

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: P561400 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-AMB-U-TS-BK**

Issue Date: 7/30/2021

Test Information

Test Method: LM-79-08
Report Number: P561400 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/30/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5B-AMB-U-TS-BK
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (80) 1549K CCT, -21.5 CRI LEDS
Ballast/Driver: -

Summary

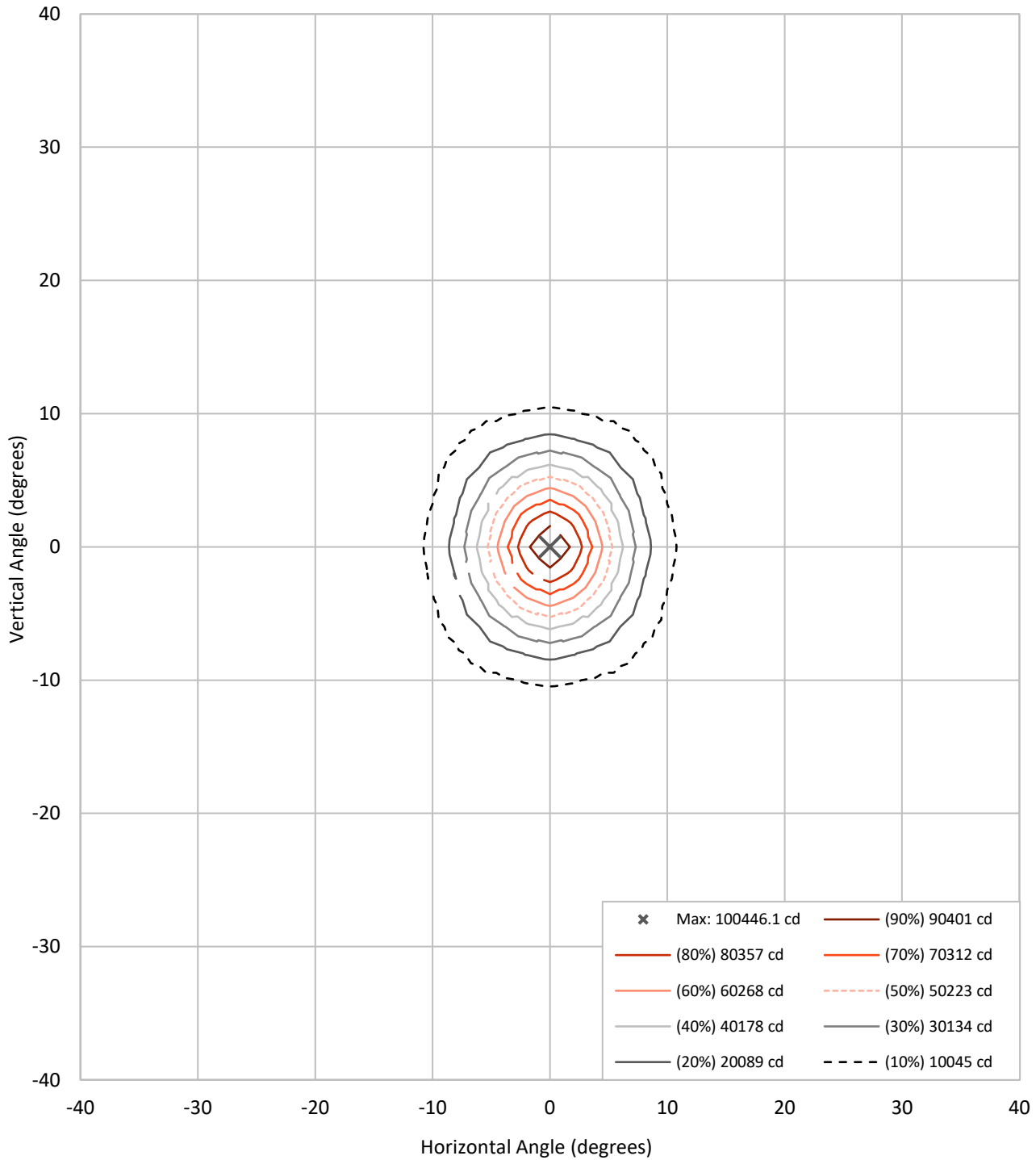
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	5414.4 lumens	Max Intensity:	100446.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	54.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	10.5°H x 10.4°V	Field Angle (10%):	21.6°H x 21°V
Beam Lumens:	1627.3 lumens	Field Lumens:	3762 lumens
Beam Efficiency:	30.1%	Field Efficiency:	69.5%

Input Watts (W): 99.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P561400 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





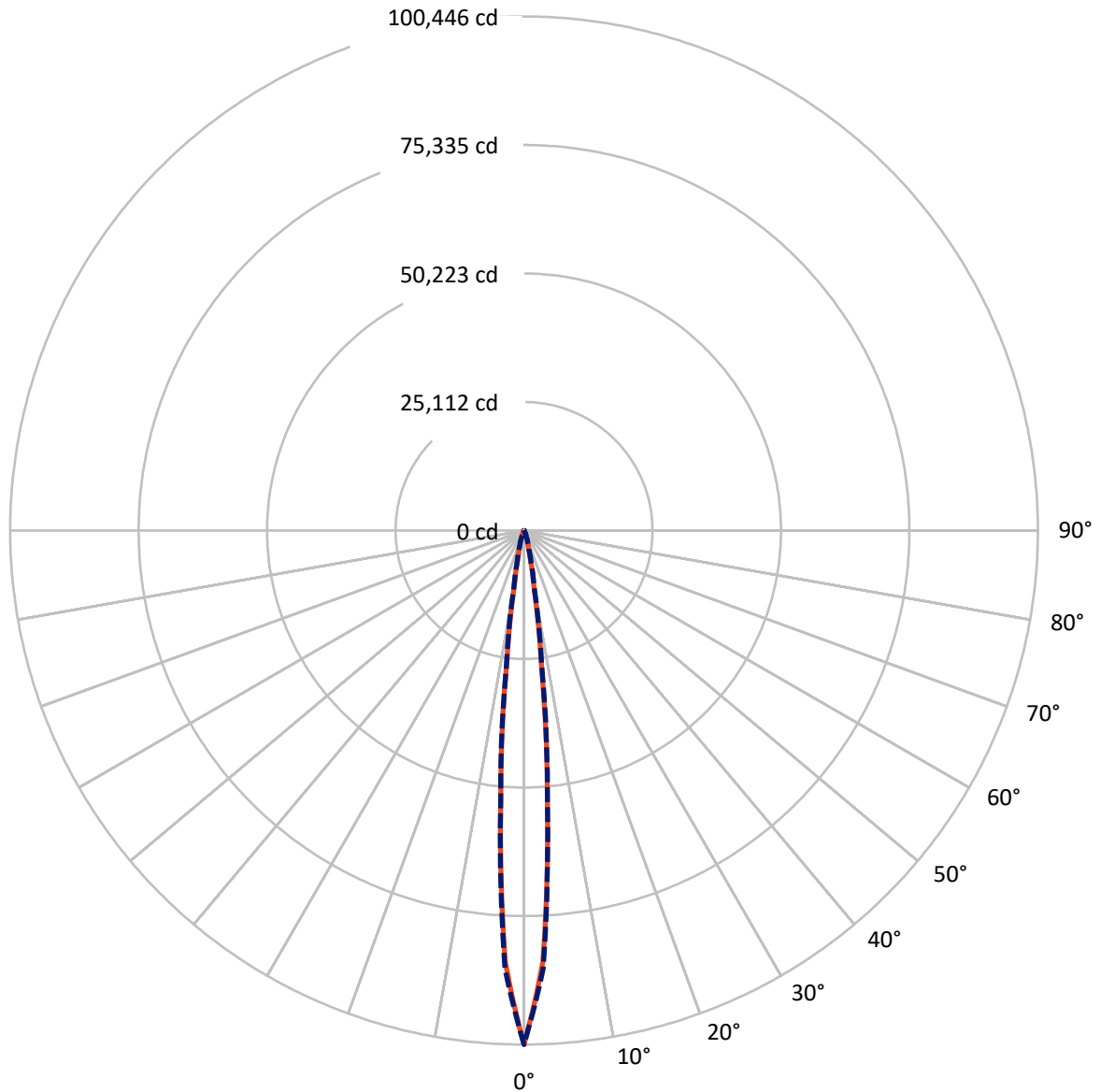
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Lumen Table

90																
80	0.1	0.7		1.8		2.9		3.3		2.9		1.8		0.7		0.1
70																
60	0.3	0.3	0.7	1.2	1.6	2.0	2.2	2.3	2.3	2.2	2.0	1.6	1.2	0.7	0.3	0.3
50		0.5	1.1	1.6	2.1	2.4	2.7	2.7	2.7	2.7	2.4	2.1	1.6	1.1	0.5	
40	0.6	0.7	1.3	1.9	2.3	2.7	3.1	3.3	3.3	3.1	2.7	2.3	1.9	1.3	0.7	0.6
30		0.9	1.5	2.0	2.6	3.5	4.6	5.2	5.2	4.6	3.5	2.6	2.0	1.5	0.9	
20	0.8	0.9	1.6	2.1	3.2	4.8	8.3	14.5	14.5	8.3	4.8	3.2	2.1	1.6	0.9	0.8
10		1.0	1.6	2.3	3.9	7.9	38.3	107.3	107.3	38.3	7.9	3.9	2.3	1.6	1.0	
0	0.8	1.0	1.6	2.4	4.3	14.0	111.1	953.4	953.4	111.1	14.0	4.3	2.4	1.6	1.0	0.8
-10		1.0	1.6	2.4	4.3	14.0	111.1	953.4	953.4	111.1	14.0	4.3	2.4	1.6	1.0	
-20	0.8	1.0	1.6	2.3	3.9	7.9	38.3	107.3	107.3	38.3	7.9	3.9	2.3	1.6	1.0	0.8
-30		0.9	1.6	2.1	3.2	4.8	8.3	14.5	14.5	8.3	4.8	3.2	2.1	1.6	0.9	
-40	0.6	0.9	1.5	2.0	2.6	3.5	4.6	5.2	5.2	4.6	3.5	2.6	2.0	1.5	0.9	0.6
-50		0.7	1.3	1.9	2.3	2.7	3.1	3.3	3.3	3.1	2.7	2.3	1.9	1.3	0.7	
-60	0.3	0.5	1.1	1.6	2.1	2.4	2.7	2.7	2.7	2.7	2.4	2.1	1.6	1.1	0.5	0.3
-70		0.3	0.7	1.2	1.6	2.0	2.2	2.3	2.3	2.2	2.0	1.6	1.2	0.7	0.3	
-80																
-90	0.1	0.7		1.8		2.9		3.3		2.9		1.8		0.7		0.1

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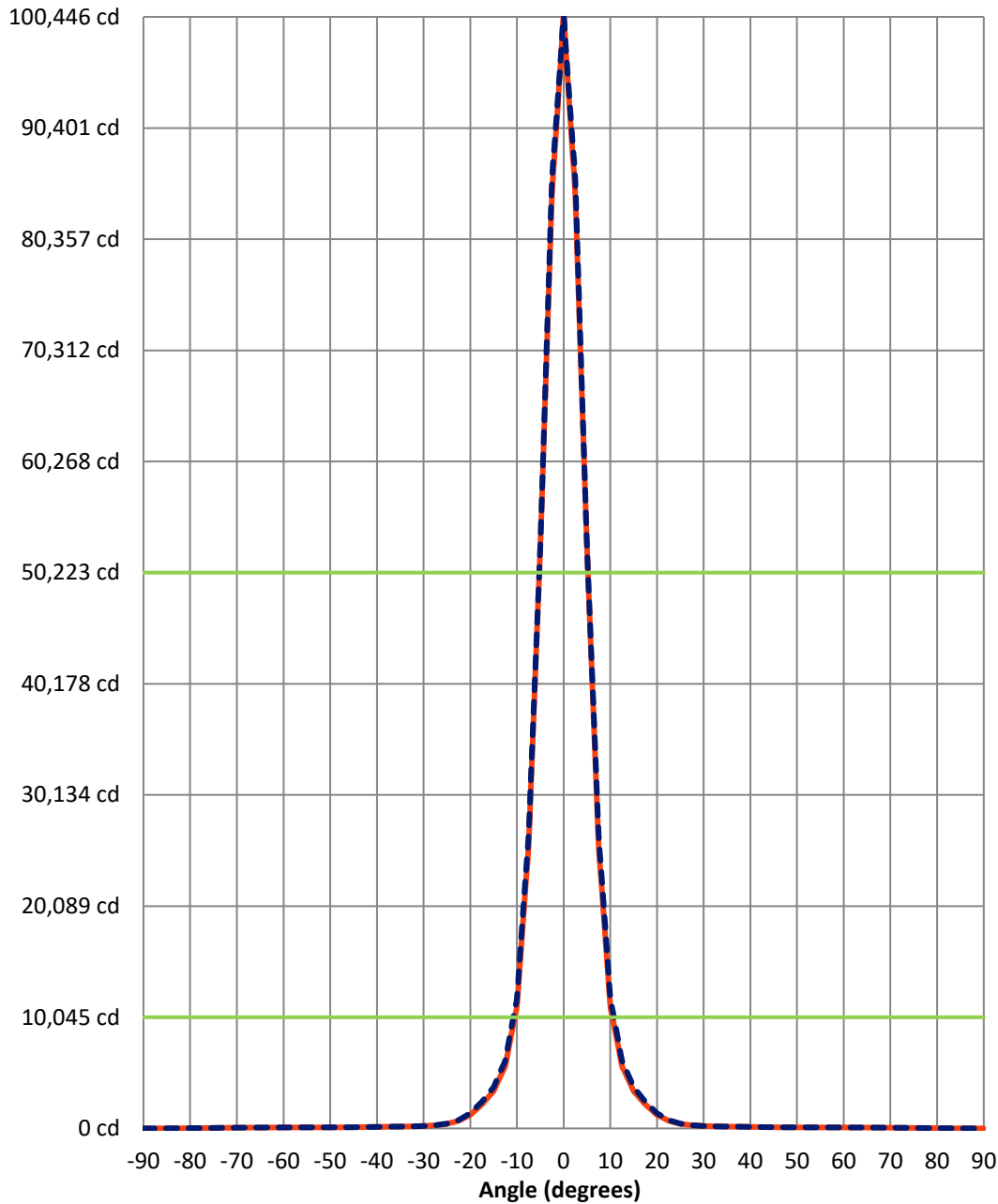
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 10.5°
V Angle: 10.4°
Lumens: 1627.3
Efficiency: 30.1%

Field:
H Angle: 21.6°
V Angle: 21°
Lumens: 3762
Efficiency: 69.5%

Spill:
Lumens: 1652.5
Efficiency: 30.5%

— 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	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.3	1.4
85°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
82.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.5	4.2	5.0
80°	0.0	0.6	1.1	1.7	2.3	2.8	3.5	4.6	5.7	6.7	7.7
77.5°	0.0	0.7	1.4	2.1	2.8	3.8	5.1	6.5	7.8	9.2	10.5
75°	0.0	0.9	1.7	2.6	3.5	5.1	6.8	8.4	10.0	11.6	13.2
72.5°	0.0	1.0	2.0	3.0	4.6	6.5	8.4	10.3	12.2	14.0	15.9
70°	0.0	1.1	2.3	3.5	5.7	7.8	10.0	12.2	14.3	16.5	19.1
67.5°	0.0	1.3	2.5	4.2	6.7	9.2	11.6	14.0	16.5	19.4	22.3
65°	0.0	1.4	2.8	5.0	7.7	10.5	13.2	15.9	19.1	22.3	25.9
62.5°	0.0	1.5	3.0	5.8	8.8	11.7	14.7	18.0	21.6	25.4	30.3
60°	0.0	1.6	3.3	6.5	9.8	13.0	16.2	20.2	24.1	29.3	34.6
57.5°	0.0	1.8	3.8	7.3	10.7	14.2	18.0	22.3	27.3	33.1	38.4
55°	0.0	1.9	4.3	8.0	11.7	15.4	19.8	24.4	30.6	36.7	42.0
52.5°	0.0	2.0	4.7	8.6	12.6	16.6	21.5	27.1	33.8	39.8	45.4
50°	0.0	2.1	5.2	9.3	13.5	18.0	23.2	29.7	36.8	42.8	49.3
47.5°	0.0	2.2	5.6	10.0	14.4	19.4	24.9	32.2	39.4	45.7	53.1
45°	0.0	2.3	6.0	10.6	15.2	20.7	26.9	34.6	41.8	49.0	56.8
42.5°	0.0	2.4	6.4	11.2	16.0	21.9	28.9	36.8	44.2	52.2	59.8
40°	0.0	2.5	6.8	11.7	16.9	23.1	30.7	38.8	46.6	55.2	62.6
37.5°	0.0	2.6	7.1	12.3	17.8	24.2	32.4	40.8	49.1	57.8	65.4
35°	0.0	2.7	7.4	12.8	18.6	25.5	33.9	42.7	51.4	60.1	67.8
32.5°	0.0	2.8	7.8	13.3	19.4	26.7	35.4	44.5	53.5	62.1	69.3
30°	0.0	2.9	8.1	13.7	20.2	27.8	36.8	46.2	55.4	64.0	70.9
27.5°	0.0	2.9	8.3	14.2	20.9	28.8	38.1	47.8	57.1	65.8	72.3
25°	0.0	3.0	8.6	14.5	21.5	29.8	39.4	49.2	58.5	67.2	73.8
22.5°	0.0	3.0	8.8	14.9	22.1	30.6	40.5	50.4	59.8	68.3	75.0
20°	0.0	3.1	9.0	15.2	22.6	31.5	41.6	51.5	60.9	69.3	76.0
17.5°	0.0	3.1	9.2	15.5	23.1	32.4	42.6	52.4	61.9	70.3	77.0
15°	0.0	3.2	9.4	15.7	23.5	33.2	43.5	53.3	62.8	71.1	77.8
12.5°	0.0	3.2	9.5	15.9	23.8	33.9	44.2	54.3	63.6	71.9	78.6
10°	0.0	3.2	9.6	16.1	24.1	34.5	44.8	55.1	64.3	72.5	79.1
7.5°	0.0	3.3	9.7	16.2	24.3	35.0	45.3	55.9	64.9	73.0	79.6
5°	0.0	3.3	9.8	16.3	24.5	35.4	45.6	56.5	65.2	73.4	79.9
2.5°	0.0	3.3	9.8	16.4	24.6	35.8	45.7	57.0	65.4	73.6	80.1
0°	0.0	3.3	9.8	16.4	24.6	35.8	45.7	57.0	65.4	73.6	80.1
-2.5°	0.0	3.3	9.8	16.4	24.6	35.8	45.7	57.0	65.4	73.6	80.1
-5°	0.0	3.3	9.8	16.3	24.5	35.4	45.6	56.5	65.2	73.4	79.9
-7.5°	0.0	3.3	9.7	16.2	24.3	35.0	45.3	55.9	64.9	73.0	79.6
-10°	0.0	3.2	9.6	16.1	24.1	34.5	44.8	55.1	64.3	72.5	79.1
-12.5°	0.0	3.2	9.5	15.9	23.8	33.9	44.2	54.3	63.6	71.9	78.6
-15°	0.0	3.2	9.4	15.7	23.5	33.2	43.5	53.3	62.8	71.1	77.8
-17.5°	0.0	3.1	9.2	15.5	23.1	32.4	42.6	52.4	61.9	70.3	77.0
-20°	0.0	3.1	9.0	15.2	22.6	31.5	41.6	51.5	60.9	69.3	76.0



REPORT NUMBER: P561400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-AMB-U-TS-BK

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.0	8.8	14.9	22.1	30.6	40.5	50.4	59.8	68.3	75.0
-25°	0.0	3.0	8.6	14.5	21.5	29.8	39.4	49.2	58.5	67.2	73.8
-27.5°	0.0	2.9	8.3	14.2	20.9	28.8	38.1	47.8	57.1	65.8	72.3
-30°	0.0	2.9	8.1	13.7	20.2	27.8	36.8	46.2	55.4	64.0	70.9
-32.5°	0.0	2.8	7.8	13.3	19.4	26.7	35.4	44.5	53.5	62.1	69.3
-35°	0.0	2.7	7.4	12.8	18.6	25.5	33.9	42.7	51.4	60.1	67.8
-37.5°	0.0	2.6	7.1	12.3	17.8	24.2	32.4	40.8	49.1	57.8	65.4
-40°	0.0	2.5	6.8	11.7	16.9	23.1	30.7	38.8	46.6	55.2	62.6
-42.5°	0.0	2.4	6.4	11.2	16.0	21.9	28.9	36.8	44.2	52.2	59.8
-45°	0.0	2.3	6.0	10.6	15.2	20.7	26.9	34.6	41.8	49.0	56.8
-47.5°	0.0	2.2	5.6	10.0	14.4	19.4	24.9	32.2	39.4	45.7	53.1
-50°	0.0	2.1	5.2	9.3	13.5	18.0	23.2	29.7	36.8	42.8	49.3
-52.5°	0.0	2.0	4.7	8.6	12.6	16.6	21.5	27.1	33.8	39.8	45.4
-55°	0.0	1.9	4.3	8.0	11.7	15.4	19.8	24.4	30.6	36.7	42.0
-57.5°	0.0	1.8	3.8	7.3	10.7	14.2	18.0	22.3	27.3	33.1	38.4
-60°	0.0	1.6	3.3	6.5	9.8	13.0	16.2	20.2	24.1	29.3	34.6
-62.5°	0.0	1.5	3.0	5.8	8.8	11.7	14.7	18.0	21.6	25.4	30.3
-65°	0.0	1.4	2.8	5.0	7.7	10.5	13.2	15.9	19.1	22.3	25.9
-67.5°	0.0	1.3	2.5	4.2	6.7	9.2	11.6	14.0	16.5	19.4	22.3
-70°	0.0	1.1	2.3	3.5	5.7	7.8	10.0	12.2	14.3	16.5	19.1
-72.5°	0.0	1.0	2.0	3.0	4.6	6.5	8.4	10.3	12.2	14.0	15.9
-75°	0.0	0.9	1.7	2.6	3.5	5.1	6.8	8.4	10.0	11.6	13.2
-77.5°	0.0	0.7	1.4	2.1	2.8	3.8	5.1	6.5	7.8	9.2	10.5
-80°	0.0	0.6	1.1	1.7	2.3	2.8	3.5	4.6	5.7	6.7	7.7
-82.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.5	4.2	5.0
-85°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
-87.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.3	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA5B-AMB-U-TS-BK

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.5	1.6	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6
85°	3.0	3.3	3.7	4.0	4.4	4.7	5.0	5.3	5.6	5.9	6.2
82.5°	5.6	6.1	6.5	6.8	7.3	7.8	8.4	9.2	9.9	10.6	11.3
80°	8.5	9.0	9.8	10.6	11.7	12.8	13.9	14.9	15.9	17.0	18.0
77.5°	11.5	12.6	13.9	15.2	16.7	18.3	20.0	21.5	23.0	24.4	25.8
75°	14.7	16.2	18.2	20.4	22.5	24.5	26.5	28.3	30.1	31.8	33.4
72.5°	18.0	20.4	23.0	25.7	28.3	30.7	32.9	35.1	37.2	39.4	41.7
70°	21.7	24.6	28.0	31.2	34.1	36.9	39.6	42.0	44.4	47.1	49.4
67.5°	25.5	29.6	33.3	36.8	40.4	43.7	46.5	49.0	51.3	54.0	56.3
65°	30.3	34.7	38.7	42.8	47.0	50.1	53.0	55.7	57.9	60.5	63.2
62.5°	35.1	39.4	43.9	48.4	52.6	56.1	58.9	61.4	63.7	66.4	69.0
60°	39.3	44.0	49.0	53.8	58.0	61.2	64.1	66.7	69.3	72.0	73.7
57.5°	43.3	48.6	54.1	58.8	62.5	66.0	68.6	71.5	73.8	75.6	77.5
55°	47.4	53.5	58.8	62.9	66.7	69.8	72.8	75.4	77.5	79.2	81.3
52.5°	51.9	58.0	62.5	66.8	70.5	73.6	76.6	79.0	80.9	82.7	84.7
50°	56.2	61.5	66.2	70.5	74.0	77.1	80.0	82.2	84.3	86.2	87.7
47.5°	59.7	64.9	69.7	73.9	77.0	80.2	83.0	85.3	87.5	88.7	90.0
45°	62.9	68.1	73.1	76.4	79.8	83.1	85.7	88.4	89.2	90.4	91.4
42.5°	66.0	71.1	75.4	78.6	82.7	85.6	88.2	89.5	90.6	92.1	92.8
40°	68.6	73.7	77.6	81.4	85.3	87.6	89.5	90.8	92.5	93.5	94.1
37.5°	70.9	75.7	79.8	84.0	86.9	89.2	90.9	92.8	94.1	94.8	95.7
35°	72.9	77.7	81.9	85.8	88.3	90.7	92.7	94.4	95.2	96.0	97.6
32.5°	74.8	79.7	83.9	87.0	89.6	92.1	94.4	95.5	96.3	97.4	100.5
30°	76.5	81.4	85.4	88.1	90.8	93.5	95.5	96.5	97.4	99.9	104.4
27.5°	78.1	82.8	86.4	89.2	91.9	94.7	96.2	97.5	99.1	102.5	108.8
25°	79.5	84.0	87.3	90.1	93.0	95.4	96.8	98.1	100.7	106.3	114.8
22.5°	80.7	85.1	88.1	91.0	94.0	95.9	97.3	99.2	102.9	109.9	120.9
20°	81.6	85.8	88.8	91.8	94.8	96.4	97.8	100.4	105.5	114.9	128.3
17.5°	82.4	86.4	89.5	92.4	95.0	96.7	98.4	101.4	107.7	119.7	135.9
15°	83.1	86.9	90.1	92.8	95.0	96.9	99.1	103.0	110.6	124.6	142.7
12.5°	83.7	87.4	90.6	93.1	95.0	97.1	99.6	104.3	114.1	129.8	149.4
10°	84.2	87.7	91.0	93.2	95.0	97.4	99.8	105.5	116.8	133.2	153.6
7.5°	84.6	88.0	91.2	93.1	94.9	97.7	99.8	106.6	118.8	135.3	155.6
5°	84.9	88.2	91.0	93.2	94.9	97.7	99.9	107.4	120.0	136.2	156.1
2.5°	85.0	88.4	90.6	93.3	95.0	97.2	100.7	107.9	120.9	137.1	156.6
0°	85.1	88.4	90.1	93.3	95.0	96.6	101.5	108.1	121.2	137.5	157.2
-2.5°	85.0	88.4	90.6	93.3	95.0	97.2	100.7	107.9	120.9	137.1	156.6
-5°	84.9	88.2	91.0	93.2	94.9	97.7	99.9	107.4	120.0	136.2	156.1
-7.5°	84.6	88.0	91.2	93.1	94.9	97.7	99.8	106.6	118.8	135.3	155.6
-10°	84.2	87.7	91.0	93.2	95.0	97.4	99.8	105.5	116.8	133.2	153.6
-12.5°	83.7	87.4	90.6	93.1	95.0	97.1	99.6	104.3	114.1	129.8	149.4
-15°	83.1	86.9	90.1	92.8	95.0	96.9	99.1	103.0	110.6	124.6	142.7
-17.5°	82.4	86.4	89.5	92.4	95.0	96.7	98.4	101.4	107.7	119.7	135.9
-20°	81.6	85.8	88.8	91.8	94.8	96.4	97.8	100.4	105.5	114.9	128.3



REPORT NUMBER: P561400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-AMB-U-TS-BK

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	80.7	85.1	88.1	91.0	94.0	95.9	97.3	99.2	102.9	109.9	120.9
-25°	79.5	84.0	87.3	90.1	93.0	95.4	96.8	98.1	100.7	106.3	114.8
-27.5°	78.1	82.8	86.4	89.2	91.9	94.7	96.2	97.5	99.1	102.5	108.8
-30°	76.5	81.4	85.4	88.1	90.8	93.5	95.5	96.5	97.4	99.9	104.4
-32.5°	74.8	79.7	83.9	87.0	89.6	92.1	94.4	95.5	96.3	97.4	100.5
-35°	72.9	77.7	81.9	85.8	88.3	90.7	92.7	94.4	95.2	96.0	97.6
-37.5°	70.9	75.7	79.8	84.0	86.9	89.2	90.9	92.8	94.1	94.8	95.7
-40°	68.6	73.7	77.6	81.4	85.3	87.6	89.5	90.8	92.5	93.5	94.1
-42.5°	66.0	71.1	75.4	78.6	82.7	85.6	88.2	89.5	90.6	92.1	92.8
-45°	62.9	68.1	73.1	76.4	79.8	83.1	85.7	88.4	89.2	90.4	91.4
-47.5°	59.7	64.9	69.7	73.9	77.0	80.2	83.0	85.3	87.5	88.7	90.0
-50°	56.2	61.5	66.2	70.5	74.0	77.1	80.0	82.2	84.3	86.2	87.7
-52.5°	51.9	58.0	62.5	66.8	70.5	73.6	76.6	79.0	80.9	82.7	84.7
-55°	47.4	53.5	58.8	62.9	66.7	69.8	72.8	75.4	77.5	79.2	81.3
-57.5°	43.3	48.6	54.1	58.8	62.5	66.0	68.6	71.5	73.8	75.6	77.5
-60°	39.3	44.0	49.0	53.8	58.0	61.2	64.1	66.7	69.3	72.0	73.7
-62.5°	35.1	39.4	43.9	48.4	52.6	56.1	58.9	61.4	63.7	66.4	69.0
-65°	30.3	34.7	38.7	42.8	47.0	50.1	53.0	55.7	57.9	60.5	63.2
-67.5°	25.5	29.6	33.3	36.8	40.4	43.7	46.5	49.0	51.3	54.0	56.3
-70°	21.7	24.6	28.0	31.2	34.1	36.9	39.6	42.0	44.4	47.1	49.4
-72.5°	18.0	20.4	23.0	25.7	28.3	30.7	32.9	35.1	37.2	39.4	41.7
-75°	14.7	16.2	18.2	20.4	22.5	24.5	26.5	28.3	30.1	31.8	33.4
-77.5°	11.5	12.6	13.9	15.2	16.7	18.3	20.0	21.5	23.0	24.4	25.8
-80°	8.5	9.0	9.8	10.6	11.7	12.8	13.9	14.9	15.9	17.0	18.0
-82.5°	5.6	6.1	6.5	6.8	7.3	7.8	8.4	9.2	9.9	10.6	11.3
-85°	3.0	3.3	3.7	4.0	4.4	4.7	5.0	5.3	5.6	5.9	6.2
-87.5°	1.5	1.6	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6
-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: P561400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-AMB-U-TS-BK

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°	2.7	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.2	3.2	3.2
85°	6.4	6.7	6.9	7.1	7.3	7.5	7.6	7.7	7.9	8.0	8.1
82.5°	11.9	12.5	13.1	13.6	14.1	14.5	14.9	15.3	15.6	15.4	15.2
80°	19.1	19.9	20.6	21.1	21.5	22.1	22.6	23.1	23.5	23.8	24.0
77.5°	27.0	27.9	28.6	29.3	29.8	30.6	31.4	32.1	32.7	33.2	33.6
75°	35.0	36.2	37.4	38.5	39.4	40.5	41.6	42.6	43.4	44.1	44.7
72.5°	43.9	45.9	47.2	48.2	49.1	50.3	51.4	52.4	53.3	54.0	54.6
70°	51.5	53.2	54.7	56.3	57.9	59.3	60.6	61.7	62.7	63.3	63.6
67.5°	58.6	60.9	63.0	64.9	66.3	67.3	68.3	69.2	69.9	70.5	71.0
65°	65.8	67.8	69.3	70.7	72.1	73.3	74.4	75.4	76.2	76.9	77.5
62.5°	71.2	72.8	74.3	75.8	77.5	79.1	80.0	80.8	81.5	82.0	82.1
60°	75.4	76.9	78.9	80.8	82.3	83.5	84.2	84.8	85.3	85.7	85.6
57.5°	79.6	81.8	83.8	84.8	85.7	86.5	87.2	87.9	88.5	88.9	88.8
55°	83.5	85.2	86.5	87.6	88.5	89.4	90.2	90.8	91.1	91.1	90.8
52.5°	86.6	88.0	89.2	90.3	91.4	92.3	93.1	93.1	93.0	92.7	92.5
50°	89.1	90.4	91.6	93.0	93.7	94.3	94.8	94.8	94.6	94.4	94.2
47.5°	90.9	92.1	93.3	94.5	95.2	95.7	96.2	96.5	96.8	96.9	97.1
45°	92.0	93.2	94.5	95.8	96.5	97.6	98.8	99.6	101.1	102.4	103.6
42.5°	93.3	94.7	96.3	97.7	99.1	101.3	104.3	107.1	110.0	113.5	116.6
40°	95.3	96.9	98.7	100.9	104.7	108.4	114.2	119.5	124.6	130.0	134.4
37.5°	97.4	99.4	102.8	107.2	113.8	120.7	127.5	135.2	142.7	149.0	155.6
35°	100.2	104.3	109.2	117.5	125.4	132.7	141.2	150.5	159.1	165.8	171.5
32.5°	105.0	110.8	119.5	128.2	136.6	146.1	155.5	163.4	169.5	176.2	182.4
30°	110.6	119.6	129.2	138.9	149.9	159.2	167.0	175.2	183.0	191.3	201.6
27.5°	118.1	128.2	138.9	151.2	160.9	169.4	179.0	190.7	207.1	219.6	238.8
25°	125.7	137.3	149.9	161.2	170.5	179.8	198.0	219.7	246.3	279.6	317.2
22.5°	134.8	148.1	160.0	170.3	181.2	200.4	226.9	268.0	319.0	390.3	483.3
20°	144.4	158.4	168.2	179.8	198.7	226.5	276.5	348.7	458.1	618.9	777.1
17.5°	152.9	165.2	175.3	189.6	218.1	266.8	349.1	494.9	696.9	1018.2	1320.2
15°	161.2	170.9	181.4	205.3	244.2	321.7	465.3	704.2	1111.3	1600.3	2192.7
12.5°	166.8	176.0	188.7	219.0	279.6	395.4	633.4	1038.1	1617.1	2465.5	3271.5
10°	169.8	180.5	199.4	237.8	320.5	495.7	803.6	1360.7	2264.8	3390.5	4704.2
7.5°	170.4	183.2	207.7	256.7	360.4	597.7	1035.7	1748.9	2857.5	4278.9	6423.1
5°	170.9	185.8	214.2	272.7	400.2	676.1	1205.2	2076.4	3319.3	5105.5	8574.6
2.5°	170.6	187.0	218.2	285.1	425.3	731.9	1323.0	2303.2	3608.0	5798.9	10753.7
0°	168.7	185.0	219.4	289.8	435.6	749.9	1372.2	2415.2	3730.1	6153.4	11805.8
-2.5°	170.6	187.0	218.2	285.1	425.3	731.9	1323.0	2303.2	3608.0	5798.9	10753.7
-5°	170.9	185.8	214.2	272.7	400.2	676.1	1205.2	2076.4	3319.3	5105.5	8574.6
-7.5°	170.4	183.2	207.7	256.7	360.4	597.7	1035.7	1748.9	2857.5	4278.9	6423.1
-10°	169.8	180.5	199.4	237.8	320.5	495.7	803.6	1360.7	2264.8	3390.5	4704.2
-12.5°	166.8	176.0	188.7	219.0	279.6	395.4	633.4	1038.1	1617.1	2465.5	3271.5
-15°	161.2	170.9	181.4	205.3	244.2	321.7	465.3	704.2	1111.3	1600.3	2192.7
-17.5°	152.9	165.2	175.3	189.6	218.1	266.8	349.1	494.9	696.9	1018.2	1320.2
-20°	144.4	158.4	168.2	179.8	198.7	226.5	276.5	348.7	458.1	618.9	777.1



REPORT NUMBER: P561400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-AMB-U-TS-BK

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	134.8	148.1	160.0	170.3	181.2	200.4	226.9	268.0	319.0	390.3	483.3
-25°	125.7	137.3	149.9	161.2	170.5	179.8	198.0	219.7	246.3	279.6	317.2
-27.5°	118.1	128.2	138.9	151.2	160.9	169.4	179.0	190.7	207.1	219.6	238.8
-30°	110.6	119.6	129.2	138.9	149.9	159.2	167.0	175.2	183.0	191.3	201.6
-32.5°	105.0	110.8	119.5	128.2	136.6	146.1	155.5	163.4	169.5	176.2	182.4
-35°	100.2	104.3	109.2	117.5	125.4	132.7	141.2	150.5	159.1	165.8	171.5
-37.5°	97.4	99.4	102.8	107.2	113.8	120.7	127.5	135.2	142.7	149.0	155.6
-40°	95.3	96.9	98.7	100.9	104.7	108.4	114.2	119.5	124.6	130.0	134.4
-42.5°	93.3	94.7	96.3	97.7	99.1	101.3	104.3	107.1	110.0	113.5	116.6
-45°	92.0	93.2	94.5	95.8	96.5	97.6	98.8	99.6	101.1	102.4	103.6
-47.5°	90.9	92.1	93.3	94.5	95.2	95.7	96.2	96.5	96.8	96.9	97.1
-50°	89.1	90.4	91.6	93.0	93.7	94.3	94.8	94.8	94.6	94.4	94.2
-52.5°	86.6	88.0	89.2	90.3	91.4	92.3	93.1	93.1	93.0	92.7	92.5
-55°	83.5	85.2	86.5	87.6	88.5	89.4	90.2	90.8	91.1	91.1	90.8
-57.5°	79.6	81.8	83.8	84.8	85.7	86.5	87.2	87.9	88.5	88.9	88.8
-60°	75.4	76.9	78.9	80.8	82.3	83.5	84.2	84.8	85.3	85.7	85.6
-62.5°	71.2	72.8	74.3	75.8	77.5	79.1	80.0	80.8	81.5	82.0	82.1
-65°	65.8	67.8	69.3	70.7	72.1	73.3	74.4	75.4	76.2	76.9	77.5
-67.5°	58.6	60.9	63.0	64.9	66.3	67.3	68.3	69.2	69.9	70.5	71.0
-70°	51.5	53.2	54.7	56.3	57.9	59.3	60.6	61.7	62.7	63.3	63.6
-72.5°	43.9	45.9	47.2	48.2	49.1	50.3	51.4	52.4	53.3	54.0	54.6
-75°	35.0	36.2	37.4	38.5	39.4	40.5	41.6	42.6	43.4	44.1	44.7
-77.5°	27.0	27.9	28.6	29.3	29.8	30.6	31.4	32.1	32.7	33.2	33.6
-80°	19.1	19.9	20.6	21.1	21.5	22.1	22.6	23.1	23.5	23.8	24.0
-82.5°	11.9	12.5	13.1	13.6	14.1	14.5	14.9	15.3	15.6	15.4	15.2
-85°	6.4	6.7	6.9	7.1	7.3	7.5	7.6	7.7	7.9	8.0	8.1
-87.5°	2.7	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.2	3.2	3.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-AMB-U-TS-BK

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°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.1
85°	8.1	8.2	8.2	8.2	8.2	8.2	8.1	8.1	8.0	7.9	7.7
82.5°	15.0	14.6	14.7	14.7	14.7	14.6	15.0	15.2	15.4	15.6	15.3
80°	24.3	24.4	24.6	24.6	24.6	24.4	24.3	24.0	23.8	23.5	23.1
77.5°	34.0	34.2	34.4	34.4	34.4	34.2	34.0	33.6	33.2	32.7	32.1
75°	45.2	45.5	45.0	44.2	45.0	45.5	45.2	44.7	44.1	43.4	42.6
72.5°	55.1	55.4	55.6	55.7	55.6	55.4	55.1	54.6	54.0	53.3	52.4
70°	63.8	63.7	63.8	63.9	63.8	63.7	63.8	63.6	63.3	62.7	61.7
67.5°	71.4	71.7	71.9	72.0	71.9	71.7	71.4	71.0	70.5	69.9	69.2
65°	78.0	78.3	77.8	77.0	77.8	78.3	78.0	77.5	76.9	76.2	75.4
62.5°	82.1	81.8	81.9	81.9	81.9	81.8	82.1	82.1	82.0	81.5	80.8
60°	85.4	85.1	85.1	85.1	85.1	85.1	85.4	85.6	85.7	85.3	84.8
57.5°	88.6	88.4	88.4	88.4	88.4	88.4	88.6	88.8	88.9	88.5	87.9
55°	90.5	90.2	90.1	90.1	90.1	90.2	90.5	90.8	91.1	91.1	90.8
52.5°	92.2	91.8	91.7	91.7	91.7	91.8	92.2	92.5	92.7	93.0	93.1
50°	93.8	93.4	93.3	93.3	93.3	93.4	93.8	94.2	94.4	94.6	94.8
47.5°	97.5	97.8	98.1	98.2	98.1	97.8	97.5	97.1	96.9	96.8	96.5
45°	104.8	105.7	106.2	106.4	106.2	105.7	104.8	103.6	102.4	101.1	99.6
42.5°	119.3	121.2	122.4	122.8	122.4	121.2	119.3	116.6	113.5	110.0	107.1
40°	137.1	138.3	138.8	139.2	138.8	138.3	137.1	134.4	130.0	124.6	119.5
37.5°	158.5	158.0	156.7	157.2	156.7	158.0	158.5	155.6	149.0	142.7	135.2
35°	173.8	172.6	171.0	168.7	171.0	172.6	173.8	171.5	165.8	159.1	150.5
32.5°	186.0	187.0	187.6	186.7	187.6	187.0	186.0	182.4	176.2	169.5	163.4
30°	209.5	214.8	218.2	219.4	218.2	214.8	209.5	201.6	191.3	183.0	175.2
27.5°	256.8	270.9	281.2	284.9	281.2	270.9	256.8	238.8	219.6	207.1	190.7
25°	354.5	389.4	408.8	412.6	408.8	389.4	354.5	317.2	279.6	246.3	219.7
22.5°	577.2	642.2	679.5	689.4	679.5	642.2	577.2	483.3	390.3	319.0	268.0
20°	990.0	1137.0	1214.3	1231.3	1214.3	1137.0	990.0	777.1	618.9	458.1	348.7
17.5°	1661.7	1949.0	2111.5	2167.1	2111.5	1949.0	1661.7	1320.2	1018.2	696.9	494.9
15°	2685.0	3072.6	3338.3	3374.7	3338.3	3072.6	2685.0	2192.7	1600.3	1111.3	704.2
12.5°	4025.5	4799.3	5428.2	5654.0	5428.2	4799.3	4025.5	3271.5	2465.5	1617.1	1038.1
10°	6160.1	8257.9	10381.8	11085.4	10381.8	8257.9	6160.1	4704.2	3390.5	2264.8	1360.7
7.5°	10170.5	16041.4	22582.3	25602.8	22582.3	16041.4	10170.5	6423.1	4278.9	2857.5	1748.9
5°	15674.0	30092.6	45654.7	52512.2	45654.7	30092.6	15674.0	8574.6	5105.5	3319.3	2076.4
2.5°	22627.9	45694.1	72837.1	84359.3	72837.1	45694.1	22627.9	10753.7	5798.9	3608.0	2303.2
0°	26592.6	52585.9	85683.9	100446.1	85683.9	52585.9	26592.6	11805.8	6153.4	3730.1	2415.2
-2.5°	22627.9	45694.1	72837.1	84359.3	72837.1	45694.1	22627.9	10753.7	5798.9	3608.0	2303.2
-5°	15674.0	30092.6	45654.7	52512.2	45654.7	30092.6	15674.0	8574.6	5105.5	3319.3	2076.4
-7.5°	10170.5	16041.4	22582.3	25602.8	22582.3	16041.4	10170.5	6423.1	4278.9	2857.5	1748.9
-10°	6160.1	8257.9	10381.8	11085.4	10381.8	8257.9	6160.1	4704.2	3390.5	2264.8	1360.7
-12.5°	4025.5	4799.3	5428.2	5654.0	5428.2	4799.3	4025.5	3271.5	2465.5	1617.1	1038.1
-15°	2685.0	3072.6	3338.3	3374.7	3338.3	3072.6	2685.0	2192.7	1600.3	1111.3	704.2
-17.5°	1661.7	1949.0	2111.5	2167.1	2111.5	1949.0	1661.7	1320.2	1018.2	696.9	494.9
-20°	990.0	1137.0	1214.3	1231.3	1214.3	1137.0	990.0	777.1	618.9	458.1	348.7



REPORT NUMBER: P561400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-AMB-U-TS-BK

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	577.2	642.2	679.5	689.4	679.5	642.2	577.2	483.3	390.3	319.0	268.0
-25°	354.5	389.4	408.8	412.6	408.8	389.4	354.5	317.2	279.6	246.3	219.7
-27.5°	256.8	270.9	281.2	284.9	281.2	270.9	256.8	238.8	219.6	207.1	190.7
-30°	209.5	214.8	218.2	219.4	218.2	214.8	209.5	201.6	191.3	183.0	175.2
-32.5°	186.0	187.0	187.6	186.7	187.6	187.0	186.0	182.4	176.2	169.5	163.4
-35°	173.8	172.6	171.0	168.7	171.0	172.6	173.8	171.5	165.8	159.1	150.5
-37.5°	158.5	158.0	156.7	157.2	156.7	158.0	158.5	155.6	149.0	142.7	135.2
-40°	137.1	138.3	138.8	139.2	138.8	138.3	137.1	134.4	130.0	124.6	119.5
-42.5°	119.3	121.2	122.4	122.8	122.4	121.2	119.3	116.6	113.5	110.0	107.1
-45°	104.8	105.7	106.2	106.4	106.2	105.7	104.8	103.6	102.4	101.1	99.6
-47.5°	97.5	97.8	98.1	98.2	98.1	97.8	97.5	97.1	96.9	96.8	96.5
-50°	93.8	93.4	93.3	93.3	93.3	93.4	93.8	94.2	94.4	94.6	94.8
-52.5°	92.2	91.8	91.7	91.7	91.7	91.8	92.2	92.5	92.7	93.0	93.1
-55°	90.5	90.2	90.1	90.1	90.1	90.2	90.5	90.8	91.1	91.1	90.8
-57.5°	88.6	88.4	88.4	88.4	88.4	88.4	88.6	88.8	88.9	88.5	87.9
-60°	85.4	85.1	85.1	85.1	85.1	85.1	85.4	85.6	85.7	85.3	84.8
-62.5°	82.1	81.8	81.9	81.9	81.9	81.8	82.1	82.1	82.0	81.5	80.8
-65°	78.0	78.3	77.8	77.0	77.8	78.3	78.0	77.5	76.9	76.2	75.4
-67.5°	71.4	71.7	71.9	72.0	71.9	71.7	71.4	71.0	70.5	69.9	69.2
-70°	63.8	63.7	63.8	63.9	63.8	63.7	63.8	63.6	63.3	62.7	61.7
-72.5°	55.1	55.4	55.6	55.7	55.6	55.4	55.1	54.6	54.0	53.3	52.4
-75°	45.2	45.5	45.0	44.2	45.0	45.5	45.2	44.7	44.1	43.4	42.6
-77.5°	34.0	34.2	34.4	34.4	34.4	34.2	34.0	33.6	33.2	32.7	32.1
-80°	24.3	24.4	24.6	24.6	24.6	24.4	24.3	24.0	23.8	23.5	23.1
-82.5°	15.0	14.6	14.7	14.7	14.7	14.6	15.0	15.2	15.4	15.6	15.3
-85°	8.1	8.2	8.2	8.2	8.2	8.2	8.1	8.1	8.0	7.9	7.7
-87.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	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



REPORT NUMBER: P561400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-AMB-U-TS-BK

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°	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3
85°	7.6	7.5	7.3	7.1	6.9	6.7	6.4	6.2	5.9	5.6	5.3
82.5°	14.9	14.5	14.1	13.6	13.1	12.5	11.9	11.3	10.6	9.9	9.2
80°	22.6	22.1	21.5	21.1	20.6	19.9	19.1	18.0	17.0	15.9	14.9
77.5°	31.4	30.6	29.8	29.3	28.6	27.9	27.0	25.8	24.4	23.0	21.5
75°	41.6	40.5	39.4	38.5	37.4	36.2	35.0	33.4	31.8	30.1	28.3
72.5°	51.4	50.3	49.1	48.2	47.2	45.9	43.9	41.7	39.4	37.2	35.1
70°	60.6	59.3	57.9	56.3	54.7	53.2	51.5	49.4	47.1	44.4	42.0
67.5°	68.3	67.3	66.3	64.9	63.0	60.9	58.6	56.3	54.0	51.3	49.0
65°	74.4	73.3	72.1	70.7	69.3	67.8	65.8	63.2	60.5	57.9	55.7
62.5°	80.0	79.1	77.5	75.8	74.3	72.8	71.2	69.0	66.4	63.7	61.4
60°	84.2	83.5	82.3	80.8	78.9	76.9	75.4	73.7	72.0	69.3	66.7
57.5°	87.2	86.5	85.7	84.8	83.8	81.8	79.6	77.5	75.6	73.8	71.5
55°	90.2	89.4	88.5	87.6	86.5	85.2	83.5	81.3	79.2	77.5	75.4
52.5°	93.1	92.3	91.4	90.3	89.2	88.0	86.6	84.7	82.7	80.9	79.0
50°	94.8	94.3	93.7	93.0	91.6	90.4	89.1	87.7	86.2	84.3	82.2
47.5°	96.2	95.7	95.2	94.5	93.3	92.1	90.9	90.0	88.7	87.5	85.3
45°	98.8	97.6	96.5	95.8	94.5	93.2	92.0	91.4	90.4	89.2	88.4
42.5°	104.3	101.3	99.1	97.7	96.3	94.7	93.3	92.8	92.1	90.6	89.5
40°	114.2	108.4	104.7	100.9	98.7	96.9	95.3	94.1	93.5	92.5	90.8
37.5°	127.5	120.7	113.8	107.2	102.8	99.4	97.4	95.7	94.8	94.1	92.8
35°	141.2	132.7	125.4	117.5	109.2	104.3	100.2	97.6	96.0	95.2	94.4
32.5°	155.5	146.1	136.6	128.2	119.5	110.8	105.0	100.5	97.4	96.3	95.5
30°	167.0	159.2	149.9	138.9	129.2	119.6	110.6	104.4	99.9	97.4	96.5
27.5°	179.0	169.4	160.9	151.2	138.9	128.2	118.1	108.8	102.5	99.1	97.5
25°	198.0	179.8	170.5	161.2	149.9	137.3	125.7	114.8	106.3	100.7	98.1
22.5°	226.9	200.4	181.2	170.3	160.0	148.1	134.8	120.9	109.9	102.9	99.2
20°	276.5	226.5	198.7	179.8	168.2	158.4	144.4	128.3	114.9	105.5	100.4
17.5°	349.1	266.8	218.1	189.6	175.3	165.2	152.9	135.9	119.7	107.7	101.4
15°	465.3	321.7	244.2	205.3	181.4	170.9	161.2	142.7	124.6	110.6	103.0
12.5°	633.4	395.4	279.6	219.0	188.7	176.0	166.8	149.4	129.8	114.1	104.3
10°	803.6	495.7	320.5	237.8	199.4	180.5	169.8	153.6	133.2	116.8	105.5
7.5°	1035.7	597.7	360.4	256.7	207.7	183.2	170.4	155.6	135.3	118.8	106.6
5°	1205.2	676.1	400.2	272.7	214.2	185.8	170.9	156.1	136.2	120.0	107.4
2.5°	1323.0	731.9	425.3	285.1	218.2	187.0	170.6	156.6	137.1	120.9	107.9
0°	1372.2	749.9	435.6	289.8	219.4	185.0	168.7	157.2	137.5	121.2	108.1
-2.5°	1323.0	731.9	425.3	285.1	218.2	187.0	170.6	156.6	137.1	120.9	107.9
-5°	1205.2	676.1	400.2	272.7	214.2	185.8	170.9	156.1	136.2	120.0	107.4
-7.5°	1035.7	597.7	360.4	256.7	207.7	183.2	170.4	155.6	135.3	118.8	106.6
-10°	803.6	495.7	320.5	237.8	199.4	180.5	169.8	153.6	133.2	116.8	105.5
-12.5°	633.4	395.4	279.6	219.0	188.7	176.0	166.8	149.4	129.8	114.1	104.3
-15°	465.3	321.7	244.2	205.3	181.4	170.9	161.2	142.7	124.6	110.6	103.0
-17.5°	349.1	266.8	218.1	189.6	175.3	165.2	152.9	135.9	119.7	107.7	101.4
-20°	276.5	226.5	198.7	179.8	168.2	158.4	144.4	128.3	114.9	105.5	100.4



REPORT NUMBER: P561400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-AMB-U-TS-BK

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	226.9	200.4	181.2	170.3	160.0	148.1	134.8	120.9	109.9	102.9	99.2
-25°	198.0	179.8	170.5	161.2	149.9	137.3	125.7	114.8	106.3	100.7	98.1
-27.5°	179.0	169.4	160.9	151.2	138.9	128.2	118.1	108.8	102.5	99.1	97.5
-30°	167.0	159.2	149.9	138.9	129.2	119.6	110.6	104.4	99.9	97.4	96.5
-32.5°	155.5	146.1	136.6	128.2	119.5	110.8	105.0	100.5	97.4	96.3	95.5
-35°	141.2	132.7	125.4	117.5	109.2	104.3	100.2	97.6	96.0	95.2	94.4
-37.5°	127.5	120.7	113.8	107.2	102.8	99.4	97.4	95.7	94.8	94.1	92.8
-40°	114.2	108.4	104.7	100.9	98.7	96.9	95.3	94.1	93.5	92.5	90.8
-42.5°	104.3	101.3	99.1	97.7	96.3	94.7	93.3	92.8	92.1	90.6	89.5
-45°	98.8	97.6	96.5	95.8	94.5	93.2	92.0	91.4	90.4	89.2	88.4
-47.5°	96.2	95.7	95.2	94.5	93.3	92.1	90.9	90.0	88.7	87.5	85.3
-50°	94.8	94.3	93.7	93.0	91.6	90.4	89.1	87.7	86.2	84.3	82.2
-52.5°	93.1	92.3	91.4	90.3	89.2	88.0	86.6	84.7	82.7	80.9	79.0
-55°	90.2	89.4	88.5	87.6	86.5	85.2	83.5	81.3	79.2	77.5	75.4
-57.5°	87.2	86.5	85.7	84.8	83.8	81.8	79.6	77.5	75.6	73.8	71.5
-60°	84.2	83.5	82.3	80.8	78.9	76.9	75.4	73.7	72.0	69.3	66.7
-62.5°	80.0	79.1	77.5	75.8	74.3	72.8	71.2	69.0	66.4	63.7	61.4
-65°	74.4	73.3	72.1	70.7	69.3	67.8	65.8	63.2	60.5	57.9	55.7
-67.5°	68.3	67.3	66.3	64.9	63.0	60.9	58.6	56.3	54.0	51.3	49.0
-70°	60.6	59.3	57.9	56.3	54.7	53.2	51.5	49.4	47.1	44.4	42.0
-72.5°	51.4	50.3	49.1	48.2	47.2	45.9	43.9	41.7	39.4	37.2	35.1
-75°	41.6	40.5	39.4	38.5	37.4	36.2	35.0	33.4	31.8	30.1	28.3
-77.5°	31.4	30.6	29.8	29.3	28.6	27.9	27.0	25.8	24.4	23.0	21.5
-80°	22.6	22.1	21.5	21.1	20.6	19.9	19.1	18.0	17.0	15.9	14.9
-82.5°	14.9	14.5	14.1	13.6	13.1	12.5	11.9	11.3	10.6	9.9	9.2
-85°	7.6	7.5	7.3	7.1	6.9	6.7	6.4	6.2	5.9	5.6	5.3
-87.5°	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3
-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: P561400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-AMB-U-TS-BK

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°	2.2	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.1	1.0
85°	5.0	4.7	4.4	4.0	3.7	3.3	3.0	2.8	2.5	2.3	2.0
82.5°	8.4	7.8	7.3	6.8	6.5	6.1	5.6	5.0	4.2	3.5	3.0
80°	13.9	12.8	11.7	10.6	9.8	9.0	8.5	7.7	6.7	5.7	4.6
77.5°	20.0	18.3	16.7	15.2	13.9	12.6	11.5	10.5	9.2	7.8	6.5
75°	26.5	24.5	22.5	20.4	18.2	16.2	14.7	13.2	11.6	10.0	8.4
72.5°	32.9	30.7	28.3	25.7	23.0	20.4	18.0	15.9	14.0	12.2	10.3
70°	39.6	36.9	34.1	31.2	28.0	24.6	21.7	19.1	16.5	14.3	12.2
67.5°	46.5	43.7	40.4	36.8	33.3	29.6	25.5	22.3	19.4	16.5	14.0
65°	53.0	50.1	47.0	42.8	38.7	34.7	30.3	25.9	22.3	19.1	15.9
62.5°	58.9	56.1	52.6	48.4	43.9	39.4	35.1	30.3	25.4	21.6	18.0
60°	64.1	61.2	58.0	53.8	49.0	44.0	39.3	34.6	29.3	24.1	20.2
57.5°	68.6	66.0	62.5	58.8	54.1	48.6	43.3	38.4	33.1	27.3	22.3
55°	72.8	69.8	66.7	62.9	58.8	53.5	47.4	42.0	36.7	30.6	24.4
52.5°	76.6	73.6	70.5	66.8	62.5	58.0	51.9	45.4	39.8	33.8	27.1
50°	80.0	77.1	74.0	70.5	66.2	61.5	56.2	49.3	42.8	36.8	29.7
47.5°	83.0	80.2	77.0	73.9	69.7	64.9	59.7	53.1	45.7	39.4	32.2
45°	85.7	83.1	79.8	76.4	73.1	68.1	62.9	56.8	49.0	41.8	34.6
42.5°	88.2	85.6	82.7	78.6	75.4	71.1	66.0	59.8	52.2	44.2	36.8
40°	89.5	87.6	85.3	81.4	77.6	73.7	68.6	62.6	55.2	46.6	38.8
37.5°	90.9	89.2	86.9	84.0	79.8	75.7	70.9	65.4	57.8	49.1	40.8
35°	92.7	90.7	88.3	85.8	81.9	77.7	72.9	67.8	60.1	51.4	42.7
32.5°	94.4	92.1	89.6	87.0	83.9	79.7	74.8	69.3	62.1	53.5	44.5
30°	95.5	93.5	90.8	88.1	85.4	81.4	76.5	70.9	64.0	55.4	46.2
27.5°	96.2	94.7	91.9	89.2	86.4	82.8	78.1	72.3	65.8	57.1	47.8
25°	96.8	95.4	93.0	90.1	87.3	84.0	79.5	73.8	67.2	58.5	49.2
22.5°	97.3	95.9	94.0	91.0	88.1	85.1	80.7	75.0	68.3	59.8	50.4
20°	97.8	96.4	94.8	91.8	88.8	85.8	81.6	76.0	69.3	60.9	51.5
17.5°	98.4	96.7	95.0	92.4	89.5	86.4	82.4	77.0	70.3	61.9	52.4
15°	99.1	96.9	95.0	92.8	90.1	86.9	83.1	77.8	71.1	62.8	53.3
12.5°	99.6	97.1	95.0	93.1	90.6	87.4	83.7	78.6	71.9	63.6	54.3
10°	99.8	97.4	95.0	93.2	91.0	87.7	84.2	79.1	72.5	64.3	55.1
7.5°	99.8	97.7	94.9	93.1	91.2	88.0	84.6	79.6	73.0	64.9	55.9
5°	99.9	97.7	94.9	93.2	91.0	88.2	84.9	79.9	73.4	65.2	56.5
2.5°	100.7	97.2	95.0	93.3	90.6	88.4	85.0	80.1	73.6	65.4	57.0
0°	101.5	96.6	95.0	93.3	90.1	88.4	85.1	80.2	73.7	65.5	57.3
-2.5°	100.7	97.2	95.0	93.3	90.6	88.4	85.0	80.1	73.6	65.4	57.0
-5°	99.9	97.7	94.9	93.2	91.0	88.2	84.9	79.9	73.4	65.2	56.5
-7.5°	99.8	97.7	94.9	93.1	91.2	88.0	84.6	79.6	73.0	64.9	55.9
-10°	99.8	97.4	95.0	93.2	91.0	87.7	84.2	79.1	72.5	64.3	55.1
-12.5°	99.6	97.1	95.0	93.1	90.6	87.4	83.7	78.6	71.9	63.6	54.3
-15°	99.1	96.9	95.0	92.8	90.1	86.9	83.1	77.8	71.1	62.8	53.3
-17.5°	98.4	96.7	95.0	92.4	89.5	86.4	82.4	77.0	70.3	61.9	52.4
-20°	97.8	96.4	94.8	91.8	88.8	85.8	81.6	76.0	69.3	60.9	51.5



REPORT NUMBER: P561400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-AMB-U-TS-BK

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	97.3	95.9	94.0	91.0	88.1	85.1	80.7	75.0	68.3	59.8	50.4
-25°	96.8	95.4	93.0	90.1	87.3	84.0	79.5	73.8	67.2	58.5	49.2
-27.5°	96.2	94.7	91.9	89.2	86.4	82.8	78.1	72.3	65.8	57.1	47.8
-30°	95.5	93.5	90.8	88.1	85.4	81.4	76.5	70.9	64.0	55.4	46.2
-32.5°	94.4	92.1	89.6	87.0	83.9	79.7	74.8	69.3	62.1	53.5	44.5
-35°	92.7	90.7	88.3	85.8	81.9	77.7	72.9	67.8	60.1	51.4	42.7
-37.5°	90.9	89.2	86.9	84.0	79.8	75.7	70.9	65.4	57.8	49.1	40.8
-40°	89.5	87.6	85.3	81.4	77.6	73.7	68.6	62.6	55.2	46.6	38.8
-42.5°	88.2	85.6	82.7	78.6	75.4	71.1	66.0	59.8	52.2	44.2	36.8
-45°	85.7	83.1	79.8	76.4	73.1	68.1	62.9	56.8	49.0	41.8	34.6
-47.5°	83.0	80.2	77.0	73.9	69.7	64.9	59.7	53.1	45.7	39.4	32.2
-50°	80.0	77.1	74.0	70.5	66.2	61.5	56.2	49.3	42.8	36.8	29.7
-52.5°	76.6	73.6	70.5	66.8	62.5	58.0	51.9	45.4	39.8	33.8	27.1
-55°	72.8	69.8	66.7	62.9	58.8	53.5	47.4	42.0	36.7	30.6	24.4
-57.5°	68.6	66.0	62.5	58.8	54.1	48.6	43.3	38.4	33.1	27.3	22.3
-60°	64.1	61.2	58.0	53.8	49.0	44.0	39.3	34.6	29.3	24.1	20.2
-62.5°	58.9	56.1	52.6	48.4	43.9	39.4	35.1	30.3	25.4	21.6	18.0
-65°	53.0	50.1	47.0	42.8	38.7	34.7	30.3	25.9	22.3	19.1	15.9
-67.5°	46.5	43.7	40.4	36.8	33.3	29.6	25.5	22.3	19.4	16.5	14.0
-70°	39.6	36.9	34.1	31.2	28.0	24.6	21.7	19.1	16.5	14.3	12.2
-72.5°	32.9	30.7	28.3	25.7	23.0	20.4	18.0	15.9	14.0	12.2	10.3
-75°	26.5	24.5	22.5	20.4	18.2	16.2	14.7	13.2	11.6	10.0	8.4
-77.5°	20.0	18.3	16.7	15.2	13.9	12.6	11.5	10.5	9.2	7.8	6.5
-80°	13.9	12.8	11.7	10.6	9.8	9.0	8.5	7.7	6.7	5.7	4.6
-82.5°	8.4	7.8	7.3	6.8	6.5	6.1	5.6	5.0	4.2	3.5	3.0
-85°	5.0	4.7	4.4	4.0	3.7	3.3	3.0	2.8	2.5	2.3	2.0
-87.5°	2.2	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.1	1.0
-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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 CATALOG NUMBER: GFLD-SA5B-AMB-U-TS-BK

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°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
85°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
82.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
80°	3.5	2.8	2.3	1.7	1.1	0.6	0.0
77.5°	5.1	3.8	2.8	2.1	1.4	0.7	0.0
75°	6.8	5.1	3.5	2.6	1.7	0.9	0.0
72.5°	8.4	6.5	4.6	3.0	2.0	1.0	0.0
70°	10.0	7.8	5.7	3.5	2.3	1.1	0.0
67.5°	11.6	9.2	6.7	4.2	2.5	1.3	0.0
65°	13.2	10.5	7.7	5.0	2.8	1.4	0.0
62.5°	14.7	11.7	8.8	5.8	3.0	1.5	0.0
60°	16.2	13.0	9.8	6.5	3.3	1.6	0.0
57.5°	18.0	14.2	10.7	7.3	3.8	1.8	0.0
55°	19.8	15.4	11.7	8.0	4.3	1.9	0.0
52.5°	21.5	16.6	12.6	8.6	4.7	2.0	0.0
50°	23.2	18.0	13.5	9.3	5.2	2.1	0.0
47.5°	24.9	19.4	14.4	10.0	5.6	2.2	0.0
45°	26.9	20.7	15.2	10.6	6.0	2.3	0.0
42.5°	28.9	21.9	16.0	11.2	6.4	2.4	0.0
40°	30.7	23.1	16.9	11.7	6.8	2.5	0.0
37.5°	32.4	24.2	17.8	12.3	7.1	2.6	0.0
35°	33.9	25.5	18.6	12.8	7.4	2.7	0.0
32.5°	35.4	26.7	19.4	13.3	7.8	2.8	0.0
30°	36.8	27.8	20.2	13.7	8.1	2.9	0.0
27.5°	38.1	28.8	20.9	14.2	8.3	2.9	0.0
25°	39.4	29.8	21.5	14.5	8.6	3.0	0.0
22.5°	40.5	30.6	22.1	14.9	8.8	3.0	0.0
20°	41.6	31.5	22.6	15.2	9.0	3.1	0.0
17.5°	42.6	32.4	23.1	15.5	9.2	3.1	0.0
15°	43.5	33.2	23.5	15.7	9.4	3.2	0.0
12.5°	44.2	33.9	23.8	15.9	9.5	3.2	0.0
10°	44.8	34.5	24.1	16.1	9.6	3.2	0.0
7.5°	45.3	35.0	24.3	16.2	9.7	3.3	0.0
5°	45.6	35.4	24.5	16.3	9.8	3.3	0.0
2.5°	45.7	35.8	24.6	16.4	9.8	3.3	0.0
0°	45.8	36.0	24.6	16.4	9.8	3.3	0.0
-2.5°	45.7	35.8	24.6	16.4	9.8	3.3	0.0
-5°	45.6	35.4	24.5	16.3	9.8	3.3	0.0
-7.5°	45.3	35.0	24.3	16.2	9.7	3.3	0.0
-10°	44.8	34.5	24.1	16.1	9.6	3.2	0.0
-12.5°	44.2	33.9	23.8	15.9	9.5	3.2	0.0
-15°	43.5	33.2	23.5	15.7	9.4	3.2	0.0
-17.5°	42.6	32.4	23.1	15.5	9.2	3.1	0.0
-20°	41.6	31.5	22.6	15.2	9.0	3.1	0.0



REPORT NUMBER: P561400 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	40.5	30.6	22.1	14.9	8.8	3.0	0.0
-25°	39.4	29.8	21.5	14.5	8.6	3.0	0.0
-27.5°	38.1	28.8	20.9	14.2	8.3	2.9	0.0
-30°	36.8	27.8	20.2	13.7	8.1	2.9	0.0
-32.5°	35.4	26.7	19.4	13.3	7.8	2.8	0.0
-35°	33.9	25.5	18.6	12.8	7.4	2.7	0.0
-37.5°	32.4	24.2	17.8	12.3	7.1	2.6	0.0
-40°	30.7	23.1	16.9	11.7	6.8	2.5	0.0
-42.5°	28.9	21.9	16.0	11.2	6.4	2.4	0.0
-45°	26.9	20.7	15.2	10.6	6.0	2.3	0.0
-47.5°	24.9	19.4	14.4	10.0	5.6	2.2	0.0
-50°	23.2	18.0	13.5	9.3	5.2	2.1	0.0
-52.5°	21.5	16.6	12.6	8.6	4.7	2.0	0.0
-55°	19.8	15.4	11.7	8.0	4.3	1.9	0.0
-57.5°	18.0	14.2	10.7	7.3	3.8	1.8	0.0
-60°	16.2	13.0	9.8	6.5	3.3	1.6	0.0
-62.5°	14.7	11.7	8.8	5.8	3.0	1.5	0.0
-65°	13.2	10.5	7.7	5.0	2.8	1.4	0.0
-67.5°	11.6	9.2	6.7	4.2	2.5	1.3	0.0
-70°	10.0	7.8	5.7	3.5	2.3	1.1	0.0
-72.5°	8.4	6.5	4.6	3.0	2.0	1.0	0.0
-75°	6.8	5.1	3.5	2.6	1.7	0.9	0.0
-77.5°	5.1	3.8	2.8	2.1	1.4	0.7	0.0
-80°	3.5	2.8	2.3	1.7	1.1	0.6	0.0
-82.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
-85°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
-87.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)