

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: P558789 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-930-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558789 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA3C-930-U-MWR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (48) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

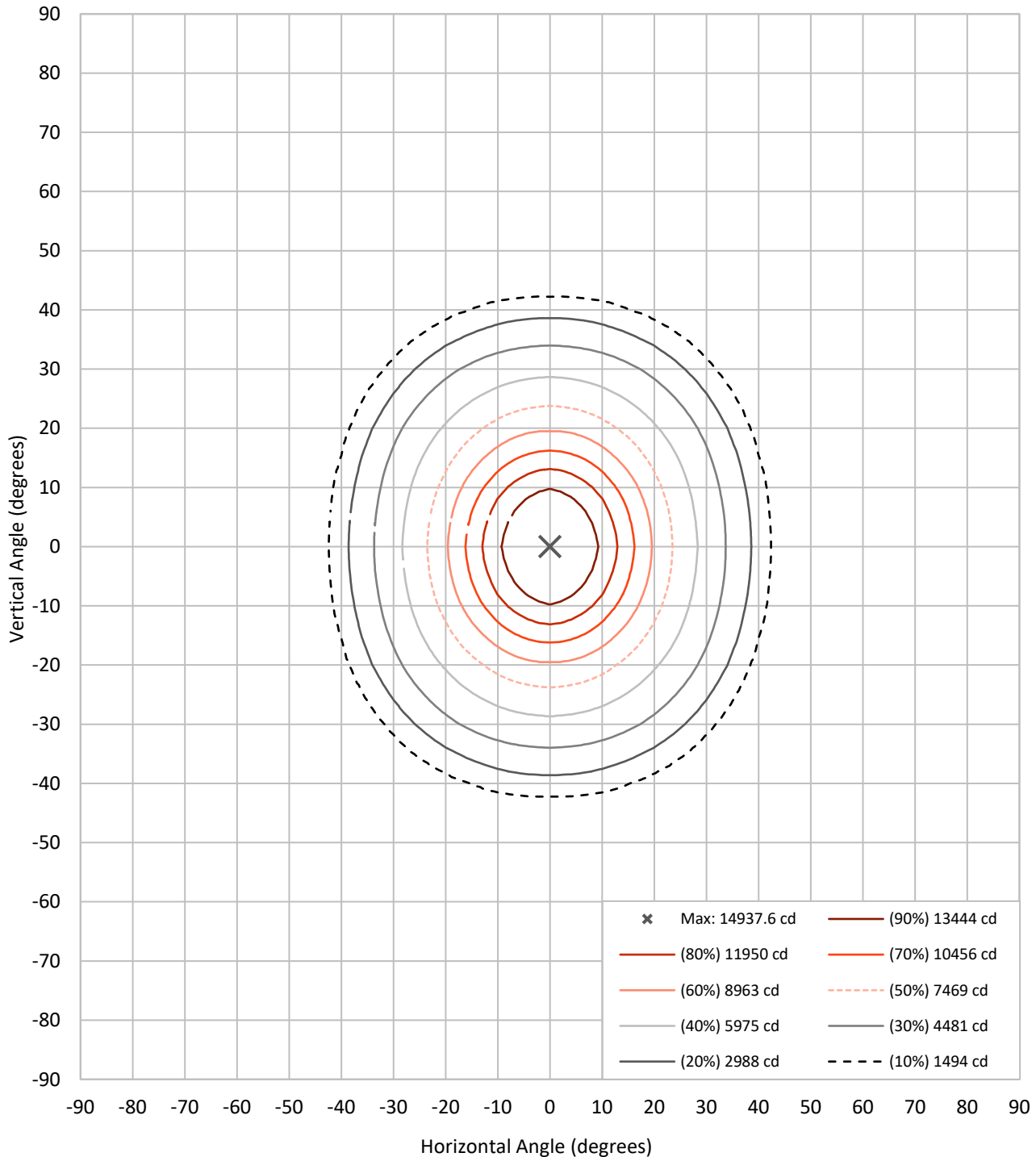
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	11628.1 lumens	Max Intensity:	14937.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	5486.9 lumens	Field Lumens:	10558.3 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 119
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



REPORT NUMBER: P558789 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





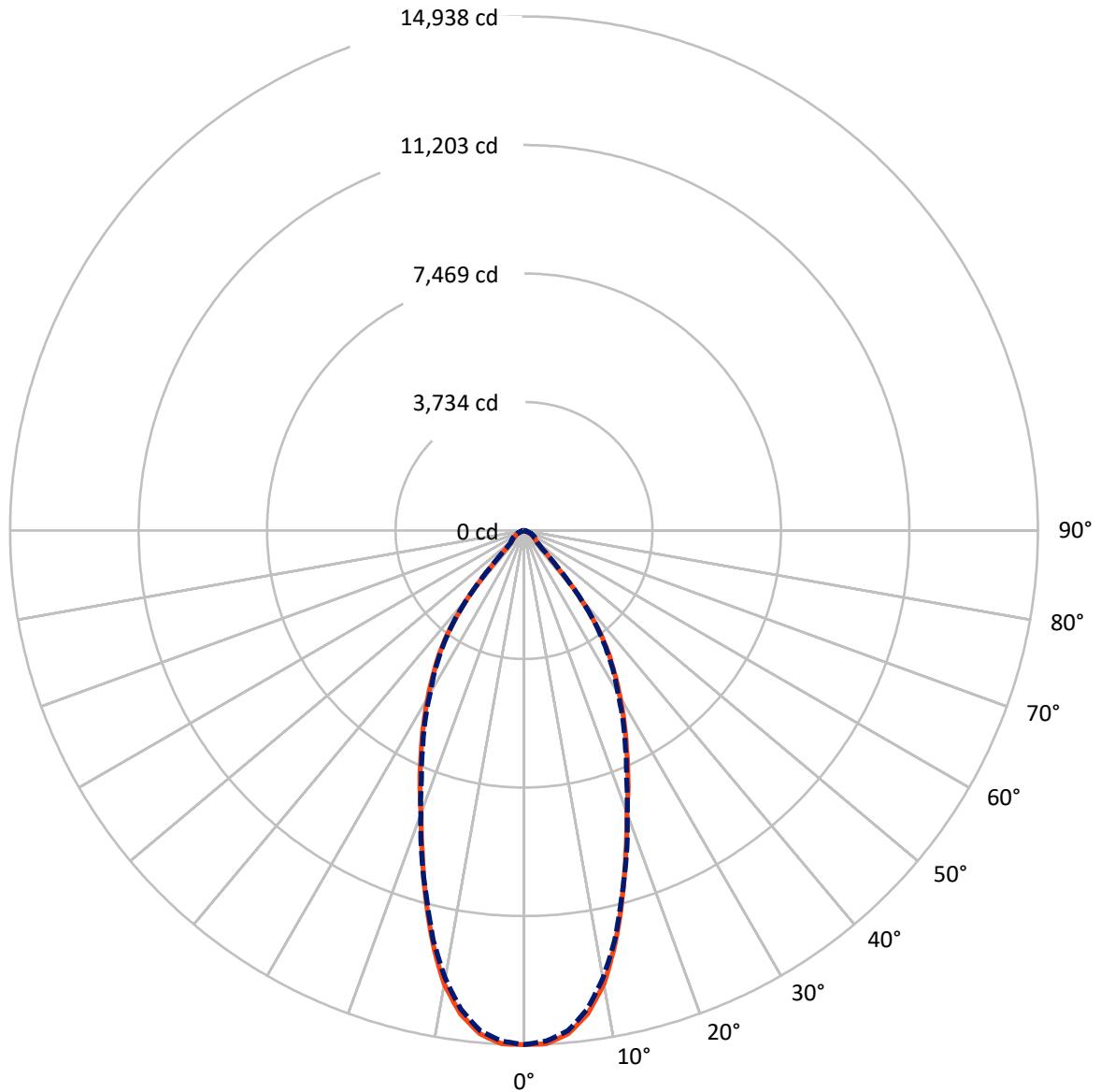
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Lumen Table

90																			
80	0.2	1.4		3.2		5.2		4.1		5.2		3.2		1.4		0.2			
70																			
60	0.8	0.9	1.7	2.6	3.7	4.6	5.3	5.8	5.8	5.3	4.6	3.7	2.6	1.7	0.9	0.8			
50		1.4	2.8	4.7	6.7	8.3	9.5	10.5	10.5	9.5	8.3	6.7	4.7	2.8	1.4				
40	1.2	1.9	3.9	6.5	9.5	13.0	20.7	28.9	28.9	20.7	13.0	9.5	6.5	3.9	1.9	1.2			
30		2.3	4.9	8.2	15.3	49.0	95.4	121.6	121.6	95.4	49.0	15.3	8.2	4.9	2.3				
20	1.4	2.6	5.7	10.2	44.8	117.1	172.7	209.2	209.2	172.7	117.1	44.8	10.2	5.7	2.6	1.4			
10		2.9	6.3	15.7	81.5	161.6	245.5	319.6	319.6	245.5	161.6	81.5	15.7	6.3	2.9				
0	1.4	3.1	6.8	21.6	99.3	188.5	308.8	417.6	417.6	308.8	188.5	99.3	21.6	6.8	3.1	1.4			
-10		3.1	6.8	21.6	99.3	188.5	308.8	417.6	417.6	308.8	188.5	99.3	21.6	6.8	3.1				
-20	1.4	2.9	6.3	15.7	81.5	161.6	245.5	319.6	319.6	245.5	161.6	81.5	15.7	6.3	2.9	1.4			
-30		2.6	5.7	10.2	44.8	117.1	172.7	209.2	209.2	172.7	117.1	44.8	10.2	5.7	2.6				
-40	1.2	2.3	4.9	8.2	15.3	49.0	95.4	121.6	121.6	95.4	49.0	15.3	8.2	4.9	2.3	1.2			
-50		1.9	3.9	6.5	9.5	13.0	20.7	28.9	28.9	20.7	13.0	9.5	6.5	3.9	1.9				
-60	0.8	1.4	2.8	4.7	6.7	8.3	9.5	10.5	10.5	9.5	8.3	6.7	4.7	2.8	1.4	0.8			
-70		0.9	1.7	2.6	3.7	4.6	5.3	5.8	5.8	5.3	4.6	3.7	2.6	1.7	0.9				
-80																			
-90	0.2	1.4		3.2		5.2		4.1		5.2		3.2		1.4		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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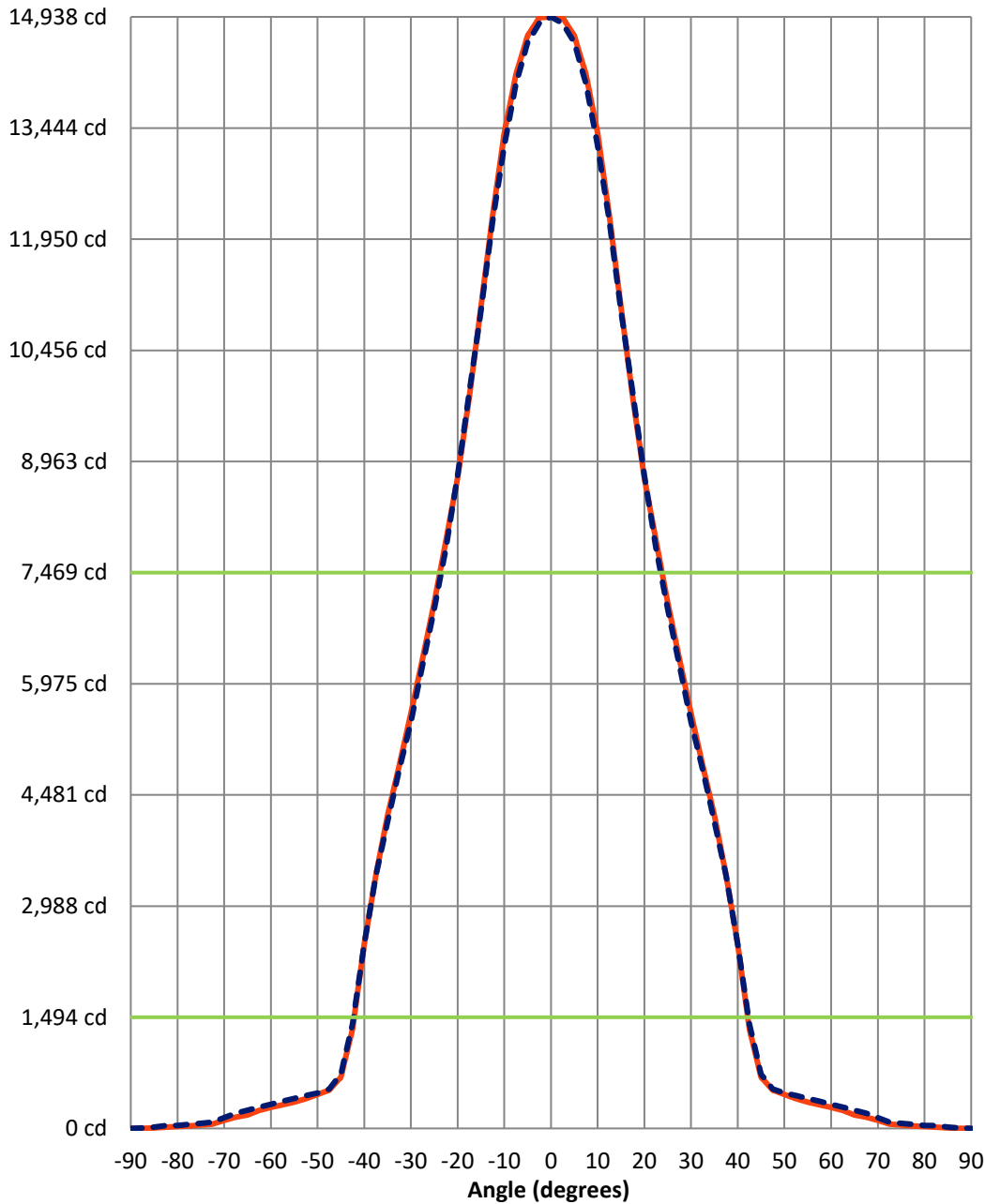
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 47°
 V Angle: 47.6°
 Lumens: 5486.9
 Efficiency: 47.2%

Field:
 H Angle: 84.6°
 V Angle: 84.3°
 Lumens: 10558.3
 Efficiency: 90.8%

Spill:
 Lumens: 1069.8
 Efficiency: 9.2%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	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	0.2	0.5	0.8	1.2	1.6	2.0	2.3	2.5	2.7	2.8
85°	0.0	0.5	1.0	1.6	2.3	3.2	4.1	4.6	5.0	5.4	5.7
82.5°	0.0	0.7	1.5	2.4	3.5	4.7	6.1	6.9	7.7	9.2	10.3
80°	0.0	1.0	1.9	3.2	4.6	6.3	8.4	11.1	13.3	14.9	16.1
77.5°	0.0	1.2	2.4	4.0	5.8	8.6	13.2	16.4	18.9	20.7	22.4
75°	0.0	1.4	2.9	4.7	7.2	12.2	17.8	21.8	24.6	27.7	30.1
72.5°	0.0	1.7	3.4	5.5	9.8	15.7	22.4	27.4	31.8	35.3	37.9
70°	0.0	1.9	3.8	6.4	12.4	19.2	26.9	34.1	39.0	42.9	49.1
67.5°	0.0	2.1	4.3	8.2	14.9	22.5	32.3	40.8	46.2	52.6	60.7
65°	0.0	2.4	4.7	9.9	17.3	26.1	37.4	47.5	53.8	61.9	71.6
62.5°	0.0	2.6	5.2	11.5	19.6	29.9	42.3	53.5	61.0	70.8	81.7
60°	0.0	2.8	5.6	13.1	21.9	33.5	46.9	59.0	67.9	79.9	91.7
57.5°	0.0	3.0	6.6	14.6	24.4	37.0	50.0	63.9	75.6	88.8	100.4
55°	0.0	3.2	7.5	16.0	26.8	40.2	52.7	67.4	83.4	97.2	108.4
52.5°	0.0	3.4	8.5	17.4	29.1	42.9	55.0	72.3	91.0	104.3	116.3
50°	0.0	3.6	9.4	18.6	31.2	44.3	56.8	76.8	98.1	111.3	125.0
47.5°	0.0	3.8	10.2	19.9	33.2	45.4	58.6	80.8	104.1	118.1	133.5
45°	0.0	4.0	11.0	21.2	35.0	46.2	61.4	84.2	107.2	125.4	141.7
42.5°	0.0	4.1	11.8	22.5	36.6	46.8	63.8	86.6	109.6	132.4	150.0
40°	0.0	4.3	12.5	23.7	37.5	47.0	65.8	88.2	111.7	138.6	158.1
37.5°	0.0	4.4	13.2	25.1	37.6	47.0	67.3	89.3	114.0	141.6	165.9
35°	0.0	4.6	13.9	26.4	37.5	47.6	68.4	89.9	115.9	146.2	173.3
32.5°	0.0	4.7	14.5	27.6	37.3	48.4	69.0	90.1	117.5	151.7	180.1
30°	0.0	4.8	15.0	28.8	37.0	48.8	68.9	90.0	118.7	158.1	186.8
27.5°	0.0	5.0	15.5	30.0	37.4	49.0	68.5	90.6	121.0	165.4	193.3
25°	0.0	5.1	16.0	31.1	37.8	48.8	67.7	90.9	125.9	171.4	199.7
22.5°	0.0	5.2	16.4	32.2	38.1	48.9	66.6	90.7	130.9	176.4	207.6
20°	0.0	5.3	16.8	33.1	38.5	50.2	65.2	90.3	136.1	181.0	214.7
17.5°	0.0	5.3	17.1	34.1	38.7	51.3	65.3	89.4	141.2	185.3	221.1
15°	0.0	5.4	17.3	34.9	38.9	52.3	66.3	89.1	146.1	189.2	226.7
12.5°	0.0	5.5	17.6	35.7	39.0	53.1	67.1	89.5	149.5	192.7	231.5
10°	0.0	5.5	17.7	36.4	39.2	53.8	67.7	89.3	150.9	195.5	235.7
7.5°	0.0	5.6	17.8	37.0	39.2	54.3	68.1	88.6	151.1	198.4	239.1
5°	0.0	5.6	17.9	37.4	39.3	54.7	68.4	87.4	150.0	200.9	241.8
2.5°	0.0	5.6	17.9	37.8	39.3	54.9	68.5	85.9	147.9	202.9	243.6
0°	0.0	5.6	17.9	38.1	39.3	55.0	68.4	84.1	144.7	204.1	244.5
-2.5°	0.0	5.6	17.9	37.8	39.3	54.9	68.5	85.9	147.9	202.9	243.6
-5°	0.0	5.6	17.9	37.4	39.3	54.7	68.4	87.4	150.0	200.9	241.8
-7.5°	0.0	5.6	17.8	37.0	39.2	54.3	68.1	88.6	151.1	198.4	239.1
-10°	0.0	5.5	17.7	36.4	39.2	53.8	67.7	89.3	150.9	195.5	235.7
-12.5°	0.0	5.5	17.6	35.7	39.0	53.1	67.1	89.5	149.5	192.7	231.5
-15°	0.0	5.4	17.3	34.9	38.9	52.3	66.3	89.1	146.1	189.2	226.7
-17.5°	0.0	5.3	17.1	34.1	38.7	51.3	65.3	89.4	141.2	185.3	221.1
-20°	0.0	5.3	16.8	33.1	38.5	50.2	65.2	90.3	136.1	181.0	214.7



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 CATALOG NUMBER: GFLD-SA3C-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.2	16.4	32.2	38.1	48.9	66.6	90.7	130.9	176.4	207.6
-25°	0.0	5.1	16.0	31.1	37.8	48.8	67.7	90.9	125.9	171.4	199.7
-27.5°	0.0	5.0	15.5	30.0	37.4	49.0	68.5	90.6	121.0	165.4	193.3
-30°	0.0	4.8	15.0	28.8	37.0	48.8	68.9	90.0	118.7	158.1	186.8
-32.5°	0.0	4.7	14.5	27.6	37.3	48.4	69.0	90.1	117.5	151.7	180.1
-35°	0.0	4.6	13.9	26.4	37.5	47.6	68.4	89.9	115.9	146.2	173.3
-37.5°	0.0	4.4	13.2	25.1	37.6	47.0	67.3	89.3	114.0	141.6	165.9
-40°	0.0	4.3	12.5	23.7	37.5	47.0	65.8	88.2	111.7	138.6	158.1
-42.5°	0.0	4.1	11.8	22.5	36.6	46.8	63.8	86.6	109.6	132.4	150.0
-45°	0.0	4.0	11.0	21.2	35.0	46.2	61.4	84.2	107.2	125.4	141.7
-47.5°	0.0	3.8	10.2	19.9	33.2	45.4	58.6	80.8	104.1	118.1	133.5
-50°	0.0	3.6	9.4	18.6	31.2	44.3	56.8	76.8	98.1	111.3	125.0
-52.5°	0.0	3.4	8.5	17.4	29.1	42.9	55.0	72.3	91.0	104.3	116.3
-55°	0.0	3.2	7.5	16.0	26.8	40.2	52.7	67.4	83.4	97.2	108.4
-57.5°	0.0	3.0	6.6	14.6	24.4	37.0	50.0	63.9	75.6	88.8	100.4
-60°	0.0	2.8	5.6	13.1	21.9	33.5	46.9	59.0	67.9	79.9	91.7
-62.5°	0.0	2.6	5.2	11.5	19.6	29.9	42.3	53.5	61.0	70.8	81.7
-65°	0.0	2.4	4.7	9.9	17.3	26.1	37.4	47.5	53.8	61.9	71.6
-67.5°	0.0	2.1	4.3	8.2	14.9	22.5	32.3	40.8	46.2	52.6	60.7
-70°	0.0	1.9	3.8	6.4	12.4	19.2	26.9	34.1	39.0	42.9	49.1
-72.5°	0.0	1.7	3.4	5.5	9.8	15.7	22.4	27.4	31.8	35.3	37.9
-75°	0.0	1.4	2.9	4.7	7.2	12.2	17.8	21.8	24.6	27.7	30.1
-77.5°	0.0	1.2	2.4	4.0	5.8	8.6	13.2	16.4	18.9	20.7	22.4
-80°	0.0	1.0	1.9	3.2	4.6	6.3	8.4	11.1	13.3	14.9	16.1
-82.5°	0.0	0.7	1.5	2.4	3.5	4.7	6.1	6.9	7.7	9.2	10.3
-85°	0.0	0.5	1.0	1.6	2.3	3.2	4.1	4.6	5.0	5.4	5.7
-87.5°	0.0	0.2	0.5	0.8	1.2	1.6	2.0	2.3	2.5	2.7	2.8
-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: P558789 (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°
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°	2.8	2.8	2.7	2.6	2.4	2.2	1.9	1.6	1.6	1.7	1.7
85°	5.7	5.6	6.1	6.5	6.6	6.6	6.4	6.0	6.8	7.9	8.9
82.5°	11.3	12.3	13.3	14.2	14.2	13.9	13.4	12.9	14.8	17.3	19.9
80°	17.5	19.0	21.2	23.5	24.1	23.9	23.2	21.9	24.7	28.6	33.1
77.5°	25.1	28.1	31.2	34.3	35.1	34.4	33.0	30.7	34.1	40.6	47.8
75°	33.3	37.2	42.0	45.9	46.7	45.4	43.1	41.1	45.3	53.3	61.0
72.5°	43.5	49.8	54.6	58.0	58.3	57.0	55.9	54.9	59.6	69.0	76.9
70°	56.5	62.9	66.6	68.7	69.1	69.9	73.1	76.1	80.7	88.8	95.3
67.5°	69.4	74.5	77.8	80.3	85.1	89.7	94.1	98.6	103.8	110.7	115.6
65°	80.9	86.1	90.5	96.3	103.4	108.9	114.8	121.2	128.4	134.9	139.6
62.5°	92.3	97.8	104.1	111.7	119.9	127.4	136.0	144.9	153.4	160.8	168.8
60°	101.6	109.0	117.4	126.6	136.4	147.8	158.2	168.4	177.8	187.0	198.4
57.5°	110.5	120.5	130.7	141.8	154.7	168.6	180.8	192.0	203.8	217.1	228.2
55°	119.8	132.4	144.1	157.6	173.0	189.6	203.0	215.6	230.1	246.1	258.5
52.5°	129.9	143.8	157.6	173.7	192.2	208.8	222.8	238.5	256.1	273.5	287.9
50°	139.6	155.0	171.0	191.5	209.9	225.7	243.0	262.1	280.4	298.3	315.4
47.5°	149.5	165.9	187.2	208.1	225.3	243.8	264.1	283.7	303.0	321.6	339.4
45°	159.1	178.6	202.2	222.1	241.2	262.5	283.4	304.0	324.3	344.0	363.5
42.5°	168.5	191.0	214.8	235.6	257.7	279.9	301.8	323.5	345.0	366.1	386.9
40°	178.6	202.4	227.5	250.1	273.1	296.3	319.4	342.3	364.9	387.3	409.4
37.5°	188.0	214.2	240.3	264.0	287.7	312.0	336.1	360.4	384.2	407.6	432.7
35°	196.3	226.1	252.4	277.3	302.2	326.8	352.3	377.9	403.0	428.3	460.4
32.5°	205.8	238.1	263.9	290.2	315.9	341.2	367.8	394.8	421.5	451.1	497.2
30°	216.4	248.1	274.8	302.4	328.7	355.3	382.8	411.0	439.2	485.2	591.6
27.5°	226.7	257.3	285.4	313.6	340.7	368.4	397.2	426.4	465.6	536.3	708.9
25°	236.2	266.2	295.3	323.9	351.9	380.6	410.3	440.7	493.9	636.8	1018.1
22.5°	244.3	274.7	305.0	333.3	362.0	391.6	422.5	462.8	545.0	738.2	1362.1
20°	251.2	282.8	313.8	343.2	371.4	401.5	433.6	483.9	622.8	1027.8	1774.4
17.5°	257.6	290.2	321.9	352.6	382.3	411.7	444.7	502.1	692.8	1279.5	2189.0
15°	263.4	296.8	329.4	361.5	392.2	422.8	462.2	553.9	834.3	1529.4	2558.3
12.5°	268.7	302.6	336.3	369.6	401.0	432.7	478.0	605.3	1007.8	1822.5	2810.3
10°	273.4	307.6	342.4	377.1	408.9	441.4	491.3	647.5	1150.3	2063.6	3012.8
7.5°	277.7	312.4	348.1	383.7	415.7	448.9	502.1	680.5	1260.5	2245.2	3174.4
5°	281.3	317.1	354.9	390.9	424.1	457.0	511.4	704.2	1337.8	2367.5	3292.1
2.5°	284.1	321.0	360.7	397.3	433.5	466.9	522.1	721.7	1387.7	2445.5	3367.4
0°	286.0	324.1	365.6	402.6	441.8	475.5	530.4	730.1	1406.3	2473.9	3395.7
-2.5°	284.1	321.0	360.7	397.3	433.5	466.9	522.1	721.7	1387.7	2445.5	3367.4
-5°	281.3	317.1	354.9	390.9	424.1	457.0	511.4	704.2	1337.8	2367.5	3292.1
-7.5°	277.7	312.4	348.1	383.7	415.7	448.9	502.1	680.5	1260.5	2245.2	3174.4
-10°	273.4	307.6	342.4	377.1	408.9	441.4	491.3	647.5	1150.3	2063.6	3012.8
-12.5°	268.7	302.6	336.3	369.6	401.0	432.7	478.0	605.3	1007.8	1822.5	2810.3
-15°	263.4	296.8	329.4	361.5	392.2	422.8	462.2	553.9	834.3	1529.4	2558.3
-17.5°	257.6	290.2	321.9	352.6	382.3	411.7	444.7	502.1	692.8	1279.5	2189.0
-20°	251.2	282.8	313.8	343.2	371.4	401.5	433.6	483.9	622.8	1027.8	1774.4



REPORT NUMBER: P558789 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	244.3	274.7	305.0	333.3	362.0	391.6	422.5	462.8	545.0	738.2	1362.1
-25°	236.2	266.2	295.3	323.9	351.9	380.6	410.3	440.7	493.9	636.8	1018.1
-27.5°	226.7	257.3	285.4	313.6	340.7	368.4	397.2	426.4	465.6	536.3	708.9
-30°	216.4	248.1	274.8	302.4	328.7	355.3	382.8	411.0	439.2	485.2	591.6
-32.5°	205.8	238.1	263.9	290.2	315.9	341.2	367.8	394.8	421.5	451.1	497.2
-35°	196.3	226.1	252.4	277.3	302.2	326.8	352.3	377.9	403.0	428.3	460.4
-37.5°	188.0	214.2	240.3	264.0	287.7	312.0	336.1	360.4	384.2	407.6	432.7
-40°	178.6	202.4	227.5	250.1	273.1	296.3	319.4	342.3	364.9	387.3	409.4
-42.5°	168.5	191.0	214.8	235.6	257.7	279.9	301.8	323.5	345.0	366.1	386.9
-45°	159.1	178.6	202.2	222.1	241.2	262.5	283.4	304.0	324.3	344.0	363.5
-47.5°	149.5	165.9	187.2	208.1	225.3	243.8	264.1	283.7	303.0	321.6	339.4
-50°	139.6	155.0	171.0	191.5	209.9	225.7	243.0	262.1	280.4	298.3	315.4
-52.5°	129.9	143.8	157.6	173.7	192.2	208.8	222.8	238.5	256.1	273.5	287.9
-55°	119.8	132.4	144.1	157.6	173.0	189.6	203.0	215.6	230.1	246.1	258.5
-57.5°	110.5	120.5	130.7	141.8	154.7	168.6	180.8	192.0	203.8	217.1	228.2
-60°	101.6	109.0	117.4	126.6	136.4	147.8	158.2	168.4	177.8	187.0	198.4
-62.5°	92.3	97.8	104.1	111.7	119.9	127.4	136.0	144.9	153.4	160.8	168.8
-65°	80.9	86.1	90.5	96.3	103.4	108.9	114.8	121.2	128.4	134.9	139.6
-67.5°	69.4	74.5	77.8	80.3	85.1	89.7	94.1	98.6	103.8	110.7	115.6
-70°	56.5	62.9	66.6	68.7	69.1	69.9	73.1	76.1	80.7	88.8	95.3
-72.5°	43.5	49.8	54.6	58.0	58.3	57.0	55.9	54.9	59.6	69.0	76.9
-75°	33.3	37.2	42.0	45.9	46.7	45.4	43.1	41.1	45.3	53.3	61.0
-77.5°	25.1	28.1	31.2	34.3	35.1	34.4	33.0	30.7	34.1	40.6	47.8
-80°	17.5	19.0	21.2	23.5	24.1	23.9	23.2	21.9	24.7	28.6	33.1
-82.5°	11.3	12.3	13.3	14.2	14.2	13.9	13.4	12.9	14.8	17.3	19.9
-85°	5.7	5.6	6.1	6.5	6.6	6.6	6.4	6.0	6.8	7.9	8.9
-87.5°	2.8	2.8	2.7	2.6	2.4	2.2	1.9	1.6	1.6	1.7	1.7
-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: P558789 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-MWR-XX

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°	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	1.9	1.6
85°	10.1	9.8	9.3	8.6	7.8	8.2	8.7	9.1	9.6	8.9	8.2
82.5°	22.6	22.9	22.9	22.8	22.7	23.7	24.6	25.5	26.2	24.2	21.8
80°	38.1	39.9	41.0	42.0	42.8	42.8	42.3	41.2	39.8	36.4	32.7
77.5°	55.1	58.0	59.4	60.8	62.3	62.8	63.1	63.5	63.9	58.0	50.4
75°	68.3	72.6	75.0	77.3	79.4	80.6	81.3	81.7	81.9	74.8	65.6
72.5°	83.3	87.5	90.4	93.3	95.9	97.6	98.7	99.4	99.9	93.7	84.9
70°	99.9	103.2	106.7	110.2	113.5	115.7	117.2	118.3	119.2	118.6	118.1
67.5°	119.5	122.4	126.7	130.0	133.4	135.9	138.4	140.4	141.8	143.5	145.4
65°	144.1	151.0	157.3	160.5	160.9	164.4	170.1	173.7	175.6	177.0	178.9
62.5°	178.2	186.6	191.1	196.4	203.3	209.7	212.2	215.6	219.5	224.3	229.8
60°	207.5	214.4	221.6	229.0	235.3	240.7	246.4	252.2	257.4	262.2	266.9
57.5°	237.4	245.0	252.3	261.0	267.0	270.6	276.2	283.1	288.4	292.6	298.8
55°	268.4	278.2	288.2	296.0	301.7	305.5	309.8	316.4	320.3	321.8	329.1
52.5°	299.6	311.2	323.5	332.7	338.7	344.4	349.6	355.4	359.4	361.3	368.4
50°	328.5	342.3	356.0	367.9	376.0	385.4	396.1	401.3	404.7	408.4	416.4
47.5°	355.9	371.4	386.1	399.6	411.2	421.8	431.0	439.8	452.8	463.1	473.3
45°	382.4	398.9	414.8	429.9	442.9	463.6	483.3	500.0	544.8	582.4	611.1
42.5°	407.3	427.2	445.1	470.3	497.8	545.5	619.2	687.5	819.5	989.4	1131.3
40°	433.2	459.1	491.1	540.3	633.4	729.1	1015.3	1270.4	1521.2	1806.4	2050.8
37.5°	463.5	502.5	596.2	707.4	1006.0	1336.2	1741.8	2139.9	2486.6	2783.2	3030.9
35°	503.6	624.0	799.1	1204.3	1645.4	2186.8	2654.3	3028.7	3371.2	3646.0	3853.0
32.5°	621.8	842.1	1304.7	1862.0	2468.7	2991.7	3447.1	3805.6	4118.0	4364.3	4556.1
30°	794.7	1301.3	1929.5	2596.9	3201.2	3700.7	4121.3	4463.1	4741.9	4992.6	5203.0
27.5°	1205.9	1857.7	2596.0	3276.8	3826.4	4294.0	4671.4	5009.9	5317.4	5581.3	5830.1
25°	1655.8	2462.7	3207.3	3826.9	4339.9	4778.6	5176.7	5546.9	5891.1	6200.0	6489.4
22.5°	2196.1	3000.7	3712.4	4285.9	4783.0	5233.7	5656.5	6068.5	6469.2	6846.2	7196.3
20°	2685.2	3475.0	4095.6	4668.3	5184.8	5654.4	6120.3	6600.6	7063.0	7517.0	7938.6
17.5°	3066.4	3801.1	4424.2	5004.7	5530.3	6062.2	6595.5	7147.1	7704.8	8232.1	8736.4
15°	3384.7	4073.2	4704.6	5285.0	5863.0	6449.8	7045.5	7695.4	8358.8	8990.0	9632.8
12.5°	3610.4	4300.2	4940.3	5522.7	6170.7	6807.7	7501.2	8241.9	9008.0	9743.2	10532.8
10°	3791.8	4481.3	5116.1	5744.1	6429.8	7136.1	7913.9	8729.7	9644.0	10514.5	11365.3
7.5°	3947.4	4632.4	5257.3	5924.5	6645.4	7421.7	8267.6	9190.0	10179.4	11148.0	12160.7
5°	4061.3	4735.4	5367.0	6072.5	6811.2	7630.4	8540.5	9526.0	10587.1	11648.5	12649.9
2.5°	4121.5	4794.2	5435.3	6164.3	6908.4	7756.8	8704.6	9749.2	10870.0	12028.1	13015.6
0°	4120.2	4818.8	5461.4	6226.2	6979.8	7795.1	8775.3	9892.2	10985.6	12188.9	13202.7
-2.5°	4121.5	4794.2	5435.3	6164.3	6908.4	7756.8	8704.6	9749.2	10870.0	12028.1	13015.6
-5°	4061.3	4735.4	5367.0	6072.5	6811.2	7630.4	8540.5	9526.0	10587.1	11648.5	12649.9
-7.5°	3947.4	4632.4	5257.3	5924.5	6645.4	7421.7	8267.6	9190.0	10179.4	11148.0	12160.7
-10°	3791.8	4481.3	5116.1	5744.1	6429.8	7136.1	7913.9	8729.7	9644.0	10514.5	11365.3
-12.5°	3610.4	4300.2	4940.3	5522.7	6170.7	6807.7	7501.2	8241.9	9008.0	9743.2	10532.8
-15°	3384.7	4073.2	4704.6	5285.0	5863.0	6449.8	7045.5	7695.4	8358.8	8990.0	9632.8
-17.5°	3066.4	3801.1	4424.2	5004.7	5530.3	6062.2	6595.5	7147.1	7704.8	8232.1	8736.4
-20°	2685.2	3475.0	4095.6	4668.3	5184.8	5654.4	6120.3	6600.6	7063.0	7517.0	7938.6



REPORT NUMBER: P558789 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2196.1	3000.7	3712.4	4285.9	4783.0	5233.7	5656.5	6068.5	6469.2	6846.2	7196.3
-25°	1655.8	2462.7	3207.3	3826.9	4339.9	4778.6	5176.7	5546.9	5891.1	6200.0	6489.4
-27.5°	1205.9	1857.7	2596.0	3276.8	3826.4	4294.0	4671.4	5009.9	5317.4	5581.3	5830.1
-30°	794.7	1301.3	1929.5	2596.9	3201.2	3700.7	4121.3	4463.1	4741.9	4992.6	5203.0
-32.5°	621.8	842.1	1304.7	1862.0	2468.7	2991.7	3447.1	3805.6	4118.0	4364.3	4556.1
-35°	503.6	624.0	799.1	1204.3	1645.4	2186.8	2654.3	3028.7	3371.2	3646.0	3853.0
-37.5°	463.5	502.5	596.2	707.4	1006.0	1336.2	1741.8	2139.9	2486.6	2783.2	3030.9
-40°	433.2	459.1	491.1	540.3	633.4	729.1	1015.3	1270.4	1521.2	1806.4	2050.8
-42.5°	407.3	427.2	445.1	470.3	497.8	545.5	619.2	687.5	819.5	989.4	1131.3
-45°	382.4	398.9	414.8	429.9	442.9	463.6	483.3	500.0	544.8	582.4	611.1
-47.5°	355.9	371.4	386.1	399.6	411.2	421.8	431.0	439.8	452.8	463.1	473.3
-50°	328.5	342.3	356.0	367.9	376.0	385.4	396.1	401.3	404.7	408.4	416.4
-52.5°	299.6	311.2	323.5	332.7	338.7	344.4	349.6	355.4	359.4	361.3	368.4
-55°	268.4	278.2	288.2	296.0	301.7	305.5	309.8	316.4	320.3	321.8	329.1
-57.5°	237.4	245.0	252.3	261.0	267.0	270.6	276.2	283.1	288.4	292.6	298.8
-60°	207.5	214.4	221.6	229.0	235.3	240.7	246.4	252.2	257.4	262.2	266.9
-62.5°	178.2	186.6	191.1	196.4	203.3	209.7	212.2	215.6	219.5	224.3	229.8
-65°	144.1	151.0	157.3	160.5	160.9	164.4	170.1	173.7	175.6	177.0	178.9
-67.5°	119.5	122.4	126.7	130.0	133.4	135.9	138.4	140.4	141.8	143.5	145.4
-70°	99.9	103.2	106.7	110.2	113.5	115.7	117.2	118.3	119.2	118.6	118.1
-72.5°	83.3	87.5	90.4	93.3	95.9	97.6	98.7	99.4	99.9	93.7	84.9
-75°	68.3	72.6	75.0	77.3	79.4	80.6	81.3	81.7	81.9	74.8	65.6
-77.5°	55.1	58.0	59.4	60.8	62.3	62.8	63.1	63.5	63.9	58.0	50.4
-80°	38.1	39.9	41.0	42.0	42.8	42.8	42.3	41.2	39.8	36.4	32.7
-82.5°	22.6	22.9	22.9	22.8	22.7	23.7	24.6	25.5	26.2	24.2	21.8
-85°	10.1	9.8	9.3	8.6	7.8	8.2	8.7	9.1	9.6	8.9	8.2
-87.5°	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	1.9	1.6
-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: P558789 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-MWR-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°	1.4	1.1	1.1	1.1	1.1	1.1	1.4	1.6	1.9	2.1	2.1
85°	7.5	6.7	6.7	6.7	6.7	6.7	7.5	8.2	8.9	9.6	9.1
82.5°	19.4	16.7	16.8	16.8	16.8	16.7	19.4	21.8	24.2	26.2	25.5
80°	28.8	24.7	25.2	25.8	25.2	24.7	28.8	32.7	36.4	39.8	41.2
77.5°	42.3	33.8	33.6	33.6	33.6	33.8	42.3	50.4	58.0	63.9	63.5
75°	56.1	46.4	45.9	46.0	45.9	46.4	56.1	65.6	74.8	81.9	81.7
72.5°	75.9	66.6	62.3	58.3	62.3	66.6	75.9	84.9	93.7	99.9	99.4
70°	118.2	118.5	114.3	108.8	114.3	118.5	118.2	118.1	118.6	119.2	118.3
67.5°	146.9	148.2	149.9	151.4	149.9	148.2	146.9	145.4	143.5	141.8	140.4
65°	179.7	179.7	180.3	180.6	180.3	179.7	179.7	178.9	177.0	175.6	173.7
62.5°	234.5	238.2	240.9	242.2	240.9	238.2	234.5	229.8	224.3	219.5	215.6
60°	270.8	273.9	278.3	282.6	278.3	273.9	270.8	266.9	262.2	257.4	252.2
57.5°	304.7	309.9	314.2	317.4	314.2	309.9	304.7	298.8	292.6	288.4	283.1
55°	336.0	342.1	348.0	353.3	348.0	342.1	336.0	329.1	321.8	320.3	316.4
52.5°	375.3	380.3	388.6	399.2	388.6	380.3	375.3	368.4	361.3	359.4	355.4
50°	425.6	433.2	443.7	456.4	443.7	433.2	425.6	416.4	408.4	404.7	401.3
47.5°	483.6	491.3	501.4	514.7	501.4	491.3	483.6	473.3	463.1	452.8	439.8
45°	637.3	655.2	671.6	689.7	671.6	655.2	637.3	611.1	582.4	544.8	500.0
42.5°	1245.1	1323.7	1357.7	1337.9	1357.7	1323.7	1245.1	1131.3	989.4	819.5	687.5
40°	2237.2	2368.0	2444.9	2471.7	2444.9	2368.0	2237.2	2050.8	1806.4	1521.2	1270.4
37.5°	3211.7	3332.1	3397.0	3404.7	3397.0	3332.1	3211.7	3030.9	2783.2	2486.6	2139.9
35°	4002.3	4101.4	4160.1	4204.3	4160.1	4101.4	4002.3	3853.0	3646.0	3371.2	3028.7
32.5°	4712.3	4825.2	4890.5	4876.0	4890.5	4825.2	4712.3	4556.1	4364.3	4118.0	3805.6
30°	5375.5	5499.0	5575.8	5578.0	5575.8	5499.0	5375.5	5203.0	4992.6	4741.9	4463.1
27.5°	6031.2	6169.9	6249.9	6312.6	6249.9	6169.9	6031.2	5830.1	5581.3	5317.4	5009.9
25°	6730.7	6903.6	7006.3	7068.4	7006.3	6903.6	6730.7	6489.4	6200.0	5891.1	5546.9
22.5°	7484.9	7699.1	7839.8	7898.3	7839.8	7699.1	7484.9	7196.3	6846.2	6469.2	6068.5
20°	8305.4	8570.8	8750.4	8745.0	8750.4	8570.8	8305.4	7938.6	7517.0	7063.0	6600.6
17.5°	9220.8	9563.1	9794.8	9828.3	9794.8	9563.1	9220.8	8736.4	8232.1	7704.8	7147.1
15°	10202.2	10643.5	10943.2	11036.1	10943.2	10643.5	10202.2	9632.8	8990.0	8358.8	7695.4
12.5°	11207.9	11732.9	12132.3	12265.2	12132.3	11732.9	11207.9	10532.8	9743.2	9008.0	8241.9
10°	12166.1	12747.6	13181.2	13373.2	13181.2	12747.6	12166.1	11365.3	10514.5	9644.0	8729.7
7.5°	12967.1	13558.0	14004.6	14162.6	14004.6	13558.0	12967.1	12160.7	11148.0	10179.4	9190.0
5°	13494.9	14140.4	14487.7	14683.0	14487.7	14140.4	13494.9	12649.9	11648.5	10587.1	9526.0
2.5°	13847.5	14394.8	14746.6	14926.3	14746.6	14394.8	13847.5	13015.6	12028.1	10870.0	9749.2
0°	14034.8	14592.2	14850.1	14937.6	14850.1	14592.2	14034.8	13202.7	12188.9	10985.6	9892.2
-2.5°	13847.5	14394.8	14746.6	14926.3	14746.6	14394.8	13847.5	13015.6	12028.1	10870.0	9749.2
-5°	13494.9	14140.4	14487.7	14683.0	14487.7	14140.4	13494.9	12649.9	11648.5	10587.1	9526.0
-7.5°	12967.1	13558.0	14004.6	14162.6	14004.6	13558.0	12967.1	12160.7	11148.0	10179.4	9190.0
-10°	12166.1	12747.6	13181.2	13373.2	13181.2	12747.6	12166.1	11365.3	10514.5	9644.0	8729.7
-12.5°	11207.9	11732.9	12132.3	12265.2	12132.3	11732.9	11207.9	10532.8	9743.2	9008.0	8241.9
-15°	10202.2	10643.5	10943.2	11036.1	10943.2	10643.5	10202.2	9632.8	8990.0	8358.8	7695.4
-17.5°	9220.8	9563.1	9794.8	9828.3	9794.8	9563.1	9220.8	8736.4	8232.1	7704.8	7147.1
-20°	8305.4	8570.8	8750.4	8745.0	8750.4	8570.8	8305.4	7938.6	7517.0	7063.0	6600.6



REPORT NUMBER: P558789 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7484.9	7699.1	7839.8	7898.3	7839.8	7699.1	7484.9	7196.3	6846.2	6469.2	6068.5
-25°	6730.7	6903.6	7006.3	7068.4	7006.3	6903.6	6730.7	6489.4	6200.0	5891.1	5546.9
-27.5°	6031.2	6169.9	6249.9	6312.6	6249.9	6169.9	6031.2	5830.1	5581.3	5317.4	5009.9
-30°	5375.5	5499.0	5575.8	5578.0	5575.8	5499.0	5375.5	5203.0	4992.6	4741.9	4463.1
-32.5°	4712.3	4825.2	4890.5	4876.0	4890.5	4825.2	4712.3	4556.1	4364.3	4118.0	3805.6
-35°	4002.3	4101.4	4160.1	4204.3	4160.1	4101.4	4002.3	3853.0	3646.0	3371.2	3028.7
-37.5°	3211.7	3332.1	3397.0	3404.7	3397.0	3332.1	3211.7	3030.9	2783.2	2486.6	2139.9
-40°	2237.2	2368.0	2444.9	2471.7	2444.9	2368.0	2237.2	2050.8	1806.4	1521.2	1270.4
-42.5°	1245.1	1323.7	1357.7	1337.9	1357.7	1323.7	1245.1	1131.3	989.4	819.5	687.5
-45°	637.3	655.2	671.6	689.7	671.6	655.2	637.3	611.1	582.4	544.8	500.0
-47.5°	483.6	491.3	501.4	514.7	501.4	491.3	483.6	473.3	463.1	452.8	439.8
-50°	425.6	433.2	443.7	456.4	443.7	433.2	425.6	416.4	408.4	404.7	401.3
-52.5°	375.3	380.3	388.6	399.2	388.6	380.3	375.3	368.4	361.3	359.4	355.4
-55°	336.0	342.1	348.0	353.3	348.0	342.1	336.0	329.1	321.8	320.3	316.4
-57.5°	304.7	309.9	314.2	317.4	314.2	309.9	304.7	298.8	292.6	288.4	283.1
-60°	270.8	273.9	278.3	282.6	278.3	273.9	270.8	266.9	262.2	257.4	252.2
-62.5°	234.5	238.2	240.9	242.2	240.9	238.2	234.5	229.8	224.3	219.5	215.6
-65°	179.7	179.7	180.3	180.6	180.3	179.7	179.7	178.9	177.0	175.6	173.7
-67.5°	146.9	148.2	149.9	151.4	149.9	148.2	146.9	145.4	143.5	141.8	140.4
-70°	118.2	118.5	114.3	108.8	114.3	118.5	118.2	118.1	118.6	119.2	118.3
-72.5°	75.9	66.6	62.3	58.3	62.3	66.6	75.9	84.9	93.7	99.9	99.4
-75°	56.1	46.4	45.9	46.0	45.9	46.4	56.1	65.6	74.8	81.9	81.7
-77.5°	42.3	33.8	33.6	33.6	33.6	33.8	42.3	50.4	58.0	63.9	63.5
-80°	28.8	24.7	25.2	25.8	25.2	24.7	28.8	32.7	36.4	39.8	41.2
-82.5°	19.4	16.7	16.8	16.8	16.8	16.7	19.4	21.8	24.2	26.2	25.5
-85°	7.5	6.7	6.7	6.7	6.7	6.7	7.5	8.2	8.9	9.6	9.1
-87.5°	1.4	1.1	1.1	1.1	1.1	1.1	1.4	1.6	1.9	2.1	2.1
-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: P558789 (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°
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°	2.1	2.0	2.0	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.6
85°	8.7	8.2	7.8	8.6	9.3	9.8	10.1	8.9	7.9	6.8	6.0
82.5°	24.6	23.7	22.7	22.8	22.9	22.9	22.6	19.9	17.3	14.8	12.9
80°	42.3	42.8	42.8	42.0	41.0	39.9	38.1	33.1	28.6	24.7	21.9
77.5°	63.1	62.8	62.3	60.8	59.4	58.0	55.1	47.8	40.6	34.1	30.7
75°	81.3	80.6	79.4	77.3	75.0	72.6	68.3	61.0	53.3	45.3	41.1
72.5°	98.7	97.6	95.9	93.3	90.4	87.5	83.3	76.9	69.0	59.6	54.9
70°	117.2	115.7	113.5	110.2	106.7	103.2	99.9	95.3	88.8	80.7	76.1
67.5°	138.4	135.9	133.4	130.0	126.7	122.4	119.5	115.6	110.7	103.8	98.6
65°	170.1	164.4	160.9	160.5	157.3	151.0	144.1	139.6	134.9	128.4	121.2
62.5°	212.2	209.7	203.3	196.4	191.1	186.6	178.2	168.8	160.8	153.4	144.9
60°	246.4	240.7	235.3	229.0	221.6	214.4	207.5	198.4	187.0	177.8	168.4
57.5°	276.2	270.6	267.0	261.0	252.3	245.0	237.4	228.2	217.1	203.8	192.0
55°	309.8	305.5	301.7	296.0	288.2	278.2	268.4	258.5	246.1	230.1	215.6
52.5°	349.6	344.4	338.7	332.7	323.5	311.2	299.6	287.9	273.5	256.1	238.5
50°	396.1	385.4	376.0	367.9	356.0	342.3	328.5	315.4	298.3	280.4	262.1
47.5°	431.0	421.8	411.2	399.6	386.1	371.4	355.9	339.4	321.6	303.0	283.7
45°	483.3	463.6	442.9	429.9	414.8	398.9	382.4	363.5	344.0	324.3	304.0
42.5°	619.2	545.5	497.8	470.3	445.1	427.2	407.3	386.9	366.1	345.0	323.5
40°	1015.3	729.1	633.4	540.3	491.1	459.1	433.2	409.4	387.3	364.9	342.3
37.5°	1741.8	1336.2	1006.0	707.4	596.2	502.5	463.5	432.7	407.6	384.2	360.4
35°	2654.3	2186.8	1645.4	1204.3	799.1	624.0	503.6	460.4	428.3	403.0	377.9
32.5°	3447.1	2991.7	2468.7	1862.0	1304.7	842.1	621.8	497.2	451.1	421.5	394.8
30°	4121.3	3700.7	3201.2	2596.9	1929.5	1301.3	794.7	591.6	485.2	439.2	411.0
27.5°	4671.4	4294.0	3826.4	3276.8	2596.0	1857.7	1205.9	708.9	536.3	465.6	426.4
25°	5176.7	4778.6	4339.9	3826.9	3207.3	2462.7	1655.8	1018.1	636.8	493.9	440.7
22.5°	5656.5	5233.7	4783.0	4285.9	3712.4	3000.7	2196.1	1362.1	738.2	545.0	462.8
20°	6120.3	5654.4	5184.8	4668.3	4095.6	3475.0	2685.2	1774.4	1027.8	622.8	483.9
17.5°	6595.5	6062.2	5530.3	5004.7	4424.2	3801.1	3066.4	2189.0	1279.5	692.8	502.1
15°	7045.5	6449.8	5863.0	5285.0	4704.6	4073.2	3384.7	2558.3	1529.4	834.3	553.9
12.5°	7501.2	6807.7	6170.7	5522.7	4940.3	4300.2	3610.4	2810.3	1822.5	1007.8	605.3
10°	7913.9	7136.1	6429.8	5744.1	5116.1	4481.3	3791.8	3012.8	2063.6	1150.3	647.5
7.5°	8267.6	7421.7	6645.4	5924.5	5257.3	4632.4	3947.4	3174.4	2245.2	1260.5	680.5
5°	8540.5	7630.4	6811.2	6072.5	5367.0	4735.4	4061.3	3292.1	2367.5	1337.8	704.2
2.5°	8704.6	7756.8	6908.4	6164.3	5435.3	4794.2	4121.5	3367.4	2445.5	1387.7	721.7
0°	8775.3	7795.1	6979.8	6226.2	5461.4	4818.8	4120.2	3395.7	2473.9	1406.3	730.1
-2.5°	8704.6	7756.8	6908.4	6164.3	5435.3	4794.2	4121.5	3367.4	2445.5	1387.7	721.7
-5°	8540.5	7630.4	6811.2	6072.5	5367.0	4735.4	4061.3	3292.1	2367.5	1337.8	704.2
-7.5°	8267.6	7421.7	6645.4	5924.5	5257.3	4632.4	3947.4	3174.4	2245.2	1260.5	680.5
-10°	7913.9	7136.1	6429.8	5744.1	5116.1	4481.3	3791.8	3012.8	2063.6	1150.3	647.5
-12.5°	7501.2	6807.7	6170.7	5522.7	4940.3	4300.2	3610.4	2810.3	1822.5	1007.8	605.3
-15°	7045.5	6449.8	5863.0	5285.0	4704.6	4073.2	3384.7	2558.3	1529.4	834.3	553.9
-17.5°	6595.5	6062.2	5530.3	5004.7	4424.2	3801.1	3066.4	2189.0	1279.5	692.8	502.1
-20°	6120.3	5654.4	5184.8	4668.3	4095.6	3475.0	2685.2	1774.4	1027.8	622.8	483.9



REPORT NUMBER: P558789 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5656.5	5233.7	4783.0	4285.9	3712.4	3000.7	2196.1	1362.1	738.2	545.0	462.8
-25°	5176.7	4778.6	4339.9	3826.9	3207.3	2462.7	1655.8	1018.1	636.8	493.9	440.7
-27.5°	4671.4	4294.0	3826.4	3276.8	2596.0	1857.7	1205.9	708.9	536.3	465.6	426.4
-30°	4121.3	3700.7	3201.2	2596.9	1929.5	1301.3	794.7	591.6	485.2	439.2	411.0
-32.5°	3447.1	2991.7	2468.7	1862.0	1304.7	842.1	621.8	497.2	451.1	421.5	394.8
-35°	2654.3	2186.8	1645.4	1204.3	799.1	624.0	503.6	460.4	428.3	403.0	377.9
-37.5°	1741.8	1336.2	1006.0	707.4	596.2	502.5	463.5	432.7	407.6	384.2	360.4
-40°	1015.3	729.1	633.4	540.3	491.1	459.1	433.2	409.4	387.3	364.9	342.3
-42.5°	619.2	545.5	497.8	470.3	445.1	427.2	407.3	386.9	366.1	345.0	323.5
-45°	483.3	463.6	442.9	429.9	414.8	398.9	382.4	363.5	344.0	324.3	304.0
-47.5°	431.0	421.8	411.2	399.6	386.1	371.4	355.9	339.4	321.6	303.0	283.7
-50°	396.1	385.4	376.0	367.9	356.0	342.3	328.5	315.4	298.3	280.4	262.1
-52.5°	349.6	344.4	338.7	332.7	323.5	311.2	299.6	287.9	273.5	256.1	238.5
-55°	309.8	305.5	301.7	296.0	288.2	278.2	268.4	258.5	246.1	230.1	215.6
-57.5°	276.2	270.6	267.0	261.0	252.3	245.0	237.4	228.2	217.1	203.8	192.0
-60°	246.4	240.7	235.3	229.0	221.6	214.4	207.5	198.4	187.0	177.8	168.4
-62.5°	212.2	209.7	203.3	196.4	191.1	186.6	178.2	168.8	160.8	153.4	144.9
-65°	170.1	164.4	160.9	160.5	157.3	151.0	144.1	139.6	134.9	128.4	121.2
-67.5°	138.4	135.9	133.4	130.0	126.7	122.4	119.5	115.6	110.7	103.8	98.6
-70°	117.2	115.7	113.5	110.2	106.7	103.2	99.9	95.3	88.8	80.7	76.1
-72.5°	98.7	97.6	95.9	93.3	90.4	87.5	83.3	76.9	69.0	59.6	54.9
-75°	81.3	80.6	79.4	77.3	75.0	72.6	68.3	61.0	53.3	45.3	41.1
-77.5°	63.1	62.8	62.3	60.8	59.4	58.0	55.1	47.8	40.6	34.1	30.7
-80°	42.3	42.8	42.8	42.0	41.0	39.9	38.1	33.1	28.6	24.7	21.9
-82.5°	24.6	23.7	22.7	22.8	22.9	22.9	22.6	19.9	17.3	14.8	12.9
-85°	8.7	8.2	7.8	8.6	9.3	9.8	10.1	8.9	7.9	6.8	6.0
-87.5°	2.1	2.0	2.0	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.6
-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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 CATALOG NUMBER: GFLD-SA3C-930-U-MWR-XX

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°	1.9	2.2	2.4	2.6	2.7	2.8	2.8	2.8	2.7	2.5	2.3
85°	6.4	6.6	6.6	6.5	6.1	5.6	5.7	5.7	5.4	5.0	4.6
82.5°	13.4	13.9	14.2	14.2	13.3	12.3	11.3	10.3	9.2	7.7	6.9
80°	23.2	23.9	24.1	23.5	21.2	19.0	17.5	16.1	14.9	13.3	11.1
77.5°	33.0	34.4	35.1	34.3	31.2	28.1	25.1	22.4	20.7	18.9	16.4
75°	43.1	45.4	46.7	45.9	42.0	37.2	33.3	30.1	27.7	24.6	21.8
72.5°	55.9	57.0	58.3	58.0	54.6	49.8	43.5	37.9	35.3	31.8	27.4
70°	73.1	69.9	69.1	68.7	66.6	62.9	56.5	49.1	42.9	39.0	34.1
67.5°	94.1	89.7	85.1	80.3	77.8	74.5	69.4	60.7	52.6	46.2	40.8
65°	114.8	108.9	103.4	96.3	90.5	86.1	80.9	71.6	61.9	53.8	47.5
62.5°	136.0	127.4	119.9	111.7	104.1	97.8	92.3	81.7	70.8	61.0	53.5
60°	158.2	147.8	136.4	126.6	117.4	109.0	101.6	91.7	79.9	67.9	59.0
57.5°	180.8	168.6	154.7	141.8	130.7	120.5	110.5	100.4	88.8	75.6	63.9
55°	203.0	189.6	173.0	157.6	144.1	132.4	119.8	108.4	97.2	83.4	67.4
52.5°	222.8	208.8	192.2	173.7	157.6	143.8	129.9	116.3	104.3	91.0	72.3
50°	243.0	225.7	209.9	191.5	171.0	155.0	139.6	125.0	111.3	98.1	76.8
47.5°	264.1	243.8	225.3	208.1	187.2	165.9	149.5	133.5	118.1	104.1	80.8
45°	283.4	262.5	241.2	222.1	202.2	178.6	159.1	141.7	125.4	107.2	84.2
42.5°	301.8	279.9	257.7	235.6	214.8	191.0	168.5	150.0	132.4	109.6	86.6
40°	319.4	296.3	273.1	250.1	227.5	202.4	178.6	158.1	138.6	111.7	88.2
37.5°	336.1	312.0	287.7	264.0	240.3	214.2	188.0	165.9	141.6	114.0	89.3
35°	352.3	326.8	302.2	277.3	252.4	226.1	196.3	173.3	146.2	115.9	89.9
32.5°	367.8	341.2	315.9	290.2	263.9	238.1	205.8	180.1	151.7	117.5	90.1
30°	382.8	355.3	328.7	302.4	274.8	248.1	216.4	186.8	158.1	118.7	90.0
27.5°	397.2	368.4	340.7	313.6	285.4	257.3	226.7	193.3	165.4	121.0	90.6
25°	410.3	380.6	351.9	323.9	295.3	266.2	236.2	199.7	171.4	125.9	90.9
22.5°	422.5	391.6	362.0	333.3	305.0	274.7	244.3	207.6	176.4	130.9	90.7
20°	433.6	401.5	371.4	343.2	313.8	282.8	251.2	214.7	181.0	136.1	90.3
17.5°	444.7	411.7	382.3	352.6	321.9	290.2	257.6	221.1	185.3	141.2	89.4
15°	462.2	422.8	392.2	361.5	329.4	296.8	263.4	226.7	189.2	146.1	89.1
12.5°	478.0	432.7	401.0	369.6	336.3	302.6	268.7	231.5	192.7	149.5	89.5
10°	491.3	441.4	408.9	377.1	342.4	307.6	273.4	235.7	195.5	150.9	89.3
7.5°	502.1	448.9	415.7	383.7	348.1	312.4	277.7	239.1	198.4	151.1	88.6
5°	511.4	457.0	424.1	390.9	354.9	317.1	281.3	241.8	200.9	150.0	87.4
2.5°	522.1	466.9	433.5	397.3	360.7	321.0	284.1	243.6	202.9	147.9	85.9
0°	530.4	475.5	441.8	402.6	365.6	324.1	286.0	244.5	204.1	144.7	84.1
-2.5°	522.1	466.9	433.5	397.3	360.7	321.0	284.1	243.6	202.9	147.9	85.9
-5°	511.4	457.0	424.1	390.9	354.9	317.1	281.3	241.8	200.9	150.0	87.4
-7.5°	502.1	448.9	415.7	383.7	348.1	312.4	277.7	239.1	198.4	151.1	88.6
-10°	491.3	441.4	408.9	377.1	342.4	307.6	273.4	235.7	195.5	150.9	89.3
-12.5°	478.0	432.7	401.0	369.6	336.3	302.6	268.7	231.5	192.7	149.5	89.5
-15°	462.2	422.8	392.2	361.5	329.4	296.8	263.4	226.7	189.2	146.1	89.1
-17.5°	444.7	411.7	382.3	352.6	321.9	290.2	257.6	221.1	185.3	141.2	89.4
-20°	433.6	401.5	371.4	343.2	313.8	282.8	251.2	214.7	181.0	136.1	90.3



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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°	422.5	391.6	362.0	333.3	305.0	274.7	244.3	207.6	176.4	130.9	90.7
-25°	410.3	380.6	351.9	323.9	295.3	266.2	236.2	199.7	171.4	125.9	90.9
-27.5°	397.2	368.4	340.7	313.6	285.4	257.3	226.7	193.3	165.4	121.0	90.6
-30°	382.8	355.3	328.7	302.4	274.8	248.1	216.4	186.8	158.1	118.7	90.0
-32.5°	367.8	341.2	315.9	290.2	263.9	238.1	205.8	180.1	151.7	117.5	90.1
-35°	352.3	326.8	302.2	277.3	252.4	226.1	196.3	173.3	146.2	115.9	89.9
-37.5°	336.1	312.0	287.7	264.0	240.3	214.2	188.0	165.9	141.6	114.0	89.3
-40°	319.4	296.3	273.1	250.1	227.5	202.4	178.6	158.1	138.6	111.7	88.2
-42.5°	301.8	279.9	257.7	235.6	214.8	191.0	168.5	150.0	132.4	109.6	86.6
-45°	283.4	262.5	241.2	222.1	202.2	178.6	159.1	141.7	125.4	107.2	84.2
-47.5°	264.1	243.8	225.3	208.1	187.2	165.9	149.5	133.5	118.1	104.1	80.8
-50°	243.0	225.7	209.9	191.5	171.0	155.0	139.6	125.0	111.3	98.1	76.8
-52.5°	222.8	208.8	192.2	173.7	157.6	143.8	129.9	116.3	104.3	91.0	72.3
-55°	203.0	189.6	173.0	157.6	144.1	132.4	119.8	108.4	97.2	83.4	67.4
-57.5°	180.8	168.6	154.7	141.8	130.7	120.5	110.5	100.4	88.8	75.6	63.9
-60°	158.2	147.8	136.4	126.6	117.4	109.0	101.6	91.7	79.9	67.9	59.0
-62.5°	136.0	127.4	119.9	111.7	104.1	97.8	92.3	81.7	70.8	61.0	53.5
-65°	114.8	108.9	103.4	96.3	90.5	86.1	80.9	71.6	61.9	53.8	47.5
-67.5°	94.1	89.7	85.1	80.3	77.8	74.5	69.4	60.7	52.6	46.2	40.8
-70°	73.1	69.9	69.1	68.7	66.6	62.9	56.5	49.1	42.9	39.0	34.1
-72.5°	55.9	57.0	58.3	58.0	54.6	49.8	43.5	37.9	35.3	31.8	27.4
-75°	43.1	45.4	46.7	45.9	42.0	37.2	33.3	30.1	27.7	24.6	21.8
-77.5°	33.0	34.4	35.1	34.3	31.2	28.1	25.1	22.4	20.7	18.9	16.4
-80°	23.2	23.9	24.1	23.5	21.2	19.0	17.5	16.1	14.9	13.3	11.1
-82.5°	13.4	13.9	14.2	14.2	13.3	12.3	11.3	10.3	9.2	7.7	6.9
-85°	6.4	6.6	6.6	6.5	6.1	5.6	5.7	5.7	5.4	5.0	4.6
-87.5°	1.9	2.2	2.4	2.6	2.7	2.8	2.8	2.8	2.7	2.5	2.3
-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°	2.0	1.6	1.2	0.8	0.5	0.2	0.0
85°	4.1	3.2	2.3	1.6	1.0	0.5	0.0
82.5°	6.1	4.7	3.5	2.4	1.5	0.7	0.0
80°	8.4	6.3	4.6	3.2	1.9	1.0	0.0
77.5°	13.2	8.6	5.8	4.0	2.4	1.2	0.0
75°	17.8	12.2	7.2	4.7	2.9	1.4	0.0
72.5°	22.4	15.7	9.8	5.5	3.4	1.7	0.0
70°	26.9	19.2	12.4	6.4	3.8	1.9	0.0
67.5°	32.3	22.5	14.9	8.2	4.3	2.1	0.0
65°	37.4	26.1	17.3	9.9	4.7	2.4	0.0
62.5°	42.3	29.9	19.6	11.5	5.2	2.6	0.0
60°	46.9	33.5	21.9	13.1	5.6	2.8	0.0
57.5°	50.0	37.0	24.4	14.6	6.6	3.0	0.0
55°	52.7	40.2	26.8	16.0	7.5	3.2	0.0
52.5°	55.0	42.9	29.1	17.4	8.5	3.4	0.0
50°	56.8	44.3	31.2	18.6	9.4	3.6	0.0
47.5°	58.6	45.4	33.2	19.9	10.2	3.8	0.0
45°	61.4	46.2	35.0	21.2	11.0	4.0	0.0
42.5°	63.8	46.8	36.6	22.5	11.8	4.1	0.0
40°	65.8	47.0	37.5	23.7	12.5	4.3	0.0
37.5°	67.3	47.0	37.6	25.1	13.2	4.4	0.0
35°	68.4	47.6	37.5	26.4	13.9	4.6	0.0
32.5°	69.0	48.4	37.3	27.6	14.5	4.7	0.0
30°	68.9	48.8	37.0	28.8	15.0	4.8	0.0
27.5°	68.5	49.0	37.4	30.0	15.5	5.0	0.0
25°	67.7	48.8	37.8	31.1	16.0	5.1	0.0
22.5°	66.6	48.9	38.1	32.2	16.4	5.2	0.0
20°	65.2	50.2	38.5	33.1	16.8	5.3	0.0
17.5°	65.3	51.3	38.7	34.1	17.1	5.3	0.0
15°	66.3	52.3	38.9	34.9	17.3	5.4	0.0
12.5°	67.1	53.1	39.0	35.7	17.6	5.5	0.0
10°	67.7	53.8	39.2	36.4	17.7	5.5	0.0
7.5°	68.1	54.3	39.2	37.0	17.8	5.6	0.0
5°	68.4	54.7	39.3	37.4	17.9	5.6	0.0
2.5°	68.5	54.9	39.3	37.8	17.9	5.6	0.0
0°	68.4	55.0	39.3	38.1	17.9	5.6	0.0
-2.5°	68.5	54.9	39.3	37.8	17.9	5.6	0.0
-5°	68.4	54.7	39.3	37.4	17.9	5.6	0.0
-7.5°	68.1	54.3	39.2	37.0	17.8	5.6	0.0
-10°	67.7	53.8	39.2	36.4	17.7	5.5	0.0
-12.5°	67.1	53.1	39.0	35.7	17.6	5.5	0.0
-15°	66.3	52.3	38.9	34.9	17.3	5.4	0.0
-17.5°	65.3	51.3	38.7	34.1	17.1	5.3	0.0
-20°	65.2	50.2	38.5	33.1	16.8	5.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	66.6	48.9	38.1	32.2	16.4	5.2	0.0
-25°	67.7	48.8	37.8	31.1	16.0	5.1	0.0
-27.5°	68.5	49.0	37.4	30.0	15.5	5.0	0.0
-30°	68.9	48.8	37.0	28.8	15.0	4.8	0.0
-32.5°	69.0	48.4	37.3	27.6	14.5	4.7	0.0
-35°	68.4	47.6	37.5	26.4	13.9	4.6	0.0
-37.5°	67.3	47.0	37.6	25.1	13.2	4.4	0.0
-40°	65.8	47.0	37.5	23.7	12.5	4.3	0.0
-42.5°	63.8	46.8	36.6	22.5	11.8	4.1	0.0
-45°	61.4	46.2	35.0	21.2	11.0	4.0	0.0
-47.5°	58.6	45.4	33.2	19.9	10.2	3.8	0.0
-50°	56.8	44.3	31.2	18.6	9.4	3.6	0.0
-52.5°	55.0	42.9	29.1	17.4	8.5	3.4	0.0
-55°	52.7	40.2	26.8	16.0	7.5	3.2	0.0
-57.5°	50.0	37.0	24.4	14.6	6.6	3.0	0.0
-60°	46.9	33.5	21.9	13.1	5.6	2.8	0.0
-62.5°	42.3	29.9	19.6	11.5	5.2	2.6	0.0
-65°	37.4	26.1	17.3	9.9	4.7	2.4	0.0
-67.5°	32.3	22.5	14.9	8.2	4.3	2.1	0.0
-70°	26.9	19.2	12.4	6.4	3.8	1.9	0.0
-72.5°	22.4	15.7	9.8	5.5	3.4	1.7	0.0
-75°	17.8	12.2	7.2	4.7	2.9	1.4	0.0
-77.5°	13.2	8.6	5.8	4.0	2.4	1.2	0.0
-80°	8.4	6.3	4.6	3.2	1.9	1.0	0.0
-82.5°	6.1	4.7	3.5	2.4	1.5	0.7	0.0
-85°	4.1	3.2	2.3	1.6	1.0	0.5	0.0
-87.5°	2.0	1.6	1.2	0.8	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)