

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: P558832 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-935-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558832 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA3D-935-U-TS-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (48) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

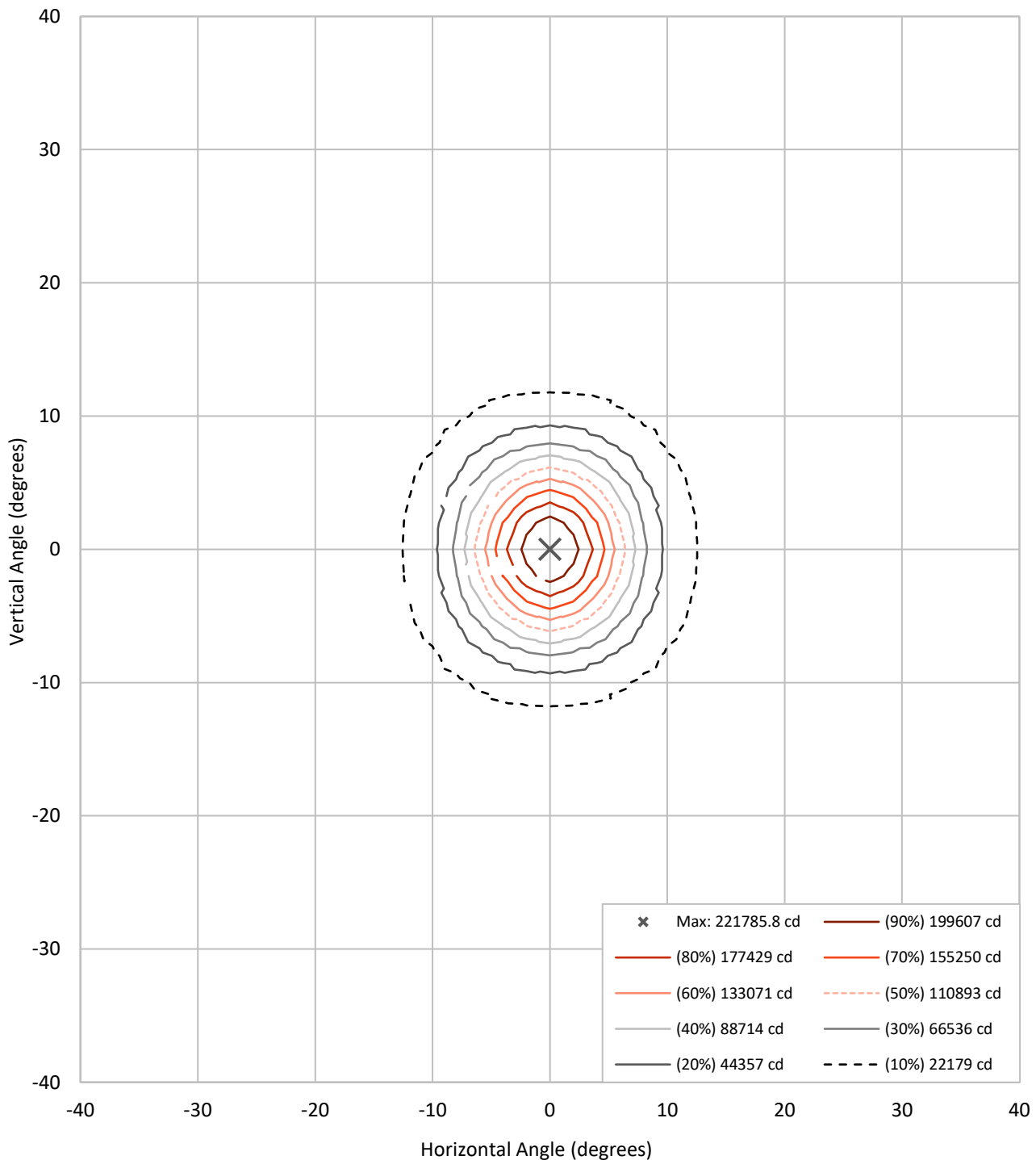
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	16076.5 lumens	Max Intensity:	221785.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	101.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	5079.9 lumens	Field Lumens:	11253.8 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

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



REPORT NUMBER: P558832 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





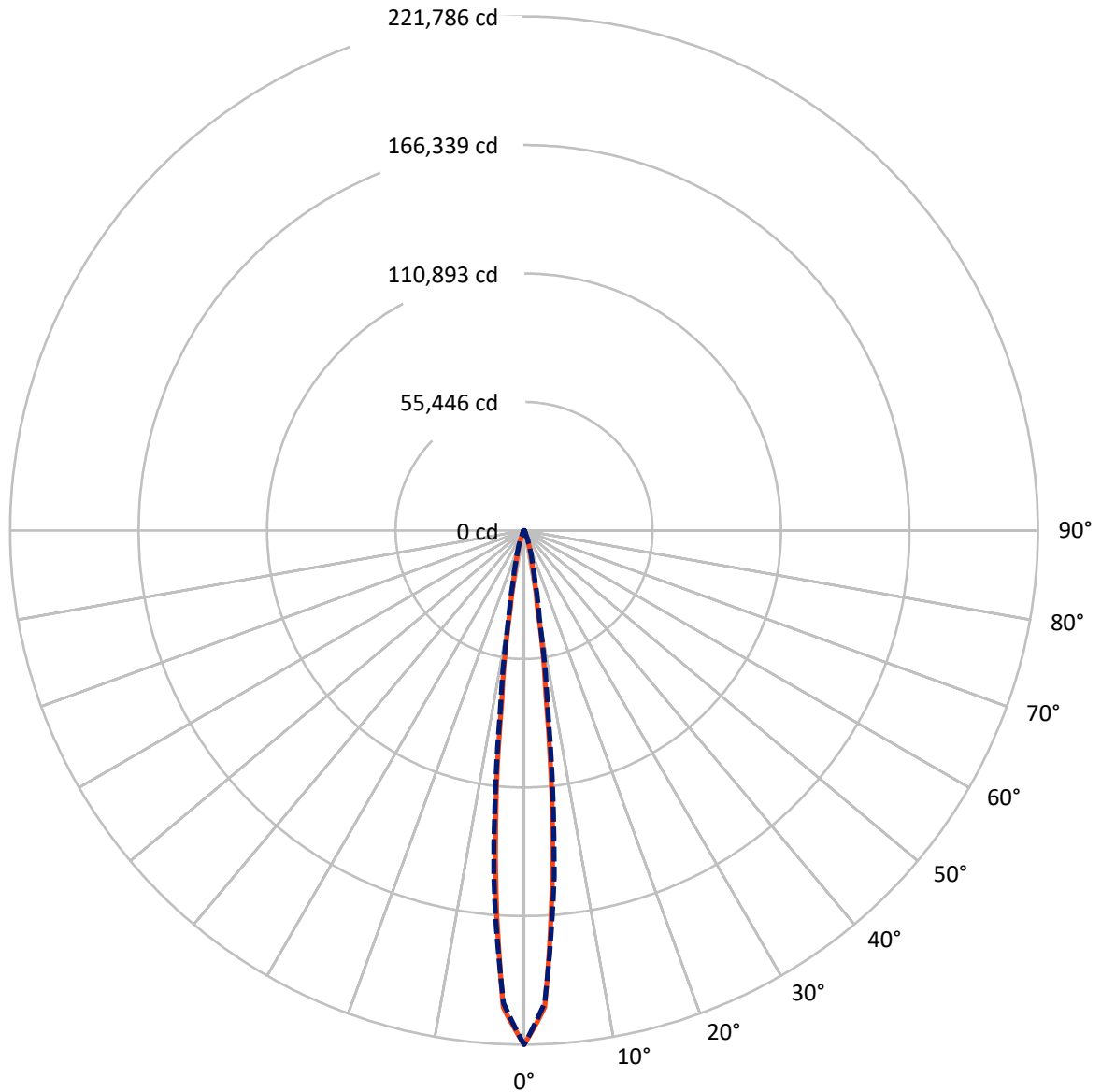
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Lumen Table

90	0.2	1.9		5.1		8.3		9.6		8.3		5.1		1.9		0.2
80	0.2	1.9		5.1		8.3		9.6		8.3		5.1		1.9		0.2
70	0.8	1.0	2.1	3.4	4.7	5.8	6.6	7.0	7.0	6.6	5.8	4.7	3.4	2.1	1.0	0.8
60		1.5	3.1	4.7	6.1	7.2	7.9	8.2	8.2	7.9	7.2	6.1	4.7	3.1	1.5	
50	1.6	2.0	3.8	5.5	6.8	8.0	9.0	9.4	9.4	9.0	8.0	6.8	5.5	3.8	2.0	1.6
40		2.4	4.3	5.9	7.6	9.8	12.3	13.8	13.8	12.3	9.8	7.6	5.9	4.3	2.4	
30	2.1	2.7	4.5	6.3	8.9	13.9	30.8	56.1	56.1	30.8	13.9	8.9	6.3	4.5	2.7	2.1
20		2.8	4.6	6.7	10.6	29.9	168.6	370.9	370.9	168.6	29.9	10.6	6.7	4.6	2.8	
10	2.3	2.9	4.7	6.9	11.8	57.3	404.7	2617.9	2617.9	404.7	57.3	11.8	6.9	4.7	2.9	2.3
0		2.9	4.7	6.9	11.8	57.3	404.7	2617.9	2617.9	404.7	57.3	11.8	6.9	4.7	2.9	
-10	2.1	2.8	4.6	6.7	10.6	29.9	168.6	370.9	370.9	168.6	29.9	10.6	6.7	4.6	2.8	2.1
-20		2.7	4.5	6.3	8.9	13.9	30.8	56.1	56.1	30.8	13.9	8.9	6.3	4.5	2.7	
-30	1.6	2.4	4.3	5.9	7.6	9.8	12.3	13.8	13.8	12.3	9.8	7.6	5.9	4.3	2.4	1.6
-40		2.0	3.8	5.5	6.8	8.0	9.0	9.4	9.4	9.0	8.0	6.8	5.5	3.8	2.0	
-50	0.8	1.5	3.1	4.7	6.1	7.2	7.9	8.2	8.2	7.9	7.2	6.1	4.7	3.1	1.5	0.8
-60		1.0	2.1	3.4	4.7	5.8	6.6	7.0	7.0	6.6	5.8	4.7	3.4	2.1	1.0	
-70	0.2	1.9		5.1		8.3		9.6		8.3		5.1		1.9		0.2
-80		1.9		5.1		8.3		9.6		8.3		5.1		1.9		
-90	0.2	1.9		5.1		8.3		9.6		8.3		5.1		1.9		0.2

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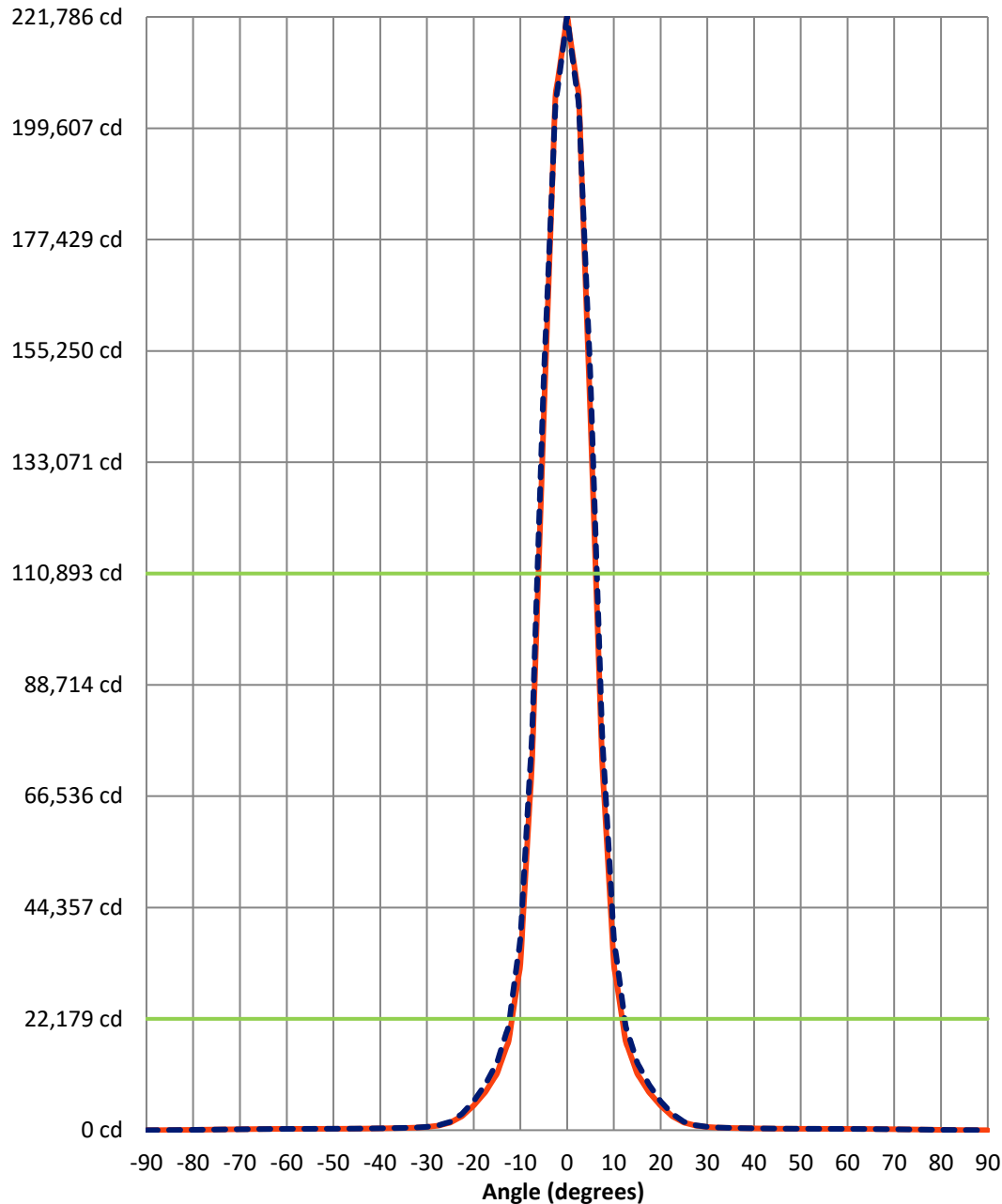
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 12.7°
V Angle: 12.3°
Lumens: 5079.9
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 11253.8
Efficiency: 70.0%

Spill:
Lumens: 4822.8
Efficiency: 30.0%

— 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	0.5	1.0	1.5	1.9	2.3	2.7	3.2	3.6	4.0	4.4
85°	0.0	1.0	2.1	3.0	3.9	4.7	5.4	6.3	7.2	8.0	8.9
82.5°	0.0	1.6	3.1	4.5	5.8	7.0	8.1	9.4	10.9	12.8	14.8
80°	0.0	2.1	4.1	6.0	7.8	9.4	11.0	13.5	16.1	18.9	21.7
77.5°	0.0	2.6	5.1	7.5	9.7	12.0	14.8	18.0	21.4	24.9	28.6
75°	0.0	3.1	6.2	9.0	11.7	15.2	18.6	22.4	26.6	31.5	36.0
72.5°	0.0	3.6	7.1	10.4	14.2	18.3	22.3	27.1	32.8	38.2	43.4
70°	0.0	4.1	8.1	12.0	16.7	21.4	26.1	32.6	38.9	45.0	53.4
67.5°	0.0	4.6	9.1	13.8	19.1	24.4	30.8	37.9	45.0	54.3	63.9
65°	0.0	5.0	10.0	15.6	21.6	27.8	35.4	43.3	52.9	63.3	74.3
62.5°	0.0	5.5	11.0	17.4	23.9	31.5	39.9	49.4	60.5	72.3	85.1
60°	0.0	5.9	11.9	19.1	26.2	35.1	44.3	55.8	67.9	81.8	95.7
57.5°	0.0	6.4	13.0	20.8	29.0	38.6	49.5	62.0	76.0	91.1	106.4
55°	0.0	6.8	14.1	22.5	31.7	42.0	54.7	68.0	84.0	100.3	117.1
52.5°	0.0	7.2	15.1	24.1	34.3	45.5	59.8	74.9	91.9	109.6	127.4
50°	0.0	7.6	16.2	25.7	36.8	49.6	64.7	81.6	99.6	118.6	137.7
47.5°	0.0	8.0	17.2	27.2	39.2	53.5	69.5	88.0	107.3	127.3	147.7
45°	0.0	8.4	18.1	29.0	41.5	57.3	74.7	94.2	114.8	136.0	157.4
42.5°	0.0	8.8	19.0	30.6	43.8	60.9	79.8	100.3	122.0	144.5	165.7
40°	0.0	9.1	19.9	32.2	46.2	64.3	84.5	106.3	129.0	152.6	173.4
37.5°	0.0	9.4	20.7	33.6	48.8	67.6	89.0	112.0	135.8	159.9	180.8
35°	0.0	9.7	21.5	35.0	51.3	71.0	93.3	117.4	142.1	166.1	187.5
32.5°	0.0	10.0	22.2	36.2	53.6	74.3	97.3	122.4	148.1	171.8	193.3
30°	0.0	10.3	22.9	37.4	55.8	77.4	101.4	127.2	153.6	177.2	198.6
27.5°	0.0	10.6	23.5	38.4	57.8	80.2	105.1	131.6	158.4	182.2	203.5
25°	0.0	10.8	24.1	39.4	59.6	82.8	108.5	135.7	162.4	186.4	208.0
22.5°	0.0	11.0	24.6	40.2	61.3	85.2	111.6	139.3	166.1	190.1	211.4
20°	0.0	11.2	25.1	41.0	62.8	87.4	114.4	142.6	169.3	193.3	214.5
17.5°	0.0	11.3	25.5	41.6	64.1	89.3	116.9	145.4	172.2	196.2	217.3
15°	0.0	11.5	25.9	42.1	65.3	90.9	119.2	147.9	174.7	198.7	219.7
12.5°	0.0	11.6	26.2	42.6	66.3	92.4	121.1	149.9	176.7	200.7	221.8
10°	0.0	11.7	26.4	42.9	67.2	93.5	122.6	151.5	178.4	202.3	223.4
7.5°	0.0	11.8	26.6	43.2	67.8	94.4	123.8	152.7	179.6	203.5	224.6
5°	0.0	11.9	26.8	43.3	68.3	95.1	124.7	153.5	180.4	204.3	225.3
2.5°	0.0	11.9	26.9	43.4	68.6	95.5	125.2	153.8	180.8	204.7	225.6
0°	0.0	11.9	26.9	43.3	68.7	95.6	125.4	153.8	180.7	204.6	225.5
-2.5°	0.0	11.9	26.9	43.4	68.6	95.5	125.2	153.8	180.8	204.7	225.6
-5°	0.0	11.9	26.8	43.3	68.3	95.1	124.7	153.5	180.4	204.3	225.3
-7.5°	0.0	11.8	26.6	43.2	67.8	94.4	123.8	152.7	179.6	203.5	224.6
-10°	0.0	11.7	26.4	42.9	67.2	93.5	122.6	151.5	178.4	202.3	223.4
-12.5°	0.0	11.6	26.2	42.6	66.3	92.4	121.1	149.9	176.7	200.7	221.8
-15°	0.0	11.5	25.9	42.1	65.3	90.9	119.2	147.9	174.7	198.7	219.7
-17.5°	0.0	11.3	25.5	41.6	64.1	89.3	116.9	145.4	172.2	196.2	217.3
-20°	0.0	11.2	25.1	41.0	62.8	87.4	114.4	142.6	169.3	193.3	214.5



REPORT NUMBER: P558832 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	11.0	24.6	40.2	61.3	85.2	111.6	139.3	166.1	190.1	211.4
-25°	0.0	10.8	24.1	39.4	59.6	82.8	108.5	135.7	162.4	186.4	208.0
-27.5°	0.0	10.6	23.5	38.4	57.8	80.2	105.1	131.6	158.4	182.2	203.5
-30°	0.0	10.3	22.9	37.4	55.8	77.4	101.4	127.2	153.6	177.2	198.6
-32.5°	0.0	10.0	22.2	36.2	53.6	74.3	97.3	122.4	148.1	171.8	193.3
-35°	0.0	9.7	21.5	35.0	51.3	71.0	93.3	117.4	142.1	166.1	187.5
-37.5°	0.0	9.4	20.7	33.6	48.8	67.6	89.0	112.0	135.8	159.9	180.8
-40°	0.0	9.1	19.9	32.2	46.2	64.3	84.5	106.3	129.0	152.6	173.4
-42.5°	0.0	8.8	19.0	30.6	43.8	60.9	79.8	100.3	122.0	144.5	165.7
-45°	0.0	8.4	18.1	29.0	41.5	57.3	74.7	94.2	114.8	136.0	157.4
-47.5°	0.0	8.0	17.2	27.2	39.2	53.5	69.5	88.0	107.3	127.3	147.7
-50°	0.0	7.6	16.2	25.7	36.8	49.6	64.7	81.6	99.6	118.6	137.7
-52.5°	0.0	7.2	15.1	24.1	34.3	45.5	59.8	74.9	91.9	109.6	127.4
-55°	0.0	6.8	14.1	22.5	31.7	42.0	54.7	68.0	84.0	100.3	117.1
-57.5°	0.0	6.4	13.0	20.8	29.0	38.6	49.5	62.0	76.0	91.1	106.4
-60°	0.0	5.9	11.9	19.1	26.2	35.1	44.3	55.8	67.9	81.8	95.7
-62.5°	0.0	5.5	11.0	17.4	23.9	31.5	39.9	49.4	60.5	72.3	85.1
-65°	0.0	5.0	10.0	15.6	21.6	27.8	35.4	43.3	52.9	63.3	74.3
-67.5°	0.0	4.6	9.1	13.8	19.1	24.4	30.8	37.9	45.0	54.3	63.9
-70°	0.0	4.1	8.1	12.0	16.7	21.4	26.1	32.6	38.9	45.0	53.4
-72.5°	0.0	3.6	7.1	10.4	14.2	18.3	22.3	27.1	32.8	38.2	43.4
-75°	0.0	3.1	6.2	9.0	11.7	15.2	18.6	22.4	26.6	31.5	36.0
-77.5°	0.0	2.6	5.1	7.5	9.7	12.0	14.8	18.0	21.4	24.9	28.6
-80°	0.0	2.1	4.1	6.0	7.8	9.4	11.0	13.5	16.1	18.9	21.7
-82.5°	0.0	1.6	3.1	4.5	5.8	7.0	8.1	9.4	10.9	12.8	14.8
-85°	0.0	1.0	2.1	3.0	3.9	4.7	5.4	6.3	7.2	8.0	8.9
-87.5°	0.0	0.5	1.0	1.5	1.9	2.3	2.7	3.2	3.6	4.0	4.4
-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):

	-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°	4.8	5.2	5.6	6.0	6.4	6.7	7.1	7.4	7.7	8.0	8.3
85°	9.7	10.5	11.5	12.5	13.3	14.1	14.8	15.4	16.3	17.2	18.1
82.5°	16.5	17.9	19.2	20.2	21.2	22.2	23.3	25.1	27.3	29.5	31.5
80°	23.7	25.4	27.8	30.4	33.2	35.8	38.4	40.9	43.5	46.4	49.4
77.5°	31.8	35.2	38.9	42.9	46.8	51.3	55.8	60.4	64.6	68.2	71.4
75°	40.3	44.9	51.1	57.3	63.2	69.0	75.0	80.8	85.8	90.4	95.1
72.5°	50.2	57.7	65.1	72.3	79.9	87.1	94.0	100.5	106.9	113.3	119.4
70°	62.0	70.6	79.5	88.5	97.3	105.4	113.4	121.5	129.4	136.6	143.0
67.5°	73.8	84.0	94.3	104.4	114.1	123.3	132.8	142.1	150.9	158.5	165.1
65°	85.9	97.3	108.8	119.8	130.3	141.2	151.8	162.0	170.4	177.3	184.1
62.5°	97.8	110.7	123.1	135.2	147.1	159.0	169.2	178.4	187.0	194.6	201.8
60°	109.9	123.9	137.5	150.8	163.3	174.1	184.6	193.8	202.5	210.8	216.9
57.5°	121.9	137.0	151.7	165.3	177.3	188.5	198.5	208.2	215.8	222.4	229.1
55°	133.7	149.9	164.9	178.3	190.5	201.2	211.4	219.5	227.0	233.3	239.9
52.5°	145.2	162.1	177.0	190.5	202.3	212.9	221.8	229.9	236.9	243.3	248.7
50°	156.5	173.0	188.4	201.2	213.0	222.9	231.3	239.1	245.9	251.7	256.6
47.5°	166.5	183.5	198.1	211.3	222.4	231.8	240.0	247.4	254.1	259.3	264.1
45°	175.8	192.6	207.5	220.0	230.9	239.8	247.6	255.3	260.9	266.0	269.7
42.5°	184.7	201.0	215.5	228.5	238.0	246.7	254.7	261.3	267.1	271.5	275.5
40°	192.3	209.2	223.0	234.8	244.6	252.8	260.2	266.9	272.5	276.9	281.2
37.5°	199.5	215.8	229.8	240.8	250.0	258.1	265.4	271.6	277.2	281.8	287.7
35°	206.4	222.0	235.1	245.8	254.7	262.7	269.7	276.0	281.5	287.9	294.7
32.5°	212.3	227.9	240.1	249.8	258.7	266.8	273.8	280.2	286.6	293.8	302.2
30°	217.2	232.4	244.4	253.5	262.3	270.0	277.5	284.4	291.4	300.1	311.0
27.5°	221.7	236.4	247.5	256.7	265.6	272.8	280.6	288.4	296.6	306.8	320.5
25°	225.9	240.0	250.2	259.6	267.8	275.3	283.5	291.5	301.8	315.1	333.1
22.5°	229.4	243.4	252.6	262.2	269.7	277.7	286.0	295.0	306.6	322.8	346.4
20°	232.2	245.5	254.7	264.2	271.3	279.8	288.3	298.1	311.9	333.0	360.3
17.5°	234.7	247.2	256.4	265.3	272.9	281.5	290.3	300.5	316.2	342.5	373.1
15°	236.9	248.6	257.8	266.3	274.3	282.9	292.1	303.7	322.1	351.8	384.6
12.5°	238.8	249.7	258.9	267.0	275.3	283.8	293.6	306.5	328.3	360.3	396.1
10°	240.4	250.6	259.7	267.5	276.1	284.4	294.7	308.3	332.7	365.2	402.9
7.5°	241.4	251.3	260.2	267.8	276.6	284.5	295.6	309.3	335.5	367.8	406.6
5°	241.9	251.8	260.8	268.3	277.1	284.9	296.3	309.4	336.6	368.2	408.0
2.5°	242.1	252.2	261.2	268.7	277.6	285.9	297.7	311.1	337.6	370.1	409.0
0°	241.9	252.3	261.3	268.8	277.7	286.7	298.6	312.1	337.4	371.8	409.1
-2.5°	242.1	252.2	261.2	268.7	277.6	285.9	297.7	311.1	337.6	370.1	409.0
-5°	241.9	251.8	260.8	268.3	277.1	284.9	296.3	309.4	336.6	368.2	408.0
-7.5°	241.4	251.3	260.2	267.8	276.6	284.5	295.6	309.3	335.5	367.8	406.6
-10°	240.4	250.6	259.7	267.5	276.1	284.4	294.7	308.3	332.7	365.2	402.9
-12.5°	238.8	249.7	258.9	267.0	275.3	283.8	293.6	306.5	328.3	360.3	396.1
-15°	236.9	248.6	257.8	266.3	274.3	282.9	292.1	303.7	322.1	351.8	384.6
-17.5°	234.7	247.2	256.4	265.3	272.9	281.5	290.3	300.5	316.2	342.5	373.1
-20°	232.2	245.5	254.7	264.2	271.3	279.8	288.3	298.1	311.9	333.0	360.3



REPORT NUMBER: P558832 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	229.4	243.4	252.6	262.2	269.7	277.7	286.0	295.0	306.6	322.8	346.4
-25°	225.9	240.0	250.2	259.6	267.8	275.3	283.5	291.5	301.8	315.1	333.1
-27.5°	221.7	236.4	247.5	256.7	265.6	272.8	280.6	288.4	296.6	306.8	320.5
-30°	217.2	232.4	244.4	253.5	262.3	270.0	277.5	284.4	291.4	300.1	311.0
-32.5°	212.3	227.9	240.1	249.8	258.7	266.8	273.8	280.2	286.6	293.8	302.2
-35°	206.4	222.0	235.1	245.8	254.7	262.7	269.7	276.0	281.5	287.9	294.7
-37.5°	199.5	215.8	229.8	240.8	250.0	258.1	265.4	271.6	277.2	281.8	287.7
-40°	192.3	209.2	223.0	234.8	244.6	252.8	260.2	266.9	272.5	276.9	281.2
-42.5°	184.7	201.0	215.5	228.5	238.0	246.7	254.7	261.3	267.1	271.5	275.5
-45°	175.8	192.6	207.5	220.0	230.9	239.8	247.6	255.3	260.9	266.0	269.7
-47.5°	166.5	183.5	198.1	211.3	222.4	231.8	240.0	247.4	254.1	259.3	264.1
-50°	156.5	173.0	188.4	201.2	213.0	222.9	231.3	239.1	245.9	251.7	256.6
-52.5°	145.2	162.1	177.0	190.5	202.3	212.9	221.8	229.9	236.9	243.3	248.7
-55°	133.7	149.9	164.9	178.3	190.5	201.2	211.4	219.5	227.0	233.3	239.9
-57.5°	121.9	137.0	151.7	165.3	177.3	188.5	198.5	208.2	215.8	222.4	229.1
-60°	109.9	123.9	137.5	150.8	163.3	174.1	184.6	193.8	202.5	210.8	216.9
-62.5°	97.8	110.7	123.1	135.2	147.1	159.0	169.2	178.4	187.0	194.6	201.8
-65°	85.9	97.3	108.8	119.8	130.3	141.2	151.8	162.0	170.4	177.3	184.1
-67.5°	73.8	84.0	94.3	104.4	114.1	123.3	132.8	142.1	150.9	158.5	165.1
-70°	62.0	70.6	79.5	88.5	97.3	105.4	113.4	121.5	129.4	136.6	143.0
-72.5°	50.2	57.7	65.1	72.3	79.9	87.1	94.0	100.5	106.9	113.3	119.4
-75°	40.3	44.9	51.1	57.3	63.2	69.0	75.0	80.8	85.8	90.4	95.1
-77.5°	31.8	35.2	38.9	42.9	46.8	51.3	55.8	60.4	64.6	68.2	71.4
-80°	23.7	25.4	27.8	30.4	33.2	35.8	38.4	40.9	43.5	46.4	49.4
-82.5°	16.5	17.9	19.2	20.2	21.2	22.2	23.3	25.1	27.3	29.5	31.5
-85°	9.7	10.5	11.5	12.5	13.3	14.1	14.8	15.4	16.3	17.2	18.1
-87.5°	4.8	5.2	5.6	6.0	6.4	6.7	7.1	7.4	7.7	8.0	8.3
-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: P558832 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-U-TS-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°	8.6	8.5	8.4	8.3	8.2	8.3	8.5	8.6	8.7	8.8	8.9
85°	19.0	19.8	20.6	21.5	22.3	22.9	23.4	23.9	24.3	24.6	24.9
82.5°	33.4	35.1	36.7	38.1	39.3	40.3	41.3	42.1	42.8	43.4	43.9
80°	52.1	54.7	57.2	59.4	61.5	63.2	64.6	65.8	66.7	67.8	68.6
77.5°	74.5	78.1	81.5	84.6	87.4	89.7	91.7	93.4	94.9	96.7	98.4
75°	99.8	104.1	108.1	111.7	115.0	118.0	120.6	123.0	124.9	126.9	128.5
72.5°	125.1	130.3	134.9	138.8	142.3	145.7	149.0	152.1	155.0	157.1	158.7
70°	148.9	154.3	159.2	163.6	167.7	172.0	176.3	180.2	183.9	186.2	187.6
67.5°	170.7	176.2	181.8	187.2	192.1	196.6	200.9	204.9	208.4	210.9	212.3
65°	190.5	196.5	202.5	208.1	213.3	217.1	221.0	224.8	228.3	231.1	233.2
62.5°	208.9	214.9	220.0	224.7	229.1	232.9	236.8	240.2	243.2	245.9	248.4
60°	223.0	229.1	234.0	238.5	242.6	246.4	249.4	251.9	254.0	255.6	257.2
57.5°	235.2	241.0	246.0	249.6	253.2	256.8	259.4	261.1	262.3	263.2	263.9
55°	245.6	250.2	254.4	258.4	262.0	265.2	267.5	268.5	269.2	269.5	269.8
52.5°	253.9	258.5	262.8	266.6	269.4	272.0	274.3	274.9	275.2	275.4	275.5
50°	261.6	266.1	269.4	272.6	275.5	277.9	279.9	280.8	281.3	281.4	281.1
47.5°	267.8	271.5	275.3	278.6	281.6	284.4	286.6	287.8	288.8	289.1	289.1
45°	273.2	277.7	281.6	285.5	289.0	292.5	295.6	297.6	299.7	301.1	301.9
42.5°	279.6	284.1	288.5	293.8	298.8	303.4	308.5	312.9	317.6	322.5	325.9
40°	286.2	291.0	297.8	304.2	311.4	317.9	328.6	339.3	347.4	354.3	360.5
37.5°	293.6	300.6	308.8	317.0	328.8	341.0	354.5	367.7	379.2	389.6	398.1
35°	302.2	311.6	321.6	336.3	351.3	366.4	382.5	400.1	415.0	425.9	433.7
32.5°	312.6	324.5	340.5	359.4	377.8	397.3	416.8	436.4	451.1	466.2	481.5
30°	324.2	341.4	362.1	385.0	408.0	431.3	455.7	482.9	508.8	536.6	576.3
27.5°	339.1	360.0	384.3	411.4	439.0	466.8	509.5	556.1	625.4	680.7	774.6
25°	354.9	379.4	408.3	439.7	473.5	523.4	601.3	693.4	856.5	983.1	1175.1
22.5°	372.5	401.3	433.3	469.4	524.0	617.9	751.2	987.7	1316.8	1641.7	2003.1
20°	389.9	421.8	456.9	511.5	604.1	752.7	1041.3	1552.6	2123.7	2936.8	3619.2
17.5°	406.4	440.3	484.8	558.6	697.3	996.1	1555.1	2430.9	3623.7	4934.4	6027.4
15°	420.9	455.6	515.4	632.4	866.7	1332.0	2176.1	3666.7	5670.8	7465.4	9066.0
12.5°	433.1	474.2	548.6	691.9	1013.8	1702.4	3056.5	5173.2	7620.6	10137.3	12162.9
10°	442.0	494.0	593.0	802.1	1247.5	2143.4	3790.4	6460.4	9407.1	12466.0	16127.7
7.5°	447.4	508.1	626.7	883.9	1455.9	2634.4	4710.9	7609.6	10993.5	15169.2	20763.9
5°	451.3	517.7	651.6	945.4	1595.2	2958.9	5292.2	8480.3	12362.2	18400.1	29914.3
2.5°	453.2	521.9	665.8	979.2	1658.7	3125.8	5701.2	8978.9	13195.0	20679.4	36253.2
0°	452.4	519.6	667.4	986.9	1667.8	3253.4	5769.2	9121.2	13476.5	20883.6	38285.4
-2.5°	453.2	521.9	665.8	979.2	1658.7	3125.8	5701.2	8978.9	13195.0	20679.4	36253.2
-5°	451.3	517.7	651.6	945.4	1595.2	2958.9	5292.2	8480.3	12362.2	18400.1	29914.3
-7.5°	447.4	508.1	626.7	883.9	1455.9	2634.4	4710.9	7609.6	10993.5	15169.2	20763.9
-10°	442.0	494.0	593.0	802.1	1247.5	2143.4	3790.4	6460.4	9407.1	12466.0	16127.7
-12.5°	433.1	474.2	548.6	691.9	1013.8	1702.4	3056.5	5173.2	7620.6	10137.3	12162.9
-15°	420.9	455.6	515.4	632.4	866.7	1332.0	2176.1	3666.7	5670.8	7465.4	9066.0
-17.5°	406.4	440.3	484.8	558.6	697.3	996.1	1555.1	2430.9	3623.7	4934.4	6027.4
-20°	389.9	421.8	456.9	511.5	604.1	752.7	1041.3	1552.6	2123.7	2936.8	3619.2



REPORT NUMBER: P558832 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	372.5	401.3	433.3	469.4	524.0	617.9	751.2	987.7	1316.8	1641.7	2003.1
-25°	354.9	379.4	408.3	439.7	473.5	523.4	601.3	693.4	856.5	983.1	1175.1
-27.5°	339.1	360.0	384.3	411.4	439.0	466.8	509.5	556.1	625.4	680.7	774.6
-30°	324.2	341.4	362.1	385.0	408.0	431.3	455.7	482.9	508.8	536.6	576.3
-32.5°	312.6	324.5	340.5	359.4	377.8	397.3	416.8	436.4	451.1	466.2	481.5
-35°	302.2	311.6	321.6	336.3	351.3	366.4	382.5	400.1	415.0	425.9	433.7
-37.5°	293.6	300.6	308.8	317.0	328.8	341.0	354.5	367.7	379.2	389.6	398.1
-40°	286.2	291.0	297.8	304.2	311.4	317.9	328.6	339.3	347.4	354.3	360.5
-42.5°	279.6	284.1	288.5	293.8	298.8	303.4	308.5	312.9	317.6	322.5	325.9
-45°	273.2	277.7	281.6	285.5	289.0	292.5	295.6	297.6	299.7	301.1	301.9
-47.5°	267.8	271.5	275.3	278.6	281.6	284.4	286.6	287.8	288.8	289.1	289.1
-50°	261.6	266.1	269.4	272.6	275.5	277.9	279.9	280.8	281.3	281.4	281.1
-52.5°	253.9	258.5	262.8	266.6	269.4	272.0	274.3	274.9	275.2	275.4	275.5
-55°	245.6	250.2	254.4	258.4	262.0	265.2	267.5	268.5	269.2	269.5	269.8
-57.5°	235.2	241.0	246.0	249.6	253.2	256.8	259.4	261.1	262.3	263.2	263.9
-60°	223.0	229.1	234.0	238.5	242.6	246.4	249.4	251.9	254.0	255.6	257.2
-62.5°	208.9	214.9	220.0	224.7	229.1	232.9	236.8	240.2	243.2	245.9	248.4
-65°	190.5	196.5	202.5	208.1	213.3	217.1	221.0	224.8	228.3	231.1	233.2
-67.5°	170.7	176.2	181.8	187.2	192.1	196.6	200.9	204.9	208.4	210.9	212.3
-70°	148.9	154.3	159.2	163.6	167.7	172.0	176.3	180.2	183.9	186.2	187.6
-72.5°	125.1	130.3	134.9	138.8	142.3	145.7	149.0	152.1	155.0	157.1	158.7
-75°	99.8	104.1	108.1	111.7	115.0	118.0	120.6	123.0	124.9	126.9	128.5
-77.5°	74.5	78.1	81.5	84.6	87.4	89.7	91.7	93.4	94.9	96.7	98.4
-80°	52.1	54.7	57.2	59.4	61.5	63.2	64.6	65.8	66.7	67.8	68.6
-82.5°	33.4	35.1	36.7	38.1	39.3	40.3	41.3	42.1	42.8	43.4	43.9
-85°	19.0	19.8	20.6	21.5	22.3	22.9	23.4	23.9	24.3	24.6	24.9
-87.5°	8.6	8.5	8.4	8.3	8.2	8.3	8.5	8.6	8.7	8.8	8.9
-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: P558832 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-U-TS-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°	8.9	9.0	9.0	9.0	9.0	9.0	8.9	8.9	8.8	8.7	8.6
85°	25.1	25.3	25.4	25.4	25.4	25.3	25.1	24.9	24.6	24.3	23.9
82.5°	44.3	44.6	44.7	44.8	44.7	44.6	44.3	43.9	43.4	42.8	42.1
80°	69.3	69.8	70.1	70.2	70.1	69.8	69.3	68.6	67.8	66.7	65.8
77.5°	99.8	100.9	101.3	101.5	101.3	100.9	99.8	98.4	96.7	94.9	93.4
75°	129.8	130.7	131.2	131.4	131.2	130.7	129.8	128.5	126.9	124.9	123.0
72.5°	159.8	160.5	161.8	162.7	161.8	160.5	159.8	158.7	157.1	155.0	152.1
70°	188.4	188.8	190.1	191.1	190.1	188.8	188.4	187.6	186.2	183.9	180.2
67.5°	213.4	214.1	214.1	213.5	214.1	214.1	213.4	212.3	210.9	208.4	204.9
65°	235.0	236.4	236.5	235.9	236.5	236.4	235.0	233.2	231.1	228.3	224.8
62.5°	250.7	252.8	253.6	253.8	253.6	252.8	250.7	248.4	245.9	243.2	240.2
60°	258.5	259.4	259.7	259.8	259.7	259.4	258.5	257.2	255.6	254.0	251.9
57.5°	264.2	264.2	264.2	264.3	264.2	264.2	264.2	263.9	263.2	262.3	261.1
55°	270.0	270.0	269.6	268.8	269.6	270.0	270.0	269.8	269.5	269.2	268.5
52.5°	275.3	274.8	274.1	273.2	274.1	274.8	275.3	275.5	275.4	275.2	274.9
50°	280.5	279.5	279.1	279.2	279.1	279.5	280.5	281.1	281.4	281.3	280.8
47.5°	288.9	288.3	288.0	288.2	288.0	288.3	288.9	289.1	289.1	288.8	287.8
45°	302.1	301.6	301.3	301.6	301.3	301.6	302.1	301.9	301.1	299.7	297.6
42.5°	327.8	328.0	327.9	328.5	327.9	328.0	327.8	325.9	322.5	317.6	312.9
40°	363.0	362.8	361.6	361.3	361.6	362.8	363.0	360.5	354.3	347.4	339.3
37.5°	401.5	401.5	400.2	400.1	400.2	401.5	401.5	398.1	389.6	379.2	367.7
35°	437.8	439.2	438.9	437.5	438.9	439.2	437.8	433.7	425.9	415.0	400.1
32.5°	492.3	500.6	505.0	503.2	505.0	500.6	492.3	481.5	466.2	451.1	436.4
30°	601.3	622.7	634.0	639.0	634.0	622.7	601.3	576.3	536.6	508.8	482.9
27.5°	841.8	889.2	910.6	918.2	910.6	889.2	841.8	774.6	680.7	625.4	556.1
25°	1342.8	1450.1	1502.9	1520.0	1502.9	1450.1	1342.8	1175.1	983.1	856.5	693.4
22.5°	2401.2	2607.6	2748.8	2780.1	2748.8	2607.6	2401.2	2003.1	1641.7	1316.8	987.7
20°	4305.4	4704.7	4921.3	4901.8	4921.3	4704.7	4305.4	3619.2	2936.8	2123.7	1552.6
17.5°	6956.5	7468.4	7712.2	7598.3	7712.2	7468.4	6956.5	6027.4	4934.4	3623.7	2430.9
15°	10198.0	10889.6	11191.3	11284.7	11191.3	10889.6	10198.0	9066.0	7465.4	5670.8	3666.7
12.5°	14184.9	16452.4	17536.8	17827.3	17536.8	16452.4	14184.9	12162.9	10137.3	7620.6	5173.2
10°	19873.2	27495.2	32028.8	33135.8	32028.8	27495.2	19873.2	16127.7	12466.0	9407.1	6460.4
7.5°	32454.6	47943.1	65293.7	73510.0	65293.7	47943.1	32454.6	20763.9	15169.2	10993.5	7609.6
5°	49493.2	85899.5	126071.5	141819.7	126071.5	85899.5	49493.2	29914.3	18400.1	12362.2	8480.3
2.5°	70206.5	129701.5	185209.5	205901.7	185209.5	129701.5	70206.5	36253.2	20679.4	13195.0	8978.9
0°	78957.5	149531.4	204060.8	221785.8	204060.8	149531.4	78957.5	38285.4	20883.6	13476.5	9121.2
-2.5°	70206.5	129701.5	185209.5	205901.7	185209.5	129701.5	70206.5	36253.2	20679.4	13195.0	8978.9
-5°	49493.2	85899.5	126071.5	141819.7	126071.5	85899.5	49493.2	29914.3	18400.1	12362.2	8480.3
-7.5°	32454.6	47943.1	65293.7	73510.0	65293.7	47943.1	32454.6	20763.9	15169.2	10993.5	7609.6
-10°	19873.2	27495.2	32028.8	33135.8	32028.8	27495.2	19873.2	16127.7	12466.0	9407.1	6460.4
-12.5°	14184.9	16452.4	17536.8	17827.3	17536.8	16452.4	14184.9	12162.9	10137.3	7620.6	5173.2
-15°	10198.0	10889.6	11191.3	11284.7	11191.3	10889.6	10198.0	9066.0	7465.4	5670.8	3666.7
-17.5°	6956.5	7468.4	7712.2	7598.3	7712.2	7468.4	6956.5	6027.4	4934.4	3623.7	2430.9
-20°	4305.4	4704.7	4921.3	4901.8	4921.3	4704.7	4305.4	3619.2	2936.8	2123.7	1552.6



REPORT NUMBER: P558832 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2401.2	2607.6	2748.8	2780.1	2748.8	2607.6	2401.2	2003.1	1641.7	1316.8	987.7
-25°	1342.8	1450.1	1502.9	1520.0	1502.9	1450.1	1342.8	1175.1	983.1	856.5	693.4
-27.5°	841.8	889.2	910.6	918.2	910.6	889.2	841.8	774.6	680.7	625.4	556.1
-30°	601.3	622.7	634.0	639.0	634.0	622.7	601.3	576.3	536.6	508.8	482.9
-32.5°	492.3	500.6	505.0	503.2	505.0	500.6	492.3	481.5	466.2	451.1	436.4
-35°	437.8	439.2	438.9	437.5	438.9	439.2	437.8	433.7	425.9	415.0	400.1
-37.5°	401.5	401.5	400.2	400.1	400.2	401.5	401.5	398.1	389.6	379.2	367.7
-40°	363.0	362.8	361.6	361.3	361.6	362.8	363.0	360.5	354.3	347.4	339.3
-42.5°	327.8	328.0	327.9	328.5	327.9	328.0	327.8	325.9	322.5	317.6	312.9
-45°	302.1	301.6	301.3	301.6	301.3	301.6	302.1	301.9	301.1	299.7	297.6
-47.5°	288.9	288.3	288.0	288.2	288.0	288.3	288.9	289.1	289.1	288.8	287.8
-50°	280.5	279.5	279.1	279.2	279.1	279.5	280.5	281.1	281.4	281.3	280.8
-52.5°	275.3	274.8	274.1	273.2	274.1	274.8	275.3	275.5	275.4	275.2	274.9
-55°	270.0	270.0	269.6	268.8	269.6	270.0	270.0	269.8	269.5	269.2	268.5
-57.5°	264.2	264.2	264.2	264.3	264.2	264.2	264.2	263.9	263.2	262.3	261.1
-60°	258.5	259.4	259.7	259.8	259.7	259.4	258.5	257.2	255.6	254.0	251.9
-62.5°	250.7	252.8	253.6	253.8	253.6	252.8	250.7	248.4	245.9	243.2	240.2
-65°	235.0	236.4	236.5	235.9	236.5	236.4	235.0	233.2	231.1	228.3	224.8
-67.5°	213.4	214.1	214.1	213.5	214.1	214.1	213.4	212.3	210.9	208.4	204.9
-70°	188.4	188.8	190.1	191.1	190.1	188.8	188.4	187.6	186.2	183.9	180.2
-72.5°	159.8	160.5	161.8	162.7	161.8	160.5	159.8	158.7	157.1	155.0	152.1
-75°	129.8	130.7	131.2	131.4	131.2	130.7	129.8	128.5	126.9	124.9	123.0
-77.5°	99.8	100.9	101.3	101.5	101.3	100.9	99.8	98.4	96.7	94.9	93.4
-80°	69.3	69.8	70.1	70.2	70.1	69.8	69.3	68.6	67.8	66.7	65.8
-82.5°	44.3	44.6	44.7	44.8	44.7	44.6	44.3	43.9	43.4	42.8	42.1
-85°	25.1	25.3	25.4	25.4	25.4	25.3	25.1	24.9	24.6	24.3	23.9
-87.5°	8.9	9.0	9.0	9.0	9.0	9.0	8.9	8.9	8.8	8.7	8.6
-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: P558832 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-U-TS-XX

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°	8.5	8.3	8.2	8.3	8.4	8.5	8.6	8.3	8.0	7.7	7.4
85°	23.4	22.9	22.3	21.5	20.6	19.8	19.0	18.1	17.2	16.3	15.4
82.5°	41.3	40.3	39.3	38.1	36.7	35.1	33.4	31.5	29.5	27.3	25.1
80°	64.6	63.2	61.5	59.4	57.2	54.7	52.1	49.4	46.4	43.5	40.9
77.5°	91.7	89.7	87.4	84.6	81.5	78.1	74.5	71.4	68.2	64.6	60.4
75°	120.6	118.0	115.0	111.7	108.1	104.1	99.8	95.1	90.4	85.8	80.8
72.5°	149.0	145.7	142.3	138.8	134.9	130.3	125.1	119.4	113.3	106.9	100.5
70°	176.3	172.0	167.7	163.6	159.2	154.3	148.9	143.0	136.6	129.4	121.5
67.5°	200.9	196.6	192.1	187.2	181.8	176.2	170.7	165.1	158.5	150.9	142.1
65°	221.0	217.1	213.3	208.1	202.5	196.5	190.5	184.1	177.3	170.4	162.0
62.5°	236.8	232.9	229.1	224.7	220.0	214.9	208.9	201.8	194.6	187.0	178.4
60°	249.4	246.4	242.6	238.5	234.0	229.1	223.0	216.9	210.8	202.5	193.8
57.5°	259.4	256.8	253.2	249.6	246.0	241.0	235.2	229.1	222.4	215.8	208.2
55°	267.5	265.2	262.0	258.4	254.4	250.2	245.6	239.9	233.3	227.0	219.5
52.5°	274.3	272.0	269.4	266.6	262.8	258.5	253.9	248.7	243.3	236.9	229.9
50°	279.9	277.9	275.5	272.6	269.4	266.1	261.6	256.6	251.7	245.9	239.1
47.5°	286.6	284.4	281.6	278.6	275.3	271.5	267.8	264.1	259.3	254.1	247.4
45°	295.6	292.5	289.0	285.5	281.6	277.7	273.2	269.7	266.0	260.9	255.3
42.5°	308.5	303.4	298.8	293.8	288.5	284.1	279.6	275.5	271.5	267.1	261.3
40°	328.6	317.9	311.4	304.2	297.8	291.0	286.2	281.2	276.9	272.5	266.9
37.5°	354.5	341.0	328.8	317.0	308.8	300.6	293.6	287.7	281.8	277.2	271.6
35°	382.5	366.4	351.3	336.3	321.6	311.6	302.2	294.7	287.9	281.5	276.0
32.5°	416.8	397.3	377.8	359.4	340.5	324.5	312.6	302.2	293.8	286.6	280.2
30°	455.7	431.3	408.0	385.0	362.1	341.4	324.2	311.0	300.1	291.4	284.4
27.5°	509.5	466.8	439.0	411.4	384.3	360.0	339.1	320.5	306.8	296.6	288.4
25°	601.3	523.4	473.5	439.7	408.3	379.4	354.9	333.1	315.1	301.8	291.5
22.5°	751.2	617.9	524.0	469.4	433.3	401.3	372.5	346.4	322.8	306.6	295.0
20°	1041.3	752.7	604.1	511.5	456.9	421.8	389.9	360.3	333.0	311.9	298.1
17.5°	1555.1	996.1	697.3	558.6	484.8	440.3	406.4	373.1	342.5	316.2	300.5
15°	2176.1	1332.0	866.7	632.4	515.4	455.6	420.9	384.6	351.8	322.1	303.7
12.5°	3056.5	1702.4	1013.8	691.9	548.6	474.2	433.1	396.1	360.3	328.3	306.5
10°	3790.4	2143.4	1247.5	802.1	593.0	494.0	442.0	402.9	365.2	332.7	308.3
7.5°	4710.9	2634.4	1455.9	883.9	626.7	508.1	447.4	406.6	367.8	335.5	309.3
5°	5292.2	2958.9	1595.2	945.4	651.6	517.7	451.3	408.0	368.2	336.6	309.4
2.5°	5701.2	3125.8	1658.7	979.2	665.8	521.9	453.2	409.0	370.1	337.6	311.1
0°	5769.2	3253.4	1667.8	986.9	667.4	519.6	452.4	409.1	371.8	337.4	312.1
-2.5°	5701.2	3125.8	1658.7	979.2	665.8	521.9	453.2	409.0	370.1	337.6	311.1
-5°	5292.2	2958.9	1595.2	945.4	651.6	517.7	451.3	408.0	368.2	336.6	309.4
-7.5°	4710.9	2634.4	1455.9	883.9	626.7	508.1	447.4	406.6	367.8	335.5	309.3
-10°	3790.4	2143.4	1247.5	802.1	593.0	494.0	442.0	402.9	365.2	332.7	308.3
-12.5°	3056.5	1702.4	1013.8	691.9	548.6	474.2	433.1	396.1	360.3	328.3	306.5
-15°	2176.1	1332.0	866.7	632.4	515.4	455.6	420.9	384.6	351.8	322.1	303.7
-17.5°	1555.1	996.1	697.3	558.6	484.8	440.3	406.4	373.1	342.5	316.2	300.5
-20°	1041.3	752.7	604.1	511.5	456.9	421.8	389.9	360.3	333.0	311.9	298.1



REPORT NUMBER: P558832 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	751.2	617.9	524.0	469.4	433.3	401.3	372.5	346.4	322.8	306.6	295.0
-25°	601.3	523.4	473.5	439.7	408.3	379.4	354.9	333.1	315.1	301.8	291.5
-27.5°	509.5	466.8	439.0	411.4	384.3	360.0	339.1	320.5	306.8	296.6	288.4
-30°	455.7	431.3	408.0	385.0	362.1	341.4	324.2	311.0	300.1	291.4	284.4
-32.5°	416.8	397.3	377.8	359.4	340.5	324.5	312.6	302.2	293.8	286.6	280.2
-35°	382.5	366.4	351.3	336.3	321.6	311.6	302.2	294.7	287.9	281.5	276.0
-37.5°	354.5	341.0	328.8	317.0	308.8	300.6	293.6	287.7	281.8	277.2	271.6
-40°	328.6	317.9	311.4	304.2	297.8	291.0	286.2	281.2	276.9	272.5	266.9
-42.5°	308.5	303.4	298.8	293.8	288.5	284.1	279.6	275.5	271.5	267.1	261.3
-45°	295.6	292.5	289.0	285.5	281.6	277.7	273.2	269.7	266.0	260.9	255.3
-47.5°	286.6	284.4	281.6	278.6	275.3	271.5	267.8	264.1	259.3	254.1	247.4
-50°	279.9	277.9	275.5	272.6	269.4	266.1	261.6	256.6	251.7	245.9	239.1
-52.5°	274.3	272.0	269.4	266.6	262.8	258.5	253.9	248.7	243.3	236.9	229.9
-55°	267.5	265.2	262.0	258.4	254.4	250.2	245.6	239.9	233.3	227.0	219.5
-57.5°	259.4	256.8	253.2	249.6	246.0	241.0	235.2	229.1	222.4	215.8	208.2
-60°	249.4	246.4	242.6	238.5	234.0	229.1	223.0	216.9	210.8	202.5	193.8
-62.5°	236.8	232.9	229.1	224.7	220.0	214.9	208.9	201.8	194.6	187.0	178.4
-65°	221.0	217.1	213.3	208.1	202.5	196.5	190.5	184.1	177.3	170.4	162.0
-67.5°	200.9	196.6	192.1	187.2	181.8	176.2	170.7	165.1	158.5	150.9	142.1
-70°	176.3	172.0	167.7	163.6	159.2	154.3	148.9	143.0	136.6	129.4	121.5
-72.5°	149.0	145.7	142.3	138.8	134.9	130.3	125.1	119.4	113.3	106.9	100.5
-75°	120.6	118.0	115.0	111.7	108.1	104.1	99.8	95.1	90.4	85.8	80.8
-77.5°	91.7	89.7	87.4	84.6	81.5	78.1	74.5	71.4	68.2	64.6	60.4
-80°	64.6	63.2	61.5	59.4	57.2	54.7	52.1	49.4	46.4	43.5	40.9
-82.5°	41.3	40.3	39.3	38.1	36.7	35.1	33.4	31.5	29.5	27.3	25.1
-85°	23.4	22.9	22.3	21.5	20.6	19.8	19.0	18.1	17.2	16.3	15.4
-87.5°	8.5	8.3	8.2	8.3	8.4	8.5	8.6	8.3	8.0	7.7	7.4
-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: P558832 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-U-TS-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°	7.1	6.7	6.4	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.2
85°	14.8	14.1	13.3	12.5	11.5	10.5	9.7	8.9	8.0	7.2	6.3
82.5°	23.3	22.2	21.2	20.2	19.2	17.9	16.5	14.8	12.8	10.9	9.4
80°	38.4	35.8	33.2	30.4	27.8	25.4	23.7	21.7	18.9	16.1	13.5
77.5°	55.8	51.3	46.8	42.9	38.9	35.2	31.8	28.6	24.9	21.4	18.0
75°	75.0	69.0	63.2	57.3	51.1	44.9	40.3	36.0	31.5	26.6	22.4
72.5°	94.0	87.1	79.9	72.3	65.1	57.7	50.2	43.4	38.2	32.8	27.1
70°	113.4	105.4	97.3	88.5	79.5	70.6	62.0	53.4	45.0	38.9	32.6
67.5°	132.8	123.3	114.1	104.4	94.3	84.0	73.8	63.9	54.3	45.0	37.9
65°	151.8	141.2	130.3	119.8	108.8	97.3	85.9	74.3	63.3	52.9	43.3
62.5°	169.2	159.0	147.1	135.2	123.1	110.7	97.8	85.1	72.3	60.5	49.4
60°	184.6	174.1	163.3	150.8	137.5	123.9	109.9	95.7	81.8	67.9	55.8
57.5°	198.5	188.5	177.3	165.3	151.7	137.0	121.9	106.4	91.1	76.0	62.0
55°	211.4	201.2	190.5	178.3	164.9	149.9	133.7	117.1	100.3	84.0	68.0
52.5°	221.8	212.9	202.3	190.5	177.0	162.1	145.2	127.4	109.6	91.9	74.9
50°	231.3	222.9	213.0	201.2	188.4	173.0	156.5	137.7	118.6	99.6	81.6
47.5°	240.0	231.8	222.4	211.3	198.1	183.5	166.5	147.7	127.3	107.3	88.0
45°	247.6	239.8	230.9	220.0	207.5	192.6	175.8	157.4	136.0	114.8	94.2
42.5°	254.7	246.7	238.0	228.5	215.5	201.0	184.7	165.7	144.5	122.0	100.3
40°	260.2	252.8	244.6	234.8	223.0	209.2	192.3	173.4	152.6	129.0	106.3
37.5°	265.4	258.1	250.0	240.8	229.8	215.8	199.5	180.8	159.9	135.8	112.0
35°	269.7	262.7	254.7	245.8	235.1	222.0	206.4	187.5	166.1	142.1	117.4
32.5°	273.8	266.8	258.7	249.8	240.1	227.9	212.3	193.3	171.8	148.1	122.4
30°	277.5	270.0	262.3	253.5	244.4	232.4	217.2	198.6	177.2	153.6	127.2
27.5°	280.6	272.8	265.6	256.7	247.5	236.4	221.7	203.5	182.2	158.4	131.6
25°	283.5	275.3	267.8	259.6	250.2	240.0	225.9	208.0	186.4	162.4	135.7
22.5°	286.0	277.7	269.7	262.2	252.6	243.4	229.4	211.4	190.1	166.1	139.3
20°	288.3	279.8	271.3	264.2	254.7	245.5	232.2	214.5	193.3	169.3	142.6
17.5°	290.3	281.5	272.9	265.3	256.4	247.2	234.7	217.3	196.2	172.2	145.4
15°	292.1	282.9	274.3	266.3	257.8	248.6	236.9	219.7	198.7	174.7	147.9
12.5°	293.6	283.8	275.3	267.0	258.9	249.7	238.8	221.8	200.7	176.7	149.9
10°	294.7	284.4	276.1	267.5	259.7	250.6	240.4	223.4	202.3	178.4	151.5
7.5°	295.6	284.5	276.6	267.8	260.2	251.3	241.4	224.6	203.5	179.6	152.7
5°	296.3	284.9	277.1	268.3	260.8	251.8	241.9	225.3	204.3	180.4	153.5
2.5°	297.7	285.9	277.6	268.7	261.2	252.2	242.1	225.6	204.7	180.8	153.8
0°	298.6	286.7	277.7	268.8	261.3	252.3	241.9	225.5	204.6	180.7	153.8
-2.5°	297.7	285.9	277.6	268.7	261.2	252.2	242.1	225.6	204.7	180.8	153.8
-5°	296.3	284.9	277.1	268.3	260.8	251.8	241.9	225.3	204.3	180.4	153.5
-7.5°	295.6	284.5	276.6	267.8	260.2	251.3	241.4	224.6	203.5	179.6	152.7
-10°	294.7	284.4	276.1	267.5	259.7	250.6	240.4	223.4	202.3	178.4	151.5
-12.5°	293.6	283.8	275.3	267.0	258.9	249.7	238.8	221.8	200.7	176.7	149.9
-15°	292.1	282.9	274.3	266.3	257.8	248.6	236.9	219.7	198.7	174.7	147.9
-17.5°	290.3	281.5	272.9	265.3	256.4	247.2	234.7	217.3	196.2	172.2	145.4
-20°	288.3	279.8	271.3	264.2	254.7	245.5	232.2	214.5	193.3	169.3	142.6



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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°	286.0	277.7	269.7	262.2	252.6	243.4	229.4	211.4	190.1	166.1	139.3
-25°	283.5	275.3	267.8	259.6	250.2	240.0	225.9	208.0	186.4	162.4	135.7
-27.5°	280.6	272.8	265.6	256.7	247.5	236.4	221.7	203.5	182.2	158.4	131.6
-30°	277.5	270.0	262.3	253.5	244.4	232.4	217.2	198.6	177.2	153.6	127.2
-32.5°	273.8	266.8	258.7	249.8	240.1	227.9	212.3	193.3	171.8	148.1	122.4
-35°	269.7	262.7	254.7	245.8	235.1	222.0	206.4	187.5	166.1	142.1	117.4
-37.5°	265.4	258.1	250.0	240.8	229.8	215.8	199.5	180.8	159.9	135.8	112.0
-40°	260.2	252.8	244.6	234.8	223.0	209.2	192.3	173.4	152.6	129.0	106.3
-42.5°	254.7	246.7	238.0	228.5	215.5	201.0	184.7	165.7	144.5	122.0	100.3
-45°	247.6	239.8	230.9	220.0	207.5	192.6	175.8	157.4	136.0	114.8	94.2
-47.5°	240.0	231.8	222.4	211.3	198.1	183.5	166.5	147.7	127.3	107.3	88.0
-50°	231.3	222.9	213.0	201.2	188.4	173.0	156.5	137.7	118.6	99.6	81.6
-52.5°	221.8	212.9	202.3	190.5	177.0	162.1	145.2	127.4	109.6	91.9	74.9
-55°	211.4	201.2	190.5	178.3	164.9	149.9	133.7	117.1	100.3	84.0	68.0
-57.5°	198.5	188.5	177.3	165.3	151.7	137.0	121.9	106.4	91.1	76.0	62.0
-60°	184.6	174.1	163.3	150.8	137.5	123.9	109.9	95.7	81.8	67.9	55.8
-62.5°	169.2	159.0	147.1	135.2	123.1	110.7	97.8	85.1	72.3	60.5	49.4
-65°	151.8	141.2	130.3	119.8	108.8	97.3	85.9	74.3	63.3	52.9	43.3
-67.5°	132.8	123.3	114.1	104.4	94.3	84.0	73.8	63.9	54.3	45.0	37.9
-70°	113.4	105.4	97.3	88.5	79.5	70.6	62.0	53.4	45.0	38.9	32.6
-72.5°	94.0	87.1	79.9	72.3	65.1	57.7	50.2	43.4	38.2	32.8	27.1
-75°	75.0	69.0	63.2	57.3	51.1	44.9	40.3	36.0	31.5	26.6	22.4
-77.5°	55.8	51.3	46.8	42.9	38.9	35.2	31.8	28.6	24.9	21.4	18.0
-80°	38.4	35.8	33.2	30.4	27.8	25.4	23.7	21.7	18.9	16.1	13.5
-82.5°	23.3	22.2	21.2	20.2	19.2	17.9	16.5	14.8	12.8	10.9	9.4
-85°	14.8	14.1	13.3	12.5	11.5	10.5	9.7	8.9	8.0	7.2	6.3
-87.5°	7.1	6.7	6.4	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.2
-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°	2.7	2.3	1.9	1.5	1.0	0.5	0.0
85°	5.4	4.7	3.9	3.0	2.1	1.0	0.0
82.5°	8.1	7.0	5.8	4.5	3.1	1.6	0.0
80°	11.0	9.4	7.8	6.0	4.1	2.1	0.0
77.5°	14.8	12.0	9.7	7.5	5.1	2.6	0.0
75°	18.6	15.2	11.7	9.0	6.2	3.1	0.0
72.5°	22.3	18.3	14.2	10.4	7.1	3.6	0.0
70°	26.1	21.4	16.7	12.0	8.1	4.1	0.0
67.5°	30.8	24.4	19.1	13.8	9.1	4.6	0.0
65°	35.4	27.8	21.6	15.6	10.0	5.0	0.0
62.5°	39.9	31.5	23.9	17.4	11.0	5.5	0.0
60°	44.3	35.1	26.2	19.1	11.9	5.9	0.0
57.5°	49.5	38.6	29.0	20.8	13.0	6.4	0.0
55°	54.7	42.0	31.7	22.5	14.1	6.8	0.0
52.5°	59.8	45.5	34.3	24.1	15.1	7.2	0.0
50°	64.7	49.6	36.8	25.7	16.2	7.6	0.0
47.5°	69.5	53.5	39.2	27.2	17.2	8.0	0.0
45°	74.7	57.3	41.5	29.0	18.1	8.4	0.0
42.5°	79.8	60.9	43.8	30.6	19.0	8.8	0.0
40°	84.5	64.3	46.2	32.2	19.9	9.1	0.0
37.5°	89.0	67.6	48.8	33.6	20.7	9.4	0.0
35°	93.3	71.0	51.3	35.0	21.5	9.7	0.0
32.5°	97.3	74.3	53.6	36.2	22.2	10.0	0.0
30°	101.4	77.4	55.8	37.4	22.9	10.3	0.0
27.5°	105.1	80.2	57.8	38.4	23.5	10.6	0.0
25°	108.5	82.8	59.6	39.4	24.1	10.8	0.0
22.5°	111.6	85.2	61.3	40.2	24.6	11.0	0.0
20°	114.4	87.4	62.8	41.0	25.1	11.2	0.0
17.5°	116.9	89.3	64.1	41.6	25.5	11.3	0.0
15°	119.2	90.9	65.3	42.1	25.9	11.5	0.0
12.5°	121.1	92.4	66.3	42.6	26.2	11.6	0.0
10°	122.6	93.5	67.2	42.9	26.4	11.7	0.0
7.5°	123.8	94.4	67.8	43.2	26.6	11.8	0.0
5°	124.7	95.1	68.3	43.3	26.8	11.9	0.0
2.5°	125.2	95.5	68.6	43.4	26.9	11.9	0.0
0°	125.4	95.6	68.7	43.3	26.9	11.9	0.0
-2.5°	125.2	95.5	68.6	43.4	26.9	11.9	0.0
-5°	124.7	95.1	68.3	43.3	26.8	11.9	0.0
-7.5°	123.8	94.4	67.8	43.2	26.6	11.8	0.0
-10°	122.6	93.5	67.2	42.9	26.4	11.7	0.0
-12.5°	121.1	92.4	66.3	42.6	26.2	11.6	0.0
-15°	119.2	90.9	65.3	42.1	25.9	11.5	0.0
-17.5°	116.9	89.3	64.1	41.6	25.5	11.3	0.0
-20°	114.4	87.4	62.8	41.0	25.1	11.2	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	111.6	85.2	61.3	40.2	24.6	11.0	0.0
-25°	108.5	82.8	59.6	39.4	24.1	10.8	0.0
-27.5°	105.1	80.2	57.8	38.4	23.5	10.6	0.0
-30°	101.4	77.4	55.8	37.4	22.9	10.3	0.0
-32.5°	97.3	74.3	53.6	36.2	22.2	10.0	0.0
-35°	93.3	71.0	51.3	35.0	21.5	9.7	0.0
-37.5°	89.0	67.6	48.8	33.6	20.7	9.4	0.0
-40°	84.5	64.3	46.2	32.2	19.9	9.1	0.0
-42.5°	79.8	60.9	43.8	30.6	19.0	8.8	0.0
-45°	74.7	57.3	41.5	29.0	18.1	8.4	0.0
-47.5°	69.5	53.5	39.2	27.2	17.2	8.0	0.0
-50°	64.7	49.6	36.8	25.7	16.2	7.6	0.0
-52.5°	59.8	45.5	34.3	24.1	15.1	7.2	0.0
-55°	54.7	42.0	31.7	22.5	14.1	6.8	0.0
-57.5°	49.5	38.6	29.0	20.8	13.0	6.4	0.0
-60°	44.3	35.1	26.2	19.1	11.9	5.9	0.0
-62.5°	39.9	31.5	23.9	17.4	11.0	5.5	0.0
-65°	35.4	27.8	21.6	15.6	10.0	5.0	0.0
-67.5°	30.8	24.4	19.1	13.8	9.1	4.6	0.0
-70°	26.1	21.4	16.7	12.0	8.1	4.1	0.0
-72.5°	22.3	18.3	14.2	10.4	7.1	3.6	0.0
-75°	18.6	15.2	11.7	9.0	6.2	3.1	0.0
-77.5°	14.8	12.0	9.7	7.5	5.1	2.6	0.0
-80°	11.0	9.4	7.8	6.0	4.1	2.1	0.0
-82.5°	8.1	7.0	5.8	4.5	3.1	1.6	0.0
-85°	5.4	4.7	3.9	3.0	2.1	1.0	0.0
-87.5°	2.7	2.3	1.9	1.5	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)