

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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: P627922 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-727-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627922 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6D-727-U-WR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

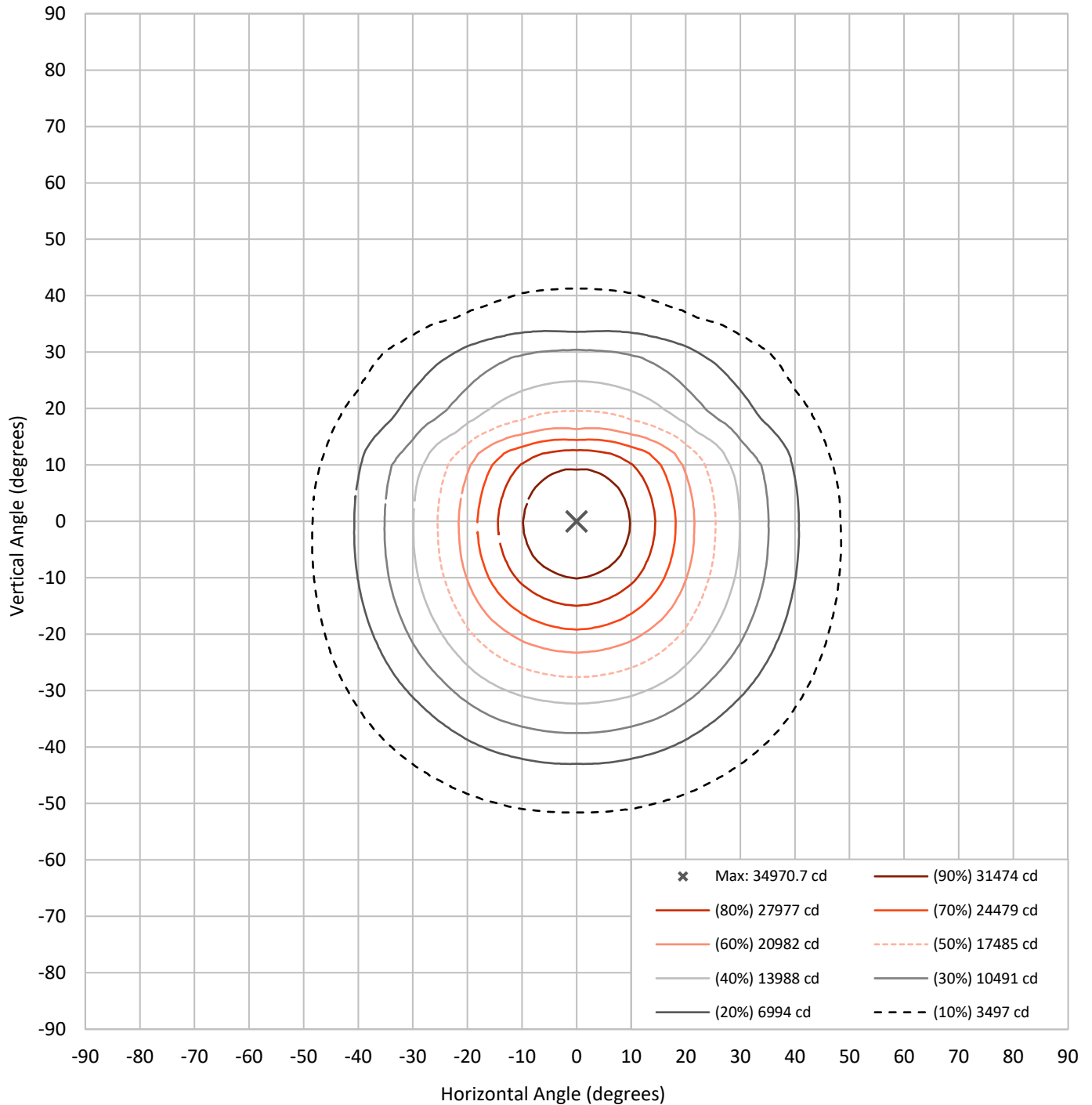
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	30851.7 lumens	Max Intensity:	34970.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	94.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	14853.6 lumens	Field Lumens:	27622.8 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	325.9		
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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CATALOG NUMBER: GFLD-SA6D-727-U-WR-VSR-XX

Iso-Candela Plot





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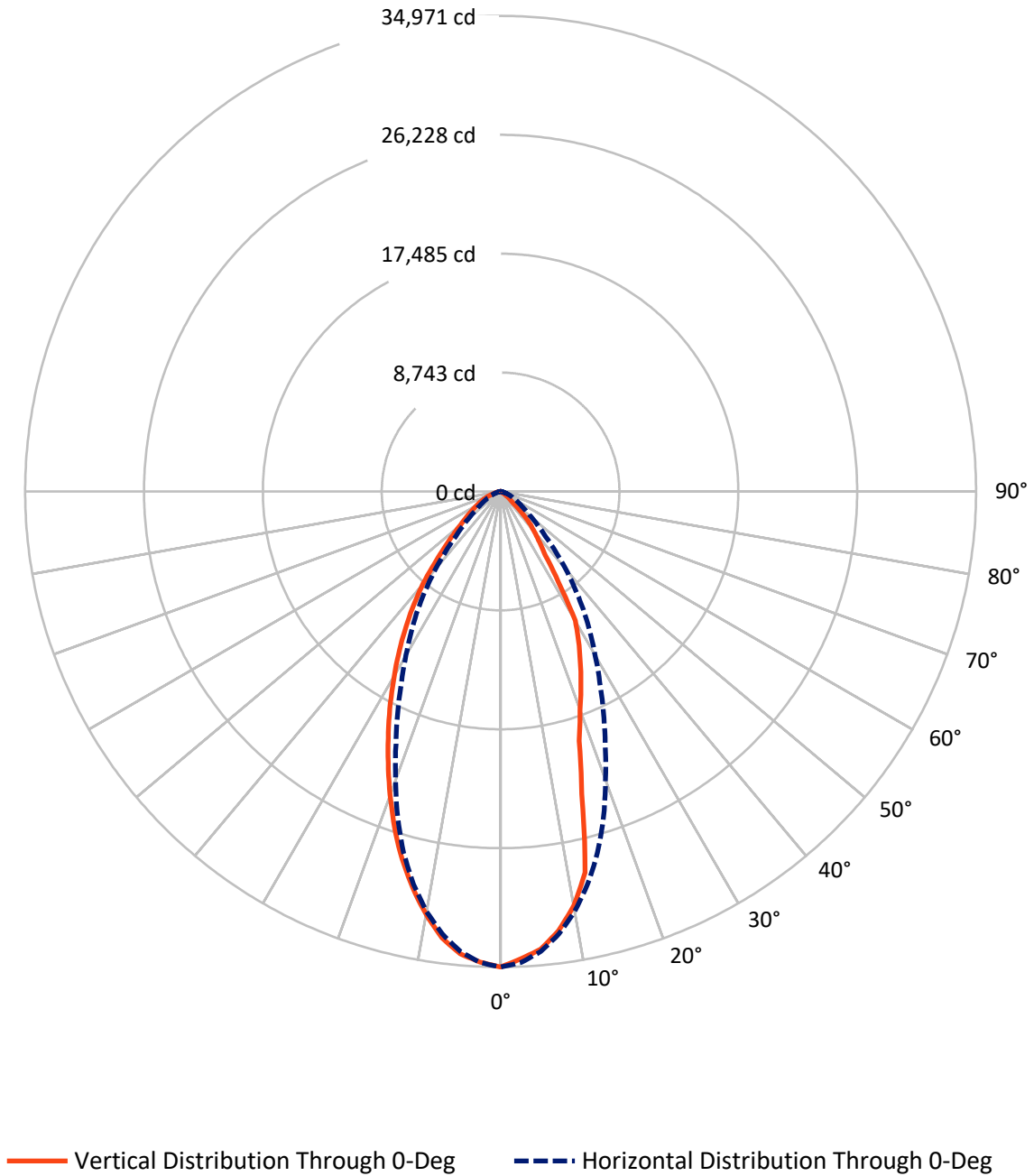
CATALOG NUMBER: GFLD-SA6D-727-U-WR-VSR-XX

Lumen Table

90																			
80	0.0	0.1		0.2		0.0		0.0		0.0		0.2		0.1		0.0			
70																			
60	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1			
50		0.7	1.6	2.9	4.9	7.1	9.7	10.9	10.9	9.7	7.1	4.9	2.9	1.6	0.7				
40	1.3	2.4	6.0	12.5	23.0	37.7	54.4	66.7	66.7	54.4	37.7	23.0	12.5	6.0	2.4	1.3			
30		4.7	12.0	27.9	57.6	105.8	161.8	194.6	194.6	161.8	105.8	57.6	27.9	12.0	4.7				
20	3.4	7.4	19.6	50.7	119.8	225.0	342.4	412.7	412.7	342.4	225.0	119.8	50.7	19.6	7.4	3.4			
10		10.0	27.8	79.4	197.1	364.6	569.7	704.3	704.3	569.7	364.6	197.1	79.4	27.8	10.0				
0	4.8	11.6	35.0	102.8	258.9	482.5	774.8	982.3	982.3	774.8	482.5	258.9	102.8	35.0	11.6	4.8			
-10		12.2	36.4	106.0	262.6	489.5	782.6	988.4	988.4	782.6	489.5	262.6	106.0	36.4	12.2				
-20	5.1	12.0	34.5	94.5	232.7	429.8	662.5	817.6	817.6	662.5	429.8	232.7	94.5	34.5	12.0	5.1			
-30		11.0	29.9	73.9	173.6	324.0	482.9	579.1	579.1	482.9	324.0	173.6	73.9	29.9	11.0				
-40	4.3	9.7	24.2	53.4	109.3	201.0	303.3	361.0	361.0	303.3	201.0	109.3	53.4	24.2	9.7	4.3			
-50		8.0	18.7	36.9	65.7	105.2	150.9	179.7	179.7	150.9	105.2	65.7	36.9	18.7	8.0				
-60	2.7	6.2	13.6	24.6	40.1	57.7	74.6	84.4	84.4	74.6	57.7	40.1	24.6	13.6	6.2	2.7			
-70		4.4	9.1	15.2	23.3	31.7	38.8	42.3	42.3	38.8	31.7	23.3	15.2	9.1	4.4				
-80	0.7	8.8		22.6		40.5		36.9		40.5		22.6		8.8		0.7			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

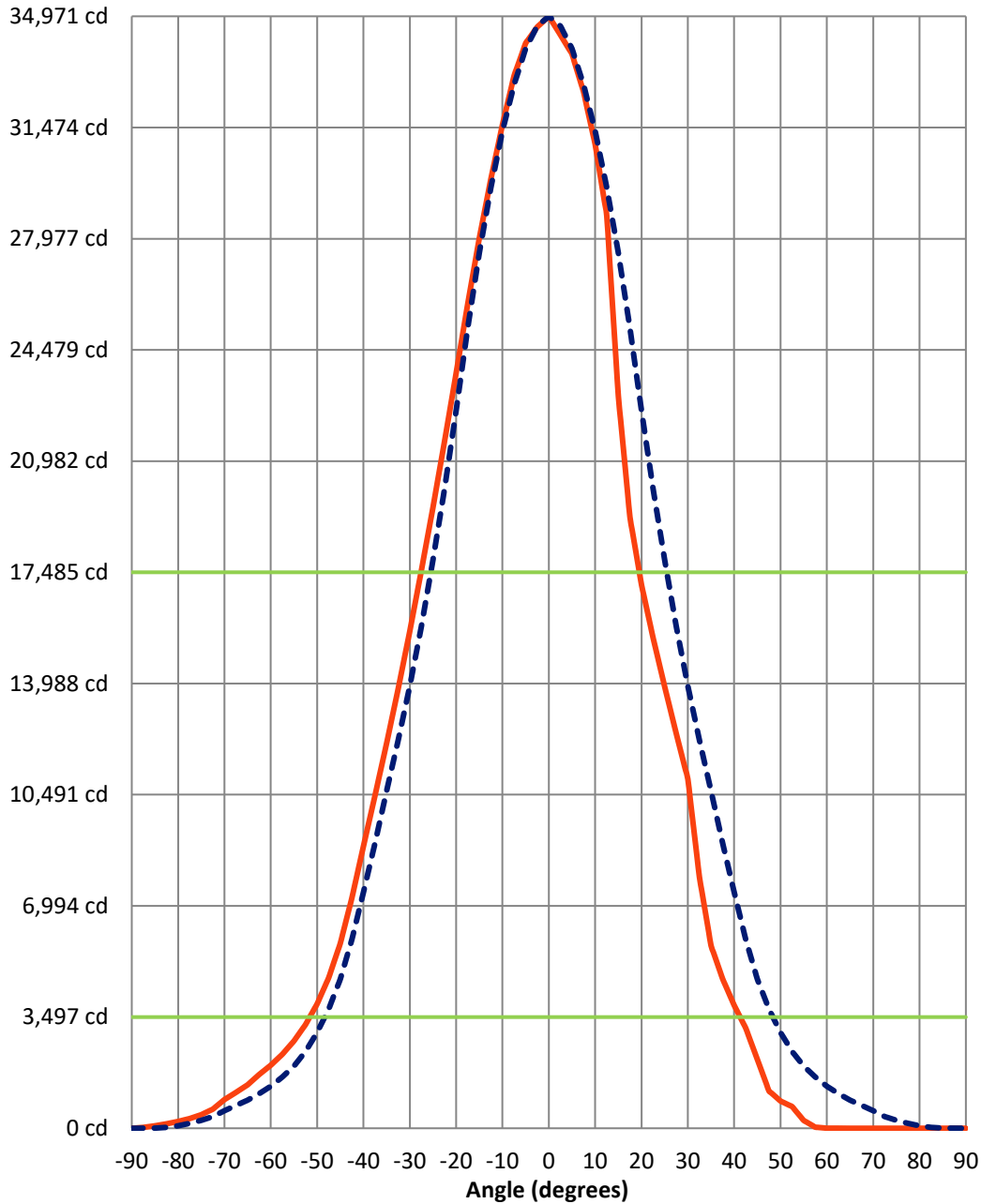
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 14853.6
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 27622.8
 Efficiency: 89.5%

Spill:
 Lumens: 3228.9
 Efficiency: 10.5%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1
85°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
82.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.2	2.5	2.5	2.5
80°	0.0	0.4	0.9	1.3	1.7	2.2	2.5	2.5	2.5	2.5	2.5
77.5°	0.0	0.5	1.1	1.6	2.2	2.5	2.5	2.5	2.5	2.5	2.5
75°	0.0	0.6	1.3	1.9	2.5	2.5	2.5	2.5	2.5	2.5	2.5
72.5°	0.0	0.8	1.5	2.2	2.5	2.5	2.5	2.5	2.5	2.5	2.5
70°	0.0	0.9	1.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.7
67.5°	0.0	1.0	1.9	2.5	2.5	2.5	2.7	2.5	2.5	3.2	3.1
65°	0.0	1.1	2.1	2.5	2.5	2.8	3.0	2.5	3.6	4.1	4.8
62.5°	0.0	1.2	2.3	2.5	2.5	3.4	3.4	3.4	4.8	6.7	10.4
60°	0.0	1.2	2.5	2.5	2.5	4.0	3.9	4.7	6.0	16.5	17.9
57.5°	0.0	1.3	2.5	2.5	3.2	4.7	6.8	6.5	16.3	27.8	30.6
55°	0.0	1.4	2.6	2.5	4.0	5.5	10.3	9.5	29.8	42.0	47.5
52.5°	0.0	1.5	2.6	2.5	4.8	6.9	14.5	23.5	44.6	62.4	67.2
50°	0.0	1.6	2.7	2.5	5.6	11.2	19.1	38.8	62.3	84.9	102.6
47.5°	0.0	1.7	2.7	2.7	6.5	15.9	25.4	54.3	85.5	109.7	139.3
45°	0.0	1.8	2.8	3.4	7.4	20.8	38.9	70.0	108.9	142.1	175.4
42.5°	0.0	1.8	2.9	4.1	8.3	26.0	52.4	88.4	132.2	174.1	215.6
40°	0.0	1.9	3.0	4.9	10.9	31.5	65.8	108.6	156.4	205.4	257.5
37.5°	0.0	2.0	3.1	6.0	15.2	37.2	79.1	128.5	182.6	237.5	300.3
35°	0.0	2.0	3.2	7.2	19.5	46.2	92.3	148.2	209.0	275.9	346.9
32.5°	0.0	2.1	3.3	8.4	23.9	56.6	106.2	167.5	235.3	315.3	399.3
30°	0.0	2.2	3.4	9.8	28.3	66.8	121.9	187.1	261.6	355.6	452.2
27.5°	0.0	2.2	3.5	11.2	33.3	76.6	137.0	208.6	290.6	396.5	505.2
25°	0.0	2.3	3.7	12.7	38.4	86.1	151.6	229.6	323.9	440.0	558.2
22.5°	0.0	2.3	3.8	14.2	43.3	95.4	165.6	250.1	356.9	484.0	612.0
20°	0.0	2.3	3.9	15.8	48.0	104.4	178.9	269.8	389.4	527.1	663.2
17.5°	0.0	2.4	4.1	17.4	52.6	112.8	191.3	288.8	421.0	569.0	711.7
15°	0.0	2.4	4.2	19.0	56.9	120.7	202.6	305.7	451.5	609.3	757.5
12.5°	0.0	2.4	4.4	20.5	61.1	128.1	213.0	319.8	476.8	647.8	800.4
10°	0.0	2.5	4.5	22.1	64.9	134.8	222.4	332.4	497.0	670.6	834.0
7.5°	0.0	2.5	4.6	23.5	68.5	140.8	230.8	343.4	514.8	687.9	851.7
5°	0.0	2.5	4.8	25.0	71.8	146.2	238.2	353.0	529.9	701.7	865.9
2.5°	0.0	2.5	4.9	26.3	74.8	150.9	244.6	360.9	542.4	712.2	876.8
0°	0.0	2.5	5.0	27.5	77.4	154.9	249.8	367.2	552.0	719.4	884.3
-2.5°	0.0	2.7	5.8	29.2	80.9	159.8	256.6	377.8	562.8	729.8	896.0
-5°	0.0	2.8	6.5	30.8	84.1	163.9	262.2	386.6	570.7	737.2	904.3
-7.5°	0.0	3.0	7.2	32.3	86.7	167.2	266.7	393.6	575.7	741.8	909.2
-10°	0.0	3.1	7.9	33.6	88.9	169.7	269.8	398.5	577.9	743.7	910.7
-12.5°	0.0	3.2	8.6	34.6	90.6	171.3	271.7	401.3	577.2	742.6	906.5
-15°	0.0	3.4	9.2	35.5	91.7	172.1	272.3	401.9	573.0	736.1	897.7
-17.5°	0.0	3.5	9.8	36.2	92.2	172.0	271.5	401.1	565.6	727.3	885.5
-20°	0.0	3.6	10.3	36.7	92.1	171.0	270.7	399.2	556.3	716.4	870.0

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Scaled Data Report



REPORT NUMBER: P627922 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.6	10.7	36.9	91.3	169.1	270.9	395.6	545.3	703.4	851.1
-25°	0.0	3.7	11.1	36.9	89.9	168.5	269.6	390.3	532.8	688.4	828.9
-27.5°	0.0	3.8	11.5	36.6	87.9	167.8	267.1	383.4	519.0	671.1	808.5
-30°	0.0	3.8	11.8	36.1	85.3	166.0	263.1	374.9	506.7	651.6	786.5
-32.5°	0.0	3.8	11.9	35.3	84.3	163.2	257.9	367.9	494.6	631.2	762.9
-35°	0.0	3.8	12.1	34.3	82.5	159.2	252.8	360.2	480.9	610.2	737.9
-37.5°	0.0	3.8	12.1	33.0	80.0	155.0	247.1	350.9	465.6	588.6	708.4
-40°	0.0	3.8	12.1	31.4	76.9	151.2	240.0	340.1	448.8	568.4	676.9
-42.5°	0.0	3.7	12.0	30.0	74.6	146.5	231.5	327.7	433.2	542.3	643.4
-45°	0.0	3.6	11.8	28.8	73.1	140.8	221.6	314.8	417.2	514.2	608.6
-47.5°	0.0	3.6	11.5	27.3	70.9	134.1	210.5	301.5	399.3	485.2	576.4
-50°	0.0	3.5	11.1	26.8	67.9	126.5	200.6	286.7	375.8	458.8	543.2
-52.5°	0.0	3.3	10.7	26.4	64.2	118.0	190.1	270.2	352.5	431.2	509.4
-55°	0.0	3.2	10.2	25.7	59.7	111.1	178.4	252.6	328.4	402.5	477.7
-57.5°	0.0	3.0	9.6	24.7	54.6	103.6	165.5	237.0	303.1	373.5	444.8
-60°	0.0	2.9	9.0	23.3	48.9	95.0	151.8	218.1	277.1	343.5	410.9
-62.5°	0.0	2.7	8.4	21.7	45.5	85.4	138.5	197.1	251.4	312.2	375.8
-65°	0.0	2.5	7.9	19.8	41.6	74.9	123.9	175.2	224.1	279.3	339.5
-67.5°	0.0	2.3	7.2	17.6	37.2	65.6	108.0	153.1	195.2	244.5	299.2
-70°	0.0	2.1	6.5	15.2	32.4	57.5	91.1	130.2	167.9	208.0	255.8
-72.5°	0.0	1.8	5.8	13.4	27.2	48.8	77.4	106.5	139.7	175.0	212.1
-75°	0.0	1.6	5.0	11.7	21.6	39.6	63.6	86.8	110.8	141.1	173.1
-77.5°	0.0	1.3	4.2	9.9	17.9	29.8	49.0	68.2	88.0	108.9	133.2
-80°	0.0	1.1	3.4	8.0	14.5	22.8	33.9	49.3	65.5	82.5	100.3
-82.5°	0.0	0.8	2.6	6.0	10.9	17.3	25.0	33.0	42.6	55.7	69.4
-85°	0.0	0.5	1.7	4.1	7.3	11.6	16.7	22.1	28.1	34.8	42.1
-87.5°	0.0	0.3	0.9	2.0	3.7	5.8	8.4	11.1	14.1	17.4	21.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GFLD-SA6D-727-U-WR-VSR-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°	1.2	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2.0
85°	2.3	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
82.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
80°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
77.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
75°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
72.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
70°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.1
67.5°	2.5	2.5	2.5	2.6	2.5	2.5	2.5	2.5	2.5	1.9	1.3
65°	2.5	2.5	3.4	3.7	2.6	2.5	2.5	2.5	2.6	2.3	2.3
62.5°	3.6	4.5	5.6	8.7	6.5	2.5	4.9	5.7	3.8	3.1	3.4
60°	10.9	7.5	19.2	26.6	17.4	9.2	11.3	22.7	18.7	5.1	13.2
57.5°	22.1	27.2	48.4	50.8	39.0	26.4	57.8	64.1	53.2	33.4	48.1
55°	46.0	64.6	81.7	80.7	81.2	102.0	119.9	117.8	103.8	143.2	180.3
52.5°	87.0	106.3	117.7	128.2	157.3	176.7	182.3	193.3	234.0	282.7	291.5
50°	127.7	147.6	162.5	200.5	230.4	245.7	259.9	297.2	358.8	392.2	397.6
47.5°	168.9	191.1	230.4	271.9	300.8	323.9	348.6	433.3	502.0	530.5	540.8
45°	211.8	250.3	299.3	341.9	375.4	406.7	487.1	602.8	651.1	694.8	805.8
42.5°	256.4	314.4	369.5	414.2	452.0	517.5	629.4	741.4	810.6	903.4	1037.6
40°	313.3	378.3	442.2	487.7	534.8	634.1	772.6	891.1	964.4	1088.9	1241.8
37.5°	371.0	447.0	516.1	564.0	630.2	764.6	927.3	1069.3	1160.1	1261.5	1507.2
35°	428.1	517.2	588.0	652.3	734.1	919.3	1119.8	1277.9	1390.2	1563.8	1874.6
32.5°	489.0	588.6	661.0	748.6	883.0	1090.1	1336.3	1511.8	1698.0	1947.8	2445.8
30°	553.9	655.4	738.7	844.0	1024.2	1265.9	1551.6	1772.2	2024.9	2430.7	2967.4
27.5°	618.5	722.0	824.6	958.5	1156.5	1417.5	1716.0	2063.8	2390.3	2844.1	3430.8
25°	680.7	789.9	908.9	1070.7	1284.7	1558.0	1883.8	2285.0	2711.2	3230.2	3919.1
22.5°	740.0	858.8	998.1	1172.0	1393.0	1691.4	2079.9	2551.2	3063.3	3600.9	4392.6
20°	798.1	935.8	1095.6	1290.3	1492.5	1814.4	2271.8	2842.3	3484.2	4220.7	4996.5
17.5°	855.5	1011.9	1196.3	1412.7	1657.8	1987.2	2468.4	3147.7	3928.9	4887.5	5842.7
15°	911.8	1086.4	1293.7	1533.6	1824.5	2218.2	2764.7	3511.3	4455.2	5603.1	6734.5
12.5°	966.3	1158.7	1387.2	1651.7	1986.2	2435.6	3044.0	3849.4	4931.0	6302.3	7692.3
10°	1018.7	1228.1	1476.0	1765.7	2141.0	2638.0	3290.9	4141.9	5289.9	6703.2	8249.2
7.5°	1045.3	1275.0	1551.7	1874.1	2287.1	2823.7	3505.7	4389.2	5570.3	7025.6	8575.6
5°	1064.3	1296.5	1580.1	1917.5	2367.4	2950.0	3670.1	4591.3	5777.0	7268.2	8796.8
2.5°	1079.0	1312.0	1600.8	1941.9	2399.2	2992.1	3724.4	4661.8	5887.9	7394.8	8925.7
0°	1089.1	1321.4	1613.6	1955.9	2415.5	3012.5	3749.4	4691.1	5935.0	7423.8	8972.5
-2.5°	1099.8	1334.3	1627.0	1977.6	2438.4	3040.2	3777.0	4711.8	5970.3	7431.8	8997.8
-5°	1105.9	1341.2	1632.3	1988.1	2445.8	3045.4	3775.0	4692.1	5942.2	7373.5	8942.8
-7.5°	1107.6	1342.0	1629.4	1986.0	2436.4	3021.8	3735.1	4633.5	5845.3	7255.5	8807.7
-10°	1104.9	1336.1	1618.7	1968.0	2408.9	2972.8	3663.7	4532.0	5686.1	7060.6	8579.5
-12.5°	1096.8	1323.6	1599.5	1938.6	2364.8	2903.0	3563.2	4387.4	5464.9	6789.7	8257.9
-15°	1083.9	1305.0	1571.6	1897.9	2303.8	2813.2	3434.0	4199.6	5180.2	6445.3	7857.3
-17.5°	1066.0	1280.3	1535.2	1845.9	2226.0	2704.2	3277.9	3979.8	4873.2	6061.0	7412.0
-20°	1043.3	1249.6	1490.2	1782.9	2136.2	2589.3	3132.9	3785.1	4585.9	5620.8	6886.6

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627922 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1015.6	1212.9	1442.5	1722.5	2056.6	2470.1	2970.8	3564.5	4263.6	5112.1	6313.0
-25°	987.2	1177.8	1396.2	1655.3	1965.6	2334.9	2785.4	3326.2	3959.4	4736.0	5728.9
-27.5°	959.1	1137.4	1342.6	1577.8	1863.7	2195.5	2611.1	3104.1	3668.4	4328.8	5137.3
-30°	927.5	1092.3	1283.4	1496.6	1766.0	2074.1	2433.3	2855.7	3357.5	3954.3	4657.1
-32.5°	893.0	1043.9	1226.2	1426.3	1661.4	1941.8	2252.5	2634.6	3071.1	3563.5	4171.0
-35°	858.7	1002.6	1167.6	1350.5	1549.1	1811.6	2097.1	2414.1	2785.4	3221.4	3707.3
-37.5°	825.6	957.6	1104.7	1275.3	1461.6	1679.5	1931.7	2218.0	2537.6	2884.5	3304.2
-40°	788.8	908.9	1048.1	1202.7	1367.4	1556.3	1783.7	2026.6	2301.8	2607.0	2931.1
-42.5°	748.8	864.2	991.2	1124.4	1275.5	1444.3	1632.9	1855.1	2083.7	2339.4	2622.4
-45°	709.6	815.6	931.8	1053.4	1180.5	1329.6	1500.9	1685.8	1888.4	2097.1	2334.8
-47.5°	668.3	765.1	873.3	979.2	1091.8	1219.1	1364.4	1532.1	1701.2	1887.0	2071.2
-50°	626.9	717.8	808.7	907.6	1008.5	1114.4	1237.2	1381.9	1535.7	1689.9	1852.1
-52.5°	589.9	668.5	750.6	835.5	927.4	1021.7	1124.0	1243.3	1377.8	1513.6	1653.4
-55°	552.1	624.5	692.4	768.4	847.9	932.7	1024.0	1124.4	1225.9	1349.6	1469.9
-57.5°	515.1	579.3	638.4	703.2	773.9	846.0	928.2	1013.5	1105.7	1199.2	1297.7
-60°	478.1	532.7	586.2	642.3	701.6	765.7	831.9	906.8	985.9	1067.1	1152.4
-62.5°	439.8	484.0	531.2	582.5	634.8	684.1	739.6	800.9	866.1	935.8	1008.1
-65°	396.9	433.6	473.0	517.7	566.7	606.5	649.0	695.0	749.0	806.4	863.1
-67.5°	351.1	383.7	415.8	448.9	488.7	524.3	559.3	595.9	636.2	683.1	728.7
-70°	300.2	332.6	360.9	388.4	413.7	439.1	468.8	497.7	530.1	572.2	613.6
-72.5°	248.3	278.7	305.6	328.9	346.7	361.9	380.1	401.1	432.2	471.3	507.8
-75°	200.9	225.4	250.5	272.9	284.4	288.9	292.7	303.8	335.3	375.4	410.8
-77.5°	156.4	177.8	198.3	217.8	225.8	229.0	230.5	230.5	253.7	287.9	323.8
-80°	115.2	130.1	147.4	164.1	169.0	170.5	170.7	169.7	188.6	213.2	239.6
-82.5°	80.1	90.8	101.8	113.2	114.7	113.9	112.2	110.6	126.0	143.7	161.9
-85°	46.7	51.2	57.9	64.9	65.7	65.3	64.1	62.1	70.7	80.3	90.5
-87.5°	23.4	25.6	27.9	30.1	29.3	28.1	26.6	24.8	27.2	29.7	32.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627922 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-727-U-WR-VSR-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°	2.0	1.6	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.5	1.9	1.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.5	1.9	1.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.5	2.0	1.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.5	2.0	1.4	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	2.5	2.1	1.5	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2.5	2.2	1.5	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.4	0.7	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.1	1.3	1.3	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.6	2.5	1.9	1.2	0.6	0.5	0.6	0.5	0.2	0.0	0.0
62.5°	3.2	3.1	2.2	2.1	2.3	2.5	2.0	1.8	1.7	1.8	2.0
60°	14.1	8.1	8.2	10.5	8.9	4.1	8.2	10.3	9.7	7.3	6.4
57.5°	71.7	60.1	42.0	70.3	72.4	50.5	54.8	71.4	69.2	53.5	53.3
55°	180.6	183.3	196.7	214.5	227.7	233.8	239.2	266.0	294.7	322.8	336.8
52.5°	298.4	333.3	376.7	405.4	425.5	466.6	524.2	550.6	576.4	605.6	626.7
50°	439.5	500.1	543.7	550.0	618.5	662.9	673.4	723.0	777.0	810.7	834.8
47.5°	653.8	730.5	768.5	792.8	876.1	967.4	967.5	996.0	1131.3	1202.1	1236.2
45°	941.6	1005.6	1072.9	1247.3	1407.8	1458.7	1567.7	1715.2	1811.2	1943.2	2088.3
42.5°	1186.9	1307.0	1475.2	1667.4	1828.2	1962.1	2124.0	2301.4	2514.5	2715.0	2887.9
40°	1429.5	1578.1	1786.5	1995.6	2198.1	2383.6	2644.6	2872.7	3124.2	3399.9	3629.7
37.5°	1746.0	1936.4	2151.8	2415.3	2730.6	2936.5	3295.4	3623.3	3906.5	4239.4	4444.6
35°	2232.3	2480.4	2671.0	3203.8	3587.3	3828.2	4253.1	4791.9	4998.8	5418.1	5617.1
32.5°	2843.6	3173.3	3675.1	4380.6	4892.7	5336.2	5971.3	6518.1	6984.1	7405.2	7843.2
30°	3530.5	4039.3	4778.9	5716.4	6236.5	6857.7	7716.6	8364.9	9095.8	9898.0	10179.0
27.5°	4153.8	4915.8	5774.6	6534.0	7281.1	8054.7	8898.6	9731.4	10522.5	11190.1	11638.0
25°	4731.5	5654.4	6489.0	7300.5	8110.0	8981.2	9935.8	10880.3	11750.8	12437.7	12959.9
22.5°	5327.5	6302.5	7195.3	8018.7	8960.3	9947.6	10962.7	12046.1	13036.7	13749.3	14318.3
20°	5887.7	6972.2	7990.5	8928.1	9818.1	10957.9	12126.7	13275.9	14354.7	15203.6	15859.6
17.5°	6777.1	7718.4	8963.1	10181.0	11183.8	12230.7	13792.7	14978.8	16176.0	17192.5	17888.0
15°	7869.3	8904.3	10189.6	11862.2	13236.1	14435.7	16049.3	17978.9	19390.9	20688.7	21579.0
12.5°	8962.3	10133.0	11523.2	13405.6	15361.7	16774.6	18732.3	21177.3	22822.0	24831.4	25821.9
10°	9800.0	11270.2	12701.9	14419.7	16298.2	18310.3	20420.7	22708.1	24905.7	26631.1	28173.5
7.5°	10137.3	11703.3	13360.7	15113.3	16991.7	19068.3	21317.6	23697.8	25959.5	27886.6	29581.6
5°	10389.4	11993.9	13662.3	15454.4	17462.4	19630.9	21913.7	24412.7	26722.4	28787.9	30522.0
2.5°	10549.6	12169.3	13830.4	15652.4	17764.3	19997.2	22353.4	24918.6	27263.0	29389.3	31117.8
0°	10611.1	12207.3	13908.3	15784.3	17875.0	20113.1	22571.1	25166.4	27529.4	29585.2	31363.7
-2.5°	10619.4	12171.9	13913.5	15780.2	17780.7	20039.8	22527.4	25101.1	27416.1	29463.6	31258.0
-5°	10536.1	12087.9	13831.0	15669.5	17672.8	19914.8	22295.7	24782.7	26990.6	28983.3	30710.9
-7.5°	10367.1	11914.6	13619.2	15415.6	17364.8	19539.6	21826.3	24138.5	26304.5	28215.7	29864.4
-10°	10116.4	11631.3	13276.9	15027.2	16871.6	18940.2	21120.6	23329.8	25361.0	27128.4	28653.0
-12.5°	9776.8	11256.9	12828.2	14499.2	16216.0	18188.2	20247.0	22321.6	24173.0	25786.5	27154.5
-15°	9335.9	10781.4	12302.9	13883.1	15548.1	17331.5	19179.2	21082.1	22789.6	24220.5	25470.2
-17.5°	8816.4	10218.3	11663.4	13128.3	14708.0	16381.2	18096.4	19804.6	21260.9	22532.0	23674.8
-20°	8237.3	9588.0	10960.6	12326.3	13759.5	15307.0	16891.1	18391.5	19664.1	20819.2	21864.9



REPORT NUMBER: P627922 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7588.0	8880.9	10196.5	11474.5	12767.0	14168.2	15582.8	16939.7	18130.1	19118.1	20026.8
-25°	6893.0	8087.5	9329.8	10528.1	11717.7	12973.4	14258.3	15506.7	16554.4	17412.3	18163.1
-27.5°	6192.5	7284.1	8378.7	9506.8	10606.3	11765.1	12928.4	14006.7	14947.3	15737.1	16368.1
-30°	5456.3	6432.2	7431.8	8452.5	9502.4	10562.8	11613.9	12558.0	13379.1	14073.8	14619.1
-32.5°	4844.5	5585.8	6468.3	7394.9	8379.1	9345.2	10259.6	11120.2	11893.9	12500.4	12962.9
-35°	4258.1	4885.9	5546.8	6366.9	7212.5	8101.5	8942.6	9710.7	10400.4	10930.5	11365.5
-37.5°	3753.9	4250.5	4809.4	5394.9	6103.8	6838.8	7597.9	8320.2	8935.2	9397.7	9786.2
-40°	3317.6	3709.6	4156.2	4620.4	5141.9	5670.0	6330.9	6940.6	7442.6	7874.8	8226.8
-42.5°	2923.1	3253.9	3583.7	3964.5	4358.0	4782.4	5246.3	5697.2	6082.4	6444.2	6743.2
-45°	2582.6	2846.8	3109.7	3403.8	3692.7	4037.9	4369.3	4665.0	4977.1	5247.9	5461.1
-47.5°	2284.8	2490.8	2716.2	2936.3	3168.3	3428.3	3674.9	3899.9	4128.5	4326.6	4485.5
-50°	2020.1	2190.9	2375.0	2547.9	2735.5	2925.7	3108.0	3287.0	3460.7	3611.4	3728.6
-52.5°	1788.5	1937.7	2081.1	2218.8	2368.1	2508.8	2640.9	2788.5	2924.4	3043.2	3123.4
-55°	1591.3	1713.2	1830.6	1945.6	2058.5	2165.2	2270.4	2385.1	2490.0	2584.3	2644.0
-57.5°	1406.1	1509.9	1609.3	1703.2	1792.7	1877.5	1966.2	2054.4	2135.2	2206.4	2252.6
-60°	1237.6	1322.4	1408.4	1485.0	1557.2	1625.0	1699.6	1770.2	1835.4	1890.2	1922.1
-62.5°	1083.2	1159.3	1222.8	1283.4	1344.8	1405.8	1458.9	1510.9	1561.3	1603.7	1631.6
-65°	921.8	986.2	1040.3	1089.1	1133.1	1180.3	1225.5	1266.4	1302.7	1330.3	1347.9
-67.5°	777.4	824.8	868.2	906.9	946.1	984.0	1018.8	1049.8	1077.1	1096.4	1109.1
-70°	652.0	688.2	723.7	758.9	793.9	823.4	848.6	871.8	892.8	901.6	905.4
-72.5°	541.8	573.9	605.1	636.1	665.2	688.3	706.9	723.9	739.2	726.0	702.9
-75°	441.9	470.1	499.2	526.6	552.3	570.0	583.7	596.4	607.9	579.4	540.1
-77.5°	360.1	384.9	406.5	427.9	449.0	460.3	469.0	477.6	485.8	453.9	413.6
-80°	267.1	287.2	305.5	323.5	341.1	347.8	351.7	354.3	355.8	328.5	296.9
-82.5°	180.5	190.9	200.9	211.4	222.1	227.8	232.0	235.2	237.6	218.2	196.4
-85°	101.2	104.3	106.7	108.8	110.6	114.1	117.5	120.6	123.4	114.2	104.0
-87.5°	34.8	34.8	34.6	34.4	34.0	34.1	34.1	34.0	33.8	32.3	30.8
-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: P627922 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-727-U-WR-VSR-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°	0.0	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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5
62.5°	2.2	2.4	2.5	2.5	2.5	2.4	2.2	2.0	1.8	1.7	1.8
60°	4.9	3.0	2.5	2.5	2.5	3.0	4.9	6.4	7.3	9.7	10.3
57.5°	49.7	43.4	38.9	35.0	38.9	43.4	49.7	53.3	53.5	69.2	71.4
55°	330.8	308.0	280.1	247.3	280.1	308.0	330.8	336.8	322.8	294.7	266.0
52.5°	648.9	670.5	683.0	681.9	683.0	670.5	648.9	626.7	605.6	576.4	550.6
50°	854.2	866.0	866.6	856.8	866.6	866.0	854.2	834.8	810.7	777.0	723.0
47.5°	1251.6	1235.1	1206.9	1176.5	1206.9	1235.1	1251.6	1236.2	1202.1	1131.3	996.0
45°	2183.8	2236.5	2233.0	2165.7	2233.0	2236.5	2183.8	2088.3	1943.2	1811.2	1715.2
42.5°	2984.5	3063.3	3119.1	3147.4	3119.1	3063.3	2984.5	2887.9	2715.0	2514.5	2301.4
40°	3759.1	3835.1	3868.7	3866.8	3868.7	3835.1	3759.1	3629.7	3399.9	3124.2	2872.7
37.5°	4577.6	4676.1	4723.8	4701.1	4723.8	4676.1	4577.6	4444.6	4239.4	3906.5	3623.3
35°	5703.2	5795.3	5797.0	5750.2	5797.0	5795.3	5703.2	5617.1	5418.1	4998.8	4791.9
32.5°	8190.9	8221.8	7984.9	7900.9	7984.9	8221.8	8190.9	7843.2	7405.2	6984.1	6518.1
30°	10458.6	10677.3	10880.7	10983.3	10880.7	10677.3	10458.6	10179.0	9898.0	9095.8	8364.9
27.5°	11975.7	12238.7	12401.7	12412.1	12401.7	12238.7	11975.7	11638.0	11190.1	10522.5	9731.4
25°	13355.6	13649.8	13827.5	13888.4	13827.5	13649.8	13355.6	12959.9	12437.7	11750.8	10880.3
22.5°	14801.2	15147.9	15377.6	15424.6	15377.6	15147.9	14801.2	14318.3	13749.3	13036.7	12046.1
20°	16478.5	16882.0	17102.2	17093.2	17102.2	16882.0	16478.5	15859.6	15203.6	14354.7	13275.9
17.5°	18686.6	19119.3	19309.5	19226.4	19309.5	19119.3	18686.6	17888.0	17192.5	16176.0	14978.8
15°	22492.9	23398.1	23394.4	23033.2	23394.4	23398.1	22492.9	21579.0	20688.7	19390.9	17978.9
12.5°	27188.0	27862.5	28554.6	28703.4	28554.6	27862.5	27188.0	25821.9	24831.4	22822.0	21177.3
10°	29472.5	30368.4	30959.6	30944.0	30959.6	30368.4	29472.5	28173.5	26631.1	24905.7	22708.1
7.5°	30901.8	31891.6	32608.0	32592.7	32608.0	31891.6	30901.8	29581.6	27886.6	25959.5	23697.8
5°	32004.8	33102.6	33737.2	33784.2	33737.2	33102.6	32004.8	30522.0	28787.9	26722.4	24412.7
2.5°	32577.9	33723.6	34486.6	34386.2	34486.6	33723.6	32577.9	31117.8	29389.3	27263.0	24918.6
0°	32817.5	33951.5	34663.4	34970.7	34663.4	33951.5	32817.5	31363.7	29585.2	27529.4	25166.4
-2.5°	32712.8	33816.3	34603.0	34633.5	34603.0	33816.3	32712.8	31258.0	29463.6	27416.1	25101.1
-5°	32152.3	33316.8	33843.9	34123.9	33843.9	33316.8	32152.3	30710.9	28983.3	26990.6	24782.7
-7.5°	31248.4	32121.1	32790.6	33099.7	32790.6	32121.1	31248.4	29864.4	28215.7	26304.5	24138.5
-10°	29841.6	30745.0	31310.9	31566.0	31310.9	30745.0	29841.6	28653.0	27128.4	25361.0	23329.8
-12.5°	28283.2	29104.2	29642.1	29857.5	29642.1	29104.2	28283.2	27154.5	25786.5	24173.0	22321.6
-15°	26544.4	27289.9	27785.0	27991.5	27785.0	27289.9	26544.4	25470.2	24220.5	22789.6	21082.1
-17.5°	24630.4	25283.6	25776.9	25925.8	25776.9	25283.6	24630.4	23674.8	22532.0	21260.9	19804.6
-20°	22662.3	23252.8	23659.1	23747.6	23659.1	23252.8	22662.3	21864.9	20819.2	19664.1	18391.5



REPORT NUMBER: P627922 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	20679.2	21165.6	21495.7	21606.9	21495.7	21165.6	20679.2	20026.8	19118.1	18130.1	16939.7
-25°	18741.1	19161.0	19426.6	19526.1	19426.6	19161.0	18741.1	18163.1	17412.3	16554.4	15506.7
-27.5°	16877.2	17268.6	17512.6	17545.3	17512.6	17268.6	16877.2	16368.1	15737.1	14947.3	14006.7
-30°	15043.2	15366.6	15554.6	15634.4	15554.6	15366.6	15043.2	14619.1	14073.8	13379.1	12558.0
-32.5°	13329.3	13611.7	13780.7	13825.9	13780.7	13611.7	13329.3	12962.9	12500.4	11893.9	11120.2
-35°	11711.3	11972.1	12121.9	12109.8	12121.9	11972.1	11711.3	11365.5	10930.5	10400.4	9710.7
-37.5°	10107.4	10348.1	10483.9	10471.2	10483.9	10348.1	10107.4	9786.2	9397.7	8935.2	8320.2
-40°	8516.2	8723.8	8843.5	8872.6	8843.5	8723.8	8516.2	8226.8	7874.8	7442.6	6940.6
-42.5°	6991.7	7183.4	7279.1	7241.4	7279.1	7183.4	6991.7	6743.2	6444.2	6082.4	5697.2
-45°	5610.2	5709.3	5774.5	5815.1	5774.5	5709.3	5610.2	5461.1	5247.9	4977.1	4665.0
-47.5°	4601.8	4683.9	4728.3	4736.0	4728.3	4683.9	4601.8	4485.5	4326.6	4128.5	3899.9
-50°	3819.8	3889.7	3920.5	3911.7	3920.5	3889.7	3819.8	3728.6	3611.4	3460.7	3287.0
-52.5°	3181.1	3221.6	3249.0	3262.3	3249.0	3221.6	3181.1	3123.4	3043.2	2924.4	2788.5
-55°	2689.0	2720.5	2739.0	2745.2	2739.0	2720.5	2689.0	2644.0	2584.3	2490.0	2385.1
-57.5°	2291.0	2321.0	2331.9	2328.0	2331.9	2321.0	2291.0	2252.6	2206.4	2135.2	2054.4
-60°	1946.7	1963.8	1976.7	1983.3	1976.7	1963.8	1946.7	1922.1	1890.2	1835.4	1770.2
-62.5°	1653.7	1669.9	1683.3	1691.1	1683.3	1669.9	1653.7	1631.6	1603.7	1561.3	1510.9
-65°	1360.3	1367.4	1369.4	1366.4	1369.4	1367.4	1360.3	1347.9	1330.3	1302.7	1266.4
-67.5°	1118.5	1124.5	1128.5	1129.1	1128.5	1124.5	1118.5	1109.1	1096.4	1077.1	1049.8
-70°	909.2	911.7	908.8	901.7	908.8	911.7	909.2	905.4	901.6	892.8	871.8
-72.5°	679.2	654.3	629.5	602.0	629.5	654.3	679.2	702.9	726.0	739.2	723.9
-75°	499.3	457.2	441.9	427.1	441.9	457.2	499.3	540.1	579.4	607.9	596.4
-77.5°	371.4	327.5	315.8	304.7	315.8	327.5	371.4	413.6	453.9	485.8	477.6
-80°	263.9	229.7	222.1	214.8	222.1	229.7	263.9	296.9	328.5	355.8	354.3
-82.5°	173.4	149.6	144.8	139.9	144.8	149.6	173.4	196.4	218.2	237.6	235.2
-85°	93.3	82.1	79.8	77.4	79.8	82.1	93.3	104.0	114.2	123.4	120.6
-87.5°	29.1	27.4	27.5	27.5	27.5	27.4	29.1	30.8	32.3	33.8	34.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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	0.6	1.1	1.6	2.0	2.0	1.9	1.8	1.8
85°	0.0	0.0	0.0	0.6	1.3	1.9	2.5	2.5	2.5	2.5	2.5
82.5°	0.0	0.0	0.0	0.7	1.3	1.9	2.5	2.5	2.5	2.5	2.5
80°	0.0	0.0	0.1	0.7	1.3	2.0	2.5	2.5	2.5	2.5	2.5
77.5°	0.0	0.0	0.1	0.8	1.4	2.0	2.5	2.5	2.5	2.5	2.5
75°	0.0	0.0	0.2	0.8	1.5	2.1	2.5	2.5	2.5	2.5	2.5
72.5°	0.0	0.0	0.2	0.7	1.5	2.2	2.5	2.5	2.5	2.5	2.5
70°	0.0	0.0	0.1	0.1	0.2	0.7	1.4	2.1	2.4	2.5	2.5
67.5°	0.0	0.0	0.4	1.0	1.3	1.3	1.1	1.3	1.9	2.5	2.5
65°	0.6	0.5	0.6	1.2	1.9	2.5	2.6	2.3	2.3	2.6	2.5
62.5°	2.0	2.5	2.3	2.1	2.2	3.1	3.2	3.4	3.1	3.8	5.7
60°	8.2	4.1	8.9	10.5	8.2	8.1	14.1	13.2	5.1	18.7	22.7
57.5°	54.8	50.5	72.4	70.3	42.0	60.1	71.7	48.1	33.4	53.2	64.1
55°	239.2	233.8	227.7	214.5	196.7	183.3	180.6	180.3	143.2	103.8	117.8
52.5°	524.2	466.6	425.5	405.4	376.7	333.3	298.4	291.5	282.7	234.0	193.3
50°	673.4	662.9	618.5	550.0	543.7	500.1	439.5	397.6	392.2	358.8	297.2
47.5°	967.5	967.4	876.1	792.8	768.5	730.5	653.8	540.8	530.5	502.0	433.3
45°	1567.7	1458.7	1407.8	1247.3	1072.9	1005.6	941.6	805.8	694.8	651.1	602.8
42.5°	2124.0	1962.1	1828.2	1667.4	1475.2	1307.0	1186.9	1037.6	903.4	810.6	741.4
40°	2644.6	2383.6	2198.1	1995.6	1786.5	1578.1	1429.5	1241.8	1088.9	964.4	891.1
37.5°	3295.4	2936.5	2730.6	2415.3	2151.8	1936.4	1746.0	1507.2	1261.5	1160.1	1069.3
35°	4253.1	3828.2	3587.3	3203.8	2671.0	2480.4	2232.3	1874.6	1563.8	1390.2	1277.9
32.5°	5971.3	5336.2	4892.7	4380.6	3675.1	3173.3	2843.6	2445.8	1947.8	1698.0	1511.8
30°	7716.6	6857.7	6236.5	5716.4	4778.9	4039.3	3530.5	2967.4	2430.7	2024.9	1772.2
27.5°	8898.6	8054.7	7281.1	6534.0	5774.6	4915.8	4153.8	3430.8	2844.1	2390.3	2063.8
25°	9935.8	8981.2	8110.0	7300.5	6489.0	5654.4	4731.5	3919.1	3230.2	2711.2	2285.0
22.5°	10962.7	9947.6	8960.3	8018.7	7195.3	6302.5	5327.5	4392.6	3600.9	3063.3	2551.2
20°	12126.7	10957.9	9818.1	8928.1	7990.5	6972.2	5887.7	4996.5	4220.7	3484.2	2842.3
17.5°	13792.7	12230.7	11183.8	10181.0	8963.1	7718.4	6777.1	5842.7	4887.5	3928.9	3147.7
15°	16049.3	14435.7	13236.1	11862.2	10189.6	8904.3	7869.3	6734.5	5603.1	4455.2	3511.3
12.5°	18732.3	16774.6	15361.7	13405.6	11523.2	10133.0	8962.3	7692.3	6302.3	4931.0	3849.4
10°	20420.7	18310.3	16298.2	14419.7	12701.9	11270.2	9800.0	8249.2	6703.2	5289.9	4141.9
7.5°	21317.6	19068.3	16991.7	15113.3	13360.7	11703.3	10137.3	8575.6	7025.6	5570.3	4389.2
5°	21913.7	19630.9	17462.4	15454.4	13662.3	11993.9	10389.4	8796.8	7268.2	5777.0	4591.3
2.5°	22353.4	19997.2	17764.3	15652.4	13830.4	12169.3	10549.6	8925.7	7394.8	5887.9	4661.8
0°	22571.1	20113.1	17875.0	15784.3	13908.3	12207.3	10611.1	8972.5	7423.8	5935.0	4691.1
-2.5°	22527.4	20039.8	17780.7	15780.2	13913.5	12171.9	10619.4	8997.8	7431.8	5970.3	4711.8
-5°	22295.7	19914.8	17672.8	15669.5	13831.0	12087.9	10536.1	8942.8	7373.5	5942.2	4692.1
-7.5°	21826.3	19539.6	17364.8	15415.6	13619.2	11914.6	10367.1	8807.7	7255.5	5845.3	4633.5
-10°	21120.6	18940.2	16871.6	15027.2	13276.9	11631.3	10116.4	8579.5	7060.6	5686.1	4532.0
-12.5°	20247.0	18188.2	16216.0	14499.2	12828.2	11256.9	9776.8	8257.9	6789.7	5464.9	4387.4
-15°	19179.2	17331.5	15548.1	13883.1	12302.9	10781.4	9335.9	7857.3	6445.3	5180.2	4199.6
-17.5°	18096.4	16381.2	14708.0	13128.3	11663.4	10218.3	8816.4	7412.0	6061.0	4873.2	3979.8
-20°	16891.1	15307.0	13759.5	12326.3	10960.6	9588.0	8237.3	6886.6	5620.8	4585.9	3785.1



REPORT NUMBER: P627922 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	15582.8	14168.2	12767.0	11474.5	10196.5	8880.9	7588.0	6313.0	5112.1	4263.6	3564.5
-25°	14258.3	12973.4	11717.7	10528.1	9329.8	8087.5	6893.0	5728.9	4736.0	3959.4	3326.2
-27.5°	12928.4	11765.1	10606.3	9506.8	8378.7	7284.1	6192.5	5137.3	4328.8	3668.4	3104.1
-30°	11613.9	10562.8	9502.4	8452.5	7431.8	6432.2	5456.3	4657.1	3954.3	3357.5	2855.7
-32.5°	10259.6	9345.2	8379.1	7394.9	6468.3	5585.8	4844.5	4171.0	3563.5	3071.1	2634.6
-35°	8942.6	8101.5	7212.5	6366.9	5546.8	4885.9	4258.1	3707.3	3221.4	2785.4	2414.1
-37.5°	7597.9	6838.8	6103.8	5394.9	4809.4	4250.5	3753.9	3304.2	2884.5	2537.6	2218.0
-40°	6330.9	5670.0	5141.9	4620.4	4156.2	3709.6	3317.6	2931.1	2607.0	2301.8	2026.6
-42.5°	5246.3	4782.4	4358.0	3964.5	3583.7	3253.9	2923.1	2622.4	2339.4	2083.7	1855.1
-45°	4369.3	4037.9	3692.7	3403.8	3109.7	2846.8	2582.6	2334.8	2097.1	1888.4	1685.8
-47.5°	3674.9	3428.3	3168.3	2936.3	2716.2	2490.8	2284.8	2071.2	1887.0	1701.2	1532.1
-50°	3108.0	2925.7	2735.5	2547.9	2375.0	2190.9	2020.1	1852.1	1689.9	1535.7	1381.9
-52.5°	2640.9	2508.8	2368.1	2218.8	2081.1	1937.7	1788.5	1653.4	1513.6	1377.8	1243.3
-55°	2270.4	2165.2	2058.5	1945.6	1830.6	1713.2	1591.3	1469.9	1349.6	1225.9	1124.4
-57.5°	1966.2	1877.5	1792.7	1703.2	1609.3	1509.9	1406.1	1297.7	1199.2	1105.7	1013.5
-60°	1699.6	1625.0	1557.2	1485.0	1408.4	1322.4	1237.6	1152.4	1067.1	985.9	906.8
-62.5°	1458.9	1405.8	1344.8	1283.4	1222.8	1159.3	1083.2	1008.1	935.8	866.1	800.9
-65°	1225.5	1180.3	1133.1	1089.1	1040.3	986.2	921.8	863.1	806.4	749.0	695.0
-67.5°	1018.8	984.0	946.1	906.9	868.2	824.8	777.4	728.7	683.1	636.2	595.9
-70°	848.6	823.4	793.9	758.9	723.7	688.2	652.0	613.6	572.2	530.1	497.7
-72.5°	706.9	688.3	665.2	636.1	605.1	573.9	541.8	507.8	471.3	432.2	401.1
-75°	583.7	570.0	552.3	526.6	499.2	470.1	441.9	410.8	375.4	335.3	303.8
-77.5°	469.0	460.3	449.0	427.9	406.5	384.9	360.1	323.8	287.9	253.7	230.5
-80°	351.7	347.8	341.1	323.5	305.5	287.2	267.1	239.6	213.2	188.6	169.7
-82.5°	232.0	227.8	222.1	211.4	200.9	190.9	180.5	161.9	143.7	126.0	110.6
-85°	117.5	114.1	110.6	108.8	106.7	104.3	101.2	90.5	80.3	70.7	62.1
-87.5°	34.1	34.1	34.0	34.4	34.6	34.8	34.8	32.2	29.7	27.2	24.8
-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: P627922 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-727-U-WR-VSR-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°	1.7	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.8
85°	2.5	2.5	2.5	2.5	2.5	2.5	2.3	2.1	1.9	1.7	1.5
82.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.2
80°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
77.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
75°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
72.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
70°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.7	2.5	2.5	2.5
67.5°	2.5	2.5	2.5	2.6	2.5	2.5	2.5	3.1	3.2	2.5	2.5
65°	2.5	2.5	2.6	3.7	3.4	2.5	2.5	4.8	4.1	3.6	2.5
62.5°	4.9	2.5	6.5	8.7	5.6	4.5	3.6	10.4	6.7	4.8	3.4
60°	11.3	9.2	17.4	26.6	19.2	7.5	10.9	17.9	16.5	6.0	4.7
57.5°	57.8	26.4	39.0	50.8	48.4	27.2	22.1	30.6	27.8	16.3	6.5
55°	119.9	102.0	81.2	80.7	81.7	64.6	46.0	47.5	42.0	29.8	9.5
52.5°	182.3	176.7	157.3	128.2	117.7	106.3	87.0	67.2	62.4	44.6	23.5
50°	259.9	245.7	230.4	200.5	162.5	147.6	127.7	102.6	84.9	62.3	38.8
47.5°	348.6	323.9	300.8	271.9	230.4	191.1	168.9	139.3	109.7	85.5	54.3
45°	487.1	406.7	375.4	341.9	299.3	250.3	211.8	175.4	142.1	108.9	70.0
42.5°	629.4	517.5	452.0	414.2	369.5	314.4	256.4	215.6	174.1	132.2	88.4
40°	772.6	634.1	534.8	487.7	442.2	378.3	313.3	257.5	205.4	156.4	108.6
37.5°	927.3	764.6	630.2	564.0	516.1	447.0	371.0	300.3	237.5	182.6	128.5
35°	1119.8	919.3	734.1	652.3	588.0	517.2	428.1	346.9	275.9	209.0	148.2
32.5°	1336.3	1090.1	883.0	748.6	661.0	588.6	489.0	399.3	315.3	235.3	167.5
30°	1551.6	1265.9	1024.2	844.0	738.7	655.4	553.9	452.2	355.6	261.6	187.1
27.5°	1716.0	1417.5	1156.5	958.5	824.6	722.0	618.5	505.2	396.5	290.6	208.6
25°	1883.8	1558.0	1284.7	1070.7	908.9	789.9	680.7	558.2	440.0	323.9	229.6
22.5°	2079.9	1691.4	1393.0	1172.0	998.1	858.8	740.0	612.0	484.0	356.9	250.1
20°	2271.8	1814.4	1492.5	1290.3	1095.6	935.8	798.1	663.2	527.1	389.4	269.8
17.5°	2468.4	1987.2	1657.8	1412.7	1196.3	1011.9	855.5	711.7	569.0	421.0	288.8
15°	2764.7	2218.2	1824.5	1533.6	1293.7	1086.4	911.8	757.5	609.3	451.5	305.7
12.5°	3044.0	2435.6	1986.2	1651.7	1387.2	1158.7	966.3	800.4	647.8	476.8	319.8
10°	3290.9	2638.0	2141.0	1765.7	1476.0	1228.1	1018.7	834.0	670.6	497.0	332.4
7.5°	3505.7	2823.7	2287.1	1874.1	1551.7	1275.0	1045.3	851.7	687.9	514.8	343.4
5°	3670.1	2950.0	2367.4	1917.5	1580.1	1296.5	1064.3	865.9	701.7	529.9	353.0
2.5°	3724.4	2992.1	2399.2	1941.9	1600.8	1312.0	1079.0	876.8	712.2	542.4	360.9
0°	3749.4	3012.5	2415.5	1955.9	1613.6	1321.4	1089.1	884.3	719.4	552.0	367.2
-2.5°	3777.0	3040.2	2438.4	1977.6	1627.0	1334.3	1099.8	896.0	729.8	562.8	377.8
-5°	3775.0	3045.4	2445.8	1988.1	1632.3	1341.2	1105.9	904.3	737.2	570.7	386.6
-7.5°	3735.1	3021.8	2436.4	1986.0	1629.4	1342.0	1107.6	909.2	741.8	575.7	393.6
-10°	3663.7	2972.8	2408.9	1968.0	1618.7	1336.1	1104.9	910.7	743.7	577.9	398.5
-12.5°	3563.2	2903.0	2364.8	1938.6	1599.5	1323.6	1096.8	906.5	742.6	577.2	401.3
-15°	3434.0	2813.2	2303.8	1897.9	1571.6	1305.0	1083.9	897.7	736.1	573.0	401.9
-17.5°	3277.9	2704.2	2226.0	1845.9	1535.2	1280.3	1066.0	885.5	727.3	565.6	401.1
-20°	3132.9	2589.3	2136.2	1782.9	1490.2	1249.6	1043.3	870.0	716.4	556.3	399.2



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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°	2970.8	2470.1	2056.6	1722.5	1442.5	1212.9	1015.6	851.1	703.4	545.3	395.6
-25°	2785.4	2334.9	1965.6	1655.3	1396.2	1177.8	987.2	828.9	688.4	532.8	390.3
-27.5°	2611.1	2195.5	1863.7	1577.8	1342.6	1137.4	959.1	808.5	671.1	519.0	383.4
-30°	2433.3	2074.1	1766.0	1496.6	1283.4	1092.3	927.5	786.5	651.6	506.7	374.9
-32.5°	2252.5	1941.8	1661.4	1426.3	1226.2	1043.9	893.0	762.9	631.2	494.6	367.9
-35°	2097.1	1811.6	1549.1	1350.5	1167.6	1002.6	858.7	737.9	610.2	480.9	360.2
-37.5°	1931.7	1679.5	1461.6	1275.3	1104.7	957.6	825.6	708.4	588.6	465.6	350.9
-40°	1783.7	1556.3	1367.4	1202.7	1048.1	908.9	788.8	676.9	568.4	448.8	340.1
-42.5°	1632.9	1444.3	1275.5	1124.4	991.2	864.2	748.8	643.4	542.3	433.2	327.7
-45°	1500.9	1329.6	1180.5	1053.4	931.8	815.6	709.6	608.6	514.2	417.2	314.8
-47.5°	1364.4	1219.1	1091.8	979.2	873.3	765.1	668.3	576.4	485.2	399.3	301.5
-50°	1237.2	1114.4	1008.5	907.6	808.7	717.8	626.9	543.2	458.8	375.8	286.7
-52.5°	1124.0	1021.7	927.4	835.5	750.6	668.5	589.9	509.4	431.2	352.5	270.2
-55°	1024.0	932.7	847.9	768.4	692.4	624.5	552.1	477.7	402.5	328.4	252.6
-57.5°	928.2	846.0	773.9	703.2	638.4	579.3	515.1	444.8	373.5	303.1	237.0
-60°	831.9	765.7	701.6	642.3	586.2	532.7	478.1	410.9	343.5	277.1	218.1
-62.5°	739.6	684.1	634.8	582.5	531.2	484.0	439.8	375.8	312.2	251.4	197.1
-65°	649.0	606.5	566.7	517.7	473.0	433.6	396.9	339.5	279.3	224.1	175.2
-67.5°	559.3	524.3	488.7	448.9	415.8	383.7	351.1	299.2	244.5	195.2	153.1
-70°	468.8	439.1	413.7	388.4	360.9	332.6	300.2	255.8	208.0	167.9	130.2
-72.5°	380.1	361.9	346.7	328.9	305.6	278.7	248.3	212.1	175.0	139.7	106.5
-75°	292.7	288.9	284.4	272.9	250.5	225.4	200.9	173.1	141.1	110.8	86.8
-77.5°	230.5	229.0	225.8	217.8	198.3	177.8	156.4	133.2	108.9	88.0	68.2
-80°	170.7	170.5	169.0	164.1	147.4	130.1	115.2	100.3	82.5	65.5	49.3
-82.5°	112.2	113.9	114.7	113.2	101.8	90.8	80.1	69.4	55.7	42.6	33.0
-85°	64.1	65.3	65.7	64.9	57.9	51.2	46.7	42.1	34.8	28.1	22.1
-87.5°	26.6	28.1	29.3	30.1	27.9	25.6	23.4	21.1	17.4	14.1	11.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
82.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
80°	2.5	2.2	1.7	1.3	0.9	0.4	0.0
77.5°	2.5	2.5	2.2	1.6	1.1	0.5	0.0
75°	2.5	2.5	2.5	1.9	1.3	0.6	0.0
72.5°	2.5	2.5	2.5	2.2	1.5	0.8	0.0
70°	2.5	2.5	2.5	2.5	1.7	0.9	0.0
67.5°	2.7	2.5	2.5	2.5	1.9	1.0	0.0
65°	3.0	2.8	2.5	2.5	2.1	1.1	0.0
62.5°	3.4	3.4	2.5	2.5	2.3	1.2	0.0
60°	3.9	4.0	2.5	2.5	2.5	1.2	0.0
57.5°	6.8	4.7	3.2	2.5	2.5	1.3	0.0
55°	10.3	5.5	4.0	2.5	2.6	1.4	0.0
52.5°	14.5	6.9	4.8	2.5	2.6	1.5	0.0
50°	19.1	11.2	5.6	2.5	2.7	1.6	0.0
47.5°	25.4	15.9	6.5	2.7	2.7	1.7	0.0
45°	38.9	20.8	7.4	3.4	2.8	1.8	0.0
42.5°	52.4	26.0	8.3	4.1	2.9	1.8	0.0
40°	65.8	31.5	10.9	4.9	3.0	1.9	0.0
37.5°	79.1	37.2	15.2	6.0	3.1	2.0	0.0
35°	92.3	46.2	19.5	7.2	3.2	2.0	0.0
32.5°	106.2	56.6	23.9	8.4	3.3	2.1	0.0
30°	121.9	66.8	28.3	9.8	3.4	2.2	0.0
27.5°	137.0	76.6	33.3	11.2	3.5	2.2	0.0
25°	151.6	86.1	38.4	12.7	3.7	2.3	0.0
22.5°	165.6	95.4	43.3	14.2	3.8	2.3	0.0
20°	178.9	104.4	48.0	15.8	3.9	2.3	0.0
17.5°	191.3	112.8	52.6	17.4	4.1	2.4	0.0
15°	202.6	120.7	56.9	19.0	4.2	2.4	0.0
12.5°	213.0	128.1	61.1	20.5	4.4	2.4	0.0
10°	222.4	134.8	64.9	22.1	4.5	2.5	0.0
7.5°	230.8	140.8	68.5	23.5	4.6	2.5	0.0
5°	238.2	146.2	71.8	25.0	4.8	2.5	0.0
2.5°	244.6	150.9	74.8	26.3	4.9	2.5	0.0
0°	249.8	154.9	77.4	27.5	5.0	2.5	0.0
-2.5°	256.6	159.8	80.9	29.2	5.8	2.7	0.0
-5°	262.2	163.9	84.1	30.8	6.5	2.8	0.0
-7.5°	266.7	167.2	86.7	32.3	7.2	3.0	0.0
-10°	269.8	169.7	88.9	33.6	7.9	3.1	0.0
-12.5°	271.7	171.3	90.6	34.6	8.6	3.2	0.0
-15°	272.3	172.1	91.7	35.5	9.2	3.4	0.0
-17.5°	271.5	172.0	92.2	36.2	9.8	3.5	0.0
-20°	270.7	171.0	92.1	36.7	10.3	3.6	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	270.9	169.1	91.3	36.9	10.7	3.6	0.0
-25°	269.6	168.5	89.9	36.9	11.1	3.7	0.0
-27.5°	267.1	167.8	87.9	36.6	11.5	3.8	0.0
-30°	263.1	166.0	85.3	36.1	11.8	3.8	0.0
-32.5°	257.9	163.2	84.3	35.3	11.9	3.8	0.0
-35°	252.8	159.2	82.5	34.3	12.1	3.8	0.0
-37.5°	247.1	155.0	80.0	33.0	12.1	3.8	0.0
-40°	240.0	151.2	76.9	31.4	12.1	3.8	0.0
-42.5°	231.5	146.5	74.6	30.0	12.0	3.7	0.0
-45°	221.6	140.8	73.1	28.8	11.8	3.6	0.0
-47.5°	210.5	134.1	70.9	27.3	11.5	3.6	0.0
-50°	200.6	126.5	67.9	26.8	11.1	3.5	0.0
-52.5°	190.1	118.0	64.2	26.4	10.7	3.3	0.0
-55°	178.4	111.1	59.7	25.7	10.2	3.2	0.0
-57.5°	165.5	103.6	54.6	24.7	9.6	3.0	0.0
-60°	151.8	95.0	48.9	23.3	9.0	2.9	0.0
-62.5°	138.5	85.4	45.5	21.7	8.4	2.7	0.0
-65°	123.9	74.9	41.6	19.8	7.9	2.5	0.0
-67.5°	108.0	65.6	37.2	17.6	7.2	2.3	0.0
-70°	91.1	57.5	32.4	15.2	6.5	2.1	0.0
-72.5°	77.4	48.8	27.2	13.4	5.8	1.8	0.0
-75°	63.6	39.6	21.6	11.7	5.0	1.6	0.0
-77.5°	49.0	29.8	17.9	9.9	4.2	1.3	0.0
-80°	33.9	22.8	14.5	8.0	3.4	1.1	0.0
-82.5°	25.0	17.3	10.9	6.0	2.6	0.8	0.0
-85°	16.7	11.6	7.3	4.1	1.7	0.5	0.0
-87.5°	8.4	5.8	3.7	2.0	0.9	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)