

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: P561409 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-AMB-U-TSB-BK**

Issue Date: 7/30/2021

Test Information

Test Method: LM-79-08
Report Number: P561409 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/30/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6B-AMB-U-TSB-BK
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (96) 1549K CCT, -21.5 CRI LEDS
Ballast/Driver: -

Summary

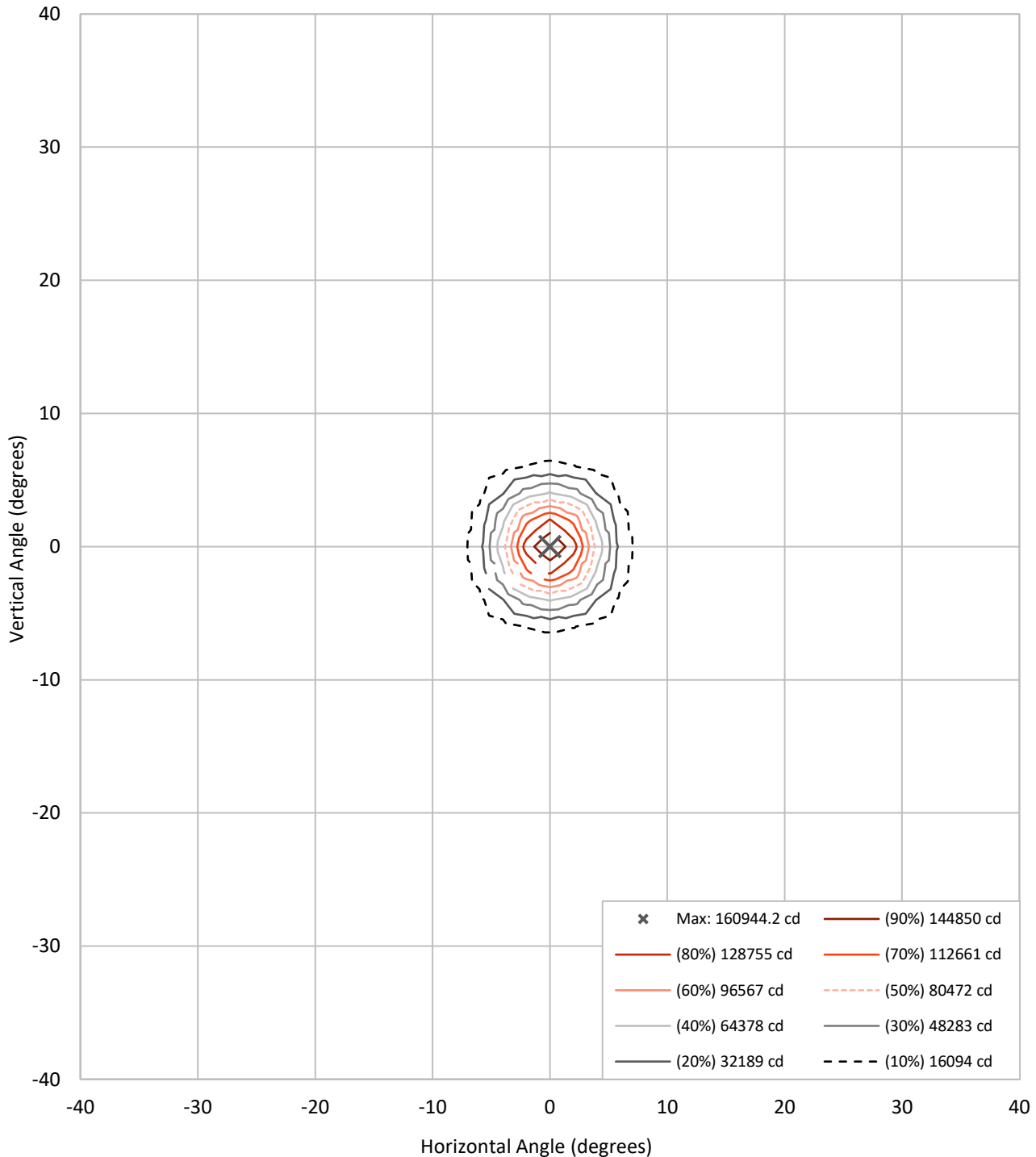
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	3764.8 lumens	Max Intensity:	160944.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	31.7 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	7.8°H x 7.2°V	Field Angle (10%):	13.6°H x 12.7°V
Beam Lumens:	970.4 lumens	Field Lumens:	2509 lumens
Beam Efficiency:	25.8%	Field Efficiency:	66.6%

Input Watts (W): 118.8
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: P561409 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





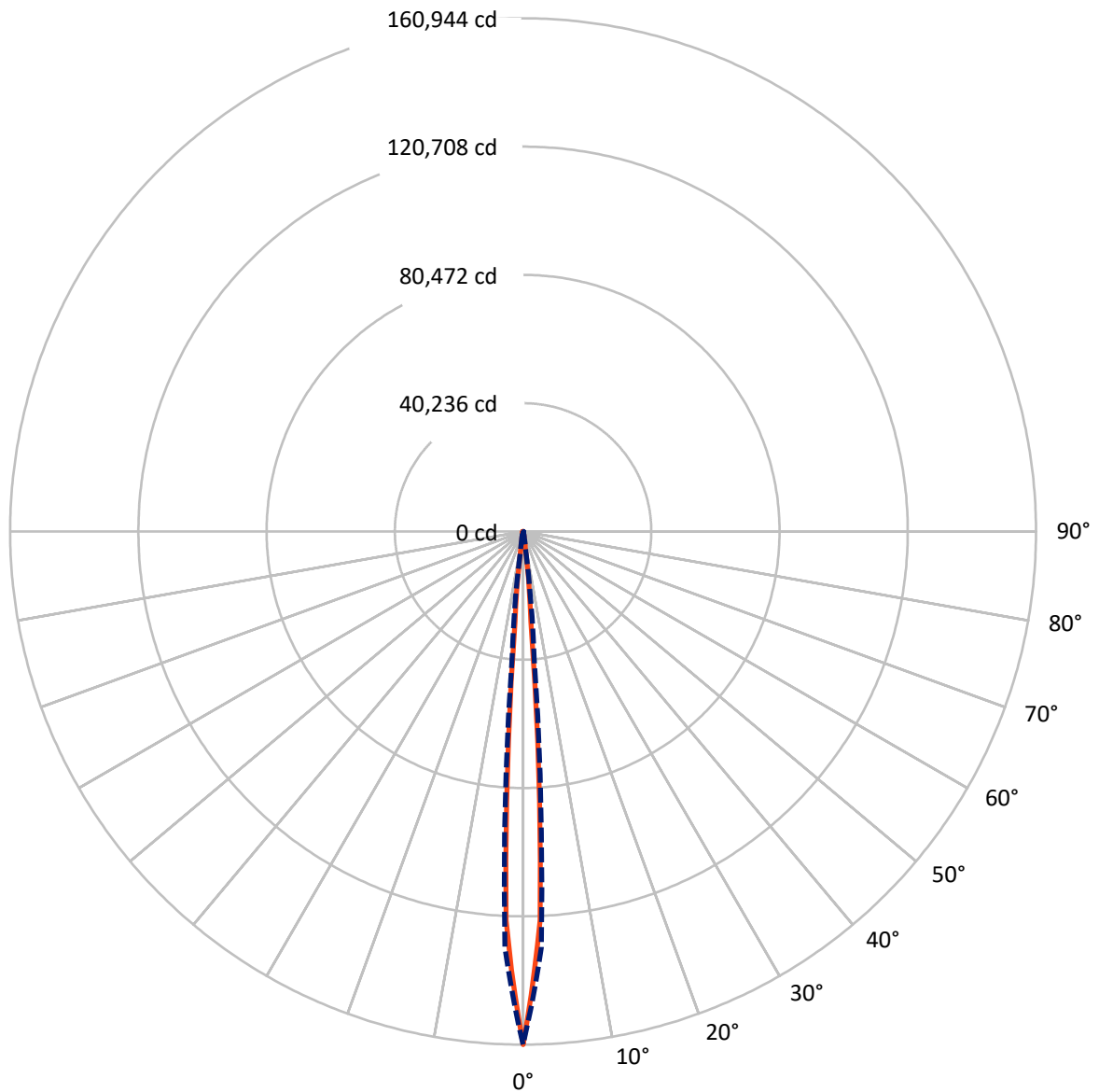
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Lumen Table

90	0.0	0.1	0.4	1.0	1.7	1.0	0.4	0.1	0.0										
80	0.0	0.1	0.4	1.0	1.7	1.0	0.4	0.1	0.0										
70	0.1	0.1	0.2	0.5	0.8	0.9	1.5	3.0	3.0	1.5	0.9	0.8	0.5	0.2	0.1	0.1			
60		0.2	0.4	0.9	1.4	1.8	2.4	3.5	3.5	2.4	1.8	1.4	0.9	0.4	0.2				
50	0.2	0.3	0.7	1.4	2.3	3.4	4.4	5.5	5.5	4.4	3.4	2.3	1.4	0.7	0.3	0.2			
40		0.5	0.9	1.9	3.5	4.6	5.2	5.7	5.7	5.2	4.6	3.5	1.9	0.9	0.5				
30	0.4	0.7	1.2	2.6	4.2	4.8	6.4	9.1	9.1	6.4	4.8	4.2	2.6	1.2	0.7	0.4			
20		1.0	1.7	3.5	4.7	6.2	13.6	25.8	25.8	13.6	6.2	4.7	3.5	1.7	1.0				
10	0.5	1.1	2.2	4.0	4.9	8.6	26.9	746.8	746.8	26.9	8.6	4.9	4.0	2.2	1.1	0.5			
0		1.1	2.2	4.0	4.9	8.6	26.9	746.8	746.8	26.9	8.6	4.9	4.0	2.2	1.1				
-10	0.4	1.0	1.7	3.5	4.7	6.2	13.6	25.8	25.8	13.6	6.2	4.7	3.5	1.7	1.0	0.4			
-20		0.7	1.2	2.6	4.2	4.8	6.4	9.1	9.1	6.4	4.8	4.2	2.6	1.2	0.7				
-30	0.2	0.5	0.9	1.9	3.5	4.6	5.2	5.7	5.7	5.2	4.6	3.5	1.9	0.9	0.5	0.2			
-40		0.3	0.7	1.4	2.3	3.4	4.4	5.5	5.5	4.4	3.4	2.3	1.4	0.7	0.3				
-50	0.1	0.2	0.4	0.9	1.4	1.8	2.4	3.5	3.5	2.4	1.8	1.4	0.9	0.4	0.2	0.1			
-60		0.1	0.2	0.5	0.8	0.9	1.5	3.0	3.0	1.5	0.9	0.8	0.5	0.2	0.1				
-70	0.0	0.1	0.4	1.0	1.7	1.0	0.4	0.1	0.0						0.0				
-80		0.1	0.4	1.0	1.7	1.0	0.4	0.1	0.0										
-90	0.0	0.1	0.4	1.0	1.7	1.0	0.4	0.1	0.0						0.0				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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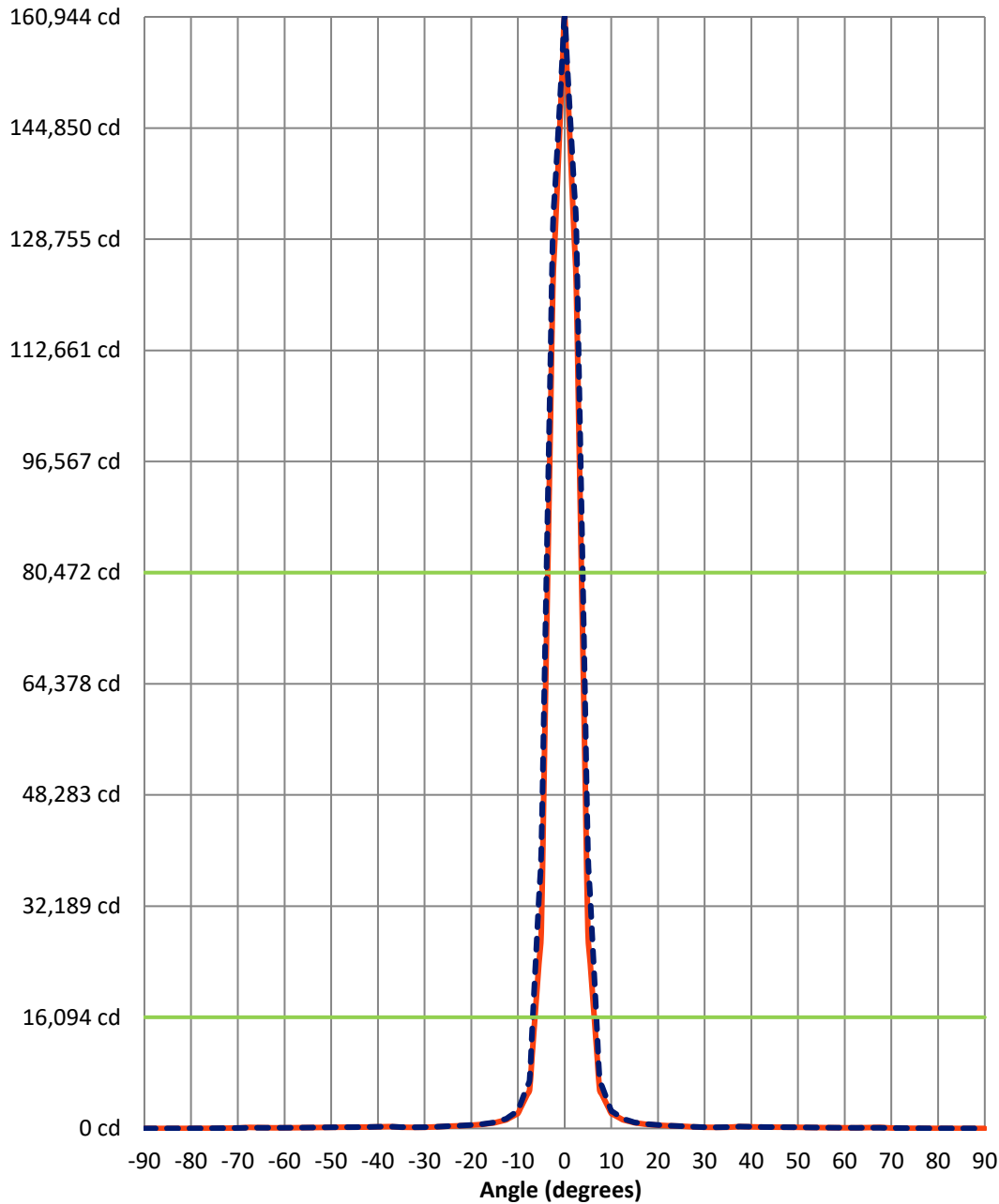
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 7.8°
V Angle: 7.2°
Lumens: 970.4
Efficiency: 25.8%

Field:
H Angle: 13.6°
V Angle: 12.7°
Lumens: 2509
Efficiency: 66.6%

Spill:
Lumens: 1255.8
Efficiency: 33.4%

— 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	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.0	2.0
80°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.0	2.0	2.0	2.0
77.5°	0.0	0.4	0.9	1.3	1.7	2.0	2.0	2.0	2.0	2.0	2.0
75°	0.0	0.5	1.0	1.5	2.0	2.0	2.0	2.0	2.0	2.2	2.1
72.5°	0.0	0.6	1.2	1.8	2.0	2.0	2.0	2.1	2.4	2.4	2.2
70°	0.0	0.7	1.4	2.0	2.0	2.0	2.1	2.6	2.8	2.7	3.4
67.5°	0.0	0.8	1.5	2.0	2.0	2.0	2.5	3.1	3.2	3.9	4.9
65°	0.0	0.8	1.7	2.0	2.0	2.2	3.0	3.6	4.1	5.1	6.2
62.5°	0.0	0.9	1.8	2.0	2.0	2.6	3.4	4.2	5.0	6.2	7.4
60°	0.0	1.0	2.0	2.0	2.0	2.9	3.9	4.8	5.7	7.6	8.7
57.5°	0.0	1.1	2.0	2.0	2.3	3.3	4.4	5.4	7.1	9.1	10.4
55°	0.0	1.1	2.0	2.0	2.5	3.6	4.9	5.9	8.7	10.7	12.4
52.5°	0.0	1.2	2.0	2.0	2.8	4.0	5.5	7.5	10.3	12.6	14.4
50°	0.0	1.3	2.0	2.0	3.1	4.5	6.1	9.1	12.0	14.5	17.4
47.5°	0.0	1.4	2.0	2.0	3.3	5.0	6.9	10.9	13.8	16.5	20.6
45°	0.0	1.4	2.0	2.2	3.6	5.6	8.4	12.6	15.8	19.5	23.9
42.5°	0.0	1.5	2.0	2.4	3.8	6.1	9.9	14.4	17.9	22.6	28.2
40°	0.0	1.5	2.0	2.6	4.1	6.7	11.5	16.3	20.3	25.8	32.8
37.5°	0.0	1.6	2.0	2.7	4.5	7.2	13.1	18.2	23.4	29.7	37.6
35°	0.0	1.6	2.0	2.9	4.9	8.2	14.6	20.1	26.5	34.3	41.8
32.5°	0.0	1.7	2.0	3.0	5.3	9.4	16.2	22.0	29.6	39.0	45.5
30°	0.0	1.7	2.0	3.1	5.7	10.6	17.7	24.1	32.7	43.7	50.5
27.5°	0.0	1.8	2.0	3.3	6.0	11.8	19.3	26.6	36.1	48.5	56.8
25°	0.0	1.8	2.0	3.4	6.2	12.9	20.8	29.1	40.0	53.5	64.2
22.5°	0.0	1.8	2.0	3.5	6.4	13.8	22.2	31.6	43.9	59.2	69.6
20°	0.0	1.9	2.0	3.6	6.5	14.1	23.7	33.9	47.6	65.5	75.0
17.5°	0.0	1.9	2.0	3.6	6.5	14.2	24.5	36.2	51.2	72.2	80.3
15°	0.0	1.9	2.0	3.7	6.5	14.2	24.9	37.9	54.7	79.2	85.6
12.5°	0.0	2.0	2.0	3.8	6.5	14.1	25.2	38.9	57.1	86.4	90.9
10°	0.0	2.0	2.0	3.8	6.4	13.8	25.5	39.7	58.5	89.3	94.3
7.5°	0.0	2.0	2.0	3.9	6.3	13.4	25.7	40.4	59.6	91.0	93.8
5°	0.0	2.0	2.0	3.9	6.2	13.0	25.8	40.9	60.4	92.1	93.3
2.5°	0.0	2.0	2.0	3.9	6.1	12.4	25.8	41.2	60.8	92.5	92.9
0°	0.0	2.0	2.0	3.9	5.9	11.8	25.6	41.3	61.0	92.4	92.4
-2.5°	0.0	2.0	2.0	3.9	6.1	12.4	25.8	41.2	60.8	92.5	92.9
-5°	0.0	2.0	2.0	3.9	6.2	13.0	25.8	40.9	60.4	92.1	93.3
-7.5°	0.0	2.0	2.0	3.9	6.3	13.4	25.7	40.4	59.6	91.0	93.8
-10°	0.0	2.0	2.0	3.8	6.4	13.8	25.5	39.7	58.5	89.3	94.3
-12.5°	0.0	2.0	2.0	3.8	6.5	14.1	25.2	38.9	57.1	86.4	90.9
-15°	0.0	1.9	2.0	3.7	6.5	14.2	24.9	37.9	54.7	79.2	85.6
-17.5°	0.0	1.9	2.0	3.6	6.5	14.2	24.5	36.2	51.2	72.2	80.3
-20°	0.0	1.9	2.0	3.6	6.5	14.1	23.7	33.9	47.6	65.5	75.0



REPORT NUMBER: P561409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-TSB-BK

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.8	2.0	3.5	6.4	13.8	22.2	31.6	43.9	59.2	69.6
-25°	0.0	1.8	2.0	3.4	6.2	12.9	20.8	29.1	40.0	53.5	64.2
-27.5°	0.0	1.8	2.0	3.3	6.0	11.8	19.3	26.6	36.1	48.5	56.8
-30°	0.0	1.7	2.0	3.1	5.7	10.6	17.7	24.1	32.7	43.7	50.5
-32.5°	0.0	1.7	2.0	3.0	5.3	9.4	16.2	22.0	29.6	39.0	45.5
-35°	0.0	1.6	2.0	2.9	4.9	8.2	14.6	20.1	26.5	34.3	41.8
-37.5°	0.0	1.6	2.0	2.7	4.5	7.2	13.1	18.2	23.4	29.7	37.6
-40°	0.0	1.5	2.0	2.6	4.1	6.7	11.5	16.3	20.3	25.8	32.8
-42.5°	0.0	1.5	2.0	2.4	3.8	6.1	9.9	14.4	17.9	22.6	28.2
-45°	0.0	1.4	2.0	2.2	3.6	5.6	8.4	12.6	15.8	19.5	23.9
-47.5°	0.0	1.4	2.0	2.0	3.3	5.0	6.9	10.9	13.8	16.5	20.6
-50°	0.0	1.3	2.0	2.0	3.1	4.5	6.1	9.1	12.0	14.5	17.4
-52.5°	0.0	1.2	2.0	2.0	2.8	4.0	5.5	7.5	10.3	12.6	14.4
-55°	0.0	1.1	2.0	2.0	2.5	3.6	4.9	5.9	8.7	10.7	12.4
-57.5°	0.0	1.1	2.0	2.0	2.3	3.3	4.4	5.4	7.1	9.1	10.4
-60°	0.0	1.0	2.0	2.0	2.0	2.9	3.9	4.8	5.7	7.6	8.7
-62.5°	0.0	0.9	1.8	2.0	2.0	2.6	3.4	4.2	5.0	6.2	7.4
-65°	0.0	0.8	1.7	2.0	2.0	2.2	3.0	3.6	4.1	5.1	6.2
-67.5°	0.0	0.8	1.5	2.0	2.0	2.0	2.5	3.1	3.2	3.9	4.9
-70°	0.0	0.7	1.4	2.0	2.0	2.0	2.1	2.6	2.8	2.7	3.4
-72.5°	0.0	0.6	1.2	1.8	2.0	2.0	2.0	2.1	2.4	2.4	2.2
-75°	0.0	0.5	1.0	1.5	2.0	2.0	2.0	2.0	2.0	2.2	2.1
-77.5°	0.0	0.4	0.9	1.3	1.7	2.0	2.0	2.0	2.0	2.0	2.0
-80°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.0	2.0	2.0	2.0
-82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.0	2.0
-85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
-87.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
-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):

	-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°	0.7	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.4	1.0	0.6	0.3	0.3	0.3	0.2	0.0	0.0	0.0	0.0
82.5°	1.7	1.5	1.4	1.4	1.3	1.0	0.6	0.3	0.4	0.6	0.8
80°	1.9	2.0	2.0	2.0	1.8	1.6	1.6	1.7	1.9	2.2	2.6
77.5°	2.0	2.0	2.0	2.0	2.1	2.6	2.9	3.1	3.5	4.3	5.1
75°	2.0	2.0	2.8	3.6	4.2	4.6	4.7	5.0	5.8	7.0	8.1
72.5°	2.8	3.8	4.8	5.8	6.9	7.5	7.9	8.0	9.3	11.3	12.9
70°	4.5	5.7	6.9	8.7	10.4	11.0	12.1	13.8	16.1	17.6	18.6
67.5°	6.1	7.2	9.0	11.3	13.3	14.6	16.7	19.2	22.0	23.2	23.8
65°	7.0	8.6	10.8	13.2	15.5	17.6	20.4	23.6	26.0	26.3	26.9
62.5°	7.8	10.0	12.6	15.1	17.6	20.2	23.6	26.0	27.4	29.5	32.5
60°	9.6	11.6	14.5	17.4	20.1	23.9	26.9	29.6	31.8	34.0	39.1
57.5°	11.5	13.5	16.8	20.1	24.0	28.3	32.0	34.8	38.1	42.0	46.3
55°	13.9	15.8	19.4	23.3	28.0	33.7	37.9	41.8	45.9	47.9	50.8
52.5°	17.0	18.6	22.0	26.7	32.5	38.6	44.1	47.9	50.5	52.7	55.8
50°	20.2	22.2	24.7	30.4	36.6	43.2	49.5	52.7	55.6	58.4	62.1
47.5°	24.1	26.3	27.7	33.8	40.4	47.0	53.3	57.8	61.0	65.6	70.6
45°	28.4	30.5	32.0	36.9	43.6	50.2	56.7	62.8	67.8	73.4	80.2
42.5°	33.2	34.3	36.2	39.6	46.5	53.3	60.0	67.8	74.9	82.4	91.6
40°	36.6	37.9	40.1	43.3	49.1	56.1	64.0	72.6	83.1	93.4	104.6
37.5°	39.7	41.2	43.7	47.1	51.6	59.3	67.8	78.8	91.7	105.4	120.9
35°	42.5	44.2	46.8	50.7	55.6	62.6	73.1	85.6	101.1	119.7	133.9
32.5°	45.1	46.9	49.6	54.3	60.1	67.2	78.2	93.9	112.6	131.6	141.1
30°	48.9	49.3	52.3	57.8	64.6	74.0	85.4	102.4	124.5	137.6	146.5
27.5°	54.8	51.6	55.3	61.6	69.3	81.0	95.0	113.3	131.9	143.4	150.8
25°	60.6	57.3	58.2	65.3	75.6	89.0	104.9	126.3	138.4	146.7	155.4
22.5°	66.2	62.6	64.9	68.8	81.8	97.0	116.2	135.8	147.6	151.1	161.0
20°	71.4	68.9	71.9	77.3	88.7	104.4	126.8	145.4	156.7	162.6	168.8
17.5°	76.4	75.0	79.2	86.8	99.0	114.1	136.4	155.4	167.5	172.4	180.3
15°	81.2	81.0	86.4	95.7	108.8	126.3	147.1	164.7	177.7	181.7	192.7
12.5°	85.9	86.9	93.6	104.1	118.0	137.5	156.9	172.3	183.1	192.0	203.9
10°	90.6	92.5	100.7	111.9	126.6	147.9	165.4	178.3	187.5	200.6	212.4
7.5°	90.9	95.4	106.5	119.3	134.7	157.3	172.6	182.8	192.2	208.7	220.9
5°	90.6	95.2	106.8	121.0	138.9	162.7	177.5	186.1	196.9	216.4	229.3
2.5°	90.5	94.9	106.6	121.7	140.5	162.5	176.5	185.6	199.2	227.4	245.8
0°	90.5	94.4	106.2	121.9	141.6	161.2	175.0	184.8	200.6	239.9	269.4
-2.5°	90.5	94.9	106.6	121.7	140.5	162.5	176.5	185.6	199.2	227.4	245.8
-5°	90.6	95.2	106.8	121.0	138.9	162.7	177.5	186.1	196.9	216.4	229.3
-7.5°	90.9	95.4	106.5	119.3	134.7	157.3	172.6	182.8	192.2	208.7	220.9
-10°	90.6	92.5	100.7	111.9	126.6	147.9	165.4	178.3	187.5	200.6	212.4
-12.5°	85.9	86.9	93.6	104.1	118.0	137.5	156.9	172.3	183.1	192.0	203.9
-15°	81.2	81.0	86.4	95.7	108.8	126.3	147.1	164.7	177.7	181.7	192.7
-17.5°	76.4	75.0	79.2	86.8	99.0	114.1	136.4	155.4	167.5	172.4	180.3
-20°	71.4	68.9	71.9	77.3	88.7	104.4	126.8	145.4	156.7	162.6	168.8



REPORT NUMBER: P561409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-TSB-BK

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	66.2	62.6	64.9	68.8	81.8	97.0	116.2	135.8	147.6	151.1	161.0
-25°	60.6	57.3	58.2	65.3	75.6	89.0	104.9	126.3	138.4	146.7	155.4
-27.5°	54.8	51.6	55.3	61.6	69.3	81.0	95.0	113.3	131.9	143.4	150.8
-30°	48.9	49.3	52.3	57.8	64.6	74.0	85.4	102.4	124.5	137.6	146.5
-32.5°	45.1	46.9	49.6	54.3	60.1	67.2	78.2	93.9	112.6	131.6	141.1
-35°	42.5	44.2	46.8	50.7	55.6	62.6	73.1	85.6	101.1	119.7	133.9
-37.5°	39.7	41.2	43.7	47.1	51.6	59.3	67.8	78.8	91.7	105.4	120.9
-40°	36.6	37.9	40.1	43.3	49.1	56.1	64.0	72.6	83.1	93.4	104.6
-42.5°	33.2	34.3	36.2	39.6	46.5	53.3	60.0	67.8	74.9	82.4	91.6
-45°	28.4	30.5	32.0	36.9	43.6	50.2	56.7	62.8	67.8	73.4	80.2
-47.5°	24.1	26.3	27.7	33.8	40.4	47.0	53.3	57.8	61.0	65.6	70.6
-50°	20.2	22.2	24.7	30.4	36.6	43.2	49.5	52.7	55.6	58.4	62.1
-52.5°	17.0	18.6	22.0	26.7	32.5	38.6	44.1	47.9	50.5	52.7	55.8
-55°	13.9	15.8	19.4	23.3	28.0	33.7	37.9	41.8	45.9	47.9	50.8
-57.5°	11.5	13.5	16.8	20.1	24.0	28.3	32.0	34.8	38.1	42.0	46.3
-60°	9.6	11.6	14.5	17.4	20.1	23.9	26.9	29.6	31.8	34.0	39.1
-62.5°	7.8	10.0	12.6	15.1	17.6	20.2	23.6	26.0	27.4	29.5	32.5
-65°	7.0	8.6	10.8	13.2	15.5	17.6	20.4	23.6	26.0	26.3	26.9
-67.5°	6.1	7.2	9.0	11.3	13.3	14.6	16.7	19.2	22.0	23.2	23.8
-70°	4.5	5.7	6.9	8.7	10.4	11.0	12.1	13.8	16.1	17.6	18.6
-72.5°	2.8	3.8	4.8	5.8	6.9	7.5	7.9	8.0	9.3	11.3	12.9
-75°	2.0	2.0	2.8	3.6	4.2	4.6	4.7	5.0	5.8	7.0	8.1
-77.5°	2.0	2.0	2.0	2.0	2.1	2.6	2.9	3.1	3.5	4.3	5.1
-80°	1.9	2.0	2.0	2.0	1.8	1.6	1.6	1.7	1.9	2.2	2.6
-82.5°	1.7	1.5	1.4	1.4	1.3	1.0	0.6	0.3	0.4	0.6	0.8
-85°	1.4	1.0	0.6	0.3	0.3	0.3	0.2	0.0	0.0	0.0	0.0
-87.5°	0.7	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-TSB-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.9	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.9
80°	3.0	3.3	3.4	3.3	3.2	3.6	4.2	4.7	5.3	5.5	5.7
77.5°	6.1	6.3	6.3	6.2	6.1	7.0	8.2	9.4	10.7	11.5	12.2
75°	9.2	9.7	9.9	9.9	9.8	11.1	13.2	15.4	17.7	18.9	19.9
72.5°	14.1	14.5	14.4	14.3	14.1	16.5	21.1	26.3	31.9	34.4	35.6
70°	19.2	19.5	19.6	19.6	19.6	22.8	30.4	38.7	47.5	53.5	58.1
67.5°	24.0	24.6	24.8	24.9	25.3	28.2	35.9	42.7	48.5	63.4	89.0
65°	28.5	31.6	32.9	33.4	33.3	33.7	39.0	43.5	47.3	58.1	75.8
62.5°	36.3	40.3	41.2	41.0	40.6	40.1	43.9	47.3	50.2	55.9	66.7
60°	43.3	46.7	48.2	48.2	48.1	47.7	50.2	53.2	56.2	60.7	71.1
57.5°	49.4	52.6	55.3	55.5	55.5	55.3	57.3	61.0	64.4	68.4	79.8
55°	54.5	58.4	62.2	63.2	63.9	64.4	66.2	71.1	75.9	80.5	92.8
52.5°	60.1	65.2	69.8	72.4	74.6	76.4	78.4	85.3	92.1	98.6	110.4
50°	68.0	73.7	79.7	84.6	88.3	92.2	95.9	104.2	114.1	123.9	135.7
47.5°	77.2	83.9	91.8	99.3	105.4	112.7	118.8	127.6	137.0	146.5	155.9
45°	87.8	97.4	107.0	118.9	128.9	132.4	135.4	140.9	151.2	162.5	173.1
42.5°	101.7	114.0	127.3	135.3	140.6	143.9	146.2	148.2	160.7	171.7	180.6
40°	118.7	131.2	138.6	144.7	149.3	152.7	155.4	158.6	167.1	178.5	190.5
37.5°	133.3	140.8	147.1	152.3	156.8	160.0	164.8	169.4	176.5	192.1	203.3
35°	141.7	148.2	154.3	160.2	166.0	171.4	178.4	190.0	200.2	195.5	186.3
32.5°	148.2	154.7	161.8	173.2	182.0	191.2	203.4	186.7	170.3	162.5	161.5
30°	154.0	160.4	171.7	188.4	199.8	195.1	172.3	160.3	156.7	157.7	166.9
27.5°	158.4	166.4	180.7	199.8	190.6	165.7	157.6	154.0	165.9	176.7	194.1
25°	164.0	172.6	194.1	188.8	165.6	158.1	160.5	171.4	194.2	229.3	267.1
22.5°	170.4	187.8	193.5	165.3	158.1	163.5	177.4	212.0	262.2	310.0	344.0
20°	178.7	202.9	176.0	160.5	162.9	179.5	220.9	281.9	329.9	365.8	400.2
17.5°	194.2	191.2	167.9	160.6	176.6	215.8	284.1	339.0	382.6	430.3	475.3
15°	206.6	180.4	165.3	173.0	200.7	267.6	333.4	385.5	446.7	512.1	587.9
12.5°	202.7	174.9	166.7	185.2	234.7	313.3	372.3	440.0	520.1	619.0	745.5
10°	196.8	174.2	177.3	203.6	269.8	345.3	408.0	491.7	602.9	760.7	1006.7
7.5°	192.8	171.8	183.0	220.2	297.8	369.1	446.7	549.5	692.1	943.5	1396.7
5°	189.3	168.6	183.4	230.7	317.3	385.9	475.6	594.2	786.0	1155.0	1856.1
2.5°	187.8	165.5	181.5	239.8	330.1	394.3	490.3	628.3	857.7	1333.4	2387.1
0°	188.8	163.2	177.0	237.0	326.4	397.2	497.5	637.1	867.1	1407.9	2556.2
-2.5°	187.8	165.5	181.5	239.8	330.1	394.3	490.3	628.3	857.7	1333.4	2387.1
-5°	189.3	168.6	183.4	230.7	317.3	385.9	475.6	594.2	786.0	1155.0	1856.1
-7.5°	192.8	171.8	183.0	220.2	297.8	369.1	446.7	549.5	692.1	943.5	1396.7
-10°	196.8	174.2	177.3	203.6	269.8	345.3	408.0	491.7	602.9	760.7	1006.7
-12.5°	202.7	174.9	166.7	185.2	234.7	313.3	372.3	440.0	520.1	619.0	745.5
-15°	206.6	180.4	165.3	173.0	200.7	267.6	333.4	385.5	446.7	512.1	587.9
-17.5°	194.2	191.2	167.9	160.6	176.6	215.8	284.1	339.0	382.6	430.3	475.3
-20°	178.7	202.9	176.0	160.5	162.9	179.5	220.9	281.9	329.9	365.8	400.2



REPORT NUMBER: P561409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-TSB-BK

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	170.4	187.8	193.5	165.3	158.1	163.5	177.4	212.0	262.2	310.0	344.0
-25°	164.0	172.6	194.1	188.8	165.6	158.1	160.5	171.4	194.2	229.3	267.1
-27.5°	158.4	166.4	180.7	199.8	190.6	165.7	157.6	154.0	165.9	176.7	194.1
-30°	154.0	160.4	171.7	188.4	199.8	195.1	172.3	160.3	156.7	157.7	166.9
-32.5°	148.2	154.7	161.8	173.2	182.0	191.2	203.4	186.7	170.3	162.5	161.5
-35°	141.7	148.2	154.3	160.2	166.0	171.4	178.4	190.0	200.2	195.5	186.3
-37.5°	133.3	140.8	147.1	152.3	156.8	160.0	164.8	169.4	176.5	192.1	203.3
-40°	118.7	131.2	138.6	144.7	149.3	152.7	155.4	158.6	167.1	178.5	190.5
-42.5°	101.7	114.0	127.3	135.3	140.6	143.9	146.2	148.2	160.7	171.7	180.6
-45°	87.8	97.4	107.0	118.9	128.9	132.4	135.4	140.9	151.2	162.5	173.1
-47.5°	77.2	83.9	91.8	99.3	105.4	112.7	118.8	127.6	137.0	146.5	155.9
-50°	68.0	73.7	79.7	84.6	88.3	92.2	95.9	104.2	114.1	123.9	135.7
-52.5°	60.1	65.2	69.8	72.4	74.6	76.4	78.4	85.3	92.1	98.6	110.4
-55°	54.5	58.4	62.2	63.2	63.9	64.4	66.2	71.1	75.9	80.5	92.8
-57.5°	49.4	52.6	55.3	55.5	55.5	55.3	57.3	61.0	64.4	68.4	79.8
-60°	43.3	46.7	48.2	48.2	48.1	47.7	50.2	53.2	56.2	60.7	71.1
-62.5°	36.3	40.3	41.2	41.0	40.6	40.1	43.9	47.3	50.2	55.9	66.7
-65°	28.5	31.6	32.9	33.4	33.3	33.7	39.0	43.5	47.3	58.1	75.8
-67.5°	24.0	24.6	24.8	24.9	25.3	28.2	35.9	42.7	48.5	63.4	89.0
-70°	19.2	19.5	19.6	19.6	19.6	22.8	30.4	38.7	47.5	53.5	58.1
-72.5°	14.1	14.5	14.4	14.3	14.1	16.5	21.1	26.3	31.9	34.4	35.6
-75°	9.2	9.7	9.9	9.9	9.8	11.1	13.2	15.4	17.7	18.9	19.9
-77.5°	6.1	6.3	6.3	6.2	6.1	7.0	8.2	9.4	10.7	11.5	12.2
-80°	3.0	3.3	3.4	3.3	3.2	3.6	4.2	4.7	5.3	5.5	5.7
-82.5°	0.9	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.9
-85°	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-TSB-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.9	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.7
80°	5.8	5.8	5.9	5.9	5.9	5.8	5.8	5.7	5.5	5.3	4.7
77.5°	12.9	13.6	12.8	11.8	12.8	13.6	12.9	12.2	11.5	10.7	9.4
75°	20.7	21.4	20.6	19.7	20.6	21.4	20.7	19.9	18.9	17.7	15.4
72.5°	36.4	37.0	36.3	35.4	36.3	37.0	36.4	35.6	34.4	31.9	26.3
70°	62.8	67.4	65.8	62.9	65.8	67.4	62.8	58.1	53.5	47.5	38.7
67.5°	117.6	148.0	151.8	149.4	151.8	148.0	117.6	89.0	63.4	48.5	42.7
65°	91.8	106.9	112.9	118.0	112.9	106.9	91.8	75.8	58.1	47.3	43.5
62.5°	76.3	85.3	86.8	86.5	86.8	85.3	76.3	66.7	55.9	50.2	47.3
60°	81.3	91.4	91.8	88.5	91.8	91.4	81.3	71.1	60.7	56.2	53.2
57.5°	91.1	102.3	104.4	102.2	104.4	102.3	91.1	79.8	68.4	64.4	61.0
55°	105.1	117.1	120.9	119.9	120.9	117.1	105.1	92.8	80.5	75.9	71.1
52.5°	122.8	134.3	137.9	135.7	137.9	134.3	122.8	110.4	98.6	92.1	85.3
50°	147.5	157.8	162.1	161.2	162.1	157.8	147.5	135.7	123.9	114.1	104.2
47.5°	164.1	171.2	174.8	175.0	174.8	171.2	164.1	155.9	146.5	137.0	127.6
45°	178.6	182.6	184.0	182.9	184.0	182.6	178.6	173.1	162.5	151.2	140.9
42.5°	185.9	192.0	195.8	194.7	195.8	192.0	185.9	180.6	171.7	160.7	148.2
40°	199.9	208.1	216.8	228.1	216.8	208.1	199.9	190.5	178.5	167.1	158.6
37.5°	213.0	223.3	237.1	263.5	237.1	223.3	213.0	203.3	192.1	176.5	169.4
35°	179.9	175.8	173.1	171.1	173.1	175.8	179.9	186.3	195.5	200.2	190.0
32.5°	160.8	157.6	154.0	153.4	154.0	157.6	160.8	161.5	162.5	170.3	186.7
30°	174.7	173.0	168.5	167.1	168.5	173.0	174.7	166.9	157.7	156.7	160.3
27.5°	212.0	221.2	229.0	228.1	229.0	221.2	212.0	194.1	176.7	165.9	154.0
25°	298.0	313.4	321.3	324.4	321.3	313.4	298.0	267.1	229.3	194.2	171.4
22.5°	361.5	373.0	380.6	381.5	380.6	373.0	361.5	344.0	310.0	262.2	212.0
20°	430.0	449.6	460.5	466.0	460.5	449.6	430.0	400.2	365.8	329.9	281.9
17.5°	523.8	561.5	585.1	590.9	585.1	561.5	523.8	475.3	430.3	382.6	339.0
15°	666.4	741.6	792.4	818.0	792.4	741.6	666.4	587.9	512.1	446.7	385.5
12.5°	917.5	1092.8	1223.6	1245.7	1223.6	1092.8	917.5	745.5	619.0	520.1	440.0
10°	1354.6	1757.4	2123.2	2174.7	2123.2	1757.4	1354.6	1006.7	760.7	602.9	491.7
7.5°	2149.4	3401.0	4967.7	5589.3	4967.7	3401.0	2149.4	1396.7	943.5	692.1	549.5
5°	3590.8	9139.5	23620.4	28442.6	23620.4	9139.5	3590.8	1856.1	1155.0	786.0	594.2
2.5°	5616.2	30247.6	96315.8	122008.4	96315.8	30247.6	5616.2	2387.1	1333.4	857.7	628.3
0°	7025.6	40000.6	130582.5	160944.2	130582.5	40000.6	7025.6	2556.2	1407.9	867.1	637.1
-2.5°	5616.2	30247.6	96315.8	122008.4	96315.8	30247.6	5616.2	2387.1	1333.4	857.7	628.3
-5°	3590.8	9139.5	23620.4	28442.6	23620.4	9139.5	3590.8	1856.1	1155.0	786.0	594.2
-7.5°	2149.4	3401.0	4967.7	5589.3	4967.7	3401.0	2149.4	1396.7	943.5	692.1	549.5
-10°	1354.6	1757.4	2123.2	2174.7	2123.2	1757.4	1354.6	1006.7	760.7	602.9	491.7
-12.5°	917.5	1092.8	1223.6	1245.7	1223.6	1092.8	917.5	745.5	619.0	520.1	440.0
-15°	666.4	741.6	792.4	818.0	792.4	741.6	666.4	587.9	512.1	446.7	385.5
-17.5°	523.8	561.5	585.1	590.9	585.1	561.5	523.8	475.3	430.3	382.6	339.0
-20°	430.0	449.6	460.5	466.0	460.5	449.6	430.0	400.2	365.8	329.9	281.9



REPORT NUMBER: P561409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-TSB-BK

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	361.5	373.0	380.6	381.5	380.6	373.0	361.5	344.0	310.0	262.2	212.0
-25°	298.0	313.4	321.3	324.4	321.3	313.4	298.0	267.1	229.3	194.2	171.4
-27.5°	212.0	221.2	229.0	228.1	229.0	221.2	212.0	194.1	176.7	165.9	154.0
-30°	174.7	173.0	168.5	167.1	168.5	173.0	174.7	166.9	157.7	156.7	160.3
-32.5°	160.8	157.6	154.0	153.4	154.0	157.6	160.8	161.5	162.5	170.3	186.7
-35°	179.9	175.8	173.1	171.1	173.1	175.8	179.9	186.3	195.5	200.2	190.0
-37.5°	213.0	223.3	237.1	263.5	237.1	223.3	213.0	203.3	192.1	176.5	169.4
-40°	199.9	208.1	216.8	228.1	216.8	208.1	199.9	190.5	178.5	167.1	158.6
-42.5°	185.9	192.0	195.8	194.7	195.8	192.0	185.9	180.6	171.7	160.7	148.2
-45°	178.6	182.6	184.0	182.9	184.0	182.6	178.6	173.1	162.5	151.2	140.9
-47.5°	164.1	171.2	174.8	175.0	174.8	171.2	164.1	155.9	146.5	137.0	127.6
-50°	147.5	157.8	162.1	161.2	162.1	157.8	147.5	135.7	123.9	114.1	104.2
-52.5°	122.8	134.3	137.9	135.7	137.9	134.3	122.8	110.4	98.6	92.1	85.3
-55°	105.1	117.1	120.9	119.9	120.9	117.1	105.1	92.8	80.5	75.9	71.1
-57.5°	91.1	102.3	104.4	102.2	104.4	102.3	91.1	79.8	68.4	64.4	61.0
-60°	81.3	91.4	91.8	88.5	91.8	91.4	81.3	71.1	60.7	56.2	53.2
-62.5°	76.3	85.3	86.8	86.5	86.8	85.3	76.3	66.7	55.9	50.2	47.3
-65°	91.8	106.9	112.9	118.0	112.9	106.9	91.8	75.8	58.1	47.3	43.5
-67.5°	117.6	148.0	151.8	149.4	151.8	148.0	117.6	89.0	63.4	48.5	42.7
-70°	62.8	67.4	65.8	62.9	65.8	67.4	62.8	58.1	53.5	47.5	38.7
-72.5°	36.4	37.0	36.3	35.4	36.3	37.0	36.4	35.6	34.4	31.9	26.3
-75°	20.7	21.4	20.6	19.7	20.6	21.4	20.7	19.9	18.9	17.7	15.4
-77.5°	12.9	13.6	12.8	11.8	12.8	13.6	12.9	12.2	11.5	10.7	9.4
-80°	5.8	5.8	5.9	5.9	5.9	5.8	5.8	5.7	5.5	5.3	4.7
-82.5°	1.9	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.7
-85°	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-TSB-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.6	1.5	1.4	1.3	1.2	1.1	0.9	0.8	0.6	0.4	0.3
80°	4.2	3.6	3.2	3.3	3.4	3.3	3.0	2.6	2.2	1.9	1.7
77.5°	8.2	7.0	6.1	6.2	6.3	6.3	6.1	5.1	4.3	3.5	3.1
75°	13.2	11.1	9.8	9.9	9.9	9.7	9.2	8.1	7.0	5.8	5.0
72.5°	21.1	16.5	14.1	14.3	14.4	14.5	14.1	12.9	11.3	9.3	8.0
70°	30.4	22.8	19.6	19.6	19.6	19.5	19.2	18.6	17.6	16.1	13.8
67.5°	35.9	28.2	25.3	24.9	24.8	24.6	24.0	23.8	23.2	22.0	19.2
65°	39.0	33.7	33.3	33.4	32.9	31.6	28.5	26.9	26.3	26.0	23.6
62.5°	43.9	40.1	40.6	41.0	41.2	40.3	36.3	32.5	29.5	27.4	26.0
60°	50.2	47.7	48.1	48.2	48.2	46.7	43.3	39.1	34.0	31.8	29.6
57.5°	57.3	55.3	55.5	55.5	55.3	52.6	49.4	46.3	42.0	38.1	34.8
55°	66.2	64.4	63.9	63.2	62.2	58.4	54.5	50.8	47.9	45.9	41.8
52.5°	78.4	76.4	74.6	72.4	69.8	65.2	60.1	55.8	52.7	50.5	47.9
50°	95.9	92.2	88.3	84.6	79.7	73.7	68.0	62.1	58.4	55.6	52.7
47.5°	118.8	112.7	105.4	99.3	91.8	83.9	77.2	70.6	65.6	61.0	57.8
45°	135.4	132.4	128.9	118.9	107.0	97.4	87.8	80.2	73.4	67.8	62.8
42.5°	146.2	143.9	140.6	135.3	127.3	114.0	101.7	91.6	82.4	74.9	67.8
40°	155.4	152.7	149.3	144.7	138.6	131.2	118.7	104.6	93.4	83.1	72.6
37.5°	164.8	160.0	156.8	152.3	147.1	140.8	133.3	120.9	105.4	91.7	78.8
35°	178.4	171.4	166.0	160.2	154.3	148.2	141.7	133.9	119.7	101.1	85.6
32.5°	203.4	191.2	182.0	173.2	161.8	154.7	148.2	141.1	131.6	112.6	93.9
30°	172.3	195.1	199.8	188.4	171.7	160.4	154.0	146.5	137.6	124.5	102.4
27.5°	157.6	165.7	190.6	199.8	180.7	166.4	158.4	150.8	143.4	131.9	113.3
25°	160.5	158.1	165.6	188.8	194.1	172.6	164.0	155.4	146.7	138.4	126.3
22.5°	177.4	163.5	158.1	165.3	193.5	187.8	170.4	161.0	151.1	147.6	135.8
20°	220.9	179.5	162.9	160.5	176.0	202.9	178.7	168.8	162.6	156.7	145.4
17.5°	284.1	215.8	176.6	160.6	167.9	191.2	194.2	180.3	172.4	167.5	155.4
15°	333.4	267.6	200.7	173.0	165.3	180.4	206.6	192.7	181.7	177.7	164.7
12.5°	372.3	313.3	234.7	185.2	166.7	174.9	202.7	203.9	192.0	183.1	172.3
10°	408.0	345.3	269.8	203.6	177.3	174.2	196.8	212.4	200.6	187.5	178.3
7.5°	446.7	369.1	297.8	220.2	183.0	171.8	192.8	220.9	208.7	192.2	182.8
5°	475.6	385.9	317.3	230.7	183.4	168.6	189.3	229.3	216.4	196.9	186.1
2.5°	490.3	394.3	330.1	239.8	181.5	165.5	187.8	245.8	227.4	199.2	185.6
0°	497.5	397.2	326.4	237.0	177.0	163.2	188.8	269.4	239.9	200.6	184.8
-2.5°	490.3	394.3	330.1	239.8	181.5	165.5	187.8	245.8	227.4	199.2	185.6
-5°	475.6	385.9	317.3	230.7	183.4	168.6	189.3	229.3	216.4	196.9	186.1
-7.5°	446.7	369.1	297.8	220.2	183.0	171.8	192.8	220.9	208.7	192.2	182.8
-10°	408.0	345.3	269.8	203.6	177.3	174.2	196.8	212.4	200.6	187.5	178.3
-12.5°	372.3	313.3	234.7	185.2	166.7	174.9	202.7	203.9	192.0	183.1	172.3
-15°	333.4	267.6	200.7	173.0	165.3	180.4	206.6	192.7	181.7	177.7	164.7
-17.5°	284.1	215.8	176.6	160.6	167.9	191.2	194.2	180.3	172.4	167.5	155.4
-20°	220.9	179.5	162.9	160.5	176.0	202.9	178.7	168.8	162.6	156.7	145.4



REPORT NUMBER: P561409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-TSB-BK

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	177.4	163.5	158.1	165.3	193.5	187.8	170.4	161.0	151.1	147.6	135.8
-25°	160.5	158.1	165.6	188.8	194.1	172.6	164.0	155.4	146.7	138.4	126.3
-27.5°	157.6	165.7	190.6	199.8	180.7	166.4	158.4	150.8	143.4	131.9	113.3
-30°	172.3	195.1	199.8	188.4	171.7	160.4	154.0	146.5	137.6	124.5	102.4
-32.5°	203.4	191.2	182.0	173.2	161.8	154.7	148.2	141.1	131.6	112.6	93.9
-35°	178.4	171.4	166.0	160.2	154.3	148.2	141.7	133.9	119.7	101.1	85.6
-37.5°	164.8	160.0	156.8	152.3	147.1	140.8	133.3	120.9	105.4	91.7	78.8
-40°	155.4	152.7	149.3	144.7	138.6	131.2	118.7	104.6	93.4	83.1	72.6
-42.5°	146.2	143.9	140.6	135.3	127.3	114.0	101.7	91.6	82.4	74.9	67.8
-45°	135.4	132.4	128.9	118.9	107.0	97.4	87.8	80.2	73.4	67.8	62.8
-47.5°	118.8	112.7	105.4	99.3	91.8	83.9	77.2	70.6	65.6	61.0	57.8
-50°	95.9	92.2	88.3	84.6	79.7	73.7	68.0	62.1	58.4	55.6	52.7
-52.5°	78.4	76.4	74.6	72.4	69.8	65.2	60.1	55.8	52.7	50.5	47.9
-55°	66.2	64.4	63.9	63.2	62.2	58.4	54.5	50.8	47.9	45.9	41.8
-57.5°	57.3	55.3	55.5	55.5	55.3	52.6	49.4	46.3	42.0	38.1	34.8
-60°	50.2	47.7	48.1	48.2	48.2	46.7	43.3	39.1	34.0	31.8	29.6
-62.5°	43.9	40.1	40.6	41.0	41.2	40.3	36.3	32.5	29.5	27.4	26.0
-65°	39.0	33.7	33.3	33.4	32.9	31.6	28.5	26.9	26.3	26.0	23.6
-67.5°	35.9	28.2	25.3	24.9	24.8	24.6	24.0	23.8	23.2	22.0	19.2
-70°	30.4	22.8	19.6	19.6	19.6	19.5	19.2	18.6	17.6	16.1	13.8
-72.5°	21.1	16.5	14.1	14.3	14.4	14.5	14.1	12.9	11.3	9.3	8.0
-75°	13.2	11.1	9.8	9.9	9.9	9.7	9.2	8.1	7.0	5.8	5.0
-77.5°	8.2	7.0	6.1	6.2	6.3	6.3	6.1	5.1	4.3	3.5	3.1
-80°	4.2	3.6	3.2	3.3	3.4	3.3	3.0	2.6	2.2	1.9	1.7
-82.5°	1.6	1.5	1.4	1.3	1.2	1.1	0.9	0.8	0.6	0.4	0.3
-85°	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-TSB-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°	0.0	0.0	0.0	0.0	0.3	0.5	0.7	0.8	0.8	0.7	0.6
85°	0.2	0.3	0.3	0.3	0.6	1.0	1.4	1.7	1.5	1.4	1.2
82.5°	0.6	1.0	1.3	1.4	1.4	1.5	1.7	2.0	2.0	2.0	1.8
80°	1.6	1.6	1.8	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0
77.5°	2.9	2.6	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
75°	4.7	4.6	4.2	3.6	2.8	2.0	2.0	2.1	2.2	2.0	2.0
72.5°	7.9	7.5	6.9	5.8	4.8	3.8	2.8	2.2	2.4	2.4	2.1
70°	12.1	11.0	10.4	8.7	6.9	5.7	4.5	3.4	2.7	2.8	2.6
67.5°	16.7	14.6	13.3	11.3	9.0	7.2	6.1	4.9	3.9	3.2	3.1
65°	20.4	17.6	15.5	13.2	10.8	8.6	7.0	6.2	5.1	4.1	3.6
62.5°	23.6	20.2	17.6	15.1	12.6	10.0	7.8	7.4	6.2	5.0	4.2
60°	26.9	23.9	20.1	17.4	14.5	11.6	9.6	8.7	7.6	5.7	4.8
57.5°	32.0	28.3	24.0	20.1	16.8	13.5	11.5	10.4	9.1	7.1	5.4
55°	37.9	33.7	28.0	23.3	19.4	15.8	13.9	12.4	10.7	8.7	5.9
52.5°	44.1	38.6	32.5	26.7	22.0	18.6	17.0	14.4	12.6	10.3	7.5
50°	49.5	43.2	36.6	30.4	24.7	22.2	20.2	17.4	14.5	12.0	9.1
47.5°	53.3	47.0	40.4	33.8	27.7	26.3	24.1	20.6	16.5	13.8	10.9
45°	56.7	50.2	43.6	36.9	32.0	30.5	28.4	23.9	19.5	15.8	12.6
42.5°	60.0	53.3	46.5	39.6	36.2	34.3	33.2	28.2	22.6	17.9	14.4
40°	64.0	56.1	49.1	43.3	40.1	37.9	36.6	32.8	25.8	20.3	16.3
37.5°	67.8	59.3	51.6	47.1	43.7	41.2	39.7	37.6	29.7	23.4	18.2
35°	73.1	62.6	55.6	50.7	46.8	44.2	42.5	41.8	34.3	26.5	20.1
32.5°	78.2	67.2	60.1	54.3	49.6	46.9	45.1	45.5	39.0	29.6	22.0
30°	85.4	74.0	64.6	57.8	52.3	49.3	48.9	50.5	43.7	32.7	24.1
27.5°	95.0	81.0	69.3	61.6	55.3	51.6	54.8	56.8	48.5	36.1	26.6
25°	104.9	89.0	75.6	65.3	58.2	57.3	60.6	64.2	53.5	40.0	29.1
22.5°	116.2	97.0	81.8	68.8	64.9	62.6	66.2	69.6	59.2	43.9	31.6
20°	126.8	104.4	88.7	77.3	71.9	68.9	71.4	75.0	65.5	47.6	33.9
17.5°	136.4	114.1	99.0	86.8	79.2	75.0	76.4	80.3	72.2	51.2	36.2
15°	147.1	126.3	108.8	95.7	86.4	81.0	81.2	85.6	79.2	54.7	37.9
12.5°	156.9	137.5	118.0	104.1	93.6	86.9	85.9	90.9	86.4	57.1	38.9
10°	165.4	147.9	126.6	111.9	100.7	92.5	90.6	94.3	89.3	58.5	39.7
7.5°	172.6	157.3	134.7	119.3	106.5	95.4	90.9	93.8	91.0	59.6	40.4
5°	177.5	162.7	138.9	121.0	106.8	95.2	90.6	93.3	92.1	60.4	40.9
2.5°	176.5	162.5	140.5	121.7	106.6	94.9	90.5	92.9	92.5	60.8	41.2
0°	175.0	161.2	141.6	121.9	106.2	94.4	90.5	92.4	92.4	61.0	41.3
-2.5°	176.5	162.5	140.5	121.7	106.6	94.9	90.5	92.9	92.5	60.8	41.2
-5°	177.5	162.7	138.9	121.0	106.8	95.2	90.6	93.3	92.1	60.4	40.9
-7.5°	172.6	157.3	134.7	119.3	106.5	95.4	90.9	93.8	91.0	59.6	40.4
-10°	165.4	147.9	126.6	111.9	100.7	92.5	90.6	94.3	89.3	58.5	39.7
-12.5°	156.9	137.5	118.0	104.1	93.6	86.9	85.9	90.9	86.4	57.1	38.9
-15°	147.1	126.3	108.8	95.7	86.4	81.0	81.2	85.6	79.2	54.7	37.9
-17.5°	136.4	114.1	99.0	86.8	79.2	75.0	76.4	80.3	72.2	51.2	36.2
-20°	126.8	104.4	88.7	77.3	71.9	68.9	71.4	75.0	65.5	47.6	33.9



REPORT NUMBER: P561409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-TSB-BK

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	116.2	97.0	81.8	68.8	64.9	62.6	66.2	69.6	59.2	43.9	31.6
-25°	104.9	89.0	75.6	65.3	58.2	57.3	60.6	64.2	53.5	40.0	29.1
-27.5°	95.0	81.0	69.3	61.6	55.3	51.6	54.8	56.8	48.5	36.1	26.6
-30°	85.4	74.0	64.6	57.8	52.3	49.3	48.9	50.5	43.7	32.7	24.1
-32.5°	78.2	67.2	60.1	54.3	49.6	46.9	45.1	45.5	39.0	29.6	22.0
-35°	73.1	62.6	55.6	50.7	46.8	44.2	42.5	41.8	34.3	26.5	20.1
-37.5°	67.8	59.3	51.6	47.1	43.7	41.2	39.7	37.6	29.7	23.4	18.2
-40°	64.0	56.1	49.1	43.3	40.1	37.9	36.6	32.8	25.8	20.3	16.3
-42.5°	60.0	53.3	46.5	39.6	36.2	34.3	33.2	28.2	22.6	17.9	14.4
-45°	56.7	50.2	43.6	36.9	32.0	30.5	28.4	23.9	19.5	15.8	12.6
-47.5°	53.3	47.0	40.4	33.8	27.7	26.3	24.1	20.6	16.5	13.8	10.9
-50°	49.5	43.2	36.6	30.4	24.7	22.2	20.2	17.4	14.5	12.0	9.1
-52.5°	44.1	38.6	32.5	26.7	22.0	18.6	17.0	14.4	12.6	10.3	7.5
-55°	37.9	33.7	28.0	23.3	19.4	15.8	13.9	12.4	10.7	8.7	5.9
-57.5°	32.0	28.3	24.0	20.1	16.8	13.5	11.5	10.4	9.1	7.1	5.4
-60°	26.9	23.9	20.1	17.4	14.5	11.6	9.6	8.7	7.6	5.7	4.8
-62.5°	23.6	20.2	17.6	15.1	12.6	10.0	7.8	7.4	6.2	5.0	4.2
-65°	20.4	17.6	15.5	13.2	10.8	8.6	7.0	6.2	5.1	4.1	3.6
-67.5°	16.7	14.6	13.3	11.3	9.0	7.2	6.1	4.9	3.9	3.2	3.1
-70°	12.1	11.0	10.4	8.7	6.9	5.7	4.5	3.4	2.7	2.8	2.6
-72.5°	7.9	7.5	6.9	5.8	4.8	3.8	2.8	2.2	2.4	2.4	2.1
-75°	4.7	4.6	4.2	3.6	2.8	2.0	2.0	2.1	2.2	2.0	2.0
-77.5°	2.9	2.6	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-80°	1.6	1.6	1.8	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0
-82.5°	0.6	1.0	1.3	1.4	1.4	1.5	1.7	2.0	2.0	2.0	1.8
-85°	0.2	0.3	0.3	0.3	0.6	1.0	1.4	1.7	1.5	1.4	1.2
-87.5°	0.0	0.0	0.0	0.0	0.3	0.5	0.7	0.8	0.8	0.7	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA6B-AMB-U-TSB-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°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
82.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
80°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
77.5°	2.0	2.0	1.7	1.3	0.9	0.4	0.0
75°	2.0	2.0	2.0	1.5	1.0	0.5	0.0
72.5°	2.0	2.0	2.0	1.8	1.2	0.6	0.0
70°	2.1	2.0	2.0	2.0	1.4	0.7	0.0
67.5°	2.5	2.0	2.0	2.0	1.5	0.8	0.0
65°	3.0	2.2	2.0	2.0	1.7	0.8	0.0
62.5°	3.4	2.6	2.0	2.0	1.8	0.9	0.0
60°	3.9	2.9	2.0	2.0	2.0	1.0	0.0
57.5°	4.4	3.3	2.3	2.0	2.0	1.1	0.0
55°	4.9	3.6	2.5	2.0	2.0	1.1	0.0
52.5°	5.5	4.0	2.8	2.0	2.0	1.2	0.0
50°	6.1	4.5	3.1	2.0	2.0	1.3	0.0
47.5°	6.9	5.0	3.3	2.0	2.0	1.4	0.0
45°	8.4	5.6	3.6	2.2	2.0	1.4	0.0
42.5°	9.9	6.1	3.8	2.4	2.0	1.5	0.0
40°	11.5	6.7	4.1	2.6	2.0	1.5	0.0
37.5°	13.1	7.2	4.5	2.7	2.0	1.6	0.0
35°	14.6	8.2	4.9	2.9	2.0	1.6	0.0
32.5°	16.2	9.4	5.3	3.0	2.0	1.7	0.0
30°	17.7	10.6	5.7	3.1	2.0	1.7	0.0
27.5°	19.3	11.8	6.0	3.3	2.0	1.8	0.0
25°	20.8	12.9	6.2	3.4	2.0	1.8	0.0
22.5°	22.2	13.8	6.4	3.5	2.0	1.8	0.0
20°	23.7	14.1	6.5	3.6	2.0	1.9	0.0
17.5°	24.5	14.2	6.5	3.6	2.0	1.9	0.0
15°	24.9	14.2	6.5	3.7	2.0	1.9	0.0
12.5°	25.2	14.1	6.5	3.8	2.0	2.0	0.0
10°	25.5	13.8	6.4	3.8	2.0	2.0	0.0
7.5°	25.7	13.4	6.3	3.9	2.0	2.0	0.0
5°	25.8	13.0	6.2	3.9	2.0	2.0	0.0
2.5°	25.8	12.4	6.1	3.9	2.0	2.0	0.0
0°	25.6	11.8	5.9	3.9	2.0	2.0	0.0
-2.5°	25.8	12.4	6.1	3.9	2.0	2.0	0.0
-5°	25.8	13.0	6.2	3.9	2.0	2.0	0.0
-7.5°	25.7	13.4	6.3	3.9	2.0	2.0	0.0
-10°	25.5	13.8	6.4	3.8	2.0	2.0	0.0
-12.5°	25.2	14.1	6.5	3.8	2.0	2.0	0.0
-15°	24.9	14.2	6.5	3.7	2.0	1.9	0.0
-17.5°	24.5	14.2	6.5	3.6	2.0	1.9	0.0
-20°	23.7	14.1	6.5	3.6	2.0	1.9	0.0



REPORT NUMBER: P561409 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22.2	13.8	6.4	3.5	2.0	1.8	0.0
-25°	20.8	12.9	6.2	3.4	2.0	1.8	0.0
-27.5°	19.3	11.8	6.0	3.3	2.0	1.8	0.0
-30°	17.7	10.6	5.7	3.1	2.0	1.7	0.0
-32.5°	16.2	9.4	5.3	3.0	2.0	1.7	0.0
-35°	14.6	8.2	4.9	2.9	2.0	1.6	0.0
-37.5°	13.1	7.2	4.5	2.7	2.0	1.6	0.0
-40°	11.5	6.7	4.1	2.6	2.0	1.5	0.0
-42.5°	9.9	6.1	3.8	2.4	2.0	1.5	0.0
-45°	8.4	5.6	3.6	2.2	2.0	1.4	0.0
-47.5°	6.9	5.0	3.3	2.0	2.0	1.4	0.0
-50°	6.1	4.5	3.1	2.0	2.0	1.3	0.0
-52.5°	5.5	4.0	2.8	2.0	2.0	1.2	0.0
-55°	4.9	3.6	2.5	2.0	2.0	1.1	0.0
-57.5°	4.4	3.3	2.3	2.0	2.0	1.1	0.0
-60°	3.9	2.9	2.0	2.0	2.0	1.0	0.0
-62.5°	3.4	2.6	2.0	2.0	1.8	0.9	0.0
-65°	3.0	2.2	2.0	2.0	1.7	0.8	0.0
-67.5°	2.5	2.0	2.0	2.0	1.5	0.8	0.0
-70°	2.1	2.0	2.0	2.0	1.4	0.7	0.0
-72.5°	2.0	2.0	2.0	1.8	1.2	0.6	0.0
-75°	2.0	2.0	2.0	1.5	1.0	0.5	0.0
-77.5°	2.0	2.0	1.7	1.3	0.9	0.4	0.0
-80°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
-82.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
-85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
-87.5°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)