

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: McGRAW-EDISON

Report Number: P558822 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-930-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558822 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA3D-930-U-NAT-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR
6x4
Light Source: (48) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

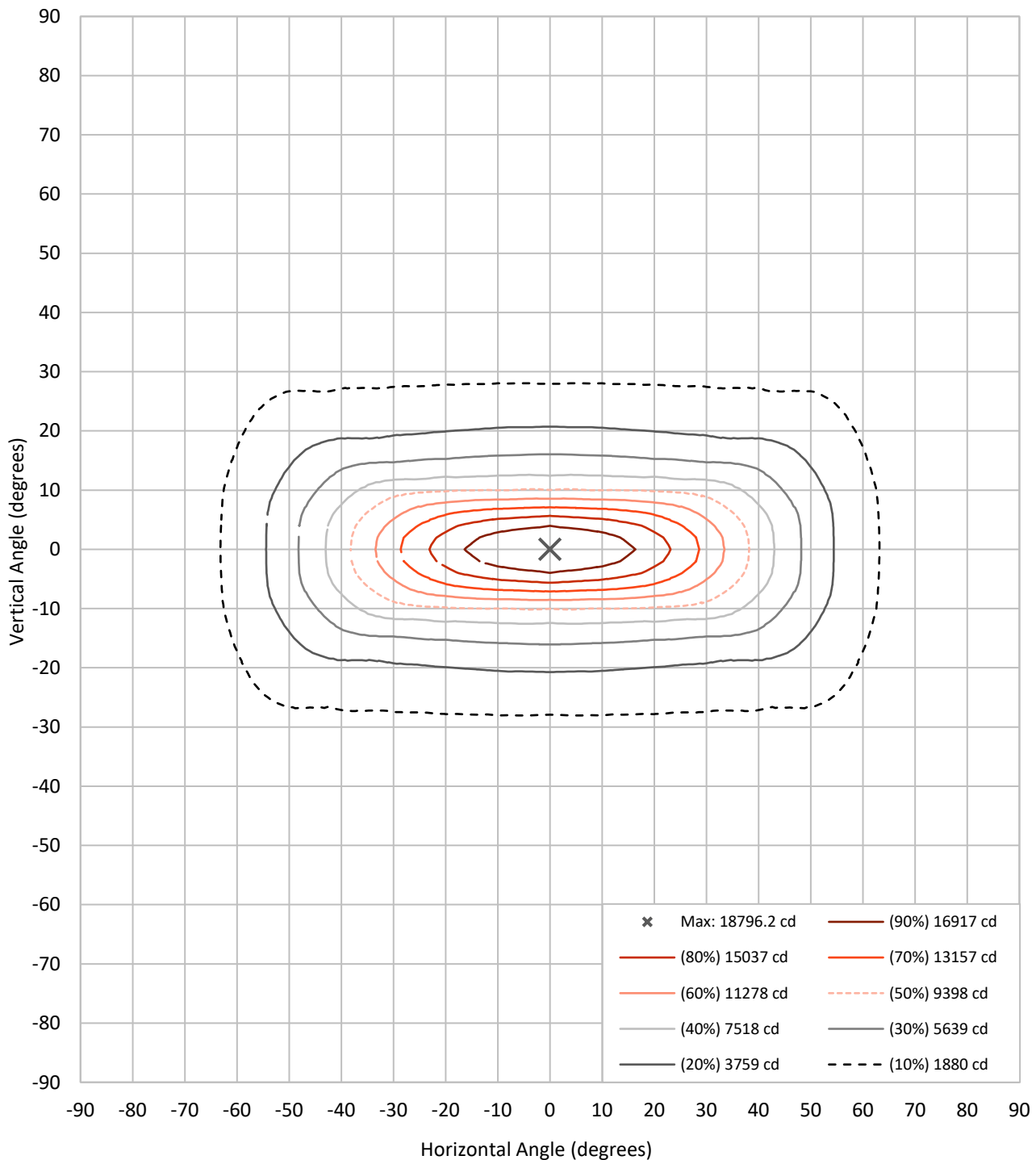
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	13461.5 lumens	Max Intensity:	18796.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	85.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	5385.9 lumens	Field Lumens:	11033.1 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 158
Input Voltage (V): 120
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





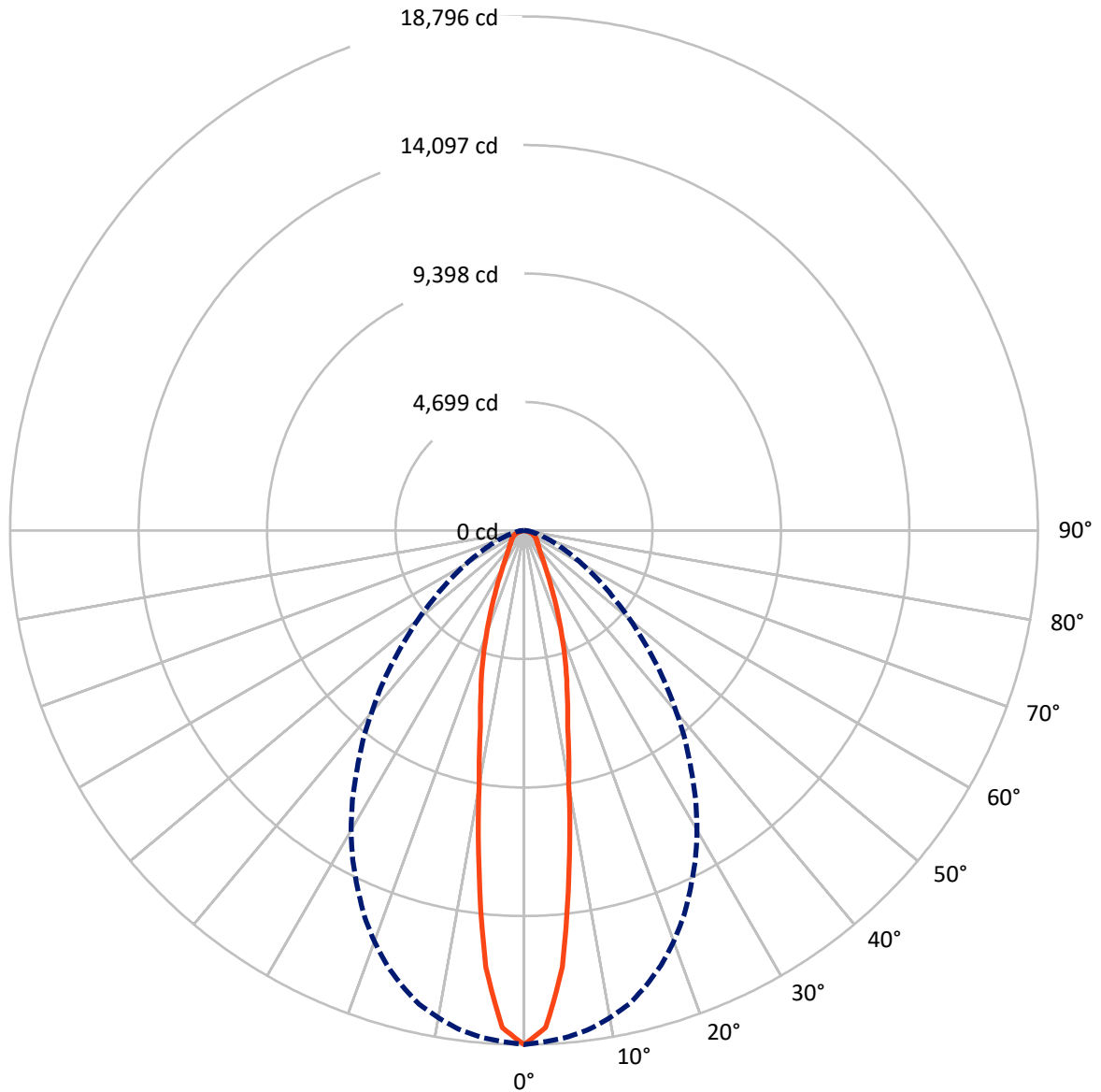
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Lumen Table

90																			
80	0.7	4.7		9.4		13.6		15.4		13.6		9.4		4.7		0.7			
70																			
60	2.9	2.7	4.7	6.5	8.0	9.5	10.9	11.7	11.7	10.9	9.5	8.0	6.5	4.7	2.7	2.9			
50		4.4	7.7	10.3	12.2	14.0	15.6	16.5	16.5	15.6	14.0	12.2	10.3	7.7	4.4				
40	5.8	6.7	11.7	15.5	17.9	19.7	21.2	22.0	22.0	21.2	19.7	17.9	15.5	11.7	6.7	5.8			
30		9.9	18.7	24.7	28.8	31.8	34.0	35.0	35.0	34.0	31.8	28.8	24.7	18.7	9.9				
20	8.9	13.9	31.8	47.4	57.3	66.5	74.0	78.4	78.4	74.0	66.5	57.3	47.4	31.8	13.9	8.9			
10		18.4	49.1	94.4	135.8	161.8	180.2	190.6	190.6	180.2	161.8	135.8	94.4	49.1	18.4				
0	10.2	21.1	63.0	139.1	240.6	341.3	415.4	454.3	454.3	415.4	341.3	240.6	139.1	63.0	21.1	10.2			
-10		21.1	63.0	139.1	240.6	341.3	415.4	454.3	454.3	415.4	341.3	240.6	139.1	63.0	21.1				
-20	8.9	18.4	49.1	94.4	135.8	161.8	180.2	190.6	190.6	180.2	161.8	135.8	94.4	49.1	18.4	8.9			
-30		13.9	31.8	47.4	57.3	66.5	74.0	78.4	78.4	74.0	66.5	57.3	47.4	31.8	13.9				
-40	5.8	9.9	18.7	24.7	28.8	31.8	34.0	35.0	35.0	34.0	31.8	28.8	24.7	18.7	9.9	5.8			
-50		6.7	11.7	15.5	17.9	19.7	21.2	22.0	22.0	21.2	19.7	17.9	15.5	11.7	6.7				
-60	2.9	4.4	7.7	10.3	12.2	14.0	15.6	16.5	16.5	15.6	14.0	12.2	10.3	7.7	4.4	2.9			
-70		2.7	4.7	6.5	8.0	9.5	10.9	11.7	11.7	10.9	9.5	8.0	6.5	4.7	2.7				
-80	0.7	4.7		9.4		13.6		15.4		13.6		9.4		4.7		0.7			
-90																			

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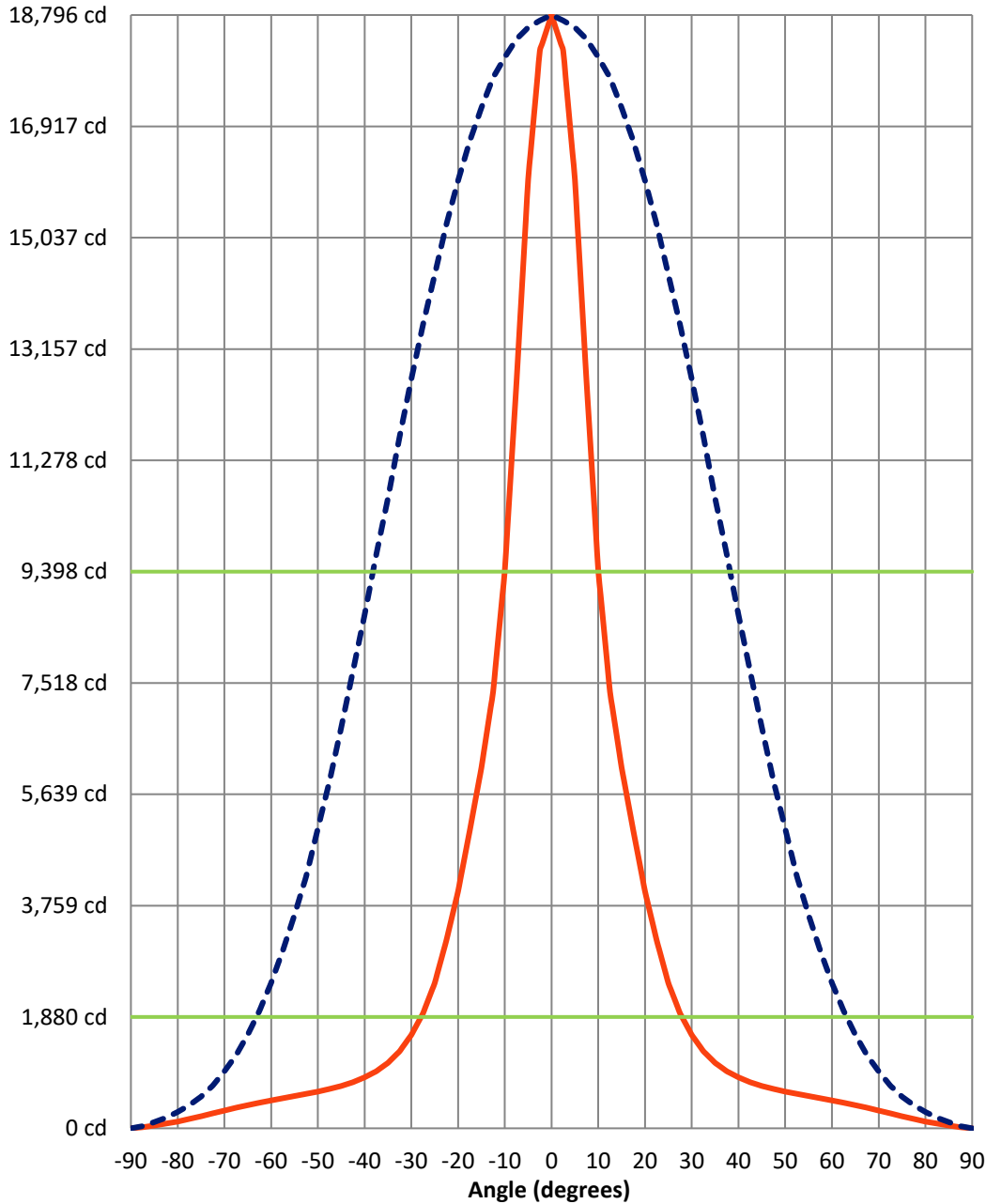
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 76.4°
 V Angle: 20°
 Lumens: 5385.9
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 11033.1
 Efficiency: 82.0%

Spill:
 Lumens: 2428.4
 Efficiency: 18.0%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.6	3.1	4.5	5.6	6.6	7.5	8.5	9.4	10.3	11.1
85°	0.0	3.1	6.2	8.9	11.3	13.3	15.0	17.0	18.9	20.6	22.1
82.5°	0.0	4.7	9.4	13.4	16.9	19.9	22.5	25.5	28.9	34.4	39.5
80°	0.0	6.2	12.5	17.8	22.5	26.6	30.9	39.2	47.0	54.0	60.4
77.5°	0.0	7.8	15.5	22.2	28.1	35.3	45.4	55.5	65.0	73.6	81.8
75°	0.0	9.3	18.6	26.6	34.5	47.8	59.9	71.8	83.2	94.8	104.6
72.5°	0.0	10.8	21.6	31.0	44.8	60.2	74.3	88.6	103.6	116.5	127.5
70°	0.0	12.3	24.5	36.0	55.0	72.5	88.9	107.3	123.9	138.4	152.7
67.5°	0.0	13.7	27.4	43.7	65.1	84.8	105.7	125.9	144.4	163.3	178.6
65°	0.0	15.2	30.3	51.4	75.1	98.1	122.4	144.4	168.0	188.5	206.5
62.5°	0.0	16.6	33.1	59.0	84.9	112.4	139.0	165.2	191.7	214.7	238.2
60°	0.0	17.9	35.9	66.4	94.6	126.7	155.5	186.9	215.5	244.5	270.1
57.5°	0.0	19.3	40.7	73.7	106.1	140.7	174.3	208.6	242.1	274.4	304.7
55°	0.0	20.6	45.5	80.9	117.5	154.6	193.1	230.2	269.4	305.4	341.1
52.5°	0.0	21.9	50.1	87.9	128.6	168.7	211.7	254.4	296.6	340.5	378.6
50°	0.0	23.1	54.6	94.7	139.6	184.1	230.0	279.1	325.4	376.2	423.1
47.5°	0.0	24.2	59.0	101.7	150.3	199.1	248.5	303.9	358.3	412.4	470.0
45°	0.0	25.4	63.2	109.6	160.8	213.8	269.9	328.7	391.9	456.6	518.5
42.5°	0.0	26.5	67.2	117.3	171.0	228.2	291.2	356.2	425.5	501.9	573.8
40°	0.0	27.5	71.1	124.4	181.5	242.1	312.2	385.3	461.4	548.1	631.9
37.5°	0.0	28.5	74.8	131.0	192.2	255.7	333.0	414.1	502.1	596.5	692.0
35°	0.0	29.4	78.3	137.2	202.5	271.0	353.5	442.4	542.7	650.1	757.0
32.5°	0.0	30.3	81.7	143.0	212.4	287.1	374.5	470.2	582.9	704.4	828.6
30°	0.0	31.1	84.8	148.4	221.8	302.7	396.9	498.9	622.8	759.1	901.9
27.5°	0.0	31.8	87.7	153.3	229.6	317.7	418.6	531.3	664.5	814.1	976.4
25°	0.0	32.5	90.5	157.8	236.8	332.0	439.4	562.8	709.4	874.0	1052.0
22.5°	0.0	33.2	93.0	161.8	243.4	344.9	459.4	593.2	753.5	935.8	1134.8
20°	0.0	33.7	95.2	165.4	249.6	354.6	478.3	622.4	796.5	996.8	1216.7
17.5°	0.0	34.2	97.3	168.5	255.1	363.2	492.5	650.1	838.0	1056.5	1297.4
15°	0.0	34.7	99.1	171.2	260.0	370.6	503.2	671.9	877.7	1114.2	1376.0
12.5°	0.0	35.0	100.7	173.4	264.4	376.8	512.3	686.1	906.2	1169.6	1451.8
10°	0.0	35.4	102.0	175.2	268.0	381.8	519.8	697.9	924.4	1195.7	1511.0
7.5°	0.0	35.6	103.1	176.5	271.0	385.7	525.8	707.2	939.1	1212.9	1537.8
5°	0.0	35.8	103.9	177.4	273.3	388.4	530.1	714.0	950.2	1224.7	1558.6
2.5°	0.0	35.9	104.5	177.9	274.9	389.9	532.8	718.3	957.6	1231.4	1572.9
0°	0.0	35.9	104.8	177.9	275.8	390.3	533.8	720.0	961.3	1233.0	1580.6
-2.5°	0.0	35.9	104.5	177.9	274.9	389.9	532.8	718.3	957.6	1231.4	1572.9
-5°	0.0	35.8	103.9	177.4	273.3	388.4	530.1	714.0	950.2	1224.7	1558.6
-7.5°	0.0	35.6	103.1	176.5	271.0	385.7	525.8	707.2	939.1	1212.9	1537.8
-10°	0.0	35.4	102.0	175.2	268.0	381.8	519.8	697.9	924.4	1195.7	1511.0
-12.5°	0.0	35.0	100.7	173.4	264.4	376.8	512.3	686.1	906.2	1169.6	1451.8
-15°	0.0	34.7	99.1	171.2	260.0	370.6	503.2	671.9	877.7	1114.2	1376.0
-17.5°	0.0	34.2	97.3	168.5	255.1	363.2	492.5	650.1	838.0	1056.5	1297.4
-20°	0.0	33.7	95.2	165.4	249.6	354.6	478.3	622.4	796.5	996.8	1216.7



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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°	0.0	33.2	93.0	161.8	243.4	344.9	459.4	593.2	753.5	935.8	1134.8
-25°	0.0	32.5	90.5	157.8	236.8	332.0	439.4	562.8	709.4	874.0	1052.0
-27.5°	0.0	31.8	87.7	153.3	229.6	317.7	418.6	531.3	664.5	814.1	976.4
-30°	0.0	31.1	84.8	148.4	221.8	302.7	396.9	498.9	622.8	759.1	901.9
-32.5°	0.0	30.3	81.7	143.0	212.4	287.1	374.5	470.2	582.9	704.4	828.6
-35°	0.0	29.4	78.3	137.2	202.5	271.0	353.5	442.4	542.7	650.1	757.0
-37.5°	0.0	28.5	74.8	131.0	192.2	255.7	333.0	414.1	502.1	596.5	692.0
-40°	0.0	27.5	71.1	124.4	181.5	242.1	312.2	385.3	461.4	548.1	631.9
-42.5°	0.0	26.5	67.2	117.3	171.0	228.2	291.2	356.2	425.5	501.9	573.8
-45°	0.0	25.4	63.2	109.6	160.8	213.8	269.9	328.7	391.9	456.6	518.5
-47.5°	0.0	24.2	59.0	101.7	150.3	199.1	248.5	303.9	358.3	412.4	470.0
-50°	0.0	23.1	54.6	94.7	139.6	184.1	230.0	279.1	325.4	376.2	423.1
-52.5°	0.0	21.9	50.1	87.9	128.6	168.7	211.7	254.4	296.6	340.5	378.6
-55°	0.0	20.6	45.5	80.9	117.5	154.6	193.1	230.2	269.4	305.4	341.1
-57.5°	0.0	19.3	40.7	73.7	106.1	140.7	174.3	208.6	242.1	274.4	304.7
-60°	0.0	17.9	35.9	66.4	94.6	126.7	155.5	186.9	215.5	244.5	270.1
-62.5°	0.0	16.6	33.1	59.0	84.9	112.4	139.0	165.2	191.7	214.7	238.2
-65°	0.0	15.2	30.3	51.4	75.1	98.1	122.4	144.4	168.0	188.5	206.5
-67.5°	0.0	13.7	27.4	43.7	65.1	84.8	105.7	125.9	144.4	163.3	178.6
-70°	0.0	12.3	24.5	36.0	55.0	72.5	88.9	107.3	123.9	138.4	152.7
-72.5°	0.0	10.8	21.6	31.0	44.8	60.2	74.3	88.6	103.6	116.5	127.5
-75°	0.0	9.3	18.6	26.6	34.5	47.8	59.9	71.8	83.2	94.8	104.6
-77.5°	0.0	7.8	15.5	22.2	28.1	35.3	45.4	55.5	65.0	73.6	81.8
-80°	0.0	6.2	12.5	17.8	22.5	26.6	30.9	39.2	47.0	54.0	60.4
-82.5°	0.0	4.7	9.4	13.4	16.9	19.9	22.5	25.5	28.9	34.4	39.5
-85°	0.0	3.1	6.2	8.9	11.3	13.3	15.0	17.0	18.9	20.6	22.1
-87.5°	0.0	1.6	3.1	4.5	5.6	6.6	7.5	8.5	9.4	10.3	11.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.9	12.7	13.5	14.2	14.9	15.5	16.0	16.5	17.2	17.9	18.6
85°	23.9	25.5	28.2	30.5	32.5	34.3	35.9	37.1	38.5	39.6	40.4
82.5°	43.9	47.6	50.5	52.7	55.2	57.4	59.3	61.0	62.7	64.3	65.7
80°	65.6	69.8	74.1	77.8	81.5	84.3	86.0	86.7	88.9	91.7	94.6
77.5°	89.0	95.3	100.9	105.7	109.6	113.1	115.5	117.0	120.5	124.5	128.0
75°	113.1	120.8	128.6	135.4	140.7	144.7	147.6	150.0	154.1	159.4	163.9
72.5°	138.3	148.8	157.9	165.8	173.0	178.5	182.6	185.3	189.4	195.6	200.6
70°	164.9	176.8	189.2	199.4	207.1	213.5	218.9	222.6	226.3	232.6	237.3
67.5°	192.4	209.4	223.2	233.9	242.4	250.4	256.4	260.4	262.1	268.4	273.7
65°	224.8	243.0	258.3	270.3	278.9	288.7	295.5	298.8	299.9	306.8	313.3
62.5°	257.8	277.9	294.6	308.5	319.6	328.9	336.5	340.8	341.5	346.6	354.1
60°	293.0	313.5	333.5	350.2	362.1	371.7	379.9	384.4	385.3	387.4	396.0
57.5°	329.6	351.8	375.2	393.9	407.8	415.7	424.7	429.7	431.7	430.5	439.3
55°	369.5	392.6	419.0	440.8	455.6	462.8	471.3	478.4	480.9	479.3	484.5
52.5°	414.7	437.7	465.9	489.8	506.4	515.0	521.0	529.6	533.6	531.8	530.8
50°	462.3	491.2	514.4	541.9	561.8	573.2	573.4	584.1	589.3	587.7	580.6
47.5°	516.1	548.7	566.3	597.7	623.6	637.1	638.0	642.2	648.6	650.3	644.3
45°	574.2	614.0	632.9	661.0	690.1	706.5	711.4	703.7	715.1	718.7	714.9
42.5°	635.4	686.2	716.1	727.5	761.3	784.1	792.9	787.4	786.9	794.9	794.7
40°	706.1	764.5	809.3	821.1	838.2	869.7	888.3	887.3	866.4	881.3	885.2
37.5°	781.7	857.6	912.9	937.6	924.6	966.6	993.8	1004.9	991.9	977.3	994.0
35°	861.2	957.2	1031.7	1073.7	1075.6	1074.6	1117.3	1140.3	1141.8	1115.0	1121.1
32.5°	950.3	1062.8	1161.7	1229.5	1260.4	1241.3	1252.4	1300.6	1324.1	1313.9	1275.4
30°	1045.8	1184.0	1305.2	1400.9	1469.8	1490.0	1444.2	1481.7	1534.0	1554.9	1538.1
27.5°	1142.5	1312.5	1466.2	1598.9	1705.6	1773.2	1774.8	1716.8	1776.1	1826.4	1845.8
25°	1240.7	1441.2	1637.0	1816.8	1978.3	2094.6	2148.1	2154.3	2071.4	2146.8	2216.9
22.5°	1345.4	1573.5	1805.9	2048.9	2273.9	2444.6	2574.3	2652.5	2650.0	2570.9	2632.6
20°	1456.1	1717.6	1988.1	2276.4	2583.3	2817.9	3035.3	3201.6	3301.7	3334.9	3270.1
17.5°	1566.7	1862.9	2179.4	2522.8	2878.0	3203.2	3529.0	3794.3	4004.4	4177.0	4238.7
15°	1675.9	2007.9	2371.5	2770.9	3181.3	3588.4	4007.3	4413.5	4771.1	5086.9	5274.0
12.5°	1782.5	2150.9	2562.1	3017.9	3488.8	3978.9	4478.7	4973.6	5488.9	6000.3	6388.9
10°	1885.3	2290.1	2748.7	3260.5	3796.1	4369.3	4949.3	5536.7	6162.6	6765.7	7346.3
7.5°	1929.3	2381.1	2909.5	3495.6	4098.2	4753.7	5412.8	6094.7	6826.0	7529.8	8238.8
5°	1956.4	2417.2	2954.6	3565.3	4235.7	5004.5	5791.0	6635.6	7470.2	8280.4	9115.9
2.5°	1974.4	2441.9	2984.8	3592.8	4256.2	5045.7	5842.0	6719.1	7655.4	8592.3	9586.9
0°	1983.3	2455.0	2999.8	3601.2	4253.6	5059.0	5861.7	6766.5	7715.4	8668.5	9686.3
-2.5°	1974.4	2441.9	2984.8	3592.8	4256.2	5045.7	5842.0	6719.1	7655.4	8592.3	9586.9
-5°	1956.4	2417.2	2954.6	3565.3	4235.7	5004.5	5791.0	6635.6	7470.2	8280.4	9115.9
-7.5°	1929.3	2381.1	2909.5	3495.6	4098.2	4753.7	5412.8	6094.7	6826.0	7529.8	8238.8
-10°	1885.3	2290.1	2748.7	3260.5	3796.1	4369.3	4949.3	5536.7	6162.6	6765.7	7346.3
-12.5°	1782.5	2150.9	2562.1	3017.9	3488.8	3978.9	4478.7	4973.6	5488.9	6000.3	6388.9
-15°	1675.9	2007.9	2371.5	2770.9	3181.3	3588.4	4007.3	4413.5	4771.1	5086.9	5274.0
-17.5°	1566.7	1862.9	2179.4	2522.8	2878.0	3203.2	3529.0	3794.3	4004.4	4177.0	4238.7
-20°	1456.1	1717.6	1988.1	2276.4	2583.3	2817.9	3035.3	3201.6	3301.7	3334.9	3270.1



REPORT NUMBER: P558822 (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°	1345.4	1573.5	1805.9	2048.9	2273.9	2444.6	2574.3	2652.5	2650.0	2570.9	2632.6
-25°	1240.7	1441.2	1637.0	1816.8	1978.3	2094.6	2148.1	2154.3	2071.4	2146.8	2216.9
-27.5°	1142.5	1312.5	1466.2	1598.9	1705.6	1773.2	1774.8	1716.8	1776.1	1826.4	1845.8
-30°	1045.8	1184.0	1305.2	1400.9	1469.8	1490.0	1444.2	1481.7	1534.0	1554.9	1538.1
-32.5°	950.3	1062.8	1161.7	1229.5	1260.4	1241.3	1252.4	1300.6	1324.1	1313.9	1275.4
-35°	861.2	957.2	1031.7	1073.7	1075.6	1074.6	1117.3	1140.3	1141.8	1115.0	1121.1
-37.5°	781.7	857.6	912.9	937.6	924.6	966.6	993.8	1004.9	991.9	977.3	994.0
-40°	706.1	764.5	809.3	821.1	838.2	869.7	888.3	887.3	866.4	881.3	885.2
-42.5°	635.4	686.2	716.1	727.5	761.3	784.1	792.9	787.4	786.9	794.9	794.7
-45°	574.2	614.0	632.9	661.0	690.1	706.5	711.4	703.7	715.1	718.7	714.9
-47.5°	516.1	548.7	566.3	597.7	623.6	637.1	638.0	642.2	648.6	650.3	644.3
-50°	462.3	491.2	514.4	541.9	561.8	573.2	573.4	584.1	589.3	587.7	580.6
-52.5°	414.7	437.7	465.9	489.8	506.4	515.0	521.0	529.6	533.6	531.8	530.8
-55°	369.5	392.6	419.0	440.8	455.6	462.8	471.3	478.4	480.9	479.3	484.5
-57.5°	329.6	351.8	375.2	393.9	407.8	415.7	424.7	429.7	431.7	430.5	439.3
-60°	293.0	313.5	333.5	350.2	362.1	371.7	379.9	384.4	385.3	387.4	396.0
-62.5°	257.8	277.9	294.6	308.5	319.6	328.9	336.5	340.8	341.5	346.6	354.1
-65°	224.8	243.0	258.3	270.3	278.9	288.7	295.5	298.8	299.9	306.8	313.3
-67.5°	192.4	209.4	223.2	233.9	242.4	250.4	256.4	260.4	262.1	268.4	273.7
-70°	164.9	176.8	189.2	199.4	207.1	213.5	218.9	222.6	226.3	232.6	237.3
-72.5°	138.3	148.8	157.9	165.8	173.0	178.5	182.6	185.3	189.4	195.6	200.6
-75°	113.1	120.8	128.6	135.4	140.7	144.7	147.6	150.0	154.1	159.4	163.9
-77.5°	89.0	95.3	100.9	105.7	109.6	113.1	115.5	117.0	120.5	124.5	128.0
-80°	65.6	69.8	74.1	77.8	81.5	84.3	86.0	86.7	88.9	91.7	94.6
-82.5°	43.9	47.6	50.5	52.7	55.2	57.4	59.3	61.0	62.7	64.3	65.7
-85°	23.9	25.5	28.2	30.5	32.5	34.3	35.9	37.1	38.5	39.6	40.4
-87.5°	11.9	12.7	13.5	14.2	14.9	15.5	16.0	16.5	17.2	17.9	18.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558822 (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°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.2	18.9	18.5	18.0	17.5	17.5	17.5	17.4	17.3	17.2	17.0
85°	41.0	41.8	42.6	43.3	44.0	44.7	45.3	45.8	46.2	46.2	46.0
82.5°	66.8	69.1	71.3	73.4	75.4	76.5	77.2	77.8	78.0	78.7	79.2
80°	97.0	100.3	103.4	105.9	107.9	109.5	110.7	111.7	112.4	113.2	113.7
77.5°	131.3	135.0	138.5	141.5	144.1	146.6	148.7	150.4	151.6	153.5	155.3
75°	167.7	171.8	176.1	180.0	183.5	187.1	190.7	194.0	196.9	199.4	201.2
72.5°	204.5	208.9	214.2	219.2	223.8	228.7	233.5	237.7	241.3	244.7	247.8
70°	240.9	244.9	251.8	258.4	264.6	270.4	276.2	281.4	286.0	290.5	294.5
67.5°	278.3	282.6	291.2	298.8	305.7	312.1	318.9	324.9	330.1	334.8	338.9
65°	318.4	322.2	331.4	339.8	347.0	353.1	360.3	366.9	372.8	377.9	382.3
62.5°	359.8	363.6	371.2	379.5	386.4	392.2	400.8	408.2	414.4	419.7	424.1
60°	401.9	405.2	411.0	420.1	427.8	434.2	441.7	448.9	455.0	460.2	464.8
57.5°	445.5	448.8	451.7	460.8	468.2	473.9	480.5	487.6	493.5	498.4	503.2
55°	490.6	493.1	492.2	500.7	507.6	512.3	517.3	524.7	530.6	534.9	539.3
52.5°	536.7	539.7	537.6	541.1	548.7	553.0	555.1	563.2	569.2	573.1	577.1
50°	588.0	590.5	588.6	586.5	593.9	598.3	599.5	606.0	611.5	614.5	617.3
47.5°	643.7	646.6	645.2	637.1	643.7	649.3	649.4	652.2	657.9	660.2	661.9
45°	704.2	710.0	708.7	703.1	702.2	707.9	707.4	705.1	711.7	714.6	715.5
42.5°	783.7	781.8	783.6	780.4	770.3	776.8	777.6	769.4	777.6	781.2	779.1
40°	880.9	863.1	872.9	871.5	862.1	860.7	865.8	859.2	860.4	865.5	861.6
37.5°	996.6	983.9	978.6	983.0	980.2	968.2	977.8	975.5	967.9	976.4	972.7
35°	1139.0	1135.2	1106.6	1124.0	1127.6	1116.2	1119.5	1124.5	1108.1	1121.0	1119.6
32.5°	1305.5	1313.9	1307.8	1297.1	1313.3	1315.4	1296.6	1319.2	1310.1	1313.3	1322.2
30°	1494.0	1537.3	1558.4	1539.6	1549.7	1569.8	1560.6	1576.3	1583.8	1572.0	1594.3
27.5°	1823.5	1808.1	1858.6	1880.6	1857.1	1893.8	1920.5	1908.7	1947.7	1924.6	1957.6
25°	2242.2	2219.7	2233.2	2305.7	2321.8	2303.2	2378.3	2387.2	2418.2	2422.0	2445.0
22.5°	2734.1	2788.5	2782.2	2804.2	2895.4	2925.9	2953.7	3026.0	3009.5	3075.1	3086.5
20°	3284.0	3420.9	3515.2	3534.9	3573.9	3678.7	3726.9	3783.9	3822.2	3884.2	3936.7
17.5°	4214.5	4144.4	4329.2	4445.4	4506.4	4528.3	4654.6	4695.7	4790.5	4844.7	4898.5
15°	5409.0	5449.9	5366.5	5477.2	5664.2	5727.4	5654.8	5824.3	5872.0	5963.3	5979.4
12.5°	6685.8	6892.6	6993.9	7021.4	6923.7	7189.7	7296.3	7162.5	7314.3	7286.9	7411.8
10°	7904.2	8406.4	8707.0	8918.4	9047.0	9124.4	9201.3	9339.6	9342.0	9444.5	9384.7
7.5°	8904.4	9541.1	10149.4	10739.5	11211.5	11476.1	11683.8	11883.1	12149.0	12276.3	12359.1
5°	9883.0	10617.6	11345.4	12060.7	12708.4	13331.6	13942.3	14472.1	14752.9	15080.9	15373.5
2.5°	10515.9	11445.1	12374.6	13295.3	14043.7	14730.4	15366.1	15956.5	16474.4	16953.5	17358.1
0°	10639.4	11679.3	12648.9	13567.5	14410.2	15258.4	15999.1	16666.6	17230.7	17739.7	18083.1
-2.5°	10515.9	11445.1	12374.6	13295.3	14043.7	14730.4	15366.1	15956.5	16474.4	16953.5	17358.1
-5°	9883.0	10617.6	11345.4	12060.7	12708.4	13331.6	13942.3	14472.1	14752.9	15080.9	15373.5
-7.5°	8904.4	9541.1	10149.4	10739.5	11211.5	11476.1	11683.8	11883.1	12149.0	12276.3	12359.1
-10°	7904.2	8406.4	8707.0	8918.4	9047.0	9124.4	9201.3	9339.6	9342.0	9444.5	9384.7
-12.5°	6685.8	6892.6	6993.9	7021.4	6923.7	7189.7	7296.3	7162.5	7314.3	7286.9	7411.8
-15°	5409.0	5449.9	5366.5	5477.2	5664.2	5727.4	5654.8	5824.3	5872.0	5963.3	5979.4
-17.5°	4214.5	4144.4	4329.2	4445.4	4506.4	4528.3	4654.6	4695.7	4790.5	4844.7	4898.5
-20°	3284.0	3420.9	3515.2	3534.9	3573.9	3678.7	3726.9	3783.9	3822.2	3884.2	3936.7



REPORT NUMBER: P558822 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2734.1	2788.5	2782.2	2804.2	2895.4	2925.9	2953.7	3026.0	3009.5	3075.1	3086.5
-25°	2242.2	2219.7	2233.2	2305.7	2321.8	2303.2	2378.3	2387.2	2418.2	2422.0	2445.0
-27.5°	1823.5	1808.1	1858.6	1880.6	1857.1	1893.8	1920.5	1908.7	1947.7	1924.6	1957.6
-30°	1494.0	1537.3	1558.4	1539.6	1549.7	1569.8	1560.6	1576.3	1583.8	1572.0	1594.3
-32.5°	1305.5	1313.9	1307.8	1297.1	1313.3	1315.4	1296.6	1319.2	1310.1	1313.3	1322.2
-35°	1139.0	1135.2	1106.6	1124.0	1127.6	1116.2	1119.5	1124.5	1108.1	1121.0	1119.6
-37.5°	996.6	983.9	978.6	983.0	980.2	968.2	977.8	975.5	967.9	976.4	972.7
-40°	880.9	863.1	872.9	871.5	862.1	860.7	865.8	859.2	860.4	865.5	861.6
-42.5°	783.7	781.8	783.6	780.4	770.3	776.8	777.6	769.4	777.6	781.2	779.1
-45°	704.2	710.0	708.7	703.1	702.2	707.9	707.4	705.1	711.7	714.6	715.5
-47.5°	643.7	646.6	645.2	637.1	643.7	649.3	649.4	652.2	657.9	660.2	661.9
-50°	588.0	590.5	588.6	586.5	593.9	598.3	599.5	606.0	611.5	614.5	617.3
-52.5°	536.7	539.7	537.6	541.1	548.7	553.0	555.1	563.2	569.2	573.1	577.1
-55°	490.6	493.1	492.2	500.7	507.6	512.3	517.3	524.7	530.6	534.9	539.3
-57.5°	445.5	448.8	451.7	460.8	468.2	473.9	480.5	487.6	493.5	498.4	503.2
-60°	401.9	405.2	411.0	420.1	427.8	434.2	441.7	448.9	455.0	460.2	464.8
-62.5°	359.8	363.6	371.2	379.5	386.4	392.2	400.8	408.2	414.4	419.7	424.1
-65°	318.4	322.2	331.4	339.8	347.0	353.1	360.3	366.9	372.8	377.9	382.3
-67.5°	278.3	282.6	291.2	298.8	305.7	312.1	318.9	324.9	330.1	334.8	338.9
-70°	240.9	244.9	251.8	258.4	264.6	270.4	276.2	281.4	286.0	290.5	294.5
-72.5°	204.5	208.9	214.2	219.2	223.8	228.7	233.5	237.7	241.3	244.7	247.8
-75°	167.7	171.8	176.1	180.0	183.5	187.1	190.7	194.0	196.9	199.4	201.2
-77.5°	131.3	135.0	138.5	141.5	144.1	146.6	148.7	150.4	151.6	153.5	155.3
-80°	97.0	100.3	103.4	105.9	107.9	109.5	110.7	111.7	112.4	113.2	113.7
-82.5°	66.8	69.1	71.3	73.4	75.4	76.5	77.2	77.8	78.0	78.7	79.2
-85°	41.0	41.8	42.6	43.3	44.0	44.7	45.3	45.8	46.2	46.2	46.0
-87.5°	19.2	18.9	18.5	18.0	17.5	17.5	17.5	17.4	17.3	17.2	17.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558822 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.8	16.5	17.2	17.9	17.2	16.5	16.8	17.0	17.2	17.3	17.4
85°	45.7	45.3	46.1	46.9	46.1	45.3	45.7	46.0	46.2	46.2	45.8
82.5°	79.5	79.6	79.9	80.0	79.9	79.6	79.5	79.2	78.7	78.0	77.8
80°	114.0	114.0	113.7	113.1	113.7	114.0	114.0	113.7	113.2	112.4	111.7
77.5°	156.7	157.7	158.4	158.6	158.4	157.7	156.7	155.3	153.5	151.6	150.4
75°	202.4	203.1	203.2	202.7	203.2	203.1	202.4	201.2	199.4	196.9	194.0
72.5°	250.4	252.4	252.8	252.4	252.8	252.4	250.4	247.8	244.7	241.3	237.7
70°	297.9	300.5	300.4	299.3	300.4	300.5	297.9	294.5	290.5	286.0	281.4
67.5°	342.2	344.5	346.4	347.6	346.4	344.5	342.2	338.9	334.8	330.1	324.9
65°	385.8	388.4	389.9	390.3	389.9	388.4	385.8	382.3	377.9	372.8	366.9
62.5°	427.4	429.8	431.2	431.7	431.2	429.8	427.4	424.1	419.7	414.4	408.2
60°	468.4	471.0	471.4	470.3	471.4	471.0	468.4	464.8	460.2	455.0	448.9
57.5°	506.9	509.6	509.5	507.6	509.5	509.6	506.9	503.2	498.4	493.5	487.6
55°	542.4	544.4	545.1	544.8	545.1	544.4	542.4	539.3	534.9	530.6	524.7
52.5°	580.1	581.6	582.3	582.0	582.3	581.6	580.1	577.1	573.1	569.2	563.2
50°	619.4	619.6	619.5	619.3	619.5	619.6	619.4	617.3	614.5	611.5	606.0
47.5°	664.3	664.7	664.8	664.8	664.8	664.7	664.3	661.9	660.2	657.9	652.2
45°	717.3	715.8	714.3	714.4	714.3	715.8	717.3	715.5	714.6	711.7	705.1
42.5°	781.0	779.4	777.4	777.9	777.4	779.4	781.0	779.1	781.2	777.6	769.4
40°	864.9	864.5	861.7	860.6	861.7	864.5	864.9	861.6	865.5	860.4	859.2
37.5°	973.3	971.7	965.4	962.7	965.4	971.7	973.3	972.7	976.4	967.9	975.5
35°	1115.8	1113.7	1104.0	1104.8	1104.0	1113.7	1115.8	1119.6	1121.0	1108.1	1124.5
32.5°	1317.8	1318.5	1303.9	1300.6	1303.9	1318.5	1317.8	1322.2	1313.3	1310.1	1319.2
30°	1580.4	1586.2	1569.1	1576.5	1569.1	1586.2	1580.4	1594.3	1572.0	1583.8	1576.3
27.5°	1957.0	1968.0	1952.8	1940.6	1952.8	1968.0	1957.0	1957.6	1924.6	1947.7	1908.7
25°	2475.2	2483.3	2466.0	2450.9	2466.0	2483.3	2475.2	2445.0	2422.0	2418.2	2387.2
22.5°	3149.7	3149.2	3148.3	3172.2	3148.3	3149.2	3149.7	3086.5	3075.1	3009.5	3026.0
20°	3970.6	3950.7	3980.5	3999.8	3980.5	3950.7	3970.6	3936.7	3884.2	3822.2	3783.9
17.5°	4910.9	4948.2	4976.8	5024.5	4976.8	4948.2	4910.9	4898.5	4844.7	4790.5	4695.7
15°	6019.8	6076.1	6104.7	6089.3	6104.7	6076.1	6019.8	5979.4	5963.3	5872.0	5824.3
12.5°	7416.2	7483.3	7433.7	7372.0	7433.7	7483.3	7416.2	7411.8	7286.9	7314.3	7162.5
10°	9385.6	9530.1	9538.2	9417.4	9538.2	9530.1	9385.6	9384.7	9444.5	9342.0	9339.6
7.5°	12407.2	12477.4	12584.2	12589.6	12584.2	12477.4	12407.2	12359.1	12276.3	12149.0	11883.1
5°	15506.0	15693.2	15813.9	16022.5	15813.9	15693.2	15506.0	15373.5	15080.9	14752.9	14472.1
2.5°	17619.4	17861.4	17954.3	18190.7	17954.3	17861.4	17619.4	17358.1	16953.5	16474.4	15956.5
0°	18389.3	18585.1	18702.4	18796.2	18702.4	18585.1	18389.3	18083.1	17739.7	17230.7	16666.6
-2.5°	17619.4	17861.4	17954.3	18190.7	17954.3	17861.4	17619.4	17358.1	16953.5	16474.4	15956.5
-5°	15506.0	15693.2	15813.9	16022.5	15813.9	15693.2	15506.0	15373.5	15080.9	14752.9	14472.1
-7.5°	12407.2	12477.4	12584.2	12589.6	12584.2	12477.4	12407.2	12359.1	12276.3	12149.0	11883.1
-10°	9385.6	9530.1	9538.2	9417.4	9538.2	9530.1	9385.6	9384.7	9444.5	9342.0	9339.6
-12.5°	7416.2	7483.3	7433.7	7372.0	7433.7	7483.3	7416.2	7411.8	7286.9	7314.3	7162.5
-15°	6019.8	6076.1	6104.7	6089.3	6104.7	6076.1	6019.8	5979.4	5963.3	5872.0	5824.3
-17.5°	4910.9	4948.2	4976.8	5024.5	4976.8	4948.2	4910.9	4898.5	4844.7	4790.5	4695.7
-20°	3970.6	3950.7	3980.5	3999.8	3980.5	3950.7	3970.6	3936.7	3884.2	3822.2	3783.9



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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°	3149.7	3149.2	3148.3	3172.2	3148.3	3149.2	3149.7	3086.5	3075.1	3009.5	3026.0
-25°	2475.2	2483.3	2466.0	2450.9	2466.0	2483.3	2475.2	2445.0	2422.0	2418.2	2387.2
-27.5°	1957.0	1968.0	1952.8	1940.6	1952.8	1968.0	1957.0	1957.6	1924.6	1947.7	1908.7
-30°	1580.4	1586.2	1569.1	1576.5	1569.1	1586.2	1580.4	1594.3	1572.0	1583.8	1576.3
-32.5°	1317.8	1318.5	1303.9	1300.6	1303.9	1318.5	1317.8	1322.2	1313.3	1310.1	1319.2
-35°	1115.8	1113.7	1104.0	1104.8	1104.0	1113.7	1115.8	1119.6	1121.0	1108.1	1124.5
-37.5°	973.3	971.7	965.4	962.7	965.4	971.7	973.3	972.7	976.4	967.9	975.5
-40°	864.9	864.5	861.7	860.6	861.7	864.5	864.9	861.6	865.5	860.4	859.2
-42.5°	781.0	779.4	777.4	777.9	777.4	779.4	781.0	779.1	781.2	777.6	769.4
-45°	717.3	715.8	714.3	714.4	714.3	715.8	717.3	715.5	714.6	711.7	705.1
-47.5°	664.3	664.7	664.8	664.8	664.8	664.7	664.3	661.9	660.2	657.9	652.2
-50°	619.4	619.6	619.5	619.3	619.5	619.6	619.4	617.3	614.5	611.5	606.0
-52.5°	580.1	581.6	582.3	582.0	582.3	581.6	580.1	577.1	573.1	569.2	563.2
-55°	542.4	544.4	545.1	544.8	545.1	544.4	542.4	539.3	534.9	530.6	524.7
-57.5°	506.9	509.6	509.5	507.6	509.5	509.6	506.9	503.2	498.4	493.5	487.6
-60°	468.4	471.0	471.4	470.3	471.4	471.0	468.4	464.8	460.2	455.0	448.9
-62.5°	427.4	429.8	431.2	431.7	431.2	429.8	427.4	424.1	419.7	414.4	408.2
-65°	385.8	388.4	389.9	390.3	389.9	388.4	385.8	382.3	377.9	372.8	366.9
-67.5°	342.2	344.5	346.4	347.6	346.4	344.5	342.2	338.9	334.8	330.1	324.9
-70°	297.9	300.5	300.4	299.3	300.4	300.5	297.9	294.5	290.5	286.0	281.4
-72.5°	250.4	252.4	252.8	252.4	252.8	252.4	250.4	247.8	244.7	241.3	237.7
-75°	202.4	203.1	203.2	202.7	203.2	203.1	202.4	201.2	199.4	196.9	194.0
-77.5°	156.7	157.7	158.4	158.6	158.4	157.7	156.7	155.3	153.5	151.6	150.4
-80°	114.0	114.0	113.7	113.1	113.7	114.0	114.0	113.7	113.2	112.4	111.7
-82.5°	79.5	79.6	79.9	80.0	79.9	79.6	79.5	79.2	78.7	78.0	77.8
-85°	45.7	45.3	46.1	46.9	46.1	45.3	45.7	46.0	46.2	46.2	45.8
-87.5°	16.8	16.5	17.2	17.9	17.2	16.5	16.8	17.0	17.2	17.3	17.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.5	17.5	17.5	18.0	18.5	18.9	19.2	18.6	17.9	17.2	16.5
85°	45.3	44.7	44.0	43.3	42.6	41.8	41.0	40.4	39.6	38.5	37.1
82.5°	77.2	76.5	75.4	73.4	71.3	69.1	66.8	65.7	64.3	62.7	61.0
80°	110.7	109.5	107.9	105.9	103.4	100.3	97.0	94.6	91.7	88.9	86.7
77.5°	148.7	146.6	144.1	141.5	138.5	135.0	131.3	128.0	124.5	120.5	117.0
75°	190.7	187.1	183.5	180.0	176.1	171.8	167.7	163.9	159.4	154.1	150.0
72.5°	233.5	228.7	223.8	219.2	214.2	208.9	204.5	200.6	195.6	189.4	185.3
70°	276.2	270.4	264.6	258.4	251.8	244.9	240.9	237.3	232.6	226.3	222.6
67.5°	318.9	312.1	305.7	298.8	291.2	282.6	278.3	273.7	268.4	262.1	260.4
65°	360.3	353.1	347.0	339.8	331.4	322.2	318.4	313.3	306.8	299.9	298.8
62.5°	400.8	392.2	386.4	379.5	371.2	363.6	359.8	354.1	346.6	341.5	340.8
60°	441.7	434.2	427.8	420.1	411.0	405.2	401.9	396.0	387.4	385.3	384.4
57.5°	480.5	473.9	468.2	460.8	451.7	448.8	445.5	439.3	430.5	431.7	429.7
55°	517.3	512.3	507.6	500.7	492.2	493.1	490.6	484.5	479.3	480.9	478.4
52.5°	555.1	553.0	548.7	541.1	537.6	539.7	536.7	530.8	531.8	533.6	529.6
50°	599.5	598.3	593.9	586.5	588.6	590.5	588.0	580.6	587.7	589.3	584.1
47.5°	649.4	649.3	643.7	637.1	645.2	646.6	643.7	644.3	650.3	648.6	642.2
45°	707.4	707.9	702.2	703.1	708.7	710.0	704.2	714.9	718.7	715.1	703.7
42.5°	777.6	776.8	770.3	780.4	783.6	781.8	783.7	794.7	794.9	786.9	787.4
40°	865.8	860.7	862.1	871.5	872.9	863.1	880.9	885.2	881.3	866.4	887.3
37.5°	977.8	968.2	980.2	983.0	978.6	983.9	996.6	994.0	977.3	991.9	1004.9
35°	1119.5	1116.2	1127.6	1124.0	1106.6	1135.2	1139.0	1121.1	1115.0	1141.8	1140.3
32.5°	1296.6	1315.4	1313.3	1297.1	1307.8	1313.9	1305.5	1275.4	1313.9	1324.1	1300.6
30°	1560.6	1569.8	1549.7	1539.6	1558.4	1537.3	1494.0	1538.1	1554.9	1534.0	1481.7
27.5°	1920.5	1893.8	1857.1	1880.6	1858.6	1808.1	1823.5	1845.8	1826.4	1776.1	1716.8
25°	2378.3	2303.2	2321.8	2305.7	2233.2	2219.7	2242.2	2216.9	2146.8	2071.4	2154.3
22.5°	2953.7	2925.9	2895.4	2804.2	2782.2	2788.5	2734.1	2632.6	2570.9	2650.0	2652.5
20°	3726.9	3678.7	3573.9	3534.9	3515.2	3420.9	3284.0	3270.1	3334.9	3301.7	3201.6
17.5°	4654.6	4528.3	4506.4	4445.4	4329.2	4144.4	4214.5	4238.7	4177.0	4004.4	3794.3
15°	5654.8	5727.4	5664.2	5477.2	5366.5	5449.9	5409.0	5274.0	5086.9	4771.1	4413.5
12.5°	7296.3	7189.7	6923.7	7021.4	6993.9	6892.6	6685.8	6388.9	6000.3	5488.9	4973.6
10°	9201.3	9124.4	9047.0	8918.4	8707.0	8406.4	7904.2	7346.3	6765.7	6162.6	5536.7
7.5°	11683.8	11476.1	11211.5	10739.5	10149.4	9541.1	8904.4	8238.8	7529.8	6826.0	6094.7
5°	13942.3	13331.6	12708.4	12060.7	11345.4	10617.6	9883.0	9115.9	8280.4	7470.2	6635.6
2.5°	15366.1	14730.4	14043.7	13295.3	12374.6	11445.1	10515.9	9586.9	8592.3	7655.4	6719.1
0°	15999.1	15258.4	14410.2	13567.5	12648.9	11679.3	10639.4	9686.3	8668.5	7715.4	6766.5
-2.5°	15366.1	14730.4	14043.7	13295.3	12374.6	11445.1	10515.9	9586.9	8592.3	7655.4	6719.1
-5°	13942.3	13331.6	12708.4	12060.7	11345.4	10617.6	9883.0	9115.9	8280.4	7470.2	6635.6
-7.5°	11683.8	11476.1	11211.5	10739.5	10149.4	9541.1	8904.4	8238.8	7529.8	6826.0	6094.7
-10°	9201.3	9124.4	9047.0	8918.4	8707.0	8406.4	7904.2	7346.3	6765.7	6162.6	5536.7
-12.5°	7296.3	7189.7	6923.7	7021.4	6993.9	6892.6	6685.8	6388.9	6000.3	5488.9	4973.6
-15°	5654.8	5727.4	5664.2	5477.2	5366.5	5449.9	5409.0	5274.0	5086.9	4771.1	4413.5
-17.5°	4654.6	4528.3	4506.4	4445.4	4329.2	4144.4	4214.5	4238.7	4177.0	4004.4	3794.3
-20°	3726.9	3678.7	3573.9	3534.9	3515.2	3420.9	3284.0	3270.1	3334.9	3301.7	3201.6



REPORT NUMBER: P558822 (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°	2953.7	2925.9	2895.4	2804.2	2782.2	2788.5	2734.1	2632.6	2570.9	2650.0	2652.5
-25°	2378.3	2303.2	2321.8	2305.7	2233.2	2219.7	2242.2	2216.9	2146.8	2071.4	2154.3
-27.5°	1920.5	1893.8	1857.1	1880.6	1858.6	1808.1	1823.5	1845.8	1826.4	1776.1	1716.8
-30°	1560.6	1569.8	1549.7	1539.6	1558.4	1537.3	1494.0	1538.1	1554.9	1534.0	1481.7
-32.5°	1296.6	1315.4	1313.3	1297.1	1307.8	1313.9	1305.5	1275.4	1313.9	1324.1	1300.6
-35°	1119.5	1116.2	1127.6	1124.0	1106.6	1135.2	1139.0	1121.1	1115.0	1141.8	1140.3
-37.5°	977.8	968.2	980.2	983.0	978.6	983.9	996.6	994.0	977.3	991.9	1004.9
-40°	865.8	860.7	862.1	871.5	872.9	863.1	880.9	885.2	881.3	866.4	887.3
-42.5°	777.6	776.8	770.3	780.4	783.6	781.8	783.7	794.7	794.9	786.9	787.4
-45°	707.4	707.9	702.2	703.1	708.7	710.0	704.2	714.9	718.7	715.1	703.7
-47.5°	649.4	649.3	643.7	637.1	645.2	646.6	643.7	644.3	650.3	648.6	642.2
-50°	599.5	598.3	593.9	586.5	588.6	590.5	588.0	580.6	587.7	589.3	584.1
-52.5°	555.1	553.0	548.7	541.1	537.6	539.7	536.7	530.8	531.8	533.6	529.6
-55°	517.3	512.3	507.6	500.7	492.2	493.1	490.6	484.5	479.3	480.9	478.4
-57.5°	480.5	473.9	468.2	460.8	451.7	448.8	445.5	439.3	430.5	431.7	429.7
-60°	441.7	434.2	427.8	420.1	411.0	405.2	401.9	396.0	387.4	385.3	384.4
-62.5°	400.8	392.2	386.4	379.5	371.2	363.6	359.8	354.1	346.6	341.5	340.8
-65°	360.3	353.1	347.0	339.8	331.4	322.2	318.4	313.3	306.8	299.9	298.8
-67.5°	318.9	312.1	305.7	298.8	291.2	282.6	278.3	273.7	268.4	262.1	260.4
-70°	276.2	270.4	264.6	258.4	251.8	244.9	240.9	237.3	232.6	226.3	222.6
-72.5°	233.5	228.7	223.8	219.2	214.2	208.9	204.5	200.6	195.6	189.4	185.3
-75°	190.7	187.1	183.5	180.0	176.1	171.8	167.7	163.9	159.4	154.1	150.0
-77.5°	148.7	146.6	144.1	141.5	138.5	135.0	131.3	128.0	124.5	120.5	117.0
-80°	110.7	109.5	107.9	105.9	103.4	100.3	97.0	94.6	91.7	88.9	86.7
-82.5°	77.2	76.5	75.4	73.4	71.3	69.1	66.8	65.7	64.3	62.7	61.0
-85°	45.3	44.7	44.0	43.3	42.6	41.8	41.0	40.4	39.6	38.5	37.1
-87.5°	17.5	17.5	17.5	18.0	18.5	18.9	19.2	18.6	17.9	17.2	16.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558822 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.0	15.5	14.9	14.2	13.5	12.7	11.9	11.1	10.3	9.4	8.5
85°	35.9	34.3	32.5	30.5	28.2	25.5	23.9	22.1	20.6	18.9	17.0
82.5°	59.3	57.4	55.2	52.7	50.5	47.6	43.9	39.5	34.4	28.9	25.5
80°	86.0	84.3	81.5	77.8	74.1	69.8	65.6	60.4	54.0	47.0	39.2
77.5°	115.5	113.1	109.6	105.7	100.9	95.3	89.0	81.8	73.6	65.0	55.5
75°	147.6	144.7	140.7	135.4	128.6	120.8	113.1	104.6	94.8	83.2	71.8
72.5°	182.6	178.5	173.0	165.8	157.9	148.8	138.3	127.5	116.5	103.6	88.6
70°	218.9	213.5	207.1	199.4	189.2	176.8	164.9	152.7	138.4	123.9	107.3
67.5°	256.4	250.4	242.4	233.9	223.2	209.4	192.4	178.6	163.3	144.4	125.9
65°	295.5	288.7	278.9	270.3	258.3	243.0	224.8	206.5	188.5	168.0	144.4
62.5°	336.5	328.9	319.6	308.5	294.6	277.9	257.8	238.2	214.7	191.7	165.2
60°	379.9	371.7	362.1	350.2	333.5	313.5	293.0	270.1	244.5	215.5	186.9
57.5°	424.7	415.7	407.8	393.9	375.2	351.8	329.6	304.7	274.4	242.1	208.6
55°	471.3	462.8	455.6	440.8	419.0	392.6	369.5	341.1	305.4	269.4	230.2
52.5°	521.0	515.0	506.4	489.8	465.9	437.7	414.7	378.6	340.5	296.6	254.4
50°	573.4	573.2	561.8	541.9	514.4	491.2	462.3	423.1	376.2	325.4	279.1
47.5°	638.0	637.1	623.6	597.7	566.3	548.7	516.1	470.0	412.4	358.3	303.9
45°	711.4	706.5	690.1	661.0	632.9	614.0	574.2	518.5	456.6	391.9	328.7
42.5°	792.9	784.1	761.3	727.5	716.1	686.2	635.4	573.8	501.9	425.5	356.2
40°	888.3	869.7	838.2	821.1	809.3	764.5	706.1	631.9	548.1	461.4	385.3
37.5°	993.8	966.6	924.6	937.6	912.9	857.6	781.7	692.0	596.5	502.1	414.1
35°	1117.3	1074.6	1075.6	1073.7	1031.7	957.2	861.2	757.0	650.1	542.7	442.4
32.5°	1252.4	1241.3	1260.4	1229.5	1161.7	1062.8	950.3	828.6	704.4	582.9	470.2
30°	1444.2	1490.0	1469.8	1400.9	1305.2	1184.0	1045.8	901.9	759.1	622.8	498.9
27.5°	1774.8	1773.2	1705.6	1598.9	1466.2	1312.5	1142.5	976.4	814.1	664.5	531.3
25°	2148.1	2094.6	1978.3	1816.8	1637.0	1441.2	1240.7	1052.0	874.0	709.4	562.8
22.5°	2574.3	2444.6	2273.9	2048.9	1805.9	1573.5	1345.4	1134.8	935.8	753.5	593.2
20°	3035.3	2817.9	2583.3	2276.4	1988.1	1717.6	1456.1	1216.7	996.8	796.5	622.4
17.5°	3529.0	3203.2	2878.0	2522.8	2179.4	1862.9	1566.7	1297.4	1056.5	838.0	650.1
15°	4007.3	3588.4	3181.3	2770.9	2371.5	2007.9	1675.9	1376.0	1114.2	877.7	671.9
12.5°	4478.7	3978.9	3488.8	3017.9	2562.1	2150.9	1782.5	1451.8	1169.6	906.2	686.1
10°	4949.3	4369.3	3796.1	3260.5	2748.7	2290.1	1885.3	1511.0	1195.7	924.4	697.9
7.5°	5412.8	4753.7	4098.2	3495.6	2909.5	2381.1	1929.3	1537.8	1212.9	939.1	707.2
5°	5791.0	5004.5	4235.7	3565.3	2954.6	2417.2	1956.4	1558.6	1224.7	950.2	714.0
2.5°	5842.0	5045.7	4256.2	3592.8	2984.8	2441.9	1974.4	1572.9	1231.4	957.6	718.3
0°	5861.7	5059.0	4253.6	3601.2	2999.8	2455.0	1983.3	1580.6	1233.0	961.3	720.0
-2.5°	5842.0	5045.7	4256.2	3592.8	2984.8	2441.9	1974.4	1572.9	1231.4	957.6	718.3
-5°	5791.0	5004.5	4235.7	3565.3	2954.6	2417.2	1956.4	1558.6	1224.7	950.2	714.0
-7.5°	5412.8	4753.7	4098.2	3495.6	2909.5	2381.1	1929.3	1537.8	1212.9	939.1	707.2
-10°	4949.3	4369.3	3796.1	3260.5	2748.7	2290.1	1885.3	1511.0	1195.7	924.4	697.9
-12.5°	4478.7	3978.9	3488.8	3017.9	2562.1	2150.9	1782.5	1451.8	1169.6	906.2	686.1
-15°	4007.3	3588.4	3181.3	2770.9	2371.5	2007.9	1675.9	1376.0	1114.2	877.7	671.9
-17.5°	3529.0	3203.2	2878.0	2522.8	2179.4	1862.9	1566.7	1297.4	1056.5	838.0	650.1
-20°	3035.3	2817.9	2583.3	2276.4	1988.1	1717.6	1456.1	1216.7	996.8	796.5	622.4



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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°	2574.3	2444.6	2273.9	2048.9	1805.9	1573.5	1345.4	1134.8	935.8	753.5	593.2
-25°	2148.1	2094.6	1978.3	1816.8	1637.0	1441.2	1240.7	1052.0	874.0	709.4	562.8
-27.5°	1774.8	1773.2	1705.6	1598.9	1466.2	1312.5	1142.5	976.4	814.1	664.5	531.3
-30°	1444.2	1490.0	1469.8	1400.9	1305.2	1184.0	1045.8	901.9	759.1	622.8	498.9
-32.5°	1252.4	1241.3	1260.4	1229.5	1161.7	1062.8	950.3	828.6	704.4	582.9	470.2
-35°	1117.3	1074.6	1075.6	1073.7	1031.7	957.2	861.2	757.0	650.1	542.7	442.4
-37.5°	993.8	966.6	924.6	937.6	912.9	857.6	781.7	692.0	596.5	502.1	414.1
-40°	888.3	869.7	838.2	821.1	809.3	764.5	706.1	631.9	548.1	461.4	385.3
-42.5°	792.9	784.1	761.3	727.5	716.1	686.2	635.4	573.8	501.9	425.5	356.2
-45°	711.4	706.5	690.1	661.0	632.9	614.0	574.2	518.5	456.6	391.9	328.7
-47.5°	638.0	637.1	623.6	597.7	566.3	548.7	516.1	470.0	412.4	358.3	303.9
-50°	573.4	573.2	561.8	541.9	514.4	491.2	462.3	423.1	376.2	325.4	279.1
-52.5°	521.0	515.0	506.4	489.8	465.9	437.7	414.7	378.6	340.5	296.6	254.4
-55°	471.3	462.8	455.6	440.8	419.0	392.6	369.5	341.1	305.4	269.4	230.2
-57.5°	424.7	415.7	407.8	393.9	375.2	351.8	329.6	304.7	274.4	242.1	208.6
-60°	379.9	371.7	362.1	350.2	333.5	313.5	293.0	270.1	244.5	215.5	186.9
-62.5°	336.5	328.9	319.6	308.5	294.6	277.9	257.8	238.2	214.7	191.7	165.2
-65°	295.5	288.7	278.9	270.3	258.3	243.0	224.8	206.5	188.5	168.0	144.4
-67.5°	256.4	250.4	242.4	233.9	223.2	209.4	192.4	178.6	163.3	144.4	125.9
-70°	218.9	213.5	207.1	199.4	189.2	176.8	164.9	152.7	138.4	123.9	107.3
-72.5°	182.6	178.5	173.0	165.8	157.9	148.8	138.3	127.5	116.5	103.6	88.6
-75°	147.6	144.7	140.7	135.4	128.6	120.8	113.1	104.6	94.8	83.2	71.8
-77.5°	115.5	113.1	109.6	105.7	100.9	95.3	89.0	81.8	73.6	65.0	55.5
-80°	86.0	84.3	81.5	77.8	74.1	69.8	65.6	60.4	54.0	47.0	39.2
-82.5°	59.3	57.4	55.2	52.7	50.5	47.6	43.9	39.5	34.4	28.9	25.5
-85°	35.9	34.3	32.5	30.5	28.2	25.5	23.9	22.1	20.6	18.9	17.0
-87.5°	16.0	15.5	14.9	14.2	13.5	12.7	11.9	11.1	10.3	9.4	8.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.5	6.6	5.6	4.5	3.1	1.6	0.0
85°	15.0	13.3	11.3	8.9	6.2	3.1	0.0
82.5°	22.5	19.9	16.9	13.4	9.4	4.7	0.0
80°	30.9	26.6	22.5	17.8	12.5	6.2	0.0
77.5°	45.4	35.3	28.1	22.2	15.5	7.8	0.0
75°	59.9	47.8	34.5	26.6	18.6	9.3	0.0
72.5°	74.3	60.2	44.8	31.0	21.6	10.8	0.0
70°	88.9	72.5	55.0	36.0	24.5	12.3	0.0
67.5°	105.7	84.8	65.1	43.7	27.4	13.7	0.0
65°	122.4	98.1	75.1	51.4	30.3	15.2	0.0
62.5°	139.0	112.4	84.9	59.0	33.1	16.6	0.0
60°	155.5	126.7	94.6	66.4	35.9	17.9	0.0
57.5°	174.3	140.7	106.1	73.7	40.7	19.3	0.0
55°	193.1	154.6	117.5	80.9	45.5	20.6	0.0
52.5°	211.7	168.7	128.6	87.9	50.1	21.9	0.0
50°	230.0	184.1	139.6	94.7	54.6	23.1	0.0
47.5°	248.5	199.1	150.3	101.7	59.0	24.2	0.0
45°	269.9	213.8	160.8	109.6	63.2	25.4	0.0
42.5°	291.2	228.2	171.0	117.3	67.2	26.5	0.0
40°	312.2	242.1	181.5	124.4	71.1	27.5	0.0
37.5°	333.0	255.7	192.2	131.0	74.8	28.5	0.0
35°	353.5	271.0	202.5	137.2	78.3	29.4	0.0
32.5°	374.5	287.1	212.4	143.0	81.7	30.3	0.0
30°	396.9	302.7	221.8	148.4	84.8	31.1	0.0
27.5°	418.6	317.7	229.6	153.3	87.7	31.8	0.0
25°	439.4	332.0	236.8	157.8	90.5	32.5	0.0
22.5°	459.4	344.9	243.4	161.8	93.0	33.2	0.0
20°	478.3	354.6	249.6	165.4	95.2	33.7	0.0
17.5°	492.5	363.2	255.1	168.5	97.3	34.2	0.0
15°	503.2	370.6	260.0	171.2	99.1	34.7	0.0
12.5°	512.3	376.8	264.4	173.4	100.7	35.0	0.0
10°	519.8	381.8	268.0	175.2	102.0	35.4	0.0
7.5°	525.8	385.7	271.0	176.5	103.1	35.6	0.0
5°	530.1	388.4	273.3	177.4	103.9	35.8	0.0
2.5°	532.8	389.9	274.9	177.9	104.5	35.9	0.0
0°	533.8	390.3	275.8	177.9	104.8	35.9	0.0
-2.5°	532.8	389.9	274.9	177.9	104.5	35.9	0.0
-5°	530.1	388.4	273.3	177.4	103.9	35.8	0.0
-7.5°	525.8	385.7	271.0	176.5	103.1	35.6	0.0
-10°	519.8	381.8	268.0	175.2	102.0	35.4	0.0
-12.5°	512.3	376.8	264.4	173.4	100.7	35.0	0.0
-15°	503.2	370.6	260.0	171.2	99.1	34.7	0.0
-17.5°	492.5	363.2	255.1	168.5	97.3	34.2	0.0
-20°	478.3	354.6	249.6	165.4	95.2	33.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	459.4	344.9	243.4	161.8	93.0	33.2	0.0
-25°	439.4	332.0	236.8	157.8	90.5	32.5	0.0
-27.5°	418.6	317.7	229.6	153.3	87.7	31.8	0.0
-30°	396.9	302.7	221.8	148.4	84.8	31.1	0.0
-32.5°	374.5	287.1	212.4	143.0	81.7	30.3	0.0
-35°	353.5	271.0	202.5	137.2	78.3	29.4	0.0
-37.5°	333.0	255.7	192.2	131.0	74.8	28.5	0.0
-40°	312.2	242.1	181.5	124.4	71.1	27.5	0.0
-42.5°	291.2	228.2	171.0	117.3	67.2	26.5	0.0
-45°	269.9	213.8	160.8	109.6	63.2	25.4	0.0
-47.5°	248.5	199.1	150.3	101.7	59.0	24.2	0.0
-50°	230.0	184.1	139.6	94.7	54.6	23.1	0.0
-52.5°	211.7	168.7	128.6	87.9	50.1	21.9	0.0
-55°	193.1	154.6	117.5	80.9	45.5	20.6	0.0
-57.5°	174.3	140.7	106.1	73.7	40.7	19.3	0.0
-60°	155.5	126.7	94.6	66.4	35.9	17.9	0.0
-62.5°	139.0	112.4	84.9	59.0	33.1	16.6	0.0
-65°	122.4	98.1	75.1	51.4	30.3	15.2	0.0
-67.5°	105.7	84.8	65.1	43.7	27.4	13.7	0.0
-70°	88.9	72.5	55.0	36.0	24.5	12.3	0.0
-72.5°	74.3	60.2	44.8	31.0	21.6	10.8	0.0
-75°	59.9	47.8	34.5	26.6	18.6	9.3	0.0
-77.5°	45.4	35.3	28.1	22.2	15.5	7.8	0.0
-80°	30.9	26.6	22.5	17.8	12.5	6.2	0.0
-82.5°	22.5	19.9	16.9	13.4	9.4	4.7	0.0
-85°	15.0	13.3	11.3	8.9	6.2	3.1	0.0
-87.5°	7.5	6.6	5.6	4.5	3.1	1.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)