

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: P558598 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-930-U-NAT-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558598 (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-SA1E-930-U-NAT-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4  
Light Source: (16) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

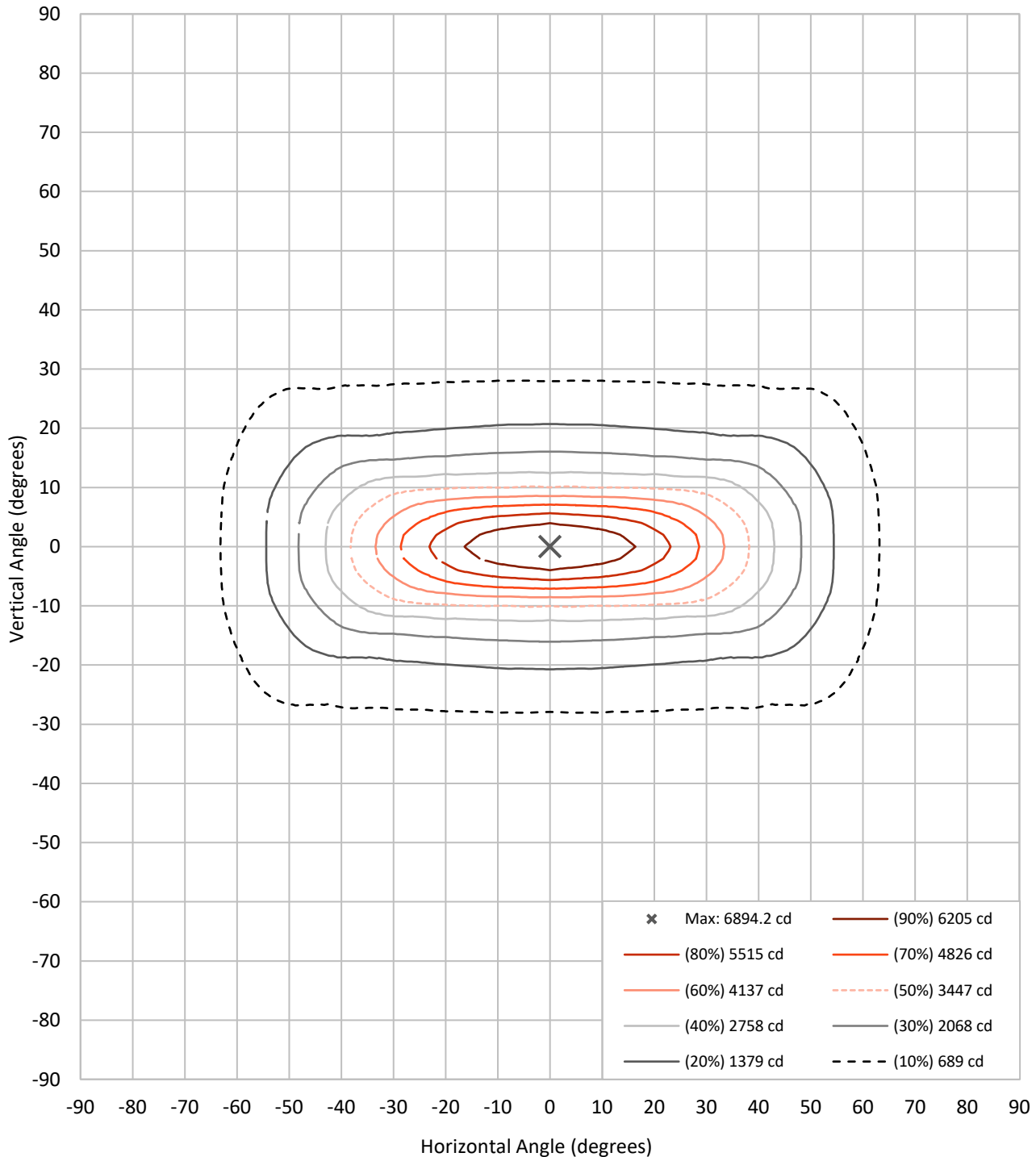
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	4937.5 lumens	Max Intensity:	6894.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	77.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	1975.5 lumens	Field Lumens:	4046.8 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 64  
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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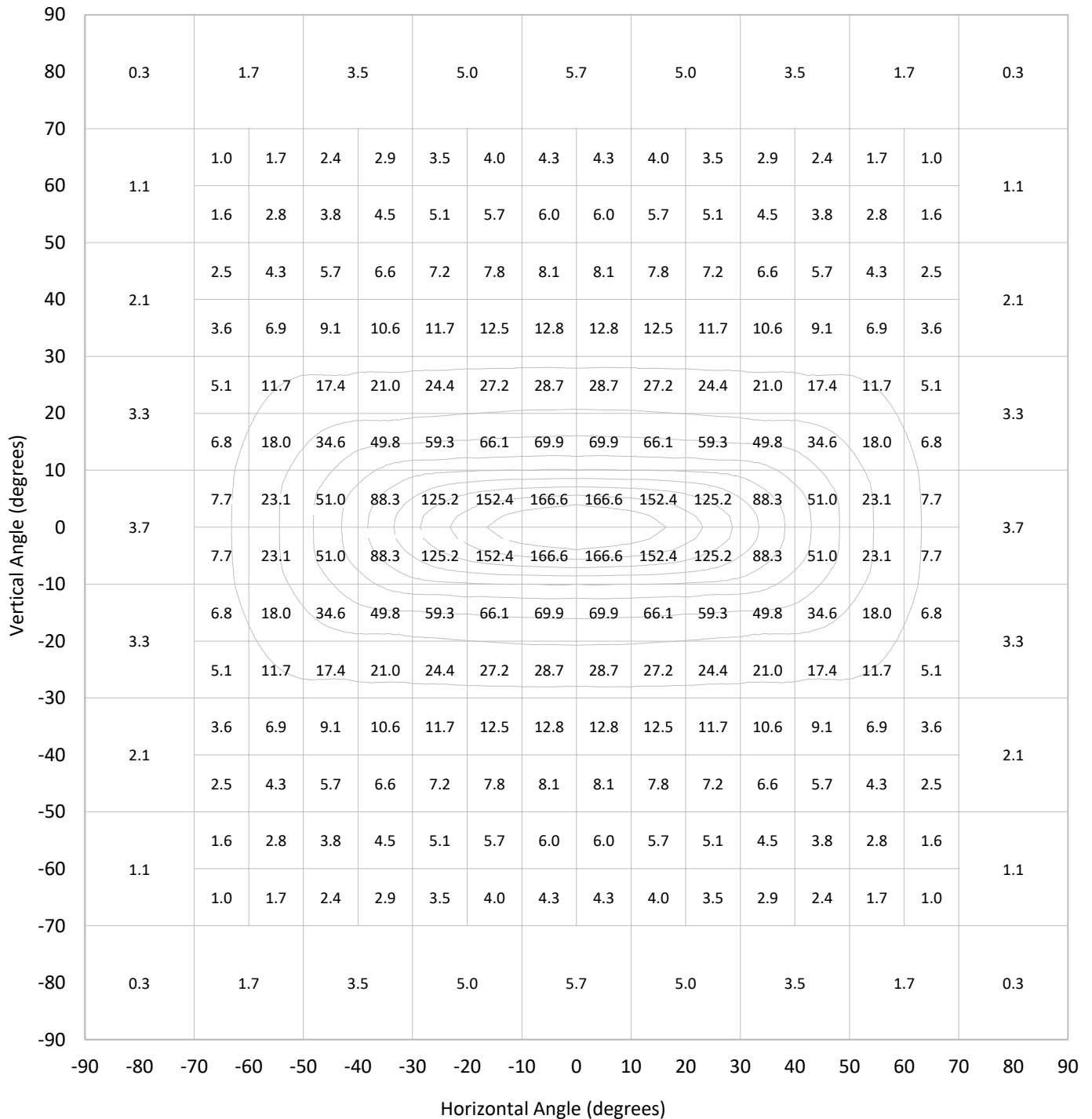
### Iso-Candela Plot





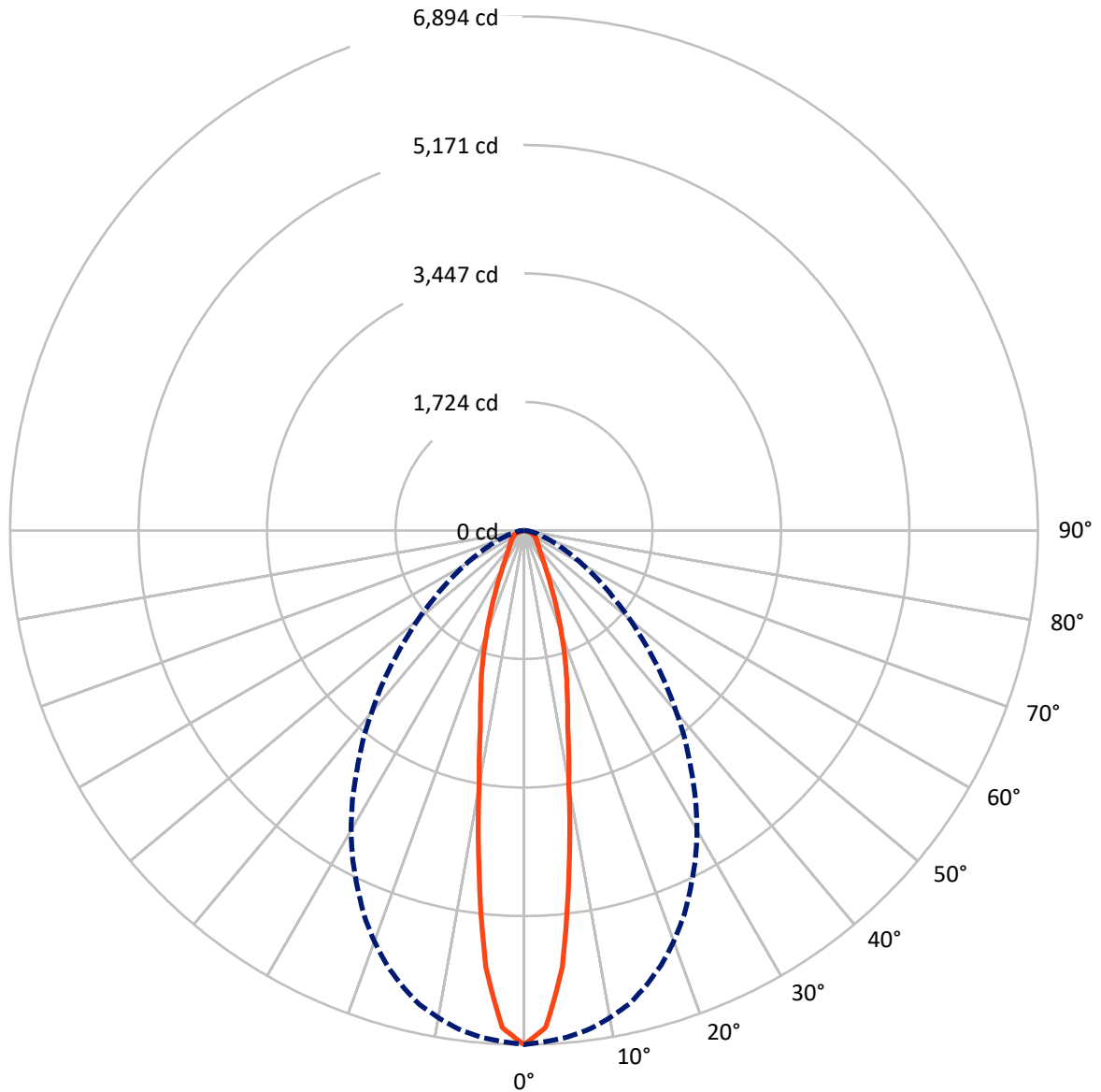
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### Lumen Table



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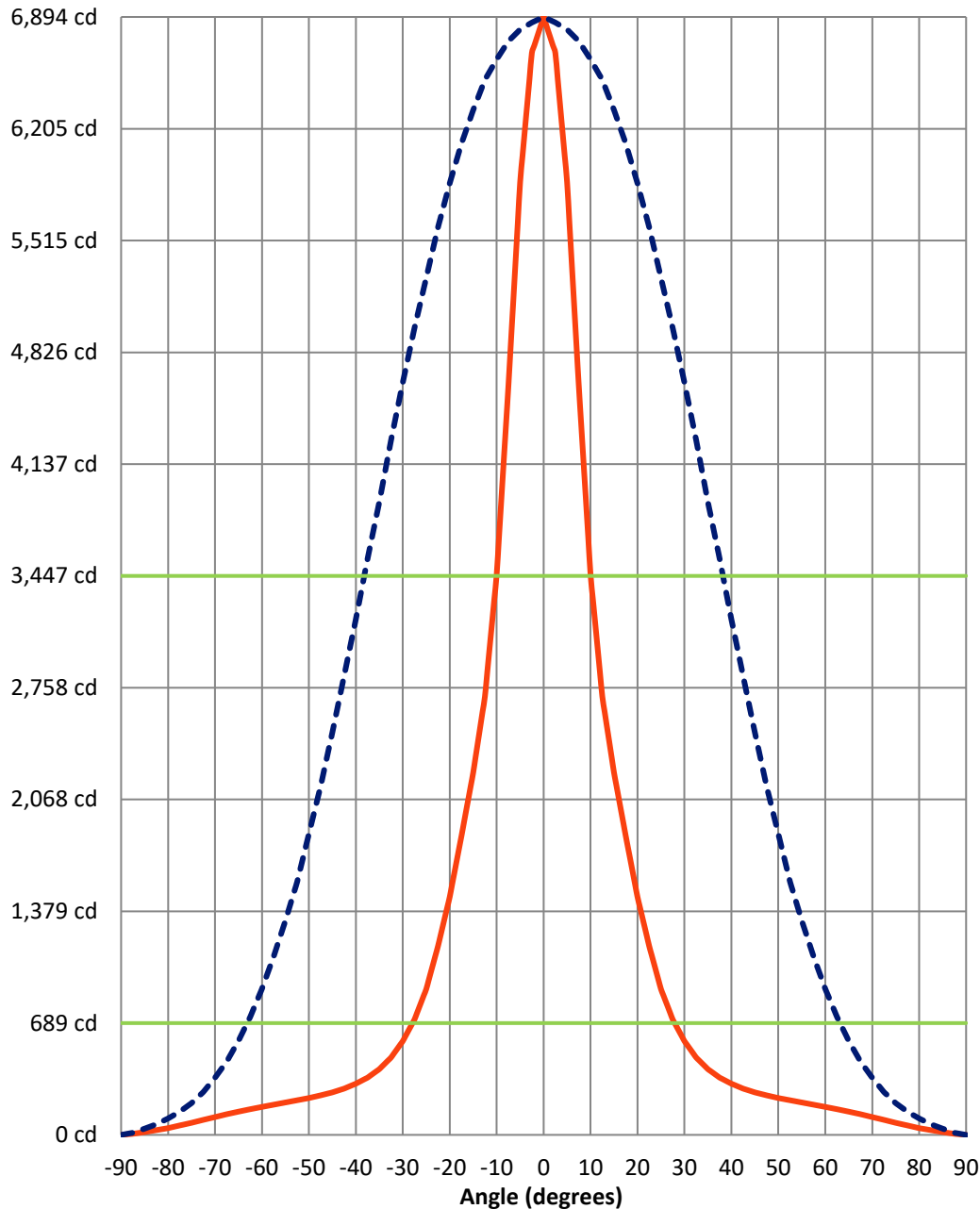
### Luminous Intensity Polar Plot



— 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: 1975.5  
 Efficiency: 40.0%

**Field:**  
 H Angle: 126.3°  
 V Angle: 55.8°  
 Lumens: 4046.8  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 890.7  
 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	0.6	1.2	1.6	2.1	2.4	2.7	3.1	3.5	3.8	4.1
85°	0.0	1.2	2.3	3.3	4.1	4.9	5.5	6.2	6.9	7.5	8.1
82.5°	0.0	1.7	3.4	4.9	6.2	7.3	8.2	9.3	10.6	12.6	14.5
80°	0.0	2.3	4.6	6.5	8.3	9.7	11.3	14.4	17.2	19.8	22.1
77.5°	0.0	2.9	5.7	8.2	10.3	12.9	16.6	20.4	23.8	27.0	30.0
75°	0.0	3.4	6.8	9.8	12.7	17.5	22.0	26.3	30.5	34.8	38.4
72.5°	0.0	4.0	7.9	11.4	16.4	22.1	27.3	32.5	38.0	42.7	46.8
70°	0.0	4.5	9.0	13.2	20.2	26.6	32.7	39.4	45.5	50.8	56.0
67.5°	0.0	5.1	10.1	16.1	23.9	31.1	38.8	46.2	52.9	59.9	65.5
65°	0.0	5.6	11.1	18.9	27.5	36.0	44.9	52.9	61.6	69.1	75.7
62.5°	0.0	6.1	12.2	21.6	31.1	41.2	51.0	60.6	70.3	78.8	87.4
60°	0.0	6.6	13.2	24.4	34.7	46.5	57.0	68.6	79.0	89.7	99.1
57.5°	0.0	7.1	15.0	27.0	38.9	51.6	63.9	76.5	88.8	100.6	111.7
55°	0.0	7.6	16.7	29.7	43.1	56.7	70.8	84.5	98.8	112.0	125.1
52.5°	0.0	8.0	18.4	32.2	47.2	61.9	77.7	93.4	108.8	124.9	138.8
50°	0.0	8.5	20.0	34.7	51.2	67.5	84.4	102.4	119.4	137.9	155.2
47.5°	0.0	8.9	21.6	37.3	55.1	73.0	91.2	111.5	131.4	151.2	172.3
45°	0.0	9.3	23.2	40.2	59.0	78.5	99.0	120.6	143.7	167.4	190.1
42.5°	0.0	9.7	24.7	43.0	62.7	83.7	106.8	130.7	156.0	184.1	210.4
40°	0.0	10.1	26.1	45.6	66.6	88.9	114.6	141.3	169.2	201.0	231.7
37.5°	0.0	10.5	27.4	48.0	70.5	93.8	122.2	151.9	184.1	218.8	253.8
35°	0.0	10.8	28.7	50.3	74.3	99.5	129.7	162.3	199.0	238.4	277.6
32.5°	0.0	11.1	29.9	52.5	77.9	105.4	137.4	172.5	213.8	258.3	303.9
30°	0.0	11.4	31.1	54.4	81.4	111.1	145.6	183.0	228.4	278.4	330.8
27.5°	0.0	11.7	32.2	56.2	84.2	116.6	153.6	194.9	243.7	298.6	358.1
25°	0.0	12.0	33.2	57.9	86.9	121.8	161.2	206.5	260.2	320.6	385.9
22.5°	0.0	12.2	34.1	59.4	89.3	126.5	168.5	217.6	276.4	343.3	416.2
20°	0.0	12.4	34.9	60.7	91.6	130.1	175.5	228.3	292.2	365.6	446.3
17.5°	0.0	12.6	35.7	61.8	93.6	133.3	180.7	238.5	307.4	387.5	475.9
15°	0.0	12.7	36.3	62.8	95.4	136.0	184.6	246.5	322.0	408.7	504.7
12.5°	0.0	12.9	36.9	63.6	97.0	138.3	187.9	251.7	332.4	429.0	532.5
10°	0.0	13.0	37.4	64.3	98.4	140.1	190.7	256.0	339.1	438.6	554.2
7.5°	0.0	13.1	37.8	64.8	99.5	141.5	192.9	259.4	344.5	444.9	564.0
5°	0.0	13.1	38.1	65.1	100.3	142.5	194.4	261.9	348.5	449.2	571.6
2.5°	0.0	13.2	38.3	65.3	100.9	143.1	195.4	263.5	351.3	451.7	576.9
0°	0.0	13.2	38.4	65.3	101.2	143.2	195.8	264.1	352.6	452.3	579.7
-2.5°	0.0	13.2	38.3	65.3	100.9	143.1	195.4	263.5	351.3	451.7	576.9
-5°	0.0	13.1	38.1	65.1	100.3	142.5	194.4	261.9	348.5	449.2	571.6
-7.5°	0.0	13.1	37.8	64.8	99.5	141.5	192.9	259.4	344.5	444.9	564.0
-10°	0.0	13.0	37.4	64.3	98.4	140.1	190.7	256.0	339.1	438.6	554.2
-12.5°	0.0	12.9	36.9	63.6	97.0	138.3	187.9	251.7	332.4	429.0	532.5
-15°	0.0	12.7	36.3	62.8	95.4	136.0	184.6	246.5	322.0	408.7	504.7
-17.5°	0.0	12.6	35.7	61.8	93.6	133.3	180.7	238.5	307.4	387.5	475.9
-20°	0.0	12.4	34.9	60.7	91.6	130.1	175.5	228.3	292.2	365.6	446.3



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	12.2	34.1	59.4	89.3	126.5	168.5	217.6	276.4	343.3	416.2
-25°	0.0	12.0	33.2	57.9	86.9	121.8	161.2	206.5	260.2	320.6	385.9
-27.5°	0.0	11.7	32.2	56.2	84.2	116.6	153.6	194.9	243.7	298.6	358.1
-30°	0.0	11.4	31.1	54.4	81.4	111.1	145.6	183.0	228.4	278.4	330.8
-32.5°	0.0	11.1	29.9	52.5	77.9	105.4	137.4	172.5	213.8	258.3	303.9
-35°	0.0	10.8	28.7	50.3	74.3	99.5	129.7	162.3	199.0	238.4	277.6
-37.5°	0.0	10.5	27.4	48.0	70.5	93.8	122.2	151.9	184.1	218.8	253.8
-40°	0.0	10.1	26.1	45.6	66.6	88.9	114.6	141.3	169.2	201.0	231.7
-42.5°	0.0	9.7	24.7	43.0	62.7	83.7	106.8	130.7	156.0	184.1	210.4
-45°	0.0	9.3	23.2	40.2	59.0	78.5	99.0	120.6	143.7	167.4	190.1
-47.5°	0.0	8.9	21.6	37.3	55.1	73.0	91.2	111.5	131.4	151.2	172.3
-50°	0.0	8.5	20.0	34.7	51.2	67.5	84.4	102.4	119.4	137.9	155.2
-52.5°	0.0	8.0	18.4	32.2	47.2	61.9	77.7	93.4	108.8	124.9	138.8
-55°	0.0	7.6	16.7	29.7	43.1	56.7	70.8	84.5	98.8	112.0	125.1
-57.5°	0.0	7.1	15.0	27.0	38.9	51.6	63.9	76.5	88.8	100.6	111.7
-60°	0.0	6.6	13.2	24.4	34.7	46.5	57.0	68.6	79.0	89.7	99.1
-62.5°	0.0	6.1	12.2	21.6	31.1	41.2	51.0	60.6	70.3	78.8	87.4
-65°	0.0	5.6	11.1	18.9	27.5	36.0	44.9	52.9	61.6	69.1	75.7
-67.5°	0.0	5.1	10.1	16.1	23.9	31.1	38.8	46.2	52.9	59.9	65.5
-70°	0.0	4.5	9.0	13.2	20.2	26.6	32.7	39.4	45.5	50.8	56.0
-72.5°	0.0	4.0	7.9	11.4	16.4	22.1	27.3	32.5	38.0	42.7	46.8
-75°	0.0	3.4	6.8	9.8	12.7	17.5	22.0	26.3	30.5	34.8	38.4
-77.5°	0.0	2.9	5.7	8.2	10.3	12.9	16.6	20.4	23.8	27.0	30.0
-80°	0.0	2.3	4.6	6.5	8.3	9.7	11.3	14.4	17.2	19.8	22.1
-82.5°	0.0	1.7	3.4	4.9	6.2	7.3	8.2	9.3	10.6	12.6	14.5
-85°	0.0	1.2	2.3	3.3	4.1	4.9	5.5	6.2	6.9	7.5	8.1
-87.5°	0.0	0.6	1.2	1.6	2.1	2.4	2.7	3.1	3.5	3.8	4.1
-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-SA1E-930-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°	4.4	4.7	5.0	5.2	5.5	5.7	5.9	6.1	6.3	6.6	6.8
85°	8.7	9.3	10.4	11.2	11.9	12.6	13.2	13.6	14.1	14.5	14.8
82.5°	16.1	17.5	18.5	19.4	20.3	21.1	21.8	22.3	23.0	23.6	24.1
80°	24.1	25.6	27.2	28.6	29.9	30.9	31.6	31.8	32.6	33.7	34.7
77.5°	32.6	35.0	37.0	38.8	40.2	41.5	42.4	42.9	44.2	45.7	46.9
75°	41.5	44.4	47.2	49.7	51.6	53.1	54.1	55.0	56.6	58.5	60.1
72.5°	50.8	54.6	57.9	60.8	63.4	65.5	67.0	68.0	69.5	71.8	73.6
70°	60.5	64.9	69.4	73.1	75.9	78.3	80.3	81.6	83.0	85.3	87.0
67.5°	70.6	76.8	81.8	85.7	88.9	91.8	94.1	95.5	96.1	98.4	100.4
65°	82.4	89.1	94.7	99.1	102.3	105.9	108.4	109.6	110.0	112.5	114.9
62.5°	94.5	101.9	108.0	113.1	117.2	120.7	123.4	125.0	125.2	127.1	129.9
60°	107.4	115.0	122.3	128.5	132.8	136.4	139.4	141.0	141.4	142.1	145.2
57.5°	120.9	129.0	137.6	144.5	149.6	152.5	155.8	157.6	158.4	157.9	161.1
55°	135.5	144.0	153.7	161.7	167.1	169.7	172.8	175.5	176.4	175.8	177.7
52.5°	152.1	160.6	170.9	179.7	185.7	188.9	191.1	194.3	195.7	195.1	194.7
50°	169.5	180.2	188.7	198.7	206.0	210.3	210.3	214.3	216.2	215.6	213.0
47.5°	189.3	201.3	207.7	219.2	228.7	233.7	234.0	235.6	237.9	238.5	236.3
45°	210.6	225.2	232.1	242.4	253.1	259.1	260.9	258.1	262.3	263.6	262.2
42.5°	233.0	251.7	262.6	266.8	279.2	287.6	290.8	288.8	288.6	291.6	291.5
40°	259.0	280.4	296.8	301.1	307.4	319.0	325.8	325.5	317.8	323.3	324.7
37.5°	286.7	314.5	334.8	343.9	339.1	354.5	364.5	368.6	363.8	358.5	364.6
35°	315.9	351.1	378.4	393.8	394.5	394.2	409.8	418.2	418.8	409.0	411.2
32.5°	348.6	389.8	426.0	451.0	462.3	455.3	459.3	477.0	485.7	481.9	467.8
30°	383.6	434.3	478.7	513.8	539.1	546.5	529.7	543.5	562.6	570.3	564.1
27.5°	419.1	481.4	537.8	586.5	625.6	650.4	651.0	629.7	651.4	669.9	677.0
25°	455.1	528.6	600.4	666.4	725.6	768.3	787.9	790.2	759.7	787.4	813.1
22.5°	493.5	577.1	662.4	751.6	834.1	896.7	944.2	972.9	971.9	942.9	965.6
20°	534.1	630.0	729.2	835.0	947.6	1033.6	1113.3	1174.3	1211.0	1223.2	1199.4
17.5°	574.6	683.3	799.4	925.4	1055.6	1174.9	1294.3	1391.7	1468.7	1532.0	1554.7
15°	614.7	736.5	869.9	1016.4	1166.9	1316.2	1469.8	1618.8	1750.0	1865.8	1934.5
12.5°	653.8	788.9	939.7	1106.9	1279.7	1459.4	1642.7	1824.2	2013.2	2200.8	2343.4
10°	691.5	840.0	1008.2	1195.9	1392.4	1602.6	1815.3	2030.8	2260.3	2481.6	2694.5
7.5°	707.7	873.4	1067.2	1282.2	1503.2	1743.6	1985.3	2235.4	2503.7	2761.8	3021.9
5°	717.6	886.6	1083.7	1307.7	1553.6	1835.6	2124.1	2433.8	2739.9	3037.1	3343.5
2.5°	724.2	895.7	1094.8	1317.8	1561.1	1850.7	2142.8	2464.5	2807.9	3151.5	3516.3
0°	727.5	900.5	1100.3	1320.9	1560.1	1855.6	2150.0	2481.9	2829.9	3179.5	3552.8
-2.5°	724.2	895.7	1094.8	1317.8	1561.1	1850.7	2142.8	2464.5	2807.9	3151.5	3516.3
-5°	717.6	886.6	1083.7	1307.7	1553.6	1835.6	2124.1	2433.8	2739.9	3037.1	3343.5
-7.5°	707.7	873.4	1067.2	1282.2	1503.2	1743.6	1985.3	2235.4	2503.7	2761.8	3021.9
-10°	691.5	840.0	1008.2	1195.9	1392.4	1602.6	1815.3	2030.8	2260.3	2481.6	2694.5
-12.5°	653.8	788.9	939.7	1106.9	1279.7	1459.4	1642.7	1824.2	2013.2	2200.8	2343.4
-15°	614.7	736.5	869.9	1016.4	1166.9	1316.2	1469.8	1618.8	1750.0	1865.8	1934.5
-17.5°	574.6	683.3	799.4	925.4	1055.6	1174.9	1294.3	1391.7	1468.7	1532.0	1554.7
-20°	534.1	630.0	729.2	835.0	947.6	1033.6	1113.3	1174.3	1211.0	1223.2	1199.4



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	493.5	577.1	662.4	751.6	834.1	896.7	944.2	972.9	971.9	942.9	965.6
-25°	455.1	528.6	600.4	666.4	725.6	768.3	787.9	790.2	759.7	787.4	813.1
-27.5°	419.1	481.4	537.8	586.5	625.6	650.4	651.0	629.7	651.4	669.9	677.0
-30°	383.6	434.3	478.7	513.8	539.1	546.5	529.7	543.5	562.6	570.3	564.1
-32.5°	348.6	389.8	426.0	451.0	462.3	455.3	459.3	477.0	485.7	481.9	467.8
-35°	315.9	351.1	378.4	393.8	394.5	394.2	409.8	418.2	418.8	409.0	411.2
-37.5°	286.7	314.5	334.8	343.9	339.1	354.5	364.5	368.6	363.8	358.5	364.6
-40°	259.0	280.4	296.8	301.1	307.4	319.0	325.8	325.5	317.8	323.3	324.7
-42.5°	233.0	251.7	262.6	266.8	279.2	287.6	290.8	288.8	288.6	291.6	291.5
-45°	210.6	225.2	232.1	242.4	253.1	259.1	260.9	258.1	262.3	263.6	262.2
-47.5°	189.3	201.3	207.7	219.2	228.7	233.7	234.0	235.6	237.9	238.5	236.3
-50°	169.5	180.2	188.7	198.7	206.0	210.3	210.3	214.3	216.2	215.6	213.0
-52.5°	152.1	160.6	170.9	179.7	185.7	188.9	191.1	194.3	195.7	195.1	194.7
-55°	135.5	144.0	153.7	161.7	167.1	169.7	172.8	175.5	176.4	175.8	177.7
-57.5°	120.9	129.0	137.6	144.5	149.6	152.5	155.8	157.6	158.4	157.9	161.1
-60°	107.4	115.0	122.3	128.5	132.8	136.4	139.4	141.0	141.4	142.1	145.2
-62.5°	94.5	101.9	108.0	113.1	117.2	120.7	123.4	125.0	125.2	127.1	129.9
-65°	82.4	89.1	94.7	99.1	102.3	105.9	108.4	109.6	110.0	112.5	114.9
-67.5°	70.6	76.8	81.8	85.7	88.9	91.8	94.1	95.5	96.1	98.4	100.4
-70°	60.5	64.9	69.4	73.1	75.9	78.3	80.3	81.6	83.0	85.3	87.0
-72.5°	50.8	54.6	57.9	60.8	63.4	65.5	67.0	68.0	69.5	71.8	73.6
-75°	41.5	44.4	47.2	49.7	51.6	53.1	54.1	55.0	56.6	58.5	60.1
-77.5°	32.6	35.0	37.0	38.8	40.2	41.5	42.4	42.9	44.2	45.7	46.9
-80°	24.1	25.6	27.2	28.6	29.9	30.9	31.6	31.8	32.6	33.7	34.7
-82.5°	16.1	17.5	18.5	19.4	20.3	21.1	21.8	22.3	23.0	23.6	24.1
-85°	8.7	9.3	10.4	11.2	11.9	12.6	13.2	13.6	14.1	14.5	14.8
-87.5°	4.4	4.7	5.0	5.2	5.5	5.7	5.9	6.1	6.3	6.6	6.8
-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: P558598 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-930-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°	7.0	6.9	6.8	6.6	6.4	6.4	6.4	6.4	6.4	6.3	6.3
85°	15.1	15.3	15.6	15.9	16.1	16.4	16.6	16.8	16.9	16.9	16.9
82.5°	24.5	25.4	26.2	27.0	27.7	28.1	28.3	28.5	28.6	28.8	29.0
80°	35.6	36.8	37.9	38.8	39.6	40.1	40.6	41.0	41.2	41.5	41.7
77.5°	48.1	49.5	50.8	51.9	52.9	53.8	54.6	55.2	55.6	56.3	57.0
75°	61.5	63.0	64.6	66.0	67.3	68.6	70.0	71.2	72.2	73.1	73.8
72.5°	75.0	76.6	78.6	80.4	82.1	83.9	85.6	87.2	88.5	89.8	90.9
70°	88.3	89.8	92.3	94.8	97.1	99.2	101.3	103.2	104.9	106.6	108.0
67.5°	102.1	103.7	106.8	109.6	112.1	114.5	117.0	119.2	121.1	122.8	124.3
65°	116.8	118.2	121.6	124.6	127.3	129.5	132.2	134.6	136.8	138.7	140.3
62.5°	132.0	133.4	136.2	139.2	141.7	143.9	147.0	149.7	152.0	153.9	155.5
60°	147.4	148.6	150.7	154.1	156.9	159.2	162.0	164.6	166.9	168.8	170.5
57.5°	163.4	164.6	165.6	169.0	171.7	173.8	176.2	178.8	181.0	182.8	184.6
55°	180.0	180.9	180.5	183.6	186.2	187.9	189.7	192.5	194.6	196.2	197.8
52.5°	196.9	198.0	197.2	198.5	201.3	202.9	203.6	206.6	208.8	210.2	211.7
50°	215.7	216.6	215.9	215.1	217.8	219.5	219.9	222.3	224.3	225.4	226.4
47.5°	236.1	237.2	236.6	233.7	236.1	238.2	238.2	239.2	241.3	242.1	242.8
45°	258.3	260.4	260.0	257.9	257.6	259.7	259.5	258.6	261.0	262.1	262.4
42.5°	287.5	286.8	287.5	286.3	282.6	284.9	285.2	282.2	285.2	286.5	285.7
40°	323.1	316.6	320.2	319.7	316.3	315.7	317.6	315.1	315.6	317.4	316.0
37.5°	365.5	360.9	358.9	360.5	359.5	355.1	358.6	357.8	355.0	358.1	356.7
35°	417.8	416.4	405.9	412.3	413.6	409.4	410.7	412.5	406.5	411.2	410.7
32.5°	478.8	481.9	479.7	475.8	481.7	482.5	475.5	483.9	480.5	481.7	485.0
30°	548.0	563.9	571.6	564.7	568.4	575.8	572.4	578.2	580.9	576.7	584.8
27.5°	668.8	663.2	681.7	689.8	681.2	694.6	704.4	700.0	714.4	705.9	718.0
25°	822.4	814.2	819.1	845.7	851.6	844.8	872.3	875.6	886.9	888.3	896.8
22.5°	1002.8	1022.8	1020.5	1028.5	1062.0	1073.2	1083.4	1109.9	1103.9	1127.9	1132.1
20°	1204.6	1254.7	1289.3	1296.6	1310.9	1349.3	1366.9	1387.9	1401.9	1424.7	1443.9
17.5°	1545.8	1520.1	1587.9	1630.5	1652.9	1660.9	1707.2	1722.3	1757.1	1777.0	1796.7
15°	1984.0	1999.0	1968.3	2008.9	2077.5	2100.7	2074.1	2136.3	2153.8	2187.2	2193.2
12.5°	2452.3	2528.1	2565.2	2575.3	2539.5	2637.1	2676.2	2627.1	2682.8	2672.8	2718.5
10°	2899.1	3083.3	3193.6	3271.2	3318.3	3346.7	3374.9	3425.7	3426.5	3464.1	3442.1
7.5°	3266.0	3499.5	3722.6	3939.1	4112.2	4209.3	4285.5	4358.5	4456.1	4502.8	4533.1
5°	3624.9	3894.4	4161.3	4423.7	4661.2	4889.8	5113.8	5308.2	5411.1	5531.5	5638.8
2.5°	3857.1	4197.9	4538.8	4876.5	5151.0	5402.9	5636.1	5852.6	6042.6	6218.3	6366.7
0°	3902.4	4283.8	4639.4	4976.4	5285.5	5596.6	5868.2	6113.1	6320.0	6506.7	6632.6
-2.5°	3857.1	4197.9	4538.8	4876.5	5151.0	5402.9	5636.1	5852.6	6042.6	6218.3	6366.7
-5°	3624.9	3894.4	4161.3	4423.7	4661.2	4889.8	5113.8	5308.2	5411.1	5531.5	5638.8
-7.5°	3266.0	3499.5	3722.6	3939.1	4112.2	4209.3	4285.5	4358.5	4456.1	4502.8	4533.1
-10°	2899.1	3083.3	3193.6	3271.2	3318.3	3346.7	3374.9	3425.7	3426.5	3464.1	3442.1
-12.5°	2452.3	2528.1	2565.2	2575.3	2539.5	2637.1	2676.2	2627.1	2682.8	2672.8	2718.5
-15°	1984.0	1999.0	1968.3	2008.9	2077.5	2100.7	2074.1	2136.3	2153.8	2187.2	2193.2
-17.5°	1545.8	1520.1	1587.9	1630.5	1652.9	1660.9	1707.2	1722.3	1757.1	1777.0	1796.7
-20°	1204.6	1254.7	1289.3	1296.6	1310.9	1349.3	1366.9	1387.9	1401.9	1424.7	1443.9



REPORT NUMBER: P558598 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1002.8	1022.8	1020.5	1028.5	1062.0	1073.2	1083.4	1109.9	1103.9	1127.9	1132.1
-25°	822.4	814.2	819.1	845.7	851.6	844.8	872.3	875.6	886.9	888.3	896.8
-27.5°	668.8	663.2	681.7	689.8	681.2	694.6	704.4	700.0	714.4	705.9	718.0
-30°	548.0	563.9	571.6	564.7	568.4	575.8	572.4	578.2	580.9	576.7	584.8
-32.5°	478.8	481.9	479.7	475.8	481.7	482.5	475.5	483.9	480.5	481.7	485.0
-35°	417.8	416.4	405.9	412.3	413.6	409.4	410.7	412.5	406.5	411.2	410.7
-37.5°	365.5	360.9	358.9	360.5	359.5	355.1	358.6	357.8	355.0	358.1	356.7
-40°	323.1	316.6	320.2	319.7	316.3	315.7	317.6	315.1	315.6	317.4	316.0
-42.5°	287.5	286.8	287.5	286.3	282.6	284.9	285.2	282.2	285.2	286.5	285.7
-45°	258.3	260.4	260.0	257.9	257.6	259.7	259.5	258.6	261.0	262.1	262.4
-47.5°	236.1	237.2	236.6	233.7	236.1	238.2	238.2	239.2	241.3	242.1	242.8
-50°	215.7	216.6	215.9	215.1	217.8	219.5	219.9	222.3	224.3	225.4	226.4
-52.5°	196.9	198.0	197.2	198.5	201.3	202.9	203.6	206.6	208.8	210.2	211.7
-55°	180.0	180.9	180.5	183.6	186.2	187.9	189.7	192.5	194.6	196.2	197.8
-57.5°	163.4	164.6	165.6	169.0	171.7	173.8	176.2	178.8	181.0	182.8	184.6
-60°	147.4	148.6	150.7	154.1	156.9	159.2	162.0	164.6	166.9	168.8	170.5
-62.5°	132.0	133.4	136.2	139.2	141.7	143.9	147.0	149.7	152.0	153.9	155.5
-65°	116.8	118.2	121.6	124.6	127.3	129.5	132.2	134.6	136.8	138.7	140.3
-67.5°	102.1	103.7	106.8	109.6	112.1	114.5	117.0	119.2	121.1	122.8	124.3
-70°	88.3	89.8	92.3	94.8	97.1	99.2	101.3	103.2	104.9	106.6	108.0
-72.5°	75.0	76.6	78.6	80.4	82.1	83.9	85.6	87.2	88.5	89.8	90.9
-75°	61.5	63.0	64.6	66.0	67.3	68.6	70.0	71.2	72.2	73.1	73.8
-77.5°	48.1	49.5	50.8	51.9	52.9	53.8	54.6	55.2	55.6	56.3	57.0
-80°	35.6	36.8	37.9	38.8	39.6	40.1	40.6	41.0	41.2	41.5	41.7
-82.5°	24.5	25.4	26.2	27.0	27.7	28.1	28.3	28.5	28.6	28.8	29.0
-85°	15.1	15.3	15.6	15.9	16.1	16.4	16.6	16.8	16.9	16.9	16.9
-87.5°	7.0	6.9	6.8	6.6	6.4	6.4	6.4	6.4	6.4	6.3	6.3
-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: P558598 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	6.2	6.1	6.3	6.6	6.3	6.1	6.2	6.3	6.3	6.4	6.4
85°	16.8	16.6	16.9	17.2	16.9	16.6	16.8	16.9	16.9	16.9	16.8
82.5°	29.1	29.2	29.3	29.3	29.3	29.2	29.1	29.0	28.8	28.6	28.5
80°	41.8	41.8	41.7	41.5	41.7	41.8	41.8	41.7	41.5	41.2	41.0
77.5°	57.5	57.9	58.1	58.2	58.1	57.9	57.5	57.0	56.3	55.6	55.2
75°	74.3	74.5	74.6	74.4	74.6	74.5	74.3	73.8	73.1	72.2	71.2
72.5°	91.9	92.6	92.7	92.6	92.7	92.6	91.9	90.9	89.8	88.5	87.2
70°	109.3	110.2	110.2	109.8	110.2	110.2	109.3	108.0	106.6	104.9	103.2
67.5°	125.5	126.4	127.1	127.5	127.1	126.4	125.5	124.3	122.8	121.1	119.2
65°	141.6	142.5	143.0	143.2	143.0	142.5	141.6	140.3	138.7	136.8	134.6
62.5°	156.7	157.6	158.1	158.3	158.1	157.6	156.7	155.5	153.9	152.0	149.7
60°	171.8	172.7	172.9	172.5	172.9	172.7	171.8	170.5	168.8	166.9	164.6
57.5°	185.9	186.9	186.9	186.2	186.9	186.9	185.9	184.6	182.8	181.0	178.8
55°	198.9	199.6	199.9	199.8	199.9	199.6	198.9	197.8	196.2	194.6	192.5
52.5°	212.8	213.3	213.6	213.5	213.6	213.3	212.8	211.7	210.2	208.8	206.6
50°	227.2	227.2	227.2	227.1	227.2	227.2	227.2	226.4	225.4	224.3	222.3
47.5°	243.6	243.8	243.8	243.8	243.8	243.8	243.6	242.8	242.1	241.3	239.2
45°	263.1	262.6	262.0	262.0	262.0	262.6	263.1	262.4	262.1	261.0	258.6
42.5°	286.4	285.8	285.1	285.3	285.1	285.8	286.4	285.7	286.5	285.2	282.2
40°	317.2	317.1	316.1	315.7	316.1	317.1	317.2	316.0	317.4	315.6	315.1
37.5°	357.0	356.4	354.1	353.1	354.1	356.4	357.0	356.7	358.1	355.0	357.8
35°	409.2	408.5	404.9	405.2	404.9	408.5	409.2	410.7	411.2	406.5	412.5
32.5°	483.4	483.6	478.3	477.0	478.3	483.6	483.4	485.0	481.7	480.5	483.9
30°	579.7	581.8	575.5	578.2	575.5	581.8	579.7	584.8	576.7	580.9	578.2
27.5°	717.8	721.8	716.3	711.8	716.3	721.8	717.8	718.0	705.9	714.4	700.0
25°	907.8	910.8	904.5	899.0	904.5	910.8	907.8	896.8	888.3	886.9	875.6
22.5°	1155.3	1155.1	1154.8	1163.5	1154.8	1155.1	1155.3	1132.1	1127.9	1103.9	1109.9
20°	1456.3	1449.0	1460.0	1467.1	1460.0	1449.0	1456.3	1443.9	1424.7	1401.9	1387.9
17.5°	1801.3	1814.9	1825.4	1842.9	1825.4	1814.9	1801.3	1796.7	1777.0	1757.1	1722.3
15°	2208.0	2228.6	2239.1	2233.5	2239.1	2228.6	2208.0	2193.2	2187.2	2153.8	2136.3
12.5°	2720.2	2744.8	2726.6	2703.9	2726.6	2744.8	2720.2	2718.5	2672.8	2682.8	2627.1
10°	3442.5	3495.5	3498.5	3454.2	3498.5	3495.5	3442.5	3442.1	3464.1	3426.5	3425.7
7.5°	4550.8	4576.5	4615.7	4617.7	4615.7	4576.5	4550.8	4533.1	4502.8	4456.1	4358.5
5°	5687.4	5756.1	5800.3	5876.8	5800.3	5756.1	5687.4	5638.8	5531.5	5411.1	5308.2
2.5°	6462.6	6551.3	6585.4	6672.1	6585.4	6551.3	6462.6	6366.7	6218.3	6042.6	5852.6
0°	6744.9	6816.8	6859.8	6894.2	6859.8	6816.8	6744.9	6632.6	6506.7	6320.0	6113.1
-2.5°	6462.6	6551.3	6585.4	6672.1	6585.4	6551.3	6462.6	6366.7	6218.3	6042.6	5852.6
-5°	5687.4	5756.1	5800.3	5876.8	5800.3	5756.1	5687.4	5638.8	5531.5	5411.1	5308.2
-7.5°	4550.8	4576.5	4615.7	4617.7	4615.7	4576.5	4550.8	4533.1	4502.8	4456.1	4358.5
-10°	3442.5	3495.5	3498.5	3454.2	3498.5	3495.5	3442.5	3442.1	3464.1	3426.5	3425.7
-12.5°	2720.2	2744.8	2726.6	2703.9	2726.6	2744.8	2720.2	2718.5	2672.8	2682.8	2627.1
-15°	2208.0	2228.6	2239.1	2233.5	2239.1	2228.6	2208.0	2193.2	2187.2	2153.8	2136.3
-17.5°	1801.3	1814.9	1825.4	1842.9	1825.4	1814.9	1801.3	1796.7	1777.0	1757.1	1722.3
-20°	1456.3	1449.0	1460.0	1467.1	1460.0	1449.0	1456.3	1443.9	1424.7	1401.9	1387.9



REPORT NUMBER: P558598 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-930-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°	1155.3	1155.1	1154.8	1163.5	1154.8	1155.1	1155.3	1132.1	1127.9	1103.9	1109.9
-25°	907.8	910.8	904.5	899.0	904.5	910.8	907.8	896.8	888.3	886.9	875.6
-27.5°	717.8	721.8	716.3	711.8	716.3	721.8	717.8	718.0	705.9	714.4	700.0
-30°	579.7	581.8	575.5	578.2	575.5	581.8	579.7	584.8	576.7	580.9	578.2
-32.5°	483.4	483.6	478.3	477.0	478.3	483.6	483.4	485.0	481.7	480.5	483.9
-35°	409.2	408.5	404.9	405.2	404.9	408.5	409.2	410.7	411.2	406.5	412.5
-37.5°	357.0	356.4	354.1	353.1	354.1	356.4	357.0	356.7	358.1	355.0	357.8
-40°	317.2	317.1	316.1	315.7	316.1	317.1	317.2	316.0	317.4	315.6	315.1
-42.5°	286.4	285.8	285.1	285.3	285.1	285.8	286.4	285.7	286.5	285.2	282.2
-45°	263.1	262.6	262.0	262.0	262.0	262.6	263.1	262.4	262.1	261.0	258.6
-47.5°	243.6	243.8	243.8	243.8	243.8	243.8	243.6	242.8	242.1	241.3	239.2
-50°	227.2	227.2	227.2	227.1	227.2	227.2	227.2	226.4	225.4	224.3	222.3
-52.5°	212.8	213.3	213.6	213.5	213.6	213.3	212.8	211.7	210.2	208.8	206.6
-55°	198.9	199.6	199.9	199.8	199.9	199.6	198.9	197.8	196.2	194.6	192.5
-57.5°	185.9	186.9	186.9	186.2	186.9	186.9	185.9	184.6	182.8	181.0	178.8
-60°	171.8	172.7	172.9	172.5	172.9	172.7	171.8	170.5	168.8	166.9	164.6
-62.5°	156.7	157.6	158.1	158.3	158.1	157.6	156.7	155.5	153.9	152.0	149.7
-65°	141.6	142.5	143.0	143.2	143.0	142.5	141.6	140.3	138.7	136.8	134.6
-67.5°	125.5	126.4	127.1	127.5	127.1	126.4	125.5	124.3	122.8	121.1	119.2
-70°	109.3	110.2	110.2	109.8	110.2	110.2	109.3	108.0	106.6	104.9	103.2
-72.5°	91.9	92.6	92.7	92.6	92.7	92.6	91.9	90.9	89.8	88.5	87.2
-75°	74.3	74.5	74.6	74.4	74.6	74.5	74.3	73.8	73.1	72.2	71.2
-77.5°	57.5	57.9	58.1	58.2	58.1	57.9	57.5	57.0	56.3	55.6	55.2
-80°	41.8	41.8	41.7	41.5	41.7	41.8	41.8	41.7	41.5	41.2	41.0
-82.5°	29.1	29.2	29.3	29.3	29.3	29.2	29.1	29.0	28.8	28.6	28.5
-85°	16.8	16.6	16.9	17.2	16.9	16.6	16.8	16.9	16.9	16.9	16.8
-87.5°	6.2	6.1	6.3	6.6	6.3	6.1	6.2	6.3	6.3	6.4	6.4
-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: P558598 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.4	6.4	6.4	6.6	6.8	6.9	7.0	6.8	6.6	6.3	6.1
85°	16.6	16.4	16.1	15.9	15.6	15.3	15.1	14.8	14.5	14.1	13.6
82.5°	28.3	28.1	27.7	27.0	26.2	25.4	24.5	24.1	23.6	23.0	22.3
80°	40.6	40.1	39.6	38.8	37.9	36.8	35.6	34.7	33.7	32.6	31.8
77.5°	54.6	53.8	52.9	51.9	50.8	49.5	48.1	46.9	45.7	44.2	42.9
75°	70.0	68.6	67.3	66.0	64.6	63.0	61.5	60.1	58.5	56.6	55.0
72.5°	85.6	83.9	82.1	80.4	78.6	76.6	75.0	73.6	71.8	69.5	68.0
70°	101.3	99.2	97.1	94.8	92.3	89.8	88.3	87.0	85.3	83.0	81.6
67.5°	117.0	114.5	112.1	109.6	106.8	103.7	102.1	100.4	98.4	96.1	95.5
65°	132.2	129.5	127.3	124.6	121.6	118.2	116.8	114.9	112.5	110.0	109.6
62.5°	147.0	143.9	141.7	139.2	136.2	133.4	132.0	129.9	127.1	125.2	125.0
60°	162.0	159.2	156.9	154.1	150.7	148.6	147.4	145.2	142.1	141.4	141.0
57.5°	176.2	173.8	171.7	169.0	165.6	164.6	163.4	161.1	157.9	158.4	157.6
55°	189.7	187.9	186.2	183.6	180.5	180.9	180.0	177.7	175.8	176.4	175.5
52.5°	203.6	202.9	201.3	198.5	197.2	198.0	196.9	194.7	195.1	195.7	194.3
50°	219.9	219.5	217.8	215.1	215.9	216.6	215.7	213.0	215.6	216.2	214.3
47.5°	238.2	238.2	236.1	233.7	236.6	237.2	236.1	236.3	238.5	237.9	235.6
45°	259.5	259.7	257.6	257.9	260.0	260.4	258.3	262.2	263.6	262.3	258.1
42.5°	285.2	284.9	282.6	286.3	287.5	286.8	287.5	291.5	291.6	288.6	288.8
40°	317.6	315.7	316.3	319.7	320.2	316.6	323.1	324.7	323.3	317.8	325.5
37.5°	358.6	355.1	359.5	360.5	358.9	360.9	365.5	364.6	358.5	363.8	368.6
35°	410.7	409.4	413.6	412.3	405.9	416.4	417.8	411.2	409.0	418.8	418.2
32.5°	475.5	482.5	481.7	475.8	479.7	481.9	478.8	467.8	481.9	485.7	477.0
30°	572.4	575.8	568.4	564.7	571.6	563.9	548.0	564.1	570.3	562.6	543.5
27.5°	704.4	694.6	681.2	689.8	681.7	663.2	668.8	677.0	669.9	651.4	629.7
25°	872.3	844.8	851.6	845.7	819.1	814.2	822.4	813.1	787.4	759.7	790.2
22.5°	1083.4	1073.2	1062.0	1028.5	1020.5	1022.8	1002.8	965.6	942.9	971.9	972.9
20°	1366.9	1349.3	1310.9	1296.6	1289.3	1254.7	1204.6	1199.4	1223.2	1211.0	1174.3
17.5°	1707.2	1660.9	1652.9	1630.5	1587.9	1520.1	1545.8	1554.7	1532.0	1468.7	1391.7
15°	2074.1	2100.7	2077.5	2008.9	1968.3	1999.0	1984.0	1934.5	1865.8	1750.0	1618.8
12.5°	2676.2	2637.1	2539.5	2575.3	2565.2	2528.1	2452.3	2343.4	2200.8	2013.2	1824.2
10°	3374.9	3346.7	3318.3	3271.2	3193.6	3083.3	2899.1	2694.5	2481.6	2260.3	2030.8
7.5°	4285.5	4209.3	4112.2	3939.1	3722.6	3499.5	3266.0	3021.9	2761.8	2503.7	2235.4
5°	5113.8	4889.8	4661.2	4423.7	4161.3	3894.4	3624.9	3343.5	3037.1	2739.9	2433.8
2.5°	5636.1	5402.9	5151.0	4876.5	4538.8	4197.9	3857.1	3516.3	3151.5	2807.9	2464.5
0°	5868.2	5596.6	5285.5	4976.4	4639.4	4283.8	3902.4	3552.8	3179.5	2829.9	2481.9
-2.5°	5636.1	5402.9	5151.0	4876.5	4538.8	4197.9	3857.1	3516.3	3151.5	2807.9	2464.5
-5°	5113.8	4889.8	4661.2	4423.7	4161.3	3894.4	3624.9	3343.5	3037.1	2739.9	2433.8
-7.5°	4285.5	4209.3	4112.2	3939.1	3722.6	3499.5	3266.0	3021.9	2761.8	2503.7	2235.4
-10°	3374.9	3346.7	3318.3	3271.2	3193.6	3083.3	2899.1	2694.5	2481.6	2260.3	2030.8
-12.5°	2676.2	2637.1	2539.5	2575.3	2565.2	2528.1	2452.3	2343.4	2200.8	2013.2	1824.2
-15°	2074.1	2100.7	2077.5	2008.9	1968.3	1999.0	1984.0	1934.5	1865.8	1750.0	1618.8
-17.5°	1707.2	1660.9	1652.9	1630.5	1587.9	1520.1	1545.8	1554.7	1532.0	1468.7	1391.7
-20°	1366.9	1349.3	1310.9	1296.6	1289.3	1254.7	1204.6	1199.4	1223.2	1211.0	1174.3



REPORT NUMBER: P558598 (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°	1083.4	1073.2	1062.0	1028.5	1020.5	1022.8	1002.8	965.6	942.9	971.9	972.9
-25°	872.3	844.8	851.6	845.7	819.1	814.2	822.4	813.1	787.4	759.7	790.2
-27.5°	704.4	694.6	681.2	689.8	681.7	663.2	668.8	677.0	669.9	651.4	629.7
-30°	572.4	575.8	568.4	564.7	571.6	563.9	548.0	564.1	570.3	562.6	543.5
-32.5°	475.5	482.5	481.7	475.8	479.7	481.9	478.8	467.8	481.9	485.7	477.0
-35°	410.7	409.4	413.6	412.3	405.9	416.4	417.8	411.2	409.0	418.8	418.2
-37.5°	358.6	355.1	359.5	360.5	358.9	360.9	365.5	364.6	358.5	363.8	368.6
-40°	317.6	315.7	316.3	319.7	320.2	316.6	323.1	324.7	323.3	317.8	325.5
-42.5°	285.2	284.9	282.6	286.3	287.5	286.8	287.5	291.5	291.6	288.6	288.8
-45°	259.5	259.7	257.6	257.9	260.0	260.4	258.3	262.2	263.6	262.3	258.1
-47.5°	238.2	238.2	236.1	233.7	236.6	237.2	236.1	236.3	238.5	237.9	235.6
-50°	219.9	219.5	217.8	215.1	215.9	216.6	215.7	213.0	215.6	216.2	214.3
-52.5°	203.6	202.9	201.3	198.5	197.2	198.0	196.9	194.7	195.1	195.7	194.3
-55°	189.7	187.9	186.2	183.6	180.5	180.9	180.0	177.7	175.8	176.4	175.5
-57.5°	176.2	173.8	171.7	169.0	165.6	164.6	163.4	161.1	157.9	158.4	157.6
-60°	162.0	159.2	156.9	154.1	150.7	148.6	147.4	145.2	142.1	141.4	141.0
-62.5°	147.0	143.9	141.7	139.2	136.2	133.4	132.0	129.9	127.1	125.2	125.0
-65°	132.2	129.5	127.3	124.6	121.6	118.2	116.8	114.9	112.5	110.0	109.6
-67.5°	117.0	114.5	112.1	109.6	106.8	103.7	102.1	100.4	98.4	96.1	95.5
-70°	101.3	99.2	97.1	94.8	92.3	89.8	88.3	87.0	85.3	83.0	81.6
-72.5°	85.6	83.9	82.1	80.4	78.6	76.6	75.0	73.6	71.8	69.5	68.0
-75°	70.0	68.6	67.3	66.0	64.6	63.0	61.5	60.1	58.5	56.6	55.0
-77.5°	54.6	53.8	52.9	51.9	50.8	49.5	48.1	46.9	45.7	44.2	42.9
-80°	40.6	40.1	39.6	38.8	37.9	36.8	35.6	34.7	33.7	32.6	31.8
-82.5°	28.3	28.1	27.7	27.0	26.2	25.4	24.5	24.1	23.6	23.0	22.3
-85°	16.6	16.4	16.1	15.9	15.6	15.3	15.1	14.8	14.5	14.1	13.6
-87.5°	6.4	6.4	6.4	6.6	6.8	6.9	7.0	6.8	6.6	6.3	6.1
-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: P558598 (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°	5.9	5.7	5.5	5.2	5.0	4.7	4.4	4.1	3.8	3.5	3.1
85°	13.2	12.6	11.9	11.2	10.4	9.3	8.7	8.1	7.5	6.9	6.2
82.5°	21.8	21.1	20.3	19.4	18.5	17.5	16.1	14.5	12.6	10.6	9.3
80°	31.6	30.9	29.9	28.6	27.2	25.6	24.1	22.1	19.8	17.2	14.4
77.5°	42.4	41.5	40.2	38.8	37.0	35.0	32.6	30.0	27.0	23.8	20.4
75°	54.1	53.1	51.6	49.7	47.2	44.4	41.5	38.4	34.8	30.5	26.3
72.5°	67.0	65.5	63.4	60.8	57.9	54.6	50.8	46.8	42.7	38.0	32.5
70°	80.3	78.3	75.9	73.1	69.4	64.9	60.5	56.0	50.8	45.5	39.4
67.5°	94.1	91.8	88.9	85.7	81.8	76.8	70.6	65.5	59.9	52.9	46.2
65°	108.4	105.9	102.3	99.1	94.7	89.1	82.4	75.7	69.1	61.6	52.9
62.5°	123.4	120.7	117.2	113.1	108.0	101.9	94.5	87.4	78.8	70.3	60.6
60°	139.4	136.4	132.8	128.5	122.3	115.0	107.4	99.1	89.7	79.0	68.6
57.5°	155.8	152.5	149.6	144.5	137.6	129.0	120.9	111.7	100.6	88.8	76.5
55°	172.8	169.7	167.1	161.7	153.7	144.0	135.5	125.1	112.0	98.8	84.5
52.5°	191.1	188.9	185.7	179.7	170.9	160.6	152.1	138.8	124.9	108.8	93.4
50°	210.3	210.3	206.0	198.7	188.7	180.2	169.5	155.2	137.9	119.4	102.4
47.5°	234.0	233.7	228.7	219.2	207.7	201.3	189.3	172.3	151.2	131.4	111.5
45°	260.9	259.1	253.1	242.4	232.1	225.2	210.6	190.1	167.4	143.7	120.6
42.5°	290.8	287.6	279.2	266.8	262.6	251.7	233.0	210.4	184.1	156.0	130.7
40°	325.8	319.0	307.4	301.1	296.8	280.4	259.0	231.7	201.0	169.2	141.3
37.5°	364.5	354.5	339.1	343.9	334.8	314.5	286.7	253.8	218.8	184.1	151.9
35°	409.8	394.2	394.5	393.8	378.4	351.1	315.9	277.6	238.4	199.0	162.3
32.5°	459.3	455.3	462.3	451.0	426.0	389.8	348.6	303.9	258.3	213.8	172.5
30°	529.7	546.5	539.1	513.8	478.7	434.3	383.6	330.8	278.4	228.4	183.0
27.5°	651.0	650.4	625.6	586.5	537.8	481.4	419.1	358.1	298.6	243.7	194.9
25°	787.9	768.3	725.6	666.4	600.4	528.6	455.1	385.9	320.6	260.2	206.5
22.5°	944.2	896.7	834.1	751.6	662.4	577.1	493.5	416.2	343.3	276.4	217.6
20°	1113.3	1033.6	947.6	835.0	729.2	630.0	534.1	446.3	365.6	292.2	228.3
17.5°	1294.3	1174.9	1055.6	925.4	799.4	683.3	574.6	475.9	387.5	307.4	238.5
15°	1469.8	1316.2	1166.9	1016.4	869.9	736.5	614.7	504.7	408.7	322.0	246.5
12.5°	1642.7	1459.4	1279.7	1106.9	939.7	788.9	653.8	532.5	429.0	332.4	251.7
10°	1815.3	1602.6	1392.4	1195.9	1008.2	840.0	691.5	554.2	438.6	339.1	256.0
7.5°	1985.3	1743.6	1503.2	1282.2	1067.2	873.4	707.7	564.0	444.9	344.5	259.4
5°	2124.1	1835.6	1553.6	1307.7	1083.7	886.6	717.6	571.6	449.2	348.5	261.9
2.5°	2142.8	1850.7	1561.1	1317.8	1094.8	895.7	724.2	576.9	451.7	351.3	263.5
0°	2150.0	1855.6	1560.1	1320.9	1100.3	900.5	727.5	579.7	452.3	352.6	264.1
-2.5°	2142.8	1850.7	1561.1	1317.8	1094.8	895.7	724.2	576.9	451.7	351.3	263.5
-5°	2124.1	1835.6	1553.6	1307.7	1083.7	886.6	717.6	571.6	449.2	348.5	261.9
-7.5°	1985.3	1743.6	1503.2	1282.2	1067.2	873.4	707.7	564.0	444.9	344.5	259.4
-10°	1815.3	1602.6	1392.4	1195.9	1008.2	840.0	691.5	554.2	438.6	339.1	256.0
-12.5°	1642.7	1459.4	1279.7	1106.9	939.7	788.9	653.8	532.5	429.0	332.4	251.7
-15°	1469.8	1316.2	1166.9	1016.4	869.9	736.5	614.7	504.7	408.7	322.0	246.5
-17.5°	1294.3	1174.9	1055.6	925.4	799.4	683.3	574.6	475.9	387.5	307.4	238.5
-20°	1113.3	1033.6	947.6	835.0	729.2	630.0	534.1	446.3	365.6	292.2	228.3



REPORT NUMBER: P558598 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-930-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°	944.2	896.7	834.1	751.6	662.4	577.1	493.5	416.2	343.3	276.4	217.6
-25°	787.9	768.3	725.6	666.4	600.4	528.6	455.1	385.9	320.6	260.2	206.5
-27.5°	651.0	650.4	625.6	586.5	537.8	481.4	419.1	358.1	298.6	243.7	194.9
-30°	529.7	546.5	539.1	513.8	478.7	434.3	383.6	330.8	278.4	228.4	183.0
-32.5°	459.3	455.3	462.3	451.0	426.0	389.8	348.6	303.9	258.3	213.8	172.5
-35°	409.8	394.2	394.5	393.8	378.4	351.1	315.9	277.6	238.4	199.0	162.3
-37.5°	364.5	354.5	339.1	343.9	334.8	314.5	286.7	253.8	218.8	184.1	151.9
-40°	325.8	319.0	307.4	301.1	296.8	280.4	259.0	231.7	201.0	169.2	141.3
-42.5°	290.8	287.6	279.2	266.8	262.6	251.7	233.0	210.4	184.1	156.0	130.7
-45°	260.9	259.1	253.1	242.4	232.1	225.2	210.6	190.1	167.4	143.7	120.6
-47.5°	234.0	233.7	228.7	219.2	207.7	201.3	189.3	172.3	151.2	131.4	111.5
-50°	210.3	210.3	206.0	198.7	188.7	180.2	169.5	155.2	137.9	119.4	102.4
-52.5°	191.1	188.9	185.7	179.7	170.9	160.6	152.1	138.8	124.9	108.8	93.4
-55°	172.8	169.7	167.1	161.7	153.7	144.0	135.5	125.1	112.0	98.8	84.5
-57.5°	155.8	152.5	149.6	144.5	137.6	129.0	120.9	111.7	100.6	88.8	76.5
-60°	139.4	136.4	132.8	128.5	122.3	115.0	107.4	99.1	89.7	79.0	68.6
-62.5°	123.4	120.7	117.2	113.1	108.0	101.9	94.5	87.4	78.8	70.3	60.6
-65°	108.4	105.9	102.3	99.1	94.7	89.1	82.4	75.7	69.1	61.6	52.9
-67.5°	94.1	91.8	88.9	85.7	81.8	76.8	70.6	65.5	59.9	52.9	46.2
-70°	80.3	78.3	75.9	73.1	69.4	64.9	60.5	56.0	50.8	45.5	39.4
-72.5°	67.0	65.5	63.4	60.8	57.9	54.6	50.8	46.8	42.7	38.0	32.5
-75°	54.1	53.1	51.6	49.7	47.2	44.4	41.5	38.4	34.8	30.5	26.3
-77.5°	42.4	41.5	40.2	38.8	37.0	35.0	32.6	30.0	27.0	23.8	20.4
-80°	31.6	30.9	29.9	28.6	27.2	25.6	24.1	22.1	19.8	17.2	14.4
-82.5°	21.8	21.1	20.3	19.4	18.5	17.5	16.1	14.5	12.6	10.6	9.3
-85°	13.2	12.6	11.9	11.2	10.4	9.3	8.7	8.1	7.5	6.9	6.2
-87.5°	5.9	5.7	5.5	5.2	5.0	4.7	4.4	4.1	3.8	3.5	3.1
-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	2.4	2.1	1.6	1.2	0.6	0.0
85°	5.5	4.9	4.1	3.3	2.3	1.2	0.0
82.5°	8.2	7.3	6.2	4.9	3.4	1.7	0.0
80°	11.3	9.7	8.3	6.5	4.6	2.3	0.0
77.5°	16.6	12.9	10.3	8.2	5.7	2.9	0.0
75°	22.0	17.5	12.7	9.8	6.8	3.4	0.0
72.5°	27.3	22.1	16.4	11.4	7.9	4.0	0.0
70°	32.7	26.6	20.2	13.2	9.0	4.5	0.0
67.5°	38.8	31.1	23.9	16.1	10.1	5.1	0.0
65°	44.9	36.0	27.5	18.9	11.1	5.6	0.0
62.5°	51.0	41.2	31.1	21.6	12.2	6.1	0.0
60°	57.0	46.5	34.7	24.4	13.2	6.6	0.0
57.5°	63.9	51.6	38.9	27.0	15.0	7.1	0.0
55°	70.8	56.7	43.1	29.7	16.7	7.6	0.0
52.5°	77.7	61.9	47.2	32.2	18.4	8.0	0.0
50°	84.4	67.5	51.2	34.7	20.0	8.5	0.0
47.5°	91.2	73.0	55.1	37.3	21.6	8.9	0.0
45°	99.0	78.5	59.0	40.2	23.2	9.3	0.0
42.5°	106.8	83.7	62.7	43.0	24.7	9.7	0.0
40°	114.6	88.9	66.6	45.6	26.1	10.1	0.0
37.5°	122.2	93.8	70.5	48.0	27.4	10.5	0.0
35°	129.7	99.5	74.3	50.3	28.7	10.8	0.0
32.5°	137.4	105.4	77.9	52.5	29.9	11.1	0.0
30°	145.6	111.1	81.4	54.4	31.1	11.4	0.0
27.5°	153.6	116.6	84.2	56.2	32.2	11.7	0.0
25°	161.2	121.8	86.9	57.9	33.2	12.0	0.0
22.5°	168.5	126.5	89.3	59.4	34.1	12.2	0.0
20°	175.5	130.1	91.6	60.7	34.9	12.4	0.0
17.5°	180.7	133.3	93.6	61.8	35.7	12.6	0.0
15°	184.6	136.0	95.4	62.8	36.3	12.7	0.0
12.5°	187.9	138.3	97.0	63.6	36.9	12.9	0.0
10°	190.7	140.1	98.4	64.3	37.4	13.0	0.0
7.5°	192.9	141.5	99.5	64.8	37.8	13.1	0.0
5°	194.4	142.5	100.3	65.1	38.1	13.1	0.0
2.5°	195.4	143.1	100.9	65.3	38.3	13.2	0.0
0°	195.8	143.2	101.2	65.3	38.4	13.2	0.0
-2.5°	195.4	143.1	100.9	65.3	38.3	13.2	0.0
-5°	194.4	142.5	100.3	65.1	38.1	13.1	0.0
-7.5°	192.9	141.5	99.5	64.8	37.8	13.1	0.0
-10°	190.7	140.1	98.4	64.3	37.4	13.0	0.0
-12.5°	187.9	138.3	97.0	63.6	36.9	12.9	0.0
-15°	184.6	136.0	95.4	62.8	36.3	12.7	0.0
-17.5°	180.7	133.3	93.6	61.8	35.7	12.6	0.0
-20°	175.5	130.1	91.6	60.7	34.9	12.4	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	168.5	126.5	89.3	59.4	34.1	12.2	0.0
-25°	161.2	121.8	86.9	57.9	33.2	12.0	0.0
-27.5°	153.6	116.6	84.2	56.2	32.2	11.7	0.0
-30°	145.6	111.1	81.4	54.4	31.1	11.4	0.0
-32.5°	137.4	105.4	77.9	52.5	29.9	11.1	0.0
-35°	129.7	99.5	74.3	50.3	28.7	10.8	0.0
-37.5°	122.2	93.8	70.5	48.0	27.4	10.5	0.0
-40°	114.6	88.9	66.6	45.6	26.1	10.1	0.0
-42.5°	106.8	83.7	62.7	43.0	24.7	9.7	0.0
-45°	99.0	78.5	59.0	40.2	23.2	9.3	0.0
-47.5°	91.2	73.0	55.1	37.3	21.6	8.9	0.0
-50°	84.4	67.5	51.2	34.7	20.0	8.5	0.0
-52.5°	77.7	61.9	47.2	32.2	18.4	8.0	0.0
-55°	70.8	56.7	43.1	29.7	16.7	7.6	0.0
-57.5°	63.9	51.6	38.9	27.0	15.0	7.1	0.0
-60°	57.0	46.5	34.7	24.4	13.2	6.6	0.0
-62.5°	51.0	41.2	31.1	21.6	12.2	6.1	0.0
-65°	44.9	36.0	27.5	18.9	11.1	5.6	0.0
-67.5°	38.8	31.1	23.9	16.1	10.1	5.1	0.0
-70°	32.7	26.6	20.2	13.2	9.0	4.5	0.0
-72.5°	27.3	22.1	16.4	11.4	7.9	4.0	0.0
-75°	22.0	17.5	12.7	9.8	6.8	3.4	0.0
-77.5°	16.6	12.9	10.3	8.2	5.7	2.9	0.0
-80°	11.3	9.7	8.3	6.5	4.6	2.3	0.0
-82.5°	8.2	7.3	6.2	4.9	3.4	1.7	0.0
-85°	5.5	4.9	4.1	3.3	2.3	1.2	0.0
-87.5°	2.7	2.4	2.1	1.6	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)