

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: P558670 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-935-U-NAT-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558670 (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-SA2C-935-U-NAT-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4  
Light Source: (32) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

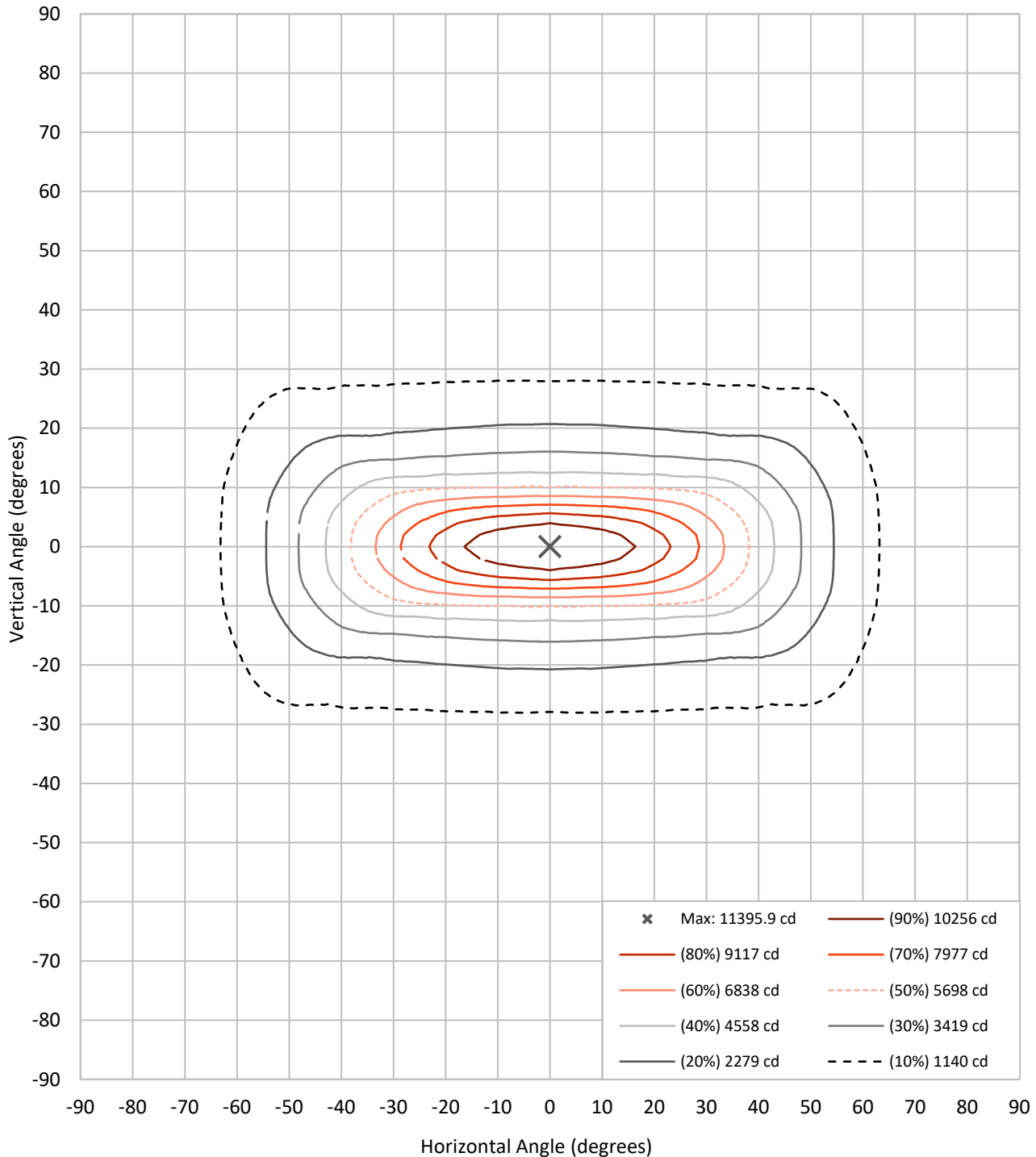
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	8161.5 lumens	Max Intensity:	11395.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	98.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	3265.4 lumens	Field Lumens:	6689.2 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 83  
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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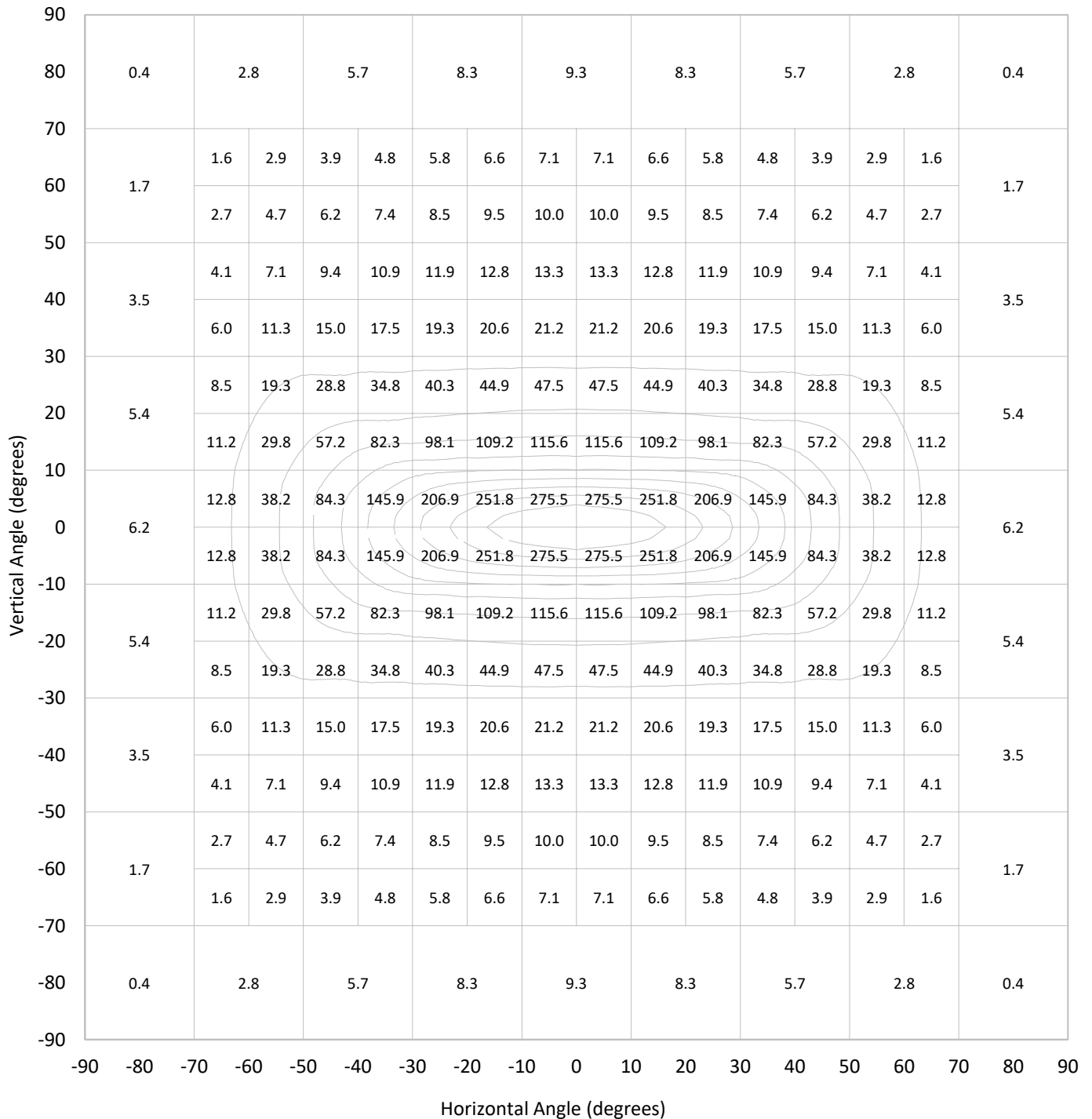
### Iso-Candela Plot





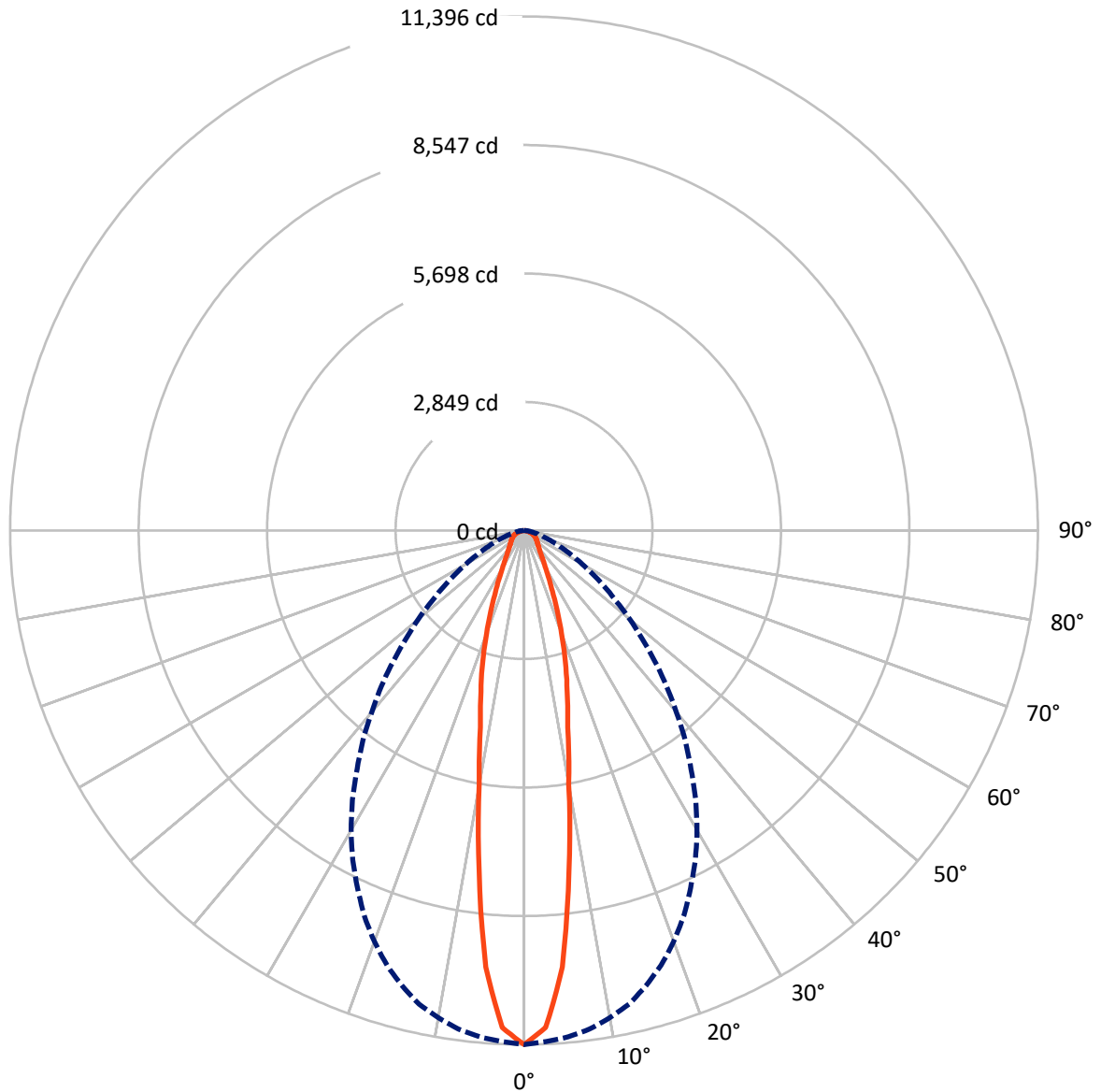
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### Lumen Table



REPORT NUMBER: P558670 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2C-935-U-NAT-XX

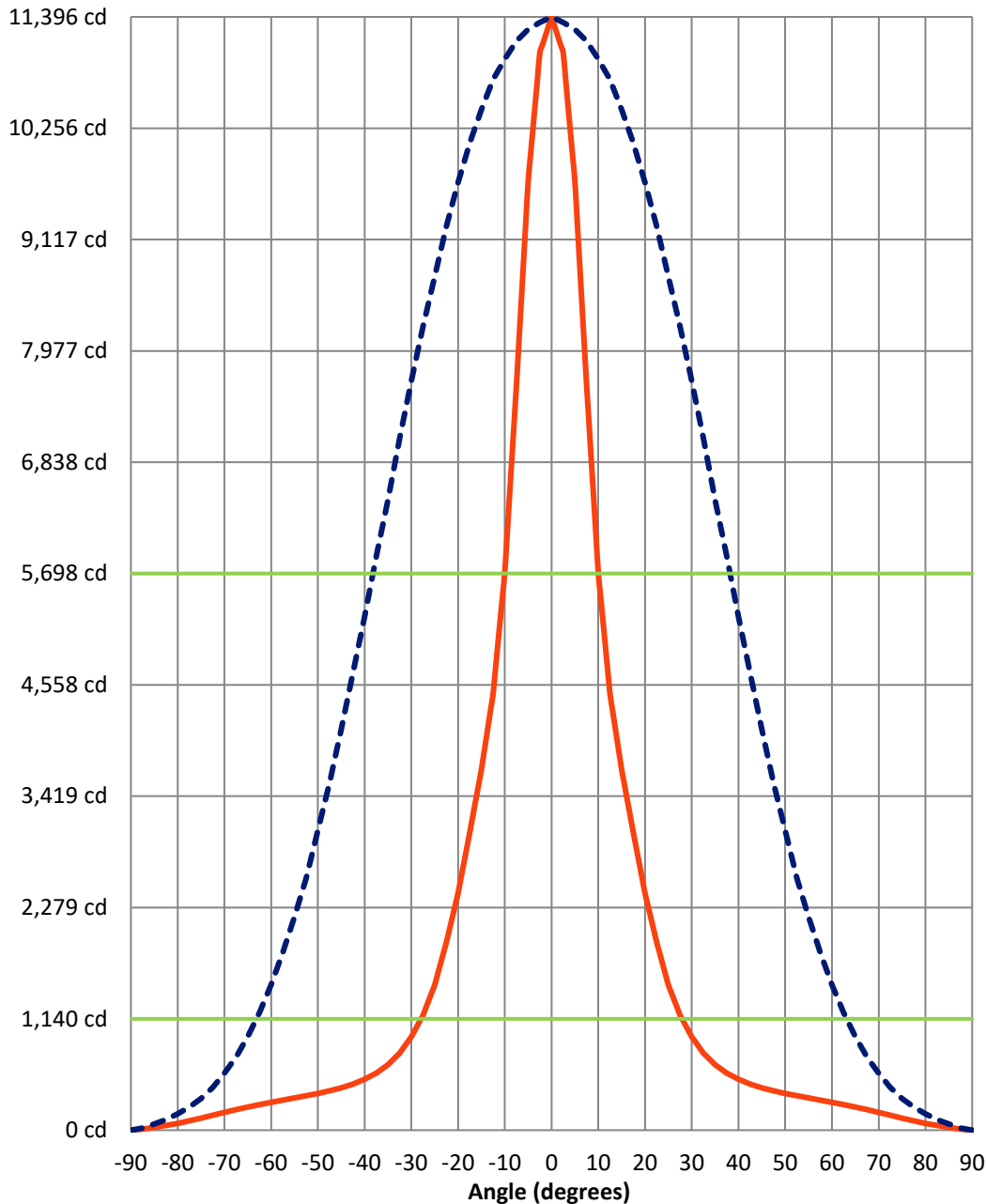
### Luminous Intensity Polar Plot



— 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: 3265.4  
 Efficiency: 40.0%

**Field:**  
 H Angle: 126.3°  
 V Angle: 55.8°  
 Lumens: 6689.2  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 1472.3  
 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	0.9	1.9	2.7	3.4	4.0	4.6	5.2	5.7	6.2	6.7
85°	0.0	1.9	3.8	5.4	6.8	8.1	9.1	10.3	11.5	12.5	13.4
82.5°	0.0	2.8	5.7	8.1	10.2	12.1	13.7	15.5	17.5	20.9	23.9
80°	0.0	3.8	7.5	10.8	13.6	16.1	18.7	23.8	28.5	32.8	36.6
77.5°	0.0	4.7	9.4	13.4	17.0	21.4	27.5	33.7	39.4	44.6	49.6
75°	0.0	5.6	11.2	16.1	20.9	28.9	36.3	43.5	50.4	57.4	63.4
72.5°	0.0	6.5	13.0	18.7	27.1	36.5	45.0	53.7	62.8	70.6	77.3
70°	0.0	7.4	14.8	21.8	33.3	44.0	53.9	65.0	75.1	83.9	92.6
67.5°	0.0	8.3	16.6	26.5	39.4	51.4	64.1	76.3	87.6	99.0	108.3
65°	0.0	9.2	18.3	31.1	45.5	59.4	74.2	87.6	101.9	114.3	125.2
62.5°	0.0	10.0	20.0	35.7	51.4	68.1	84.3	100.2	116.2	130.2	144.4
60°	0.0	10.8	21.7	40.2	57.3	76.8	94.3	113.3	130.6	148.2	163.8
57.5°	0.0	11.7	24.6	44.7	64.3	85.3	105.7	126.5	146.8	166.3	184.7
55°	0.0	12.4	27.5	49.0	71.2	93.7	117.1	139.6	163.3	185.1	206.8
52.5°	0.0	13.2	30.3	53.2	77.9	102.2	128.3	154.2	179.8	206.4	229.5
50°	0.0	13.9	33.1	57.4	84.6	111.6	139.4	169.2	197.3	228.0	256.5
47.5°	0.0	14.7	35.7	61.6	91.1	120.7	150.6	184.2	217.2	250.0	284.9
45°	0.0	15.3	38.3	66.4	97.5	129.6	163.6	199.3	237.6	276.8	314.3
42.5°	0.0	16.0	40.7	71.0	103.6	138.3	176.5	216.0	257.9	304.3	347.8
40°	0.0	16.6	43.1	75.4	110.0	146.8	189.3	233.6	279.7	332.3	383.1
37.5°	0.0	17.2	45.3	79.4	116.5	155.0	201.9	251.0	304.4	361.6	419.5
35°	0.0	17.8	47.5	83.2	122.7	164.3	214.3	268.2	329.0	394.1	458.9
32.5°	0.0	18.3	49.5	86.7	128.7	174.1	227.1	285.1	353.4	427.0	502.4
30°	0.0	18.8	51.4	89.9	134.4	183.5	240.7	302.5	377.6	460.2	546.8
27.5°	0.0	19.2	53.2	92.9	139.2	192.6	253.8	322.1	402.8	493.6	592.0
25°	0.0	19.7	54.8	95.6	143.5	201.3	266.4	341.2	430.1	529.9	637.8
22.5°	0.0	20.0	56.4	98.1	147.6	209.1	278.5	359.7	456.8	567.4	688.0
20°	0.0	20.4	57.8	100.3	151.3	215.0	290.0	377.3	482.9	604.4	737.7
17.5°	0.0	20.7	59.0	102.2	154.7	220.2	298.6	394.1	508.1	640.5	786.6
15°	0.0	21.0	60.1	103.8	157.7	224.7	305.1	407.4	532.2	675.5	834.2
12.5°	0.0	21.2	61.1	105.2	160.3	228.5	310.6	416.0	549.4	709.1	880.2
10°	0.0	21.4	61.9	106.2	162.5	231.5	315.1	423.1	560.5	724.9	916.1
7.5°	0.0	21.5	62.5	107.1	164.3	233.8	318.7	428.7	569.4	735.4	932.3
5°	0.0	21.6	63.1	107.6	165.7	235.4	321.4	432.9	576.1	742.6	944.9
2.5°	0.0	21.7	63.4	107.9	166.7	236.4	323.0	435.5	580.6	746.6	953.6
0°	0.0	21.7	63.6	107.9	167.2	236.6	323.6	436.5	582.8	747.6	958.3
-2.5°	0.0	21.7	63.4	107.9	166.7	236.4	323.0	435.5	580.6	746.6	953.6
-5°	0.0	21.6	63.1	107.6	165.7	235.4	321.4	432.9	576.1	742.6	944.9
-7.5°	0.0	21.5	62.5	107.1	164.3	233.8	318.7	428.7	569.4	735.4	932.3
-10°	0.0	21.4	61.9	106.2	162.5	231.5	315.1	423.1	560.5	724.9	916.1
-12.5°	0.0	21.2	61.1	105.2	160.3	228.5	310.6	416.0	549.4	709.1	880.2
-15°	0.0	21.0	60.1	103.8	157.7	224.7	305.1	407.4	532.2	675.5	834.2
-17.5°	0.0	20.7	59.0	102.2	154.7	220.2	298.6	394.1	508.1	640.5	786.6
-20°	0.0	20.4	57.8	100.3	151.3	215.0	290.0	377.3	482.9	604.4	737.7



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 CATALOG NUMBER: GFLD-SA2C-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	20.0	56.4	98.1	147.6	209.1	278.5	359.7	456.8	567.4	688.0
-25°	0.0	19.7	54.8	95.6	143.5	201.3	266.4	341.2	430.1	529.9	637.8
-27.5°	0.0	19.2	53.2	92.9	139.2	192.6	253.8	322.1	402.8	493.6	592.0
-30°	0.0	18.8	51.4	89.9	134.4	183.5	240.7	302.5	377.6	460.2	546.8
-32.5°	0.0	18.3	49.5	86.7	128.7	174.1	227.1	285.1	353.4	427.0	502.4
-35°	0.0	17.8	47.5	83.2	122.7	164.3	214.3	268.2	329.0	394.1	458.9
-37.5°	0.0	17.2	45.3	79.4	116.5	155.0	201.9	251.0	304.4	361.6	419.5
-40°	0.0	16.6	43.1	75.4	110.0	146.8	189.3	233.6	279.7	332.3	383.1
-42.5°	0.0	16.0	40.7	71.0	103.6	138.3	176.5	216.0	257.9	304.3	347.8
-45°	0.0	15.3	38.3	66.4	97.5	129.6	163.6	199.3	237.6	276.8	314.3
-47.5°	0.0	14.7	35.7	61.6	91.1	120.7	150.6	184.2	217.2	250.0	284.9
-50°	0.0	13.9	33.1	57.4	84.6	111.6	139.4	169.2	197.3	228.0	256.5
-52.5°	0.0	13.2	30.3	53.2	77.9	102.2	128.3	154.2	179.8	206.4	229.5
-55°	0.0	12.4	27.5	49.0	71.2	93.7	117.1	139.6	163.3	185.1	206.8
-57.5°	0.0	11.7	24.6	44.7	64.3	85.3	105.7	126.5	146.8	166.3	184.7
-60°	0.0	10.8	21.7	40.2	57.3	76.8	94.3	113.3	130.6	148.2	163.8
-62.5°	0.0	10.0	20.0	35.7	51.4	68.1	84.3	100.2	116.2	130.2	144.4
-65°	0.0	9.2	18.3	31.1	45.5	59.4	74.2	87.6	101.9	114.3	125.2
-67.5°	0.0	8.3	16.6	26.5	39.4	51.4	64.1	76.3	87.6	99.0	108.3
-70°	0.0	7.4	14.8	21.8	33.3	44.0	53.9	65.0	75.1	83.9	92.6
-72.5°	0.0	6.5	13.0	18.7	27.1	36.5	45.0	53.7	62.8	70.6	77.3
-75°	0.0	5.6	11.2	16.1	20.9	28.9	36.3	43.5	50.4	57.4	63.4
-77.5°	0.0	4.7	9.4	13.4	17.0	21.4	27.5	33.7	39.4	44.6	49.6
-80°	0.0	3.8	7.5	10.8	13.6	16.1	18.7	23.8	28.5	32.8	36.6
-82.5°	0.0	2.8	5.7	8.1	10.2	12.1	13.7	15.5	17.5	20.9	23.9
-85°	0.0	1.9	3.8	5.4	6.8	8.1	9.1	10.3	11.5	12.5	13.4
-87.5°	0.0	0.9	1.9	2.7	3.4	4.0	4.6	5.2	5.7	6.2	6.7
-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: P558670 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	7.2	7.7	8.2	8.7	9.1	9.4	9.7	10.0	10.5	10.9	11.3
85°	14.5	15.5	17.2	18.5	19.8	20.9	21.8	22.5	23.3	24.0	24.5
82.5°	26.6	28.9	30.7	32.0	33.5	34.9	36.0	37.0	38.0	39.0	39.8
80°	39.8	42.3	44.9	47.2	49.4	51.1	52.1	52.6	53.9	55.6	57.3
77.5°	53.9	57.8	61.2	64.1	66.4	68.5	70.0	71.0	73.1	75.5	77.6
75°	68.6	73.3	78.0	82.1	85.3	87.7	89.5	91.0	93.5	96.7	99.4
72.5°	83.9	90.2	95.7	100.5	104.9	108.2	110.7	112.4	114.9	118.6	121.6
70°	100.0	107.2	114.7	120.9	125.5	129.5	132.7	135.0	137.3	141.1	143.9
67.5°	116.7	127.0	135.3	141.8	147.0	151.8	155.5	157.9	158.9	162.8	166.0
65°	136.3	147.3	156.6	163.9	169.1	175.1	179.2	181.2	181.8	186.0	189.9
62.5°	156.3	168.5	178.7	187.1	193.8	199.5	204.0	206.6	207.0	210.1	214.7
60°	177.6	190.1	202.2	212.3	219.6	225.3	230.3	233.1	233.6	234.8	240.1
57.5°	199.9	213.3	227.5	238.9	247.2	252.0	257.5	260.5	261.7	261.0	266.3
55°	224.1	238.1	254.0	267.2	276.2	280.6	285.7	290.1	291.5	290.6	293.8
52.5°	251.5	265.4	282.5	297.0	307.0	312.3	315.9	321.1	323.5	322.5	321.8
50°	280.3	297.8	311.9	328.5	340.6	347.5	347.6	354.2	357.3	356.3	352.0
47.5°	312.9	332.7	343.4	362.4	378.1	386.2	386.8	389.4	393.3	394.3	390.6
45°	348.1	372.3	383.7	400.7	418.3	428.3	431.3	426.7	433.6	435.8	433.5
42.5°	385.2	416.1	434.1	441.0	461.5	475.4	480.7	477.5	477.1	481.9	481.9
40°	428.1	463.5	490.6	497.8	508.2	527.3	538.6	538.0	525.3	534.3	536.6
37.5°	473.9	520.0	553.5	568.4	560.5	586.0	602.6	609.3	601.4	592.5	602.6
35°	522.2	580.3	625.5	650.9	652.1	651.5	677.4	691.3	692.3	676.0	679.7
32.5°	576.1	644.4	704.3	745.4	764.1	752.6	759.3	788.5	802.8	796.6	773.2
30°	634.1	717.8	791.3	849.3	891.1	903.4	875.6	898.4	930.0	942.6	932.5
27.5°	692.7	795.8	888.9	969.4	1034.1	1075.1	1076.1	1040.9	1076.8	1107.3	1119.1
25°	752.2	873.7	992.4	1101.5	1199.4	1269.9	1302.4	1306.1	1255.8	1301.5	1344.1
22.5°	815.7	953.9	1094.8	1242.3	1378.6	1482.1	1560.8	1608.1	1606.6	1558.6	1596.1
20°	882.8	1041.3	1205.3	1380.2	1566.2	1708.5	1840.3	1941.0	2001.7	2021.9	1982.6
17.5°	949.8	1129.4	1321.3	1529.6	1744.8	1942.1	2139.5	2300.4	2427.9	2532.4	2569.9
15°	1016.0	1217.3	1437.8	1680.0	1928.8	2175.6	2429.5	2675.9	2892.7	3084.1	3197.6
12.5°	1080.7	1304.0	1553.4	1829.7	2115.2	2412.4	2715.4	3015.5	3327.9	3637.9	3873.5
10°	1143.0	1388.4	1666.5	1976.8	2301.5	2649.1	3000.7	3356.9	3736.3	4102.0	4454.0
7.5°	1169.7	1443.6	1764.0	2119.3	2484.7	2882.1	3281.7	3695.2	4138.6	4565.2	4995.1
5°	1186.2	1465.6	1791.4	2161.6	2568.0	3034.2	3511.0	4023.1	4529.1	5020.3	5526.9
2.5°	1197.1	1480.6	1809.7	2178.3	2580.5	3059.1	3541.9	4073.7	4641.4	5209.4	5812.5
0°	1202.5	1488.5	1818.8	2183.4	2578.9	3067.2	3553.9	4102.5	4677.8	5255.6	5872.7
-2.5°	1197.1	1480.6	1809.7	2178.3	2580.5	3059.1	3541.9	4073.7	4641.4	5209.4	5812.5
-5°	1186.2	1465.6	1791.4	2161.6	2568.0	3034.2	3511.0	4023.1	4529.1	5020.3	5526.9
-7.5°	1169.7	1443.6	1764.0	2119.3	2484.7	2882.1	3281.7	3695.2	4138.6	4565.2	4995.1
-10°	1143.0	1388.4	1666.5	1976.8	2301.5	2649.1	3000.7	3356.9	3736.3	4102.0	4454.0
-12.5°	1080.7	1304.0	1553.4	1829.7	2115.2	2412.4	2715.4	3015.5	3327.9	3637.9	3873.5
-15°	1016.0	1217.3	1437.8	1680.0	1928.8	2175.6	2429.5	2675.9	2892.7	3084.1	3197.6
-17.5°	949.8	1129.4	1321.3	1529.6	1744.8	1942.1	2139.5	2300.4	2427.9	2532.4	2569.9
-20°	882.8	1041.3	1205.3	1380.2	1566.2	1708.5	1840.3	1941.0	2001.7	2021.9	1982.6



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 CATALOG NUMBER: GFLD-SA2C-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°	815.7	953.9	1094.8	1242.3	1378.6	1482.1	1560.8	1608.1	1606.6	1558.6	1596.1
-25°	752.2	873.7	992.4	1101.5	1199.4	1269.9	1302.4	1306.1	1255.8	1301.5	1344.1
-27.5°	692.7	795.8	888.9	969.4	1034.1	1075.1	1076.1	1040.9	1076.8	1107.3	1119.1
-30°	634.1	717.8	791.3	849.3	891.1	903.4	875.6	898.4	930.0	942.6	932.5
-32.5°	576.1	644.4	704.3	745.4	764.1	752.6	759.3	788.5	802.8	796.6	773.2
-35°	522.2	580.3	625.5	650.9	652.1	651.5	677.4	691.3	692.3	676.0	679.7
-37.5°	473.9	520.0	553.5	568.4	560.5	586.0	602.6	609.3	601.4	592.5	602.6
-40°	428.1	463.5	490.6	497.8	508.2	527.3	538.6	538.0	525.3	534.3	536.6
-42.5°	385.2	416.1	434.1	441.0	461.5	475.4	480.7	477.5	477.1	481.9	481.9
-45°	348.1	372.3	383.7	400.7	418.3	428.3	431.3	426.7	433.6	435.8	433.5
-47.5°	312.9	332.7	343.4	362.4	378.1	386.2	386.8	389.4	393.3	394.3	390.6
-50°	280.3	297.8	311.9	328.5	340.6	347.5	347.6	354.2	357.3	356.3	352.0
-52.5°	251.5	265.4	282.5	297.0	307.0	312.3	315.9	321.1	323.5	322.5	321.8
-55°	224.1	238.1	254.0	267.2	276.2	280.6	285.7	290.1	291.5	290.6	293.8
-57.5°	199.9	213.3	227.5	238.9	247.2	252.0	257.5	260.5	261.7	261.0	266.3
-60°	177.6	190.1	202.2	212.3	219.6	225.3	230.3	233.1	233.6	234.8	240.1
-62.5°	156.3	168.5	178.7	187.1	193.8	199.5	204.0	206.6	207.0	210.1	214.7
-65°	136.3	147.3	156.6	163.9	169.1	175.1	179.2	181.2	181.8	186.0	189.9
-67.5°	116.7	127.0	135.3	141.8	147.0	151.8	155.5	157.9	158.9	162.8	166.0
-70°	100.0	107.2	114.7	120.9	125.5	129.5	132.7	135.0	137.3	141.1	143.9
-72.5°	83.9	90.2	95.7	100.5	104.9	108.2	110.7	112.4	114.9	118.6	121.6
-75°	68.6	73.3	78.0	82.1	85.3	87.7	89.5	91.0	93.5	96.7	99.4
-77.5°	53.9	57.8	61.2	64.1	66.4	68.5	70.0	71.0	73.1	75.5	77.6
-80°	39.8	42.3	44.9	47.2	49.4	51.1	52.1	52.6	53.9	55.6	57.3
-82.5°	26.6	28.9	30.7	32.0	33.5	34.9	36.0	37.0	38.0	39.0	39.8
-85°	14.5	15.5	17.2	18.5	19.8	20.9	21.8	22.5	23.3	24.0	24.5
-87.5°	7.2	7.7	8.2	8.7	9.1	9.4	9.7	10.0	10.5	10.9	11.3
-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: P558670 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	11.6	11.5	11.2	10.9	10.6	10.6	10.6	10.6	10.5	10.4	10.3
85°	24.9	25.3	25.8	26.2	26.7	27.1	27.5	27.8	28.0	28.0	27.9
82.5°	40.5	41.9	43.2	44.5	45.7	46.3	46.8	47.1	47.3	47.7	48.0
80°	58.8	60.8	62.6	64.2	65.4	66.4	67.1	67.7	68.2	68.6	69.0
77.5°	79.6	81.8	83.9	85.8	87.4	88.9	90.2	91.2	92.0	93.1	94.2
75°	101.7	104.2	106.8	109.2	111.3	113.4	115.6	117.6	119.4	120.9	122.0
72.5°	124.0	126.6	129.8	132.9	135.7	138.6	141.5	144.1	146.3	148.4	150.3
70°	146.0	148.5	152.7	156.7	160.4	164.0	167.5	170.7	173.4	176.1	178.6
67.5°	168.8	171.4	176.5	181.2	185.4	189.3	193.4	197.0	200.2	203.0	205.5
65°	193.0	195.3	200.9	206.0	210.4	214.1	218.5	222.5	226.0	229.2	231.8
62.5°	218.2	220.5	225.1	230.1	234.3	237.8	243.0	247.5	251.3	254.4	257.1
60°	243.6	245.6	249.2	254.7	259.4	263.2	267.8	272.2	275.8	279.0	281.8
57.5°	270.1	272.1	273.8	279.4	283.9	287.4	291.3	295.6	299.2	302.1	305.0
55°	297.5	299.0	298.5	303.6	307.8	310.6	313.6	318.1	321.7	324.3	326.9
52.5°	325.4	327.2	325.9	328.1	332.7	335.3	336.6	341.5	345.1	347.5	349.9
50°	356.5	358.0	356.8	355.6	360.1	362.8	363.5	367.5	370.8	372.6	374.3
47.5°	390.3	392.1	391.2	386.3	390.3	393.7	393.8	395.5	398.9	400.2	401.3
45°	427.0	430.5	429.7	426.3	425.8	429.2	428.9	427.6	431.5	433.3	433.8
42.5°	475.1	474.0	475.1	473.1	467.1	471.0	471.5	466.5	471.5	473.6	472.3
40°	534.1	523.3	529.2	528.4	522.7	521.8	524.9	520.9	521.6	524.7	522.3
37.5°	604.2	596.5	593.3	595.9	594.3	587.0	592.8	591.4	586.8	592.0	589.7
35°	690.5	688.2	670.9	681.4	683.7	676.8	678.7	681.8	671.8	679.6	678.8
32.5°	791.5	796.6	792.9	786.4	796.3	797.5	786.1	799.8	794.3	796.2	801.6
30°	905.8	932.1	944.9	933.5	939.6	951.8	946.2	955.7	960.3	953.2	966.6
27.5°	1105.6	1096.3	1126.9	1140.2	1125.9	1148.2	1164.4	1157.2	1180.9	1166.9	1186.9
25°	1359.4	1345.7	1353.9	1397.9	1407.7	1396.4	1442.0	1447.3	1466.1	1468.4	1482.4
22.5°	1657.6	1690.6	1686.8	1700.2	1755.5	1774.0	1790.8	1834.6	1824.6	1864.4	1871.3
20°	1991.1	2074.0	2131.2	2143.2	2166.8	2230.4	2259.5	2294.1	2317.3	2355.0	2386.8
17.5°	2555.2	2512.6	2624.8	2695.2	2732.2	2745.5	2822.0	2846.9	2904.4	2937.3	2969.9
15°	3279.4	3304.2	3253.6	3320.7	3434.1	3472.5	3428.4	3531.2	3560.1	3615.4	3625.2
12.5°	4053.5	4178.9	4240.3	4257.0	4197.7	4359.0	4423.6	4342.6	4434.6	4418.0	4493.7
10°	4792.2	5096.7	5278.9	5407.1	5485.1	5532.0	5578.7	5662.5	5664.0	5726.1	5689.8
7.5°	5398.6	5784.7	6153.5	6511.2	6797.4	6957.8	7083.7	7204.6	7365.8	7443.0	7493.2
5°	5991.9	6437.3	6878.6	7312.3	7705.0	8082.8	8453.0	8774.3	8944.5	9143.4	9320.8
2.5°	6375.7	6939.1	7502.6	8060.8	8514.5	8930.9	9316.3	9674.3	9988.3	10278.8	10524.1
0°	6450.6	7081.1	7668.9	8225.8	8736.8	9251.0	9700.1	10104.8	10446.8	10755.4	10963.6
-2.5°	6375.7	6939.1	7502.6	8060.8	8514.5	8930.9	9316.3	9674.3	9988.3	10278.8	10524.1
-5°	5991.9	6437.3	6878.6	7312.3	7705.0	8082.8	8453.0	8774.3	8944.5	9143.4	9320.8
-7.5°	5398.6	5784.7	6153.5	6511.2	6797.4	6957.8	7083.7	7204.6	7365.8	7443.0	7493.2
-10°	4792.2	5096.7	5278.9	5407.1	5485.1	5532.0	5578.7	5662.5	5664.0	5726.1	5689.8
-12.5°	4053.5	4178.9	4240.3	4257.0	4197.7	4359.0	4423.6	4342.6	4434.6	4418.0	4493.7
-15°	3279.4	3304.2	3253.6	3320.7	3434.1	3472.5	3428.4	3531.2	3560.1	3615.4	3625.2
-17.5°	2555.2	2512.6	2624.8	2695.2	2732.2	2745.5	2822.0	2846.9	2904.4	2937.3	2969.9
-20°	1991.1	2074.0	2131.2	2143.2	2166.8	2230.4	2259.5	2294.1	2317.3	2355.0	2386.8



REPORT NUMBER: P558670 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	1657.6	1690.6	1686.8	1700.2	1755.5	1774.0	1790.8	1834.6	1824.6	1864.4	1871.3
-25°	1359.4	1345.7	1353.9	1397.9	1407.7	1396.4	1442.0	1447.3	1466.1	1468.4	1482.4
-27.5°	1105.6	1096.3	1126.9	1140.2	1125.9	1148.2	1164.4	1157.2	1180.9	1166.9	1186.9
-30°	905.8	932.1	944.9	933.5	939.6	951.8	946.2	955.7	960.3	953.2	966.6
-32.5°	791.5	796.6	792.9	786.4	796.3	797.5	786.1	799.8	794.3	796.2	801.6
-35°	690.5	688.2	670.9	681.4	683.7	676.8	678.7	681.8	671.8	679.6	678.8
-37.5°	604.2	596.5	593.3	595.9	594.3	587.0	592.8	591.4	586.8	592.0	589.7
-40°	534.1	523.3	529.2	528.4	522.7	521.8	524.9	520.9	521.6	524.7	522.3
-42.5°	475.1	474.0	475.1	473.1	467.1	471.0	471.5	466.5	471.5	473.6	472.3
-45°	427.0	430.5	429.7	426.3	425.8	429.2	428.9	427.6	431.5	433.3	433.8
-47.5°	390.3	392.1	391.2	386.3	390.3	393.7	393.8	395.5	398.9	400.2	401.3
-50°	356.5	358.0	356.8	355.6	360.1	362.8	363.5	367.5	370.8	372.6	374.3
-52.5°	325.4	327.2	325.9	328.1	332.7	335.3	336.6	341.5	345.1	347.5	349.9
-55°	297.5	299.0	298.5	303.6	307.8	310.6	313.6	318.1	321.7	324.3	326.9
-57.5°	270.1	272.1	273.8	279.4	283.9	287.4	291.3	295.6	299.2	302.1	305.0
-60°	243.6	245.6	249.2	254.7	259.4	263.2	267.8	272.2	275.8	279.0	281.8
-62.5°	218.2	220.5	225.1	230.1	234.3	237.8	243.0	247.5	251.3	254.4	257.1
-65°	193.0	195.3	200.9	206.0	210.4	214.1	218.5	222.5	226.0	229.2	231.8
-67.5°	168.8	171.4	176.5	181.2	185.4	189.3	193.4	197.0	200.2	203.0	205.5
-70°	146.0	148.5	152.7	156.7	160.4	164.0	167.5	170.7	173.4	176.1	178.6
-72.5°	124.0	126.6	129.8	132.9	135.7	138.6	141.5	144.1	146.3	148.4	150.3
-75°	101.7	104.2	106.8	109.2	111.3	113.4	115.6	117.6	119.4	120.9	122.0
-77.5°	79.6	81.8	83.9	85.8	87.4	88.9	90.2	91.2	92.0	93.1	94.2
-80°	58.8	60.8	62.6	64.2	65.4	66.4	67.1	67.7	68.2	68.6	69.0
-82.5°	40.5	41.9	43.2	44.5	45.7	46.3	46.8	47.1	47.3	47.7	48.0
-85°	24.9	25.3	25.8	26.2	26.7	27.1	27.5	27.8	28.0	28.0	27.9
-87.5°	11.6	11.5	11.2	10.9	10.6	10.6	10.6	10.6	10.5	10.4	10.3
-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: P558670 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	10.1	10.0	10.4	10.9	10.4	10.0	10.1	10.3	10.4	10.5	10.6
85°	27.7	27.5	28.0	28.4	28.0	27.5	27.7	27.9	28.0	28.0	27.8
82.5°	48.2	48.3	48.4	48.5	48.4	48.3	48.2	48.0	47.7	47.3	47.1
80°	69.1	69.1	68.9	68.6	68.9	69.1	69.1	69.0	68.6	68.2	67.7
77.5°	95.1	95.7	96.1	96.2	96.1	95.7	95.1	94.2	93.1	92.0	91.2
75°	122.8	123.2	123.2	122.9	123.2	123.2	122.8	122.0	120.9	119.4	117.6
72.5°	151.8	153.1	153.3	153.0	153.3	153.1	151.8	150.3	148.4	146.3	144.1
70°	180.6	182.1	182.1	181.5	182.1	182.1	180.6	178.6	176.1	173.4	170.7
67.5°	207.5	208.9	210.0	210.7	210.0	208.9	207.5	205.5	203.0	200.2	197.0
65°	233.9	235.5	236.3	236.6	236.3	235.5	233.9	231.8	229.2	226.0	222.5
62.5°	259.1	260.6	261.4	261.7	261.4	260.6	259.1	257.1	254.4	251.3	247.5
60°	284.0	285.5	285.8	285.1	285.8	285.5	284.0	281.8	279.0	275.8	272.2
57.5°	307.3	308.9	308.9	307.7	308.9	308.9	307.3	305.0	302.1	299.2	295.6
55°	328.8	330.0	330.5	330.3	330.5	330.0	328.8	326.9	324.3	321.7	318.1
52.5°	351.7	352.6	353.0	352.9	353.0	352.6	351.7	349.9	347.5	345.1	341.5
50°	375.5	375.6	375.6	375.5	375.6	375.6	375.5	374.3	372.6	370.8	367.5
47.5°	402.7	403.0	403.1	403.1	403.1	403.0	402.7	401.3	400.2	398.9	395.5
45°	434.9	434.0	433.1	433.2	433.1	434.0	434.9	433.8	433.3	431.5	427.6
42.5°	473.5	472.5	471.4	471.6	471.4	472.5	473.5	472.3	473.6	471.5	466.5
40°	524.4	524.1	522.4	521.8	522.4	524.1	524.4	522.3	524.7	521.6	520.9
37.5°	590.1	589.2	585.3	583.7	585.3	589.2	590.1	589.7	592.0	586.8	591.4
35°	676.5	675.2	669.3	669.8	669.3	675.2	676.5	678.8	679.6	671.8	681.8
32.5°	798.9	799.3	790.5	788.5	790.5	799.3	798.9	801.6	796.2	794.3	799.8
30°	958.2	961.7	951.4	955.8	951.4	961.7	958.2	966.6	953.2	960.3	955.7
27.5°	1186.5	1193.2	1184.0	1176.6	1184.0	1193.2	1186.5	1186.9	1166.9	1180.9	1157.2
25°	1500.7	1505.6	1495.1	1486.0	1495.1	1505.6	1500.7	1482.4	1468.4	1466.1	1447.3
22.5°	1909.6	1909.3	1908.8	1923.3	1908.8	1909.3	1909.6	1871.3	1864.4	1824.6	1834.6
20°	2407.3	2395.2	2413.3	2425.0	2413.3	2395.2	2407.3	2386.8	2355.0	2317.3	2294.1
17.5°	2977.5	3000.0	3017.4	3046.3	3017.4	3000.0	2977.5	2969.9	2937.3	2904.4	2846.9
15°	3649.8	3683.9	3701.2	3691.9	3701.2	3683.9	3649.8	3625.2	3615.4	3560.1	3531.2
12.5°	4496.3	4537.0	4507.0	4469.6	4507.0	4537.0	4496.3	4493.7	4418.0	4434.6	4342.6
10°	5690.3	5778.0	5782.9	5709.7	5782.9	5778.0	5690.3	5689.8	5726.1	5664.0	5662.5
7.5°	7522.3	7564.9	7629.7	7633.0	7629.7	7564.9	7522.3	7493.2	7443.0	7365.8	7204.6
5°	9401.2	9514.6	9587.8	9714.3	9587.8	9514.6	9401.2	9320.8	9143.4	8944.5	8774.3
2.5°	10682.5	10829.2	10885.5	11028.8	10885.5	10829.2	10682.5	10524.1	10278.8	9988.3	9674.3
0°	11149.2	11268.0	11339.1	11395.9	11339.1	11268.0	11149.2	10963.6	10755.4	10446.8	10104.8
-2.5°	10682.5	10829.2	10885.5	11028.8	10885.5	10829.2	10682.5	10524.1	10278.8	9988.3	9674.3
-5°	9401.2	9514.6	9587.8	9714.3	9587.8	9514.6	9401.2	9320.8	9143.4	8944.5	8774.3
-7.5°	7522.3	7564.9	7629.7	7633.0	7629.7	7564.9	7522.3	7493.2	7443.0	7365.8	7204.6
-10°	5690.3	5778.0	5782.9	5709.7	5782.9	5778.0	5690.3	5689.8	5726.1	5664.0	5662.5
-12.5°	4496.3	4537.0	4507.0	4469.6	4507.0	4537.0	4496.3	4493.7	4418.0	4434.6	4342.6
-15°	3649.8	3683.9	3701.2	3691.9	3701.2	3683.9	3649.8	3625.2	3615.4	3560.1	3531.2
-17.5°	2977.5	3000.0	3017.4	3046.3	3017.4	3000.0	2977.5	2969.9	2937.3	2904.4	2846.9
-20°	2407.3	2395.2	2413.3	2425.0	2413.3	2395.2	2407.3	2386.8	2355.0	2317.3	2294.1



REPORT NUMBER: P558670 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	1909.6	1909.3	1908.8	1923.3	1908.8	1909.3	1909.6	1871.3	1864.4	1824.6	1834.6
-25°	1500.7	1505.6	1495.1	1486.0	1495.1	1505.6	1500.7	1482.4	1468.4	1466.1	1447.3
-27.5°	1186.5	1193.2	1184.0	1176.6	1184.0	1193.2	1186.5	1186.9	1166.9	1180.9	1157.2
-30°	958.2	961.7	951.4	955.8	951.4	961.7	958.2	966.6	953.2	960.3	955.7
-32.5°	798.9	799.3	790.5	788.5	790.5	799.3	798.9	801.6	796.2	794.3	799.8
-35°	676.5	675.2	669.3	669.8	669.3	675.2	676.5	678.8	679.6	671.8	681.8
-37.5°	590.1	589.2	585.3	583.7	585.3	589.2	590.1	589.7	592.0	586.8	591.4
-40°	524.4	524.1	522.4	521.8	522.4	524.1	524.4	522.3	524.7	521.6	520.9
-42.5°	473.5	472.5	471.4	471.6	471.4	472.5	473.5	472.3	473.6	471.5	466.5
-45°	434.9	434.0	433.1	433.2	433.1	434.0	434.9	433.8	433.3	431.5	427.6
-47.5°	402.7	403.0	403.1	403.1	403.1	403.0	402.7	401.3	400.2	398.9	395.5
-50°	375.5	375.6	375.6	375.5	375.6	375.6	375.5	374.3	372.6	370.8	367.5
-52.5°	351.7	352.6	353.0	352.9	353.0	352.6	351.7	349.9	347.5	345.1	341.5
-55°	328.8	330.0	330.5	330.3	330.5	330.0	328.8	326.9	324.3	321.7	318.1
-57.5°	307.3	308.9	308.9	307.7	308.9	308.9	307.3	305.0	302.1	299.2	295.6
-60°	284.0	285.5	285.8	285.1	285.8	285.5	284.0	281.8	279.0	275.8	272.2
-62.5°	259.1	260.6	261.4	261.7	261.4	260.6	259.1	257.1	254.4	251.3	247.5
-65°	233.9	235.5	236.3	236.6	236.3	235.5	233.9	231.8	229.2	226.0	222.5
-67.5°	207.5	208.9	210.0	210.7	210.0	208.9	207.5	205.5	203.0	200.2	197.0
-70°	180.6	182.1	182.1	181.5	182.1	182.1	180.6	178.6	176.1	173.4	170.7
-72.5°	151.8	153.1	153.3	153.0	153.3	153.1	151.8	150.3	148.4	146.3	144.1
-75°	122.8	123.2	123.2	122.9	123.2	123.2	122.8	122.0	120.9	119.4	117.6
-77.5°	95.1	95.7	96.1	96.2	96.1	95.7	95.1	94.2	93.1	92.0	91.2
-80°	69.1	69.1	68.9	68.6	68.9	69.1	69.1	69.0	68.6	68.2	67.7
-82.5°	48.2	48.3	48.4	48.5	48.4	48.3	48.2	48.0	47.7	47.3	47.1
-85°	27.7	27.5	28.0	28.4	28.0	27.5	27.7	27.9	28.0	28.0	27.8
-87.5°	10.1	10.0	10.4	10.9	10.4	10.0	10.1	10.3	10.4	10.5	10.6
-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: P558670 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	10.6	10.6	10.6	10.9	11.2	11.5	11.6	11.3	10.9	10.5	10.0
85°	27.5	27.1	26.7	26.2	25.8	25.3	24.9	24.5	24.0	23.3	22.5
82.5°	46.8	46.3	45.7	44.5	43.2	41.9	40.5	39.8	39.0	38.0	37.0
80°	67.1	66.4	65.4	64.2	62.6	60.8	58.8	57.3	55.6	53.9	52.6
77.5°	90.2	88.9	87.4	85.8	83.9	81.8	79.6	77.6	75.5	73.1	71.0
75°	115.6	113.4	111.3	109.2	106.8	104.2	101.7	99.4	96.7	93.5	91.0
72.5°	141.5	138.6	135.7	132.9	129.8	126.6	124.0	121.6	118.6	114.9	112.4
70°	167.5	164.0	160.4	156.7	152.7	148.5	146.0	143.9	141.1	137.3	135.0
67.5°	193.4	189.3	185.4	181.2	176.5	171.4	168.8	166.0	162.8	158.9	157.9
65°	218.5	214.1	210.4	206.0	200.9	195.3	193.0	189.9	186.0	181.8	181.2
62.5°	243.0	237.8	234.3	230.1	225.1	220.5	218.2	214.7	210.1	207.0	206.6
60°	267.8	263.2	259.4	254.7	249.2	245.6	243.6	240.1	234.8	233.6	233.1
57.5°	291.3	287.4	283.9	279.4	273.8	272.1	270.1	266.3	261.0	261.7	260.5
55°	313.6	310.6	307.8	303.6	298.5	299.0	297.5	293.8	290.6	291.5	290.1
52.5°	336.6	335.3	332.7	328.1	325.9	327.2	325.4	321.8	322.5	323.5	321.1
50°	363.5	362.8	360.1	355.6	356.8	358.0	356.5	352.0	356.3	357.3	354.2
47.5°	393.8	393.7	390.3	386.3	391.2	392.1	390.3	390.6	394.3	393.3	389.4
45°	428.9	429.2	425.8	426.3	429.7	430.5	427.0	433.5	435.8	433.6	426.7
42.5°	471.5	471.0	467.1	473.1	475.1	474.0	475.1	481.9	481.9	477.1	477.5
40°	524.9	521.8	522.7	528.4	529.2	523.3	534.1	536.6	534.3	525.3	538.0
37.5°	592.8	587.0	594.3	595.9	593.3	596.5	604.2	602.6	592.5	601.4	609.3
35°	678.7	676.8	683.7	681.4	670.9	688.2	690.5	679.7	676.0	692.3	691.3
32.5°	786.1	797.5	796.3	786.4	792.9	796.6	791.5	773.2	796.6	802.8	788.5
30°	946.2	951.8	939.6	933.5	944.9	932.1	905.8	932.5	942.6	930.0	898.4
27.5°	1164.4	1148.2	1125.9	1140.2	1126.9	1096.3	1105.6	1119.1	1107.3	1076.8	1040.9
25°	1442.0	1396.4	1407.7	1397.9	1353.9	1345.7	1359.4	1344.1	1301.5	1255.8	1306.1
22.5°	1790.8	1774.0	1755.5	1700.2	1686.8	1690.6	1657.6	1596.1	1558.6	1606.6	1608.1
20°	2259.5	2230.4	2166.8	2143.2	2131.2	2074.0	1991.1	1982.6	2021.9	2001.7	1941.0
17.5°	2822.0	2745.5	2732.2	2695.2	2624.8	2512.6	2555.2	2569.9	2532.4	2427.9	2300.4
15°	3428.4	3472.5	3434.1	3320.7	3253.6	3304.2	3279.4	3197.6	3084.1	2892.7	2675.9
12.5°	4423.6	4359.0	4197.7	4257.0	4240.3	4178.9	4053.5	3873.5	3637.9	3327.9	3015.5
10°	5578.7	5532.0	5485.1	5407.1	5278.9	5096.7	4792.2	4454.0	4102.0	3736.3	3356.9
7.5°	7083.7	6957.8	6797.4	6511.2	6153.5	5784.7	5398.6	4995.1	4565.2	4138.6	3695.2
5°	8453.0	8082.8	7705.0	7312.3	6878.6	6437.3	5991.9	5526.9	5020.3	4529.1	4023.1
2.5°	9316.3	8930.9	8514.5	8060.8	7502.6	6939.1	6375.7	5812.5	5209.4	4641.4	4073.7
0°	9700.1	9251.0	8736.8	8225.8	7668.9	7081.1	6450.6	5872.7	5255.6	4677.8	4102.5
-2.5°	9316.3	8930.9	8514.5	8060.8	7502.6	6939.1	6375.7	5812.5	5209.4	4641.4	4073.7
-5°	8453.0	8082.8	7705.0	7312.3	6878.6	6437.3	5991.9	5526.9	5020.3	4529.1	4023.1
-7.5°	7083.7	6957.8	6797.4	6511.2	6153.5	5784.7	5398.6	4995.1	4565.2	4138.6	3695.2
-10°	5578.7	5532.0	5485.1	5407.1	5278.9	5096.7	4792.2	4454.0	4102.0	3736.3	3356.9
-12.5°	4423.6	4359.0	4197.7	4257.0	4240.3	4178.9	4053.5	3873.5	3637.9	3327.9	3015.5
-15°	3428.4	3472.5	3434.1	3320.7	3253.6	3304.2	3279.4	3197.6	3084.1	2892.7	2675.9
-17.5°	2822.0	2745.5	2732.2	2695.2	2624.8	2512.6	2555.2	2569.9	2532.4	2427.9	2300.4
-20°	2259.5	2230.4	2166.8	2143.2	2131.2	2074.0	1991.1	1982.6	2021.9	2001.7	1941.0



REPORT NUMBER: P558670 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-935-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1790.8	1774.0	1755.5	1700.2	1686.8	1690.6	1657.6	1596.1	1558.6	1606.6	1608.1
-25°	1442.0	1396.4	1407.7	1397.9	1353.9	1345.7	1359.4	1344.1	1301.5	1255.8	1306.1
-27.5°	1164.4	1148.2	1125.9	1140.2	1126.9	1096.3	1105.6	1119.1	1107.3	1076.8	1040.9
-30°	946.2	951.8	939.6	933.5	944.9	932.1	905.8	932.5	942.6	930.0	898.4
-32.5°	786.1	797.5	796.3	786.4	792.9	796.6	791.5	773.2	796.6	802.8	788.5
-35°	678.7	676.8	683.7	681.4	670.9	688.2	690.5	679.7	676.0	692.3	691.3
-37.5°	592.8	587.0	594.3	595.9	593.3	596.5	604.2	602.6	592.5	601.4	609.3
-40°	524.9	521.8	522.7	528.4	529.2	523.3	534.1	536.6	534.3	525.3	538.0
-42.5°	471.5	471.0	467.1	473.1	475.1	474.0	475.1	481.9	481.9	477.1	477.5
-45°	428.9	429.2	425.8	426.3	429.7	430.5	427.0	433.5	435.8	433.6	426.7
-47.5°	393.8	393.7	390.3	386.3	391.2	392.1	390.3	390.6	394.3	393.3	389.4
-50°	363.5	362.8	360.1	355.6	356.8	358.0	356.5	352.0	356.3	357.3	354.2
-52.5°	336.6	335.3	332.7	328.1	325.9	327.2	325.4	321.8	322.5	323.5	321.1
-55°	313.6	310.6	307.8	303.6	298.5	299.0	297.5	293.8	290.6	291.5	290.1
-57.5°	291.3	287.4	283.9	279.4	273.8	272.1	270.1	266.3	261.0	261.7	260.5
-60°	267.8	263.2	259.4	254.7	249.2	245.6	243.6	240.1	234.8	233.6	233.1
-62.5°	243.0	237.8	234.3	230.1	225.1	220.5	218.2	214.7	210.1	207.0	206.6
-65°	218.5	214.1	210.4	206.0	200.9	195.3	193.0	189.9	186.0	181.8	181.2
-67.5°	193.4	189.3	185.4	181.2	176.5	171.4	168.8	166.0	162.8	158.9	157.9
-70°	167.5	164.0	160.4	156.7	152.7	148.5	146.0	143.9	141.1	137.3	135.0
-72.5°	141.5	138.6	135.7	132.9	129.8	126.6	124.0	121.6	118.6	114.9	112.4
-75°	115.6	113.4	111.3	109.2	106.8	104.2	101.7	99.4	96.7	93.5	91.0
-77.5°	90.2	88.9	87.4	85.8	83.9	81.8	79.6	77.6	75.5	73.1	71.0
-80°	67.1	66.4	65.4	64.2	62.6	60.8	58.8	57.3	55.6	53.9	52.6
-82.5°	46.8	46.3	45.7	44.5	43.2	41.9	40.5	39.8	39.0	38.0	37.0
-85°	27.5	27.1	26.7	26.2	25.8	25.3	24.9	24.5	24.0	23.3	22.5
-87.5°	10.6	10.6	10.6	10.9	11.2	11.5	11.6	11.3	10.9	10.5	10.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558670 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-935-U-NAT-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°	9.7	9.4	9.1	8.7	8.2	7.7	7.2	6.7	6.2	5.7	5.2
85°	21.8	20.9	19.8	18.5	17.2	15.5	14.5	13.4	12.5	11.5	10.3
82.5°	36.0	34.9	33.5	32.0	30.7	28.9	26.6	23.9	20.9	17.5	15.5
80°	52.1	51.1	49.4	47.2	44.9	42.3	39.8	36.6	32.8	28.5	23.8
77.5°	70.0	68.5	66.4	64.1	61.2	57.8	53.9	49.6	44.6	39.4	33.7
75°	89.5	87.7	85.3	82.1	78.0	73.3	68.6	63.4	57.4	50.4	43.5
72.5°	110.7	108.2	104.9	100.5	95.7	90.2	83.9	77.3	70.6	62.8	53.7
70°	132.7	129.5	125.5	120.9	114.7	107.2	100.0	92.6	83.9	75.1	65.0
67.5°	155.5	151.8	147.0	141.8	135.3	127.0	116.7	108.3	99.0	87.6	76.3
65°	179.2	175.1	169.1	163.9	156.6	147.3	136.3	125.2	114.3	101.9	87.6
62.5°	204.0	199.5	193.8	187.1	178.7	168.5	156.3	144.4	130.2	116.2	100.2
60°	230.3	225.3	219.6	212.3	202.2	190.1	177.6	163.8	148.2	130.6	113.3
57.5°	257.5	252.0	247.2	238.9	227.5	213.3	199.9	184.7	166.3	146.8	126.5
55°	285.7	280.6	276.2	267.2	254.0	238.1	224.1	206.8	185.1	163.3	139.6
52.5°	315.9	312.3	307.0	297.0	282.5	265.4	251.5	229.5	206.4	179.8	154.2
50°	347.6	347.5	340.6	328.5	311.9	297.8	280.3	256.5	228.0	197.3	169.2
47.5°	386.8	386.2	378.1	362.4	343.4	332.7	312.9	284.9	250.0	217.2	184.2
45°	431.3	428.3	418.3	400.7	383.7	372.3	348.1	314.3	276.8	237.6	199.3
42.5°	480.7	475.4	461.5	441.0	434.1	416.1	385.2	347.8	304.3	257.9	216.0
40°	538.6	527.3	508.2	497.8	490.6	463.5	428.1	383.1	332.3	279.7	233.6
37.5°	602.6	586.0	560.5	568.4	553.5	520.0	473.9	419.5	361.6	304.4	251.0
35°	677.4	651.5	652.1	650.9	625.5	580.3	522.2	458.9	394.1	329.0	268.2
32.5°	759.3	752.6	764.1	745.4	704.3	644.4	576.1	502.4	427.0	353.4	285.1
30°	875.6	903.4	891.1	849.3	791.3	717.8	634.1	546.8	460.2	377.6	302.5
27.5°	1076.1	1075.1	1034.1	969.4	888.9	795.8	692.7	592.0	493.6	402.8	322.1
25°	1302.4	1269.9	1199.4	1101.5	992.4	873.7	752.2	637.8	529.9	430.1	341.2
22.5°	1560.8	1482.1	1378.6	1242.3	1094.8	953.9	815.7	688.0	567.4	456.8	359.7
20°	1840.3	1708.5	1566.2	1380.2	1205.3	1041.3	882.8	737.7	604.4	482.9	377.3
17.5°	2139.5	1942.1	1744.8	1529.6	1321.3	1129.4	949.8	786.6	640.5	508.1	394.1
15°	2429.5	2175.6	1928.8	1680.0	1437.8	1217.3	1016.0	834.2	675.5	532.2	407.4
12.5°	2715.4	2412.4	2115.2	1829.7	1553.4	1304.0	1080.7	880.2	709.1	549.4	416.0
10°	3000.7	2649.1	2301.5	1976.8	1666.5	1388.4	1143.0	916.1	724.9	560.5	423.1
7.5°	3281.7	2882.1	2484.7	2119.3	1764.0	1443.6	1169.7	932.3	735.4	569.4	428.7
5°	3511.0	3034.2	2568.0	2161.6	1791.4	1465.6	1186.2	944.9	742.6	576.1	432.9
2.5°	3541.9	3059.1	2580.5	2178.3	1809.7	1480.6	1197.1	953.6	746.6	580.6	435.5
0°	3553.9	3067.2	2578.9	2183.4	1818.8	1488.5	1202.5	958.3	747.6	582.8	436.5
-2.5°	3541.9	3059.1	2580.5	2178.3	1809.7	1480.6	1197.1	953.6	746.6	580.6	435.5
-5°	3511.0	3034.2	2568.0	2161.6	1791.4	1465.6	1186.2	944.9	742.6	576.1	432.9
-7.5°	3281.7	2882.1	2484.7	2119.3	1764.0	1443.6	1169.7	932.3	735.4	569.4	428.7
-10°	3000.7	2649.1	2301.5	1976.8	1666.5	1388.4	1143.0	916.1	724.9	560.5	423.1
-12.5°	2715.4	2412.4	2115.2	1829.7	1553.4	1304.0	1080.7	880.2	709.1	549.4	416.0
-15°	2429.5	2175.6	1928.8	1680.0	1437.8	1217.3	1016.0	834.2	675.5	532.2	407.4
-17.5°	2139.5	1942.1	1744.8	1529.6	1321.3	1129.4	949.8	786.6	640.5	508.1	394.1
-20°	1840.3	1708.5	1566.2	1380.2	1205.3	1041.3	882.8	737.7	604.4	482.9	377.3



REPORT NUMBER: P558670 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	1560.8	1482.1	1378.6	1242.3	1094.8	953.9	815.7	688.0	567.4	456.8	359.7
-25°	1302.4	1269.9	1199.4	1101.5	992.4	873.7	752.2	637.8	529.9	430.1	341.2
-27.5°	1076.1	1075.1	1034.1	969.4	888.9	795.8	692.7	592.0	493.6	402.8	322.1
-30°	875.6	903.4	891.1	849.3	791.3	717.8	634.1	546.8	460.2	377.6	302.5
-32.5°	759.3	752.6	764.1	745.4	704.3	644.4	576.1	502.4	427.0	353.4	285.1
-35°	677.4	651.5	652.1	650.9	625.5	580.3	522.2	458.9	394.1	329.0	268.2
-37.5°	602.6	586.0	560.5	568.4	553.5	520.0	473.9	419.5	361.6	304.4	251.0
-40°	538.6	527.3	508.2	497.8	490.6	463.5	428.1	383.1	332.3	279.7	233.6
-42.5°	480.7	475.4	461.5	441.0	434.1	416.1	385.2	347.8	304.3	257.9	216.0
-45°	431.3	428.3	418.3	400.7	383.7	372.3	348.1	314.3	276.8	237.6	199.3
-47.5°	386.8	386.2	378.1	362.4	343.4	332.7	312.9	284.9	250.0	217.2	184.2
-50°	347.6	347.5	340.6	328.5	311.9	297.8	280.3	256.5	228.0	197.3	169.2
-52.5°	315.9	312.3	307.0	297.0	282.5	265.4	251.5	229.5	206.4	179.8	154.2
-55°	285.7	280.6	276.2	267.2	254.0	238.1	224.1	206.8	185.1	163.3	139.6
-57.5°	257.5	252.0	247.2	238.9	227.5	213.3	199.9	184.7	166.3	146.8	126.5
-60°	230.3	225.3	219.6	212.3	202.2	190.1	177.6	163.8	148.2	130.6	113.3
-62.5°	204.0	199.5	193.8	187.1	178.7	168.5	156.3	144.4	130.2	116.2	100.2
-65°	179.2	175.1	169.1	163.9	156.6	147.3	136.3	125.2	114.3	101.9	87.6
-67.5°	155.5	151.8	147.0	141.8	135.3	127.0	116.7	108.3	99.0	87.6	76.3
-70°	132.7	129.5	125.5	120.9	114.7	107.2	100.0	92.6	83.9	75.1	65.0
-72.5°	110.7	108.2	104.9	100.5	95.7	90.2	83.9	77.3	70.6	62.8	53.7
-75°	89.5	87.7	85.3	82.1	78.0	73.3	68.6	63.4	57.4	50.4	43.5
-77.5°	70.0	68.5	66.4	64.1	61.2	57.8	53.9	49.6	44.6	39.4	33.7
-80°	52.1	51.1	49.4	47.2	44.9	42.3	39.8	36.6	32.8	28.5	23.8
-82.5°	36.0	34.9	33.5	32.0	30.7	28.9	26.6	23.9	20.9	17.5	15.5
-85°	21.8	20.9	19.8	18.5	17.2	15.5	14.5	13.4	12.5	11.5	10.3
-87.5°	9.7	9.4	9.1	8.7	8.2	7.7	7.2	6.7	6.2	5.7	5.2
-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°	4.6	4.0	3.4	2.7	1.9	0.9	0.0
85°	9.1	8.1	6.8	5.4	3.8	1.9	0.0
82.5°	13.7	12.1	10.2	8.1	5.7	2.8	0.0
80°	18.7	16.1	13.6	10.8	7.5	3.8	0.0
77.5°	27.5	21.4	17.0	13.4	9.4	4.7	0.0
75°	36.3	28.9	20.9	16.1	11.2	5.6	0.0
72.5°	45.0	36.5	27.1	18.7	13.0	6.5	0.0
70°	53.9	44.0	33.3	21.8	14.8	7.4	0.0
67.5°	64.1	51.4	39.4	26.5	16.6	8.3	0.0
65°	74.2	59.4	45.5	31.1	18.3	9.2	0.0
62.5°	84.3	68.1	51.4	35.7	20.0	10.0	0.0
60°	94.3	76.8	57.3	40.2	21.7	10.8	0.0
57.5°	105.7	85.3	64.3	44.7	24.6	11.7	0.0
55°	117.1	93.7	71.2	49.0	27.5	12.4	0.0
52.5°	128.3	102.2	77.9	53.2	30.3	13.2	0.0
50°	139.4	111.6	84.6	57.4	33.1	13.9	0.0
47.5°	150.6	120.7	91.1	61.6	35.7	14.7	0.0
45°	163.6	129.6	97.5	66.4	38.3	15.3	0.0
42.5°	176.5	138.3	103.6	71.0	40.7	16.0	0.0
40°	189.3	146.8	110.0	75.4	43.1	16.6	0.0
37.5°	201.9	155.0	116.5	79.4	45.3	17.2	0.0
35°	214.3	164.3	122.7	83.2	47.5	17.8	0.0
32.5°	227.1	174.1	128.7	86.7	49.5	18.3	0.0
30°	240.7	183.5	134.4	89.9	51.4	18.8	0.0
27.5°	253.8	192.6	139.2	92.9	53.2	19.2	0.0
25°	266.4	201.3	143.5	95.6	54.8	19.7	0.0
22.5°	278.5	209.1	147.6	98.1	56.4	20.0	0.0
20°	290.0	215.0	151.3	100.3	57.8	20.4	0.0
17.5°	298.6	220.2	154.7	102.2	59.0	20.7	0.0
15°	305.1	224.7	157.7	103.8	60.1	21.0	0.0
12.5°	310.6	228.5	160.3	105.2	61.1	21.2	0.0
10°	315.1	231.5	162.5	106.2	61.9	21.4	0.0
7.5°	318.7	233.8	164.3	107.1	62.5	21.5	0.0
5°	321.4	235.4	165.7	107.6	63.1	21.6	0.0
2.5°	323.0	236.4	166.7	107.9	63.4	21.7	0.0
0°	323.6	236.6	167.2	107.9	63.6	21.7	0.0
-2.5°	323.0	236.4	166.7	107.9	63.4	21.7	0.0
-5°	321.4	235.4	165.7	107.6	63.1	21.6	0.0
-7.5°	318.7	233.8	164.3	107.1	62.5	21.5	0.0
-10°	315.1	231.5	162.5	106.2	61.9	21.4	0.0
-12.5°	310.6	228.5	160.3	105.2	61.1	21.2	0.0
-15°	305.1	224.7	157.7	103.8	60.1	21.0	0.0
-17.5°	298.6	220.2	154.7	102.2	59.0	20.7	0.0
-20°	290.0	215.0	151.3	100.3	57.8	20.4	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	278.5	209.1	147.6	98.1	56.4	20.0	0.0
-25°	266.4	201.3	143.5	95.6	54.8	19.7	0.0
-27.5°	253.8	192.6	139.2	92.9	53.2	19.2	0.0
-30°	240.7	183.5	134.4	89.9	51.4	18.8	0.0
-32.5°	227.1	174.1	128.7	86.7	49.5	18.3	0.0
-35°	214.3	164.3	122.7	83.2	47.5	17.8	0.0
-37.5°	201.9	155.0	116.5	79.4	45.3	17.2	0.0
-40°	189.3	146.8	110.0	75.4	43.1	16.6	0.0
-42.5°	176.5	138.3	103.6	71.0	40.7	16.0	0.0
-45°	163.6	129.6	97.5	66.4	38.3	15.3	0.0
-47.5°	150.6	120.7	91.1	61.6	35.7	14.7	0.0
-50°	139.4	111.6	84.6	57.4	33.1	13.9	0.0
-52.5°	128.3	102.2	77.9	53.2	30.3	13.2	0.0
-55°	117.1	93.7	71.2	49.0	27.5	12.4	0.0
-57.5°	105.7	85.3	64.3	44.7	24.6	11.7	0.0
-60°	94.3	76.8	57.3	40.2	21.7	10.8	0.0
-62.5°	84.3	68.1	51.4	35.7	20.0	10.0	0.0
-65°	74.2	59.4	45.5	31.1	18.3	9.2	0.0
-67.5°	64.1	51.4	39.4	26.5	16.6	8.3	0.0
-70°	53.9	44.0	33.3	21.8	14.8	7.4	0.0
-72.5°	45.0	36.5	27.1	18.7	13.0	6.5	0.0
-75°	36.3	28.9	20.9	16.1	11.2	5.6	0.0
-77.5°	27.5	21.4	17.0	13.4	9.4	4.7	0.0
-80°	18.7	16.1	13.6	10.8	7.5	3.8	0.0
-82.5°	13.7	12.1	10.2	8.1	5.7	2.8	0.0
-85°	9.1	8.1	6.8	5.4	3.8	1.9	0.0
-87.5°	4.6	4.0	3.4	2.7	1.9	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)