

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: P627862 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-727-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627862 (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-SA6C-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: -

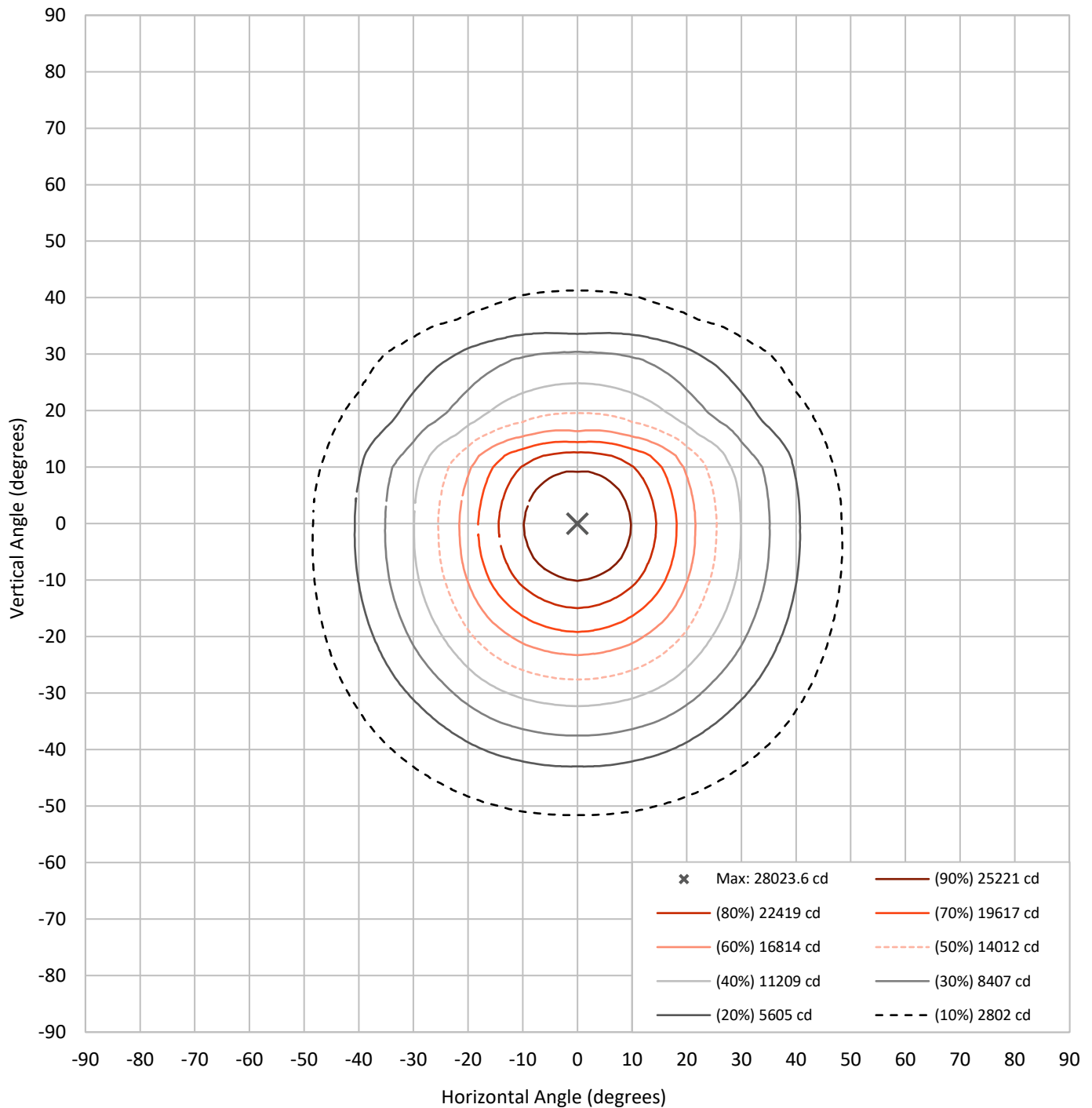
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	24722.9 lumens	Max Intensity:	28023.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	99.9 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:	11902.9 lumens	Field Lumens:	22135.4 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	247.5		
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





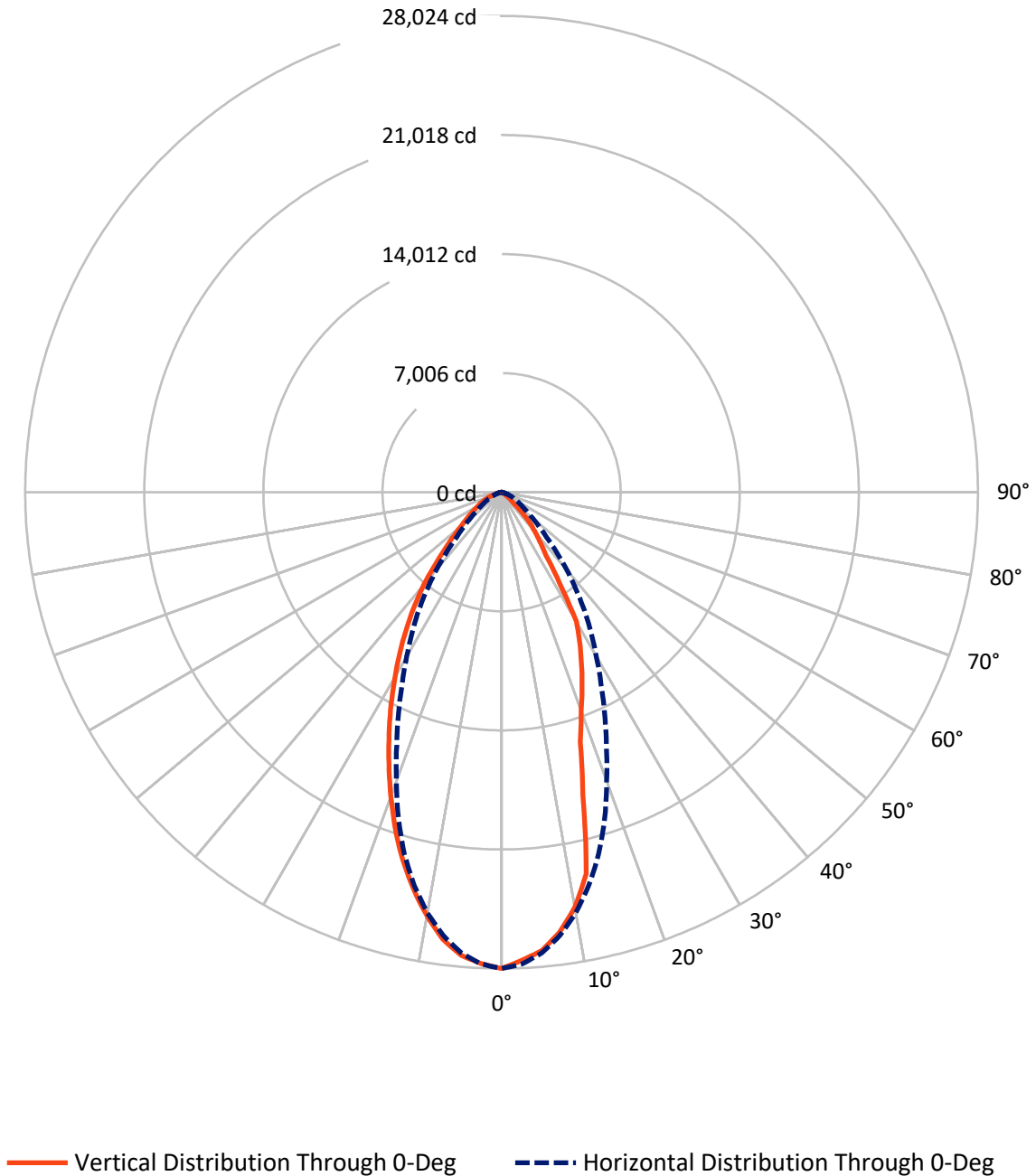
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Lumen Table

90																			
80	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1			
50		0.5	1.3	2.3	3.9	5.7	7.8	8.8	8.8	7.8	5.7	3.9	2.3	1.3	0.5				
40	1.1	1.9	4.8	10.0	18.4	30.2	43.6	53.4	53.4	43.6	30.2	18.4	10.0	4.8	1.9	1.1			
30		3.8	9.6	22.4	46.2	84.8	129.7	155.9	155.9	129.7	84.8	46.2	22.4	9.6	3.8				
20	2.7	5.9	15.7	40.6	96.0	180.3	274.4	330.7	330.7	274.4	180.3	96.0	40.6	15.7	5.9	2.7			
10		8.0	22.3	63.6	158.0	292.2	456.5	564.4	564.4	456.5	292.2	158.0	63.6	22.3	8.0				
0	3.8	9.3	28.0	82.3	207.5	386.7	620.9	787.1	787.1	620.9	386.7	207.5	82.3	28.0	9.3	3.8			
-10		9.7	29.2	85.0	210.4	392.3	627.1	792.1	792.1	627.1	392.3	210.4	85.0	29.2	9.7				
-20	4.1	9.6	27.7	75.7	186.5	344.4	530.9	655.2	655.2	530.9	344.4	186.5	75.7	27.7	9.6	4.1			
-30		8.8	23.9	59.3	139.1	259.7	387.0	464.0	464.0	387.0	259.7	139.1	59.3	23.9	8.8				
-40	3.5	7.7	19.4	42.8	87.6	161.1	243.1	289.3	289.3	243.1	161.1	87.6	42.8	19.4	7.7	3.5			
-50		6.4	15.0	29.6	52.6	84.3	121.0	144.0	144.0	121.0	84.3	52.6	29.6	15.0	6.4				
-60	2.2	5.0	10.9	19.7	32.1	46.2	59.8	67.7	67.7	59.8	46.2	32.1	19.7	10.9	5.0	2.2			
-70		3.5	7.3	12.2	18.7	25.4	31.1	33.9	33.9	31.1	25.4	18.7	12.2	7.3	3.5				
-80																			
-90	0.6	7.0		18.1		32.5		29.6		32.5		18.1		7.0		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

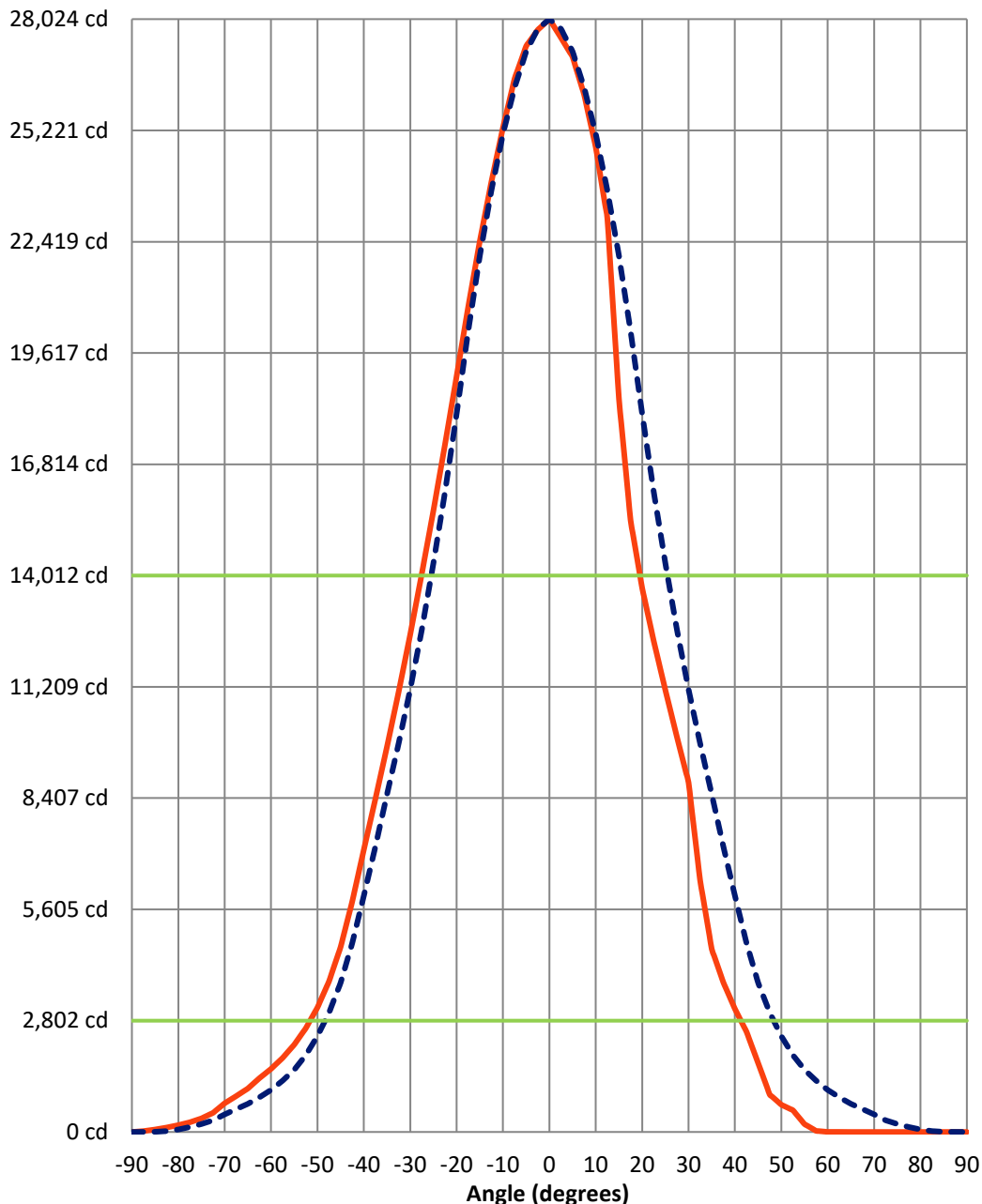
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 11902.9
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 22135.4
 Efficiency: 89.5%

Spill:
 Lumens: 2587.5
 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	0.3	0.4	0.5	0.6	0.7	0.8	0.8
85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.0	2.0
80°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.0	2.0	2.0	2.0
77.5°	0.0	0.4	0.9	1.3	1.7	2.0	2.0	2.0	2.0	2.0	2.0
75°	0.0	0.5	1.0	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0
72.5°	0.0	0.6	1.2	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0
70°	0.0	0.7	1.4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2
67.5°	0.0	0.8	1.5	2.0	2.0	2.0	2.2	2.0	2.0	2.6	2.5
65°	0.0	0.8	1.7	2.0	2.0	2.2	2.4	2.0	2.9	3.3	3.8
62.5°	0.0	0.9	1.8	2.0	2.0	2.7	2.7	2.7	3.8	5.4	8.3
60°	0.0	1.0	2.0	2.0	2.0	3.2	3.1	3.8	4.8	13.2	14.3
57.5°	0.0	1.1	2.0	2.0	2.6	3.8	5.4	5.2	13.0	22.3	24.5
55°	0.0	1.1	2.1	2.0	3.2	4.4	8.3	7.6	23.9	33.6	38.0
52.5°	0.0	1.2	2.1	2.0	3.8	5.5	11.6	18.8	35.7	50.0	53.9
50°	0.0	1.3	2.1	2.0	4.5	9.0	15.3	31.1	49.9	68.0	82.2
47.5°	0.0	1.4	2.2	2.1	5.2	12.7	20.4	43.5	68.5	87.9	111.6
45°	0.0	1.4	2.2	2.7	5.9	16.6	31.2	56.1	87.3	113.9	140.6
42.5°	0.0	1.5	2.3	3.2	6.6	20.8	42.0	70.8	105.9	139.5	172.8
40°	0.0	1.5	2.4	4.0	8.7	25.2	52.7	87.0	125.3	164.5	206.3
37.5°	0.0	1.6	2.5	4.8	12.2	29.8	63.4	103.0	146.3	190.3	240.7
35°	0.0	1.6	2.5	5.7	15.6	37.0	74.0	118.8	167.4	221.1	278.0
32.5°	0.0	1.7	2.6	6.8	19.1	45.3	85.1	134.2	188.6	252.6	320.0
30°	0.0	1.7	2.7	7.8	22.6	53.5	97.7	149.9	209.6	284.9	362.3
27.5°	0.0	1.8	2.8	9.0	26.7	61.4	109.8	167.2	232.8	317.7	404.8
25°	0.0	1.8	2.9	10.2	30.7	69.0	121.5	184.0	259.5	352.5	447.3
22.5°	0.0	1.8	3.0	11.4	34.6	76.4	132.7	200.4	286.0	387.9	490.4
20°	0.0	1.9	3.2	12.6	38.4	83.6	143.4	216.2	312.0	422.4	531.4
17.5°	0.0	1.9	3.3	13.9	42.1	90.4	153.3	231.4	337.3	456.0	570.4
15°	0.0	1.9	3.4	15.2	45.6	96.7	162.3	244.9	361.8	488.3	607.0
12.5°	0.0	2.0	3.5	16.4	48.9	102.6	170.7	256.2	382.1	519.2	641.4
10°	0.0	2.0	3.6	17.7	52.1	108.0	178.2	266.3	398.3	537.4	668.4
7.5°	0.0	2.0	3.7	18.8	55.0	112.8	185.0	275.2	412.5	551.3	682.5
5°	0.0	2.0	3.8	20.0	57.6	117.2	190.9	282.8	424.7	562.3	693.9
2.5°	0.0	2.0	3.9	21.0	60.0	120.9	196.0	289.1	434.7	570.7	702.6
0°	0.0	2.0	4.0	22.0	62.1	124.1	200.2	294.2	442.4	576.5	708.6
-2.5°	0.0	2.1	4.6	23.4	64.9	128.0	205.6	302.7	451.1	584.8	718.0
-5°	0.0	2.3	5.2	24.7	67.4	131.3	210.2	309.8	457.4	590.8	724.6
-7.5°	0.0	2.4	5.8	25.8	69.6	133.9	213.7	315.4	461.4	594.5	728.6
-10°	0.0	2.5	6.3	26.8	71.3	135.9	216.2	319.3	463.1	596.0	729.8
-12.5°	0.0	2.6	6.9	27.7	72.6	137.3	217.8	321.6	462.5	595.0	726.4
-15°	0.0	2.7	7.4	28.4	73.5	137.9	218.2	322.1	459.2	589.9	719.3
-17.5°	0.0	2.8	7.8	29.0	73.9	137.8	217.6	321.4	453.2	582.8	709.6
-20°	0.0	2.8	8.2	29.3	73.8	137.0	216.9	319.9	445.8	574.1	697.1

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6C-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	2.9	8.6	29.5	73.2	135.5	217.1	317.0	437.0	563.6	682.0
-25°	0.0	3.0	8.9	29.5	72.1	135.0	216.1	312.8	427.0	551.6	664.3
-27.5°	0.0	3.0	9.2	29.3	70.4	134.5	214.0	307.3	415.9	537.8	647.9
-30°	0.0	3.0	9.4	28.9	68.4	133.0	210.9	300.5	406.1	522.1	630.2
-32.5°	0.0	3.0	9.6	28.3	67.5	130.8	206.6	294.8	396.4	505.8	611.3
-35°	0.0	3.0	9.7	27.4	66.1	127.6	202.6	288.6	385.4	489.0	591.3
-37.5°	0.0	3.0	9.7	26.4	64.1	124.2	198.0	281.2	373.1	471.7	567.7
-40°	0.0	3.0	9.7	25.1	61.5	121.2	192.3	272.5	359.6	455.5	542.5
-42.5°	0.0	3.0	9.6	24.0	59.7	117.4	185.5	262.6	347.1	434.5	515.6
-45°	0.0	2.9	9.4	23.1	58.5	112.8	177.6	252.2	334.3	412.1	487.7
-47.5°	0.0	2.8	9.2	21.8	56.7	107.4	168.7	241.6	320.0	388.8	461.9
-50°	0.0	2.8	8.9	21.4	54.4	101.3	160.8	229.7	301.1	367.7	435.3
-52.5°	0.0	2.7	8.6	21.1	51.4	94.5	152.3	216.5	282.4	345.5	408.3
-55°	0.0	2.6	8.2	20.6	47.8	89.0	142.9	202.5	263.1	322.5	382.8
-57.5°	0.0	2.4	7.7	19.8	43.7	82.9	132.6	189.9	242.9	299.3	356.4
-60°	0.0	2.3	7.2	18.7	39.2	76.1	121.6	174.7	222.1	275.2	329.2
-62.5°	0.0	2.2	6.8	17.4	36.5	68.4	111.0	157.9	201.5	250.2	301.1
-65°	0.0	2.0	6.3	15.8	33.4	60.1	99.3	140.4	179.5	223.8	272.0
-67.5°	0.0	1.8	5.8	14.1	29.8	52.6	86.6	122.7	156.4	195.9	239.7
-70°	0.0	1.6	5.2	12.1	26.0	46.1	73.0	104.3	134.5	166.7	205.0
-72.5°	0.0	1.5	4.6	10.7	21.8	39.1	62.1	85.4	112.0	140.2	170.0
-75°	0.0	1.3	4.0	9.3	17.3	31.7	50.9	69.6	88.9	113.1	138.8
-77.5°	0.0	1.1	3.4	7.9	14.3	23.9	39.3	54.7	70.5	87.3	106.7
-80°	0.0	0.9	2.7	6.4	11.6	18.2	27.1	39.5	52.4	66.1	80.4
-82.5°	0.0	0.6	2.1	4.8	8.8	13.8	20.0	26.4	34.1	44.6	55.6
-85°	0.0	0.4	1.4	3.2	5.9	9.3	13.4	17.7	22.5	27.8	33.7
-87.5°	0.0	0.2	0.7	1.6	2.9	4.6	6.7	8.9	11.3	14.0	16.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.5	1.6
85°	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
75°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
72.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
70°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.7
67.5°	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	1.5	1.0
65°	2.0	2.0	2.7	3.0	2.1	2.0	2.0	2.0	2.1	1.8	1.8
62.5°	2.9	3.6	4.5	7.0	5.2	2.0	3.9	4.6	3.1	2.5	2.7
60°	8.8	6.0	15.4	21.4	14.0	7.4	9.1	18.2	15.0	4.1	10.6
57.5°	17.7	21.8	38.8	40.7	31.3	21.1	46.3	51.4	42.6	26.7	38.5
55°	36.8	51.8	65.5	64.7	65.0	81.8	96.1	94.4	83.2	114.7	144.5
52.5°	69.7	85.2	94.3	102.7	126.1	141.6	146.1	154.9	187.5	226.6	233.6
50°	102.3	118.3	130.2	160.6	184.6	196.9	208.3	238.2	287.5	314.3	318.6
47.5°	135.3	153.1	184.6	217.9	241.1	259.6	279.4	347.2	402.3	425.1	433.4
45°	169.7	200.6	239.8	274.0	300.9	326.0	390.3	483.0	521.8	556.8	645.7
42.5°	205.5	251.9	296.1	332.0	362.2	414.7	504.3	594.2	649.6	724.0	831.5
40°	251.0	303.1	354.4	390.8	428.6	508.2	619.1	714.2	772.8	872.7	995.1
37.5°	297.3	358.2	413.6	452.0	505.1	612.7	743.1	856.9	929.7	1011.0	1207.8
35°	343.1	414.4	471.2	522.8	588.3	736.7	897.4	1024.1	1114.0	1253.2	1502.3
32.5°	391.9	471.6	529.7	599.9	707.6	873.6	1070.9	1211.5	1360.7	1560.9	1959.9
30°	443.8	525.2	591.9	676.3	820.8	1014.4	1243.4	1420.1	1622.7	1947.8	2377.9
27.5°	495.6	578.6	660.8	768.1	926.7	1136.0	1375.1	1653.7	1915.5	2279.1	2749.3
25°	545.4	633.0	728.3	858.0	1029.5	1248.5	1509.6	1831.0	2172.6	2588.6	3140.6
22.5°	592.9	688.2	799.8	939.2	1116.3	1355.5	1666.7	2044.3	2454.8	2885.6	3520.0
20°	639.5	749.9	878.0	1033.9	1196.1	1454.0	1820.4	2277.7	2792.1	3382.3	4004.0
17.5°	685.6	810.9	958.7	1132.0	1328.5	1592.5	1978.0	2522.4	3148.4	3916.6	4682.0
15°	730.7	870.6	1036.7	1228.9	1462.1	1777.5	2215.5	2813.8	3570.2	4490.0	5396.7
12.5°	774.4	928.5	1111.6	1323.6	1591.6	1951.8	2439.3	3084.7	3951.5	5050.4	6164.2
10°	816.3	984.1	1182.8	1414.9	1715.7	2113.9	2637.1	3319.1	4239.1	5371.6	6610.4
7.5°	837.6	1021.8	1243.5	1501.8	1832.8	2262.7	2809.2	3517.3	4463.8	5629.9	6872.1
5°	852.9	1039.0	1266.3	1536.5	1897.1	2364.0	2940.9	3679.2	4629.5	5824.3	7049.3
2.5°	864.6	1051.3	1282.9	1556.1	1922.5	2397.7	2984.5	3735.7	4718.3	5925.7	7152.6
0°	872.7	1058.9	1293.1	1567.3	1935.6	2414.0	3004.5	3759.2	4756.0	5949.0	7190.1
-2.5°	881.3	1069.2	1303.9	1584.7	1954.0	2436.2	3026.6	3775.8	4784.3	5955.5	7210.4
-5°	886.2	1074.8	1308.1	1593.2	1959.9	2440.4	3025.1	3760.0	4761.8	5908.8	7166.3
-7.5°	887.6	1075.4	1305.7	1591.5	1952.4	2421.5	2993.1	3713.0	4684.1	5814.2	7058.0
-10°	885.4	1070.7	1297.1	1577.1	1930.4	2382.2	2935.9	3631.7	4556.5	5658.0	6875.2
-12.5°	878.9	1060.7	1281.7	1553.5	1895.0	2326.3	2855.4	3515.8	4379.3	5440.9	6617.4
-15°	868.6	1045.7	1259.4	1520.9	1846.2	2254.4	2751.8	3365.3	4151.1	5164.9	6296.4
-17.5°	854.3	1026.0	1230.2	1479.2	1783.8	2167.0	2626.7	3189.2	3905.1	4856.9	5939.6
-20°	836.0	1001.3	1194.1	1428.7	1711.9	2075.0	2510.5	3033.2	3674.9	4504.2	5518.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627862 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	813.8	971.9	1155.9	1380.3	1648.1	1979.4	2380.7	2856.4	3416.6	4096.6	5058.9
-25°	791.1	943.8	1118.8	1326.5	1575.2	1871.1	2232.1	2665.4	3172.8	3795.2	4590.8
-27.5°	768.6	911.4	1075.8	1264.4	1493.5	1759.3	2092.4	2487.5	2939.7	3468.9	4116.8
-30°	743.3	875.3	1028.4	1199.3	1415.2	1662.0	1949.9	2288.4	2690.5	3168.7	3731.9
-32.5°	715.6	836.6	982.6	1142.9	1331.4	1556.0	1805.0	2111.2	2461.0	2855.6	3342.3
-35°	688.1	803.5	935.6	1082.2	1241.3	1451.7	1680.5	1934.5	2232.1	2581.5	2970.8
-37.5°	661.6	767.3	885.3	1022.0	1171.2	1345.9	1548.0	1777.3	2033.5	2311.5	2647.8
-40°	632.1	728.3	839.9	963.8	1095.7	1247.2	1429.4	1624.1	1844.5	2089.1	2348.9
-42.5°	600.0	692.5	794.3	901.1	1022.1	1157.4	1308.5	1486.6	1669.8	1874.7	2101.4
-45°	568.6	653.6	746.7	844.1	946.0	1065.5	1202.7	1350.8	1513.3	1680.5	1871.0
-47.5°	535.5	613.1	699.8	784.6	875.0	976.9	1093.3	1227.7	1363.2	1512.1	1659.8
-50°	502.4	575.2	648.1	727.3	808.2	893.0	991.4	1107.4	1230.7	1354.2	1484.2
-52.5°	472.7	535.7	601.5	669.5	743.2	818.7	900.7	996.3	1104.1	1212.9	1325.0
-55°	442.4	500.5	554.9	615.8	679.5	747.5	820.6	901.0	982.3	1081.5	1177.9
-57.5°	412.8	464.3	511.6	563.5	620.2	678.0	743.9	812.2	886.0	960.9	1039.8
-60°	383.1	426.9	469.8	514.7	562.3	613.6	666.6	726.7	790.0	855.1	923.4
-62.5°	352.4	387.9	425.7	466.8	508.7	548.2	592.7	641.8	694.0	749.9	807.8
-65°	318.1	347.5	379.1	414.9	454.2	486.1	520.1	557.0	600.2	646.2	691.7
-67.5°	281.4	307.4	333.2	359.8	391.6	420.2	448.2	477.6	509.8	547.5	583.9
-70°	240.5	266.5	289.2	311.2	331.5	351.9	375.7	398.8	424.8	458.6	491.8
-72.5°	199.0	223.4	244.9	263.5	277.8	290.0	304.6	321.4	346.4	377.7	406.9
-75°	161.0	180.7	200.8	218.7	227.9	231.5	234.6	243.4	268.7	300.8	329.2
-77.5°	125.4	142.5	158.9	174.6	181.0	183.5	184.8	184.7	203.3	230.7	259.5
-80°	92.3	104.2	118.1	131.5	135.5	136.7	136.8	136.0	151.2	170.9	192.0
-82.5°	64.1	72.7	81.6	90.7	91.9	91.3	90.0	88.7	101.0	115.2	129.8
-85°	37.3	40.9	46.3	51.9	52.6	52.3	51.4	49.8	56.6	64.3	72.5
-87.5°	18.7	20.5	22.3	24.1	23.5	22.5	21.3	19.8	21.7	23.7	25.8
-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: P627862 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	1.6	1.3	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.0	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.0	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.0	1.6	1.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.0	1.6	1.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	2.0	1.7	1.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2.0	1.7	1.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.2	0.5	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.9	1.0	1.0	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.1	2.0	1.5	1.0	0.5	0.4	0.5	0.4	0.2	0.0	0.0
62.5°	2.6	2.5	1.8	1.7	1.8	2.0	1.6	1.4	1.3	1.4	1.6
60°	11.3	6.5	6.6	8.4	7.1	3.3	6.5	8.3	7.7	5.9	5.1
57.5°	57.5	48.1	33.6	56.3	58.0	40.4	43.8	57.2	55.5	42.9	42.7
55°	144.8	146.8	157.6	171.9	182.5	187.4	191.7	213.2	236.2	258.7	269.9
52.5°	239.1	267.1	301.9	324.9	341.0	374.0	420.1	441.3	461.9	485.3	502.2
50°	352.1	400.7	435.7	440.8	495.6	531.3	539.6	579.4	622.7	649.6	669.0
47.5°	523.9	585.4	615.8	635.3	702.0	775.2	775.3	798.2	906.6	963.3	990.6
45°	754.6	805.9	859.7	999.5	1128.1	1168.9	1256.2	1374.5	1451.4	1557.2	1673.5
42.5°	951.1	1047.3	1182.1	1336.1	1465.0	1572.3	1702.1	1844.2	2015.0	2175.6	2314.2
40°	1145.5	1264.6	1431.6	1599.1	1761.4	1910.1	2119.2	2302.0	2503.5	2724.4	2908.6
37.5°	1399.1	1551.7	1724.3	1935.5	2188.1	2353.2	2640.8	2903.5	3130.5	3397.3	3561.6
35°	1788.8	1987.6	2140.4	2567.4	2874.7	3067.7	3408.2	3840.0	4005.7	4341.7	4501.2
32.5°	2278.7	2542.9	2945.0	3510.4	3920.7	4276.1	4785.1	5223.2	5596.7	5934.1	6285.1
30°	2829.2	3236.8	3829.5	4580.8	4997.6	5495.3	6183.6	6703.2	7288.8	7931.7	8156.9
27.5°	3328.6	3939.3	4627.5	5236.0	5834.6	6454.6	7130.9	7798.3	8432.2	8967.1	9326.1
25°	3791.6	4531.2	5199.9	5850.2	6498.9	7197.1	7962.0	8719.0	9416.5	9966.9	10385.4
22.5°	4269.2	5050.4	5765.9	6425.8	7180.3	7971.5	8784.9	9653.1	10446.9	11018.0	11473.9
20°	4718.1	5587.1	6403.2	7154.5	7867.7	8781.0	9717.8	10638.7	11503.1	12183.4	12709.0
17.5°	5430.8	6185.1	7182.5	8158.5	8962.1	9801.0	11052.7	12003.2	12962.6	13777.2	14334.5
15°	6306.0	7135.4	8165.4	9505.7	10606.7	11568.0	12861.1	14407.3	15538.9	16578.8	17292.3
12.5°	7181.9	8120.0	9234.1	10742.5	12310.1	13442.3	15011.1	16970.4	18288.4	19898.6	20692.3
10°	7853.2	9031.3	10178.6	11555.1	13060.6	14672.9	16364.1	18197.1	19958.2	21340.8	22576.7
7.5°	8123.5	9378.4	10706.5	12111.0	13616.3	15280.4	17082.8	18990.2	20802.6	22346.9	23705.1
5°	8325.6	9611.3	10948.2	12384.3	13993.5	15731.2	17560.5	19563.1	21413.9	23069.1	24458.7
2.5°	8454.0	9751.8	11082.9	12542.9	14235.4	16024.7	17912.8	19968.4	21847.1	23551.0	24936.2
0°	8503.2	9782.2	11145.4	12648.7	14324.1	16117.6	18087.3	20167.0	22060.6	23708.0	25133.2
-2.5°	8509.8	9753.9	11149.5	12645.4	14248.5	16058.8	18052.3	20114.7	21969.8	23610.5	25048.5
-5°	8443.0	9686.6	11083.5	12556.7	14162.0	15958.7	17866.6	19859.5	21628.9	23225.7	24610.1
-7.5°	8307.7	9547.8	10913.7	12353.2	13915.3	15658.0	17490.4	19343.3	21079.0	22610.5	23931.8
-10°	8106.7	9320.7	10639.4	12042.0	13520.0	15177.7	16924.9	18695.2	20322.9	21739.2	22961.0
-12.5°	7834.6	9020.6	10279.9	11618.9	12994.7	14575.1	16224.9	17887.4	19370.9	20663.9	21760.1
-15°	7481.2	8639.6	9858.9	11125.2	12459.4	13888.6	15369.2	16894.1	18262.3	19409.0	20410.4
-17.5°	7065.0	8188.4	9346.4	10520.3	11786.2	13127.0	14501.5	15870.3	17037.3	18056.0	18971.7
-20°	6600.9	7683.3	8783.2	9877.6	11026.1	12266.3	13535.6	14738.0	15757.8	16683.4	17521.4



REPORT NUMBER: P627862 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	6080.6	7116.6	8170.9	9195.0	10230.7	11353.6	12487.3	13574.6	14528.5	15320.3	16048.5
-25°	5523.6	6480.9	7476.4	8436.6	9389.9	10396.2	11425.9	12426.3	13265.8	13953.3	14555.0
-27.5°	4962.3	5837.1	6714.2	7618.2	8499.3	9427.8	10360.1	11224.2	11977.9	12610.9	13116.5
-30°	4372.4	5154.4	5955.4	6773.3	7614.7	8464.4	9306.8	10063.3	10721.3	11278.0	11715.0
-32.5°	3882.1	4476.2	5183.4	5925.9	6714.5	7488.8	8221.5	8911.1	9531.2	10017.2	10387.8
-35°	3412.2	3915.3	4444.9	5102.1	5779.7	6492.1	7166.1	7781.6	8334.3	8759.1	9107.7
-37.5°	3008.2	3406.1	3854.0	4323.2	4891.3	5480.2	6088.5	6667.4	7160.2	7530.8	7842.1
-40°	2658.5	2972.7	3330.6	3702.5	4120.5	4543.6	5073.3	5561.8	5964.0	6310.4	6592.5
-42.5°	2342.4	2607.5	2871.8	3176.9	3492.3	3832.4	4204.1	4565.4	4874.1	5164.0	5403.6
-45°	2069.5	2281.3	2492.0	2727.6	2959.2	3235.8	3501.3	3738.3	3988.4	4205.4	4376.2
-47.5°	1830.9	1996.0	2176.6	2353.0	2538.9	2747.2	2944.9	3125.1	3308.4	3467.1	3594.4
-50°	1618.9	1755.7	1903.2	2041.7	2192.1	2344.5	2490.7	2634.1	2773.2	2894.0	2987.9
-52.5°	1433.3	1552.8	1667.7	1778.1	1897.6	2010.4	2116.2	2234.6	2343.5	2438.6	2502.9
-55°	1275.2	1372.9	1467.0	1559.2	1649.6	1735.0	1819.4	1911.3	1995.3	2071.0	2118.8
-57.5°	1126.8	1209.9	1289.6	1364.9	1436.6	1504.6	1575.6	1646.3	1711.0	1768.1	1805.1
-60°	991.7	1059.6	1128.6	1190.0	1247.9	1302.2	1362.0	1418.5	1470.8	1514.7	1540.3
-62.5°	868.1	929.0	979.9	1028.4	1077.6	1126.6	1169.0	1210.8	1251.1	1285.1	1307.4
-65°	738.7	790.3	833.7	872.7	908.0	945.9	982.1	1014.8	1043.9	1066.0	1080.1
-67.5°	623.0	661.0	695.7	726.7	758.2	788.6	816.4	841.3	863.2	878.6	888.8
-70°	522.5	551.5	579.9	608.1	636.1	659.8	680.0	698.6	715.4	722.4	725.5
-72.5°	434.2	459.9	484.9	509.8	533.1	551.5	566.4	580.0	592.3	581.7	563.2
-75°	354.1	376.7	400.0	422.0	442.6	456.7	467.7	477.9	487.1	464.3	432.7
-77.5°	288.5	308.4	325.7	342.9	359.8	368.8	375.8	382.7	389.3	363.7	331.4
-80°	214.1	230.1	244.8	259.2	273.4	278.7	281.8	284.0	285.1	263.3	238.0
-82.5°	144.6	153.0	161.0	169.4	178.0	182.5	185.9	188.5	190.4	174.9	157.4
-85°	81.0	83.6	85.5	87.2	88.6	91.4	94.1	96.6	98.9	91.5	83.4
-87.5°	27.8	27.8	27.7	27.5	27.2	27.3	27.3	27.2	27.0	25.9	24.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627862 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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	0.4
62.5°	1.8	1.9	2.0	2.0	2.0	1.9	1.8	1.6	1.4	1.3	1.4
60°	3.9	2.4	2.0	2.0	2.0	2.4	3.9	5.1	5.9	7.7	8.3
57.5°	39.8	34.7	31.1	28.0	31.1	34.7	39.8	42.7	42.9	55.5	57.2
55°	265.1	246.8	224.5	198.2	224.5	246.8	265.1	269.9	258.7	236.2	213.2
52.5°	520.1	537.4	547.4	546.5	547.4	537.4	520.1	502.2	485.3	461.9	441.3
50°	684.5	693.9	694.4	686.6	694.4	693.9	684.5	669.0	649.6	622.7	579.4
47.5°	1002.9	989.7	967.1	942.8	967.1	989.7	1002.9	990.6	963.3	906.6	798.2
45°	1750.0	1792.1	1789.4	1735.5	1789.4	1792.1	1750.0	1673.5	1557.2	1451.4	1374.5
42.5°	2391.6	2454.7	2499.4	2522.1	2499.4	2454.7	2391.6	2314.2	2175.6	2015.0	1844.2
40°	3012.3	3073.3	3100.1	3098.6	3100.1	3073.3	3012.3	2908.6	2724.4	2503.5	2302.0
37.5°	3668.2	3747.1	3785.4	3767.2	3785.4	3747.1	3668.2	3561.6	3397.3	3130.5	2903.5
35°	4570.2	4644.0	4645.4	4607.9	4645.4	4644.0	4570.2	4501.2	4341.7	4005.7	3840.0
32.5°	6563.8	6588.6	6398.7	6331.3	6398.7	6588.6	6563.8	6285.1	5934.1	5596.7	5223.2
30°	8381.0	8556.2	8719.2	8801.4	8719.2	8556.2	8381.0	8156.9	7931.7	7288.8	6703.2
27.5°	9596.7	9807.4	9938.0	9946.4	9938.0	9807.4	9596.7	9326.1	8967.1	8432.2	7798.3
25°	10702.5	10938.2	11080.6	11129.4	11080.6	10938.2	10702.5	10385.4	9966.9	9416.5	8719.0
22.5°	11860.9	12138.7	12322.7	12360.4	12322.7	12138.7	11860.9	11473.9	11018.0	10446.9	9653.1
20°	13205.0	13528.3	13704.8	13697.5	13704.8	13528.3	13205.0	12709.0	12183.4	11503.1	10638.7
17.5°	14974.5	15321.2	15473.6	15407.0	15473.6	15321.2	14974.5	14334.5	13777.2	12962.6	12003.2
15°	18024.6	18750.0	18747.0	18457.6	18747.0	18750.0	18024.6	17292.3	16578.8	15538.9	14407.3
12.5°	21787.0	22327.5	22882.2	23001.4	22882.2	22327.5	21787.0	20692.3	19898.6	18288.4	16970.4
10°	23617.7	24335.6	24809.4	24796.9	24809.4	24335.6	23617.7	22576.7	21340.8	19958.2	18197.1
7.5°	24763.1	25556.2	26130.3	26118.0	26130.3	25556.2	24763.1	23705.1	22346.9	20802.6	18990.2
5°	25646.9	26526.6	27035.2	27072.8	27035.2	26526.6	25646.9	24458.7	23069.1	21413.9	19563.1
2.5°	26106.2	27024.3	27635.7	27555.2	27635.7	27024.3	26106.2	24936.2	23551.0	21847.1	19968.4
0°	26298.2	27206.9	27777.4	28023.6	27777.4	27206.9	26298.2	25133.2	23708.0	22060.6	20167.0
-2.5°	26214.3	27098.6	27729.1	27753.4	27729.1	27098.6	26214.3	25048.5	23610.5	21969.8	20114.7
-5°	25765.1	26698.3	27120.6	27345.1	27120.6	26698.3	25765.1	24610.1	23225.7	21628.9	19859.5
-7.5°	25040.8	25740.1	26276.6	26524.4	26276.6	25740.1	25040.8	23931.8	22610.5	21079.0	19343.3
-10°	23913.4	24637.4	25090.8	25295.3	25090.8	24637.4	23913.4	22961.0	21739.2	20322.9	18695.2
-12.5°	22664.6	23322.5	23753.6	23926.2	23753.6	23322.5	22664.6	21760.1	20663.9	19370.9	17887.4
-15°	21271.3	21868.7	22265.4	22430.9	22265.4	21868.7	21271.3	20410.4	19409.0	18262.3	16894.1
-17.5°	19737.5	20261.0	20656.3	20775.5	20656.3	20261.0	19737.5	18971.7	18056.0	17037.3	15870.3
-20°	18160.4	18633.6	18959.2	19030.0	18959.2	18633.6	18160.4	17521.4	16683.4	15757.8	14738.0



REPORT NUMBER: P627862 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	16571.2	16961.0	17225.5	17314.6	17225.5	16961.0	16571.2	16048.5	15320.3	14528.5	13574.6
-25°	15018.2	15354.6	15567.5	15647.2	15567.5	15354.6	15018.2	14555.0	13953.3	13265.8	12426.3
-27.5°	13524.5	13838.1	14033.7	14059.9	14033.7	13838.1	13524.5	13116.5	12610.9	11977.9	11224.2
-30°	12054.9	12314.0	12464.7	12528.6	12464.7	12314.0	12054.9	11715.0	11278.0	10721.3	10063.3
-32.5°	10681.4	10907.7	11043.2	11079.3	11043.2	10907.7	10681.4	10387.8	10017.2	9531.2	8911.1
-35°	9384.8	9593.8	9713.8	9704.2	9713.8	9593.8	9384.8	9107.7	8759.1	8334.3	7781.6
-37.5°	8099.5	8292.3	8401.2	8391.1	8401.2	8292.3	8099.5	7842.1	7530.8	7160.2	6667.4
-40°	6824.5	6990.8	7086.7	7110.0	7086.7	6990.8	6824.5	6592.5	6310.4	5964.0	5561.8
-42.5°	5602.8	5756.4	5833.2	5802.9	5833.2	5756.4	5602.8	5403.6	5164.0	4874.1	4565.4
-45°	4495.7	4575.1	4627.4	4659.9	4627.4	4575.1	4495.7	4376.2	4205.4	3988.4	3738.3
-47.5°	3687.6	3753.4	3789.0	3795.2	3789.0	3753.4	3687.6	3594.4	3467.1	3308.4	3125.1
-50°	3061.0	3117.0	3141.7	3134.6	3141.7	3117.0	3061.0	2987.9	2894.0	2773.2	2634.1
-52.5°	2549.2	2581.6	2603.6	2614.2	2603.6	2581.6	2549.2	2502.9	2438.6	2343.5	2234.6
-55°	2154.8	2180.1	2194.9	2199.9	2194.9	2180.1	2154.8	2118.8	2071.0	1995.3	1911.3
-57.5°	1835.9	1860.0	1868.7	1865.6	1868.7	1860.0	1835.9	1805.1	1768.1	1711.0	1646.3
-60°	1560.0	1573.7	1584.0	1589.3	1584.0	1573.7	1560.0	1540.3	1514.7	1470.8	1418.5
-62.5°	1325.2	1338.1	1348.9	1355.1	1348.9	1338.1	1325.2	1307.4	1285.1	1251.1	1210.8
-65°	1090.0	1095.7	1097.3	1094.9	1097.3	1095.7	1090.0	1080.1	1066.0	1043.9	1014.8
-67.5°	896.3	901.1	904.3	904.8	904.3	901.1	896.3	888.8	878.6	863.2	841.3
-70°	728.6	730.6	728.3	722.6	728.3	730.6	728.6	725.5	722.4	715.4	698.6
-72.5°	544.3	524.3	504.4	482.4	504.4	524.3	544.3	563.2	581.7	592.3	580.0
-75°	400.1	366.4	354.1	342.3	354.1	366.4	400.1	432.7	464.3	487.1	477.9
-77.5°	297.6	262.4	253.1	244.2	253.1	262.4	297.6	331.4	363.7	389.3	382.7
-80°	211.5	184.1	178.0	172.1	178.0	184.1	211.5	238.0	263.3	285.1	284.0
-82.5°	139.0	119.8	116.0	112.1	116.0	119.8	139.0	157.4	174.9	190.4	188.5
-85°	74.8	65.8	64.0	62.1	64.0	65.8	74.8	83.4	91.5	98.9	96.6
-87.5°	23.3	21.9	22.0	22.0	22.0	21.9	23.3	24.6	25.9	27.0	27.2
-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: P627862 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-U-WR-VSR-XX

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	0.4	0.9	1.3	1.6	1.6	1.5	1.5	1.4
85°	0.0	0.0	0.0	0.5	1.0	1.5	2.0	2.0	2.0	2.0	2.0
82.5°	0.0	0.0	0.0	0.5	1.0	1.5	2.0	2.0	2.0	2.0	2.0
80°	0.0	0.0	0.1	0.6	1.1	1.6	2.0	2.0	2.0	2.0	2.0
77.5°	0.0	0.0	0.1	0.6	1.1	1.6	2.0	2.0	2.0	2.0	2.0
75°	0.0	0.0	0.2	0.7	1.2	1.7	2.0	2.0	2.0	2.0	2.0
72.5°	0.0	0.0	0.1	0.6	1.2	1.7	2.0	2.0	2.0	2.0	2.0
70°	0.0	0.0	0.1	0.1	0.1	0.5	1.2	1.7	2.0	2.0	2.0
67.5°	0.0	0.0	0.4	0.8	1.0	1.0	0.9	1.0	1.5	2.0	2.0
65°	0.5	0.4	0.5	1.0	1.5	2.0	2.1	1.8	1.8	2.1	2.0
62.5°	1.6	2.0	1.8	1.7	1.8	2.5	2.6	2.7	2.5	3.1	4.6
60°	6.5	3.3	7.1	8.4	6.6	6.5	11.3	10.6	4.1	15.0	18.2
57.5°	43.8	40.4	58.0	56.3	33.6	48.1	57.5	38.5	26.7	42.6	51.4
55°	191.7	187.4	182.5	171.9	157.6	146.8	144.8	144.5	114.7	83.2	94.4
52.5°	420.1	374.0	341.0	324.9	301.9	267.1	239.1	233.6	226.6	187.5	154.9
50°	539.6	531.3	495.6	440.8	435.7	400.7	352.1	318.6	314.3	287.5	238.2
47.5°	775.3	775.2	702.0	635.3	615.8	585.4	523.9	433.4	425.1	402.3	347.2
45°	1256.2	1168.9	1128.1	999.5	859.7	805.9	754.6	645.7	556.8	521.8	483.0
42.5°	1702.1	1572.3	1465.0	1336.1	1182.1	1047.3	951.1	831.5	724.0	649.6	594.2
40°	2119.2	1910.1	1761.4	1599.1	1431.6	1264.6	1145.5	995.1	872.7	772.8	714.2
37.5°	2640.8	2353.2	2188.1	1935.5	1724.3	1551.7	1399.1	1207.8	1011.0	929.7	856.9
35°	3408.2	3067.7	2874.7	2567.4	2140.4	1987.6	1788.8	1502.3	1253.2	1114.0	1024.1
32.5°	4785.1	4276.1	3920.7	3510.4	2945.0	2542.9	2278.7	1959.9	1560.9	1360.7	1211.5
30°	6183.6	5495.3	4997.6	4580.8	3829.5	3236.8	2829.2	2377.9	1947.8	1622.7	1420.1
27.5°	7130.9	6454.6	5834.6	5236.0	4627.5	3939.3	3328.6	2749.3	2279.1	1915.5	1653.7
25°	7962.0	7197.1	6498.9	5850.2	5199.9	4531.2	3791.6	3140.6	2588.6	2172.6	1831.0
22.5°	8784.9	7971.5	7180.3	6425.8	5765.9	5050.4	4269.2	3520.0	2885.6	2454.8	2044.3
20°	9717.8	8781.0	7867.7	7154.5	6403.2	5587.1	4718.1	4004.0	3382.3	2792.1	2277.7
17.5°	11052.7	9801.0	8962.1	8158.5	7182.5	6185.1	5430.8	4682.0	3916.6	3148.4	2522.4
15°	12861.1	11568.0	10606.7	9505.7	8165.4	7135.4	6306.0	5396.7	4490.0	3570.2	2813.8
12.5°	15011.1	13442.3	12310.1	10742.5	9234.1	8120.0	7181.9	6164.2	5050.4	3951.5	3084.7
10°	16364.1	14672.9	13060.6	11555.1	10178.6	9031.3	7853.2	6610.4	5371.6	4239.1	3319.1
7.5°	17082.8	15280.4	13616.3	12111.0	10706.5	9378.4	8123.5	6872.1	5629.9	4463.8	3517.3
5°	17560.5	15731.2	13993.5	12384.3	10948.2	9611.3	8325.6	7049.3	5824.3	4629.5	3679.2
2.5°	17912.8	16024.7	14235.4	12542.9	11082.9	9751.8	8454.0	7152.6	5925.7	4718.3	3735.7
0°	18087.3	16117.6	14324.1	12648.7	11145.4	9782.2	8503.2	7190.1	5949.0	4756.0	3759.2
-2.5°	18052.3	16058.8	14248.5	12645.4	11149.5	9753.9	8509.8	7210.4	5955.5	4784.3	3775.8
-5°	17866.6	15958.7	14162.0	12556.7	11083.5	9686.6	8443.0	7166.3	5908.8	4761.8	3760.0
-7.5°	17490.4	15658.0	13915.3	12353.2	10913.7	9547.8	8307.7	7058.0	5814.2	4684.1	3713.0
-10°	16924.9	15177.7	13520.0	12042.0	10639.4	9320.7	8106.7	6875.2	5658.0	4556.5	3631.7
-12.5°	16224.9	14575.1	12994.7	11618.9	10279.9	9020.6	7834.6	6617.4	5440.9	4379.3	3515.8
-15°	15369.2	13888.6	12459.4	11125.2	9858.9	8639.6	7481.2	6296.4	5164.9	4151.1	3365.3
-17.5°	14501.5	13127.0	11786.2	10520.3	9346.4	8188.4	7065.0	5939.6	4856.9	3905.1	3189.2
-20°	13535.6	12266.3	11026.1	9877.6	8783.2	7683.3	6600.9	5518.6	4504.2	3674.9	3033.2



REPORT NUMBER: P627862 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	12487.3	11353.6	10230.7	9195.0	8170.9	7116.6	6080.6	5058.9	4096.6	3416.6	2856.4
-25°	11425.9	10396.2	9389.9	8436.6	7476.4	6480.9	5523.6	4590.8	3795.2	3172.8	2665.4
-27.5°	10360.1	9427.8	8499.3	7618.2	6714.2	5837.1	4962.3	4116.8	3468.9	2939.7	2487.5
-30°	9306.8	8464.4	7614.7	6773.3	5955.4	5154.4	4372.4	3731.9	3168.7	2690.5	2288.4
-32.5°	8221.5	7488.8	6714.5	5925.9	5183.4	4476.2	3882.1	3342.3	2855.6	2461.0	2111.2
-35°	7166.1	6492.1	5779.7	5102.1	4444.9	3915.3	3412.2	2970.8	2581.5	2232.1	1934.5
-37.5°	6088.5	5480.2	4891.3	4323.2	3854.0	3406.1	3008.2	2647.8	2311.5	2033.5	1777.3
-40°	5073.3	4543.6	4120.5	3702.5	3330.6	2972.7	2658.5	2348.9	2089.1	1844.5	1624.1
-42.5°	4204.1	3832.4	3492.3	3176.9	2871.8	2607.5	2342.4	2101.4	1874.7	1669.8	1486.6
-45°	3501.3	3235.8	2959.2	2727.6	2492.0	2281.3	2069.5	1871.0	1680.5	1513.3	1350.8
-47.5°	2944.9	2747.2	2538.9	2353.0	2176.6	1996.0	1830.9	1659.8	1512.1	1363.2	1227.7
-50°	2490.7	2344.5	2192.1	2041.7	1903.2	1755.7	1618.9	1484.2	1354.2	1230.7	1107.4
-52.5°	2116.2	2010.4	1897.6	1778.1	1667.7	1552.8	1433.3	1325.0	1212.9	1104.1	996.3
-55°	1819.4	1735.0	1649.6	1559.2	1467.0	1372.9	1275.2	1177.9	1081.5	982.3	901.0
-57.5°	1575.6	1504.6	1436.6	1364.9	1289.6	1209.9	1126.8	1039.8	960.9	886.0	812.2
-60°	1362.0	1302.2	1247.9	1190.0	1128.6	1059.6	991.7	923.4	855.1	790.0	726.7
-62.5°	1169.0	1126.6	1077.6	1028.4	979.9	929.0	868.1	807.8	749.9	694.0	641.8
-65°	982.1	945.9	908.0	872.7	833.7	790.3	738.7	691.7	646.2	600.2	557.0
-67.5°	816.4	788.6	758.2	726.7	695.7	661.0	623.0	583.9	547.5	509.8	477.6
-70°	680.0	659.8	636.1	608.1	579.9	551.5	522.5	491.8	458.6	424.8	398.8
-72.5°	566.4	551.5	533.1	509.8	484.9	459.9	434.2	406.9	377.7	346.4	321.4
-75°	467.7	456.7	442.6	422.0	400.0	376.7	354.1	329.2	300.8	268.7	243.4
-77.5°	375.8	368.8	359.8	342.9	325.7	308.4	288.5	259.5	230.7	203.3	184.7
-80°	281.8	278.7	273.4	259.2	244.8	230.1	214.1	192.0	170.9	151.2	136.0
-82.5°	185.9	182.5	178.0	169.4	161.0	153.0	144.6	129.8	115.2	101.0	88.7
-85°	94.1	91.4	88.6	87.2	85.5	83.6	81.0	72.5	64.3	56.6	49.8
-87.5°	27.3	27.3	27.2	27.5	27.7	27.8	27.8	25.8	23.7	21.7	19.8
-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: P627862 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.8	0.7	0.6
85°	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.7	1.5	1.4	1.2
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
75°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
72.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
70°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0
67.5°	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.5	2.6	2.0	2.0
65°	2.0	2.0	2.1	3.0	2.7	2.0	2.0	3.8	3.3	2.9	2.0
62.5°	3.9	2.0	5.2	7.0	4.5	3.6	2.9	8.3	5.4	3.8	2.7
60°	9.1	7.4	14.0	21.4	15.4	6.0	8.8	14.3	13.2	4.8	3.8
57.5°	46.3	21.1	31.3	40.7	38.8	21.8	17.7	24.5	22.3	13.0	5.2
55°	96.1	81.8	65.0	64.7	65.5	51.8	36.8	38.0	33.6	23.9	7.6
52.5°	146.1	141.6	126.1	102.7	94.3	85.2	69.7	53.9	50.0	35.7	18.8
50°	208.3	196.9	184.6	160.6	130.2	118.3	102.3	82.2	68.0	49.9	31.1
47.5°	279.4	259.6	241.1	217.9	184.6	153.1	135.3	111.6	87.9	68.5	43.5
45°	390.3	326.0	300.9	274.0	239.8	200.6	169.7	140.6	113.9	87.3	56.1
42.5°	504.3	414.7	362.2	332.0	296.1	251.9	205.5	172.8	139.5	105.9	70.8
40°	619.1	508.2	428.6	390.8	354.4	303.1	251.0	206.3	164.5	125.3	87.0
37.5°	743.1	612.7	505.1	452.0	413.6	358.2	297.3	240.7	190.3	146.3	103.0
35°	897.4	736.7	588.3	522.8	471.2	414.4	343.1	278.0	221.1	167.4	118.8
32.5°	1070.9	873.6	707.6	599.9	529.7	471.6	391.9	320.0	252.6	188.6	134.2
30°	1243.4	1014.4	820.8	676.3	591.9	525.2	443.8	362.3	284.9	209.6	149.9
27.5°	1375.1	1136.0	926.7	768.1	660.8	578.6	495.6	404.8	317.7	232.8	167.2
25°	1509.6	1248.5	1029.5	858.0	728.3	633.0	545.4	447.3	352.5	259.5	184.0
22.5°	1666.7	1355.5	1116.3	939.2	799.8	688.2	592.9	490.4	387.9	286.0	200.4
20°	1820.4	1454.0	1196.1	1033.9	878.0	749.9	639.5	531.4	422.4	312.0	216.2
17.5°	1978.0	1592.5	1328.5	1132.0	958.7	810.9	685.6	570.4	456.0	337.3	231.4
15°	2215.5	1777.5	1462.1	1228.9	1036.7	870.6	730.7	607.0	488.3	361.8	244.9
12.5°	2439.3	1951.8	1591.6	1323.6	1111.6	928.5	774.4	641.4	519.2	382.1	256.2
10°	2637.1	2113.9	1715.7	1414.9	1182.8	984.1	816.3	668.4	537.4	398.3	266.3
7.5°	2809.2	2262.7	1832.8	1501.8	1243.5	1021.8	837.6	682.5	551.3	412.5	275.2
5°	2940.9	2364.0	1897.1	1536.5	1266.3	1039.0	852.9	693.9	562.3	424.7	282.8
2.5°	2984.5	2397.7	1922.5	1556.1	1282.9	1051.3	864.6	702.6	570.7	434.7	289.1
0°	3004.5	2414.0	1935.6	1567.3	1293.1	1058.9	872.7	708.6	576.5	442.4	294.2
-2.5°	3026.6	2436.2	1954.0	1584.7	1303.9	1069.2	881.3	718.0	584.8	451.1	302.7
-5°	3025.1	2440.4	1959.9	1593.2	1308.1	1074.8	886.2	724.6	590.8	457.4	309.8
-7.5°	2993.1	2421.5	1952.4	1591.5	1305.7	1075.4	887.6	728.6	594.5	461.4	315.4
-10°	2935.9	2382.2	1930.4	1577.1	1297.1	1070.7	885.4	729.8	596.0	463.1	319.3
-12.5°	2855.4	2326.3	1895.0	1553.5	1281.7	1060.7	878.9	726.4	595.0	462.5	321.6
-15°	2751.8	2254.4	1846.2	1520.9	1259.4	1045.7	868.6	719.3	589.9	459.2	322.1
-17.5°	2626.7	2167.0	1783.8	1479.2	1230.2	1026.0	854.3	709.6	582.8	453.2	321.4
-20°	2510.5	2075.0	1711.9	1428.7	1194.1	1001.3	836.0	697.1	574.1	445.8	319.9

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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°	2380.7	1979.4	1648.1	1380.3	1155.9	971.9	813.8	682.0	563.6	437.0	317.0
-25°	2232.1	1871.1	1575.2	1326.5	1118.8	943.8	791.1	664.3	551.6	427.0	312.8
-27.5°	2092.4	1759.3	1493.5	1264.4	1075.8	911.4	768.6	647.9	537.8	415.9	307.3
-30°	1949.9	1662.0	1415.2	1199.3	1028.4	875.3	743.3	630.2	522.1	406.1	300.5
-32.5°	1805.0	1556.0	1331.4	1142.9	982.6	836.6	715.6	611.3	505.8	396.4	294.8
-35°	1680.5	1451.7	1241.3	1082.2	935.6	803.5	688.1	591.3	489.0	385.4	288.6
-37.5°	1548.0	1345.9	1171.2	1022.0	885.3	767.3	661.6	567.7	471.7	373.1	281.2
-40°	1429.4	1247.2	1095.7	963.8	839.9	728.3	632.1	542.5	455.5	359.6	272.5
-42.5°	1308.5	1157.4	1022.1	901.1	794.3	692.5	600.0	515.6	434.5	347.1	262.6
-45°	1202.7	1065.5	946.0	844.1	746.7	653.6	568.6	487.7	412.1	334.3	252.2
-47.5°	1093.3	976.9	875.0	784.6	699.8	613.1	535.5	461.9	388.8	320.0	241.6
-50°	991.4	893.0	808.2	727.3	648.1	575.2	502.4	435.3	367.7	301.1	229.7
-52.5°	900.7	818.7	743.2	669.5	601.5	535.7	472.7	408.3	345.5	282.4	216.5
-55°	820.6	747.5	679.5	615.8	554.9	500.5	442.4	382.8	322.5	263.1	202.5
-57.5°	743.9	678.0	620.2	563.5	511.6	464.3	412.8	356.4	299.3	242.9	189.9
-60°	666.6	613.6	562.3	514.7	469.8	426.9	383.1	329.2	275.2	222.1	174.7
-62.5°	592.7	548.2	508.7	466.8	425.7	387.9	352.4	301.1	250.2	201.5	157.9
-65°	520.1	486.1	454.2	414.9	379.1	347.5	318.1	272.0	223.8	179.5	140.4
-67.5°	448.2	420.2	391.6	359.8	333.2	307.4	281.4	239.7	195.9	156.4	122.7
-70°	375.7	351.9	331.5	311.2	289.2	266.5	240.5	205.0	166.7	134.5	104.3
-72.5°	304.6	290.0	277.8	263.5	244.9	223.4	199.0	170.0	140.2	112.0	85.4
-75°	234.6	231.5	227.9	218.7	200.8	180.7	161.0	138.8	113.1	88.9	69.6
-77.5°	184.8	183.5	181.0	174.6	158.9	142.5	125.4	106.7	87.3	70.5	54.7
-80°	136.8	136.7	135.5	131.5	118.1	104.2	92.3	80.4	66.1	52.4	39.5
-82.5°	90.0	91.3	91.9	90.7	81.6	72.7	64.1	55.6	44.6	34.1	26.4
-85°	51.4	52.3	52.6	51.9	46.3	40.9	37.3	33.7	27.8	22.5	17.7
-87.5°	21.3	22.5	23.5	24.1	22.3	20.5	18.7	16.9	14.0	11.3	8.9
-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°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
82.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
80°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
77.5°	2.0	2.0	1.7	1.3	0.9	0.4	0.0
75°	2.0	2.0	2.0	1.5	1.0	0.5	0.0
72.5°	2.0	2.0	2.0	1.8	1.2	0.6	0.0
70°	2.0	2.0	2.0	2.0	1.4	0.7	0.0
67.5°	2.2	2.0	2.0	2.0	1.5	0.8	0.0
65°	2.4	2.2	2.0	2.0	1.7	0.8	0.0
62.5°	2.7	2.7	2.0	2.0	1.8	0.9	0.0
60°	3.1	3.2	2.0	2.0	2.0	1.0	0.0
57.5°	5.4	3.8	2.6	2.0	2.0	1.1	0.0
55°	8.3	4.4	3.2	2.0	2.1	1.1	0.0
52.5°	11.6	5.5	3.8	2.0	2.1	1.2	0.0
50°	15.3	9.0	4.5	2.0	2.1	1.3	0.0
47.5°	20.4	12.7	5.2	2.1	2.2	1.4	0.0
45°	31.2	16.6	5.9	2.7	2.2	1.4	0.0
42.5°	42.0	20.8	6.6	3.2	2.3	1.5	0.0
40°	52.7	25.2	8.7	4.0	2.4	1.5	0.0
37.5°	63.4	29.8	12.2	4.8	2.5	1.6	0.0
35°	74.0	37.0	15.6	5.7	2.5	1.6	0.0
32.5°	85.1	45.3	19.1	6.8	2.6	1.7	0.0
30°	97.7	53.5	22.6	7.8	2.7	1.7	0.0
27.5°	109.8	61.4	26.7	9.0	2.8	1.8	0.0
25°	121.5	69.0	30.7	10.2	2.9	1.8	0.0
22.5°	132.7	76.4	34.6	11.4	3.0	1.8	0.0
20°	143.4	83.6	38.4	12.6	3.2	1.9	0.0
17.5°	153.3	90.4	42.1	13.9	3.3	1.9	0.0
15°	162.3	96.7	45.6	15.2	3.4	1.9	0.0
12.5°	170.7	102.6	48.9	16.4	3.5	2.0	0.0
10°	178.2	108.0	52.1	17.7	3.6	2.0	0.0
7.5°	185.0	112.8	55.0	18.8	3.7	2.0	0.0
5°	190.9	117.2	57.6	20.0	3.8	2.0	0.0
2.5°	196.0	120.9	60.0	21.0	3.9	2.0	0.0
0°	200.2	124.1	62.1	22.0	4.0	2.0	0.0
-2.5°	205.6	128.0	64.9	23.4	4.6	2.1	0.0
-5°	210.2	131.3	67.4	24.7	5.2	2.3	0.0
-7.5°	213.7	133.9	69.6	25.8	5.8	2.4	0.0
-10°	216.2	135.9	71.3	26.8	6.3	2.5	0.0
-12.5°	217.8	137.3	72.6	27.7	6.9	2.6	0.0
-15°	218.2	137.9	73.5	28.4	7.4	2.7	0.0
-17.5°	217.6	137.8	73.9	29.0	7.8	2.8	0.0
-20°	216.9	137.0	73.8	29.3	8.2	2.8	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	217.1	135.5	73.2	29.5	8.6	2.9	0.0
-25°	216.1	135.0	72.1	29.5	8.9	3.0	0.0
-27.5°	214.0	134.5	70.4	29.3	9.2	3.0	0.0
-30°	210.9	133.0	68.4	28.9	9.4	3.0	0.0
-32.5°	206.6	130.8	67.5	28.3	9.6	3.0	0.0
-35°	202.6	127.6	66.1	27.4	9.7	3.0	0.0
-37.5°	198.0	124.2	64.1	26.4	9.7	3.0	0.0
-40°	192.3	121.2	61.5	25.1	9.7	3.0	0.0
-42.5°	185.5	117.4	59.7	24.0	9.6	3.0	0.0
-45°	177.6	112.8	58.5	23.1	9.4	2.9	0.0
-47.5°	168.7	107.4	56.7	21.8	9.2	2.8	0.0
-50°	160.8	101.3	54.4	21.4	8.9	2.8	0.0
-52.5°	152.3	94.5	51.4	21.1	8.6	2.7	0.0
-55°	142.9	89.0	47.8	20.6	8.2	2.6	0.0
-57.5°	132.6	82.9	43.7	19.8	7.7	2.4	0.0
-60°	121.6	76.1	39.2	18.7	7.2	2.3	0.0
-62.5°	111.0	68.4	36.5	17.4	6.8	2.2	0.0
-65°	99.3	60.1	33.4	15.8	6.3	2.0	0.0
-67.5°	86.6	52.6	29.8	14.1	5.8	1.8	0.0
-70°	73.0	46.1	26.0	12.1	5.2	1.6	0.0
-72.5°	62.1	39.1	21.8	10.7	4.6	1.5	0.0
-75°	50.9	31.7	17.3	9.3	4.0	1.3	0.0
-77.5°	39.3	23.9	14.3	7.9	3.4	1.1	0.0
-80°	27.1	18.2	11.6	6.4	2.7	0.9	0.0
-82.5°	20.0	13.8	8.8	4.8	2.1	0.6	0.0
-85°	13.4	9.3	5.9	3.2	1.4	0.4	0.0
-87.5°	6.7	4.6	2.9	1.6	0.7	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)