	7059.6	7420.4	7792.1	8146.6	8499.1
37.5°	5609.5	6070.0	6560.2	7027.9	7414.4	7716.4	8183.7	8583.4	8955.7	9483.7	9967.8
35°	6654.3	7154.8	7575.9	8110.9	8543.0	8915.6	9404.5	9907.9	10230.2	10954.4	11581.3
32.5°	7693.7	8277.0	8838.6	9346.6	9882.8	10457.3	10933.1	11623.6	12149.0	12841.6	13522.5
30°	8776.8	9576.4	10277.4	10834.9	11565.4	12308.0	12975.6	13788.7	14563.1	15207.7	15929.4
27.5°	10143.5	11032.6	11887.4	12746.6	13526.9	14454.3	15516.9	16377.0	17368.4	18071.3	18826.0
25°	11593.5	12652.6	13789.6	14897.1	15920.8	17120.5	18325.2	19376.1	20403.5	21213.4	22020.1
22.5°	13170.3	14451.0	15804.2	17198.4	18582.2	19896.6	21189.8	22490.3	23674.6	24787.8	25563.2
20°	14771.6	16193.8	17837.1	19516.8	21110.3	22593.9	24147.8	25792.4	27297.3	28587.3	29542.7
17.5°	16216.1	18000.0	19807.4	21650.4	23447.5	25281.0	27209.1	29143.3	30925.1	32435.9	33704.2
15°	17517.4	19538.6	21631.0	23710.4	25777.0	27888.0	30140.9	32224.9	34222.0	35954.7	37437.5
12.5°	18800.6	20959.4	23202.4	25533.9	27983.8	30269.5	32563.2	34810.4	36903.4	38917.5	40403.0
10°	19936.3	22267.4	24668.7	27167.0	29704.5	32184.2	34601.9	36944.5	39000.8	40902.6	42699.8
7.5°	20861.7	23361.7	25924.6	28552.3	31163.9	33674.9	36137.3	38478.2	40565.4	42514.4	44352.1
5°	21659.9	24311.4	26956.5	29575.0	32202.8	34807.3	37293.3	39601.5	41775.6	43800.9	45642.7
2.5°	22311.3	25076.0	27756.0	30335.1	32952.3	35618.2	38167.0	40397.0	42669.5	44729.4	46542.3
0°	22800.0	25590.9	28185.3	30787.4	33437.1	36132.8	38696.5	40881.0	43194.5	45395.9	47119.9
-2.5°	23067.4	25694.4	28276.7	30887.4	33617.0	36390.0	38950.0	41304.7	43604.8	45668.3	47271.2
-5°	23160.2	25744.5	28317.5	30975.3	33681.2	36410.6	38962.0	41322.8	43531.7	45461.8	46923.7
-7.5°	23097.9	25656.8	28204.0	30835.7	33524.4	36221.2	38731.6	40989.8	43117.0	44945.2	46340.1
-10°	22909.7	25387.7	27935.9	30524.3	33218.7	35881.2	38341.4	40378.7	42409.7	44124.8	45443.8
-12.5°	22598.8	24971.3	27484.5	30015.4	32659.1	35218.3	37510.8	39539.4	41354.2	43091.5	44245.9
-15°	22157.6	24445.0	26847.7	29326.2	31830.7	34306.6	36541.9	38502.6	40183.8	41554.2	42770.1
-17.5°	21604.3	23811.4	26113.7	28488.7	30814.4	33169.9	35241.4	37206.3	38823.6	40043.5	40987.0
-20°	20923.2	23065.1	25266.8	27534.3	29695.1	31698.5	33695.5	35522.5	37121.1	38314.0	39220.7



REPORT NUMBER: P1306180 (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°	20204.2	22225.0	24310.9	26355.4	28323.3	30206.6	32015.2	33692.0	35212.0	36339.9	37207.7
-25°	19386.2	21276.0	23204.8	25051.2	26848.3	28601.8	30241.1	31794.9	33121.8	34219.0	35024.6
-27.5°	18490.3	20250.0	21990.7	23708.0	25375.5	26891.2	28399.6	29802.2	30969.1	31978.2	32691.6
-30°	17511.3	19120.6	20752.0	22361.8	23804.3	25169.6	26509.8	27727.3	28796.9	29682.9	30322.9
-32.5°	16478.8	17949.0	19462.3	20917.9	22182.8	23414.7	24583.3	25650.6	26631.3	27414.2	27991.3
-35°	15411.3	16773.4	18132.3	19390.9	20569.9	21665.7	22672.7	23618.7	24431.2	25144.8	25710.5
-37.5°	14361.4	15588.3	16767.6	17866.5	18955.9	19960.9	20840.4	21670.4	22409.1	23004.3	23500.3
-40°	13331.6	14417.6	15421.7	16399.8	17373.2	18224.0	19022.7	19738.4	20392.2	20960.8	21401.5
-42.5°	12308.0	13243.2	14109.8	14990.1	15831.7	16569.4	17264.9	17885.1	18452.4	18961.9	19389.2
-45°	11280.6	12080.5	12851.8	13625.7	14324.5	14981.6	15586.0	16130.9	16637.8	17066.9	17417.2
-47.5°	10231.3	10940.8	11641.5	12312.1	12891.9	13459.6	13980.0	14469.5	14926.2	15312.1	15621.6
-50°	9229.4	9856.5	10483.9	11038.3	11525.7	11998.5	12438.9	12911.5	13334.3	13685.9	13941.6
-52.5°	8288.8	8855.9	9395.2	9849.2	10261.2	10630.4	10968.7	11407.7	11805.6	12150.9	12377.7
-55°	7432.2	7917.5	8379.9	8754.9	9099.0	9406.9	9713.9	10066.7	10388.0	10675.3	10864.8
-57.5°	6625.8	7037.2	7421.8	7737.7	8024.6	8282.0	8567.1	8862.1	9125.6	9352.3	9504.9
-60°	5861.4	6211.5	6530.6	6790.4	7028.9	7245.6	7516.9	7774.3	8002.1	8187.0	8300.9
-62.5°	5140.2	5454.3	5702.3	5911.2	6101.7	6284.3	6521.4	6743.8	6949.2	7113.2	7208.6
-65°	4479.9	4755.0	4939.3	5104.7	5254.8	5419.3	5620.9	5801.8	5962.2	6084.0	6167.0
-67.5°	3878.0	4095.6	4241.0	4372.4	4501.0	4641.7	4812.8	4970.8	5115.1	5215.5	5277.5
-70°	3317.3	3485.1	3602.9	3714.7	3822.0	3942.7	4082.9	4213.4	4333.9	4411.8	4461.3
-72.5°	2794.2	2922.1	3019.5	3115.6	3202.3	3305.7	3420.0	3527.1	3626.5	3685.1	3722.7
-75°	2306.2	2404.2	2484.0	2557.8	2625.5	2712.6	2805.1	2892.0	2972.9	3017.6	3046.5
-77.5°	1853.7	1928.7	1988.8	2043.8	2093.6	2162.6	2233.9	2300.8	2363.2	2403.1	2435.0
-80°	1470.4	1515.8	1552.7	1587.0	1618.8	1670.4	1722.6	1771.9	1818.1	1844.0	1864.6
-82.5°	1129.5	1157.1	1179.0	1198.3	1214.8	1250.8	1286.6	1320.6	1352.5	1369.3	1383.6
-85°	851.4	866.2	878.7	889.8	899.6	924.6	949.3	973.1	996.1	1000.9	1004.3
-87.5°	660.1	668.2	675.8	683.2	690.3	708.8	727.3	745.6	763.8	767.0	769.8
-90°	7.7	7.3	6.9	6.5	6.1	5.7	5.4	5.0	4.6	4.2	3.9



REPORT NUMBER: P1306180 (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°	669.0	672.4	670.1	667.8	670.1	672.4	669.0	665.5	662.1	658.6	643.3
87.5°	34.3	33.7	33.8	33.8	33.8	33.7	34.3	34.8	35.3	35.7	32.0
85°	65.1	61.2	58.3	55.3	58.3	61.2	65.1	68.9	72.3	75.4	70.9
82.5°	117.9	119.0	118.8	118.2	118.8	119.0	117.9	116.7	115.4	114.0	109.7
80°	154.8	159.0	160.3	161.2	160.3	159.0	154.8	150.5	146.1	141.8	137.7
77.5°	149.4	152.0	152.8	153.5	152.8	152.0	149.4	146.8	144.2	142.0	141.9
75°	121.1	121.9	121.5	121.3	121.5	121.9	121.1	120.6	120.3	121.0	125.0
72.5°	89.5	88.4	87.7	87.5	87.7	88.4	89.5	90.8	92.4	95.1	100.6
70°	65.5	63.8	62.4	61.4	62.4	63.8	65.5	67.5	69.8	73.0	78.0
67.5°	47.0	45.3	44.0	43.0	44.0	45.3	47.0	48.9	51.3	54.5	58.9
65°	35.3	34.3	33.2	32.2	33.2	34.3	35.3	36.6	38.2	41.0	44.9
62.5°	26.1	25.1	24.7	24.6	24.7	25.1	26.1	27.2	28.5	31.6	35.7
60°	20.2	18.9	18.5	18.4	18.5	18.9	20.2	21.5	22.8	26.5	30.6
57.5°	30.2	25.9	23.3	21.5	23.3	25.9	30.2	33.5	35.2	51.1	57.1
55°	304.4	305.3	311.4	317.8	311.4	305.3	304.4	290.6	264.6	263.2	235.2
52.5°	829.3	826.6	819.1	804.4	819.1	826.6	829.3	808.0	780.1	787.4	734.1
50°	1890.5	1863.8	1805.9	1724.0	1805.9	1863.8	1890.5	1856.3	1799.3	1748.7	1616.5
47.5°	3732.1	3886.5	3993.2	4040.5	3993.2	3886.5	3732.1	3525.7	3372.4	3245.5	3059.8
45°	5452.8	5544.3	5597.8	5640.1	5597.8	5544.3	5452.8	5273.5	5101.3	4939.0	4757.0
42.5°	7156.4	7301.6	7373.1	7361.0	7373.1	7301.6	7156.4	6944.4	6695.2	6424.9	6140.7
40°	8837.9	9141.7	9391.0	9570.1	9391.0	9141.7	8837.9	8499.1	8146.6	7792.1	7420.4
37.5°	10446.7	10899.1	11281.3	11558.1	11281.3	10899.1	10446.7	9967.8	9483.7	8955.7	8583.4
35°	12094.2	12493.1	12755.0	12869.2	12755.0	12493.1	12094.2	11581.3	10954.4	10230.2	9907.9
32.5°	13956.7	14178.4	14225.4	14344.4	14225.4	14178.4	13956.7	13522.5	12841.6	12149.0	11623.6
30°	16368.9	16599.3	16604.9	16754.6	16604.9	16599.3	16368.9	15929.4	15207.7	14563.1	13788.7
27.5°	19421.0	19809.1	19935.1	20067.5	19935.1	19809.1	19421.0	18826.0	18071.3	17368.4	16377.0
25°	22689.3	23051.0	23166.9	23122.4	23166.9	23051.0	22689.3	22020.1	21213.4	20403.5	19376.1
22.5°	26357.6	26826.6	26997.2	26911.2	26997.2	26826.6	26357.6	25563.2	24787.8	23674.6	22490.3
20°	30463.4	31140.2	31498.0	31659.4	31498.0	31140.2	30463.4	29542.7	28587.3	27297.3	25792.4
17.5°	34784.9	35782.3	36240.4	36375.4	36240.4	35782.3	34784.9	33704.2	32435.9	30925.1	29143.3
15°	38716.4	39587.3	40181.2	40486.5	40181.2	39587.3	38716.4	37437.5	35954.7	34222.0	32224.9
12.5°	41756.3	42866.2	43791.4	44287.5	43791.4	42866.2	41756.3	40403.0	38917.5	36903.4	34810.4
10°	44234.2	45354.9	46196.2	46604.1	46196.2	45354.9	44234.2	42699.8	40902.6	39000.8	36944.5
7.5°	45948.6	46990.2	47643.3	47910.5	47643.3	46990.2	45948.6	44352.1	42514.4	40565.4	38478.2
5°	47056.8	48052.7	48535.4	48708.8	48535.4	48052.7	47056.8	45642.7	43800.9	41775.6	39601.5
2.5°	47854.6	48642.6	49029.2	49054.2	49029.2	48642.6	47854.6	46542.3	44729.4	42669.5	40397.0
0°	48219.0	48928.3	49352.0	49344.3	49352.0	48928.3	48219.0	47119.9	45395.9	43194.5	40881.0
-2.5°	48236.7	48853.8	49154.8	48985.1	49154.8	48853.8	48236.7	47271.2	45668.3	43604.8	41304.7
-5°	47892.7	48496.6	48722.3	48670.4	48722.3	48496.6	47892.7	46923.7	45461.8	43531.7	41322.8
-7.5°	47275.1	47810.9	48041.2	48048.6	48041.2	47810.9	47275.1	46340.1	44945.2	43117.0	40989.8
-10°	46333.1	46780.8	47044.7	46969.4	47044.7	46780.8	46333.1	45443.8	44124.8	42409.7	40378.7
-12.5°	45087.1	45529.1	45752.8	45707.5	45752.8	45529.1	45087.1	44245.9	43091.5	41354.2	39539.4
-15°	43596.7	44016.7	44226.3	44206.2	44226.3	44016.7	43596.7	42770.1	41554.2	40183.8	38502.6
-17.5°	41751.4	42172.4	42387.0	42416.2	42387.0	42172.4	41751.4	40987.0	40043.5	38823.6	37206.3
-20°	39817.5	40188.8	40385.4	40388.3	40385.4	40188.8	39817.5	39220.7	38314.0	37121.1	35522.5



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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°	37812.9	38229.8	38463.1	38427.9	38463.1	38229.8	37812.9	37207.7	36339.9	35212.0	33692.0
-25°	35578.5	35996.4	36223.2	36214.2	36223.2	35996.4	35578.5	35024.6	34219.0	33121.8	31794.9
-27.5°	33193.2	33594.8	33813.7	33840.8	33813.7	33594.8	33193.2	32691.6	31978.2	30969.1	29802.2
-30°	30790.5	31186.4	31400.9	31418.4	31400.9	31186.4	30790.5	30322.9	29682.9	28796.9	27727.3
-32.5°	28436.0	28793.6	28991.7	29012.8	28991.7	28793.6	28436.0	27991.3	27414.2	26631.3	25650.6
-35°	26139.0	26453.1	26630.9	26688.6	26630.9	26453.1	26139.0	25710.5	25144.8	24431.2	23618.7
-37.5°	23903.5	24187.5	24359.1	24464.1	24359.1	24187.5	23903.5	23500.3	23004.3	22409.1	21670.4
-40°	21744.1	21992.9	22129.8	22132.3	22129.8	21992.9	21744.1	21401.5	20960.8	20392.2	19738.4
-42.5°	19705.6	19915.1	20019.7	20021.4	20019.7	19915.1	19705.6	19389.2	18961.9	18452.4	17885.1
-45°	17699.3	17904.1	18049.2	18140.9	18049.2	17904.1	17699.3	17417.2	17066.9	16637.8	16130.9
-47.5°	15857.7	16025.7	16140.8	16203.5	16140.8	16025.7	15857.7	15621.6	15312.1	14926.2	14469.5
-50°	14129.0	14263.3	14361.5	14419.7	14361.5	14263.3	14129.0	13941.6	13685.9	13334.3	12911.5
-52.5°	12531.5	12629.6	12664.8	12642.0	12664.8	12629.6	12531.5	12377.7	12150.9	11805.6	11407.7
-55°	11006.8	11104.6	11143.6	11129.8	11143.6	11104.6	11006.8	10864.8	10675.3	10388.0	10066.7
-57.5°	9625.0	9711.7	9781.0	9823.4	9781.0	9711.7	9625.0	9504.9	9352.3	9125.6	8862.1
-60°	8390.7	8454.8	8498.3	8515.5	8498.3	8454.8	8390.7	8300.9	8187.0	8002.1	7774.3
-62.5°	7275.6	7315.5	7346.5	7359.5	7346.5	7315.5	7275.6	7208.6	7113.2	6949.2	6743.8
-65°	6233.2	6281.9	6276.0	6241.9	6276.0	6281.9	6233.2	6167.0	6084.0	5962.2	5801.8
-67.5°	5324.4	5356.0	5383.3	5397.6	5383.3	5356.0	5324.4	5277.5	5215.5	5115.1	4970.8
-70°	4499.0	4525.0	4534.7	4531.8	4534.7	4525.0	4499.0	4461.3	4411.8	4333.9	4213.4
-72.5°	3751.1	3770.0	3773.8	3767.3	3773.8	3770.0	3751.1	3722.7	3685.1	3626.5	3527.1
-75°	3067.1	3079.7	3086.1	3085.7	3086.1	3079.7	3067.1	3046.5	3017.6	2972.9	2892.0
-77.5°	2461.6	2482.8	2473.8	2457.8	2473.8	2482.8	2461.6	2435.0	2403.1	2363.2	2300.8
-80°	1881.4	1894.4	1887.4	1876.0	1887.4	1894.4	1881.4	1864.6	1844.0	1818.1	1771.9
-82.5°	1395.9	1406.1	1394.5	1380.1	1394.5	1406.1	1395.9	1383.6	1369.3	1352.5	1320.6
-85°	1006.8	1008.3	1007.4	1005.5	1007.4	1008.3	1006.8	1004.3	1000.9	996.1	973.1
-87.5°	772.5	774.9	772.9	770.6	772.9	774.9	772.5	769.8	767.0	763.8	745.6
-90°	3.5	3.1	3.9	4.6	3.9	3.1	3.5	3.9	4.2	4.6	5.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	627.9	612.6	597.2	590.7	584.2	577.6	571.1	550.4	529.7	508.9	488.2
87.5°	28.4	24.8	21.4	21.5	21.5	21.6	21.5	19.9	18.4	17.0	15.7
85°	66.3	61.5	56.8	57.0	57.0	56.7	55.8	51.5	47.1	42.6	38.1
82.5°	105.1	100.3	95.4	93.7	92.1	90.6	88.9	84.5	79.9	75.0	70.0
80°	133.4	129.0	124.8	123.5	121.7	119.4	116.4	111.6	106.2	100.6	94.4
77.5°	141.4	140.5	139.9	142.1	143.5	144.0	143.0	139.1	133.7	127.7	120.2
75°	128.9	132.6	137.6	145.8	153.1	159.4	161.5	160.1	157.4	153.2	145.8
72.5°	106.4	112.4	121.2	133.9	146.8	157.2	165.6	171.8	175.4	176.3	170.5
70°	83.4	89.4	99.4	112.8	126.7	140.7	156.8	172.5	186.3	193.2	189.7
67.5°	63.6	68.8	79.2	92.3	106.5	121.2	141.1	161.7	179.8	195.0	201.1
65°	48.8	52.9	63.1	76.4	90.0	104.2	125.3	146.6	168.4	189.2	203.2
62.5°	39.7	43.8	55.7	67.7	79.7	94.4	116.6	138.9	159.4	179.9	201.3
60°	34.2	39.4	53.0	65.5	76.6	94.5	119.7	140.9	157.7	185.8	208.7
57.5°	49.0	47.1	67.3	79.9	84.2	110.9	138.4	155.6	172.9	209.9	229.2
55°	177.7	190.2	201.9	173.6	134.1	204.9	211.8	196.4	228.4	257.5	284.6
52.5°	631.3	637.5	590.3	473.5	452.0	470.5	420.8	401.6	381.0	413.4	396.3
50°	1497.4	1464.7	1328.9	1133.1	1112.9	987.7	886.1	776.0	777.2	730.2	627.5
47.5°	2888.4	2697.0	2450.0	2224.6	2088.3	1967.5	1729.2	1416.6	1396.1	1224.1	1068.6
45°	4481.2	4178.4	3856.1	3512.0	3195.4	2985.1	2816.8	2501.2	2196.9	1991.5	1637.3
42.5°	5874.8	5625.8	5294.9	4805.4	4333.2	3980.4	3711.5	3451.1	3136.7	2838.8	2486.5
40°	7059.6	6718.7	6399.4	6034.1	5499.0	4939.2	4627.6	4285.9	3964.0	3627.7	3271.0
37.5°	8183.7	7716.4	7414.4	7027.9	6560.2	6070.0	5609.5	5192.4	4742.4	4365.1	3959.6
35°	9404.5	8915.6	8543.0	8110.9	7575.9	7154.8	6654.3	6133.3	5627.2	5110.2	4647.4
32.5°	10933.1	10457.3	9882.8	9346.6	8838.6	8277.0	7693.7	7080.1	6543.1	5940.3	5352.0
30°	12975.6	12308.0	11565.4	10834.9	10277.4	9576.4	8776.8	8158.5	7514.4	6800.8	6078.6
27.5°	15516.9	14454.3	13526.9	12746.6	11887.4	11032.6	10143.5	9299.7	8535.0	7717.0	6876.1
25°	18325.2	17120.5	15920.8	14897.1	13789.6	12652.6	11593.5	10576.3	9622.5	8664.1	7632.2
22.5°	21189.8	19896.6	18582.2	17198.4	15804.2	14451.0	13170.3	11870.6	10711.4	9578.4	8438.0
20°	24147.8	22593.9	21110.3	19516.8	17837.1	16193.8	14771.6	13236.6	11822.7	10506.0	9237.5
17.5°	27209.1	25281.0	23447.5	21650.4	19807.4	18000.0	16216.1	14522.3	12923.0	11417.1	10011.4
15°	30140.9	27888.0	25777.0	23710.4	21631.0	19538.6	17517.4	15686.1	14006.8	12344.2	10772.0
12.5°	32563.2	30269.5	27983.8	25533.9	23202.4	20959.4	18800.6	16804.1	14973.6	13135.9	11413.9
10°	34601.9	32184.2	29704.5	27167.0	24668.7	22267.4	19936.3	17713.2	15671.5	13778.1	11987.7
7.5°	36137.3	33674.9	31163.9	28552.3	25924.6	23361.7	20861.7	18487.8	16292.9	14320.9	12490.5
5°	37293.3	34807.3	32202.8	29575.0	26956.5	24311.4	21659.9	19156.4	16827.6	14765.8	12919.3
2.5°	38167.0	35618.2	32952.3	30335.1	27756.0	25076.0	22311.3	19699.9	17326.9	15166.1	13200.6
0°	38696.5	36132.8	33437.1	30787.4	28185.3	25590.9	22800.0	20101.2	17749.4	15491.2	13404.9
-2.5°	38950.0	36390.0	33617.0	30887.4	28276.7	25694.4	23067.4	20447.2	18015.9	15799.6	13689.4
-5°	38962.0	36410.6	33681.2	30975.3	28317.5	25744.5	23160.2	20625.9	18195.4	16001.5	13887.3
-7.5°	38731.6	36221.2	33524.4	30835.7	28204.0	25656.8	23097.9	20653.9	18302.6	16077.0	13985.8
-10°	38341.4	35881.2	33218.7	30524.3	27935.9	25387.7	22909.7	20577.3	18277.4	16054.4	14000.2
-12.5°	37510.8	35218.3	32659.1	30015.4	27484.5	24971.3	22598.8	20382.3	18115.0	15936.1	13931.9
-15°	36541.9	34306.6	31830.7	29326.2	26847.7	24445.0	22157.6	19987.6	17784.1	15716.4	13782.5
-17.5°	35241.4	33169.9	30814.4	28488.7	26113.7	23811.4	21604.3	19486.1	17402.1	15400.8	13506.3
-20°	33695.5	31698.5	29695.1	27534.3	25266.8	23065.1	20923.2	18924.3	16946.3	14998.7	13178.9



REPORT NUMBER: P1306180 (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°	32015.2	30206.6	28323.3	26355.4	24310.9	22225.0	20204.2	18287.4	16402.3	14486.4	12785.0
-25°	30241.1	28601.8	26848.3	25051.2	23204.8	21276.0	19386.2	17557.8	15733.1	13940.0	12334.2
-27.5°	28399.6	26891.2	25375.5	23708.0	21990.7	20250.0	18490.3	16745.5	14995.9	13383.7	11863.1
-30°	26509.8	25169.6	23804.3	22361.8	20752.0	19120.6	17511.3	15894.0	14290.3	12770.2	11329.9
-32.5°	24583.3	23414.7	22182.8	20917.9	19462.3	17949.0	16478.8	15026.9	13540.7	12133.9	10804.9
-35°	22672.7	21665.7	20569.9	19390.9	18132.3	16773.4	15411.3	14089.8	12782.4	11460.4	10238.2
-37.5°	20840.4	19960.9	18955.9	17866.5	16767.6	15588.3	14361.4	13157.5	11956.9	10788.0	9642.7
-40°	19022.7	18224.0	17373.2	16399.8	15421.7	14417.6	13331.6	12216.8	11140.5	10086.1	9021.3
-42.5°	17264.9	16569.4	15831.7	14990.1	14109.8	13243.2	12308.0	11301.1	10307.4	9349.8	8421.7
-45°	15586.0	14981.6	14324.5	13625.7	12851.8	12080.5	11280.6	10377.3	9472.7	8626.4	7790.9
-47.5°	13980.0	13459.6	12891.9	12312.1	11641.5	10940.8	10231.3	9447.7	8674.6	7898.5	7174.9
-50°	12438.9	11998.5	11525.7	11038.3	10483.9	9856.5	9229.4	8587.7	7890.7	7218.8	6557.1
-52.5°	10968.7	10630.4	10261.2	9849.2	9395.2	8855.9	8288.8	7745.6	7148.2	6556.7	5968.7
-55°	9713.9	9406.9	9099.0	8754.9	8379.9	7917.5	7432.2	6946.0	6455.2	5914.0	5404.3
-57.5°	8567.1	8282.0	8024.6	7737.7	7421.8	7037.2	6625.8	6198.5	5778.0	5311.3	4847.4
-60°	7516.9	7245.6	7028.9	6790.4	6530.6	6211.5	5861.4	5493.5	5108.7	4726.5	4334.1
-62.5°	6521.4	6284.3	6101.7	5911.2	5702.3	5454.3	5140.2	4828.6	4503.3	4164.2	3844.5
-65°	5620.9	5419.3	5254.8	5104.7	4939.3	4755.0	4479.9	4208.4	3938.9	3661.4	3375.8
-67.5°	4812.8	4641.7	4501.0	4372.4	4241.0	4095.6	3878.0	3641.2	3412.7	3185.9	2944.8
-70°	4082.9	3942.7	3822.0	3714.7	3602.9	3485.1	3317.3	3123.9	2926.1	2732.8	2531.3
-72.5°	3420.0	3305.7	3202.3	3115.6	3019.5	2922.1	2794.2	2635.3	2471.3	2302.7	2134.2
-75°	2805.1	2712.6	2625.5	2557.8	2484.0	2404.2	2306.2	2176.9	2045.8	1913.6	1778.8
-77.5°	2233.9	2162.6	2093.6	2043.8	1988.8	1928.7	1853.7	1751.1	1654.7	1556.4	1455.9
-80°	1722.6	1670.4	1618.8	1587.0	1552.7	1515.8	1470.4	1391.9	1311.5	1233.6	1159.2
-82.5°	1286.6	1250.8	1214.8	1198.3	1179.0	1157.1	1129.5	1072.5	1014.7	956.2	897.4
-85°	949.3	924.6	899.6	889.8	878.7	866.2	851.4	814.1	776.1	737.5	698.3
-87.5°	727.3	708.8	690.3	683.2	675.8	668.2	660.1	635.1	610.0	584.8	559.6
-90°	5.4	5.7	6.1	6.5	6.9	7.3	7.7	8.1	8.5	8.8	9.2



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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°	465.9	443.7	421.4	399.1	376.5	353.9	331.2	308.6	282.9	257.2	231.4
87.5°	16.9	17.9	18.8	19.5	19.2	18.8	18.3	17.9	18.6	19.1	19.4
85°	35.7	33.6	32.0	30.8	29.1	26.8	26.0	25.1	26.1	26.8	26.9
82.5°	64.7	59.0	53.7	49.4	48.2	46.1	43.2	39.7	37.7	35.1	34.5
80°	86.7	79.4	72.4	66.8	66.1	65.5	62.5	58.7	55.5	51.7	47.1
77.5°	110.0	99.9	89.8	82.6	80.2	78.2	76.5	75.9	73.5	68.3	62.2
75°	134.4	122.5	110.8	102.6	98.0	90.7	87.6	88.0	90.5	85.3	77.4
72.5°	159.4	146.9	133.0	125.1	122.6	116.1	105.5	101.5	108.1	105.8	94.4
70°	181.8	171.6	158.1	154.6	151.5	143.0	133.2	130.3	127.4	127.3	117.2
67.5°	202.3	193.2	181.4	186.3	185.8	178.1	163.0	164.4	163.3	150.2	140.8
65°	208.7	209.3	206.7	219.7	222.6	215.6	201.2	203.5	200.7	187.8	165.1
62.5°	215.3	221.1	231.4	255.2	262.5	257.0	244.1	252.5	242.2	226.6	198.9
60°	222.6	233.7	262.0	292.0	305.1	301.6	298.7	304.6	294.5	266.6	237.0
57.5°	247.0	252.0	302.5	337.0	351.7	350.0	359.9	365.5	349.2	317.1	276.6
55°	287.1	306.3	362.7	394.4	407.8	403.5	430.4	433.6	408.8	371.7	318.9
52.5°	365.8	409.7	458.4	475.5	477.6	478.5	515.1	506.8	479.6	428.1	372.3
50°	542.3	580.8	606.6	596.5	564.5	592.0	610.3	598.9	554.1	489.6	428.0
47.5°	914.6	898.6	832.3	759.9	702.0	725.8	736.6	700.6	632.5	561.5	484.9
45°	1488.0	1355.5	1177.1	1022.1	899.2	912.7	885.3	810.5	733.6	639.3	542.9
42.5°	2111.5	1911.7	1684.7	1319.1	1202.9	1130.3	1050.5	958.2	840.8	719.5	608.6
40°	2843.6	2499.6	2236.9	1842.7	1526.7	1368.0	1263.0	1122.4	953.0	807.0	680.0
37.5°	3535.6	3114.4	2785.3	2336.8	1883.8	1668.8	1493.4	1298.2	1073.1	904.6	752.4
35°	4175.2	3711.6	3253.1	2782.5	2309.2	1970.6	1737.0	1494.4	1213.0	1001.4	825.6
32.5°	4800.9	4262.2	3729.6	3202.7	2700.2	2272.8	2002.2	1667.1	1347.2	1097.1	899.3
30°	5444.2	4815.7	4203.9	3609.4	3064.3	2609.4	2241.4	1829.1	1475.5	1191.4	974.6
27.5°	6090.1	5361.9	4679.6	4028.2	3425.8	2917.7	2424.1	1980.1	1597.6	1290.0	1053.2
25°	6752.2	5937.7	5170.6	4446.9	3772.4	3154.9	2599.4	2120.7	1722.3	1393.9	1129.7
22.5°	7425.3	6521.5	5648.4	4854.9	4060.2	3394.0	2783.1	2268.4	1842.6	1492.1	1203.9
20°	8058.8	7096.7	6095.6	5182.5	4344.4	3641.3	2978.5	2407.8	1953.5	1584.6	1275.4
17.5°	8669.6	7614.1	6492.8	5503.1	4619.8	3868.7	3169.0	2538.3	2054.9	1671.2	1344.0
15°	9301.8	8067.4	6877.0	5797.9	4871.0	4075.9	3352.5	2659.3	2147.1	1751.8	1401.6
12.5°	9867.7	8507.8	7235.8	6065.6	5097.4	4263.0	3527.0	2770.3	2230.1	1822.8	1446.6
10°	10371.3	8927.8	7564.9	6304.7	5298.6	4430.0	3690.1	2883.4	2327.7	1886.5	1488.4
7.5°	10812.1	9319.2	7859.8	6514.1	5476.0	4568.6	3813.7	3012.2	2424.3	1945.6	1526.5
5°	11174.7	9643.1	8143.2	6755.7	5640.1	4681.3	3908.4	3130.1	2515.4	1999.4	1560.4
2.5°	11411.2	9863.7	8397.0	6980.2	5780.7	4776.5	3980.3	3236.2	2599.2	2047.0	1589.5
0°	11585.8	10026.1	8603.0	7172.2	5895.0	4852.6	4032.8	3329.7	2674.2	2087.8	1613.4
-2.5°	11810.7	10185.0	8731.5	7324.3	6054.8	4987.5	4122.0	3388.9	2726.8	2138.7	1653.0
-5°	11965.7	10289.1	8815.2	7438.8	6183.9	5098.6	4193.3	3434.5	2768.9	2181.7	1686.5
-7.5°	12074.0	10373.2	8871.1	7514.7	6280.9	5182.6	4245.0	3466.4	2800.6	2216.5	1713.6
-10°	12115.6	10418.5	8901.2	7537.2	6311.4	5222.3	4275.6	3484.5	2822.2	2242.6	1733.8
-12.5°	12082.7	10396.8	8878.1	7518.9	6302.0	5221.4	4287.2	3498.8	2834.3	2259.8	1746.9
-15°	11974.5	10305.7	8799.9	7459.2	6258.2	5194.6	4279.5	3502.2	2839.3	2265.6	1752.6
-17.5°	11781.8	10143.2	8665.5	7357.9	6179.4	5141.9	4252.7	3489.2	2831.8	2259.1	1748.5
-20°	11509.5	9929.8	8482.0	7214.8	6065.4	5063.1	4206.8	3459.4	2811.6	2242.6	1735.7



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	11184.4	9687.3	8305.9	7053.6	5932.2	4958.4	4141.7	3412.6	2778.4	2215.8	1715.8
-25°	10803.7	9403.2	8083.3	6878.1	5792.8	4866.0	4067.0	3348.5	2732.0	2178.7	1689.1
-27.5°	10426.5	9087.4	7810.2	6667.6	5644.4	4753.6	3981.7	3285.5	2675.9	2131.0	1655.5
-30°	10031.3	8743.6	7533.6	6437.2	5466.5	4626.0	3876.3	3207.7	2614.0	2081.0	1615.1
-32.5°	9570.0	8345.8	7232.5	6213.6	5289.1	4471.8	3751.4	3114.3	2539.4	2027.5	1576.4
-35°	9063.6	7945.5	6902.2	5958.8	5091.4	4315.2	3617.6	3005.4	2452.3	1966.1	1534.6
-37.5°	8525.2	7519.6	6592.7	5689.0	4860.6	4136.1	3483.1	2892.4	2352.7	1897.0	1487.1
-40°	8023.9	7081.6	6221.5	5403.3	4630.8	3935.0	3331.7	2773.5	2259.4	1820.3	1433.9
-42.5°	7488.2	6642.7	5842.4	5076.7	4387.4	3749.6	3166.8	2643.2	2166.9	1747.6	1375.2
-45°	6975.0	6185.9	5445.8	4769.0	4128.3	3546.9	3010.3	2505.4	2063.4	1673.9	1315.2
-47.5°	6440.7	5731.2	5061.3	4439.4	3884.1	3336.5	2842.0	2375.6	1949.0	1594.1	1255.1
-50°	5924.1	5280.4	4679.2	4126.9	3610.8	3138.9	2666.8	2232.7	1846.5	1504.7	1189.1
-52.5°	5403.1	4842.3	4308.4	3808.9	3357.1	2929.6	2491.1	2080.3	1734.9	1414.4	1117.4
-55°	4895.5	4420.7	3942.3	3504.2	3096.1	2708.3	2301.5	1943.1	1614.9	1320.1	1041.7
-57.5°	4421.7	4000.1	3592.9	3200.8	2828.0	2468.9	2122.0	1796.3	1495.9	1219.6	974.4
-60°	3954.1	3604.7	3244.1	2893.1	2552.2	2238.7	1945.2	1645.2	1372.3	1117.0	900.6
-62.5°	3524.3	3208.9	2898.2	2578.9	2289.6	2021.5	1761.7	1495.8	1242.2	1023.9	822.1
-65°	3105.4	2828.1	2547.4	2290.6	2040.0	1802.3	1580.7	1339.2	1123.6	926.3	745.5
-67.5°	2696.4	2465.7	2236.5	2006.9	1798.0	1594.6	1391.6	1194.4	1004.6	824.4	679.7
-70°	2325.9	2121.1	1933.1	1750.4	1566.1	1386.0	1222.6	1051.8	880.9	742.7	611.4
-72.5°	1973.1	1813.2	1654.9	1496.0	1348.5	1201.3	1054.7	911.3	782.5	658.8	540.7
-75°	1641.9	1518.1	1397.1	1273.1	1142.9	1015.0	905.0	795.4	681.7	572.5	481.2
-77.5°	1353.8	1251.9	1150.4	1056.1	957.3	861.4	768.6	676.6	584.6	502.5	424.7
-80°	1085.4	1011.5	937.6	862.7	782.6	705.4	640.3	574.7	502.2	432.8	366.8
-82.5°	839.8	789.5	740.8	691.0	636.8	583.1	530.0	477.0	418.2	361.7	318.2
-85°	660.2	621.5	582.3	542.5	500.8	459.6	429.2	398.3	361.8	325.6	289.8
-87.5°	534.9	510.0	484.9	459.7	433.4	407.0	380.4	353.8	322.6	291.6	260.8
-90°	9.6	10.0	10.3	10.7	10.7	10.7	10.7	10.7	11.1	11.5	11.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	205.7	170.4	135.1	99.8	64.5	37.6	10.7
87.5°	19.4	18.9	18.0	17.0	15.6	13.6	10.7
85°	26.6	25.4	23.8	21.6	19.0	15.8	10.7
82.5°	33.8	32.0	29.5	26.3	22.3	17.9	10.7
80°	41.8	38.6	35.2	30.9	25.7	20.0	10.7
77.5°	55.6	47.8	40.9	35.5	29.1	22.2	10.7
75°	69.7	62.0	48.0	40.2	32.5	24.3	10.7
72.5°	84.2	76.3	61.4	44.8	35.9	26.4	10.7
70°	100.2	90.9	74.8	50.6	39.3	28.5	10.7
67.5°	124.8	105.7	88.3	61.9	42.8	30.6	10.7
65°	150.0	125.2	101.8	73.2	46.3	32.6	10.7
62.5°	175.9	149.3	115.5	84.5	49.8	34.7	10.7
60°	202.5	173.7	129.3	95.7	53.3	36.7	10.7
57.5°	239.2	198.6	150.3	106.9	61.5	38.7	10.7
55°	277.8	223.8	171.8	118.1	69.6	40.7	10.7
52.5°	317.1	250.9	193.3	129.1	77.6	42.6	10.7
50°	357.1	285.3	214.9	140.1	85.4	44.5	10.7
47.5°	399.1	319.9	236.4	152.4	93.1	46.4	10.7
45°	449.4	354.7	258.0	168.7	100.6	48.2	10.7
42.5°	500.0	389.5	279.5	184.7	108.0	50.0	10.7
40°	550.8	424.3	303.9	200.6	115.1	51.8	10.7
37.5°	601.9	459.1	330.9	216.0	122.1	53.5	10.7
35°	652.9	497.9	357.5	230.9	128.8	55.2	10.7
32.5°	706.6	538.4	383.6	245.3	135.3	56.8	10.7
30°	766.3	578.2	409.0	259.1	141.5	58.3	10.7
27.5°	825.4	617.2	432.2	272.3	147.4	59.8	10.7
25°	883.5	655.2	454.2	284.9	153.1	61.2	10.7
22.5°	940.3	690.4	474.9	296.7	158.5	62.5	10.7
20°	995.5	719.5	494.5	307.9	163.5	63.8	10.7
17.5°	1038.9	746.5	512.7	318.3	168.2	65.0	10.7
15°	1072.6	771.3	529.6	327.9	172.6	66.1	10.7
12.5°	1102.4	793.7	545.1	336.6	176.6	67.1	10.7
10°	1128.3	813.7	559.0	344.5	180.2	68.0	10.7
7.5°	1150.3	831.3	571.4	351.5	183.4	68.8	10.7
5°	1168.3	846.4	582.2	357.6	186.1	69.5	10.7
2.5°	1182.5	858.9	591.3	362.8	188.5	70.1	10.7
0°	1192.8	868.9	598.7	366.9	190.4	70.6	10.7
-2.5°	1221.5	885.1	608.5	372.4	193.3	72.0	10.7
-5°	1246.0	898.5	616.4	377.0	195.8	73.2	10.7
-7.5°	1265.9	909.0	622.4	380.4	197.8	74.4	10.7
-10°	1280.9	916.5	626.4	382.7	199.3	75.4	10.7
-12.5°	1290.7	920.8	628.3	383.9	200.3	76.3	10.7
-15°	1294.9	921.8	628.1	383.9	200.8	77.0	10.7
-17.5°	1293.1	919.4	625.7	382.8	200.8	77.7	10.7
-20°	1286.0	913.6	621.1	380.4	200.4	78.2	10.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1274.7	904.1	614.2	376.9	199.4	78.5	10.7
-25°	1258.4	894.9	605.0	372.1	198.0	78.7	10.7
-27.5°	1237.1	883.4	593.6	366.1	196.0	78.8	10.7
-30°	1210.8	868.1	580.2	358.9	193.5	78.7	10.7
-32.5°	1179.6	848.9	568.0	350.5	190.6	78.4	10.7
-35°	1150.5	825.8	553.3	340.9	187.1	78.1	10.7
-37.5°	1119.4	801.1	536.2	330.0	183.2	77.5	10.7
-40°	1083.2	777.3	516.7	318.0	178.8	76.9	10.7
-42.5°	1042.1	750.2	498.5	305.6	174.0	76.1	10.7
-45°	996.0	719.8	482.2	293.3	168.6	75.1	10.7
-47.5°	945.1	686.3	464.0	279.7	162.9	74.0	10.7
-50°	898.9	649.7	443.8	270.2	156.6	72.8	10.7
-52.5°	850.3	610.2	421.9	261.3	150.0	71.4	10.7
-55°	798.0	577.5	398.2	251.4	143.0	70.0	10.7
-57.5°	742.0	544.5	372.7	240.5	135.5	68.3	10.7
-60°	684.3	509.1	346.2	228.8	127.7	66.6	10.7
-62.5°	637.2	471.6	327.8	216.2	123.7	64.7	10.7
-65°	587.4	432.1	308.1	202.7	119.4	62.7	10.7
-67.5°	535.2	397.1	287.2	188.5	114.8	60.6	10.7
-70°	480.6	366.9	265.1	173.6	110.0	58.4	10.7
-72.5°	437.3	335.2	242.0	164.3	105.0	56.1	10.7
-75°	394.1	302.2	218.0	156.1	99.7	53.7	10.7
-77.5°	349.3	267.9	203.4	147.5	94.3	51.2	10.7
-80°	303.1	244.5	190.6	138.5	88.6	48.6	10.7
-82.5°	277.5	226.7	177.3	129.3	82.8	46.0	10.7
-85°	254.1	208.4	163.6	119.7	76.8	43.2	10.7
-87.5°	230.1	189.6	149.5	109.9	70.7	40.5	10.7
-90°	12.3	12.3	12.3	12.3	12.3	11.5	10.7

(END OF REPORT)