

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: P558478 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-935-U-NAT-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558478 (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-SA1A-935-U-NAT-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4  
Light Source: (16) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

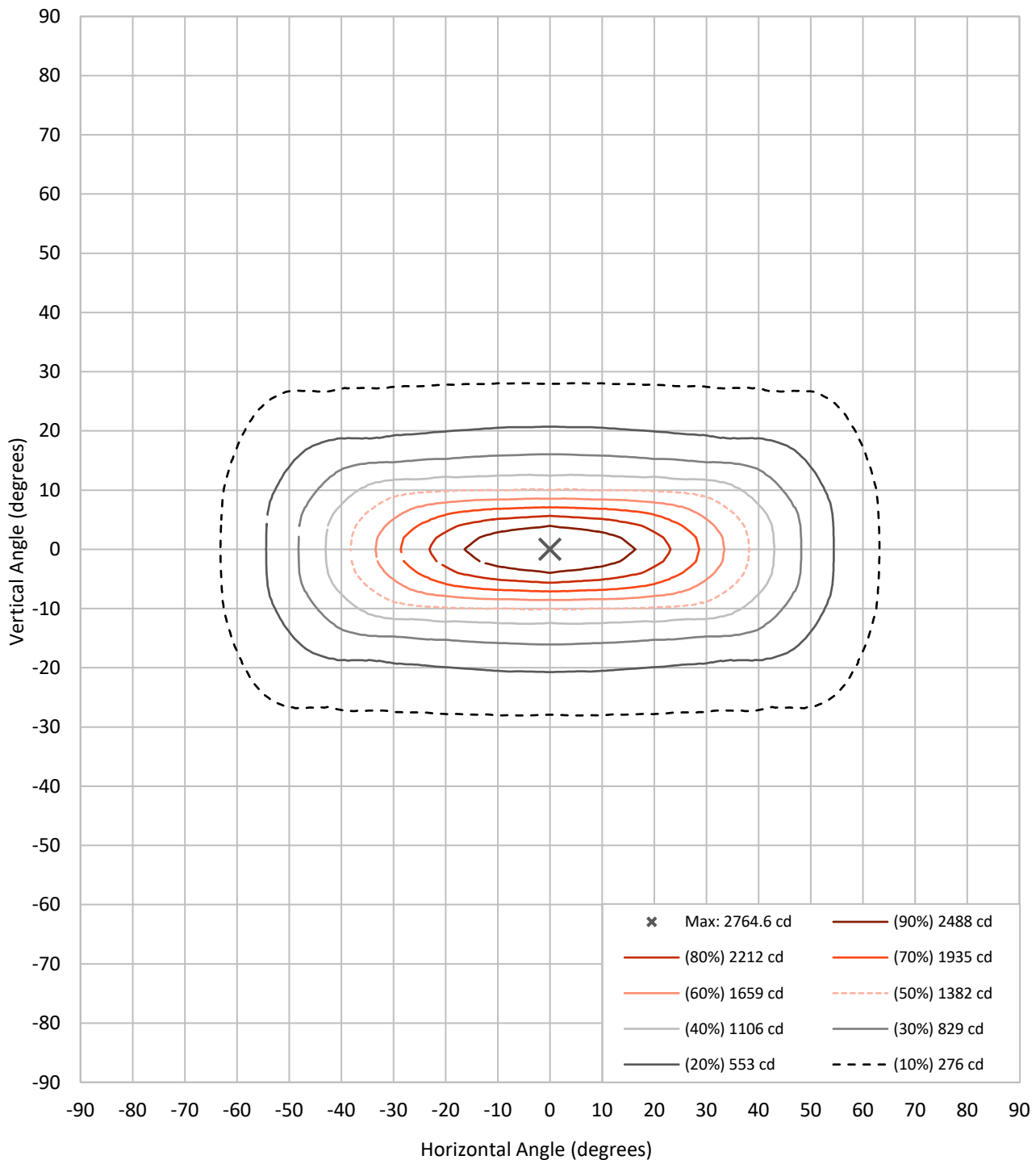
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	1980 lumens	Max Intensity:	2764.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	110.0 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	792.2 lumens	Field Lumens:	1622.8 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 18  
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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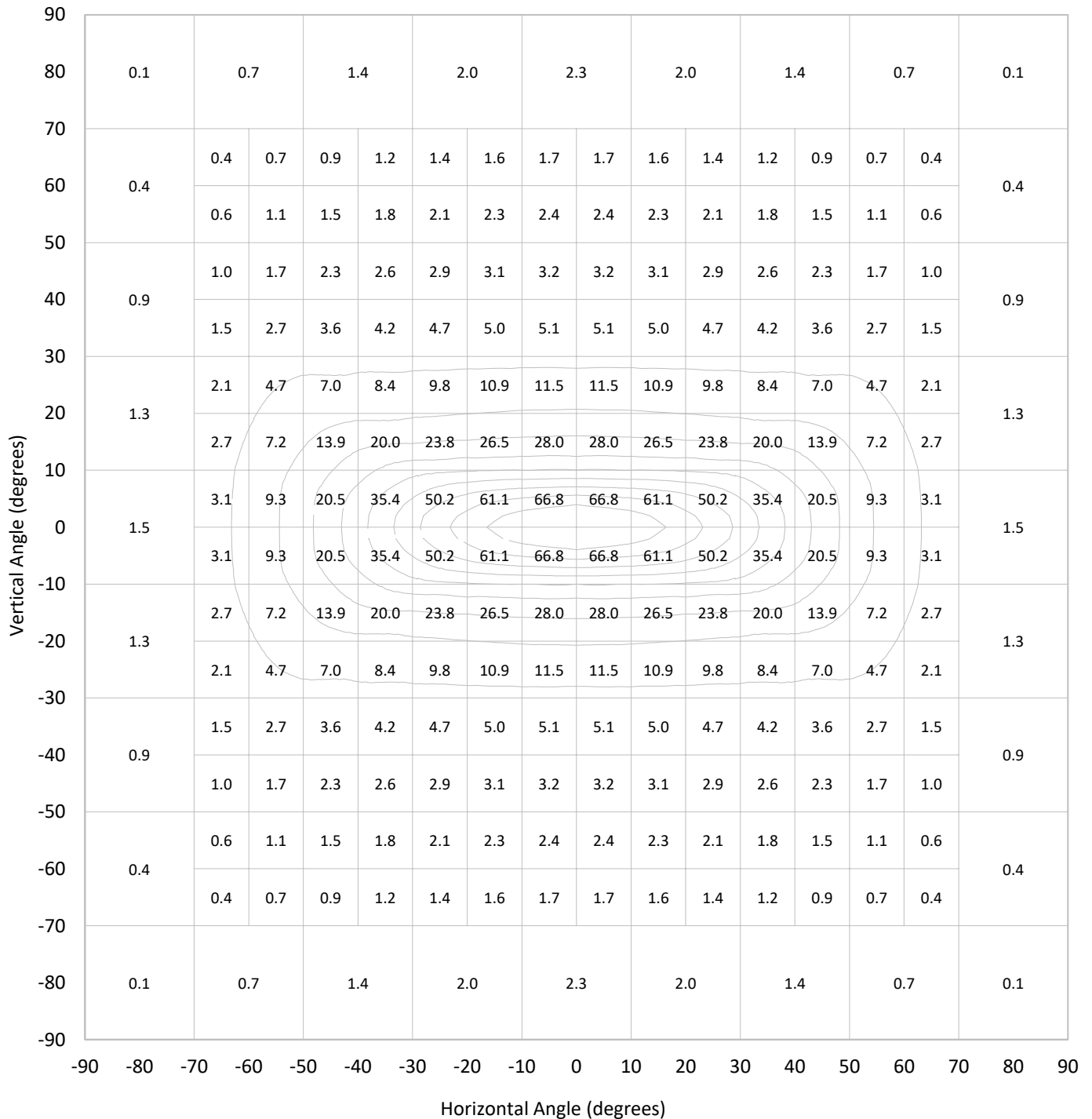
### Iso-Candela Plot





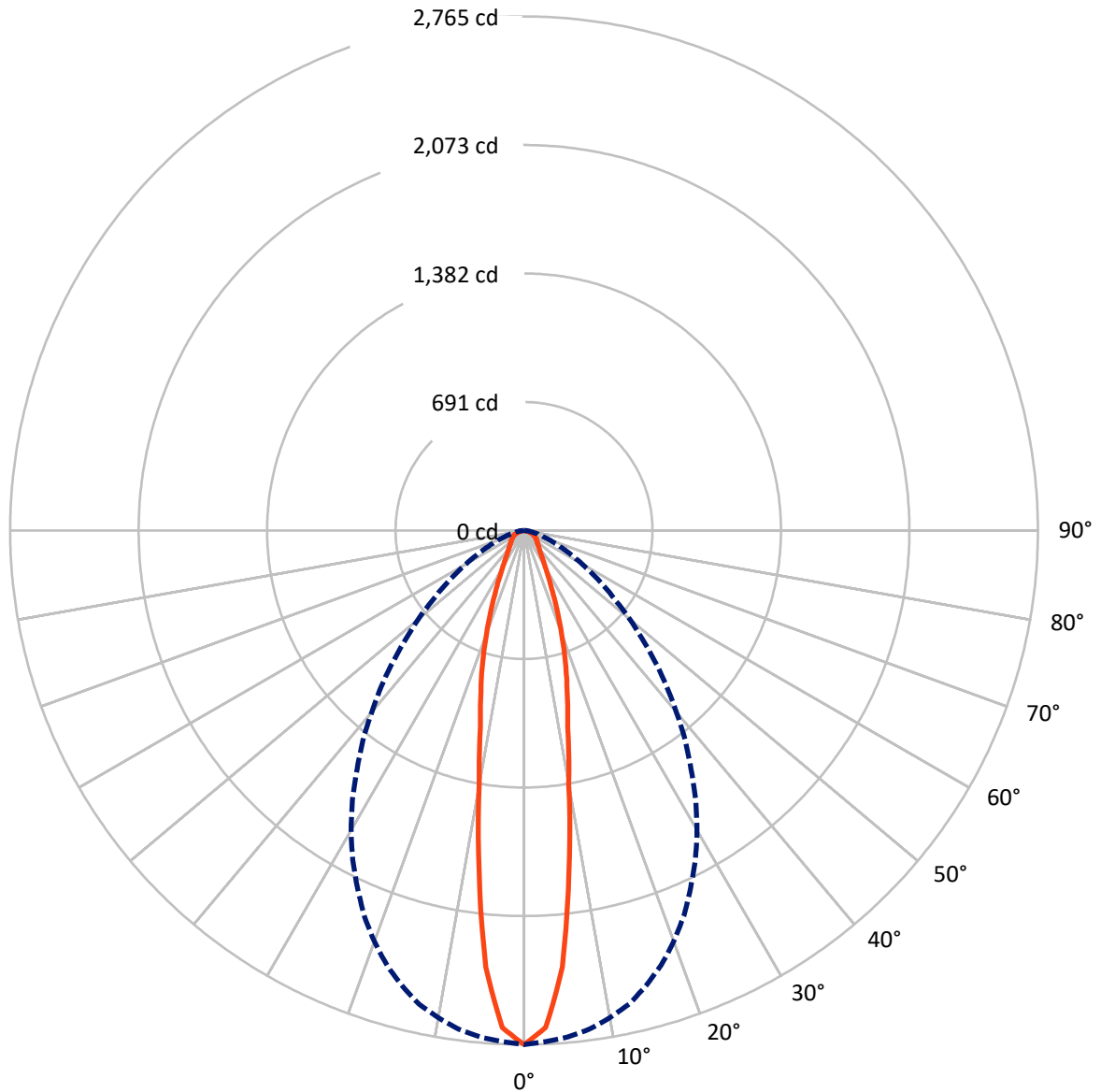
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### Lumen Table



REPORT NUMBER: P558478 (CONVERTED FROM TYPE C PHOTOMETRY)  
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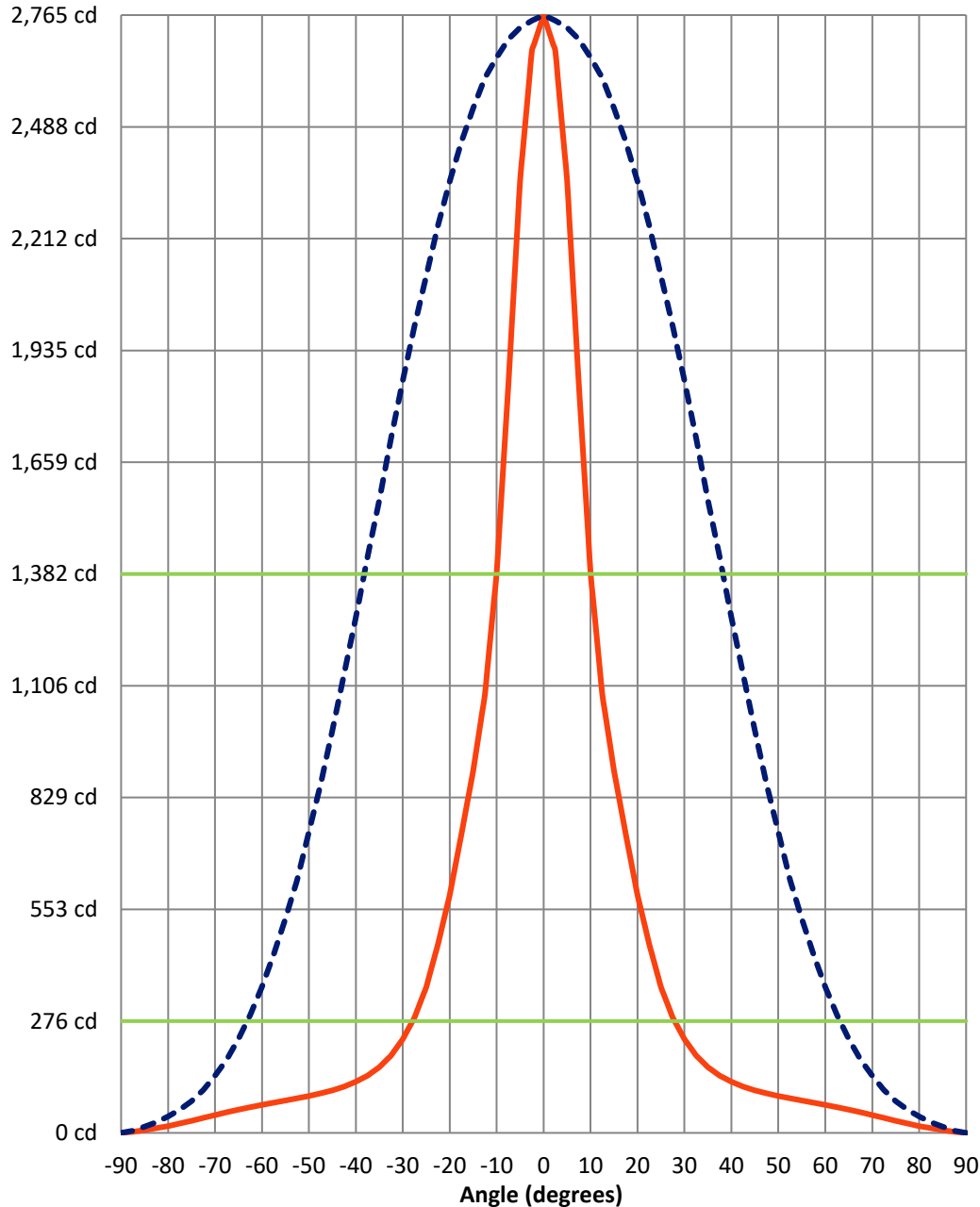
### Luminous Intensity Polar Plot



— 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: 792.2  
 Efficiency: 40.0%

**Field:**  
 H Angle: 126.3°  
 V Angle: 55.8°  
 Lumens: 1622.8  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 357.2  
 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	0.2	0.5	0.7	0.8	1.0	1.1	1.3	1.4	1.5	1.6
85°	0.0	0.5	0.9	1.3	1.7	2.0	2.2	2.5	2.8	3.1	3.3
82.5°	0.0	0.7	1.4	2.0	2.5	3.0	3.3	3.8	4.3	5.1	5.8
80°	0.0	0.9	1.8	2.6	3.3	3.9	4.6	5.8	6.9	8.0	8.9
77.5°	0.0	1.1	2.3	3.3	4.2	5.2	6.7	8.2	9.6	10.9	12.1
75°	0.0	1.4	2.7	3.9	5.1	7.1	8.8	10.6	12.3	14.0	15.4
72.5°	0.0	1.6	3.2	4.6	6.6	8.9	10.9	13.1	15.3	17.2	18.8
70°	0.0	1.8	3.6	5.3	8.1	10.7	13.1	15.8	18.2	20.4	22.5
67.5°	0.0	2.0	4.1	6.5	9.6	12.5	15.6	18.5	21.2	24.0	26.3
65°	0.0	2.2	4.5	7.6	11.0	14.4	18.0	21.2	24.7	27.7	30.4
62.5°	0.0	2.4	4.9	8.7	12.5	16.5	20.4	24.3	28.2	31.6	35.0
60°	0.0	2.6	5.3	9.8	13.9	18.6	22.9	27.5	31.7	36.0	39.7
57.5°	0.0	2.8	6.0	10.9	15.6	20.7	25.6	30.7	35.6	40.4	44.8
55°	0.0	3.0	6.7	11.9	17.3	22.7	28.4	33.9	39.6	44.9	50.2
52.5°	0.0	3.2	7.4	12.9	18.9	24.8	31.2	37.5	43.7	50.1	55.7
50°	0.0	3.4	8.0	13.9	20.5	27.1	33.8	41.1	47.9	55.3	62.2
47.5°	0.0	3.6	8.7	15.0	22.1	29.3	36.6	44.7	52.7	60.7	69.1
45°	0.0	3.7	9.3	16.1	23.7	31.5	39.7	48.4	57.7	67.2	76.3
42.5°	0.0	3.9	9.9	17.2	25.2	33.6	42.9	52.4	62.6	73.8	84.4
40°	0.0	4.1	10.5	18.3	26.7	35.6	45.9	56.7	67.9	80.6	92.9
37.5°	0.0	4.2	11.0	19.3	28.3	37.6	49.0	60.9	73.9	87.7	101.8
35°	0.0	4.3	11.5	20.2	29.8	39.9	52.0	65.1	79.8	95.6	111.3
32.5°	0.0	4.5	12.0	21.0	31.3	42.3	55.1	69.2	85.7	103.6	121.8
30°	0.0	4.6	12.5	21.8	32.6	44.5	58.4	73.4	91.6	111.7	132.6
27.5°	0.0	4.7	12.9	22.6	33.8	46.7	61.6	78.2	97.7	119.7	143.6
25°	0.0	4.8	13.3	23.2	34.9	48.9	64.6	82.8	104.4	128.5	154.7
22.5°	0.0	4.9	13.7	23.8	35.8	50.7	67.6	87.3	110.8	137.6	166.9
20°	0.0	5.0	14.0	24.3	36.7	52.2	70.3	91.5	117.2	146.6	179.0
17.5°	0.0	5.1	14.3	24.8	37.6	53.4	72.4	95.6	123.3	155.4	190.8
15°	0.0	5.1	14.6	25.2	38.3	54.5	74.0	98.8	129.1	163.9	202.4
12.5°	0.0	5.2	14.8	25.5	38.9	55.4	75.3	100.9	133.3	172.1	213.5
10°	0.0	5.2	15.0	25.8	39.5	56.2	76.4	102.7	136.0	175.9	222.2
7.5°	0.0	5.3	15.1	26.0	39.9	56.7	77.3	104.0	138.1	178.4	226.2
5°	0.0	5.3	15.3	26.1	40.2	57.1	78.0	105.0	139.8	180.2	229.2
2.5°	0.0	5.3	15.4	26.2	40.5	57.3	78.4	105.6	140.9	181.2	231.4
0°	0.0	5.3	15.4	26.2	40.5	57.3	78.4	105.6	140.9	181.2	231.4
-2.5°	0.0	5.3	15.4	26.2	40.5	57.3	78.4	105.6	140.9	181.2	231.4
-5°	0.0	5.3	15.3	26.1	40.2	57.1	78.0	105.0	139.8	180.2	229.2
-7.5°	0.0	5.3	15.1	26.0	39.9	56.7	77.3	104.0	138.1	178.4	226.2
-10°	0.0	5.2	15.0	25.8	39.5	56.2	76.4	102.7	136.0	175.9	222.2
-12.5°	0.0	5.2	14.8	25.5	38.9	55.4	75.3	100.9	133.3	172.1	213.5
-15°	0.0	5.1	14.6	25.2	38.3	54.5	74.0	98.8	129.1	163.9	202.4
-17.5°	0.0	5.1	14.3	24.8	37.6	53.4	72.4	95.6	123.3	155.4	190.8
-20°	0.0	5.0	14.0	24.3	36.7	52.2	70.3	91.5	117.2	146.6	179.0



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 CATALOG NUMBER: GFLD-SA1A-935-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.9	13.7	23.8	35.8	50.7	67.6	87.3	110.8	137.6	166.9
-25°	0.0	4.8	13.3	23.2	34.9	48.9	64.6	82.8	104.4	128.5	154.7
-27.5°	0.0	4.7	12.9	22.6	33.8	46.7	61.6	78.2	97.7	119.7	143.6
-30°	0.0	4.6	12.5	21.8	32.6	44.5	58.4	73.4	91.6	111.7	132.6
-32.5°	0.0	4.5	12.0	21.0	31.3	42.3	55.1	69.2	85.7	103.6	121.8
-35°	0.0	4.3	11.5	20.2	29.8	39.9	52.0	65.1	79.8	95.6	111.3
-37.5°	0.0	4.2	11.0	19.3	28.3	37.6	49.0	60.9	73.9	87.7	101.8
-40°	0.0	4.1	10.5	18.3	26.7	35.6	45.9	56.7	67.9	80.6	92.9
-42.5°	0.0	3.9	9.9	17.2	25.2	33.6	42.9	52.4	62.6	73.8	84.4
-45°	0.0	3.7	9.3	16.1	23.7	31.5	39.7	48.4	57.7	67.2	76.3
-47.5°	0.0	3.6	8.7	15.0	22.1	29.3	36.6	44.7	52.7	60.7	69.1
-50°	0.0	3.4	8.0	13.9	20.5	27.1	33.8	41.1	47.9	55.3	62.2
-52.5°	0.0	3.2	7.4	12.9	18.9	24.8	31.2	37.5	43.7	50.1	55.7
-55°	0.0	3.0	6.7	11.9	17.3	22.7	28.4	33.9	39.6	44.9	50.2
-57.5°	0.0	2.8	6.0	10.9	15.6	20.7	25.6	30.7	35.6	40.4	44.8
-60°	0.0	2.6	5.3	9.8	13.9	18.6	22.9	27.5	31.7	36.0	39.7
-62.5°	0.0	2.4	4.9	8.7	12.5	16.5	20.4	24.3	28.2	31.6	35.0
-65°	0.0	2.2	4.5	7.6	11.0	14.4	18.0	21.2	24.7	27.7	30.4
-67.5°	0.0	2.0	4.1	6.5	9.6	12.5	15.6	18.5	21.2	24.0	26.3
-70°	0.0	1.8	3.6	5.3	8.1	10.7	13.1	15.8	18.2	20.4	22.5
-72.5°	0.0	1.6	3.2	4.6	6.6	8.9	10.9	13.1	15.3	17.2	18.8
-75°	0.0	1.4	2.7	3.9	5.1	7.1	8.8	10.6	12.3	14.0	15.4
-77.5°	0.0	1.1	2.3	3.3	4.2	5.2	6.7	8.2	9.6	10.9	12.1
-80°	0.0	0.9	1.8	2.6	3.3	3.9	4.6	5.8	6.9	8.0	8.9
-82.5°	0.0	0.7	1.4	2.0	2.5	3.0	3.3	3.8	4.3	5.1	5.8
-85°	0.0	0.5	0.9	1.3	1.7	2.0	2.2	2.5	2.8	3.1	3.3
-87.5°	0.0	0.2	0.5	0.7	0.8	1.0	1.1	1.3	1.4	1.5	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-SA1A-935-U-NAT-XX

**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°	1.8	1.9	2.0	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.7
85°	3.6	3.8	4.2	4.5	4.8	5.0	5.3	5.4	5.6	5.8	5.9
82.5°	6.5	7.0	7.4	7.8	8.1	8.4	8.7	9.0	9.2	9.5	9.7
80°	9.7	10.3	10.9	11.4	12.0	12.4	12.6	12.8	13.1	13.5	13.9
77.5°	13.1	14.0	14.8	15.5	16.1	16.6	17.0	17.2	17.7	18.3	18.9
75°	16.7	17.8	18.9	19.9	20.7	21.3	21.7	22.1	22.7	23.5	24.1
72.5°	20.4	21.9	23.2	24.4	25.4	26.3	26.9	27.3	27.9	28.8	29.5
70°	24.3	26.0	27.8	29.3	30.5	31.4	32.2	32.8	33.3	34.2	34.9
67.5°	28.3	30.8	32.8	34.4	35.7	36.8	37.7	38.3	38.6	39.5	40.2
65°	33.0	35.7	38.0	39.8	41.0	42.5	43.5	44.0	44.1	45.1	46.1
62.5°	37.9	40.9	43.3	45.4	47.0	48.4	49.5	50.1	50.2	51.0	52.1
60°	43.1	46.1	49.1	51.5	53.2	54.7	55.9	56.6	56.7	57.0	58.2
57.5°	48.5	51.8	55.2	57.9	60.0	61.2	62.5	63.2	63.5	63.3	64.6
55°	54.4	57.8	61.6	64.9	67.0	68.1	69.3	70.3	70.7	70.5	71.2
52.5°	61.0	64.4	68.5	72.1	74.5	75.7	76.6	77.9	78.4	78.2	78.1
50°	68.0	72.3	75.7	79.7	82.6	84.3	84.3	85.9	86.7	86.5	85.4
47.5°	75.9	80.7	83.3	87.9	91.7	93.7	93.8	94.5	95.4	95.7	94.8
45°	84.5	90.3	93.1	97.2	101.5	103.9	104.6	103.5	105.2	105.7	105.1
42.5°	93.5	100.9	105.3	107.0	112.0	115.3	116.6	115.8	115.7	116.9	116.9
40°	103.8	112.4	119.0	120.8	123.3	127.9	130.6	130.5	127.5	129.6	130.2
37.5°	115.0	126.1	134.3	137.9	136.0	142.1	146.2	147.8	145.9	143.8	146.2
35°	126.6	140.8	151.7	157.9	158.2	158.1	164.3	167.7	168.0	164.0	164.9
32.5°	139.7	156.3	170.9	180.8	185.4	182.6	184.2	191.3	194.8	193.3	187.6
30°	153.8	174.1	192.0	206.0	216.2	219.1	212.4	217.9	225.6	228.7	226.2
27.5°	168.0	193.1	215.6	235.1	250.9	260.8	261.0	252.5	261.2	268.6	271.5
25°	182.5	212.0	240.8	267.2	291.0	308.0	315.9	316.8	304.6	315.7	326.1
22.5°	197.9	231.4	265.6	301.3	334.4	359.6	378.6	390.1	389.7	378.1	387.2
20°	214.2	252.6	292.4	334.8	379.9	414.5	446.4	470.9	485.6	490.5	481.0
17.5°	230.4	274.0	320.5	371.1	423.3	471.1	519.0	558.1	589.0	614.4	623.4
15°	246.5	295.3	348.8	407.6	467.9	527.8	589.4	649.2	701.7	748.2	775.7
12.5°	262.2	316.3	376.8	443.9	513.2	585.2	658.8	731.5	807.3	882.6	939.7
10°	277.3	336.8	404.3	479.6	558.4	642.6	728.0	814.4	906.4	995.1	1080.5
7.5°	283.8	350.2	427.9	514.2	602.8	699.2	796.2	896.4	1004.0	1107.5	1211.8
5°	287.8	355.5	434.6	524.4	623.0	736.1	851.8	976.0	1098.8	1217.9	1340.8
2.5°	290.4	359.2	439.0	528.5	626.0	742.1	859.3	988.3	1126.0	1263.8	1410.1
0°	291.7	361.1	441.2	529.7	625.6	744.1	862.2	995.3	1134.8	1275.0	1424.7
-2.5°	290.4	359.2	439.0	528.5	626.0	742.1	859.3	988.3	1126.0	1263.8	1410.1
-5°	287.8	355.5	434.6	524.4	623.0	736.1	851.8	976.0	1098.8	1217.9	1340.8
-7.5°	283.8	350.2	427.9	514.2	602.8	699.2	796.2	896.4	1004.0	1107.5	1211.8
-10°	277.3	336.8	404.3	479.6	558.4	642.6	728.0	814.4	906.4	995.1	1080.5
-12.5°	262.2	316.3	376.8	443.9	513.2	585.2	658.8	731.5	807.3	882.6	939.7
-15°	246.5	295.3	348.8	407.6	467.9	527.8	589.4	649.2	701.7	748.2	775.7
-17.5°	230.4	274.0	320.5	371.1	423.3	471.1	519.0	558.1	589.0	614.4	623.4
-20°	214.2	252.6	292.4	334.8	379.9	414.5	446.4	470.9	485.6	490.5	481.0



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 CATALOG NUMBER: GFLD-SA1A-935-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	197.9	231.4	265.6	301.3	334.4	359.6	378.6	390.1	389.7	378.1	387.2
-25°	182.5	212.0	240.8	267.2	291.0	308.0	315.9	316.8	304.6	315.7	326.1
-27.5°	168.0	193.1	215.6	235.1	250.9	260.8	261.0	252.5	261.2	268.6	271.5
-30°	153.8	174.1	192.0	206.0	216.2	219.1	212.4	217.9	225.6	228.7	226.2
-32.5°	139.7	156.3	170.9	180.8	185.4	182.6	184.2	191.3	194.8	193.3	187.6
-35°	126.6	140.8	151.7	157.9	158.2	158.1	164.3	167.7	168.0	164.0	164.9
-37.5°	115.0	126.1	134.3	137.9	136.0	142.1	146.2	147.8	145.9	143.8	146.2
-40°	103.8	112.4	119.0	120.8	123.3	127.9	130.6	130.5	127.5	129.6	130.2
-42.5°	93.5	100.9	105.3	107.0	112.0	115.3	116.6	115.8	115.7	116.9	116.9
-45°	84.5	90.3	93.1	97.2	101.5	103.9	104.6	103.5	105.2	105.7	105.1
-47.5°	75.9	80.7	83.3	87.9	91.7	93.7	93.8	94.5	95.4	95.7	94.8
-50°	68.0	72.3	75.7	79.7	82.6	84.3	84.3	85.9	86.7	86.5	85.4
-52.5°	61.0	64.4	68.5	72.1	74.5	75.7	76.6	77.9	78.4	78.2	78.1
-55°	54.4	57.8	61.6	64.9	67.0	68.1	69.3	70.3	70.7	70.5	71.2
-57.5°	48.5	51.8	55.2	57.9	60.0	61.2	62.5	63.2	63.5	63.3	64.6
-60°	43.1	46.1	49.1	51.5	53.2	54.7	55.9	56.6	56.7	57.0	58.2
-62.5°	37.9	40.9	43.3	45.4	47.0	48.4	49.5	50.1	50.2	51.0	52.1
-65°	33.0	35.7	38.0	39.8	41.0	42.5	43.5	44.0	44.1	45.1	46.1
-67.5°	28.3	30.8	32.8	34.4	35.7	36.8	37.7	38.3	38.6	39.5	40.2
-70°	24.3	26.0	27.8	29.3	30.5	31.4	32.2	32.8	33.3	34.2	34.9
-72.5°	20.4	21.9	23.2	24.4	25.4	26.3	26.9	27.3	27.9	28.8	29.5
-75°	16.7	17.8	18.9	19.9	20.7	21.3	21.7	22.1	22.7	23.5	24.1
-77.5°	13.1	14.0	14.8	15.5	16.1	16.6	17.0	17.2	17.7	18.3	18.9
-80°	9.7	10.3	10.9	11.4	12.0	12.4	12.6	12.8	13.1	13.5	13.9
-82.5°	6.5	7.0	7.4	7.8	8.1	8.4	8.7	9.0	9.2	9.5	9.7
-85°	3.6	3.8	4.2	4.5	4.8	5.0	5.3	5.4	5.6	5.8	5.9
-87.5°	1.8	1.9	2.0	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.7
-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: P558478 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-NAT-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°	2.8	2.7	2.7	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5
85°	6.0	6.1	6.2	6.4	6.5	6.6	6.7	6.7	6.8	6.8	6.8
82.5°	9.8	10.2	10.5	10.8	11.1	11.3	11.4	11.5	11.5	11.6	11.7
80°	14.3	14.8	15.2	15.6	15.9	16.1	16.3	16.4	16.5	16.6	16.7
77.5°	19.3	19.9	20.4	20.8	21.2	21.6	21.9	22.1	22.3	22.6	22.8
75°	24.7	25.3	25.9	26.5	27.0	27.5	28.0	28.5	28.9	29.3	29.6
72.5°	30.1	30.7	31.5	32.2	32.9	33.6	34.3	34.9	35.5	36.0	36.4
70°	35.4	36.0	37.0	38.0	38.9	39.8	40.6	41.4	42.0	42.7	43.3
67.5°	40.9	41.5	42.8	43.9	44.9	45.9	46.9	47.8	48.5	49.2	49.8
65°	46.8	47.4	48.7	50.0	51.0	51.9	53.0	54.0	54.8	55.6	56.2
62.5°	52.9	53.5	54.6	55.8	56.8	57.7	58.9	60.0	61.0	61.7	62.4
60°	59.1	59.6	60.4	61.8	62.9	63.9	65.0	66.0	66.9	67.7	68.4
57.5°	65.5	66.0	66.4	67.8	68.9	69.7	70.7	71.7	72.6	73.3	74.0
55°	72.1	72.5	72.4	73.6	74.7	75.4	76.1	77.2	78.1	78.7	79.3
52.5°	78.9	79.4	79.1	79.6	80.7	81.4	81.7	82.9	83.7	84.3	84.9
50°	86.5	86.8	86.5	86.2	87.4	88.0	88.2	89.2	90.0	90.4	90.8
47.5°	94.7	95.1	94.9	93.7	94.7	95.5	95.6	96.0	96.8	97.1	97.3
45°	103.5	104.4	104.2	103.4	103.3	104.1	104.1	103.7	104.7	105.1	105.2
42.5°	115.3	115.0	115.3	114.8	113.3	114.2	114.4	113.2	114.4	114.9	114.6
40°	129.6	127.0	128.4	128.2	126.8	126.6	127.3	126.4	126.6	127.3	126.8
37.5°	146.6	144.7	143.9	144.6	144.2	142.4	143.8	143.5	142.3	143.6	143.1
35°	167.5	167.0	162.8	165.3	165.9	164.2	164.7	165.4	163.0	164.9	164.7
32.5°	192.0	193.3	192.4	190.8	193.2	193.5	190.7	194.0	192.7	193.1	194.5
30°	219.7	226.1	229.2	226.4	227.9	230.9	229.6	231.9	232.9	231.2	234.5
27.5°	268.2	266.0	273.4	276.6	273.1	278.6	282.5	280.7	286.5	283.0	287.9
25°	329.8	326.5	328.5	339.1	341.5	338.8	349.8	351.1	355.7	356.3	359.6
22.5°	402.1	410.2	409.2	412.4	425.9	430.4	434.4	445.1	442.7	452.3	453.9
20°	483.0	503.2	517.0	519.9	525.7	541.1	548.2	556.6	562.2	571.3	579.0
17.5°	619.9	609.6	636.8	653.8	662.9	666.1	684.6	690.7	704.6	712.6	720.5
15°	795.6	801.6	789.3	805.6	833.1	842.4	831.7	856.7	863.6	877.1	879.5
12.5°	983.4	1013.8	1028.7	1032.8	1018.4	1057.5	1073.2	1053.5	1075.8	1071.8	1090.2
10°	1162.6	1236.5	1280.7	1311.8	1330.7	1342.1	1353.4	1373.7	1374.1	1389.1	1380.3
7.5°	1309.7	1403.4	1492.9	1579.6	1649.0	1687.9	1718.5	1747.8	1786.9	1805.6	1817.8
5°	1453.6	1561.7	1668.8	1774.0	1869.2	1960.8	2050.7	2128.6	2169.9	2218.2	2261.2
2.5°	1546.7	1683.4	1820.1	1955.6	2065.6	2166.6	2260.1	2347.0	2423.2	2493.6	2553.1
0°	1564.9	1717.9	1860.5	1995.6	2119.5	2244.3	2353.2	2451.4	2534.4	2609.2	2659.8
-2.5°	1546.7	1683.4	1820.1	1955.6	2065.6	2166.6	2260.1	2347.0	2423.2	2493.6	2553.1
-5°	1453.6	1561.7	1668.8	1774.0	1869.2	1960.8	2050.7	2128.6	2169.9	2218.2	2261.2
-7.5°	1309.7	1403.4	1492.9	1579.6	1649.0	1687.9	1718.5	1747.8	1786.9	1805.6	1817.8
-10°	1162.6	1236.5	1280.7	1311.8	1330.7	1342.1	1353.4	1373.7	1374.1	1389.1	1380.3
-12.5°	983.4	1013.8	1028.7	1032.8	1018.4	1057.5	1073.2	1053.5	1075.8	1071.8	1090.2
-15°	795.6	801.6	789.3	805.6	833.1	842.4	831.7	856.7	863.6	877.1	879.5
-17.5°	619.9	609.6	636.8	653.8	662.9	666.1	684.6	690.7	704.6	712.6	720.5
-20°	483.0	503.2	517.0	519.9	525.7	541.1	548.2	556.6	562.2	571.3	579.0



REPORT NUMBER: P558478 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	402.1	410.2	409.2	412.4	425.9	430.4	434.4	445.1	442.7	452.3	453.9
-25°	329.8	326.5	328.5	339.1	341.5	338.8	349.8	351.1	355.7	356.3	359.6
-27.5°	268.2	266.0	273.4	276.6	273.1	278.6	282.5	280.7	286.5	283.0	287.9
-30°	219.7	226.1	229.2	226.4	227.9	230.9	229.6	231.9	232.9	231.2	234.5
-32.5°	192.0	193.3	192.4	190.8	193.2	193.5	190.7	194.0	192.7	193.1	194.5
-35°	167.5	167.0	162.8	165.3	165.9	164.2	164.7	165.4	163.0	164.9	164.7
-37.5°	146.6	144.7	143.9	144.6	144.2	142.4	143.8	143.5	142.3	143.6	143.1
-40°	129.6	127.0	128.4	128.2	126.8	126.6	127.3	126.4	126.6	127.3	126.8
-42.5°	115.3	115.0	115.3	114.8	113.3	114.2	114.4	113.2	114.4	114.9	114.6
-45°	103.5	104.4	104.2	103.4	103.3	104.1	104.1	103.7	104.7	105.1	105.2
-47.5°	94.7	95.1	94.9	93.7	94.7	95.5	95.6	96.0	96.8	97.1	97.3
-50°	86.5	86.8	86.5	86.2	87.4	88.0	88.2	89.2	90.0	90.4	90.8
-52.5°	78.9	79.4	79.1	79.6	80.7	81.4	81.7	82.9	83.7	84.3	84.9
-55°	72.1	72.5	72.4	73.6	74.7	75.4	76.1	77.2	78.1	78.7	79.3
-57.5°	65.5	66.0	66.4	67.8	68.9	69.7	70.7	71.7	72.6	73.3	74.0
-60°	59.1	59.6	60.4	61.8	62.9	63.9	65.0	66.0	66.9	67.7	68.4
-62.5°	52.9	53.5	54.6	55.8	56.8	57.7	58.9	60.0	61.0	61.7	62.4
-65°	46.8	47.4	48.7	50.0	51.0	51.9	53.0	54.0	54.8	55.6	56.2
-67.5°	40.9	41.5	42.8	43.9	44.9	45.9	46.9	47.8	48.5	49.2	49.8
-70°	35.4	36.0	37.0	38.0	38.9	39.8	40.6	41.4	42.0	42.7	43.3
-72.5°	30.1	30.7	31.5	32.2	32.9	33.6	34.3	34.9	35.5	36.0	36.4
-75°	24.7	25.3	25.9	26.5	27.0	27.5	28.0	28.5	28.9	29.3	29.6
-77.5°	19.3	19.9	20.4	20.8	21.2	21.6	21.9	22.1	22.3	22.6	22.8
-80°	14.3	14.8	15.2	15.6	15.9	16.1	16.3	16.4	16.5	16.6	16.7
-82.5°	9.8	10.2	10.5	10.8	11.1	11.3	11.4	11.5	11.5	11.6	11.7
-85°	6.0	6.1	6.2	6.4	6.5	6.6	6.7	6.7	6.8	6.8	6.8
-87.5°	2.8	2.7	2.7	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5
-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: P558478 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-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°	2.4	2.4	2.5	2.6	2.5	2.4	2.4	2.5	2.5	2.5	2.5
85°	6.7	6.7	6.8	6.9	6.8	6.7	6.7	6.8	6.8	6.8	6.7
82.5°	11.7	11.7	11.8	11.8	11.8	11.7	11.7	11.7	11.6	11.5	11.5
80°	16.7	16.7	16.7	16.6	16.7	16.7	16.7	16.7	16.6	16.5	16.4
77.5°	23.0	23.2	23.3	23.3	23.3	23.2	23.0	22.8	22.6	22.3	22.1
75°	29.8	29.9	29.9	29.8	29.9	29.9	29.8	29.6	29.3	28.9	28.5
72.5°	36.8	37.1	37.2	37.1	37.2	37.1	36.8	36.4	36.0	35.5	34.9
70°	43.8	44.2	44.2	44.0	44.2	44.2	43.8	43.3	42.7	42.0	41.4
67.5°	50.3	50.7	50.9	51.1	50.9	50.7	50.3	49.8	49.2	48.5	47.8
65°	56.7	57.1	57.3	57.4	57.3	57.1	56.7	56.2	55.6	54.8	54.0
62.5°	62.9	63.2	63.4	63.5	63.4	63.2	62.9	62.4	61.7	61.0	60.0
60°	68.9	69.3	69.4	69.2	69.4	69.3	68.9	68.4	67.7	66.9	66.0
57.5°	74.6	75.0	75.0	74.7	75.0	75.0	74.6	74.0	73.3	72.6	71.7
55°	79.8	80.0	80.1	80.1	80.1	80.0	79.8	79.3	78.7	78.1	77.2
52.5°	85.3	85.5	85.6	85.6	85.6	85.5	85.3	84.9	84.3	83.7	82.9
50°	91.1	91.1	91.1	91.1	91.1	91.1	91.1	90.8	90.4	90.0	89.2
47.5°	97.7	97.8	97.8	97.8	97.8	97.8	97.7	97.3	97.1	96.8	96.0
45°	105.5	105.3	105.1	105.1	105.1	105.3	105.5	105.2	105.1	104.7	103.7
42.5°	114.9	114.6	114.3	114.4	114.3	114.6	114.9	114.6	114.9	114.4	113.2
40°	127.2	127.2	126.7	126.6	126.7	127.2	127.2	126.8	127.3	126.6	126.4
37.5°	143.2	142.9	142.0	141.6	142.0	142.9	143.2	143.1	143.6	142.3	143.5
35°	164.1	163.8	162.4	162.5	162.4	163.8	164.1	164.7	164.9	163.0	165.4
32.5°	193.8	193.9	191.8	191.3	191.8	193.9	193.8	194.5	193.1	192.7	194.0
30°	232.5	233.3	230.8	231.9	230.8	233.3	232.5	234.5	231.2	232.9	231.9
27.5°	287.8	289.5	287.2	285.4	287.2	289.5	287.8	287.9	283.0	286.5	280.7
25°	364.1	365.3	362.7	360.5	362.7	365.3	364.1	359.6	356.3	355.7	351.1
22.5°	463.3	463.2	463.1	466.6	463.1	463.2	463.3	453.9	452.3	442.7	445.1
20°	584.0	581.1	585.5	588.3	585.5	581.1	584.0	579.0	571.3	562.2	556.6
17.5°	722.3	727.8	732.0	739.0	732.0	727.8	722.3	720.5	712.6	704.6	690.7
15°	885.4	893.7	897.9	895.6	897.9	893.7	885.4	879.5	877.1	863.6	856.7
12.5°	1090.8	1100.7	1093.4	1084.3	1093.4	1100.7	1090.8	1090.2	1071.8	1075.8	1053.5
10°	1380.5	1401.7	1402.9	1385.2	1402.9	1401.7	1380.5	1380.3	1389.1	1374.1	1373.7
7.5°	1824.9	1835.2	1851.0	1851.7	1851.0	1835.2	1824.9	1817.8	1805.6	1786.9	1747.8
5°	2280.7	2308.2	2326.0	2356.7	2326.0	2308.2	2280.7	2261.2	2218.2	2169.9	2128.6
2.5°	2591.6	2627.1	2640.8	2675.6	2640.8	2627.1	2591.6	2553.1	2493.6	2423.2	2347.0
0°	2704.8	2733.6	2750.8	2764.6	2750.8	2733.6	2704.8	2659.8	2609.2	2534.4	2451.4
-2.5°	2591.6	2627.1	2640.8	2675.6	2640.8	2627.1	2591.6	2553.1	2493.6	2423.2	2347.0
-5°	2280.7	2308.2	2326.0	2356.7	2326.0	2308.2	2280.7	2261.2	2218.2	2169.9	2128.6
-7.5°	1824.9	1835.2	1851.0	1851.7	1851.0	1835.2	1824.9	1817.8	1805.6	1786.9	1747.8
-10°	1380.5	1401.7	1402.9	1385.2	1402.9	1401.7	1380.5	1380.3	1389.1	1374.1	1373.7
-12.5°	1090.8	1100.7	1093.4	1084.3	1093.4	1100.7	1090.8	1090.2	1071.8	1075.8	1053.5
-15°	885.4	893.7	897.9	895.6	897.9	893.7	885.4	879.5	877.1	863.6	856.7
-17.5°	722.3	727.8	732.0	739.0	732.0	727.8	722.3	720.5	712.6	704.6	690.7
-20°	584.0	581.1	585.5	588.3	585.5	581.1	584.0	579.0	571.3	562.2	556.6



REPORT NUMBER: P558478 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	463.3	463.2	463.1	466.6	463.1	463.2	463.3	453.9	452.3	442.7	445.1
-25°	364.1	365.3	362.7	360.5	362.7	365.3	364.1	359.6	356.3	355.7	351.1
-27.5°	287.8	289.5	287.2	285.4	287.2	289.5	287.8	287.9	283.0	286.5	280.7
-30°	232.5	233.3	230.8	231.9	230.8	233.3	232.5	234.5	231.2	232.9	231.9
-32.5°	193.8	193.9	191.8	191.3	191.8	193.9	193.8	194.5	193.1	192.7	194.0
-35°	164.1	163.8	162.4	162.5	162.4	163.8	164.1	164.7	164.9	163.0	165.4
-37.5°	143.2	142.9	142.0	141.6	142.0	142.9	143.2	143.1	143.6	142.3	143.5
-40°	127.2	127.2	126.7	126.6	126.7	127.2	127.2	126.8	127.3	126.6	126.4
-42.5°	114.9	114.6	114.3	114.4	114.3	114.6	114.9	114.6	114.9	114.4	113.2
-45°	105.5	105.3	105.1	105.1	105.1	105.3	105.5	105.2	105.1	104.7	103.7
-47.5°	97.7	97.8	97.8	97.8	97.8	97.8	97.7	97.3	97.1	96.8	96.0
-50°	91.1	91.1	91.1	91.1	91.1	91.1	91.1	90.8	90.4	90.0	89.2
-52.5°	85.3	85.5	85.6	85.6	85.6	85.5	85.3	84.9	84.3	83.7	82.9
-55°	79.8	80.0	80.1	80.1	80.1	80.0	79.8	79.3	78.7	78.1	77.2
-57.5°	74.6	75.0	75.0	74.7	75.0	75.0	74.6	74.0	73.3	72.6	71.7
-60°	68.9	69.3	69.4	69.2	69.4	69.3	68.9	68.4	67.7	66.9	66.0
-62.5°	62.9	63.2	63.4	63.5	63.4	63.2	62.9	62.4	61.7	61.0	60.0
-65°	56.7	57.1	57.3	57.4	57.3	57.1	56.7	56.2	55.6	54.8	54.0
-67.5°	50.3	50.7	50.9	51.1	50.9	50.7	50.3	49.8	49.2	48.5	47.8
-70°	43.8	44.2	44.2	44.0	44.2	44.2	43.8	43.3	42.7	42.0	41.4
-72.5°	36.8	37.1	37.2	37.1	37.2	37.1	36.8	36.4	36.0	35.5	34.9
-75°	29.8	29.9	29.9	29.8	29.9	29.9	29.8	29.6	29.3	28.9	28.5
-77.5°	23.0	23.2	23.3	23.3	23.3	23.2	23.0	22.8	22.6	22.3	22.1
-80°	16.7	16.7	16.7	16.6	16.7	16.7	16.7	16.7	16.6	16.5	16.4
-82.5°	11.7	11.7	11.8	11.8	11.8	11.7	11.7	11.7	11.6	11.5	11.5
-85°	6.7	6.7	6.8	6.9	6.8	6.7	6.7	6.8	6.8	6.8	6.7
-87.5°	2.4	2.4	2.5	2.6	2.5	2.4	2.4	2.5	2.5	2.5	2.5
-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: P558478 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-NAT-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°	2.5	2.5	2.5	2.6	2.7	2.7	2.8	2.7	2.6	2.5	2.4
85°	6.7	6.6	6.5	6.4	6.2	6.1	6.0	5.9	5.8	5.6	5.4
82.5°	11.4	11.3	11.1	10.8	10.5	10.2	9.8	9.7	9.5	9.2	9.0
80°	16.3	16.1	15.9	15.6	15.2	14.8	14.3	13.9	13.5	13.1	12.8
77.5°	21.9	21.6	21.2	20.8	20.4	19.9	19.3	18.9	18.3	17.7	17.2
75°	28.0	27.5	27.0	26.5	25.9	25.3	24.7	24.1	23.5	22.7	22.1
72.5°	34.3	33.6	32.9	32.2	31.5	30.7	30.1	29.5	28.8	27.9	27.3
70°	40.6	39.8	38.9	38.0	37.0	36.0	35.4	34.9	34.2	33.3	32.8
67.5°	46.9	45.9	44.9	43.9	42.8	41.5	40.9	40.2	39.5	38.6	38.3
65°	53.0	51.9	51.0	50.0	48.7	47.4	46.8	46.1	45.1	44.1	44.0
62.5°	58.9	57.7	56.8	55.8	54.6	53.5	52.9	52.1	51.0	50.2	50.1
60°	65.0	63.9	62.9	61.8	60.4	59.6	59.1	58.2	57.0	56.7	56.6
57.5°	70.7	69.7	68.9	67.8	66.4	66.0	65.5	64.6	63.3	63.5	63.2
55°	76.1	75.4	74.7	73.6	72.4	72.5	72.1	71.2	70.5	70.7	70.3
52.5°	81.7	81.4	80.7	79.6	79.1	79.4	78.9	78.1	78.2	78.4	77.9
50°	88.2	88.0	87.4	86.2	86.5	86.8	86.5	85.4	86.5	86.7	85.9
47.5°	95.6	95.5	94.7	93.7	94.9	95.1	94.7	94.8	95.7	95.4	94.5
45°	104.1	104.1	103.3	103.4	104.2	104.4	103.5	105.1	105.7	105.2	103.5
42.5°	114.4	114.2	113.3	114.8	115.3	115.0	115.3	116.9	116.9	115.7	115.8
40°	127.3	126.6	126.8	128.2	128.4	127.0	129.6	130.2	129.6	127.5	130.5
37.5°	143.8	142.4	144.2	144.6	143.9	144.7	146.6	146.2	143.8	145.9	147.8
35°	164.7	164.2	165.9	165.3	162.8	167.0	167.5	164.9	164.0	168.0	167.7
32.5°	190.7	193.5	193.2	190.8	192.4	193.3	192.0	187.6	193.3	194.8	191.3
30°	229.6	230.9	227.9	226.4	229.2	226.1	219.7	226.2	228.7	225.6	217.9
27.5°	282.5	278.6	273.1	276.6	273.4	266.0	268.2	271.5	268.6	261.2	252.5
25°	349.8	338.8	341.5	339.1	328.5	326.5	329.8	326.1	315.7	304.6	316.8
22.5°	434.4	430.4	425.9	412.4	409.2	410.2	402.1	387.2	378.1	389.7	390.1
20°	548.2	541.1	525.7	519.9	517.0	503.2	483.0	481.0	490.5	485.6	470.9
17.5°	684.6	666.1	662.9	653.8	636.8	609.6	619.9	623.4	614.4	589.0	558.1
15°	831.7	842.4	833.1	805.6	789.3	801.6	795.6	775.7	748.2	701.7	649.2
12.5°	1073.2	1057.5	1018.4	1032.8	1028.7	1013.8	983.4	939.7	882.6	807.3	731.5
10°	1353.4	1342.1	1330.7	1311.8	1280.7	1236.5	1162.6	1080.5	995.1	906.4	814.4
7.5°	1718.5	1687.9	1649.0	1579.6	1492.9	1403.4	1309.7	1211.8	1107.5	1004.0	896.4
5°	2050.7	1960.8	1869.2	1774.0	1668.8	1561.7	1453.6	1340.8	1217.9	1098.8	976.0
2.5°	2260.1	2166.6	2065.6	1955.6	1820.1	1683.4	1546.7	1410.1	1263.8	1126.0	988.3
0°	2353.2	2244.3	2119.5	1995.6	1860.5	1717.9	1564.9	1424.7	1275.0	1134.8	995.3
-2.5°	2260.1	2166.6	2065.6	1955.6	1820.1	1683.4	1546.7	1410.1	1263.8	1126.0	988.3
-5°	2050.7	1960.8	1869.2	1774.0	1668.8	1561.7	1453.6	1340.8	1217.9	1098.8	976.0
-7.5°	1718.5	1687.9	1649.0	1579.6	1492.9	1403.4	1309.7	1211.8	1107.5	1004.0	896.4
-10°	1353.4	1342.1	1330.7	1311.8	1280.7	1236.5	1162.6	1080.5	995.1	906.4	814.4
-12.5°	1073.2	1057.5	1018.4	1032.8	1028.7	1013.8	983.4	939.7	882.6	807.3	731.5
-15°	831.7	842.4	833.1	805.6	789.3	801.6	795.6	775.7	748.2	701.7	649.2
-17.5°	684.6	666.1	662.9	653.8	636.8	609.6	619.9	623.4	614.4	589.0	558.1
-20°	548.2	541.1	525.7	519.9	517.0	503.2	483.0	481.0	490.5	485.6	470.9



REPORT NUMBER: P558478 (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°	434.4	430.4	425.9	412.4	409.2	410.2	402.1	387.2	378.1	389.7	390.1
-25°	349.8	338.8	341.5	339.1	328.5	326.5	329.8	326.1	315.7	304.6	316.8
-27.5°	282.5	278.6	273.1	276.6	273.4	266.0	268.2	271.5	268.6	261.2	252.5
-30°	229.6	230.9	227.9	226.4	229.2	226.1	219.7	226.2	228.7	225.6	217.9
-32.5°	190.7	193.5	193.2	190.8	192.4	193.3	192.0	187.6	193.3	194.8	191.3
-35°	164.7	164.2	165.9	165.3	162.8	167.0	167.5	164.9	164.0	168.0	167.7
-37.5°	143.8	142.4	144.2	144.6	143.9	144.7	146.6	146.2	143.8	145.9	147.8
-40°	127.3	126.6	126.8	128.2	128.4	127.0	129.6	130.2	129.6	127.5	130.5
-42.5°	114.4	114.2	113.3	114.8	115.3	115.0	115.3	116.9	116.9	115.7	115.8
-45°	104.1	104.1	103.3	103.4	104.2	104.4	103.5	105.1	105.7	105.2	103.5
-47.5°	95.6	95.5	94.7	93.7	94.9	95.1	94.7	94.8	95.7	95.4	94.5
-50°	88.2	88.0	87.4	86.2	86.5	86.8	86.5	85.4	86.5	86.7	85.9
-52.5°	81.7	81.4	80.7	79.6	79.1	79.4	78.9	78.1	78.2	78.4	77.9
-55°	76.1	75.4	74.7	73.6	72.4	72.5	72.1	71.2	70.5	70.7	70.3
-57.5°	70.7	69.7	68.9	67.8	66.4	66.0	65.5	64.6	63.3	63.5	63.2
-60°	65.0	63.9	62.9	61.8	60.4	59.6	59.1	58.2	57.0	56.7	56.6
-62.5°	58.9	57.7	56.8	55.8	54.6	53.5	52.9	52.1	51.0	50.2	50.1
-65°	53.0	51.9	51.0	50.0	48.7	47.4	46.8	46.1	45.1	44.1	44.0
-67.5°	46.9	45.9	44.9	43.9	42.8	41.5	40.9	40.2	39.5	38.6	38.3
-70°	40.6	39.8	38.9	38.0	37.0	36.0	35.4	34.9	34.2	33.3	32.8
-72.5°	34.3	33.6	32.9	32.2	31.5	30.7	30.1	29.5	28.8	27.9	27.3
-75°	28.0	27.5	27.0	26.5	25.9	25.3	24.7	24.1	23.5	22.7	22.1
-77.5°	21.9	21.6	21.2	20.8	20.4	19.9	19.3	18.9	18.3	17.7	17.2
-80°	16.3	16.1	15.9	15.6	15.2	14.8	14.3	13.9	13.5	13.1	12.8
-82.5°	11.4	11.3	11.1	10.8	10.5	10.2	9.8	9.7	9.5	9.2	9.0
-85°	6.7	6.6	6.5	6.4	6.2	6.1	6.0	5.9	5.8	5.6	5.4
-87.5°	2.5	2.5	2.5	2.6	2.7	2.7	2.8	2.7	2.6	2.5	2.4
-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: P558478 (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°	2.3	2.3	2.2	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3
85°	5.3	5.0	4.8	4.5	4.2	3.8	3.6	3.3	3.1	2.8	2.5
82.5°	8.7	8.4	8.1	7.8	7.4	7.0	6.5	5.8	5.1	4.3	3.8
80°	12.6	12.4	12.0	11.4	10.9	10.3	9.7	8.9	8.0	6.9	5.8
77.5°	17.0	16.6	16.1	15.5	14.8	14.0	13.1	12.1	10.9	9.6	8.2
75°	21.7	21.3	20.7	19.9	18.9	17.8	16.7	15.4	14.0	12.3	10.6
72.5°	26.9	26.3	25.4	24.4	23.2	21.9	20.4	18.8	17.2	15.3	13.1
70°	32.2	31.4	30.5	29.3	27.8	26.0	24.3	22.5	20.4	18.2	15.8
67.5°	37.7	36.8	35.7	34.4	32.8	30.8	28.3	26.3	24.0	21.2	18.5
65°	43.5	42.5	41.0	39.8	38.0	35.7	33.0	30.4	27.7	24.7	21.2
62.5°	49.5	48.4	47.0	45.4	43.3	40.9	37.9	35.0	31.6	28.2	24.3
60°	55.9	54.7	53.2	51.5	49.1	46.1	43.1	39.7	36.0	31.7	27.5
57.5°	62.5	61.2	60.0	57.9	55.2	51.8	48.5	44.8	40.4	35.6	30.7
55°	69.3	68.1	67.0	64.9	61.6	57.8	54.4	50.2	44.9	39.6	33.9
52.5°	76.6	75.7	74.5	72.1	68.5	64.4	61.0	55.7	50.1	43.7	37.5
50°	84.3	84.3	82.6	79.7	75.7	72.3	68.0	62.2	55.3	47.9	41.1
47.5°	93.8	93.7	91.7	87.9	83.3	80.7	75.9	69.1	60.7	52.7	44.7
45°	104.6	103.9	101.5	97.2	93.1	90.3	84.5	76.3	67.2	57.7	48.4
42.5°	116.6	115.3	112.0	107.0	103.3	100.9	93.5	84.4	73.8	62.6	52.4
40°	130.6	127.9	123.3	120.8	119.0	112.4	103.8	92.9	80.6	67.9	56.7
37.5°	146.2	142.1	136.0	137.9	134.3	126.1	115.0	101.8	87.7	73.9	60.9
35°	164.3	158.1	158.2	157.9	151.7	140.8	126.6	111.3	95.6	79.8	65.1
32.5°	184.2	182.6	185.4	180.8	170.9	156.3	139.7	121.8	103.6	85.7	69.2
30°	212.4	219.1	216.2	206.0	192.0	174.1	153.8	132.6	111.7	91.6	73.4
27.5°	261.0	260.8	250.9	235.1	215.6	193.1	168.0	143.6	119.7	97.7	78.2
25°	315.9	308.0	291.0	267.2	240.8	212.0	182.5	154.7	128.5	104.4	82.8
22.5°	378.6	359.6	334.4	301.3	265.6	231.4	197.9	166.9	137.6	110.8	87.3
20°	446.4	414.5	379.9	334.8	292.4	252.6	214.2	179.0	146.6	117.2	91.5
17.5°	519.0	471.1	423.3	371.1	320.5	274.0	230.4	190.8	155.4	123.3	95.6
15°	589.4	527.8	467.9	407.6	348.8	295.3	246.5	202.4	163.9	129.1	98.8
12.5°	658.8	585.2	513.2	443.9	376.8	316.3	262.2	213.5	172.1	133.3	100.9
10°	728.0	642.6	558.4	479.6	404.3	336.8	277.3	222.2	175.9	136.0	102.7
7.5°	796.2	699.2	602.8	514.2	427.9	350.2	283.8	226.2	178.4	138.1	104.0
5°	851.8	736.1	623.0	524.4	434.6	355.5	287.8	229.2	180.2	139.8	105.0
2.5°	859.3	742.1	626.0	528.5	439.0	359.2	290.4	231.4	181.2	140.9	105.6
0°	862.2	744.1	625.6	529.7	441.2	361.1	291.7	232.5	181.4	141.4	105.9
-2.5°	859.3	742.1	626.0	528.5	439.0	359.2	290.4	231.4	181.2	140.9	105.6
-5°	851.8	736.1	623.0	524.4	434.6	355.5	287.8	229.2	180.2	139.8	105.0
-7.5°	796.2	699.2	602.8	514.2	427.9	350.2	283.8	226.2	178.4	138.1	104.0
-10°	728.0	642.6	558.4	479.6	404.3	336.8	277.3	222.2	175.9	136.0	102.7
-12.5°	658.8	585.2	513.2	443.9	376.8	316.3	262.2	213.5	172.1	133.3	100.9
-15°	589.4	527.8	467.9	407.6	348.8	295.3	246.5	202.4	163.9	129.1	98.8
-17.5°	519.0	471.1	423.3	371.1	320.5	274.0	230.4	190.8	155.4	123.3	95.6
-20°	446.4	414.5	379.9	334.8	292.4	252.6	214.2	179.0	146.6	117.2	91.5



REPORT NUMBER: P558478 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	378.6	359.6	334.4	301.3	265.6	231.4	197.9	166.9	137.6	110.8	87.3
-25°	315.9	308.0	291.0	267.2	240.8	212.0	182.5	154.7	128.5	104.4	82.8
-27.5°	261.0	260.8	250.9	235.1	215.6	193.1	168.0	143.6	119.7	97.7	78.2
-30°	212.4	219.1	216.2	206.0	192.0	174.1	153.8	132.6	111.7	91.6	73.4
-32.5°	184.2	182.6	185.4	180.8	170.9	156.3	139.7	121.8	103.6	85.7	69.2
-35°	164.3	158.1	158.2	157.9	151.7	140.8	126.6	111.3	95.6	79.8	65.1
-37.5°	146.2	142.1	136.0	137.9	134.3	126.1	115.0	101.8	87.7	73.9	60.9
-40°	130.6	127.9	123.3	120.8	119.0	112.4	103.8	92.9	80.6	67.9	56.7
-42.5°	116.6	115.3	112.0	107.0	105.3	100.9	93.5	84.4	73.8	62.6	52.4
-45°	104.6	103.9	101.5	97.2	93.1	90.3	84.5	76.3	67.2	57.7	48.4
-47.5°	93.8	93.7	91.7	87.9	83.3	80.7	75.9	69.1	60.7	52.7	44.7
-50°	84.3	84.3	82.6	79.7	75.7	72.3	68.0	62.2	55.3	47.9	41.1
-52.5°	76.6	75.7	74.5	72.1	68.5	64.4	61.0	55.7	50.1	43.7	37.5
-55°	69.3	68.1	67.0	64.9	61.6	57.8	54.4	50.2	44.9	39.6	33.9
-57.5°	62.5	61.2	60.0	57.9	55.2	51.8	48.5	44.8	40.4	35.6	30.7
-60°	55.9	54.7	53.2	51.5	49.1	46.1	43.1	39.7	36.0	31.7	27.5
-62.5°	49.5	48.4	47.0	45.4	43.3	40.9	37.9	35.0	31.6	28.2	24.3
-65°	43.5	42.5	41.0	39.8	38.0	35.7	33.0	30.4	27.7	24.7	21.2
-67.5°	37.7	36.8	35.7	34.4	32.8	30.8	28.3	26.3	24.0	21.2	18.5
-70°	32.2	31.4	30.5	29.3	27.8	26.0	24.3	22.5	20.4	18.2	15.8
-72.5°	26.9	26.3	25.4	24.4	23.2	21.9	20.4	18.8	17.2	15.3	13.1
-75°	21.7	21.3	20.7	19.9	18.9	17.8	16.7	15.4	14.0	12.3	10.6
-77.5°	17.0	16.6	16.1	15.5	14.8	14.0	13.1	12.1	10.9	9.6	8.2
-80°	12.6	12.4	12.0	11.4	10.9	10.3	9.7	8.9	8.0	6.9	5.8
-82.5°	8.7	8.4	8.1	7.8	7.4	7.0	6.5	5.8	5.1	4.3	3.8
-85°	5.3	5.0	4.8	4.5	4.2	3.8	3.6	3.3	3.1	2.8	2.5
-87.5°	2.3	2.3	2.2	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3
-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°	1.1	1.0	0.8	0.7	0.5	0.2	0.0
85°	2.2	2.0	1.7	1.3	0.9	0.5	0.0
82.5°	3.3	3.0	2.5	2.0	1.4	0.7	0.0
80°	4.6	3.9	3.3	2.6	1.8	0.9	0.0
77.5°	6.7	5.2	4.2	3.3	2.3	1.1	0.0
75°	8.8	7.1	5.1	3.9	2.7	1.4	0.0
72.5°	10.9	8.9	6.6	4.6	3.2	1.6	0.0
70°	13.1	10.7	8.1	5.3	3.6	1.8	0.0
67.5°	15.6	12.5	9.6	6.5	4.1	2.0	0.0
65°	18.0	14.4	11.0	7.6	4.5	2.2	0.0
62.5°	20.4	16.5	12.5	8.7	4.9	2.4	0.0
60°	22.9	18.6	13.9	9.8	5.3	2.6	0.0
57.5°	25.6	20.7	15.6	10.9	6.0	2.8	0.0
55°	28.4	22.7	17.3	11.9	6.7	3.0	0.0
52.5°	31.2	24.8	18.9	12.9	7.4	3.2	0.0
50°	33.8	27.1	20.5	13.9	8.0	3.4	0.0
47.5°	36.6	29.3	22.1	15.0	8.7	3.6	0.0
45°	39.7	31.5	23.7	16.1	9.3	3.7	0.0
42.5°	42.9	33.6	25.2	17.2	9.9	3.9	0.0
40°	45.9	35.6	26.7	18.3	10.5	4.1	0.0
37.5°	49.0	37.6	28.3	19.3	11.0	4.2	0.0
35°	52.0	39.9	29.8	20.2	11.5	4.3	0.0
32.5°	55.1	42.3	31.3	21.0	12.0	4.5	0.0
30°	58.4	44.5	32.6	21.8	12.5	4.6	0.0
27.5°	61.6	46.7	33.8	22.6	12.9	4.7	0.0
25°	64.6	48.9	34.9	23.2	13.3	4.8	0.0
22.5°	67.6	50.7	35.8	23.8	13.7	4.9	0.0
20°	70.3	52.2	36.7	24.3	14.0	5.0	0.0
17.5°	72.4	53.4	37.6	24.8	14.3	5.1	0.0
15°	74.0	54.5	38.3	25.2	14.6	5.1	0.0
12.5°	75.3	55.4	38.9	25.5	14.8	5.2	0.0
10°	76.4	56.2	39.5	25.8	15.0	5.2	0.0
7.5°	77.3	56.7	39.9	26.0	15.1	5.3	0.0
5°	78.0	57.1	40.2	26.1	15.3	5.3	0.0
2.5°	78.4	57.3	40.5	26.2	15.4	5.3	0.0
0°	78.5	57.4	40.6	26.2	15.4	5.3	0.0
-2.5°	78.4	57.3	40.5	26.2	15.4	5.3	0.0
-5°	78.0	57.1	40.2	26.1	15.3	5.3	0.0
-7.5°	77.3	56.7	39.9	26.0	15.1	5.3	0.0
-10°	76.4	56.2	39.5	25.8	15.0	5.2	0.0
-12.5°	75.3	55.4	38.9	25.5	14.8	5.2	0.0
-15°	74.0	54.5	38.3	25.2	14.6	5.1	0.0
-17.5°	72.4	53.4	37.6	24.8	14.3	5.1	0.0
-20°	70.3	52.2	36.7	24.3	14.0	5.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	67.6	50.7	35.8	23.8	13.7	4.9	0.0
-25°	64.6	48.9	34.9	23.2	13.3	4.8	0.0
-27.5°	61.6	46.7	33.8	22.6	12.9	4.7	0.0
-30°	58.4	44.5	32.6	21.8	12.5	4.6	0.0
-32.5°	55.1	42.3	31.3	21.0	12.0	4.5	0.0
-35°	52.0	39.9	29.8	20.2	11.5	4.3	0.0
-37.5°	49.0	37.6	28.3	19.3	11.0	4.2	0.0
-40°	45.9	35.6	26.7	18.3	10.5	4.1	0.0
-42.5°	42.9	33.6	25.2	17.2	9.9	3.9	0.0
-45°	39.7	31.5	23.7	16.1	9.3	3.7	0.0
-47.5°	36.6	29.3	22.1	15.0	8.7	3.6	0.0
-50°	33.8	27.1	20.5	13.9	8.0	3.4	0.0
-52.5°	31.2	24.8	18.9	12.9	7.4	3.2	0.0
-55°	28.4	22.7	17.3	11.9	6.7	3.0	0.0
-57.5°	25.6	20.7	15.6	10.9	6.0	2.8	0.0
-60°	22.9	18.6	13.9	9.8	5.3	2.6	0.0
-62.5°	20.4	16.5	12.5	8.7	4.9	2.4	0.0
-65°	18.0	14.4	11.0	7.6	4.5	2.2	0.0
-67.5°	15.6	12.5	9.6	6.5	4.1	2.0	0.0
-70°	13.1	10.7	8.1	5.3	3.6	1.8	0.0
-72.5°	10.9	8.9	6.6	4.6	3.2	1.6	0.0
-75°	8.8	7.1	5.1	3.9	2.7	1.4	0.0
-77.5°	6.7	5.2	4.2	3.3	2.3	1.1	0.0
-80°	4.6	3.9	3.3	2.6	1.8	0.9	0.0
-82.5°	3.3	3.0	2.5	2.0	1.4	0.7	0.0
-85°	2.2	2.0	1.7	1.3	0.9	0.5	0.0
-87.5°	1.1	1.0	0.8	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)