

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: P558829 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558829 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA3D-935-U-MWR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (48) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

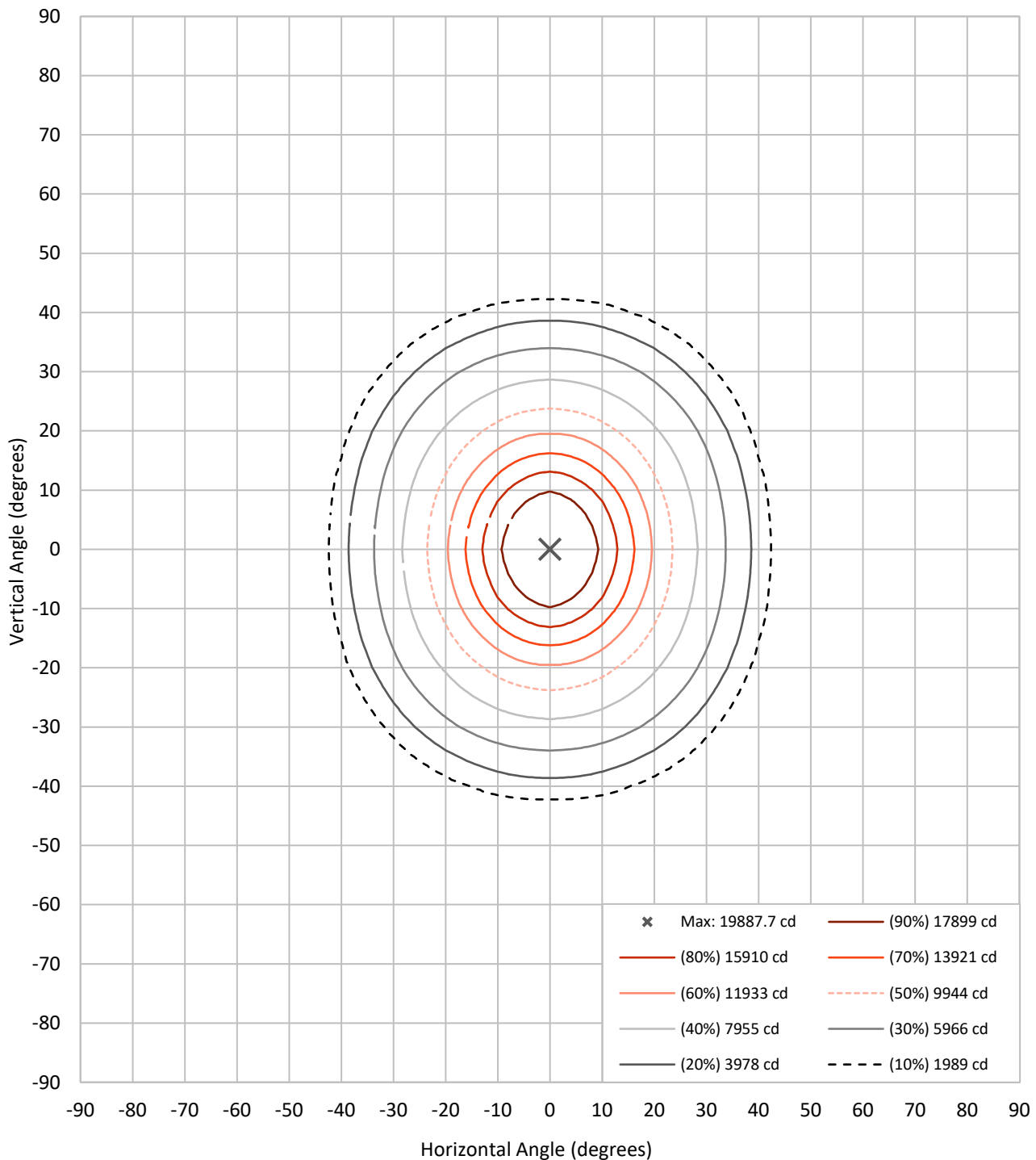
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	15481.5 lumens	Max Intensity:	19887.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	98.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	7305.2 lumens	Field Lumens:	14057.1 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 158  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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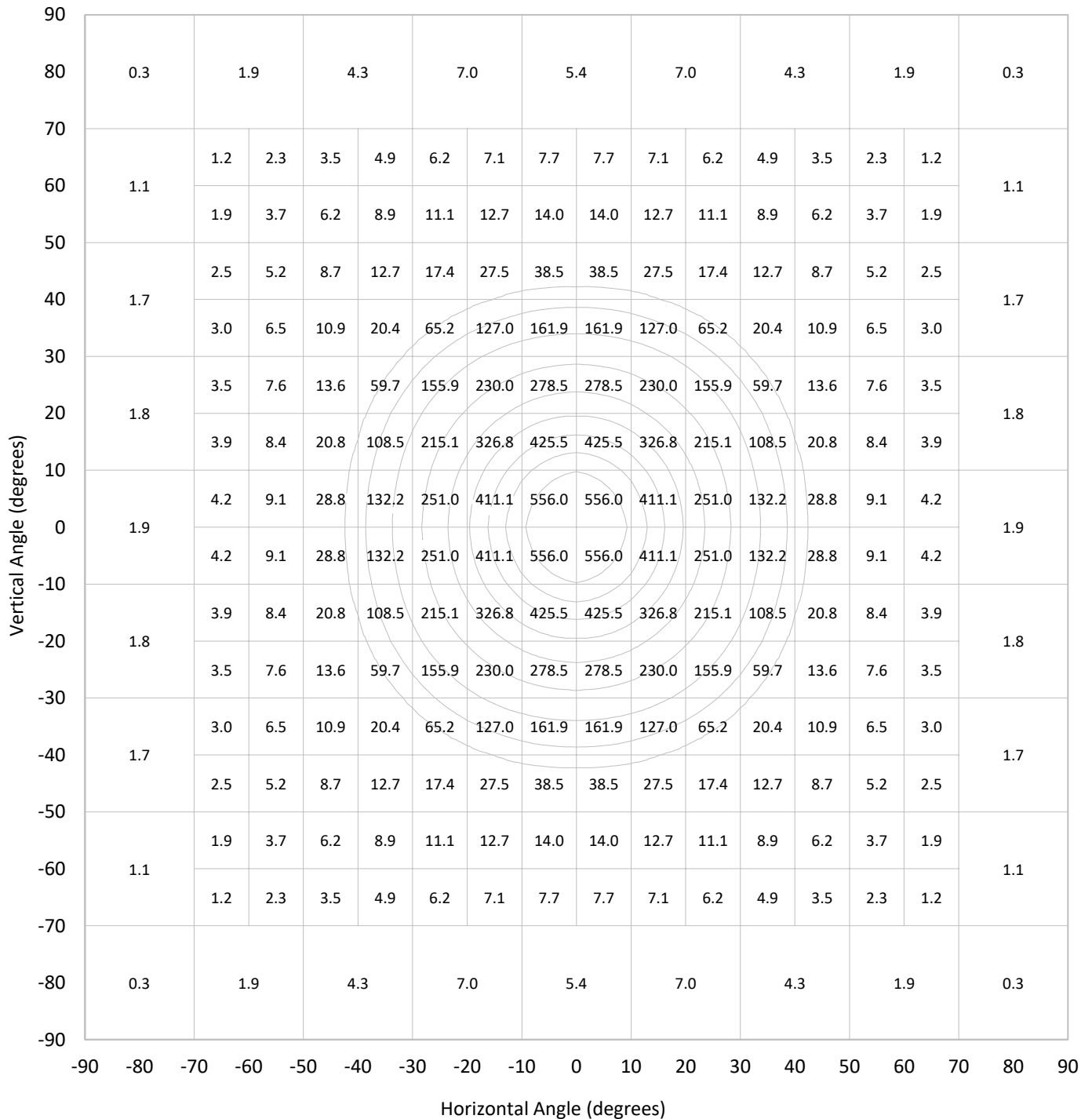
### Iso-Candela Plot





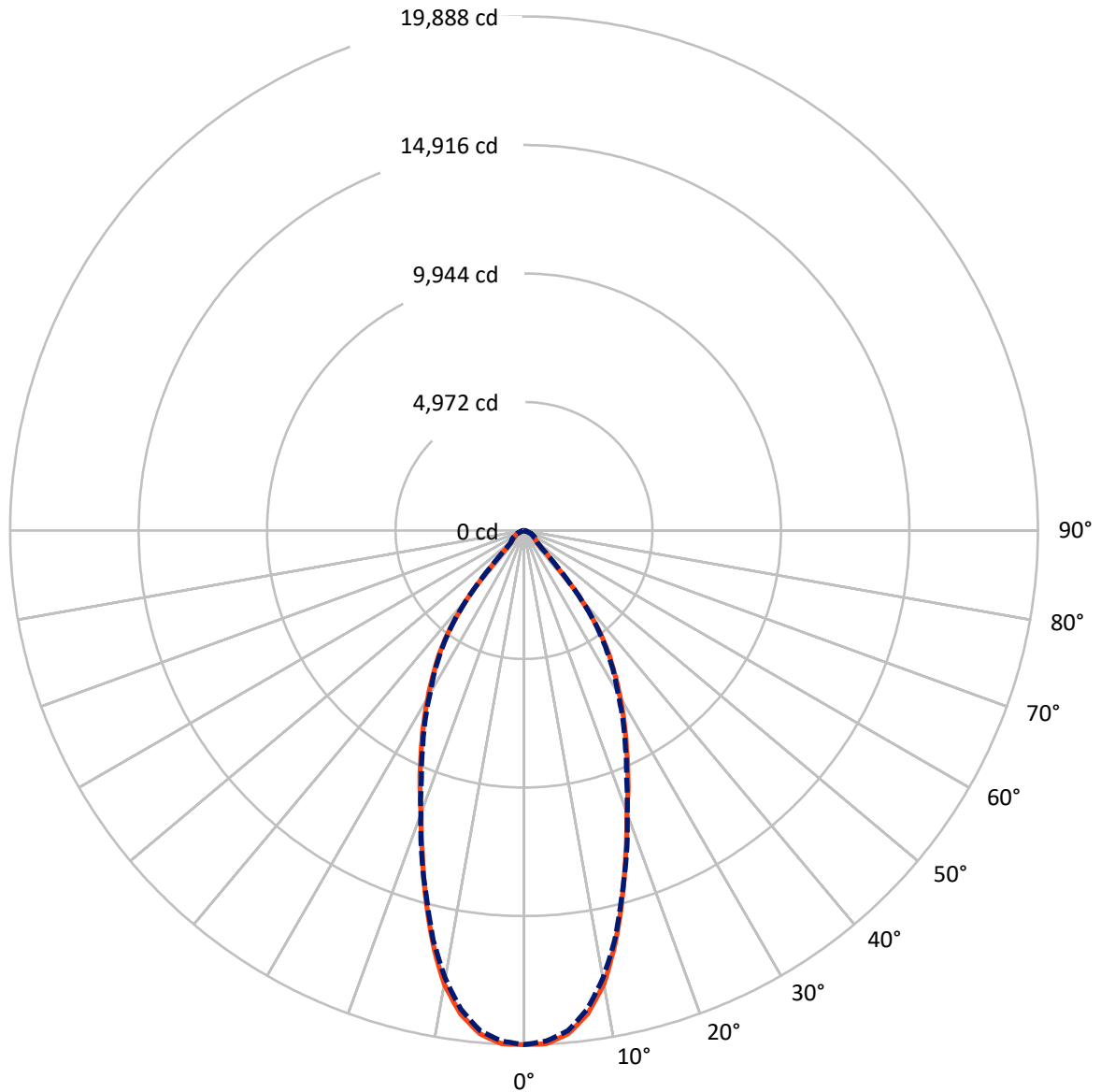
REPORT NUMBER: P558829 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-U-MWR-XX

### Lumen Table



REPORT NUMBER: P558829 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3D-935-U-MWR-XX

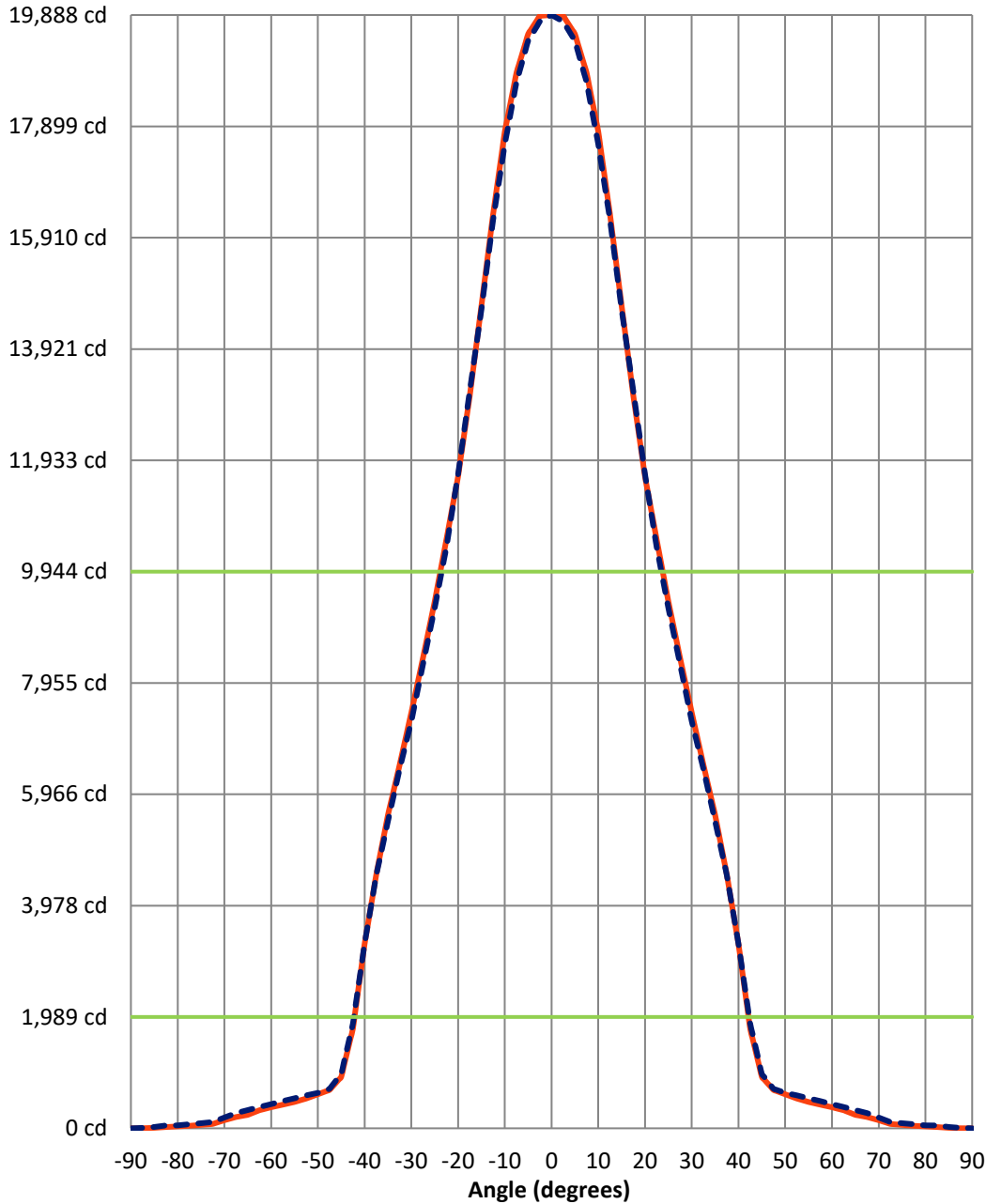
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 47°  
V Angle: 47.6°  
Lumens: 7305.2  
Efficiency: 47.2%

**Field:**  
H Angle: 84.6°  
V Angle: 84.3°  
Lumens: 14057.1  
Efficiency: 90.8%

**Spill:**  
Lumens: 1424.3  
Efficiency: 9.2%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.3	0.7	1.1	1.6	2.1	2.7	3.0	3.3	3.6	3.8
85°	0.0	0.7	1.3	2.1	3.1	4.2	5.4	6.1	6.7	7.2	7.6
82.5°	0.0	1.0	2.0	3.2	4.7	6.3	8.1	9.1	10.3	12.3	13.8
80°	0.0	1.3	2.6	4.3	6.2	8.4	11.2	14.8	17.7	19.9	21.5
77.5°	0.0	1.6	3.2	5.3	7.7	11.4	17.5	21.9	25.1	27.6	29.8
75°	0.0	1.9	3.9	6.3	9.5	16.2	23.7	29.0	32.8	36.9	40.1
72.5°	0.0	2.3	4.5	7.3	13.1	20.9	29.8	36.5	42.3	47.0	50.5
70°	0.0	2.6	5.1	8.6	16.5	25.5	35.9	45.4	51.9	57.2	65.4
67.5°	0.0	2.9	5.7	10.9	19.8	30.0	42.9	54.3	61.6	70.1	80.9
65°	0.0	3.2	6.3	13.1	23.0	34.8	49.7	63.2	71.7	82.4	95.4
62.5°	0.0	3.5	6.9	15.3	26.1	39.8	56.2	71.2	81.3	94.3	108.9
60°	0.0	3.7	7.5	17.4	29.1	44.6	62.4	78.6	90.4	106.4	122.1
57.5°	0.0	4.0	8.8	19.4	32.5	49.2	66.6	85.1	100.7	118.2	133.7
55°	0.0	4.3	10.1	21.3	35.7	53.5	70.2	89.8	111.0	129.4	144.4
52.5°	0.0	4.6	11.3	23.1	38.7	57.1	73.2	96.3	121.2	138.9	154.8
50°	0.0	4.8	12.5	24.8	41.6	59.0	75.7	102.3	130.6	148.2	166.4
47.5°	0.0	5.1	13.6	26.5	44.2	60.4	78.0	107.6	138.7	157.2	177.7
45°	0.0	5.3	14.7	28.2	46.6	61.6	81.8	112.1	142.8	166.9	188.6
42.5°	0.0	5.5	15.7	29.9	48.7	62.3	85.0	115.3	146.0	176.3	199.7
40°	0.0	5.7	16.7	31.6	49.9	62.6	87.6	117.4	148.8	184.6	210.5
37.5°	0.0	5.9	17.6	33.4	50.0	62.6	89.6	118.9	151.8	188.6	220.8
35°	0.0	6.1	18.5	35.1	50.0	63.4	91.1	119.7	154.4	194.6	230.7
32.5°	0.0	6.3	19.3	36.8	49.7	64.4	91.8	119.9	156.4	202.0	239.7
30°	0.0	6.5	20.0	38.4	49.2	65.0	91.7	119.9	158.0	210.5	248.6
27.5°	0.0	6.7	20.7	39.9	49.7	65.2	91.2	120.7	161.1	220.1	257.3
25°	0.0	6.8	21.3	41.4	50.3	65.0	90.2	121.0	167.6	228.2	265.9
22.5°	0.0	6.9	21.9	42.8	50.8	65.1	88.8	120.9	174.3	234.8	276.4
20°	0.0	7.0	22.4	44.2	51.2	66.8	86.9	120.2	181.2	241.0	285.9
17.5°	0.0	7.2	22.8	45.4	51.5	68.3	87.0	119.1	188.0	246.7	294.4
15°	0.0	7.2	23.1	46.5	51.8	69.6	88.3	118.7	194.5	251.9	301.9
12.5°	0.0	7.3	23.4	47.5	52.0	70.7	89.3	119.2	199.1	256.6	308.3
10°	0.0	7.4	23.7	48.5	52.1	71.6	90.2	119.0	200.9	260.4	313.8
7.5°	0.0	7.4	23.8	49.3	52.2	72.3	90.7	118.0	201.1	264.1	318.4
5°	0.0	7.5	23.9	49.9	52.3	72.8	91.1	116.5	199.7	267.5	321.9
2.5°	0.0	7.5	23.9	50.4	52.3	73.1	91.2	114.4	196.8	270.1	324.3
0°	0.0	7.5	23.9	50.8	52.3	73.2	91.1	112.0	192.6	271.7	325.5
-2.5°	0.0	7.5	23.9	50.4	52.3	73.1	91.2	114.4	196.8	270.1	324.3
-5°	0.0	7.5	23.9	49.9	52.3	72.8	91.1	116.5	199.7	267.5	321.9
-7.5°	0.0	7.4	23.8	49.3	52.2	72.3	90.7	118.0	201.1	264.1	318.4
-10°	0.0	7.4	23.7	48.5	52.1	71.6	90.2	119.0	200.9	260.4	313.8
-12.5°	0.0	7.3	23.4	47.5	52.0	70.7	89.3	119.2	199.1	256.6	308.3
-15°	0.0	7.2	23.1	46.5	51.8	69.6	88.3	118.7	194.5	251.9	301.9
-17.5°	0.0	7.2	22.8	45.4	51.5	68.3	87.0	119.1	188.0	246.7	294.4
-20°	0.0	7.0	22.4	44.2	51.2	66.8	86.9	120.2	181.2	241.0	285.9



REPORT NUMBER: P558829 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.9	21.9	42.8	50.8	65.1	88.8	120.9	174.3	234.8	276.4
-25°	0.0	6.8	21.3	41.4	50.3	65.0	90.2	121.0	167.6	228.2	265.9
-27.5°	0.0	6.7	20.7	39.9	49.7	65.2	91.2	120.7	161.1	220.1	257.3
-30°	0.0	6.5	20.0	38.4	49.2	65.0	91.7	119.9	158.0	210.5	248.6
-32.5°	0.0	6.3	19.3	36.8	49.7	64.4	91.8	119.9	156.4	202.0	239.7
-35°	0.0	6.1	18.5	35.1	50.0	63.4	91.1	119.7	154.4	194.6	230.7
-37.5°	0.0	5.9	17.6	33.4	50.0	62.6	89.6	118.9	151.8	188.6	220.8
-40°	0.0	5.7	16.7	31.6	49.9	62.6	87.6	117.4	148.8	184.6	210.5
-42.5°	0.0	5.5	15.7	29.9	48.7	62.3	85.0	115.3	146.0	176.3	199.7
-45°	0.0	5.3	14.7	28.2	46.6	61.6	81.8	112.1	142.8	166.9	188.6
-47.5°	0.0	5.1	13.6	26.5	44.2	60.4	78.0	107.6	138.7	157.2	177.7
-50°	0.0	4.8	12.5	24.8	41.6	59.0	75.7	102.3	130.6	148.2	166.4
-52.5°	0.0	4.6	11.3	23.1	38.7	57.1	73.2	96.3	121.2	138.9	154.8
-55°	0.0	4.3	10.1	21.3	35.7	53.5	70.2	89.8	111.0	129.4	144.4
-57.5°	0.0	4.0	8.8	19.4	32.5	49.2	66.6	85.1	100.7	118.2	133.7
-60°	0.0	3.7	7.5	17.4	29.1	44.6	62.4	78.6	90.4	106.4	122.1
-62.5°	0.0	3.5	6.9	15.3	26.1	39.8	56.2	71.2	81.3	94.3	108.9
-65°	0.0	3.2	6.3	13.1	23.0	34.8	49.7	63.2	71.7	82.4	95.4
-67.5°	0.0	2.9	5.7	10.9	19.8	30.0	42.9	54.3	61.6	70.1	80.9
-70°	0.0	2.6	5.1	8.6	16.5	25.5	35.9	45.4	51.9	57.2	65.4
-72.5°	0.0	2.3	4.5	7.3	13.1	20.9	29.8	36.5	42.3	47.0	50.5
-75°	0.0	1.9	3.9	6.3	9.5	16.2	23.7	29.0	32.8	36.9	40.1
-77.5°	0.0	1.6	3.2	5.3	7.7	11.4	17.5	21.9	25.1	27.6	29.8
-80°	0.0	1.3	2.6	4.3	6.2	8.4	11.2	14.8	17.7	19.9	21.5
-82.5°	0.0	1.0	2.0	3.2	4.7	6.3	8.1	9.1	10.3	12.3	13.8
-85°	0.0	0.7	1.3	2.1	3.1	4.2	5.4	6.1	6.7	7.2	7.6
-87.5°	0.0	0.3	0.7	1.1	1.6	2.1	2.7	3.0	3.3	3.6	3.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558829 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-U-MWR-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°	3.8	3.8	3.6	3.4	3.2	2.9	2.5	2.1	2.2	2.3	2.4
85°	7.6	7.5	8.1	8.6	8.8	8.8	8.5	8.0	9.1	10.5	11.9
82.5°	15.2	16.5	17.7	18.9	18.9	18.5	17.8	17.1	19.7	23.0	26.4
80°	23.4	25.4	28.3	31.3	32.1	31.8	30.8	29.2	32.8	38.1	44.1
77.5°	33.4	37.5	41.6	45.7	46.7	45.9	43.9	40.8	45.4	54.0	63.6
75°	44.4	49.5	56.0	61.1	62.2	60.4	57.4	54.7	60.3	71.0	81.2
72.5°	58.0	66.3	72.7	77.2	77.5	75.9	74.5	73.1	79.4	92.0	102.4
70°	75.3	83.7	88.7	91.4	92.0	93.0	97.3	101.3	107.5	118.3	126.9
67.5°	92.5	99.1	103.6	106.9	113.3	119.4	125.3	131.3	138.3	147.4	153.9
65°	107.8	114.6	120.5	128.3	137.7	145.1	152.9	161.4	171.0	179.6	185.9
62.5°	122.9	130.2	138.6	148.8	159.7	169.6	181.2	192.9	204.3	214.1	224.8
60°	135.3	145.1	156.3	168.6	181.7	196.8	210.7	224.3	236.8	249.0	264.0
57.5°	147.1	160.4	174.1	188.8	206.0	224.4	240.7	255.6	271.3	289.0	303.8
55°	159.5	176.3	191.9	209.8	230.3	252.5	270.3	287.1	306.4	327.6	344.2
52.5°	172.9	191.4	209.8	231.3	256.0	278.0	296.7	317.6	341.1	364.1	383.3
50°	185.9	206.3	227.7	254.9	279.4	300.5	323.6	348.9	373.4	397.1	419.8
47.5°	199.0	220.9	249.2	277.0	300.0	324.6	351.6	377.7	403.4	428.1	451.9
45°	211.9	237.8	269.2	295.6	321.2	349.5	377.4	404.7	431.7	458.0	484.0
42.5°	224.2	254.3	286.0	313.7	343.0	372.6	401.8	430.7	459.3	487.4	515.1
40°	237.8	269.5	302.8	333.0	363.6	394.5	425.2	455.7	485.9	515.7	545.0
37.5°	250.2	285.1	319.9	351.5	383.0	415.3	447.5	479.9	511.6	542.7	576.1
35°	261.4	301.0	336.1	369.2	402.3	435.0	469.1	503.1	536.6	570.2	612.9
32.5°	274.0	316.9	351.3	386.3	420.5	454.3	489.7	525.6	561.2	600.6	661.9
30°	288.1	330.3	365.8	402.6	437.6	473.1	509.7	547.3	584.7	645.9	787.6
27.5°	301.8	342.5	379.9	417.5	453.6	490.5	528.8	567.7	619.9	714.1	943.8
25°	314.5	354.3	393.2	431.2	468.5	506.7	546.3	586.7	657.6	847.8	1355.5
22.5°	325.3	365.7	406.1	443.7	481.9	521.4	562.6	616.2	725.7	982.9	1813.6
20°	334.4	376.5	417.8	456.9	494.5	534.5	577.4	644.3	829.2	1368.4	2362.5
17.5°	342.9	386.4	428.6	469.5	508.9	548.2	592.1	668.6	922.4	1703.5	2914.4
15°	350.7	395.2	438.6	481.3	522.1	562.9	615.5	737.5	1110.9	2036.2	3406.0
12.5°	357.8	402.9	447.8	492.2	533.9	576.1	636.4	805.9	1341.7	2426.4	3741.5
10°	364.0	409.6	455.9	502.1	544.4	587.7	654.1	862.2	1531.5	2747.4	4011.2
7.5°	369.7	415.9	463.5	510.9	553.4	597.6	668.5	906.0	1678.1	2989.2	4226.3
5°	374.5	422.2	472.5	520.5	564.7	608.5	681.0	937.5	1781.1	3152.1	4383.0
2.5°	378.2	427.4	480.3	529.0	577.2	621.6	695.1	960.8	1847.6	3255.8	4483.3
0°	380.7	431.5	486.7	536.0	588.3	633.1	706.2	972.0	1872.3	3293.7	4521.0
-2.5°	378.2	427.4	480.3	529.0	577.2	621.6	695.1	960.8	1847.6	3255.8	4483.3
-5°	374.5	422.2	472.5	520.5	564.7	608.5	681.0	937.5	1781.1	3152.1	4383.0
-7.5°	369.7	415.9	463.5	510.9	553.4	597.6	668.5	906.0	1678.1	2989.2	4226.3
-10°	364.0	409.6	455.9	502.1	544.4	587.7	654.1	862.2	1531.5	2747.4	4011.2
-12.5°	357.8	402.9	447.8	492.2	533.9	576.1	636.4	805.9	1341.7	2426.4	3741.5
-15°	350.7	395.2	438.6	481.3	522.1	562.9	615.5	737.5	1110.9	2036.2	3406.0
-17.5°	342.9	386.4	428.6	469.5	508.9	548.2	592.1	668.6	922.4	1703.5	2914.4
-20°	334.4	376.5	417.8	456.9	494.5	534.5	577.4	644.3	829.2	1368.4	2362.5



REPORT NUMBER: P558829 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	325.3	365.7	406.1	443.7	481.9	521.4	562.6	616.2	725.7	982.9	1813.6
-25°	314.5	354.3	393.2	431.2	468.5	506.7	546.3	586.7	657.6	847.8	1355.5
-27.5°	301.8	342.5	379.9	417.5	453.6	490.5	528.8	567.7	619.9	714.1	943.8
-30°	288.1	330.3	365.8	402.6	437.6	473.1	509.7	547.3	584.7	645.9	787.6
-32.5°	274.0	316.9	351.3	386.3	420.5	454.3	489.7	525.6	561.2	600.6	661.9
-35°	261.4	301.0	336.1	369.2	402.3	435.0	469.1	503.1	536.6	570.2	612.9
-37.5°	250.2	285.1	319.9	351.5	383.0	415.3	447.5	479.9	511.6	542.7	576.1
-40°	237.8	269.5	302.8	333.0	363.6	394.5	425.2	455.7	485.9	515.7	545.0
-42.5°	224.2	254.3	286.0	313.7	343.0	372.6	401.8	430.7	459.3	487.4	515.1
-45°	211.9	237.8	269.2	295.6	321.2	349.5	377.4	404.7	431.7	458.0	484.0
-47.5°	199.0	220.9	249.2	277.0	300.0	324.6	351.6	377.7	403.4	428.1	451.9
-50°	185.9	206.3	227.7	254.9	279.4	300.5	323.6	348.9	373.4	397.1	419.8
-52.5°	172.9	191.4	209.8	231.3	256.0	278.0	296.7	317.6	341.1	364.1	383.3
-55°	159.5	176.3	191.9	209.8	230.3	252.5	270.3	287.1	306.4	327.6	344.2
-57.5°	147.1	160.4	174.1	188.8	206.0	224.4	240.7	255.6	271.3	289.0	303.8
-60°	135.3	145.1	156.3	168.6	181.7	196.8	210.7	224.3	236.8	249.0	264.0
-62.5°	122.9	130.2	138.6	148.8	159.7	169.6	181.2	192.9	204.3	214.1	224.8
-65°	107.8	114.6	120.5	128.3	137.7	145.1	152.9	161.4	171.0	179.6	185.9
-67.5°	92.5	99.1	103.6	106.9	113.3	119.4	125.3	131.3	138.3	147.4	153.9
-70°	75.3	83.7	88.7	91.4	92.0	93.0	97.3	101.3	107.5	118.3	126.9
-72.5°	58.0	66.3	72.7	77.2	77.5	75.9	74.5	73.1	79.4	92.0	102.4
-75°	44.4	49.5	56.0	61.1	62.2	60.4	57.4	54.7	60.3	71.0	81.2
-77.5°	33.4	37.5	41.6	45.7	46.7	45.9	43.9	40.8	45.4	54.0	63.6
-80°	23.4	25.4	28.3	31.3	32.1	31.8	30.8	29.2	32.8	38.1	44.1
-82.5°	15.2	16.5	17.7	18.9	18.9	18.5	17.8	17.1	19.7	23.0	26.4
-85°	7.6	7.5	8.1	8.6	8.8	8.8	8.5	8.0	9.1	10.5	11.9
-87.5°	3.8	3.8	3.6	3.4	3.2	2.9	2.5	2.1	2.2	2.3	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: P558829 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.5	2.5	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.6	2.2
85°	13.4	13.0	12.3	11.4	10.3	10.8	11.5	12.1	12.7	11.9	10.9
82.5°	30.1	30.5	30.5	30.4	30.2	31.6	32.8	33.9	34.8	32.2	29.1
80°	50.7	53.2	54.6	55.9	57.0	57.0	56.2	54.9	53.0	48.5	43.5
77.5°	73.4	77.2	79.1	81.0	82.9	83.6	84.1	84.6	85.1	77.2	67.2
75°	91.0	96.6	99.9	103.0	105.8	107.4	108.3	108.8	109.1	99.6	87.3
72.5°	110.9	116.5	120.4	124.2	127.7	130.0	131.3	132.4	133.1	124.8	113.1
70°	133.0	137.3	142.1	146.7	151.0	154.0	155.9	157.5	158.6	157.9	157.2
67.5°	159.1	162.9	168.7	173.1	177.6	180.8	184.2	186.8	188.8	191.0	193.5
65°	191.8	201.0	209.3	213.6	214.2	218.8	226.4	231.3	233.7	235.7	238.1
62.5°	237.2	248.4	254.4	261.5	270.7	279.2	282.5	287.0	292.2	298.6	305.9
60°	276.2	285.5	295.0	304.9	313.3	320.4	328.1	335.7	342.7	349.1	355.3
57.5°	316.0	326.2	335.9	347.5	355.5	360.3	367.8	376.9	384.0	389.5	397.9
55°	357.3	370.4	383.7	394.1	401.7	406.7	412.4	421.2	426.4	428.4	438.1
52.5°	398.8	414.3	430.6	442.9	451.0	458.5	465.4	473.2	478.5	481.1	490.5
50°	437.3	455.8	474.0	489.9	500.6	513.2	527.3	534.3	538.8	543.8	554.4
47.5°	473.9	494.6	514.0	532.0	547.6	561.6	573.8	585.5	602.8	616.6	630.2
45°	509.1	531.1	552.2	572.4	589.7	617.2	643.4	665.7	725.3	775.4	813.6
42.5°	542.2	568.8	592.5	626.2	662.8	726.3	824.4	915.2	1091.0	1317.3	1506.2
40°	576.7	611.2	653.8	719.3	843.3	970.7	1351.8	1691.3	2025.2	2405.0	2730.5
37.5°	617.1	669.0	793.7	941.8	1339.3	1779.0	2319.0	2849.0	3310.6	3705.5	4035.3
35°	670.4	830.8	1064.0	1603.4	2190.7	2911.5	3533.9	4032.4	4488.4	4854.3	5129.8
32.5°	827.8	1121.2	1737.0	2479.0	3286.7	3983.2	4589.4	5066.7	5482.6	5810.6	6065.9
30°	1058.1	1732.5	2568.8	3457.5	4262.0	4927.0	5487.1	5942.1	6313.4	6647.1	6927.2
27.5°	1605.4	2473.2	3456.2	4362.6	5094.4	5717.0	6219.5	6670.2	7079.5	7430.9	7762.1
25°	2204.4	3278.7	4270.2	5095.1	5778.1	6362.2	6892.1	7385.1	7843.3	8254.6	8639.9
22.5°	2923.7	3995.1	4942.7	5706.2	6368.0	6968.0	7530.9	8079.5	8613.0	9114.9	9581.0
20°	3575.0	4626.5	5452.8	6215.3	6902.9	7528.1	8148.5	8787.9	9403.5	10008.1	10569.4
17.5°	4082.5	5060.7	5890.3	6663.2	7363.1	8071.1	8781.1	9515.5	10258.1	10960.1	11631.6
15°	4506.3	5423.0	6263.7	7036.4	7806.0	8587.2	9380.3	10245.5	11128.8	11969.1	12825.0
12.5°	4806.8	5725.2	6577.5	7352.9	8215.7	9063.8	9987.0	10973.1	11993.1	12971.9	14023.3
10°	5048.3	5966.4	6811.5	7647.6	8560.6	9501.0	10536.5	11622.6	12839.8	13998.8	15131.6
7.5°	5255.5	6167.5	6999.5	7887.9	8847.7	9881.2	11007.4	12235.3	13552.6	14842.3	16190.7
5°	5407.1	6304.7	7145.6	8084.8	9068.3	10159.0	11370.7	12682.8	14095.5	15508.6	16842.0
2.5°	5487.4	6382.9	7236.4	8207.0	9197.7	10327.4	11589.3	12980.0	14472.1	16014.1	17328.8
0°	5485.5	6415.7	7271.2	8289.5	9292.9	10378.3	11683.3	13170.4	14626.1	16228.2	17577.9
-2.5°	5487.4	6382.9	7236.4	8207.0	9197.7	10327.4	11589.3	12980.0	14472.1	16014.1	17328.8
-5°	5407.1	6304.7	7145.6	8084.8	9068.3	10159.0	11370.7	12682.8	14095.5	15508.6	16842.0
-7.5°	5255.5	6167.5	6999.5	7887.9	8847.7	9881.2	11007.4	12235.3	13552.6	14842.3	16190.7
-10°	5048.3	5966.4	6811.5	7647.6	8560.6	9501.0	10536.5	11622.6	12839.8	13998.8	15131.6
-12.5°	4806.8	5725.2	6577.5	7352.9	8215.7	9063.8	9987.0	10973.1	11993.1	12971.9	14023.3
-15°	4506.3	5423.0	6263.7	7036.4	7806.0	8587.2	9380.3	10245.5	11128.8	11969.1	12825.0
-17.5°	4082.5	5060.7	5890.3	6663.2	7363.1	8071.1	8781.1	9515.5	10258.1	10960.1	11631.6
-20°	3575.0	4626.5	5452.8	6215.3	6902.9	7528.1	8148.5	8787.9	9403.5	10008.1	10569.4



REPORT NUMBER: P558829 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2923.7	3995.1	4942.7	5706.2	6368.0	6968.0	7530.9	8079.5	8613.0	9114.9	9581.0
-25°	2204.4	3278.7	4270.2	5095.1	5778.1	6362.2	6892.1	7385.1	7843.3	8254.6	8639.9
-27.5°	1605.4	2473.2	3456.2	4362.6	5094.4	5717.0	6219.5	6670.2	7079.5	7430.9	7762.1
-30°	1058.1	1732.5	2568.8	3457.5	4262.0	4927.0	5487.1	5942.1	6313.4	6647.1	6927.2
-32.5°	827.8	1121.2	1737.0	2479.0	3286.7	3983.2	4589.4	5066.7	5482.6	5810.6	6065.9
-35°	670.4	830.8	1064.0	1603.4	2190.7	2911.5	3533.9	4032.4	4488.4	4854.3	5129.8
-37.5°	617.1	669.0	793.7	941.8	1339.3	1779.0	2319.0	2849.0	3310.6	3705.5	4035.3
-40°	576.7	611.2	653.8	719.3	843.3	970.7	1351.8	1691.3	2025.2	2405.0	2730.5
-42.5°	542.2	568.8	592.5	626.2	662.8	726.3	824.4	915.2	1091.0	1317.3	1506.2
-45°	509.1	531.1	552.2	572.4	589.7	617.2	643.4	665.7	725.3	775.4	813.6
-47.5°	473.9	494.6	514.0	532.0	547.6	561.6	573.8	585.5	602.8	616.6	630.2
-50°	437.3	455.8	474.0	489.9	500.6	513.2	527.3	534.3	538.8	543.8	554.4
-52.5°	398.8	414.3	430.6	442.9	451.0	458.5	465.4	473.2	478.5	481.1	490.5
-55°	357.3	370.4	383.7	394.1	401.7	406.7	412.4	421.2	426.4	428.4	438.1
-57.5°	316.0	326.2	335.9	347.5	355.5	360.3	367.8	376.9	384.0	389.5	397.9
-60°	276.2	285.5	295.0	304.9	313.3	320.4	328.1	335.7	342.7	349.1	355.3
-62.5°	237.2	248.4	254.4	261.5	270.7	279.2	282.5	287.0	292.2	298.6	305.9
-65°	191.8	201.0	209.3	213.6	214.2	218.8	226.4	231.3	233.7	235.7	238.1
-67.5°	159.1	162.9	168.7	173.1	177.6	180.8	184.2	186.8	188.8	191.0	193.5
-70°	133.0	137.3	142.1	146.7	151.0	154.0	155.9	157.5	158.6	157.9	157.2
-72.5°	110.9	116.5	120.4	124.2	127.7	130.0	131.3	132.4	133.1	124.8	113.1
-75°	91.0	96.6	99.9	103.0	105.8	107.4	108.3	108.8	109.1	99.6	87.3
-77.5°	73.4	77.2	79.1	81.0	82.9	83.6	84.1	84.6	85.1	77.2	67.2
-80°	50.7	53.2	54.6	55.9	57.0	57.0	56.2	54.9	53.0	48.5	43.5
-82.5°	30.1	30.5	30.5	30.4	30.2	31.6	32.8	33.9	34.8	32.2	29.1
-85°	13.4	13.0	12.3	11.4	10.3	10.8	11.5	12.1	12.7	11.9	10.9
-87.5°	2.5	2.5	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.6	2.2
-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: P558829 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.9	1.5	1.5	1.5	1.5	1.5	1.9	2.2	2.6	2.9	2.9
85°	10.0	9.0	9.0	9.0	9.0	9.0	10.0	10.9	11.9	12.7	12.1
82.5°	25.8	22.3	22.4	22.4	22.4	22.3	25.8	29.1	32.2	34.8	33.9
80°	38.2	32.8	33.5	34.3	33.5	32.8	38.2	43.5	48.5	53.0	54.9
77.5°	56.4	45.1	44.7	44.8	44.7	45.1	56.4	67.2	77.2	85.1	84.6
75°	74.7	61.7	61.1	61.2	61.1	61.7	74.7	87.3	99.6	109.1	108.8
72.5°	101.0	88.6	83.0	77.6	83.0	88.6	101.0	113.1	124.8	133.1	132.4
70°	157.4	157.8	152.2	144.8	152.2	157.8	157.4	157.2	157.9	158.6	157.5
67.5°	195.6	197.2	199.6	201.6	199.6	197.2	195.6	193.5	191.0	188.8	186.8
65°	239.2	239.1	240.0	240.4	240.0	239.1	239.2	238.1	235.7	233.7	231.3
62.5°	312.2	317.2	320.7	322.5	320.7	317.2	312.2	305.9	298.6	292.2	287.0
60°	360.5	364.6	370.5	376.3	370.5	364.6	360.5	355.3	349.1	342.7	335.7
57.5°	405.7	412.7	418.3	422.5	418.3	412.7	405.7	397.9	389.5	384.0	376.9
55°	447.3	455.5	463.3	470.3	463.3	455.5	447.3	438.1	428.4	426.4	421.2
52.5°	499.7	506.4	517.4	531.5	517.4	506.4	499.7	490.5	481.1	478.5	473.2
50°	566.6	576.7	590.7	607.7	590.7	576.7	566.6	554.4	543.8	538.8	534.3
47.5°	643.9	654.1	667.5	685.3	667.5	654.1	643.9	630.2	616.6	602.8	585.5
45°	848.5	872.4	894.2	918.2	894.2	872.4	848.5	813.6	775.4	725.3	665.7
42.5°	1657.7	1762.4	1807.6	1781.2	1807.6	1762.4	1657.7	1506.2	1317.3	1091.0	915.2
40°	2978.6	3152.7	3255.1	3290.7	3255.1	3152.7	2978.6	2730.5	2405.0	2025.2	1691.3
37.5°	4276.1	4436.3	4522.7	4533.0	4522.7	4436.3	4276.1	4035.3	3705.5	3310.6	2849.0
35°	5328.6	5460.6	5538.8	5597.5	5538.8	5460.6	5328.6	5129.8	4854.3	4488.4	4032.4
32.5°	6273.8	6424.2	6511.2	6491.9	6511.2	6424.2	6273.8	6065.9	5810.6	5482.6	5066.7
30°	7156.9	7321.4	7423.5	7426.5	7423.5	7321.4	7156.9	6927.2	6647.1	6313.4	5942.1
27.5°	8029.8	8214.5	8321.1	8404.5	8321.1	8214.5	8029.8	7762.1	7430.9	7079.5	6670.2
25°	8961.2	9191.3	9328.1	9410.8	9328.1	9191.3	8961.2	8639.9	8254.6	7843.3	7385.1
22.5°	9965.4	10250.5	10437.8	10515.7	10437.8	10250.5	9965.4	9581.0	9114.9	8613.0	8079.5
20°	11057.7	11411.0	11650.1	11642.9	11650.1	11411.0	11057.7	10569.4	10008.1	9403.5	8787.9
17.5°	12276.4	12732.2	13040.6	13085.3	13040.6	12732.2	12276.4	11631.6	10960.1	10258.1	9515.5
15°	13583.0	14170.7	14569.6	14693.3	14569.6	14170.7	13583.0	12825.0	11969.1	11128.8	10245.5
12.5°	14922.0	15621.0	16152.8	16329.7	16152.8	15621.0	14922.0	14023.3	12971.9	11993.1	10973.1
10°	16197.8	16972.0	17549.3	17804.8	17549.3	16972.0	16197.8	15131.6	13998.8	12839.8	11622.6
7.5°	17264.3	18050.9	18645.6	18856.0	18645.6	18050.9	17264.3	16190.7	14842.3	13552.6	12235.3
5°	17967.0	18826.4	19288.7	19548.7	19288.7	18826.4	17967.0	16842.0	15508.6	14095.5	12682.8
2.5°	18436.4	19165.1	19633.4	19872.7	19633.4	19165.1	18436.4	17328.8	16014.1	14472.1	12980.0
0°	18685.8	19427.8	19771.2	19887.7	19771.2	19427.8	18685.8	17577.9	16228.2	14626.1	13170.4
-2.5°	18436.4	19165.1	19633.4	19872.7	19633.4	19165.1	18436.4	17328.8	16014.1	14472.1	12980.0
-5°	17967.0	18826.4	19288.7	19548.7	19288.7	18826.4	17967.0	16842.0	15508.6	14095.5	12682.8
-7.5°	17264.3	18050.9	18645.6	18856.0	18645.6	18050.9	17264.3	16190.7	14842.3	13552.6	12235.3
-10°	16197.8	16972.0	17549.3	17804.8	17549.3	16972.0	16197.8	15131.6	13998.8	12839.8	11622.6
-12.5°	14922.0	15621.0	16152.8	16329.7	16152.8	15621.0	14922.0	14023.3	12971.9	11993.1	10973.1
-15°	13583.0	14170.7	14569.6	14693.3	14569.6	14170.7	13583.0	12825.0	11969.1	11128.8	10245.5
-17.5°	12276.4	12732.2	13040.6	13085.3	13040.6	12732.2	12276.4	11631.6	10960.1	10258.1	9515.5
-20°	11057.7	11411.0	11650.1	11642.9	11650.1	11411.0	11057.7	10569.4	10008.1	9403.5	8787.9



REPORT NUMBER: P558829 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9965.4	10250.5	10437.8	10515.7	10437.8	10250.5	9965.4	9581.0	9114.9	8613.0	8079.5
-25°	8961.2	9191.3	9328.1	9410.8	9328.1	9191.3	8961.2	8639.9	8254.6	7843.3	7385.1
-27.5°	8029.8	8214.5	8321.1	8404.5	8321.1	8214.5	8029.8	7762.1	7430.9	7079.5	6670.2
-30°	7156.9	7321.4	7423.5	7426.5	7423.5	7321.4	7156.9	6927.2	6647.1	6313.4	5942.1
-32.5°	6273.8	6424.2	6511.2	6491.9	6511.2	6424.2	6273.8	6065.9	5810.6	5482.6	5066.7
-35°	5328.6	5460.6	5538.8	5597.5	5538.8	5460.6	5328.6	5129.8	4854.3	4488.4	4032.4
-37.5°	4276.1	4436.3	4522.7	4533.0	4522.7	4436.3	4276.1	4035.3	3705.5	3310.6	2849.0
-40°	2978.6	3152.7	3255.1	3290.7	3255.1	3152.7	2978.6	2730.5	2405.0	2025.2	1691.3
-42.5°	1657.7	1762.4	1807.6	1781.2	1807.6	1762.4	1657.7	1506.2	1317.3	1091.0	915.2
-45°	848.5	872.4	894.2	918.2	894.2	872.4	848.5	813.6	775.4	725.3	665.7
-47.5°	643.9	654.1	667.5	685.3	667.5	654.1	643.9	630.2	616.6	602.8	585.5
-50°	566.6	576.7	590.7	607.7	590.7	576.7	566.6	554.4	543.8	538.8	534.3
-52.5°	499.7	506.4	517.4	531.5	517.4	506.4	499.7	490.5	481.1	478.5	473.2
-55°	447.3	455.5	463.3	470.3	463.3	455.5	447.3	438.1	428.4	426.4	421.2
-57.5°	405.7	412.7	418.3	422.5	418.3	412.7	405.7	397.9	389.5	384.0	376.9
-60°	360.5	364.6	370.5	376.3	370.5	364.6	360.5	355.3	349.1	342.7	335.7
-62.5°	312.2	317.2	320.7	322.5	320.7	317.2	312.2	305.9	298.6	292.2	287.0
-65°	239.2	239.1	240.0	240.4	240.0	239.1	239.2	238.1	235.7	233.7	231.3
-67.5°	195.6	197.2	199.6	201.6	199.6	197.2	195.6	193.5	191.0	188.8	186.8
-70°	157.4	157.8	152.2	144.8	152.2	157.8	157.4	157.2	157.9	158.6	157.5
-72.5°	101.0	88.6	83.0	77.6	83.0	88.6	101.0	113.1	124.8	133.1	132.4
-75°	74.7	61.7	61.1	61.2	61.1	61.7	74.7	87.3	99.6	109.1	108.8
-77.5°	56.4	45.1	44.7	44.8	44.7	45.1	56.4	67.2	77.2	85.1	84.6
-80°	38.2	32.8	33.5	34.3	33.5	32.8	38.2	43.5	48.5	53.0	54.9
-82.5°	25.8	22.3	22.4	22.4	22.4	22.3	25.8	29.1	32.2	34.8	33.9
-85°	10.0	9.0	9.0	9.0	9.0	9.0	10.0	10.9	11.9	12.7	12.1
-87.5°	1.9	1.5	1.5	1.5	1.5	1.5	1.9	2.2	2.6	2.9	2.9
-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: P558829 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-U-MWR-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°	2.8	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.1
85°	11.5	10.8	10.3	11.4	12.3	13.0	13.4	11.9	10.5	9.1	8.0
82.5°	32.8	31.6	30.2	30.4	30.5	30.5	30.1	26.4	23.0	19.7	17.1
80°	56.2	57.0	57.0	55.9	54.6	53.2	50.7	44.1	38.1	32.8	29.2
77.5°	84.1	83.6	82.9	81.0	79.1	77.2	73.4	63.6	54.0	45.4	40.8
75°	108.3	107.4	105.8	103.0	99.9	96.6	91.0	81.2	71.0	60.3	54.7
72.5°	131.3	130.0	127.7	124.2	120.4	116.5	110.9	102.4	92.0	79.4	73.1
70°	155.9	154.0	151.0	146.7	142.1	137.3	133.0	126.9	118.3	107.5	101.3
67.5°	184.2	180.8	177.6	173.1	168.7	162.9	159.1	153.9	147.4	138.3	131.3
65°	226.4	218.8	214.2	213.6	209.3	201.0	191.8	185.9	179.6	171.0	161.4
62.5°	282.5	279.2	270.7	261.5	254.4	248.4	237.2	224.8	214.1	204.3	192.9
60°	328.1	320.4	313.3	304.9	295.0	285.5	276.2	264.0	249.0	236.8	224.3
57.5°	367.8	360.3	355.5	347.5	335.9	326.2	316.0	303.8	289.0	271.3	255.6
55°	412.4	406.7	401.7	394.1	383.7	370.4	357.3	344.2	327.6	306.4	287.1
52.5°	465.4	458.5	451.0	442.9	430.6	414.3	398.8	383.3	364.1	341.1	317.6
50°	527.3	513.2	500.6	489.9	474.0	455.8	437.3	419.8	397.1	373.4	348.9
47.5°	573.8	561.6	547.6	532.0	514.0	494.6	473.9	451.9	428.1	403.4	377.7
45°	643.4	617.2	589.7	572.4	552.2	531.1	509.1	484.0	458.0	431.7	404.7
42.5°	824.4	726.3	662.8	626.2	592.5	568.8	542.2	515.1	487.4	459.3	430.7
40°	1351.8	970.7	843.3	719.3	653.8	611.2	576.7	545.0	515.7	485.9	455.7
37.5°	2319.0	1779.0	1339.3	941.8	793.7	669.0	617.1	576.1	542.7	511.6	479.9
35°	3533.9	2911.5	2190.7	1603.4	1064.0	830.8	670.4	612.9	570.2	536.6	503.1
32.5°	4589.4	3983.2	3286.7	2479.0	1737.0	1121.2	827.8	661.9	600.6	561.2	525.6
30°	5487.1	4927.0	4262.0	3457.5	2568.8	1732.5	1058.1	787.6	645.9	584.7	547.3
27.5°	6219.5	5717.0	5094.4	4362.6	3456.2	2473.2	1605.4	943.8	714.1	619.9	567.7
25°	6892.1	6362.2	5778.1	5095.1	4270.2	3278.7	2204.4	1355.5	847.8	657.6	586.7
22.5°	7530.9	6968.0	6368.0	5706.2	4942.7	3995.1	2923.7	1813.6	982.9	725.7	616.2
20°	8148.5	7528.1	6902.9	6215.3	5452.8	4626.5	3575.0	2362.5	1368.4	829.2	644.3
17.5°	8781.1	8071.1	7363.1	6663.2	5890.3	5060.7	4082.5	2914.4	1703.5	922.4	668.6
15°	9380.3	8587.2	7806.0	7036.4	6263.7	5423.0	4506.3	3406.0	2036.2	1110.9	737.5
12.5°	9987.0	9063.8	8215.7	7352.9	6577.5	5725.2	4806.8	3741.5	2426.4	1341.7	805.9
10°	10536.5	9501.0	8560.6	7647.6	6811.5	5966.4	5048.3	4011.2	2747.4	1531.5	862.2
7.5°	11007.4	9881.2	8847.7	7887.9	6999.5	6167.5	5255.5	4226.3	2989.2	1678.1	906.0
5°	11370.7	10159.0	9068.3	8084.8	7145.6	6304.7	5407.1	4383.0	3152.1	1781.1	937.5
2.5°	11589.3	10327.4	9197.7	8207.0	7236.4	6382.9	5487.4	4483.3	3255.8	1847.6	960.8
0°	11683.3	10378.3	9292.9	8289.5	7271.2	6415.7	5485.5	4521.0	3293.7	1872.3	972.0
-2.5°	11589.3	10327.4	9197.7	8207.0	7236.4	6382.9	5487.4	4483.3	3255.8	1847.6	960.8
-5°	11370.7	10159.0	9068.3	8084.8	7145.6	6304.7	5407.1	4383.0	3152.1	1781.1	937.5
-7.5°	11007.4	9881.2	8847.7	7887.9	6999.5	6167.5	5255.5	4226.3	2989.2	1678.1	906.0
-10°	10536.5	9501.0	8560.6	7647.6	6811.5	5966.4	5048.3	4011.2	2747.4	1531.5	862.2
-12.5°	9987.0	9063.8	8215.7	7352.9	6577.5	5725.2	4806.8	3741.5	2426.4	1341.7	805.9
-15°	9380.3	8587.2	7806.0	7036.4	6263.7	5423.0	4506.3	3406.0	2036.2	1110.9	737.5
-17.5°	8781.1	8071.1	7363.1	6663.2	5890.3	5060.7	4082.5	2914.4	1703.5	922.4	668.6
-20°	8148.5	7528.1	6902.9	6215.3	5452.8	4626.5	3575.0	2362.5	1368.4	829.2	644.3



REPORT NUMBER: P558829 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7530.9	6968.0	6368.0	5706.2	4942.7	3995.1	2923.7	1813.6	982.9	725.7	616.2
-25°	6892.1	6362.2	5778.1	5095.1	4270.2	3278.7	2204.4	1355.5	847.8	657.6	586.7
-27.5°	6219.5	5717.0	5094.4	4362.6	3456.2	2473.2	1605.4	943.8	714.1	619.9	567.7
-30°	5487.1	4927.0	4262.0	3457.5	2568.8	1732.5	1058.1	787.6	645.9	584.7	547.3
-32.5°	4589.4	3983.2	3286.7	2479.0	1737.0	1121.2	827.8	661.9	600.6	561.2	525.6
-35°	3533.9	2911.5	2190.7	1603.4	1064.0	830.8	670.4	612.9	570.2	536.6	503.1
-37.5°	2319.0	1779.0	1339.3	941.8	793.7	669.0	617.1	576.1	542.7	511.6	479.9
-40°	1351.8	970.7	843.3	719.3	653.8	611.2	576.7	545.0	515.7	485.9	455.7
-42.5°	824.4	726.3	662.8	626.2	592.5	568.8	542.2	515.1	487.4	459.3	430.7
-45°	643.4	617.2	589.7	572.4	552.2	531.1	509.1	484.0	458.0	431.7	404.7
-47.5°	573.8	561.6	547.6	532.0	514.0	494.6	473.9	451.9	428.1	403.4	377.7
-50°	527.3	513.2	500.6	489.9	474.0	455.8	437.3	419.8	397.1	373.4	348.9
-52.5°	465.4	458.5	451.0	442.9	430.6	414.3	398.8	383.3	364.1	341.1	317.6
-55°	412.4	406.7	401.7	394.1	383.7	370.4	357.3	344.2	327.6	306.4	287.1
-57.5°	367.8	360.3	355.5	347.5	335.9	326.2	316.0	303.8	289.0	271.3	255.6
-60°	328.1	320.4	313.3	304.9	295.0	285.5	276.2	264.0	249.0	236.8	224.3
-62.5°	282.5	279.2	270.7	261.5	254.4	248.4	237.2	224.8	214.1	204.3	192.9
-65°	226.4	218.8	214.2	213.6	209.3	201.0	191.8	185.9	179.6	171.0	161.4
-67.5°	184.2	180.8	177.6	173.1	168.7	162.9	159.1	153.9	147.4	138.3	131.3
-70°	155.9	154.0	151.0	146.7	142.1	137.3	133.0	126.9	118.3	107.5	101.3
-72.5°	131.3	130.0	127.7	124.2	120.4	116.5	110.9	102.4	92.0	79.4	73.1
-75°	108.3	107.4	105.8	103.0	99.9	96.6	91.0	81.2	71.0	60.3	54.7
-77.5°	84.1	83.6	82.9	81.0	79.1	77.2	73.4	63.6	54.0	45.4	40.8
-80°	56.2	57.0	57.0	55.9	54.6	53.2	50.7	44.1	38.1	32.8	29.2
-82.5°	32.8	31.6	30.2	30.4	30.5	30.5	30.1	26.4	23.0	19.7	17.1
-85°	11.5	10.8	10.3	11.4	12.3	13.0	13.4	11.9	10.5	9.1	8.0
-87.5°	2.8	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558829 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.5	2.9	3.2	3.4	3.6	3.8	3.8	3.8	3.6	3.3	3.0
85°	8.5	8.8	8.8	8.6	8.1	7.5	7.6	7.6	7.2	6.7	6.1
82.5°	17.8	18.5	18.9	18.9	17.7	16.5	15.2	13.8	12.3	10.3	9.1
80°	30.8	31.8	32.1	31.3	28.3	25.4	23.4	21.5	19.9	17.7	14.8
77.5°	43.9	45.9	46.7	45.7	41.6	37.5	33.4	29.8	27.6	25.1	21.9
75°	57.4	60.4	62.2	61.1	56.0	49.5	44.4	40.1	36.9	32.8	29.0
72.5°	74.5	75.9	77.5	77.2	72.7	66.3	58.0	50.5	47.0	42.3	36.5
70°	97.3	93.0	92.0	91.4	88.7	83.7	75.3	65.4	57.2	51.9	45.4
67.5°	125.3	119.4	113.3	106.9	103.6	99.1	92.5	80.9	70.1	61.6	54.3
65°	152.9	145.1	137.7	128.3	120.5	114.6	107.8	95.4	82.4	71.7	63.2
62.5°	181.2	169.6	159.7	148.8	138.6	130.2	122.9	108.9	94.3	81.3	71.2
60°	210.7	196.8	181.7	168.6	156.3	145.1	135.3	122.1	106.4	90.4	78.6
57.5°	240.7	224.4	206.0	188.8	174.1	160.4	147.1	133.7	118.2	100.7	85.1
55°	270.3	252.5	230.3	209.8	191.9	176.3	159.5	144.4	129.4	111.0	89.8
52.5°	296.7	278.0	256.0	231.3	209.8	191.4	172.9	154.8	138.9	121.2	96.3
50°	323.6	300.5	279.4	254.9	227.7	206.3	185.9	166.4	148.2	130.6	102.3
47.5°	351.6	324.6	300.0	277.0	249.2	220.9	199.0	177.7	157.2	138.7	107.6
45°	377.4	349.5	321.2	295.6	269.2	237.8	211.9	188.6	166.9	142.8	112.1
42.5°	401.8	372.6	343.0	313.7	286.0	254.3	224.2	199.7	176.3	146.0	115.3
40°	425.2	394.5	363.6	333.0	302.8	269.5	237.8	210.5	184.6	148.8	117.4
37.5°	447.5	415.3	383.0	351.5	319.9	285.1	250.2	220.8	188.6	151.8	118.9
35°	469.1	435.0	402.3	369.2	336.1	301.0	261.4	230.7	194.6	154.4	119.7
32.5°	489.7	454.3	420.5	386.3	351.3	316.9	274.0	239.7	202.0	156.4	119.9
30°	509.7	473.1	437.6	402.6	365.8	330.3	288.1	248.6	210.5	158.0	119.9
27.5°	528.8	490.5	453.6	417.5	379.9	342.5	301.8	257.3	220.1	161.1	120.7
25°	546.3	506.7	468.5	431.2	393.2	354.3	314.5	265.9	228.2	167.6	121.0
22.5°	562.6	521.4	481.9	443.7	406.1	365.7	325.3	276.4	234.8	174.3	120.9
20°	577.4	534.5	494.5	456.9	417.8	376.5	334.4	285.9	241.0	181.2	120.2
17.5°	592.1	548.2	508.9	469.5	428.6	386.4	342.9	294.4	246.7	188.0	119.1
15°	615.5	562.9	522.1	481.3	438.6	395.2	350.7	301.9	251.9	194.5	118.7
12.5°	636.4	576.1	533.9	492.2	447.8	402.9	357.8	308.3	256.6	199.1	119.2
10°	654.1	587.7	544.4	502.1	455.9	409.6	364.0	313.8	260.4	200.9	119.0
7.5°	668.5	597.6	553.4	510.9	463.5	415.9	369.7	318.4	264.1	201.1	118.0
5°	681.0	608.5	564.7	520.5	472.5	422.2	374.5	321.9	267.5	199.7	116.5
2.5°	695.1	621.6	577.2	529.0	480.3	427.4	378.2	324.3	270.1	196.8	114.4
0°	706.2	633.1	588.3	536.0	486.7	431.5	380.7	325.5	271.7	192.6	112.0
-2.5°	695.1	621.6	577.2	529.0	480.3	427.4	378.2	324.3	270.1	196.8	114.4
-5°	681.0	608.5	564.7	520.5	472.5	422.2	374.5	321.9	267.5	199.7	116.5
-7.5°	668.5	597.6	553.4	510.9	463.5	415.9	369.7	318.4	264.1	201.1	118.0
-10°	654.1	587.7	544.4	502.1	455.9	409.6	364.0	313.8	260.4	200.9	119.0
-12.5°	636.4	576.1	533.9	492.2	447.8	402.9	357.8	308.3	256.6	199.1	119.2
-15°	615.5	562.9	522.1	481.3	438.6	395.2	350.7	301.9	251.9	194.5	118.7
-17.5°	592.1	548.2	508.9	469.5	428.6	386.4	342.9	294.4	246.7	188.0	119.1
-20°	577.4	534.5	494.5	456.9	417.8	376.5	334.4	285.9	241.0	181.2	120.2



REPORT NUMBER: P558829 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	562.6	521.4	481.9	443.7	406.1	365.7	325.3	276.4	234.8	174.3	120.9
-25°	546.3	506.7	468.5	431.2	393.2	354.3	314.5	265.9	228.2	167.6	121.0
-27.5°	528.8	490.5	453.6	417.5	379.9	342.5	301.8	257.3	220.1	161.1	120.7
-30°	509.7	473.1	437.6	402.6	365.8	330.3	288.1	248.6	210.5	158.0	119.9
-32.5°	489.7	454.3	420.5	386.3	351.3	316.9	274.0	239.7	202.0	156.4	119.9
-35°	469.1	435.0	402.3	369.2	336.1	301.0	261.4	230.7	194.6	154.4	119.7
-37.5°	447.5	415.3	383.0	351.5	319.9	285.1	250.2	220.8	188.6	151.8	118.9
-40°	425.2	394.5	363.6	333.0	302.8	269.5	237.8	210.5	184.6	148.8	117.4
-42.5°	401.8	372.6	343.0	313.7	286.0	254.3	224.2	199.7	176.3	146.0	115.3
-45°	377.4	349.5	321.2	295.6	269.2	237.8	211.9	188.6	166.9	142.8	112.1
-47.5°	351.6	324.6	300.0	277.0	249.2	220.9	199.0	177.7	157.2	138.7	107.6
-50°	323.6	300.5	279.4	254.9	227.7	206.3	185.9	166.4	148.2	130.6	102.3
-52.5°	296.7	278.0	256.0	231.3	209.8	191.4	172.9	154.8	138.9	121.2	96.3
-55°	270.3	252.5	230.3	209.8	191.9	176.3	159.5	144.4	129.4	111.0	89.8
-57.5°	240.7	224.4	206.0	188.8	174.1	160.4	147.1	133.7	118.2	100.7	85.1
-60°	210.7	196.8	181.7	168.6	156.3	145.1	135.3	122.1	106.4	90.4	78.6
-62.5°	181.2	169.6	159.7	148.8	138.6	130.2	122.9	108.9	94.3	81.3	71.2
-65°	152.9	145.1	137.7	128.3	120.5	114.6	107.8	95.4	82.4	71.7	63.2
-67.5°	125.3	119.4	113.3	106.9	103.6	99.1	92.5	80.9	70.1	61.6	54.3
-70°	97.3	93.0	92.0	91.4	88.7	83.7	75.3	65.4	57.2	51.9	45.4
-72.5°	74.5	75.9	77.5	77.2	72.7	66.3	58.0	50.5	47.0	42.3	36.5
-75°	57.4	60.4	62.2	61.1	56.0	49.5	44.4	40.1	36.9	32.8	29.0
-77.5°	43.9	45.9	46.7	45.7	41.6	37.5	33.4	29.8	27.6	25.1	21.9
-80°	30.8	31.8	32.1	31.3	28.3	25.4	23.4	21.5	19.9	17.7	14.8
-82.5°	17.8	18.5	18.9	18.9	17.7	16.5	15.2	13.8	12.3	10.3	9.1
-85°	8.5	8.8	8.8	8.6	8.1	7.5	7.6	7.6	7.2	6.7	6.1
-87.5°	2.5	2.9	3.2	3.4	3.6	3.8	3.8	3.8	3.6	3.3	3.0
-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	2.1	1.6	1.1	0.7	0.3	0.0
85°	5.4	4.2	3.1	2.1	1.3	0.7	0.0
82.5°	8.1	6.3	4.7	3.2	2.0	1.0	0.0
80°	11.2	8.4	6.2	4.3	2.6	1.3	0.0
77.5°	17.5	11.4	7.7	5.3	3.2	1.6	0.0
75°	23.7	16.2	9.5	6.3	3.9	1.9	0.0
72.5°	29.8	20.9	13.1	7.3	4.5	2.3	0.0
70°	35.9	25.5	16.5	8.6	5.1	2.6	0.0
67.5°	42.9	30.0	19.8	10.9	5.7	2.9	0.0
65°	49.7	34.8	23.0	13.1	6.3	3.2	0.0
62.5°	56.2	39.8	26.1	15.3	6.9	3.5	0.0
60°	62.4	44.6	29.1	17.4	7.5	3.7	0.0
57.5°	66.6	49.2	32.5	19.4	8.8	4.0	0.0
55°	70.2	53.5	35.7	21.3	10.1	4.3	0.0
52.5°	73.2	57.1	38.7	23.1	11.3	4.6	0.0
50°	75.7	59.0	41.6	24.8	12.5	4.8	0.0
47.5°	78.0	60.4	44.2	26.5	13.6	5.1	0.0
45°	81.8	61.6	46.6	28.2	14.7	5.3	0.0
42.5°	85.0	62.3	48.7	29.9	15.7	5.5	0.0
40°	87.6	62.6	49.9	31.6	16.7	5.7	0.0
37.5°	89.6	62.6	50.0	33.4	17.6	5.9	0.0
35°	91.1	63.4	50.0	35.1	18.5	6.1	0.0
32.5°	91.8	64.4	49.7	36.8	19.3	6.3	0.0
30°	91.7	65.0	49.2	38.4	20.0	6.5	0.0
27.5°	91.2	65.2	49.7	39.9	20.7	6.7	0.0
25°	90.2	65.0	50.3	41.4	21.3	6.8	0.0
22.5°	88.8	65.1	50.8	42.8	21.9	6.9	0.0
20°	86.9	66.8	51.2	44.2	22.4	7.0	0.0
17.5°	87.0	68.3	51.5	45.4	22.8	7.2	0.0
15°	88.3	69.6	51.8	46.5	23.1	7.2	0.0
12.5°	89.3	70.7	52.0	47.5	23.4	7.3	0.0
10°	90.2	71.6	52.1	48.5	23.7	7.4	0.0
7.5°	90.7	72.3	52.2	49.3	23.8	7.4	0.0
5°	91.1	72.8	52.3	49.9	23.9	7.5	0.0
2.5°	91.2	73.1	52.3	50.4	23.9	7.5	0.0
0°	91.1	73.2	52.3	50.8	23.9	7.5	0.0
-2.5°	91.2	73.1	52.3	50.4	23.9	7.5	0.0
-5°	91.1	72.8	52.3	49.9	23.9	7.5	0.0
-7.5°	90.7	72.3	52.2	49.3	23.8	7.4	0.0
-10°	90.2	71.6	52.1	48.5	23.7	7.4	0.0
-12.5°	89.3	70.7	52.0	47.5	23.4	7.3	0.0
-15°	88.3	69.6	51.8	46.5	23.1	7.2	0.0
-17.5°	87.0	68.3	51.5	45.4	22.8	7.2	0.0
-20°	86.9	66.8	51.2	44.2	22.4	7.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	88.8	65.1	50.8	42.8	21.9	6.9	0.0
-25°	90.2	65.0	50.3	41.4	21.3	6.8	0.0
-27.5°	91.2	65.2	49.7	39.9	20.7	6.7	0.0
-30°	91.7	65.0	49.2	38.4	20.0	6.5	0.0
-32.5°	91.8	64.4	49.7	36.8	19.3	6.3	0.0
-35°	91.1	63.4	50.0	35.1	18.5	6.1	0.0
-37.5°	89.6	62.6	50.0	33.4	17.6	5.9	0.0
-40°	87.6	62.6	49.9	31.6	16.7	5.7	0.0
-42.5°	85.0	62.3	48.7	29.9	15.7	5.5	0.0
-45°	81.8	61.6	46.6	28.2	14.7	5.3	0.0
-47.5°	78.0	60.4	44.2	26.5	13.6	5.1	0.0
-50°	75.7	59.0	41.6	24.8	12.5	4.8	0.0
-52.5°	73.2	57.1	38.7	23.1	11.3	4.6	0.0
-55°	70.2	53.5	35.7	21.3	10.1	4.3	0.0
-57.5°	66.6	49.2	32.5	19.4	8.8	4.0	0.0
-60°	62.4	44.6	29.1	17.4	7.5	3.7	0.0
-62.5°	56.2	39.8	26.1	15.3	6.9	3.5	0.0
-65°	49.7	34.8	23.0	13.1	6.3	3.2	0.0
-67.5°	42.9	30.0	19.8	10.9	5.7	2.9	0.0
-70°	35.9	25.5	16.5	8.6	5.1	2.6	0.0
-72.5°	29.8	20.9	13.1	7.3	4.5	2.3	0.0
-75°	23.7	16.2	9.5	6.3	3.9	1.9	0.0
-77.5°	17.5	11.4	7.7	5.3	3.2	1.6	0.0
-80°	11.2	8.4	6.2	4.3	2.6	1.3	0.0
-82.5°	8.1	6.3	4.7	3.2	2.0	1.0	0.0
-85°	5.4	4.2	3.1	2.1	1.3	0.7	0.0
-87.5°	2.7	2.1	1.6	1.1	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)