

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: P558611 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-935-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558611 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1E-935-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (16) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

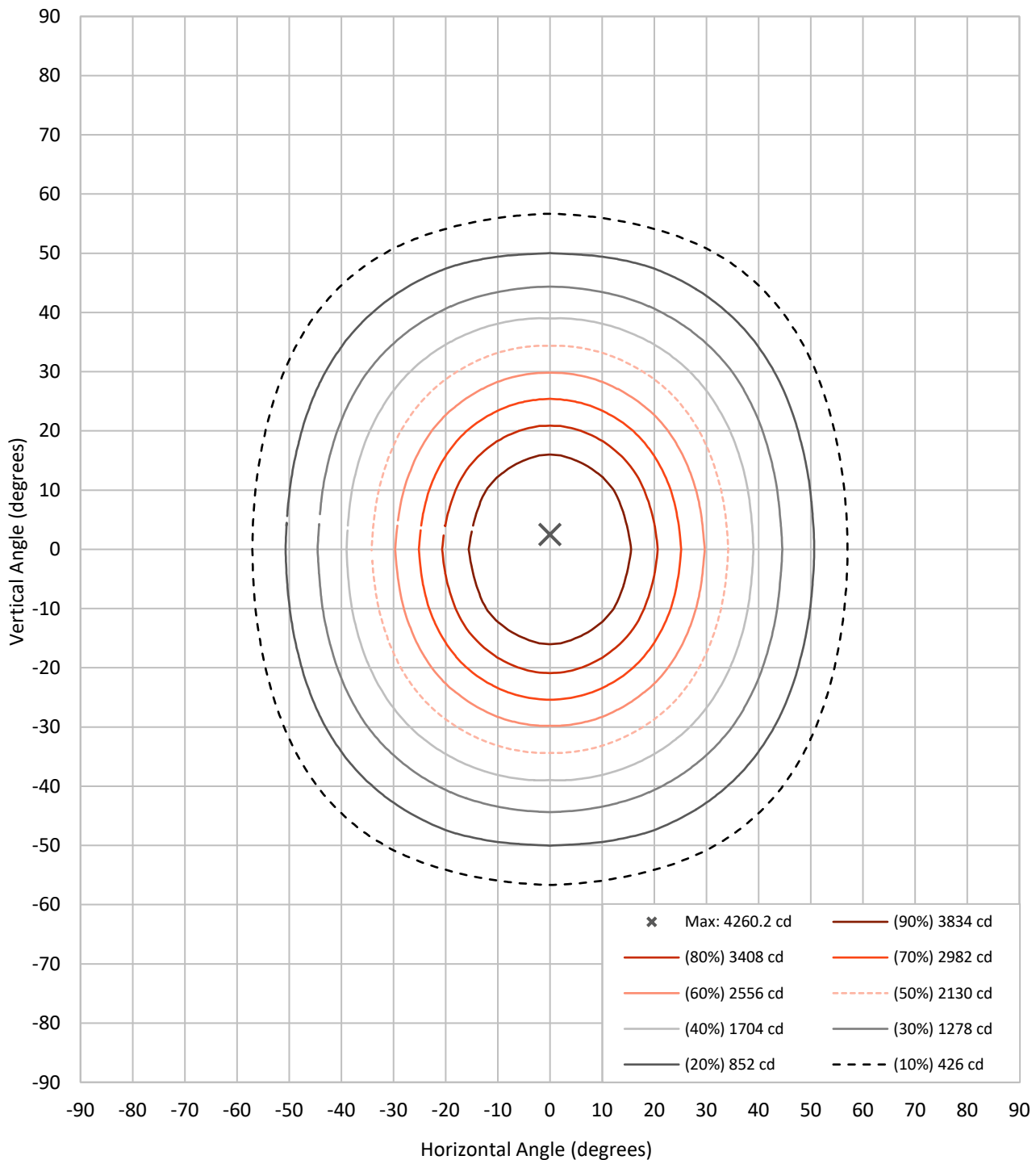
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	5765.7 lumens	Max Intensity:	4260.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	90.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	3457 lumens	Field Lumens:	5507.8 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

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



REPORT NUMBER: P558611 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





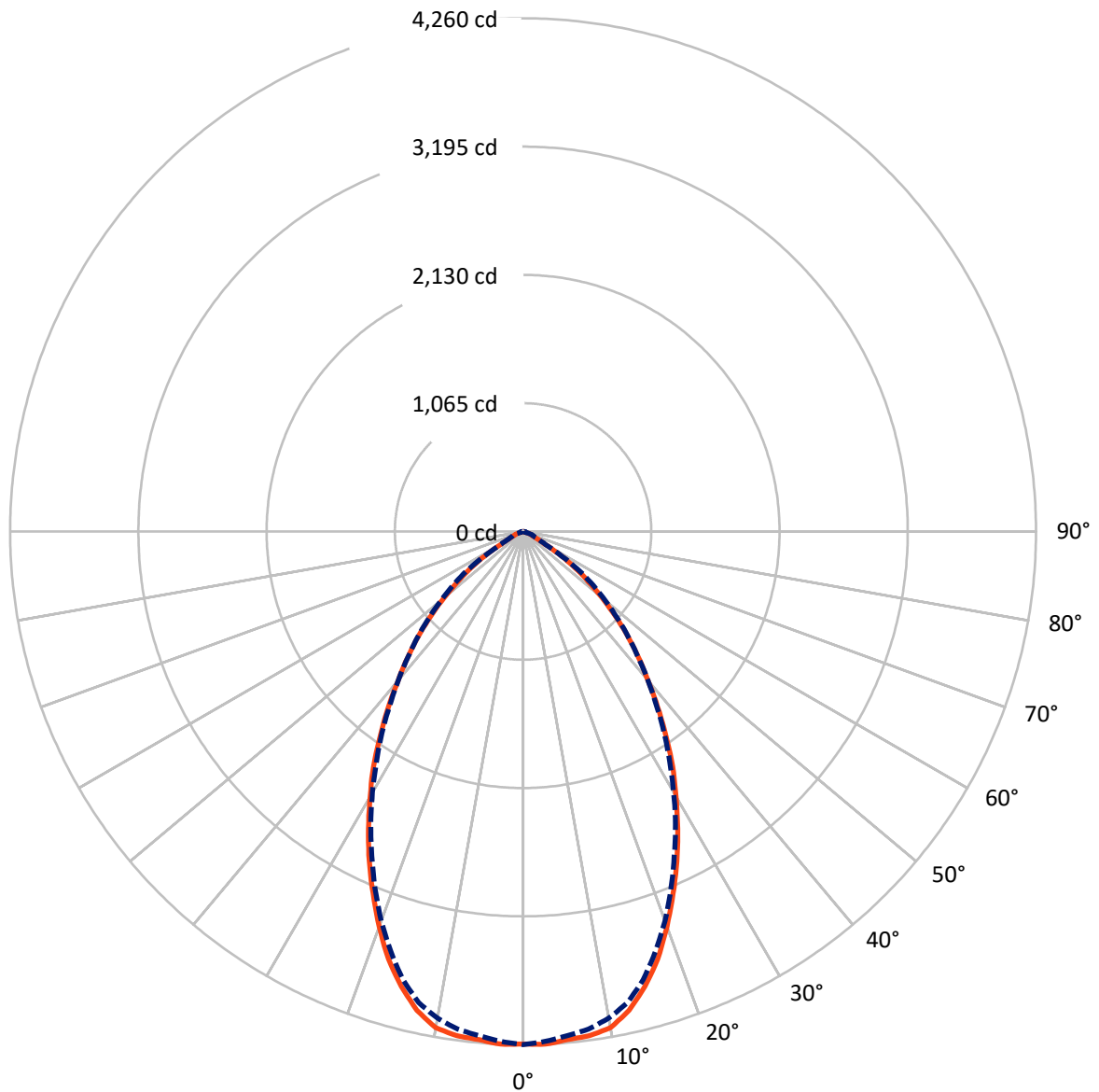
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Lumen Table

90																			
80	0.0	0.6	1.4	2.4	1.7	2.4	1.4	0.6	0.0										
70																			
60	0.3	0.4	0.8	1.2	1.8	2.3	2.9	3.2	3.2	2.9	2.3	1.8	1.2	0.8	0.4	0.3			
50		0.6	1.3	2.3	4.5	8.7	13.0	15.6	15.6	13.0	8.7	4.5	2.3	1.3	0.6				
40	0.5	0.8	1.9	5.5	14.5	24.2	32.1	36.7	36.7	32.1	24.2	14.5	5.5	1.9	0.8	0.5			
30		1.0	3.2	12.7	26.1	40.7	54.0	61.9	61.9	54.0	40.7	26.1	12.7	3.2	1.0				
20	0.5	1.2	5.9	19.3	37.0	57.9	77.4	89.7	89.7	77.4	57.9	37.0	19.3	5.9	1.2	0.5			
10		1.5	8.4	24.0	45.6	72.4	98.6	115.2	115.2	98.6	72.4	45.6	24.0	8.4	1.5				
0	0.5	1.6	9.8	26.5	50.5	80.9	110.8	126.6	126.6	110.8	80.9	50.5	26.5	9.8	1.6	0.5			
-10		1.6	9.8	26.5	50.5	80.9	110.8	126.6	126.6	110.8	80.9	50.5	26.5	9.8	1.6				
-20	0.5	1.5	8.4	24.0	45.6	72.4	98.6	115.2	115.2	98.6	72.4	45.6	24.0	8.4	1.5	0.5			
-30		1.2	5.9	19.3	37.0	57.9	77.4	89.7	89.7	77.4	57.9	37.0	19.3	5.9	1.2				
-40	0.5	1.0	3.2	12.7	26.1	40.7	54.0	61.9	61.9	54.0	40.7	26.1	12.7	3.2	1.0	0.5			
-50		0.8	1.9	5.5	14.5	24.2	32.1	36.7	36.7	32.1	24.2	14.5	5.5	1.9	0.8				
-60	0.3	0.6	1.3	2.3	4.5	8.7	13.0	15.6	15.6	13.0	8.7	4.5	2.3	1.3	0.6	0.3			
-70		0.4	0.8	1.2	1.8	2.3	2.9	3.2	3.2	2.9	2.3	1.8	1.2	0.8	0.4				
-80	0.0	0.6	1.4	2.4	1.7	2.4	1.4	0.6	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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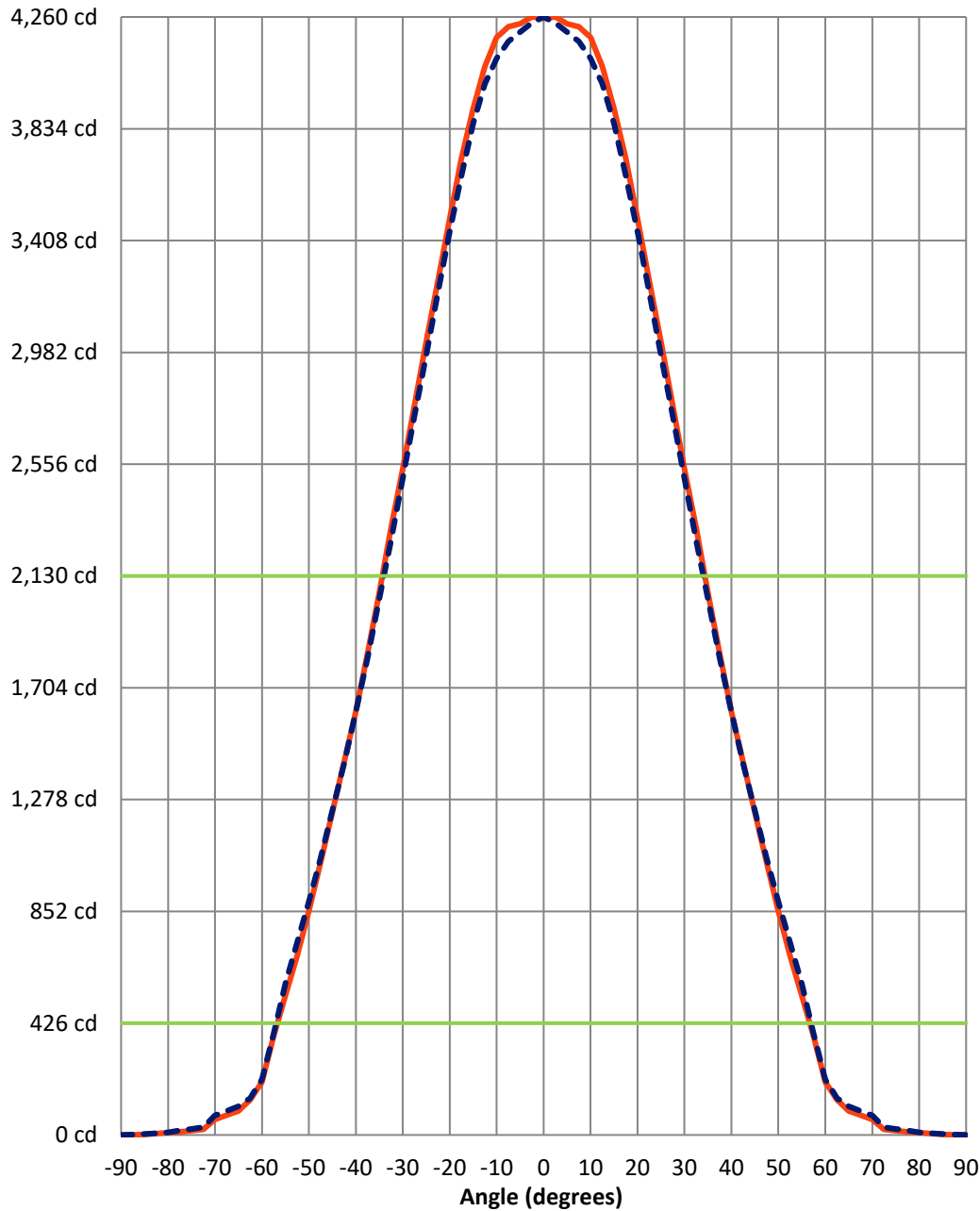
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 2.5-Deg

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Luminous Intensity Plot



Beam:
H Angle: 68°
V Angle: 68.7°
Lumens: 3457
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 5507.8
Efficiency: 95.5%

Spill:
Lumens: 257.9
Efficiency: 4.5%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 2.5-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	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
85°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.2	1.4
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.7	2.4	3.1
80°	0.0	0.3	0.6	0.8	1.1	1.4	1.8	2.6	3.5	4.4	5.3
77.5°	0.0	0.3	0.7	1.0	1.4	1.9	3.0	4.1	5.2	6.4	8.0
75°	0.0	0.4	0.8	1.2	1.7	2.8	4.2	5.6	7.1	9.5	11.8
72.5°	0.0	0.5	1.0	1.4	2.3	3.6	5.4	7.4	10.2	12.9	15.6
70°	0.0	0.5	1.1	1.7	2.8	4.5	6.6	10.0	13.2	16.3	20.8
67.5°	0.0	0.6	1.2	2.0	3.4	5.2	8.6	12.6	16.2	20.9	26.2
65°	0.0	0.7	1.4	2.3	3.9	6.3	10.5	15.2	19.8	25.3	31.3
62.5°	0.0	0.7	1.5	2.6	4.4	7.5	12.3	18.0	23.4	29.6	36.1
60°	0.0	0.8	1.6	2.9	4.8	8.7	13.9	20.7	26.7	34.2	41.0
57.5°	0.0	0.9	1.8	3.2	5.5	9.7	15.5	23.2	30.8	38.8	45.0
55°	0.0	0.9	1.9	3.4	6.1	10.6	16.9	25.1	35.0	43.2	48.7
52.5°	0.0	1.0	2.1	3.6	6.6	11.4	18.2	28.0	39.3	46.6	52.4
50°	0.0	1.0	2.2	3.8	7.1	12.2	19.2	30.7	43.1	49.9	56.3
47.5°	0.0	1.1	2.4	4.0	7.5	12.8	20.2	33.0	46.2	53.3	60.0
45°	0.0	1.1	2.5	4.2	7.8	13.2	21.8	34.9	47.5	56.3	63.4
42.5°	0.0	1.2	2.6	4.4	8.0	13.5	23.1	36.0	48.3	59.1	67.2
40°	0.0	1.2	2.8	4.6	8.2	13.7	24.2	36.5	48.8	61.5	70.9
37.5°	0.0	1.3	2.9	4.9	8.2	13.7	25.0	36.6	49.3	62.5	74.6
35°	0.0	1.3	3.0	5.1	8.2	14.0	25.6	36.4	49.8	64.8	78.1
32.5°	0.0	1.3	3.1	5.3	8.1	14.3	25.7	35.9	50.3	67.8	81.7
30°	0.0	1.4	3.2	5.5	7.9	14.5	25.2	35.4	50.8	71.2	85.1
27.5°	0.0	1.4	3.3	5.6	8.1	14.5	24.5	35.5	52.0	75.2	88.3
25°	0.0	1.5	3.4	5.8	8.3	14.3	23.6	35.5	54.7	78.4	91.3
22.5°	0.0	1.5	3.5	6.0	8.6	14.3	22.6	35.4	57.6	80.8	95.2
20°	0.0	1.5	3.5	6.1	8.8	15.0	21.3	35.2	60.5	83.0	98.6
17.5°	0.0	1.5	3.6	6.2	9.0	15.6	21.1	34.9	63.5	85.0	101.6
15°	0.0	1.5	3.6	6.3	9.2	16.1	21.5	34.7	66.4	86.7	104.1
12.5°	0.0	1.6	3.7	6.4	9.3	16.5	21.9	34.4	68.9	88.2	106.3
10°	0.0	1.6	3.7	6.5	9.5	16.9	22.2	33.7	71.0	89.3	107.9
7.5°	0.0	1.6	3.8	6.5	9.6	17.2	22.5	32.7	72.7	90.2	108.8
5°	0.0	1.6	3.8	6.6	9.7	17.4	22.7	31.3	73.9	90.9	109.3
2.5°	0.0	1.6	3.8	6.6	9.8	17.5	22.9	29.7	74.5	91.4	109.3
0°	0.0	1.6	3.8	6.6	9.9	17.5	23.0	27.9	74.5	91.5	109.0
-2.5°	0.0	1.6	3.8	6.6	9.8	17.5	22.9	29.7	74.5	91.4	109.3
-5°	0.0	1.6	3.8	6.6	9.7	17.4	22.7	31.3	73.9	90.9	109.3
-7.5°	0.0	1.6	3.8	6.5	9.6	17.2	22.5	32.7	72.7	90.2	108.8
-10°	0.0	1.6	3.7	6.5	9.5	16.9	22.2	33.7	71.0	89.3	107.9
-12.5°	0.0	1.6	3.7	6.4	9.3	16.5	21.9	34.4	68.9	88.2	106.3
-15°	0.0	1.5	3.6	6.3	9.2	16.1	21.5	34.7	66.4	86.7	104.1
-17.5°	0.0	1.5	3.6	6.2	9.0	15.6	21.1	34.9	63.5	85.0	101.6
-20°	0.0	1.5	3.5	6.1	8.8	15.0	21.3	35.2	60.5	83.0	98.6



REPORT NUMBER: P558611 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.5	3.5	6.0	8.6	14.3	22.6	35.4	57.6	80.8	95.2
-25°	0.0	1.5	3.4	5.8	8.3	14.3	23.6	35.5	54.7	78.4	91.3
-27.5°	0.0	1.4	3.3	5.6	8.1	14.5	24.5	35.5	52.0	75.2	88.3
-30°	0.0	1.4	3.2	5.5	7.9	14.5	25.2	35.4	50.8	71.2	85.1
-32.5°	0.0	1.3	3.1	5.3	8.1	14.3	25.7	35.9	50.3	67.8	81.7
-35°	0.0	1.3	3.0	5.1	8.2	14.0	25.6	36.4	49.8	64.8	78.1
-37.5°	0.0	1.3	2.9	4.9	8.2	13.7	25.0	36.6	49.3	62.5	74.6
-40°	0.0	1.2	2.8	4.6	8.2	13.7	24.2	36.5	48.8	61.5	70.9
-42.5°	0.0	1.2	2.6	4.4	8.0	13.5	23.1	36.0	48.3	59.1	67.2
-45°	0.0	1.1	2.5	4.2	7.8	13.2	21.8	34.9	47.5	56.3	63.4
-47.5°	0.0	1.1	2.4	4.0	7.5	12.8	20.2	33.0	46.2	53.3	60.0
-50°	0.0	1.0	2.2	3.8	7.1	12.2	19.2	30.7	43.1	49.9	56.3
-52.5°	0.0	1.0	2.1	3.6	6.6	11.4	18.2	28.0	39.3	46.6	52.4
-55°	0.0	0.9	1.9	3.4	6.1	10.6	16.9	25.1	35.0	43.2	48.7
-57.5°	0.0	0.9	1.8	3.2	5.5	9.7	15.5	23.2	30.8	38.8	45.0
-60°	0.0	0.8	1.6	2.9	4.8	8.7	13.9	20.7	26.7	34.2	41.0
-62.5°	0.0	0.7	1.5	2.6	4.4	7.5	12.3	18.0	23.4	29.6	36.1
-65°	0.0	0.7	1.4	2.3	3.9	6.3	10.5	15.2	19.8	25.3	31.3
-67.5°	0.0	0.6	1.2	2.0	3.4	5.2	8.6	12.6	16.2	20.9	26.2
-70°	0.0	0.5	1.1	1.7	2.8	4.5	6.6	10.0	13.2	16.3	20.8
-72.5°	0.0	0.5	1.0	1.4	2.3	3.6	5.4	7.4	10.2	12.9	15.6
-75°	0.0	0.4	0.8	1.2	1.7	2.8	4.2	5.6	7.1	9.5	11.8
-77.5°	0.0	0.3	0.7	1.0	1.4	1.9	3.0	4.1	5.2	6.4	8.0
-80°	0.0	0.3	0.6	0.8	1.1	1.4	1.8	2.6	3.5	4.4	5.3
-82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.7	2.4	3.1
-85°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.2	1.4
-87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
-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-935-U-WR-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°	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.8	0.7	0.6	0.5
85°	1.4	1.4	1.5	1.7	1.8	2.0	2.0	2.0	2.2	2.5	2.9
82.5°	3.4	3.7	3.8	3.9	3.9	3.9	3.9	3.9	4.8	5.9	7.2
80°	5.8	6.0	7.0	8.0	8.5	8.5	8.1	7.2	8.5	10.6	13.2
77.5°	9.5	10.9	12.3	13.8	14.1	13.4	12.3	10.6	12.5	16.3	20.6
75°	13.8	15.7	17.8	19.5	19.5	18.3	16.8	16.4	19.7	24.2	28.0
72.5°	18.9	21.7	23.7	25.1	25.0	24.8	25.4	26.8	29.4	32.7	35.6
70°	25.0	27.8	29.3	30.0	30.3	31.8	34.1	35.8	37.7	41.0	44.0
67.5°	31.1	33.2	34.6	35.5	38.0	40.9	43.2	45.3	47.6	51.0	53.8
65°	36.5	38.7	40.6	43.4	47.1	49.9	52.6	55.4	59.4	63.2	65.5
62.5°	41.8	44.1	47.0	50.9	54.9	58.4	62.8	67.8	73.0	76.9	81.3
60°	45.9	49.2	53.3	57.9	62.7	68.5	74.1	79.9	85.3	90.5	97.0
57.5°	49.8	54.5	59.7	65.1	71.5	78.6	85.5	91.8	98.5	105.7	113.1
55°	54.1	60.3	66.0	72.4	80.2	89.3	97.0	104.4	112.4	124.6	135.2
52.5°	58.7	65.6	72.1	80.0	89.6	99.3	108.1	118.5	131.9	149.9	179.2
50°	63.1	70.6	78.1	88.3	98.7	109.0	121.6	136.1	163.0	196.6	255.5
47.5°	67.6	75.4	85.4	96.4	107.8	121.3	137.3	169.0	205.7	289.5	373.0
45°	71.9	81.3	92.3	104.7	118.3	135.3	168.5	207.7	307.3	403.7	504.1
42.5°	76.2	87.1	99.7	113.0	130.8	161.4	204.2	307.7	415.5	526.2	622.6
40°	81.0	92.5	107.2	124.0	147.5	194.0	290.1	406.6	528.0	632.6	726.5
37.5°	85.6	99.2	115.1	134.7	176.9	254.5	378.3	507.5	625.1	727.4	827.6
35°	89.7	105.7	124.6	154.0	205.7	333.6	467.8	599.2	711.7	820.8	930.4
32.5°	94.6	111.9	133.7	179.6	271.8	410.0	552.8	678.0	795.8	912.2	1037.4
30°	100.1	119.7	146.4	204.0	337.2	484.2	625.7	753.6	875.7	1004.9	1139.0
27.5°	105.2	127.1	167.5	251.3	398.7	553.5	692.0	823.6	954.7	1092.3	1236.6
25°	109.8	134.2	187.2	303.1	458.2	612.6	753.0	886.9	1028.5	1178.1	1329.9
22.5°	114.8	141.1	205.0	350.4	512.5	665.3	806.9	948.9	1098.7	1257.2	1415.7
20°	120.2	155.9	234.4	394.0	561.9	713.1	855.3	1006.4	1164.4	1328.6	1495.9
17.5°	125.1	168.9	269.4	435.4	603.4	754.6	898.8	1058.6	1221.5	1393.2	1569.5
15°	129.5	180.2	300.3	472.0	638.7	789.9	941.2	1104.8	1272.3	1451.1	1634.2
12.5°	133.4	189.8	326.8	503.6	668.4	820.1	976.9	1143.9	1317.6	1501.7	1692.6
10°	136.7	197.6	348.9	530.0	692.5	845.1	1005.5	1176.3	1353.6	1542.5	1739.6
7.5°	138.8	204.0	366.3	551.2	711.2	864.6	1027.1	1201.9	1379.9	1574.4	1775.2
5°	140.2	209.2	378.9	566.8	724.8	879.3	1042.7	1220.3	1396.8	1596.7	1799.1
2.5°	140.8	212.8	386.6	576.8	733.3	889.6	1055.6	1236.4	1414.6	1612.6	1817.6
0°	140.7	214.7	389.4	581.1	736.6	894.3	1061.9	1244.8	1426.1	1619.4	1830.2
-2.5°	140.8	212.8	386.6	576.8	733.3	889.6	1055.6	1236.4	1414.6	1612.6	1817.6
-5°	140.2	209.2	378.9	566.8	724.8	879.3	1042.7	1220.3	1396.8	1596.7	1799.1
-7.5°	138.8	204.0	366.3	551.2	711.2	864.6	1027.1	1201.9	1379.9	1574.4	1775.2
-10°	136.7	197.6	348.9	530.0	692.5	845.1	1005.5	1176.3	1353.6	1542.5	1739.6
-12.5°	133.4	189.8	326.8	503.6	668.4	820.1	976.9	1143.9	1317.6	1501.7	1692.6
-15°	129.5	180.2	300.3	472.0	638.7	789.9	941.2	1104.8	1272.3	1451.1	1634.2
-17.5°	125.1	168.9	269.4	435.4	603.4	754.6	898.8	1058.6	1221.5	1393.2	1569.5
-20°	120.2	155.9	234.4	394.0	561.9	713.1	855.3	1006.4	1164.4	1328.6	1495.9



REPORT NUMBER: P558611 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	114.8	141.1	205.0	350.4	512.5	665.3	806.9	948.9	1098.7	1257.2	1415.7
-25°	109.8	134.2	187.2	303.1	458.2	612.6	753.0	886.9	1028.5	1178.1	1329.9
-27.5°	105.2	127.1	167.5	251.3	398.7	553.5	692.0	823.6	954.7	1092.3	1236.6
-30°	100.1	119.7	146.4	204.0	337.2	484.2	625.7	753.6	875.7	1004.9	1139.0
-32.5°	94.6	111.9	133.7	179.6	271.8	410.0	552.8	678.0	795.8	912.2	1037.4
-35°	89.7	105.7	124.6	154.0	205.7	333.6	467.8	599.2	711.7	820.8	930.4
-37.5°	85.6	99.2	115.1	134.7	176.9	254.5	378.3	507.5	625.1	727.4	827.6
-40°	81.0	92.5	107.2	124.0	147.5	194.0	290.1	406.6	528.0	632.6	726.5
-42.5°	76.2	87.1	99.7	113.0	130.8	161.4	204.2	307.7	415.5	526.2	622.6
-45°	71.9	81.3	92.3	104.7	118.3	135.3	168.5	207.7	307.3	403.7	504.1
-47.5°	67.6	75.4	85.4	96.4	107.8	121.3	137.3	169.0	205.7	289.5	373.0
-50°	63.1	70.6	78.1	88.3	98.7	109.0	121.6	136.1	163.0	196.6	255.5
-52.5°	58.7	65.6	72.1	80.0	89.6	99.3	108.1	118.5	131.9	149.9	179.2
-55°	54.1	60.3	66.0	72.4	80.2	89.3	97.0	104.4	112.4	124.6	135.2
-57.5°	49.8	54.5	59.7	65.1	71.5	78.6	85.5	91.8	98.5	105.7	113.1
-60°	45.9	49.2	53.3	57.9	62.7	68.5	74.1	79.9	85.3	90.5	97.0
-62.5°	41.8	44.1	47.0	50.9	54.9	58.4	62.8	67.8	73.0	76.9	81.3
-65°	36.5	38.7	40.6	43.4	47.1	49.9	52.6	55.4	59.4	63.2	65.5
-67.5°	31.1	33.2	34.6	35.5	38.0	40.9	43.2	45.3	47.6	51.0	53.8
-70°	25.0	27.8	29.3	30.0	30.3	31.8	34.1	35.8	37.7	41.0	44.0
-72.5°	18.9	21.7	23.7	25.1	25.0	24.8	25.4	26.8	29.4	32.7	35.6
-75°	13.8	15.7	17.8	19.5	19.5	18.3	16.8	16.4	19.7	24.2	28.0
-77.5°	9.5	10.9	12.3	13.8	14.1	13.4	12.3	10.6	12.5	16.3	20.6
-80°	5.8	6.0	7.0	8.0	8.5	8.5	8.1	7.2	8.5	10.6	13.2
-82.5°	3.4	3.7	3.8	3.9	3.9	3.9	3.9	3.9	4.8	5.9	7.2
-85°	1.4	1.4	1.5	1.7	1.8	2.0	2.0	2.0	2.2	2.5	2.9
-87.5°	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.8	0.7	0.6	0.5
-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: P558611 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-WR-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°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
85°	3.3	3.3	3.1	3.0	2.8	2.9	3.0	3.0	3.1	2.9	2.7
82.5°	8.6	9.2	9.8	10.4	11.1	11.0	10.7	10.3	9.7	8.7	7.5
80°	16.1	17.6	18.6	19.4	20.0	19.4	18.5	17.4	16.2	14.4	12.4
77.5°	25.0	26.5	27.3	28.2	29.3	29.5	29.5	29.6	29.8	26.4	22.1
75°	31.0	33.0	34.7	36.1	37.4	38.1	38.5	38.9	39.3	34.8	29.0
72.5°	38.2	40.1	41.7	43.2	44.6	45.7	46.5	47.2	47.7	44.1	39.0
70°	46.5	48.4	50.2	51.8	53.4	54.9	56.2	57.4	58.5	58.7	59.0
67.5°	55.9	57.0	59.2	61.2	63.7	65.5	67.5	69.4	71.1	72.6	73.8
65°	67.5	71.6	75.8	77.9	78.0	80.7	84.7	87.0	87.7	88.2	89.5
62.5°	87.0	92.4	95.2	98.8	103.9	109.3	111.5	114.5	118.2	122.3	126.1
60°	102.5	107.0	113.8	120.7	126.8	132.4	145.9	157.9	168.2	177.0	185.6
57.5°	121.7	129.2	139.6	158.2	175.3	190.8	217.2	249.4	278.1	303.3	325.3
55°	152.4	174.2	193.8	237.9	285.0	325.8	364.0	404.8	438.0	464.0	488.0
52.5°	204.7	264.7	325.6	382.8	439.1	490.3	536.2	572.4	600.6	621.8	641.9
50°	327.7	400.0	474.1	542.4	597.6	648.1	696.0	731.9	761.9	787.7	810.6
47.5°	461.8	546.5	616.5	679.4	739.0	795.0	847.3	891.0	928.0	962.1	990.5
45°	595.2	671.0	742.7	810.3	875.1	937.9	994.2	1043.8	1092.8	1133.2	1165.2
42.5°	708.1	788.2	864.6	941.9	1014.3	1084.8	1152.8	1213.2	1265.2	1309.4	1344.9
40°	816.4	902.9	993.5	1079.3	1165.4	1245.8	1321.1	1390.1	1449.2	1501.6	1545.8
37.5°	926.6	1027.5	1127.2	1225.0	1319.8	1407.2	1493.7	1573.2	1642.6	1703.8	1755.2
35°	1042.9	1154.1	1262.6	1372.8	1476.3	1577.5	1673.1	1760.6	1837.4	1909.6	1971.6
32.5°	1159.4	1280.0	1402.1	1521.3	1636.1	1749.4	1854.2	1952.9	2043.7	2123.5	2189.7
30°	1272.9	1405.6	1536.3	1666.2	1797.1	1920.5	2036.7	2145.1	2243.6	2330.5	2405.7
27.5°	1381.8	1524.5	1664.6	1813.2	1955.4	2089.7	2215.9	2332.4	2442.4	2541.3	2626.6
25°	1482.6	1634.1	1797.4	1953.2	2105.5	2254.4	2392.6	2519.2	2644.9	2753.7	2846.4
22.5°	1577.7	1746.9	1918.8	2082.2	2250.2	2414.0	2568.7	2715.4	2849.7	2963.7	3062.5
20°	1668.3	1850.3	2027.5	2208.4	2390.3	2566.9	2737.3	2894.1	3036.0	3160.2	3271.7
17.5°	1753.8	1942.1	2130.4	2323.6	2520.0	2705.7	2886.2	3056.9	3211.8	3349.5	3475.2
15°	1827.7	2022.3	2224.0	2429.3	2634.7	2832.2	3023.7	3209.6	3383.9	3533.9	3660.6
12.5°	1890.5	2093.2	2306.6	2522.0	2738.5	2945.5	3148.6	3347.5	3532.8	3694.0	3824.1
10°	1942.7	2155.0	2377.9	2602.3	2824.3	3039.4	3250.6	3456.4	3655.4	3822.5	3956.2
7.5°	1986.1	2206.6	2434.7	2665.7	2889.9	3113.2	3333.4	3541.3	3737.4	3913.7	4051.0
5°	2018.6	2242.8	2475.6	2712.5	2940.0	3171.4	3398.1	3610.9	3805.0	3964.7	4076.8
2.5°	2042.7	2265.3	2502.2	2740.6	2971.2	3210.9	3442.5	3655.5	3854.1	4005.3	4102.3
0°	2059.2	2277.7	2526.3	2760.2	2994.6	3240.4	3469.4	3684.6	3883.9	4031.8	4132.0
-2.5°	2042.7	2265.3	2502.2	2740.6	2971.2	3210.9	3442.5	3655.5	3854.1	4005.3	4102.3
-5°	2018.6	2242.8	2475.6	2712.5	2940.0	3171.4	3398.1	3610.9	3805.0	3964.7	4076.8
-7.5°	1986.1	2206.6	2434.7	2665.7	2889.9	3113.2	3333.4	3541.3	3737.4	3913.7	4051.0
-10°	1942.7	2155.0	2377.9	2602.3	2824.3	3039.4	3250.6	3456.4	3655.4	3822.5	3956.2
-12.5°	1890.5	2093.2	2306.6	2522.0	2738.5	2945.5	3148.6	3347.5	3532.8	3694.0	3824.1
-15°	1827.7	2022.3	2224.0	2429.3	2634.7	2832.2	3023.7	3209.6	3383.9	3533.9	3660.6
-17.5°	1753.8	1942.1	2130.4	2323.6	2520.0	2705.7	2886.2	3056.9	3211.8	3349.5	3475.2
-20°	1668.3	1850.3	2027.5	2208.4	2390.3	2566.9	2737.3	2894.1	3036.0	3160.2	3271.7



REPORT NUMBER: P558611 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1577.7	1746.9	1918.8	2082.2	2250.2	2414.0	2568.7	2715.4	2849.7	2963.7	3062.5
-25°	1482.6	1634.1	1797.4	1953.2	2105.5	2254.4	2392.6	2519.2	2644.9	2753.7	2846.4
-27.5°	1381.8	1524.5	1664.6	1813.2	1955.4	2089.7	2215.9	2332.4	2442.4	2541.3	2626.6
-30°	1272.9	1405.6	1536.3	1666.2	1797.1	1920.5	2036.7	2145.1	2243.6	2330.5	2405.7
-32.5°	1159.4	1280.0	1402.1	1521.3	1636.1	1749.4	1854.2	1952.9	2043.7	2123.5	2189.7
-35°	1042.9	1154.1	1262.6	1372.8	1476.3	1577.5	1673.1	1760.6	1837.4	1909.6	1971.6
-37.5°	926.6	1027.5	1127.2	1225.0	1319.8	1407.2	1493.7	1573.2	1642.6	1703.8	1755.2
-40°	816.4	902.9	993.5	1079.3	1165.4	1245.8	1321.1	1390.1	1449.2	1501.6	1545.8
-42.5°	708.1	788.2	864.6	941.9	1014.3	1084.8	1152.8	1213.2	1265.2	1309.4	1344.9
-45°	595.2	671.0	742.7	810.3	875.1	937.9	994.2	1043.8	1092.8	1133.2	1165.2
-47.5°	461.8	546.5	616.5	679.4	739.0	795.0	847.3	891.0	928.0	962.1	990.5
-50°	327.7	400.0	474.1	542.4	597.6	648.1	696.0	731.9	761.9	787.7	810.6
-52.5°	204.7	264.7	325.6	382.8	439.1	490.3	536.2	572.4	600.6	621.8	641.9
-55°	152.4	174.2	193.8	237.9	285.0	325.8	364.0	404.8	438.0	464.0	488.0
-57.5°	121.7	129.2	139.6	158.2	175.3	190.8	217.2	249.4	278.1	303.3	325.3
-60°	102.5	107.0	113.8	120.7	126.8	132.4	145.9	157.9	168.2	177.0	185.6
-62.5°	87.0	92.4	95.2	98.8	103.9	109.3	111.5	114.5	118.2	122.3	126.1
-65°	67.5	71.6	75.8	77.9	78.0	80.7	84.7	87.0	87.7	88.2	89.5
-67.5°	55.9	57.0	59.2	61.2	63.7	65.5	67.5	69.4	71.1	72.6	73.8
-70°	46.5	48.4	50.2	51.8	53.4	54.9	56.2	57.4	58.5	58.7	59.0
-72.5°	38.2	40.1	41.7	43.2	44.6	45.7	46.5	47.2	47.7	44.1	39.0
-75°	31.0	33.0	34.7	36.1	37.4	38.1	38.5	38.9	39.3	34.8	29.0
-77.5°	25.0	26.5	27.3	28.2	29.3	29.5	29.5	29.6	29.8	26.4	22.1
-80°	16.1	17.6	18.6	19.4	20.0	19.4	18.5	17.4	16.2	14.4	12.4
-82.5°	8.6	9.2	9.8	10.4	11.1	11.0	10.7	10.3	9.7	8.7	7.5
-85°	3.3	3.3	3.1	3.0	2.8	2.9	3.0	3.0	3.1	2.9	2.7
-87.5°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-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: P558611 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
85°	2.4	2.2	2.2	2.2	2.2	2.2	2.4	2.7	2.9	3.1	3.0
82.5°	6.2	4.9	5.2	5.5	5.2	4.9	6.2	7.5	8.7	9.7	10.3
80°	10.4	8.2	8.5	8.8	8.5	8.2	10.4	12.4	14.4	16.2	17.4
77.5°	17.6	12.8	12.3	12.0	12.3	12.8	17.6	22.1	26.4	29.8	29.6
75°	22.9	16.7	16.4	16.4	16.4	16.7	22.9	29.0	34.8	39.3	38.9
72.5°	33.9	28.7	25.1	21.4	25.1	28.7	33.9	39.0	44.1	47.7	47.2
70°	59.6	60.3	60.0	59.1	60.0	60.3	59.6	59.0	58.7	58.5	57.4
67.5°	74.8	75.5	75.7	75.6	75.7	75.5	74.8	73.8	72.6	71.1	69.4
65°	90.4	90.9	91.3	91.5	91.3	90.9	90.4	89.5	88.2	87.7	87.0
62.5°	128.9	130.7	132.8	134.2	132.8	130.7	128.9	126.1	122.3	118.2	114.5
60°	193.0	199.1	201.9	202.1	201.9	199.1	193.0	185.6	177.0	168.2	157.9
57.5°	343.0	356.2	368.0	376.8	368.0	356.2	343.0	325.3	303.3	278.1	249.4
55°	507.1	521.2	529.1	531.2	529.1	521.2	507.1	488.0	464.0	438.0	404.8
52.5°	657.1	666.4	675.3	682.9	675.3	666.4	657.1	641.9	621.8	600.6	572.4
50°	827.9	838.3	847.1	853.8	847.1	838.3	827.9	810.6	787.7	761.9	731.9
47.5°	1010.4	1023.2	1032.6	1038.9	1032.6	1023.2	1010.4	990.5	962.1	928.0	891.0
45°	1192.6	1214.4	1227.7	1230.0	1227.7	1214.4	1192.6	1165.2	1133.2	1092.8	1043.8
42.5°	1375.7	1396.6	1410.7	1421.2	1410.7	1396.6	1375.7	1344.9	1309.4	1265.2	1213.2
40°	1582.7	1609.0	1621.1	1613.4	1621.1	1609.0	1582.7	1545.8	1501.6	1449.2	1390.1
37.5°	1794.9	1821.9	1835.8	1835.2	1835.8	1821.9	1794.9	1755.2	1703.8	1642.6	1573.2
35°	2019.8	2053.3	2071.4	2066.8	2071.4	2053.3	2019.8	1971.6	1909.6	1837.4	1760.6
32.5°	2242.5	2283.1	2309.3	2313.3	2309.3	2283.1	2242.5	2189.7	2123.5	2043.7	1952.9
30°	2466.0	2509.8	2535.8	2538.4	2535.8	2509.8	2466.0	2405.7	2330.5	2243.6	2145.1
27.5°	2698.3	2747.3	2774.5	2781.0	2774.5	2747.3	2698.3	2626.6	2541.3	2442.4	2332.4
25°	2925.4	2979.8	3011.0	3023.0	3011.0	2979.8	2925.4	2846.4	2753.7	2644.9	2519.2
22.5°	3144.5	3204.2	3244.8	3255.2	3244.8	3204.2	3144.5	3062.5	2963.7	2849.7	2715.4
20°	3364.3	3434.6	3486.7	3491.8	3486.7	3434.6	3364.3	3271.7	3160.2	3036.0	2894.1
17.5°	3575.8	3652.0	3707.7	3721.3	3707.7	3652.0	3575.8	3475.2	3349.5	3211.8	3056.9
15°	3765.3	3845.1	3898.9	3910.8	3898.9	3845.1	3765.3	3660.6	3533.9	3383.9	3209.6
12.5°	3928.7	4002.3	4052.6	4071.8	4052.6	4002.3	3928.7	3824.1	3694.0	3532.8	3347.5
10°	4060.3	4117.2	4162.1	4182.4	4162.1	4117.2	4060.3	3956.2	3822.5	3655.4	3456.4
7.5°	4133.9	4180.7	4211.7	4222.9	4211.7	4180.7	4133.9	4051.0	3913.7	3737.4	3541.3
5°	4162.9	4207.8	4224.6	4234.4	4224.6	4207.8	4162.9	4076.8	3964.7	3805.0	3610.9
2.5°	4166.9	4202.8	4237.4	4260.2	4237.4	4202.8	4166.9	4102.3	4005.3	3854.1	3655.5
0°	4190.1	4225.1	4244.3	4255.2	4244.3	4225.1	4190.1	4132.0	4031.8	3883.9	3684.6
-2.5°	4166.9	4202.8	4237.4	4260.2	4237.4	4202.8	4166.9	4102.3	4005.3	3854.1	3655.5
-5°	4162.9	4207.8	4224.6	4234.4	4224.6	4207.8	4162.9	4076.8	3964.7	3805.0	3610.9
-7.5°	4133.9	4180.7	4211.7	4222.9	4211.7	4180.7	4133.9	4051.0	3913.7	3737.4	3541.3
-10°	4060.3	4117.2	4162.1	4182.4	4162.1	4117.2	4060.3	3956.2	3822.5	3655.4	3456.4
-12.5°	3928.7	4002.3	4052.6	4071.8	4052.6	4002.3	3928.7	3824.1	3694.0	3532.8	3347.5
-15°	3765.3	3845.1	3898.9	3910.8	3898.9	3845.1	3765.3	3660.6	3533.9	3383.9	3209.6
-17.5°	3575.8	3652.0	3707.7	3721.3	3707.7	3652.0	3575.8	3475.2	3349.5	3211.8	3056.9
-20°	3364.3	3434.6	3486.7	3491.8	3486.7	3434.6	3364.3	3271.7	3160.2	3036.0	2894.1



REPORT NUMBER: P558611 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3144.5	3204.2	3244.8	3255.2	3244.8	3204.2	3144.5	3062.5	2963.7	2849.7	2715.4
-25°	2925.4	2979.8	3011.0	3023.0	3011.0	2979.8	2925.4	2846.4	2753.7	2644.9	2519.2
-27.5°	2698.3	2747.3	2774.5	2781.0	2774.5	2747.3	2698.3	2626.6	2541.3	2442.4	2332.4
-30°	2466.0	2509.8	2535.8	2538.4	2535.8	2509.8	2466.0	2405.7	2330.5	2243.6	2145.1
-32.5°	2242.5	2283.1	2309.3	2313.3	2309.3	2283.1	2242.5	2189.7	2123.5	2043.7	1952.9
-35°	2019.8	2053.3	2071.4	2066.8	2071.4	2053.3	2019.8	1971.6	1909.6	1837.4	1760.6
-37.5°	1794.9	1821.9	1835.8	1835.2	1835.8	1821.9	1794.9	1755.2	1703.8	1642.6	1573.2
-40°	1582.7	1609.0	1621.1	1613.4	1621.1	1609.0	1582.7	1545.8	1501.6	1449.2	1390.1
-42.5°	1375.7	1396.6	1410.7	1421.2	1410.7	1396.6	1375.7	1344.9	1309.4	1265.2	1213.2
-45°	1192.6	1214.4	1227.7	1230.0	1227.7	1214.4	1192.6	1165.2	1133.2	1092.8	1043.8
-47.5°	1010.4	1023.2	1032.6	1038.9	1032.6	1023.2	1010.4	990.5	962.1	928.0	891.0
-50°	827.9	838.3	847.1	853.8	847.1	838.3	827.9	810.6	787.7	761.9	731.9
-52.5°	657.1	666.4	675.3	682.9	675.3	666.4	657.1	641.9	621.8	600.6	572.4
-55°	507.1	521.2	529.1	531.2	529.1	521.2	507.1	488.0	464.0	438.0	404.8
-57.5°	343.0	356.2	368.0	376.8	368.0	356.2	343.0	325.3	303.3	278.1	249.4
-60°	193.0	199.1	201.9	202.1	201.9	199.1	193.0	185.6	177.0	168.2	157.9
-62.5°	128.9	130.7	132.8	134.2	132.8	130.7	128.9	126.1	122.3	118.2	114.5
-65°	90.4	90.9	91.3	91.5	91.3	90.9	90.4	89.5	88.2	87.7	87.0
-67.5°	74.8	75.5	75.7	75.6	75.7	75.5	74.8	73.8	72.6	71.1	69.4
-70°	59.6	60.3	60.0	59.1	60.0	60.3	59.6	59.0	58.7	58.5	57.4
-72.5°	33.9	28.7	25.1	21.4	25.1	28.7	33.9	39.0	44.1	47.7	47.2
-75°	22.9	16.7	16.4	16.4	16.4	16.7	22.9	29.0	34.8	39.3	38.9
-77.5°	17.6	12.8	12.3	12.0	12.3	12.8	17.6	22.1	26.4	29.8	29.6
-80°	10.4	8.2	8.5	8.8	8.5	8.2	10.4	12.4	14.4	16.2	17.4
-82.5°	6.2	4.9	5.2	5.5	5.2	4.9	6.2	7.5	8.7	9.7	10.3
-85°	2.4	2.2	2.2	2.2	2.2	2.2	2.4	2.7	2.9	3.1	3.0
-87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-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: P558611 (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°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.6	0.7	0.8
85°	3.0	2.9	2.8	3.0	3.1	3.3	3.3	2.9	2.5	2.2	2.0
82.5°	10.7	11.0	11.1	10.4	9.8	9.2	8.6	7.2	5.9	4.8	3.9
80°	18.5	19.4	20.0	19.4	18.6	17.6	16.1	13.2	10.6	8.5	7.2
77.5°	29.5	29.5	29.3	28.2	27.3	26.5	25.0	20.6	16.3	12.5	10.6
75°	38.5	38.1	37.4	36.1	34.7	33.0	31.0	28.0	24.2	19.7	16.4
72.5°	46.5	45.7	44.6	43.2	41.7	40.1	38.2	35.6	32.7	29.4	26.8
70°	56.2	54.9	53.4	51.8	50.2	48.4	46.5	44.0	41.0	37.7	35.8
67.5°	67.5	65.5	63.7	61.2	59.2	57.0	55.9	53.8	51.0	47.6	45.3
65°	84.7	80.7	78.0	77.9	75.8	71.6	67.5	65.5	63.2	59.4	55.4
62.5°	111.5	109.3	103.9	98.8	95.2	92.4	87.0	81.3	76.9	73.0	67.8
60°	145.9	132.4	126.8	120.7	113.8	107.0	102.5	97.0	90.5	85.3	79.9
57.5°	217.2	190.8	175.3	158.2	139.6	129.2	121.7	113.1	105.7	98.5	91.8
55°	364.0	325.8	285.0	237.9	193.8	174.2	152.4	135.2	124.6	112.4	104.4
52.5°	536.2	490.3	439.1	382.8	325.6	264.7	204.7	179.2	149.9	131.9	118.5
50°	696.0	648.1	597.6	542.4	474.1	400.0	327.7	255.5	196.6	163.0	136.1
47.5°	847.3	795.0	739.0	679.4	616.5	546.5	461.8	373.0	289.5	205.7	169.0
45°	994.2	937.9	875.1	810.3	742.7	671.0	595.2	504.1	403.7	307.3	207.7
42.5°	1152.8	1084.8	1014.3	941.9	864.6	788.2	708.1	622.6	526.2	415.5	307.7
40°	1321.1	1245.8	1165.4	1079.3	993.5	902.9	816.4	726.5	632.6	528.0	406.6
37.5°	1493.7	1407.2	1319.8	1225.0	1127.2	1027.5	926.6	827.6	727.4	625.1	507.5
35°	1673.1	1577.5	1476.3	1372.8	1262.6	1154.1	1042.9	930.4	820.8	711.7	599.2
32.5°	1854.2	1749.4	1636.1	1521.3	1402.1	1280.0	1159.4	1037.4	912.2	795.8	678.0
30°	2036.7	1920.5	1797.1	1666.2	1536.3	1405.6	1272.9	1139.0	1004.9	875.7	753.6
27.5°	2215.9	2089.7	1955.4	1813.2	1664.6	1524.5	1381.8	1236.6	1092.3	954.7	823.6
25°	2392.6	2254.4	2105.5	1953.2	1797.4	1634.1	1482.6	1329.9	1178.1	1028.5	886.9
22.5°	2568.7	2414.0	2250.2	2082.2	1918.8	1746.9	1577.7	1415.7	1257.2	1098.7	948.9
20°	2737.3	2566.9	2390.3	2208.4	2027.5	1850.3	1668.3	1495.9	1328.6	1164.4	1006.4
17.5°	2886.2	2705.7	2520.0	2323.6	2130.4	1942.1	1753.8	1569.5	1393.2	1221.5	1058.6
15°	3023.7	2832.2	2634.7	2429.3	2224.0	2022.3	1827.7	1634.2	1451.1	1272.3	1104.8
12.5°	3148.6	2945.5	2738.5	2522.0	2306.6	2093.2	1890.5	1692.6	1501.7	1317.6	1143.9
10°	3250.6	3039.4	2824.3	2602.3	2377.9	2155.0	1942.7	1739.6	1542.5	1353.6	1176.3
7.5°	3333.4	3113.2	2889.9	2665.7	2434.7	2206.6	1986.1	1775.2	1574.4	1379.9	1201.9
5°	3398.1	3171.4	2940.0	2712.5	2475.6	2242.8	2018.6	1799.1	1596.7	1396.8	1220.3
2.5°	3442.5	3210.9	2971.2	2740.6	2502.2	2265.3	2042.7	1817.6	1612.6	1414.6	1236.4
0°	3469.4	3240.4	2994.6	2760.2	2526.3	2277.7	2059.2	1830.2	1619.4	1426.1	1244.8
-2.5°	3442.5	3210.9	2971.2	2740.6	2502.2	2265.3	2042.7	1817.6	1612.6	1414.6	1236.4
-5°	3398.1	3171.4	2940.0	2712.5	2475.6	2242.8	2018.6	1799.1	1596.7	1396.8	1220.3
-7.5°	3333.4	3113.2	2889.9	2665.7	2434.7	2206.6	1986.1	1775.2	1574.4	1379.9	1201.9
-10°	3250.6	3039.4	2824.3	2602.3	2377.9	2155.0	1942.7	1739.6	1542.5	1353.6	1176.3
-12.5°	3148.6	2945.5	2738.5	2522.0	2306.6	2093.2	1890.5	1692.6	1501.7	1317.6	1143.9
-15°	3023.7	2832.2	2634.7	2429.3	2224.0	2022.3	1827.7	1634.2	1451.1	1272.3	1104.8
-17.5°	2886.2	2705.7	2520.0	2323.6	2130.4	1942.1	1753.8	1569.5	1393.2	1221.5	1058.6
-20°	2737.3	2566.9	2390.3	2208.4	2027.5	1850.3	1668.3	1495.9	1328.6	1164.4	1006.4



REPORT NUMBER: P558611 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2568.7	2414.0	2250.2	2082.2	1918.8	1746.9	1577.7	1415.7	1257.2	1098.7	948.9
-25°	2392.6	2254.4	2105.5	1953.2	1797.4	1634.1	1482.6	1329.9	1178.1	1028.5	886.9
-27.5°	2215.9	2089.7	1955.4	1813.2	1664.6	1524.5	1381.8	1236.6	1092.3	954.7	823.6
-30°	2036.7	1920.5	1797.1	1666.2	1536.3	1405.6	1272.9	1139.0	1004.9	875.7	753.6
-32.5°	1854.2	1749.4	1636.1	1521.3	1402.1	1280.0	1159.4	1037.4	912.2	795.8	678.0
-35°	1673.1	1577.5	1476.3	1372.8	1262.6	1154.1	1042.9	930.4	820.8	711.7	599.2
-37.5°	1493.7	1407.2	1319.8	1225.0	1127.2	1027.5	926.6	827.6	727.4	625.1	507.5
-40°	1321.1	1245.8	1165.4	1079.3	993.5	902.9	816.4	726.5	632.6	528.0	406.6
-42.5°	1152.8	1084.8	1014.3	941.9	864.6	788.2	708.1	622.6	526.2	415.5	307.7
-45°	994.2	937.9	875.1	810.3	742.7	671.0	595.2	504.1	403.7	307.3	207.7
-47.5°	847.3	795.0	739.0	679.4	616.5	546.5	461.8	373.0	289.5	205.7	169.0
-50°	696.0	648.1	597.6	542.4	474.1	400.0	327.7	255.5	196.6	163.0	136.1
-52.5°	536.2	490.3	439.1	382.8	325.6	264.7	204.7	179.2	149.9	131.9	118.5
-55°	364.0	325.8	285.0	237.9	193.8	174.2	152.4	135.2	124.6	112.4	104.4
-57.5°	217.2	190.8	175.3	158.2	139.6	129.2	121.7	113.1	105.7	98.5	91.8
-60°	145.9	132.4	126.8	120.7	113.8	107.0	102.5	97.0	90.5	85.3	79.9
-62.5°	111.5	109.3	103.9	98.8	95.2	92.4	87.0	81.3	76.9	73.0	67.8
-65°	84.7	80.7	78.0	77.9	75.8	71.6	67.5	65.5	63.2	59.4	55.4
-67.5°	67.5	65.5	63.7	61.2	59.2	57.0	55.9	53.8	51.0	47.6	45.3
-70°	56.2	54.9	53.4	51.8	50.2	48.4	46.5	44.0	41.0	37.7	35.8
-72.5°	46.5	45.7	44.6	43.2	41.7	40.1	38.2	35.6	32.7	29.4	26.8
-75°	38.5	38.1	37.4	36.1	34.7	33.0	31.0	28.0	24.2	19.7	16.4
-77.5°	29.5	29.5	29.3	28.2	27.3	26.5	25.0	20.6	16.3	12.5	10.6
-80°	18.5	19.4	20.0	19.4	18.6	17.6	16.1	13.2	10.6	8.5	7.2
-82.5°	10.7	11.0	11.1	10.4	9.8	9.2	8.6	7.2	5.9	4.8	3.9
-85°	3.0	2.9	2.8	3.0	3.1	3.3	3.3	2.9	2.5	2.2	2.0
-87.5°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.6	0.7	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



REPORT NUMBER: P558611 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.5
85°	2.0	2.0	1.8	1.7	1.5	1.4	1.4	1.4	1.2	1.1	1.0
82.5°	3.9	3.9	3.9	3.9	3.8	3.7	3.4	3.1	2.4	1.7	1.4
80°	8.1	8.5	8.5	8.0	7.0	6.0	5.8	5.3	4.4	3.5	2.6
77.5°	12.3	13.4	14.1	13.8	12.3	10.9	9.5	8.0	6.4	5.2	4.1
75°	16.8	18.3	19.5	19.5	17.8	15.7	13.8	11.8	9.5	7.1	5.6
72.5°	25.4	24.8	25.0	25.1	23.7	21.7	18.9	15.6	12.9	10.2	7.4
70°	34.1	31.8	30.3	30.0	29.3	27.8	25.0	20.8	16.3	13.2	10.0
67.5°	43.2	40.9	38.0	35.5	34.6	33.2	31.1	26.2	20.9	16.2	12.6
65°	52.6	49.9	47.1	43.4	40.6	38.7	36.5	31.3	25.3	19.8	15.2
62.5°	62.8	58.4	54.9	50.9	47.0	44.1	41.8	36.1	29.6	23.4	18.0
60°	74.1	68.5	62.7	57.9	53.3	49.2	45.9	41.0	34.2	26.7	20.7
57.5°	85.5	78.6	71.5	65.1	59.7	54.5	49.8	45.0	38.8	30.8	23.2
55°	97.0	89.3	80.2	72.4	66.0	60.3	54.1	48.7	43.2	35.0	25.1
52.5°	108.1	99.3	89.6	80.0	72.1	65.6	58.7	52.4	46.6	39.3	28.0
50°	121.6	109.0	98.7	88.3	78.1	70.6	63.1	56.3	49.9	43.1	30.7
47.5°	137.3	121.3	107.8	96.4	85.4	75.4	67.6	60.0	53.3	46.2	33.0
45°	168.5	135.3	118.3	104.7	92.3	81.3	71.9	63.4	56.3	47.5	34.9
42.5°	204.2	161.4	130.8	113.0	99.7	87.1	76.2	67.2	59.1	48.3	36.0
40°	290.1	194.0	147.5	124.0	107.2	92.5	81.0	70.9	61.5	48.8	36.5
37.5°	378.3	254.5	176.9	134.7	115.1	99.2	85.6	74.6	62.5	49.3	36.6
35°	467.8	333.6	205.7	154.0	124.6	105.7	89.7	78.1	64.8	49.8	36.4
32.5°	552.8	410.0	271.8	179.6	133.7	111.9	94.6	81.7	67.8	50.3	35.9
30°	625.7	484.2	337.2	204.0	146.4	119.7	100.1	85.1	71.2	50.8	35.4
27.5°	692.0	553.5	398.7	251.3	167.5	127.1	105.2	88.3	75.2	52.0	35.5
25°	753.0	612.6	458.2	303.1	187.2	134.2	109.8	91.3	78.4	54.7	35.5
22.5°	806.9	665.3	512.5	350.4	205.0	141.1	114.8	95.2	80.8	57.6	35.4
20°	855.3	713.1	561.9	394.0	234.4	155.9	120.2	98.6	83.0	60.5	35.2
17.5°	898.8	754.6	603.4	435.4	269.4	168.9	125.1	101.6	85.0	63.5	34.9
15°	941.2	789.9	638.7	472.0	300.3	180.2	129.5	104.1	86.7	66.4	34.7
12.5°	976.9	820.1	668.4	503.6	326.8	189.8	133.4	106.3	88.2	68.9	34.4
10°	1005.5	845.1	692.5	530.0	348.9	197.6	136.7	107.9	89.3	71.0	33.7
7.5°	1027.1	864.6	711.2	551.2	366.3	204.0	138.8	108.8	90.2	72.7	32.7
5°	1042.7	879.3	724.8	566.8	378.9	209.2	140.2	109.3	90.9	73.9	31.3
2.5°	1055.6	889.6	733.3	576.8	386.6	212.8	140.8	109.3	91.4	74.5	29.7
0°	1061.9	894.3	736.6	581.1	389.4	214.7	140.7	109.0	91.5	74.5	27.9
-2.5°	1055.6	889.6	733.3	576.8	386.6	212.8	140.8	109.3	91.4	74.5	29.7
-5°	1042.7	879.3	724.8	566.8	378.9	209.2	140.2	109.3	90.9	73.9	31.3
-7.5°	1027.1	864.6	711.2	551.2	366.3	204.0	138.8	108.8	90.2	72.7	32.7
-10°	1005.5	845.1	692.5	530.0	348.9	197.6	136.7	107.9	89.3	71.0	33.7
-12.5°	976.9	820.1	668.4	503.6	326.8	189.8	133.4	106.3	88.2	68.9	34.4
-15°	941.2	789.9	638.7	472.0	300.3	180.2	129.5	104.1	86.7	66.4	34.7
-17.5°	898.8	754.6	603.4	435.4	269.4	168.9	125.1	101.6	85.0	63.5	34.9
-20°	855.3	713.1	561.9	394.0	234.4	155.9	120.2	98.6	83.0	60.5	35.2



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	806.9	665.3	512.5	350.4	205.0	141.1	114.8	95.2	80.8	57.6	35.4
-25°	753.0	612.6	458.2	303.1	187.2	134.2	109.8	91.3	78.4	54.7	35.5
-27.5°	692.0	553.5	398.7	251.3	167.5	127.1	105.2	88.3	75.2	52.0	35.5
-30°	625.7	484.2	337.2	204.0	146.4	119.7	100.1	85.1	71.2	50.8	35.4
-32.5°	552.8	410.0	271.8	179.6	133.7	111.9	94.6	81.7	67.8	50.3	35.9
-35°	467.8	333.6	205.7	154.0	124.6	105.7	89.7	78.1	64.8	49.8	36.4
-37.5°	378.3	254.5	176.9	134.7	115.1	99.2	85.6	74.6	62.5	49.3	36.6
-40°	290.1	194.0	147.5	124.0	107.2	92.5	81.0	70.9	61.5	48.8	36.5
-42.5°	204.2	161.4	130.8	113.0	99.7	87.1	76.2	67.2	59.1	48.3	36.0
-45°	168.5	135.3	118.3	104.7	92.3	81.3	71.9	63.4	56.3	47.5	34.9
-47.5°	137.3	121.3	107.8	96.4	85.4	75.4	67.6	60.0	53.3	46.2	33.0
-50°	121.6	109.0	98.7	88.3	78.1	70.6	63.1	56.3	49.9	43.1	30.7
-52.5°	108.1	99.3	89.6	80.0	72.1	65.6	58.7	52.4	46.6	39.3	28.0
-55°	97.0	89.3	80.2	72.4	66.0	60.3	54.1	48.7	43.2	35.0	25.1
-57.5°	85.5	78.6	71.5	65.1	59.7	54.5	49.8	45.0	38.8	30.8	23.2
-60°	74.1	68.5	62.7	57.9	53.3	49.2	45.9	41.0	34.2	26.7	20.7
-62.5°	62.8	58.4	54.9	50.9	47.0	44.1	41.8	36.1	29.6	23.4	18.0
-65°	52.6	49.9	47.1	43.4	40.6	38.7	36.5	31.3	25.3	19.8	15.2
-67.5°	43.2	40.9	38.0	35.5	34.6	33.2	31.1	26.2	20.9	16.2	12.6
-70°	34.1	31.8	30.3	30.0	29.3	27.8	25.0	20.8	16.3	13.2	10.0
-72.5°	25.4	24.8	25.0	25.1	23.7	21.7	18.9	15.6	12.9	10.2	7.4
-75°	16.8	18.3	19.5	19.5	17.8	15.7	13.8	11.8	9.5	7.1	5.6
-77.5°	12.3	13.4	14.1	13.8	12.3	10.9	9.5	8.0	6.4	5.2	4.1
-80°	8.1	8.5	8.5	8.0	7.0	6.0	5.8	5.3	4.4	3.5	2.6
-82.5°	3.9	3.9	3.9	3.9	3.8	3.7	3.4	3.1	2.4	1.7	1.4
-85°	2.0	2.0	1.8	1.7	1.5	1.4	1.4	1.4	1.2	1.1	1.0
-87.5°	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.5
-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°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
85°	0.8	0.7	0.6	0.4	0.3	0.1	0.0
82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
80°	1.8	1.4	1.1	0.8	0.6	0.3	0.0
77.5°	3.0	1.9	1.4	1.0	0.7	0.3	0.0
75°	4.2	2.8	1.7	1.2	0.8	0.4	0.0
72.5°	5.4	3.6	2.3	1.4	1.0	0.5	0.0
70°	6.6	4.5	2.8	1.7	1.1	0.5	0.0
67.5°	8.6	5.2	3.4	2.0	1.2	0.6	0.0
65°	10.5	6.3	3.9	2.3	1.4	0.7	0.0
62.5°	12.3	7.5	4.4	2.6	1.5	0.7	0.0
60°	13.9	8.7	4.8	2.9	1.6	0.8	0.0
57.5°	15.5	9.7	5.5	3.2	1.8	0.9	0.0
55°	16.9	10.6	6.1	3.4	1.9	0.9	0.0
52.5°	18.2	11.4	6.6	3.6	2.1	1.0	0.0
50°	19.2	12.2	7.1	3.8	2.2	1.0	0.0
47.5°	20.2	12.8	7.5	4.0	2.4	1.1	0.0
45°	21.8	13.2	7.8	4.2	2.5	1.1	0.0
42.5°	23.1	13.5	8.0	4.4	2.6	1.2	0.0
40°	24.2	13.7	8.2	4.6	2.8	1.2	0.0
37.5°	25.0	13.7	8.2	4.9	2.9	1.3	0.0
35°	25.6	14.0	8.2	5.1	3.0	1.3	0.0
32.5°	25.7	14.3	8.1	5.3	3.1	1.3	0.0
30°	25.2	14.5	7.9	5.5	3.2	1.4	0.0
27.5°	24.5	14.5	8.1	5.6	3.3	1.4	0.0
25°	23.6	14.3	8.3	5.8	3.4	1.5	0.0
22.5°	22.6	14.3	8.6	6.0	3.5	1.5	0.0
20°	21.3	15.0	8.8	6.1	3.5	1.5	0.0
17.5°	21.1	15.6	9.0	6.2	3.6	1.5	0.0
15°	21.5	16.1	9.2	6.3	3.6	1.5	0.0
12.5°	21.9	16.5	9.3	6.4	3.7	1.6	0.0
10°	22.2	16.9	9.5	6.5	3.7	1.6	0.0
7.5°	22.5	17.2	9.6	6.5	3.8	1.6	0.0
5°	22.7	17.4	9.7	6.6	3.8	1.6	0.0
2.5°	22.9	17.5	9.8	6.6	3.8	1.6	0.0
0°	23.0	17.5	9.9	6.6	3.8	1.6	0.0
-2.5°	22.9	17.5	9.8	6.6	3.8	1.6	0.0
-5°	22.7	17.4	9.7	6.6	3.8	1.6	0.0
-7.5°	22.5	17.2	9.6	6.5	3.8	1.6	0.0
-10°	22.2	16.9	9.5	6.5	3.7	1.6	0.0
-12.5°	21.9	16.5	9.3	6.4	3.7	1.6	0.0
-15°	21.5	16.1	9.2	6.3	3.6	1.5	0.0
-17.5°	21.1	15.6	9.0	6.2	3.6	1.5	0.0
-20°	21.3	15.0	8.8	6.1	3.5	1.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22.6	14.3	8.6	6.0	3.5	1.5	0.0
-25°	23.6	14.3	8.3	5.8	3.4	1.5	0.0
-27.5°	24.5	14.5	8.1	5.6	3.3	1.4	0.0
-30°	25.2	14.5	7.9	5.5	3.2	1.4	0.0
-32.5°	25.7	14.3	8.1	5.3	3.1	1.3	0.0
-35°	25.6	14.0	8.2	5.1	3.0	1.3	0.0
-37.5°	25.0	13.7	8.2	4.9	2.9	1.3	0.0
-40°	24.2	13.7	8.2	4.6	2.8	1.2	0.0
-42.5°	23.1	13.5	8.0	4.4	2.6	1.2	0.0
-45°	21.8	13.2	7.8	4.2	2.5	1.1	0.0
-47.5°	20.2	12.8	7.5	4.0	2.4	1.1	0.0
-50°	19.2	12.2	7.1	3.8	2.2	1.0	0.0
-52.5°	18.2	11.4	6.6	3.6	2.1	1.0	0.0
-55°	16.9	10.6	6.1	3.4	1.9	0.9	0.0
-57.5°	15.5	9.7	5.5	3.2	1.8	0.9	0.0
-60°	13.9	8.7	4.8	2.9	1.6	0.8	0.0
-62.5°	12.3	7.5	4.4	2.6	1.5	0.7	0.0
-65°	10.5	6.3	3.9	2.3	1.4	0.7	0.0
-67.5°	8.6	5.2	3.4	2.0	1.2	0.6	0.0
-70°	6.6	4.5	2.8	1.7	1.1	0.5	0.0
-72.5°	5.4	3.6	2.3	1.4	1.0	0.5	0.0
-75°	4.2	2.8	1.7	1.2	0.8	0.4	0.0
-77.5°	3.0	1.9	1.4	1.0	0.7	0.3	0.0
-80°	1.8	1.4	1.1	0.8	0.6	0.3	0.0
-82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-85°	0.8	0.7	0.6	0.4	0.3	0.1	0.0
-87.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)