

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: P558827 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-930-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558827 (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-SA3D-930-U-WR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (48) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

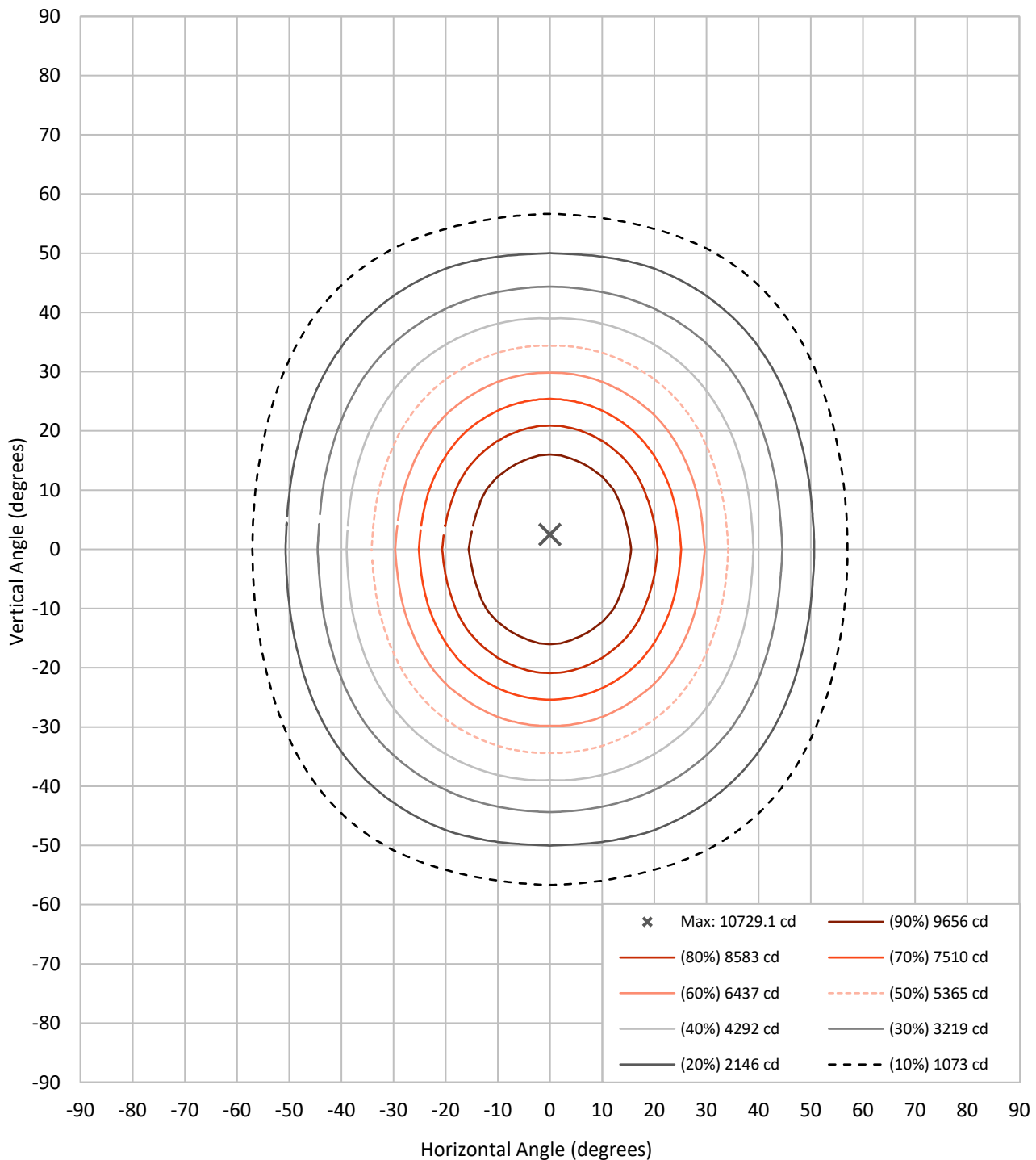
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	14520.8 lumens	Max Intensity:	10729.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	91.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	8706.3 lumens	Field Lumens:	13871.3 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

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



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Iso-Candela Plot





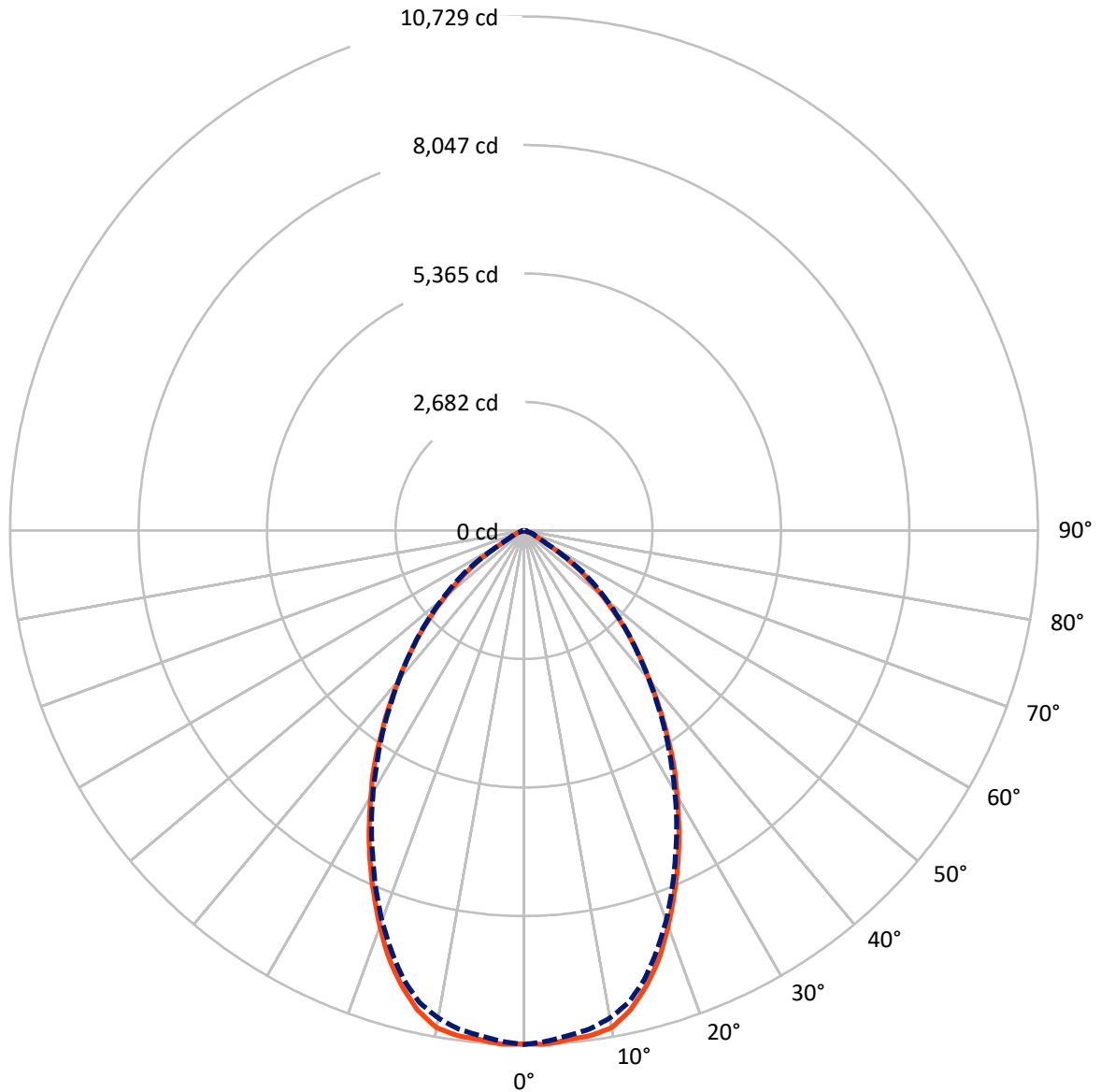
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Lumen Table

90																			
80	0.1	1.4		3.5		6.1		4.3		6.1		3.5		1.4		0.1			
70																			
60	0.7	1.0	1.9	3.1	4.5	5.9	7.2	8.1	8.1	7.2	5.9	4.5	3.1	1.9	1.0	0.7			
50		1.6	3.3	5.8	11.3	21.8	32.7	39.2	39.2	32.7	21.8	11.3	5.8	3.3	1.6				
40	1.1	2.1	4.8	13.9	36.6	60.9	81.0	92.3	92.3	81.0	60.9	36.6	13.9	4.8	2.1	1.1			
30		2.6	8.2	32.1	65.7	102.6	135.9	155.9	155.9	135.9	102.6	65.7	32.1	8.2	2.6				
20	1.2	3.1	14.9	48.5	93.2	145.9	195.0	225.9	225.9	195.0	145.9	93.2	48.5	14.9	3.1	1.2			
10		3.7	21.2	60.4	114.9	182.3	248.3	290.1	290.1	248.3	182.3	114.9	60.4	21.2	3.7				
0	1.3	4.0	24.8	66.7	127.1	203.7	278.9	318.8	318.8	278.9	203.7	127.1	66.7	24.8	4.0	1.3			
-10		4.0	24.8	66.7	127.1	203.7	278.9	318.8	318.8	278.9	203.7	127.1	66.7	24.8	4.0				
-20	1.2	3.7	21.2	60.4	114.9	182.3	248.3	290.1	290.1	248.3	182.3	114.9	60.4	21.2	3.7	1.2			
-30		3.1	14.9	48.5	93.2	145.9	195.0	225.9	225.9	195.0	145.9	93.2	48.5	14.9	3.1				
-40	1.1	2.6	8.2	32.1	65.7	102.6	135.9	155.9	155.9	135.9	102.6	65.7	32.1	8.2	2.6	1.1			
-50		2.1	4.8	13.9	36.6	60.9	81.0	92.3	92.3	81.0	60.9	36.6	13.9	4.8	2.1				
-60	0.7	1.6	3.3	5.8	11.3	21.8	32.7	39.2	39.2	32.7	21.8	11.3	5.8	3.3	1.6	0.7			
-70		1.0	1.9	3.1	4.5	5.9	7.2	8.1	8.1	7.2	5.9	4.5	3.1	1.9	1.0				
-80																			
-90	0.1	1.4		3.5		6.1		4.3		6.1		3.5		1.4		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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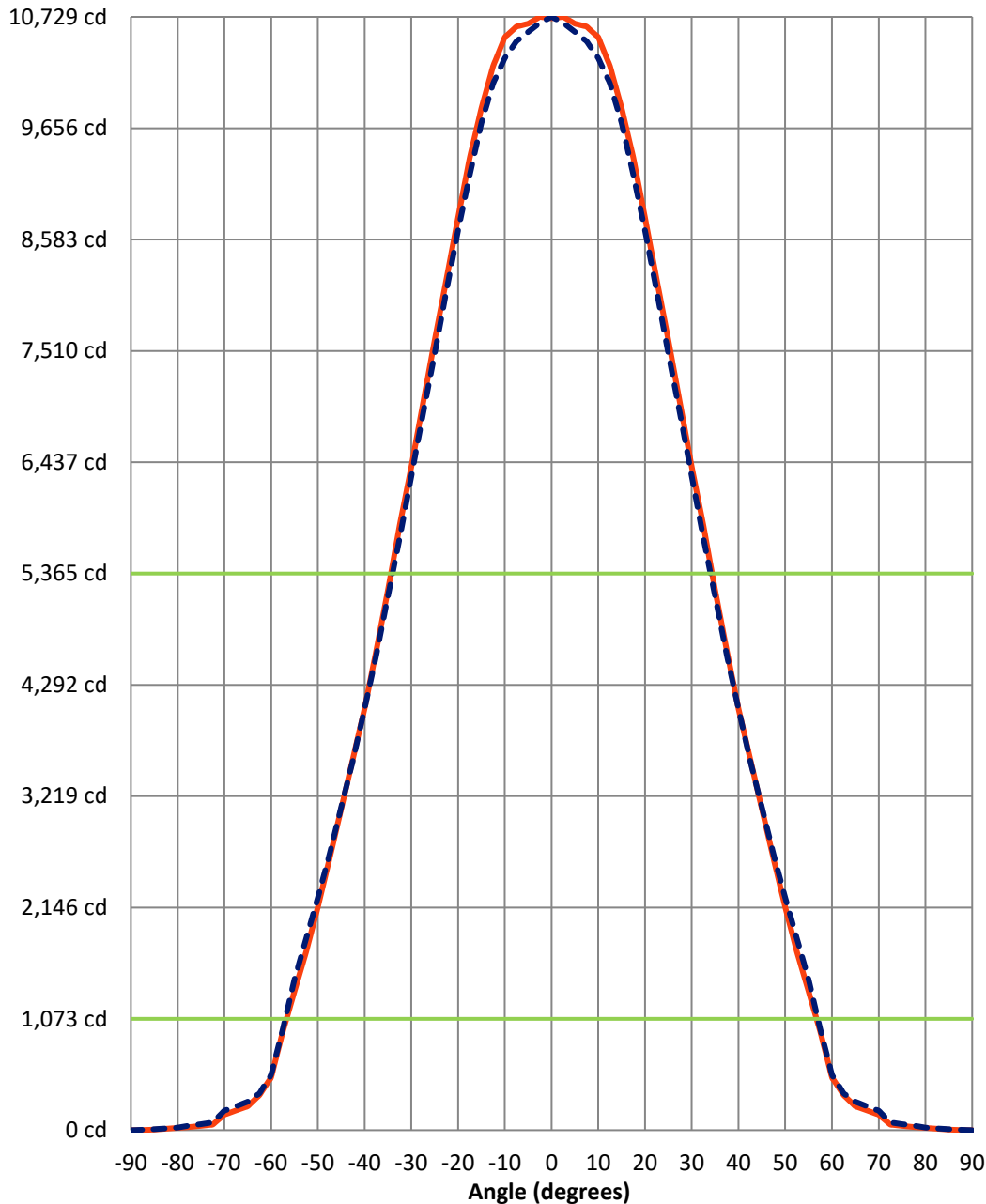
Luminous Intensity Polar Plot



— 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: 8706.3
 Efficiency: 60.0%

Field:
 H Angle: 114°
 V Angle: 113.4°
 Lumens: 13871.3
 Efficiency: 95.5%

Spill:
 Lumens: 649.6
 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	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.7
85°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.1	3.5
82.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.4	6.1	7.7
80°	0.0	0.7	1.4	2.1	2.8	3.5	4.5	6.6	8.8	11.1	13.5
77.5°	0.0	0.9	1.8	2.7	3.5	4.9	7.6	10.4	13.2	16.2	20.2
75°	0.0	1.1	2.1	3.2	4.4	7.1	10.6	14.1	17.9	23.9	29.8
72.5°	0.0	1.2	2.5	3.7	5.8	9.2	13.6	18.6	25.6	32.5	39.4
70°	0.0	1.4	2.8	4.3	7.2	11.3	16.7	25.3	33.2	41.1	52.4
67.5°	0.0	1.6	3.1	5.1	8.6	13.2	21.8	31.8	40.7	52.6	65.9
65°	0.0	1.7	3.5	5.9	9.9	15.8	26.5	38.3	50.0	63.6	78.6
62.5°	0.0	1.9	3.8	6.7	11.1	18.9	30.9	45.2	58.8	74.4	90.9
60°	0.0	2.0	4.1	7.4	12.2	21.8	34.9	52.2	67.2	86.0	103.2
57.5°	0.0	2.2	4.5	8.1	13.9	24.4	39.0	58.4	77.4	97.7	113.4
55°	0.0	2.4	4.9	8.7	15.4	26.7	42.6	63.3	88.2	108.7	122.7
52.5°	0.0	2.5	5.3	9.3	16.8	28.7	45.7	70.5	98.8	117.2	132.0
50°	0.0	2.6	5.7	9.8	17.9	30.6	48.3	77.2	108.6	125.7	141.8
47.5°	0.0	2.8	6.1	10.3	18.9	32.1	50.7	83.0	116.2	134.2	151.0
45°	0.0	2.9	6.4	10.8	19.7	33.2	54.8	87.9	119.5	141.8	159.7
42.5°	0.0	3.0	6.8	11.2	20.2	34.0	58.3	90.7	121.6	148.9	169.2
40°	0.0	3.1	7.1	11.7	20.6	34.4	61.0	91.8	122.9	154.9	178.6
37.5°	0.0	3.3	7.4	12.3	20.7	34.4	63.0	92.1	124.2	157.5	187.7
35°	0.0	3.4	7.7	12.8	20.7	35.1	64.4	91.6	125.5	163.3	196.8
32.5°	0.0	3.5	7.9	13.3	20.4	36.1	64.7	90.3	126.7	170.6	205.8
30°	0.0	3.6	8.2	13.8	19.8	36.5	63.5	89.0	128.0	179.4	214.3
27.5°	0.0	3.6	8.4	14.2	20.4	36.6	61.7	89.3	131.1	189.4	222.3
25°	0.0	3.7	8.6	14.7	21.0	36.1	59.5	89.3	137.9	197.4	229.9
22.5°	0.0	3.8	8.8	15.0	21.5	36.1	56.8	89.1	145.1	203.4	239.6
20°	0.0	3.9	9.0	15.3	22.1	37.8	53.6	88.6	152.5	208.9	248.2
17.5°	0.0	3.9	9.2	15.6	22.6	39.3	53.1	87.8	159.9	213.9	255.8
15°	0.0	4.0	9.3	15.9	23.0	40.6	54.1	87.3	167.2	218.2	262.2
12.5°	0.0	4.0	9.4	16.1	23.5	41.7	55.1	86.8	173.6	221.9	267.6
10°	0.0	4.0	9.5	16.3	23.8	42.6	55.9	85.0	178.9	224.8	271.6
7.5°	0.0	4.1	9.6	16.4	24.2	43.2	56.6	82.3	183.1	227.1	273.9
5°	0.0	4.1	9.7	16.5	24.4	43.7	57.2	78.8	186.1	228.8	275.2
2.5°	0.0	4.1	9.7	16.6	24.6	44.0	57.6	74.8	187.7	229.9	275.3
0°	0.0	4.1	9.7	16.6	24.8	44.1	57.9	70.3	187.6	230.3	274.5
-2.5°	0.0	4.1	9.7	16.6	24.6	44.0	57.6	74.8	187.7	229.9	275.3
-5°	0.0	4.1	9.7	16.5	24.4	43.7	57.2	78.8	186.1	228.8	275.2
-7.5°	0.0	4.1	9.6	16.4	24.2	43.2	56.6	82.3	183.1	227.1	273.9
-10°	0.0	4.0	9.5	16.3	23.8	42.6	55.9	85.0	178.9	224.8	271.6
-12.5°	0.0	4.0	9.4	16.1	23.5	41.7	55.1	86.8	173.6	221.9	267.6
-15°	0.0	4.0	9.3	15.9	23.0	40.6	54.1	87.3	167.2	218.2	262.2
-17.5°	0.0	3.9	9.2	15.6	22.6	39.3	53.1	87.8	159.9	213.9	255.8
-20°	0.0	3.9	9.0	15.3	22.1	37.8	53.6	88.6	152.5	208.9	248.2



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 CATALOG NUMBER: GFLD-SA3D-930-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	3.8	8.8	15.0	21.5	36.1	56.8	89.1	145.1	203.4	239.6
-25°	0.0	3.7	8.6	14.7	21.0	36.1	59.5	89.3	137.9	197.4	229.9
-27.5°	0.0	3.6	8.4	14.2	20.4	36.6	61.7	89.3	131.1	189.4	222.3
-30°	0.0	3.6	8.2	13.8	19.8	36.5	63.5	89.0	128.0	179.4	214.3
-32.5°	0.0	3.5	7.9	13.3	20.4	36.1	64.7	90.3	126.7	170.6	205.8
-35°	0.0	3.4	7.7	12.8	20.7	35.1	64.4	91.6	125.5	163.3	196.8
-37.5°	0.0	3.3	7.4	12.3	20.7	34.4	63.0	92.1	124.2	157.5	187.7
-40°	0.0	3.1	7.1	11.7	20.6	34.4	61.0	91.8	122.9	154.9	178.6
-42.5°	0.0	3.0	6.8	11.2	20.2	34.0	58.3	90.7	121.6	148.9	169.2
-45°	0.0	2.9	6.4	10.8	19.7	33.2	54.8	87.9	119.5	141.8	159.7
-47.5°	0.0	2.8	6.1	10.3	18.9	32.1	50.7	83.0	116.2	134.2	151.0
-50°	0.0	2.6	5.7	9.8	17.9	30.6	48.3	77.2	108.6	125.7	141.8
-52.5°	0.0	2.5	5.3	9.3	16.8	28.7	45.7	70.5	98.8	117.2	132.0
-55°	0.0	2.4	4.9	8.7	15.4	26.7	42.6	63.3	88.2	108.7	122.7
-57.5°	0.0	2.2	4.5	8.1	13.9	24.4	39.0	58.4	77.4	97.7	113.4
-60°	0.0	2.0	4.1	7.4	12.2	21.8	34.9	52.2	67.2	86.0	103.2
-62.5°	0.0	1.9	3.8	6.7	11.1	18.9	30.9	45.2	58.8	74.4	90.9
-65°	0.0	1.7	3.5	5.9	9.9	15.8	26.5	38.3	50.0	63.6	78.6
-67.5°	0.0	1.6	3.1	5.1	8.6	13.2	21.8	31.8	40.7	52.6	65.9
-70°	0.0	1.4	2.8	4.3	7.2	11.3	16.7	25.3	33.2	41.1	52.4
-72.5°	0.0	1.2	2.5	3.7	5.8	9.2	13.6	18.6	25.6	32.5	39.4
-75°	0.0	1.1	2.1	3.2	4.4	7.1	10.6	14.1	17.9	23.9	29.8
-77.5°	0.0	0.9	1.8	2.7	3.5	4.9	7.6	10.4	13.2	16.2	20.2
-80°	0.0	0.7	1.4	2.1	2.8	3.5	4.5	6.6	8.8	11.1	13.5
-82.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.4	6.1	7.7
-85°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.1	3.5
-87.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.7
-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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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°	1.7	1.7	1.7	1.6	1.7	1.8	1.9	2.0	1.8	1.6	1.4
85°	3.5	3.5	3.9	4.2	4.7	5.0	5.1	5.1	5.7	6.5	7.4
82.5°	8.7	9.3	9.7	9.8	9.9	9.9	9.8	9.7	12.0	14.9	18.1
80°	14.7	15.3	17.6	20.1	21.4	21.4	20.2	18.1	21.4	26.7	33.2
77.5°	23.9	27.5	31.1	34.9	35.7	33.9	30.9	26.8	31.6	41.1	51.8
75°	34.8	39.6	45.0	49.1	49.1	46.2	42.3	41.5	49.5	61.0	70.6
72.5°	47.6	54.6	59.8	63.3	63.0	62.5	64.0	67.5	74.0	82.5	89.8
70°	63.0	70.0	73.9	75.7	76.4	80.2	85.9	90.2	94.9	103.2	110.8
67.5°	78.3	83.7	87.1	89.4	95.9	103.2	108.9	114.1	119.9	128.4	135.4
65°	91.9	97.4	102.2	109.4	118.8	125.7	132.5	139.6	149.6	159.1	164.9
62.5°	105.3	111.1	118.4	128.1	138.3	147.2	158.3	170.8	183.9	193.6	204.8
60°	115.6	123.9	134.3	145.8	158.0	172.4	186.7	201.3	214.7	227.8	244.2
57.5°	125.4	137.4	150.3	163.9	180.0	198.0	215.4	231.2	248.1	266.3	284.8
55°	136.2	151.8	166.2	182.5	202.1	225.0	244.3	263.0	283.2	313.8	340.5
52.5°	147.9	165.3	181.6	201.4	225.8	250.2	272.2	298.4	332.2	377.6	451.4
50°	159.1	177.7	196.8	222.4	248.7	274.5	306.2	342.8	410.4	495.2	643.6
47.5°	170.1	189.9	215.1	242.8	271.5	305.4	345.7	425.7	517.8	729.0	939.4
45°	181.1	204.6	232.4	263.8	298.0	340.7	424.3	523.0	773.8	1016.6	1269.6
42.5°	191.9	219.3	251.1	284.6	329.3	406.4	514.2	774.8	1046.3	1325.2	1568.0
40°	204.0	233.1	269.9	312.3	371.4	488.5	730.5	1023.9	1329.9	1593.3	1829.5
37.5°	215.5	249.8	289.8	339.3	445.4	640.9	952.8	1278.1	1574.4	1831.8	2084.2
35°	226.0	266.1	313.8	387.9	518.0	840.2	1178.2	1509.1	1792.3	2067.1	2343.2
32.5°	238.4	281.8	336.8	452.3	684.4	1032.6	1392.2	1707.5	2004.1	2297.2	2612.5
30°	252.0	301.3	368.8	513.7	849.3	1219.5	1575.8	1897.8	2205.4	2530.9	2868.6
27.5°	264.8	320.1	421.9	632.8	1004.3	1394.0	1742.7	2074.2	2404.3	2750.9	3114.5
25°	276.5	338.0	471.6	763.5	1153.9	1542.8	1896.4	2233.7	2590.1	2966.9	3349.4
22.5°	289.1	355.4	516.5	882.4	1290.7	1675.4	2032.1	2389.7	2767.0	3166.3	3565.3
20°	302.7	392.6	590.3	992.3	1415.1	1795.8	2153.9	2534.7	2932.5	3346.0	3767.5
17.5°	315.1	425.4	678.5	1096.4	1519.7	1900.5	2263.5	2666.0	3076.4	3508.7	3952.6
15°	326.2	453.9	756.2	1188.6	1608.4	1989.4	2370.4	2782.5	3204.3	3654.5	4115.7
12.5°	336.0	477.9	823.0	1268.3	1683.3	2065.5	2460.2	2880.8	3318.2	3782.1	4262.6
10°	344.3	497.6	878.6	1334.9	1744.2	2128.3	2532.4	2962.6	3409.0	3884.8	4381.1
7.5°	349.6	513.7	922.5	1388.1	1791.2	2177.4	2586.8	3027.1	3475.3	3964.9	4470.7
5°	353.0	526.9	954.3	1427.5	1825.4	2214.5	2626.0	3073.4	3517.9	4021.2	4531.0
2.5°	354.7	536.0	973.6	1452.7	1846.9	2240.5	2658.4	3114.0	3562.7	4061.2	4577.6
0°	354.5	540.7	980.6	1463.4	1855.1	2252.3	2674.3	3135.0	3591.5	4078.4	4609.4
-2.5°	354.7	536.0	973.6	1452.7	1846.9	2240.5	2658.4	3114.0	3562.7	4061.2	4577.6
-5°	353.0	526.9	954.3	1427.5	1825.4	2214.5	2626.0	3073.4	3517.9	4021.2	4531.0
-7.5°	349.6	513.7	922.5	1388.1	1791.2	2177.4	2586.8	3027.1	3475.3	3964.9	4470.7
-10°	344.3	497.6	878.6	1334.9	1744.2	2128.3	2532.4	2962.6	3409.0	3884.8	4381.1
-12.5°	336.0	477.9	823.0	1268.3	1683.3	2065.5	2460.2	2880.8	3318.2	3782.1	4262.6
-15°	326.2	453.9	756.2	1188.6	1608.4	1989.4	2370.4	2782.5	3204.3	3654.5	4115.7
-17.5°	315.1	425.4	678.5	1096.4	1519.7	1900.5	2263.5	2666.0	3076.4	3508.7	3952.6
-20°	302.7	392.6	590.3	992.3	1415.1	1795.8	2153.9	2534.7	2932.5	3346.0	3767.5



REPORT NUMBER: P558827 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-930-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°	289.1	355.4	516.5	882.4	1290.7	1675.4	2032.1	2389.7	2767.0	3166.3	3565.3
-25°	276.5	338.0	471.6	763.5	1153.9	1542.8	1896.4	2233.7	2590.1	2966.9	3349.4
-27.5°	264.8	320.1	421.9	632.8	1004.3	1394.0	1742.7	2074.2	2404.3	2750.9	3114.5
-30°	252.0	301.3	368.8	513.7	849.3	1219.5	1575.8	1897.8	2205.4	2530.9	2868.6
-32.5°	238.4	281.8	336.8	452.3	684.4	1032.6	1392.2	1707.5	2004.1	2297.2	2612.5
-35°	226.0	266.1	313.8	387.9	518.0	840.2	1178.2	1509.1	1792.3	2067.1	2343.2
-37.5°	215.5	249.8	289.8	339.3	445.4	640.9	952.8	1278.1	1574.4	1831.8	2084.2
-40°	204.0	233.1	269.9	312.3	371.4	488.5	730.5	1023.9	1329.9	1593.3	1829.5
-42.5°	191.9	219.3	251.1	284.6	329.3	406.4	514.2	774.8	1046.3	1325.2	1568.0
-45°	181.1	204.6	232.4	263.8	298.0	340.7	424.3	523.0	773.8	1016.6	1269.6
-47.5°	170.1	189.9	215.1	242.8	271.5	305.4	345.7	425.7	517.8	729.0	939.4
-50°	159.1	177.7	196.8	222.4	248.7	274.5	306.2	342.8	410.4	495.2	643.6
-52.5°	147.9	165.3	181.6	201.4	225.8	250.2	272.2	298.4	332.2	377.6	451.4
-55°	136.2	151.8	166.2	182.5	202.1	225.0	244.3	263.0	283.2	313.8	340.5
-57.5°	125.4	137.4	150.3	163.9	180.0	198.0	215.4	231.2	248.1	266.3	284.8
-60°	115.6	123.9	134.3	145.8	158.0	172.4	186.7	201.3	214.7	227.8	244.2
-62.5°	105.3	111.1	118.4	128.1	138.3	147.2	158.3	170.8	183.9	193.6	204.8
-65°	91.9	97.4	102.2	109.4	118.8	125.7	132.5	139.6	149.6	159.1	164.9
-67.5°	78.3	83.7	87.1	89.4	95.9	103.2	108.9	114.1	119.9	128.4	135.4
-70°	63.0	70.0	73.9	75.7	76.4	80.2	85.9	90.2	94.9	103.2	110.8
-72.5°	47.6	54.6	59.8	63.3	63.0	62.5	64.0	67.5	74.0	82.5	89.8
-75°	34.8	39.6	45.0	49.1	49.1	46.2	42.3	41.5	49.5	61.0	70.6
-77.5°	23.9	27.5	31.1	34.9	35.7	33.9	30.9	26.8	31.6	41.1	51.8
-80°	14.7	15.3	17.6	20.1	21.4	21.4	20.2	18.1	21.4	26.7	33.2
-82.5°	8.7	9.3	9.7	9.8	9.9	9.9	9.8	9.7	12.0	14.9	18.1
-85°	3.5	3.5	3.9	4.2	4.7	5.0	5.1	5.1	5.7	6.5	7.4
-87.5°	1.7	1.7	1.7	1.6	1.7	1.8	1.9	2.0	1.8	1.6	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



REPORT NUMBER: P558827 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-930-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°	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4
85°	8.4	8.3	8.0	7.6	7.0	7.2	7.5	7.7	7.8	7.3	6.7
82.5°	21.6	23.2	24.7	26.4	28.1	27.8	27.0	25.9	24.5	21.8	18.8
80°	40.5	44.3	46.9	48.9	50.5	49.0	46.6	43.9	40.9	36.3	31.3
77.5°	62.9	66.7	68.7	71.1	73.7	74.3	74.4	74.7	75.0	66.5	55.8
75°	78.2	83.2	87.3	91.0	94.2	95.9	96.9	97.9	98.9	87.7	73.0
72.5°	96.0	100.9	104.9	108.9	112.4	115.1	117.2	118.9	120.2	111.2	98.3
70°	117.0	121.9	126.4	130.6	134.6	138.2	141.5	144.6	147.4	147.9	148.5
67.5°	140.6	143.6	149.0	154.2	160.4	164.9	169.9	174.7	179.0	182.7	185.8
65°	170.0	180.4	190.9	196.1	196.5	203.1	213.4	219.1	220.8	222.1	225.3
62.5°	219.1	232.5	239.6	248.9	261.6	275.4	280.7	288.3	297.5	308.0	317.5
60°	258.1	269.6	286.6	304.0	319.4	333.4	367.4	397.6	423.5	445.8	467.2
57.5°	306.6	325.4	351.5	398.5	441.5	480.4	546.9	628.0	700.4	763.7	819.3
55°	383.8	438.7	488.2	599.2	717.8	820.4	916.5	1019.3	1103.0	1168.4	1228.9
52.5°	515.5	666.7	819.9	964.0	1105.7	1234.6	1350.4	1441.5	1512.6	1566.0	1616.5
50°	825.3	1007.5	1194.1	1366.0	1505.2	1632.3	1752.8	1843.2	1918.8	1983.8	2041.4
47.5°	1163.0	1376.3	1552.6	1711.2	1861.2	2002.2	2134.0	2244.0	2337.1	2423.0	2494.5
45°	1499.1	1689.8	1870.7	2040.7	2203.9	2362.1	2503.9	2628.9	2752.1	2853.9	2934.5
42.5°	1783.2	1985.2	2177.5	2372.1	2554.7	2732.1	2903.3	3055.5	3186.3	3297.6	3387.2
40°	2056.0	2273.7	2502.2	2718.3	2935.0	3137.4	3327.1	3500.8	3649.9	3781.7	3893.1
37.5°	2333.6	2587.8	2838.8	3085.1	3323.9	3544.0	3761.8	3962.1	4136.8	4291.0	4420.4
35°	2626.6	2906.7	3179.9	3457.3	3718.1	3972.9	4213.6	4434.1	4627.6	4809.2	4965.3
32.5°	2920.1	3223.6	3531.2	3831.4	4120.3	4405.6	4669.6	4918.2	5146.9	5347.9	5514.6
30°	3205.9	3540.0	3869.1	4196.2	4525.9	4836.7	5129.2	5402.2	5650.4	5869.3	6058.7
27.5°	3480.0	3839.3	4192.3	4566.4	4924.6	5262.8	5580.5	5874.1	6151.1	6400.1	6615.0
25°	3733.8	4115.5	4526.8	4919.1	5302.5	5677.6	6025.6	6344.6	6661.2	6935.2	7168.6
22.5°	3973.5	4399.4	4832.5	5244.0	5667.0	6079.4	6469.0	6838.6	7176.8	7463.9	7712.8
20°	4201.4	4659.8	5106.1	5561.7	6019.7	6464.6	6893.6	7288.6	7646.0	7958.9	8239.5
17.5°	4416.8	4891.0	5365.4	5851.8	6346.4	6814.2	7268.7	7698.4	8088.6	8435.7	8752.1
15°	4603.0	5093.1	5601.0	6118.0	6635.3	7132.7	7615.1	8083.3	8522.2	8900.0	9219.0
12.5°	4761.3	5271.8	5809.1	6351.5	6896.9	7418.2	7929.6	8430.5	8897.1	9303.2	9630.8
10°	4892.6	5427.5	5988.6	6553.6	7113.0	7654.7	8186.6	8704.8	9206.0	9626.9	9963.4
7.5°	5002.0	5557.4	6131.5	6713.6	7278.0	7840.6	8395.2	8918.7	9412.5	9856.4	10202.2
5°	5083.7	5648.4	6234.7	6831.2	7404.3	7986.9	8558.1	9093.8	9582.6	9984.9	10267.2
2.5°	5144.5	5705.1	6301.6	6902.1	7482.8	8086.4	8669.8	9206.0	9706.4	10087.2	10331.6
0°	5185.9	5736.2	6362.4	6951.3	7541.6	8160.9	8737.4	9279.5	9781.5	10153.9	10406.3
-2.5°	5144.5	5705.1	6301.6	6902.1	7482.8	8086.4	8669.8	9206.0	9706.4	10087.2	10331.6
-5°	5083.7	5648.4	6234.7	6831.2	7404.3	7986.9	8558.1	9093.8	9582.6	9984.9	10267.2
-7.5°	5002.0	5557.4	6131.5	6713.6	7278.0	7840.6	8395.2	8918.7	9412.5	9856.4	10202.2
-10°	4892.6	5427.5	5988.6	6553.6	7113.0	7654.7	8186.6	8704.8	9206.0	9626.9	9963.4
-12.5°	4761.3	5271.8	5809.1	6351.5	6896.9	7418.2	7929.6	8430.5	8897.1	9303.2	9630.8
-15°	4603.0	5093.1	5601.0	6118.0	6635.3	7132.7	7615.1	8083.3	8522.2	8900.0	9219.0
-17.5°	4416.8	4891.0	5365.4	5851.8	6346.4	6814.2	7268.7	7698.4	8088.6	8435.7	8752.1
-20°	4201.4	4659.8	5106.1	5561.7	6019.7	6464.6	6893.6	7288.6	7646.0	7958.9	8239.5



REPORT NUMBER: P558827 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-930-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3973.5	4399.4	4832.5	5244.0	5667.0	6079.4	6469.0	6838.6	7176.8	7463.9	7712.8
-25°	3733.8	4115.5	4526.8	4919.1	5302.5	5677.6	6025.6	6344.6	6661.2	6935.2	7168.6
-27.5°	3480.0	3839.3	4192.3	4566.4	4924.6	5262.8	5580.5	5874.1	6151.1	6400.1	6615.0
-30°	3205.9	3540.0	3869.1	4196.2	4525.9	4836.7	5129.2	5402.2	5650.4	5869.3	6058.7
-32.5°	2920.1	3223.6	3531.2	3831.4	4120.3	4405.6	4669.6	4918.2	5146.9	5347.9	5514.6
-35°	2626.6	2906.7	3179.9	3457.3	3718.1	3972.9	4213.6	4434.1	4627.6	4809.2	4965.3
-37.5°	2333.6	2587.8	2838.8	3085.1	3323.9	3544.0	3761.8	3962.1	4136.8	4291.0	4420.4
-40°	2056.0	2273.7	2502.2	2718.3	2935.0	3137.4	3327.1	3500.8	3649.9	3781.7	3893.1
-42.5°	1783.2	1985.2	2177.5	2372.1	2554.7	2732.1	2903.3	3055.5	3186.3	3297.6	3387.2
-45°	1499.1	1689.8	1870.7	2040.7	2203.9	2362.1	2503.9	2628.9	2752.1	2853.9	2934.5
-47.5°	1163.0	1376.3	1552.6	1711.2	1861.2	2002.2	2134.0	2244.0	2337.1	2423.0	2494.5
-50°	825.3	1007.5	1194.1	1366.0	1505.2	1632.3	1752.8	1843.2	1918.8	1983.8	2041.4
-52.5°	515.5	666.7	819.9	964.0	1105.7	1234.6	1350.4	1441.5	1512.6	1566.0	1616.5
-55°	383.8	438.7	488.2	599.2	717.8	820.4	916.5	1019.3	1103.0	1168.4	1228.9
-57.5°	306.6	325.4	351.5	398.5	441.5	480.4	546.9	628.0	700.4	763.7	819.3
-60°	258.1	269.6	286.6	304.0	319.4	333.4	367.4	397.6	423.5	445.8	467.2
-62.5°	219.1	232.5	239.6	248.9	261.6	275.4	280.7	288.3	297.5	308.0	317.5
-65°	170.0	180.4	190.9	196.1	196.5	203.1	213.4	219.1	220.8	222.1	225.3
-67.5°	140.6	143.6	149.0	154.2	160.4	164.9	169.9	174.7	179.0	182.7	185.8
-70°	117.0	121.9	126.4	130.6	134.6	138.2	141.5	144.6	147.4	147.9	148.5
-72.5°	96.0	100.9	104.9	108.9	112.4	115.1	117.2	118.9	120.2	111.2	98.3
-75°	78.2	83.2	87.3	91.0	94.2	95.9	96.9	97.9	98.9	87.7	73.0
-77.5°	62.9	66.7	68.7	71.1	73.7	74.3	74.4	74.7	75.0	66.5	55.8
-80°	40.5	44.3	46.9	48.9	50.5	49.0	46.6	43.9	40.9	36.3	31.3
-82.5°	21.6	23.2	24.7	26.4	28.1	27.8	27.0	25.9	24.5	21.8	18.8
-85°	8.4	8.3	8.0	7.6	7.0	7.2	7.5	7.7	7.8	7.3	6.7
-87.5°	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	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



REPORT NUMBER: P558827 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-930-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°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
85°	6.1	5.5	5.5	5.5	5.5	5.5	6.1	6.7	7.3	7.8	7.7
82.5°	15.7	12.4	13.1	13.8	13.1	12.4	15.7	18.8	21.8	24.5	25.9
80°	26.1	20.7	21.4	22.1	21.4	20.7	26.1	31.3	36.3	40.9	43.9
77.5°	44.2	32.1	31.0	30.3	31.0	32.1	44.2	55.8	66.5	75.0	74.7
75°	57.8	42.3	41.3	41.4	41.3	42.3	57.8	73.0	87.7	98.9	97.9
72.5°	85.4	72.2	63.0	53.8	63.0	72.2	85.4	98.3	111.2	120.2	118.9
70°	150.1	152.0	151.2	149.0	151.2	152.0	150.1	148.5	147.9	147.4	144.6
67.5°	188.3	190.3	190.7	190.3	190.7	190.3	188.3	185.8	182.7	179.0	174.7
65°	227.6	228.9	229.9	230.3	229.9	228.9	227.6	225.3	222.1	220.8	219.1
62.5°	324.6	329.4	334.4	337.9	334.4	329.4	324.6	317.5	308.0	297.5	288.3
60°	486.0	501.5	508.3	508.9	508.3	501.5	486.0	467.2	445.8	423.5	397.6
57.5°	863.8	897.0	926.7	948.9	926.7	897.0	863.8	819.3	763.7	700.4	628.0
55°	1277.1	1312.5	1332.5	1337.9	1332.5	1312.5	1277.1	1228.9	1168.4	1103.0	1019.3
52.5°	1654.8	1678.4	1700.7	1719.9	1700.7	1678.4	1654.8	1616.5	1566.0	1512.6	1441.5
50°	2084.9	2111.1	2133.2	2150.2	2133.2	2111.1	2084.9	2041.4	1983.8	1918.8	1843.2
47.5°	2544.7	2576.9	2600.5	2616.4	2600.5	2576.9	2544.7	2494.5	2423.0	2337.1	2244.0
45°	3003.5	3058.5	3091.9	3097.8	3091.9	3058.5	3003.5	2934.5	2853.9	2752.1	2628.9
42.5°	3464.6	3517.3	3552.8	3579.1	3552.8	3517.3	3464.6	3387.2	3297.6	3186.3	3055.5
40°	3986.1	4052.3	4082.6	4063.2	4082.6	4052.3	3986.1	3893.1	3781.7	3649.9	3500.8
37.5°	4520.3	4588.3	4623.4	4621.8	4623.4	4588.3	4520.3	4420.4	4291.0	4136.8	3962.1
35°	5086.7	5171.1	5216.7	5205.2	5216.7	5171.1	5086.7	4965.3	4809.2	4627.6	4434.1
32.5°	5647.8	5749.8	5815.6	5825.9	5815.6	5749.8	5647.8	5514.6	5347.9	5146.9	4918.2
30°	6210.6	6320.8	6386.3	6392.7	6386.3	6320.8	6210.6	6058.7	5869.3	5650.4	5402.2
27.5°	6795.4	6918.8	6987.3	7003.7	6987.3	6918.8	6795.4	6615.0	6400.1	6151.1	5874.1
25°	7367.6	7504.5	7583.2	7613.4	7583.2	7504.5	7367.6	7168.6	6935.2	6661.2	6344.6
22.5°	7919.4	8069.5	8172.0	8198.2	8172.0	8069.5	7919.4	7712.8	7463.9	7176.8	6838.6
20°	8472.7	8649.9	8781.0	8794.0	8781.0	8649.9	8472.7	8239.5	7958.9	7646.0	7288.6
17.5°	9005.6	9197.2	9337.6	9371.9	9337.6	9197.2	9005.6	8752.1	8435.7	8088.6	7698.4
15°	9482.6	9683.8	9819.3	9849.1	9819.3	9683.8	9482.6	9219.0	8900.0	8522.2	8083.3
12.5°	9894.2	10079.7	10206.2	10254.6	10206.2	10079.7	9894.2	9630.8	9303.2	8897.1	8430.5
10°	10225.8	10369.1	10482.2	10533.2	10482.2	10369.1	10225.8	9963.4	9626.9	9206.0	8704.8
7.5°	10410.9	10528.8	10607.1	10635.3	10607.1	10528.8	10410.9	10202.2	9856.4	9412.5	8918.7
5°	10484.1	10597.1	10639.4	10664.2	10639.4	10597.1	10484.1	10267.2	9984.9	9582.6	9093.8
2.5°	10494.0	10584.5	10671.7	10729.1	10671.7	10584.5	10494.0	10331.6	10087.2	9706.4	9206.0
0°	10552.5	10640.8	10689.1	10716.6	10689.1	10640.8	10552.5	10406.3	10153.9	9781.5	9279.5
-2.5°	10494.0	10584.5	10671.7	10729.1	10671.7	10584.5	10494.0	10331.6	10087.2	9706.4	9206.0
-5°	10484.1	10597.1	10639.4	10664.2	10639.4	10597.1	10484.1	10267.2	9984.9	9582.6	9093.8
-7.5°	10410.9	10528.8	10607.1	10635.3	10607.1	10528.8	10410.9	10202.2	9856.4	9412.5	8918.7
-10°	10225.8	10369.1	10482.2	10533.2	10482.2	10369.1	10225.8	9963.4	9626.9	9206.0	8704.8
-12.5°	9894.2	10079.7	10206.2	10254.6	10206.2	10079.7	9894.2	9630.8	9303.2	8897.1	8430.5
-15°	9482.6	9683.8	9819.3	9849.1	9819.3	9683.8	9482.6	9219.0	8900.0	8522.2	8083.3
-17.5°	9005.6	9197.2	9337.6	9371.9	9337.6	9197.2	9005.6	8752.1	8435.7	8088.6	7698.4
-20°	8472.7	8649.9	8781.0	8794.0	8781.0	8649.9	8472.7	8239.5	7958.9	7646.0	7288.6



REPORT NUMBER: P558827 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7919.4	8069.5	8172.0	8198.2	8172.0	8069.5	7919.4	7712.8	7463.9	7176.8	6838.6
-25°	7367.6	7504.5	7583.2	7613.4	7583.2	7504.5	7367.6	7168.6	6935.2	6661.2	6344.6
-27.5°	6795.4	6918.8	6987.3	7003.7	6987.3	6918.8	6795.4	6615.0	6400.1	6151.1	5874.1
-30°	6210.6	6320.8	6386.3	6392.7	6386.3	6320.8	6210.6	6058.7	5869.3	5650.4	5402.2
-32.5°	5647.8	5749.8	5815.6	5825.9	5815.6	5749.8	5647.8	5514.6	5347.9	5146.9	4918.2
-35°	5086.7	5171.1	5216.7	5205.2	5216.7	5171.1	5086.7	4965.3	4809.2	4627.6	4434.1
-37.5°	4520.3	4588.3	4623.4	4621.8	4623.4	4588.3	4520.3	4420.4	4291.0	4136.8	3962.1
-40°	3986.1	4052.3	4082.6	4063.2	4082.6	4052.3	3986.1	3893.1	3781.7	3649.9	3500.8
-42.5°	3464.6	3517.3	3552.8	3579.1	3552.8	3517.3	3464.6	3387.2	3297.6	3186.3	3055.5
-45°	3003.5	3058.5	3091.9	3097.8	3091.9	3058.5	3003.5	2934.5	2853.9	2752.1	2628.9
-47.5°	2544.7	2576.9	2600.5	2616.4	2600.5	2576.9	2544.7	2494.5	2423.0	2337.1	2244.0
-50°	2084.9	2111.1	2133.2	2150.2	2133.2	2111.1	2084.9	2041.4	1983.8	1918.8	1843.2
-52.5°	1654.8	1678.4	1700.7	1719.9	1700.7	1678.4	1654.8	1616.5	1566.0	1512.6	1441.5
-55°	1277.1	1312.5	1332.5	1337.9	1332.5	1312.5	1277.1	1228.9	1168.4	1103.0	1019.3
-57.5°	863.8	897.0	926.7	948.9	926.7	897.0	863.8	819.3	763.7	700.4	628.0
-60°	486.0	501.5	508.3	508.9	508.3	501.5	486.0	467.2	445.8	423.5	397.6
-62.5°	324.6	329.4	334.4	337.9	334.4	329.4	324.6	317.5	308.0	297.5	288.3
-65°	227.6	228.9	229.9	230.3	229.9	228.9	227.6	225.3	222.1	220.8	219.1
-67.5°	188.3	190.3	190.7	190.3	190.7	190.3	188.3	185.8	182.7	179.0	174.7
-70°	150.1	152.0	151.2	149.0	151.2	152.0	150.1	148.5	147.9	147.4	144.6
-72.5°	85.4	72.2	63.0	53.8	63.0	72.2	85.4	98.3	111.2	120.2	118.9
-75°	57.8	42.3	41.3	41.4	41.3	42.3	57.8	73.0	87.7	98.9	97.9
-77.5°	44.2	32.1	31.0	30.3	31.0	32.1	44.2	55.8	66.5	75.0	74.7
-80°	26.1	20.7	21.4	22.1	21.4	20.7	26.1	31.3	36.3	40.9	43.9
-82.5°	15.7	12.4	13.1	13.8	13.1	12.4	15.7	18.8	21.8	24.5	25.9
-85°	6.1	5.5	5.5	5.5	5.5	5.5	6.1	6.7	7.3	7.8	7.7
-87.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
-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):

	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°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.4	1.6	1.8	2.0
85°	7.5	7.2	7.0	7.6	8.0	8.3	8.4	7.4	6.5	5.7	5.1
82.5°	27.0	27.8	28.1	26.4	24.7	23.2	21.6	18.1	14.9	12.0	9.7
80°	46.6	49.0	50.5	48.9	46.9	44.3	40.5	33.2	26.7	21.4	18.1
77.5°	74.4	74.3	73.7	71.1	68.7	66.7	62.9	51.8	41.1	31.6	26.8
75°	96.9	95.9	94.2	91.0	87.3	83.2	78.2	70.6	61.0	49.5	41.5
72.5°	117.2	115.1	112.4	108.9	104.9	100.9	96.0	89.8	82.5	74.0	67.5
70°	141.5	138.2	134.6	130.6	126.4	121.9	117.0	110.8	103.2	94.9	90.2
67.5°	169.9	164.9	160.4	154.2	149.0	143.6	140.6	135.4	128.4	119.9	114.1
65°	213.4	203.1	196.5	196.1	190.9	180.4	170.0	164.9	159.1	149.6	139.6
62.5°	280.7	275.4	261.6	248.9	239.6	232.5	219.1	204.8	193.6	183.9	170.8
60°	367.4	333.4	319.4	304.0	286.6	269.6	258.1	244.2	227.8	214.7	201.3
57.5°	546.9	480.4	441.5	398.5	351.5	325.4	306.6	284.8	266.3	248.1	231.2
55°	916.5	820.4	717.8	599.2	488.2	438.7	383.8	340.5	313.8	283.2	263.0
52.5°	1350.4	1234.6	1105.7	964.0	819.9	666.7	515.5	451.4	377.6	332.2	298.4
50°	1752.8	1632.3	1505.2	1366.0	1194.1	1007.5	825.3	643.6	495.2	410.4	342.8
47.5°	2134.0	2002.2	1861.2	1711.2	1552.6	1376.3	1163.0	939.4	729.0	517.8	425.7
45°	2503.9	2362.1	2203.9	2040.7	1870.7	1689.8	1499.1	1269.6	1016.6	773.8	523.0
42.5°	2903.3	2732.1	2554.7	2372.1	2177.5	1985.2	1783.2	1568.0	1325.2	1046.3	774.8
40°	3327.1	3137.4	2935.0	2718.3	2502.2	2273.7	2056.0	1829.5	1593.3	1329.9	1023.9
37.5°	3761.8	3544.0	3323.9	3085.1	2838.8	2587.8	2333.6	2084.2	1831.8	1574.4	1278.1
35°	4213.6	3972.9	3718.1	3457.3	3179.9	2906.7	2626.6	2343.2	2067.1	1792.3	1509.1
32.5°	4669.6	4405.6	4120.3	3831.4	3531.2	3223.6	2920.1	2612.5	2297.2	2004.1	1707.5
30°	5129.2	4836.7	4525.9	4196.2	3869.1	3540.0	3205.9	2868.6	2530.9	2205.4	1897.8
27.5°	5580.5	5262.8	4924.6	4566.4	4192.3	3839.3	3480.0	3114.5	2750.9	2404.3	2074.2
25°	6025.6	5677.6	5302.5	4919.1	4526.8	4115.5	3733.8	3349.4	2966.9	2590.1	2233.7
22.5°	6469.0	6079.4	5667.0	5244.0	4832.5	4399.4	3973.5	3565.3	3166.3	2767.0	2389.7
20°	6893.6	6464.6	6019.7	5561.7	5106.1	4659.8	4201.4	3767.5	3346.0	2932.5	2534.7
17.5°	7268.7	6814.2	6346.4	5851.8	5365.4	4891.0	4416.8	3952.6	3508.7	3076.4	2666.0
15°	7615.1	7132.7	6635.3	6118.0	5601.0	5093.1	4603.0	4115.7	3654.5	3204.3	2782.5
12.5°	7929.6	7418.2	6896.9	6351.5	5809.1	5271.8	4761.3	4262.6	3782.1	3318.2	2880.8
10°	8186.6	7654.7	7113.0	6553.6	5988.6	5427.5	4892.6	4381.1	3884.8	3409.0	2962.6
7.5°	8395.2	7840.6	7278.0	6713.6	6131.5	5557.4	5002.0	4470.7	3964.9	3475.3	3027.1
5°	8558.1	7986.9	7404.3	6831.2	6234.7	5648.4	5083.7	4531.0	4021.2	3517.9	3073.4
2.5°	8669.8	8086.4	7482.8	6902.1	6301.6	5705.1	5144.5	4577.6	4061.2	3562.7	3114.0
0°	8737.4	8160.9	7541.6	6951.3	6362.4	5736.2	5185.9	4609.4	4078.4	3591.5	3135.0
-2.5°	8669.8	8086.4	7482.8	6902.1	6301.6	5705.1	5144.5	4577.6	4061.2	3562.7	3114.0
-5°	8558.1	7986.9	7404.3	6831.2	6234.7	5648.4	5083.7	4531.0	4021.2	3517.9	3073.4
-7.5°	8395.2	7840.6	7278.0	6713.6	6131.5	5557.4	5002.0	4470.7	3964.9	3475.3	3027.1
-10°	8186.6	7654.7	7113.0	6553.6	5988.6	5427.5	4892.6	4381.1	3884.8	3409.0	2962.6
-12.5°	7929.6	7418.2	6896.9	6351.5	5809.1	5271.8	4761.3	4262.6	3782.1	3318.2	2880.8
-15°	7615.1	7132.7	6635.3	6118.0	5601.0	5093.1	4603.0	4115.7	3654.5	3204.3	2782.5
-17.5°	7268.7	6814.2	6346.4	5851.8	5365.4	4891.0	4416.8	3952.6	3508.7	3076.4	2666.0
-20°	6893.6	6464.6	6019.7	5561.7	5106.1	4659.8	4201.4	3767.5	3346.0	2932.5	2534.7



REPORT NUMBER: P558827 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6469.0	6079.4	5667.0	5244.0	4832.5	4399.4	3973.5	3565.3	3166.3	2767.0	2389.7
-25°	6025.6	5677.6	5302.5	4919.1	4526.8	4115.5	3733.8	3349.4	2966.9	2590.1	2233.7
-27.5°	5580.5	5262.8	4924.6	4566.4	4192.3	3839.3	3480.0	3114.5	2750.9	2404.3	2074.2
-30°	5129.2	4836.7	4525.9	4196.2	3869.1	3540.0	3205.9	2868.6	2530.9	2205.4	1897.8
-32.5°	4669.6	4405.6	4120.3	3831.4	3531.2	3223.6	2920.1	2612.5	2297.2	2004.1	1707.5
-35°	4213.6	3972.9	3718.1	3457.3	3179.9	2906.7	2626.6	2343.2	2067.1	1792.3	1509.1
-37.5°	3761.8	3544.0	3323.9	3085.1	2838.8	2587.8	2333.6	2084.2	1831.8	1574.4	1278.1
-40°	3327.1	3137.4	2935.0	2718.3	2502.2	2273.7	2056.0	1829.5	1593.3	1329.9	1023.9
-42.5°	2903.3	2732.1	2554.7	2372.1	2177.5	1985.2	1783.2	1568.0	1325.2	1046.3	774.8
-45°	2503.9	2362.1	2203.9	2040.7	1870.7	1689.8	1499.1	1269.6	1016.6	773.8	523.0
-47.5°	2134.0	2002.2	1861.2	1711.2	1552.6	1376.3	1163.0	939.4	729.0	517.8	425.7
-50°	1752.8	1632.3	1505.2	1366.0	1194.1	1007.5	825.3	643.6	495.2	410.4	342.8
-52.5°	1350.4	1234.6	1105.7	964.0	819.9	666.7	515.5	451.4	377.6	332.2	298.4
-55°	916.5	820.4	717.8	599.2	488.2	438.7	383.8	340.5	313.8	283.2	263.0
-57.5°	546.9	480.4	441.5	398.5	351.5	325.4	306.6	284.8	266.3	248.1	231.2
-60°	367.4	333.4	319.4	304.0	286.6	269.6	258.1	244.2	227.8	214.7	201.3
-62.5°	280.7	275.4	261.6	248.9	239.6	232.5	219.1	204.8	193.6	183.9	170.8
-65°	213.4	203.1	196.5	196.1	190.9	180.4	170.0	164.9	159.1	149.6	139.6
-67.5°	169.9	164.9	160.4	154.2	149.0	143.6	140.6	135.4	128.4	119.9	114.1
-70°	141.5	138.2	134.6	130.6	126.4	121.9	117.0	110.8	103.2	94.9	90.2
-72.5°	117.2	115.1	112.4	108.9	104.9	100.9	96.0	89.8	82.5	74.0	67.5
-75°	96.9	95.9	94.2	91.0	87.3	83.2	78.2	70.6	61.0	49.5	41.5
-77.5°	74.4	74.3	73.7	71.1	68.7	66.7	62.9	51.8	41.1	31.6	26.8
-80°	46.6	49.0	50.5	48.9	46.9	44.3	40.5	33.2	26.7	21.4	18.1
-82.5°	27.0	27.8	28.1	26.4	24.7	23.2	21.6	18.1	14.9	12.0	9.7
-85°	7.5	7.2	7.0	7.6	8.0	8.3	8.4	7.4	6.5	5.7	5.1
-87.5°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.4	1.6	1.8	2.0
-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: P558827 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-930-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°	1.9	1.8	1.7	1.6	1.7	1.7	1.7	1.7	1.6	1.4	1.2
85°	5.1	5.0	4.7	4.2	3.9	3.5	3.5	3.5	3.1	2.8	2.5
82.5°	9.8	9.9	9.9	9.8	9.7	9.3	8.7	7.7	6.1	4.4	3.7
80°	20.2	21.4	21.4	20.1	17.6	15.3	14.7	13.5	11.1	8.8	6.6
77.5°	30.9	33.9	35.7	34.9	31.1	27.5	23.9	20.2	16.2	13.2	10.4
75°	42.3	46.2	49.1	49.1	45.0	39.6	34.8	29.8	23.9	17.9	14.1
72.5°	64.0	62.5	63.0	63.3	59.8	54.6	47.6	39.4	32.5	25.6	18.6
70°	85.9	80.2	76.4	75.7	73.9	70.0	63.0	52.4	41.1	33.2	25.3
67.5°	108.9	103.2	95.9	89.4	87.1	83.7	78.3	65.9	52.6	40.7	31.8
65°	132.5	125.7	118.8	109.4	102.2	97.4	91.9	78.6	63.6	50.0	38.3
62.5°	158.3	147.2	138.3	128.1	118.4	111.1	105.3	90.9	74.4	58.8	45.2
60°	186.7	172.4	158.0	145.8	134.3	123.9	115.6	103.2	86.0	67.2	52.2
57.5°	215.4	198.0	180.0	163.9	150.3	137.4	125.4	113.4	97.7	77.4	58.4
55°	244.3	225.0	202.1	182.5	166.2	151.8	136.2	122.7	108.7	88.2	63.3
52.5°	272.2	250.2	225.8	201.4	181.6	165.3	147.9	132.0	117.2	98.8	70.5
50°	306.2	274.5	248.7	222.4	196.8	177.7	159.1	141.8	125.7	108.6	77.2
47.5°	345.7	305.4	271.5	242.8	215.1	189.9	170.1	151.0	134.2	116.2	83.0
45°	424.3	340.7	298.0	263.8	232.4	204.6	181.1	159.7	141.8	119.5	87.9
42.5°	514.2	406.4	329.3	284.6	251.1	219.3	191.9	169.2	148.9	121.6	90.7
40°	730.5	488.5	371.4	312.3	269.9	233.1	204.0	178.6	154.9	122.9	91.8
37.5°	952.8	640.9	445.4	339.3	289.8	249.8	215.5	187.7	157.5	124.2	92.1
35°	1178.2	840.2	518.0	387.9	313.8	266.1	226.0	196.8	163.3	125.5	91.6
32.5°	1392.2	1032.6	684.4	452.3	336.8	281.8	238.4	205.8	170.6	126.7	90.3
30°	1575.8	1219.5	849.3	513.7	368.8	301.3	252.0	214.3	179.4	128.0	89.0
27.5°	1742.7	1394.0	1004.3	632.8	421.9	320.1	264.8	222.3	189.4	131.1	89.3
25°	1896.4	1542.8	1153.9	763.5	471.6	338.0	276.5	229.9	197.4	137.9	89.3
22.5°	2032.1	1675.4	1290.7	882.4	516.5	355.4	289.1	239.6	203.4	145.1	89.1
20°	2153.9	1795.8	1415.1	992.3	590.3	392.6	302.7	248.2	208.9	152.5	88.6
17.5°	2263.5	1900.5	1519.7	1096.4	678.5	425.4	315.1	255.8	213.9	159.9	87.8
15°	2370.4	1989.4	1608.4	1188.6	756.2	453.9	326.2	262.2	218.2	167.2	87.3
12.5°	2460.2	2065.5	1683.3	1268.3	823.0	477.9	336.0	267.6	221.9	173.6	86.8
10°	2532.4	2128.3	1744.2	1334.9	878.6	497.6	344.3	271.6	224.8	178.9	85.0
7.5°	2586.8	2177.4	1791.2	1388.1	922.5	513.7	349.6	273.9	227.1	183.1	82.3
5°	2626.0	2214.5	1825.4	1427.5	954.3	526.9	353.0	275.2	228.8	186.1	78.8
2.5°	2658.4	2240.5	1846.9	1452.7	973.6	536.0	354.7	275.3	229.9	187.7	74.8
0°	2674.3	2252.3	1855.1	1463.4	980.6	540.7	354.5	274.5	230.3	187.6	70.3
-2.5°	2658.4	2240.5	1846.9	1452.7	973.6	536.0	354.7	275.3	229.9	187.7	74.8
-5°	2626.0	2214.5	1825.4	1427.5	954.3	526.9	353.0	275.2	228.8	186.1	78.8
-7.5°	2586.8	2177.4	1791.2	1388.1	922.5	513.7	349.6	273.9	227.1	183.1	82.3
-10°	2532.4	2128.3	1744.2	1334.9	878.6	497.6	344.3	271.6	224.8	178.9	85.0
-12.5°	2460.2	2065.5	1683.3	1268.3	823.0	477.9	336.0	267.6	221.9	173.6	86.8
-15°	2370.4	1989.4	1608.4	1188.6	756.2	453.9	326.2	262.2	218.2	167.2	87.3
-17.5°	2263.5	1900.5	1519.7	1096.4	678.5	425.4	315.1	255.8	213.9	159.9	87.8
-20°	2153.9	1795.8	1415.1	992.3	590.3	392.6	302.7	248.2	208.9	152.5	88.6



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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°	2032.1	1675.4	1290.7	882.4	516.5	355.4	289.1	239.6	203.4	145.1	89.1
-25°	1896.4	1542.8	1153.9	763.5	471.6	338.0	276.5	229.9	197.4	137.9	89.3
-27.5°	1742.7	1394.0	1004.3	632.8	421.9	320.1	264.8	222.3	189.4	131.1	89.3
-30°	1575.8	1219.5	849.3	513.7	368.8	301.3	252.0	214.3	179.4	128.0	89.0
-32.5°	1392.2	1032.6	684.4	452.3	336.8	281.8	238.4	205.8	170.6	126.7	90.3
-35°	1178.2	840.2	518.0	387.9	313.8	266.1	226.0	196.8	163.3	125.5	91.6
-37.5°	952.8	640.9	445.4	339.3	289.8	249.8	215.5	187.7	157.5	124.2	92.1
-40°	730.5	488.5	371.4	312.3	269.9	233.1	204.0	178.6	154.9	122.9	91.8
-42.5°	514.2	406.4	329.3	284.6	251.1	219.3	191.9	169.2	148.9	121.6	90.7
-45°	424.3	340.7	298.0	263.8	232.4	204.6	181.1	159.7	141.8	119.5	87.9
-47.5°	345.7	305.4	271.5	242.8	215.1	189.9	170.1	151.0	134.2	116.2	83.0
-50°	306.2	274.5	248.7	222.4	196.8	177.7	159.1	141.8	125.7	108.6	77.2
-52.5°	272.2	250.2	225.8	201.4	181.6	165.3	147.9	132.0	117.2	98.8	70.5
-55°	244.3	225.0	202.1	182.5	166.2	151.8	136.2	122.7	108.7	88.2	63.3
-57.5°	215.4	198.0	180.0	163.9	150.3	137.4	125.4	113.4	97.7	77.4	58.4
-60°	186.7	172.4	158.0	145.8	134.3	123.9	115.6	103.2	86.0	67.2	52.2
-62.5°	158.3	147.2	138.3	128.1	118.4	111.1	105.3	90.9	74.4	58.8	45.2
-65°	132.5	125.7	118.8	109.4	102.2	97.4	91.9	78.6	63.6	50.0	38.3
-67.5°	108.9	103.2	95.9	89.4	87.1	83.7	78.3	65.9	52.6	40.7	31.8
-70°	85.9	80.2	76.4	75.7	73.9	70.0	63.0	52.4	41.1	33.2	25.3
-72.5°	64.0	62.5	63.0	63.3	59.8	54.6	47.6	39.4	32.5	25.6	18.6
-75°	42.3	46.2	49.1	49.1	45.0	39.6	34.8	29.8	23.9	17.9	14.1
-77.5°	30.9	33.9	35.7	34.9	31.1	27.5	23.9	20.2	16.2	13.2	10.4
-80°	20.2	21.4	21.4	20.1	17.6	15.3	14.7	13.5	11.1	8.8	6.6
-82.5°	9.8	9.9	9.9	9.8	9.7	9.3	8.7	7.7	6.1	4.4	3.7
-85°	5.1	5.0	4.7	4.2	3.9	3.5	3.5	3.5	3.1	2.8	2.5
-87.5°	1.9	1.8	1.7	1.6	1.7	1.7	1.7	1.7	1.6	1.4	1.2
-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°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
85°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
82.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
80°	4.5	3.5	2.8	2.1	1.4	0.7	0.0
77.5°	7.6	4.9	3.5	2.7	1.8	0.9	0.0
75°	10.6	7.1	4.4	3.2	2.1	1.1	0.0
72.5°	13.6	9.2	5.8	3.7	2.5	1.2	0.0
70°	16.7	11.3	7.2	4.3	2.8	1.4	0.0
67.5°	21.8	13.2	8.6	5.1	3.1	1.6	0.0
65°	26.5	15.8	9.9	5.9	3.5	1.7	0.0
62.5°	30.9	18.9	11.1	6.7	3.8	1.9	0.0
60°	34.9	21.8	12.2	7.4	4.1	2.0	0.0
57.5°	39.0	24.4	13.9	8.1	4.5	2.2	0.0
55°	42.6	26.7	15.4	8.7	4.9	2.4	0.0
52.5°	45.7	28.7	16.8	9.3	5.3	2.5	0.0
50°	48.3	30.6	17.9	9.8	5.7	2.6	0.0
47.5°	50.7	32.1	18.9	10.3	6.1	2.8	0.0
45°	54.8	33.2	19.7	10.8	6.4	2.9	0.0
42.5°	58.3	34.0	20.2	11.2	6.8	3.0	0.0
40°	61.0	34.4	20.6	11.7	7.1	3.1	0.0
37.5°	63.0	34.4	20.7	12.3	7.4	3.3	0.0
35°	64.4	35.1	20.7	12.8	7.7	3.4	0.0
32.5°	64.7	36.1	20.4	13.3	7.9	3.5	0.0
30°	63.5	36.5	19.8	13.8	8.2	3.6	0.0
27.5°	61.7	36.6	20.4	14.2	8.4	3.6	0.0
25°	59.5	36.1	21.0	14.7	8.6	3.7	0.0
22.5°	56.8	36.1	21.5	15.0	8.8	3.8	0.0
20°	53.6	37.8	22.1	15.3	9.0	3.9	0.0
17.5°	53.1	39.3	22.6	15.6	9.2	3.9	0.0
15°	54.1	40.6	23.0	15.9	9.3	4.0	0.0
12.5°	55.1	41.7	23.5	16.1	9.4	4.0	0.0
10°	55.9	42.6	23.8	16.3	9.5	4.0	0.0
7.5°	56.6	43.2	24.2	16.4	9.6	4.1	0.0
5°	57.2	43.7	24.4	16.5	9.7	4.1	0.0
2.5°	57.6	44.0	24.6	16.6	9.7	4.1	0.0
0°	57.9	44.1	24.8	16.6	9.7	4.1	0.0
-2.5°	57.6	44.0	24.6	16.6	9.7	4.1	0.0
-5°	57.2	43.7	24.4	16.5	9.7	4.1	0.0
-7.5°	56.6	43.2	24.2	16.4	9.6	4.1	0.0
-10°	55.9	42.6	23.8	16.3	9.5	4.0	0.0
-12.5°	55.1	41.7	23.5	16.1	9.4	4.0	0.0
-15°	54.1	40.6	23.0	15.9	9.3	4.0	0.0
-17.5°	53.1	39.3	22.6	15.6	9.2	3.9	0.0
-20°	53.6	37.8	22.1	15.3	9.0	3.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	56.8	36.1	21.5	15.0	8.8	3.8	0.0
-25°	59.5	36.1	21.0	14.7	8.6	3.7	0.0
-27.5°	61.7	36.6	20.4	14.2	8.4	3.6	0.0
-30°	63.5	36.5	19.8	13.8	8.2	3.6	0.0
-32.5°	64.7	36.1	20.4	13.3	7.9	3.5	0.0
-35°	64.4	35.1	20.7	12.8	7.7	3.4	0.0
-37.5°	63.0	34.4	20.7	12.3	7.4	3.3	0.0
-40°	61.0	34.4	20.6	11.7	7.1	3.1	0.0
-42.5°	58.3	34.0	20.2	11.2	6.8	3.0	0.0
-45°	54.8	33.2	19.7	10.8	6.4	2.9	0.0
-47.5°	50.7	32.1	18.9	10.3	6.1	2.8	0.0
-50°	48.3	30.6	17.9	9.8	5.7	2.6	0.0
-52.5°	45.7	28.7	16.8	9.3	5.3	2.5	0.0
-55°	42.6	26.7	15.4	8.7	4.9	2.4	0.0
-57.5°	39.0	24.4	13.9	8.1	4.5	2.2	0.0
-60°	34.9	21.8	12.2	7.4	4.1	2.0	0.0
-62.5°	30.9	18.9	11.1	6.7	3.8	1.9	0.0
-65°	26.5	15.8	9.9	5.9	3.5	1.7	0.0
-67.5°	21.8	13.2	8.6	5.1	3.1	1.6	0.0
-70°	16.7	11.3	7.2	4.3	2.8	1.4	0.0
-72.5°	13.6	9.2	5.8	3.7	2.5	1.2	0.0
-75°	10.6	7.1	4.4	3.2	2.1	1.1	0.0
-77.5°	7.6	4.9	3.5	2.7	1.8	0.9	0.0
-80°	4.5	3.5	2.8	2.1	1.4	0.7	0.0
-82.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
-85°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
-87.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)