

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: P626953 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-722-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626953 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2D-722-U-WR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N38
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

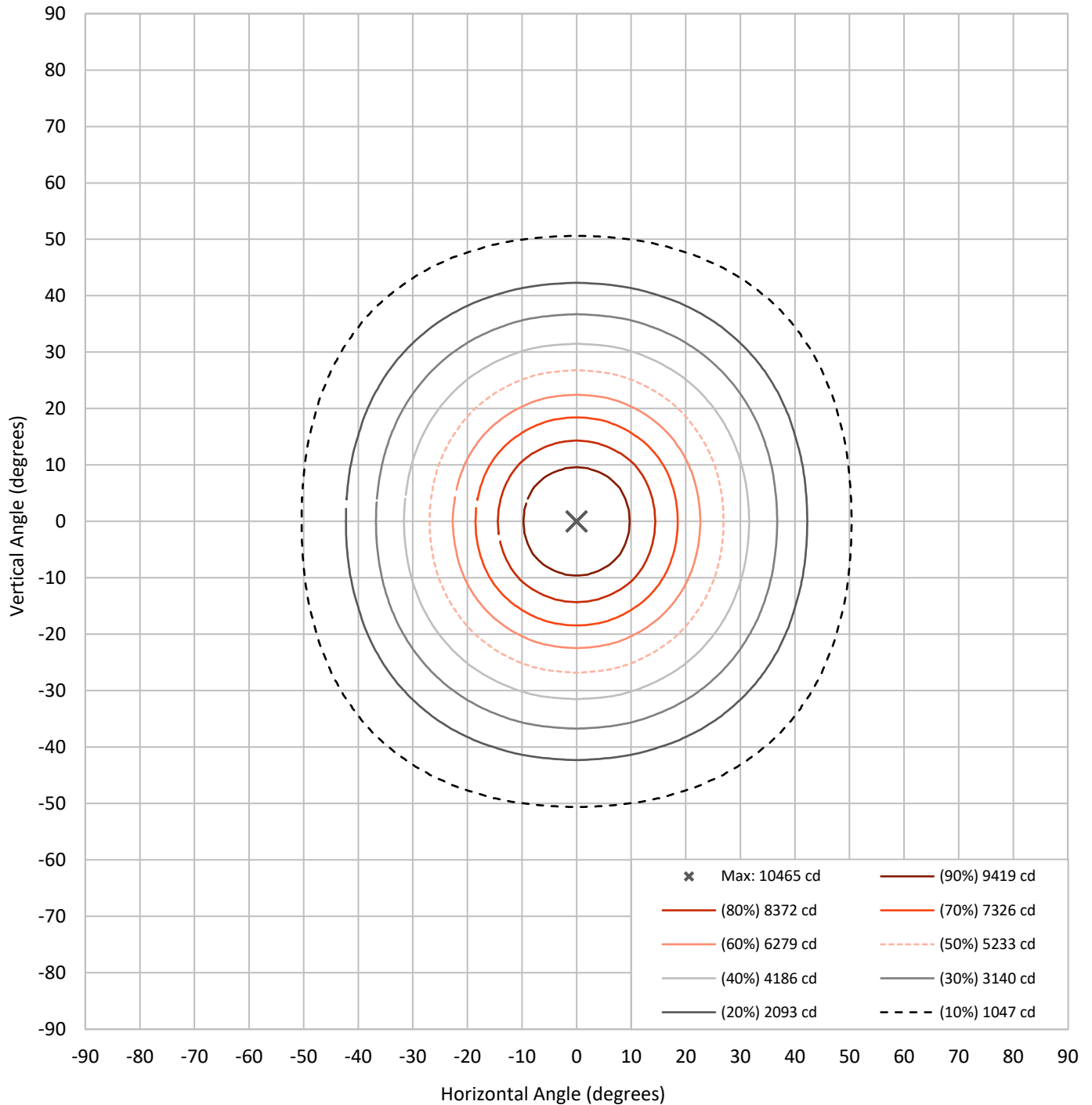
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	10650.9 lumens	Max Intensity:	10465 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	98.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	5092.6 lumens	Field Lumens:	9399.8 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	108.7		
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





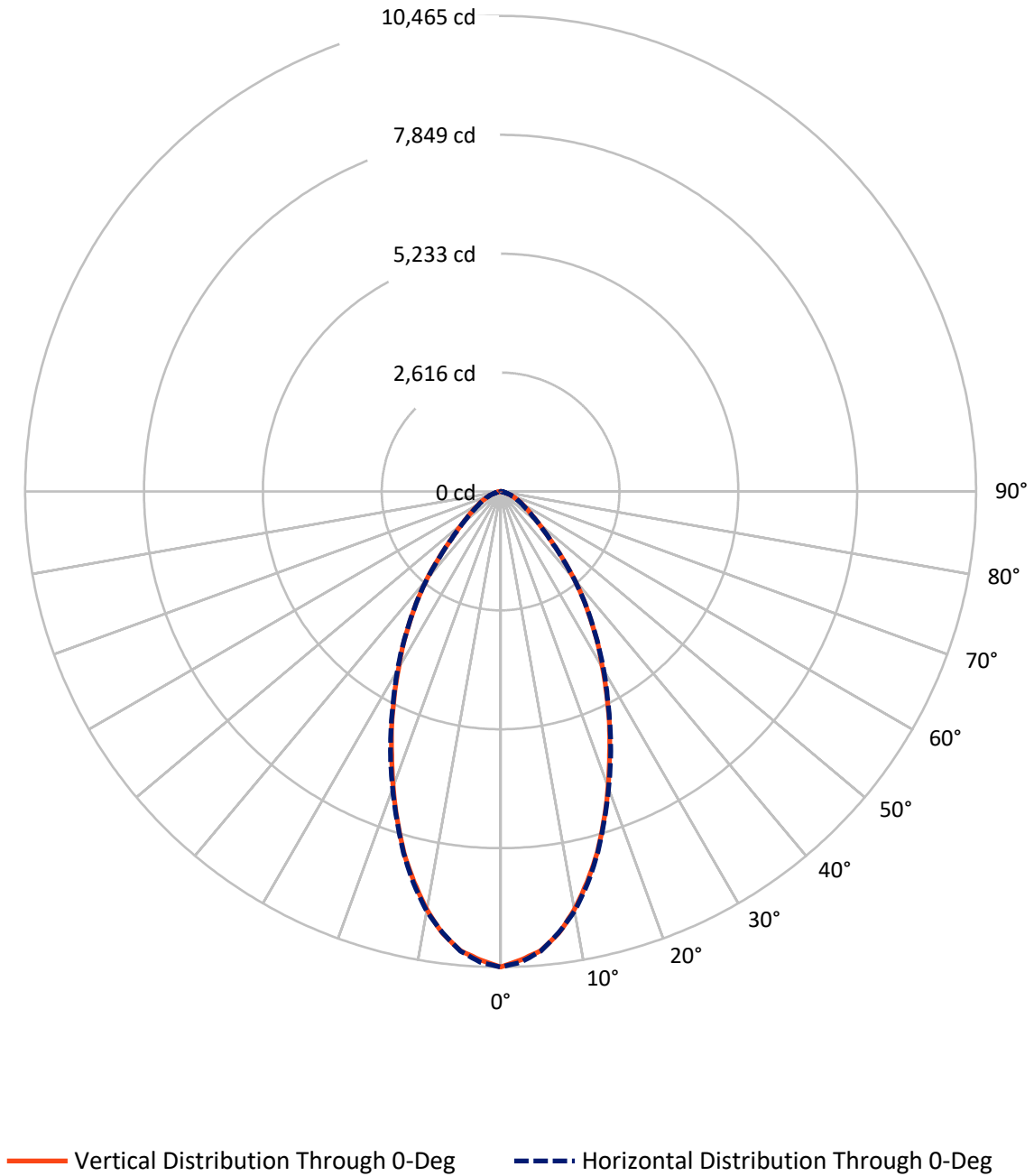
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Lumen Table

90															90				
80	0.4	2.9		6.7		11.1		9.5		11.1		6.7		2.9		0.4			
70															70				
60	1.4	1.6	3.1	4.9	7.1	9.2	10.8	11.6	11.6	10.8	9.2	7.1	4.9	3.1	1.6	1.4			
50		2.3	4.6	8.0	12.3	16.9	21.0	23.5	23.5	21.0	16.9	12.3	8.0	4.6	2.3				
40	2.0	2.9	6.4	11.9	20.1	30.9	42.6	50.4	50.4	42.6	30.9	20.1	11.9	6.4	2.9	2.0			
30		3.6	8.4	17.3	33.8	59.9	87.1	103.3	103.3	87.1	59.9	33.8	17.3	8.4	3.6				
20	2.4	4.2	10.4	24.3	54.6	98.1	140.4	167.8	167.8	140.4	98.1	54.6	24.3	10.4	4.2	2.4			
10		4.6	12.2	31.5	74.5	132.5	195.6	240.6	240.6	195.6	132.5	74.5	31.5	12.2	4.6				
0	2.5	4.9	13.2	36.2	85.8	154.0	234.3	294.7	294.7	234.3	154.0	85.8	36.2	13.2	4.9	2.5			
-10		4.9	13.2	36.2	85.8	154.0	234.3	294.7	294.7	234.3	154.0	85.8	36.2	13.2	4.9				
-20	2.4	4.6	12.2	31.5	74.5	132.5	195.6	240.6	240.6	195.6	132.5	74.5	31.5	12.2	4.6	2.4			
-30		4.2	10.4	24.3	54.6	98.1	140.4	167.8	167.8	140.4	98.1	54.6	24.3	10.4	4.2				
-40	2.0	3.6	8.4	17.3	33.8	59.9	87.1	103.3	103.3	87.1	59.9	33.8	17.3	8.4	3.6	2.0			
-50		2.9	6.4	11.9	20.1	30.9	42.6	50.4	50.4	42.6	30.9	20.1	11.9	6.4	2.9				
-60	1.4	2.3	4.6	8.0	12.3	16.9	21.0	23.5	23.5	21.0	16.9	12.3	8.0	4.6	2.3	1.4			
-70		1.6	3.1	4.9	7.1	9.2	10.8	11.6	11.6	10.8	9.2	7.1	4.9	3.1	1.6				
-80															-80				
-90	0.4	2.9		6.7		11.1		9.5		11.1		6.7		2.9		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

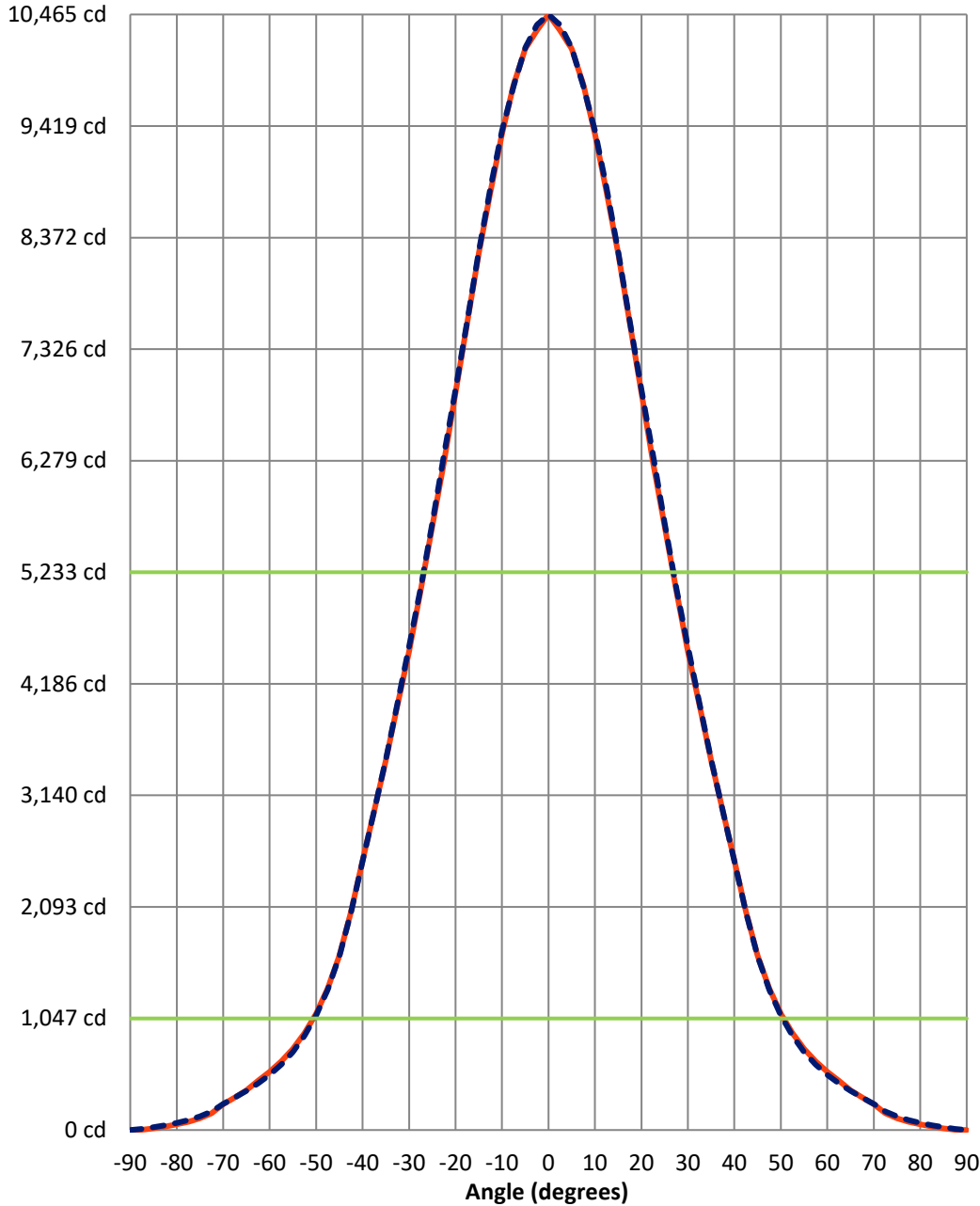
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 5092.6
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 9399.8
 Efficiency: 88.3%

Spill:
 Lumens: 1251.1
 Efficiency: 11.7%

- 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	0.5	1.2	2.0	2.9	3.9	5.0	5.5	5.9	6.3	6.6
85°	0.0	1.1	2.5	4.0	5.8	7.7	9.9	11.0	11.9	12.6	13.1
82.5°	0.0	1.6	3.7	6.0	8.6	11.6	14.8	16.5	18.2	21.1	23.6
80°	0.0	2.1	4.9	8.0	11.5	15.4	20.1	25.0	29.3	33.1	36.5
77.5°	0.0	2.6	6.1	9.9	14.2	20.0	28.8	35.1	40.4	45.2	49.9
75°	0.0	3.2	7.2	11.8	17.2	26.1	37.1	45.1	51.5	57.9	64.8
72.5°	0.0	3.7	8.4	13.7	21.4	32.1	45.3	55.0	62.6	70.8	79.6
70°	0.0	4.2	9.5	15.6	25.3	37.8	53.0	64.3	73.6	83.5	95.2
67.5°	0.0	4.6	10.6	18.1	29.1	43.3	59.6	73.4	84.3	96.6	110.7
65°	0.0	5.1	11.6	20.4	32.8	48.3	66.0	82.3	94.9	109.3	125.3
62.5°	0.0	5.6	12.6	22.6	36.2	52.9	72.0	90.7	105.0	121.4	138.9
60°	0.0	6.0	13.6	24.6	39.4	57.2	77.6	98.7	114.7	133.1	152.1
57.5°	0.0	6.4	14.8	26.6	42.3	61.3	82.7	105.9	124.5	144.5	164.3
55°	0.0	6.8	15.9	28.4	45.1	65.0	87.3	111.6	134.1	155.3	175.9
52.5°	0.0	7.2	17.0	30.0	47.6	68.3	91.6	117.8	143.3	165.7	187.3
50°	0.0	7.6	18.0	31.5	49.9	71.4	95.5	123.7	152.2	175.8	199.7
47.5°	0.0	7.9	19.0	32.8	51.9	74.2	99.1	129.1	160.9	185.6	212.0
45°	0.0	8.3	19.9	34.1	53.8	76.7	103.2	133.9	167.2	196.2	223.8
42.5°	0.0	8.6	20.8	35.3	55.3	78.9	106.8	138.6	173.0	206.4	236.1
40°	0.0	8.9	21.7	36.6	56.7	80.7	110.0	143.2	178.6	216.0	247.9
37.5°	0.0	9.1	22.4	37.9	58.0	82.2	112.7	147.3	184.9	223.5	259.2
35°	0.0	9.4	23.1	39.1	59.0	83.8	115.0	151.0	190.8	231.7	270.7
32.5°	0.0	9.6	23.8	40.2	59.7	85.5	117.1	154.2	196.5	240.1	282.5
30°	0.0	9.8	24.4	41.2	60.3	86.7	119.4	157.3	201.9	248.5	293.6
27.5°	0.0	10.0	24.9	42.1	61.6	87.6	121.2	161.2	207.5	257.0	304.0
25°	0.0	10.1	25.4	42.9	62.8	88.1	122.7	164.7	213.8	265.4	313.7
22.5°	0.0	10.3	25.8	43.5	63.9	88.8	123.7	167.8	219.8	273.0	324.3
20°	0.0	10.4	26.2	44.1	64.8	90.4	124.3	170.4	225.4	279.9	333.8
17.5°	0.0	10.4	26.4	44.5	65.6	91.8	125.7	172.5	230.6	286.0	342.2
15°	0.0	10.5	26.6	44.8	66.3	92.8	127.4	174.5	235.3	291.2	349.4
12.5°	0.0	10.5	26.8	45.0	66.7	93.6	128.6	176.3	239.2	295.5	355.3
10°	0.0	10.6	26.9	45.1	67.0	94.0	129.3	177.2	242.3	299.2	360.2
7.5°	0.0	10.6	26.9	45.1	67.2	94.2	129.7	177.5	244.4	302.0	363.9
5°	0.0	10.5	26.9	45.0	67.2	94.2	129.5	176.9	245.6	303.9	366.4
2.5°	0.0	10.5	26.8	44.7	67.0	93.8	129.0	175.7	245.7	304.8	367.7
0°	0.0	10.4	26.6	44.4	66.6	93.2	128.0	173.8	244.8	304.7	367.6
-2.5°	0.0	10.5	26.8	44.7	67.0	93.8	129.0	175.7	245.7	304.8	367.7
-5°	0.0	10.5	26.9	45.0	67.2	94.2	129.5	176.9	245.6	303.9	366.4
-7.5°	0.0	10.6	26.9	45.1	67.2	94.2	129.7	177.5	244.4	302.0	363.9
-10°	0.0	10.6	26.9	45.1	67.0	94.0	129.3	177.2	242.3	299.2	360.2
-12.5°	0.0	10.5	26.8	45.0	66.7	93.6	128.6	176.3	239.2	295.5	355.3
-15°	0.0	10.5	26.6	44.8	66.3	92.8	127.4	174.5	235.3	291.2	349.4
-17.5°	0.0	10.4	26.4	44.5	65.6	91.8	125.7	172.5	230.6	286.0	342.2
-20°	0.0	10.4	26.2	44.1	64.8	90.4	124.3	170.4	225.4	279.9	333.8

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CATALOG NUMBER: GFLD-SA2D-722-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	10.3	25.8	43.5	63.9	88.8	123.7	167.8	219.8	273.0	324.3
-25°	0.0	10.1	25.4	42.9	62.8	88.1	122.7	164.7	213.8	265.4	313.7
-27.5°	0.0	10.0	24.9	42.1	61.6	87.6	121.2	161.2	207.5	257.0	304.0
-30°	0.0	9.8	24.4	41.2	60.3	86.7	119.4	157.3	201.9	248.5	293.6
-32.5°	0.0	9.6	23.8	40.2	59.7	85.5	117.1	154.2	196.5	240.1	282.5
-35°	0.0	9.4	23.1	39.1	59.0	83.8	115.0	151.0	190.8	231.7	270.7
-37.5°	0.0	9.1	22.4	37.9	58.0	82.2	112.7	147.3	184.9	223.5	259.2
-40°	0.0	8.9	21.7	36.6	56.7	80.7	110.0	143.2	178.6	216.0	247.9
-42.5°	0.0	8.6	20.8	35.3	55.3	78.9	106.8	138.6	173.0	206.4	236.1
-45°	0.0	8.3	19.9	34.1	53.8	76.7	103.2	133.9	167.2	196.2	223.8
-47.5°	0.0	7.9	19.0	32.8	51.9	74.2	99.1	129.1	160.9	185.6	212.0
-50°	0.0	7.6	18.0	31.5	49.9	71.4	95.5	123.7	152.2	175.8	199.7
-52.5°	0.0	7.2	17.0	30.0	47.6	68.3	91.6	117.8	143.3	165.7	187.3
-55°	0.0	6.8	15.9	28.4	45.1	65.0	87.3	111.6	134.1	155.3	175.9
-57.5°	0.0	6.4	14.8	26.6	42.3	61.3	82.7	105.9	124.5	144.5	164.3
-60°	0.0	6.0	13.6	24.6	39.4	57.2	77.6	98.7	114.7	133.1	152.1
-62.5°	0.0	5.6	12.6	22.6	36.2	52.9	72.0	90.7	105.0	121.4	138.9
-65°	0.0	5.1	11.6	20.4	32.8	48.3	66.0	82.3	94.9	109.3	125.3
-67.5°	0.0	4.6	10.6	18.1	29.1	43.3	59.6	73.4	84.3	96.6	110.7
-70°	0.0	4.2	9.5	15.6	25.3	37.8	53.0	64.3	73.6	83.5	95.2
-72.5°	0.0	3.7	8.4	13.7	21.4	32.1	45.3	55.0	62.6	70.8	79.6
-75°	0.0	3.2	7.2	11.8	17.2	26.1	37.1	45.1	51.5	57.9	64.8
-77.5°	0.0	2.6	6.1	9.9	14.2	20.0	28.8	35.1	40.4	45.2	49.9
-80°	0.0	2.1	4.9	8.0	11.5	15.4	20.1	25.0	29.3	33.1	36.5
-82.5°	0.0	1.6	3.7	6.0	8.6	11.6	14.8	16.5	18.2	21.1	23.6
-85°	0.0	1.1	2.5	4.0	5.8	7.7	9.9	11.0	11.9	12.6	13.1
-87.5°	0.0	0.5	1.2	2.0	2.9	3.9	5.0	5.5	5.9	6.3	6.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	6.7	6.7	6.6	6.4	6.1	5.7	5.3	4.7	4.9	5.1	5.3
85°	13.3	13.3	14.4	15.5	16.0	16.0	15.7	15.0	17.0	19.2	21.6
82.5°	26.0	28.3	30.4	32.5	32.7	32.1	31.1	30.0	33.9	38.7	43.7
80°	39.9	43.3	47.1	50.7	51.5	51.2	50.0	48.2	53.4	60.8	68.8
77.5°	55.4	60.7	65.6	70.1	71.5	71.3	70.4	69.0	75.6	85.8	96.5
75°	71.7	78.1	84.5	90.1	92.4	92.7	92.4	93.9	102.7	114.6	125.2
72.5°	88.7	96.9	104.1	110.2	114.0	116.9	120.8	125.5	134.4	146.1	156.5
70°	106.7	115.8	123.3	130.1	136.0	142.4	150.6	158.7	168.0	179.7	190.5
67.5°	124.5	133.7	142.2	150.5	161.2	171.4	181.6	192.3	204.0	216.3	227.2
65°	141.0	151.3	161.7	173.8	187.7	199.3	211.9	225.7	241.1	254.9	267.5
62.5°	156.8	168.4	181.3	195.9	211.0	225.5	242.4	260.1	278.1	295.4	312.7
60°	170.1	184.6	200.2	216.8	234.2	254.0	273.7	294.8	316.2	337.2	358.5
57.5°	182.9	200.9	218.9	238.2	259.8	282.5	306.2	329.9	355.5	380.9	405.1
55°	196.2	217.4	237.9	260.8	285.6	312.1	338.9	367.7	396.0	427.9	457.4
52.5°	210.4	233.5	257.6	283.8	312.7	342.7	374.1	407.1	442.4	477.8	513.7
50°	224.3	250.3	277.1	308.4	340.8	375.0	411.3	449.8	490.8	531.8	575.3
47.5°	238.8	266.6	299.3	333.3	370.4	409.4	450.5	496.2	541.7	593.4	643.3
45°	253.1	285.0	320.5	360.0	400.8	444.7	493.5	543.8	601.9	660.3	725.9
42.5°	266.8	303.7	343.7	385.9	432.3	482.8	536.8	600.0	665.6	737.8	814.8
40°	282.6	321.5	366.5	413.8	464.1	521.7	586.7	656.9	736.9	822.5	909.9
37.5°	297.9	341.5	389.1	440.4	498.7	563.6	635.4	721.4	813.8	911.1	1030.0
35°	312.3	360.6	412.3	468.5	531.7	606.8	692.8	787.8	894.2	1019.7	1158.4
32.5°	327.5	378.7	434.2	497.3	568.8	650.9	748.5	860.4	986.3	1129.1	1302.7
30°	342.9	397.4	456.0	524.2	603.8	698.8	809.7	933.3	1078.2	1257.4	1461.2
27.5°	357.0	414.8	479.0	552.8	637.8	743.0	868.5	1013.4	1184.1	1386.6	1624.7
25°	370.1	430.6	500.2	580.0	675.3	790.7	926.8	1087.3	1290.1	1531.5	1824.4
22.5°	382.5	445.0	519.3	604.4	709.2	836.9	990.1	1173.7	1397.9	1668.8	2020.1
20°	394.2	460.7	538.3	627.8	739.4	878.6	1048.2	1254.4	1509.4	1830.2	2212.0
17.5°	404.4	474.5	556.3	653.1	773.0	921.0	1103.1	1325.6	1608.7	1974.4	2389.0
15°	413.2	486.3	571.8	675.0	803.4	963.1	1160.7	1403.7	1712.3	2105.5	2544.5
12.5°	420.6	496.3	584.8	693.4	828.8	998.7	1209.8	1473.2	1813.3	2228.9	2681.0
10°	426.4	504.3	595.4	708.3	849.4	1027.6	1250.3	1530.2	1897.3	2334.8	2796.4
7.5°	431.3	510.5	603.4	719.6	864.9	1049.7	1281.8	1574.1	1962.9	2418.5	2885.0
5°	434.8	514.9	609.5	727.5	876.3	1065.1	1303.9	1604.8	2009.6	2479.3	2945.6
2.5°	436.7	517.3	613.0	731.7	883.3	1073.8	1315.5	1624.1	2035.2	2513.9	2982.2
0°	437.1	517.7	613.9	732.2	885.3	1075.4	1317.3	1630.1	2040.6	2522.9	2995.5
-2.5°	436.7	517.3	613.0	731.7	883.3	1073.8	1315.5	1624.1	2035.2	2513.9	2982.2
-5°	434.8	514.9	609.5	727.5	876.3	1065.1	1303.9	1604.8	2009.6	2479.3	2945.6
-7.5°	431.3	510.5	603.4	719.6	864.9	1049.7	1281.8	1574.1	1962.9	2418.5	2885.0
-10°	426.4	504.3	595.4	708.3	849.4	1027.6	1250.3	1530.2	1897.3	2334.8	2796.4
-12.5°	420.6	496.3	584.8	693.4	828.8	998.7	1209.8	1473.2	1813.3	2228.9	2681.0
-15°	413.2	486.3	571.8	675.0	803.4	963.1	1160.7	1403.7	1712.3	2105.5	2544.5
-17.5°	404.4	474.5	556.3	653.1	773.0	921.0	1103.1	1325.6	1608.7	1974.4	2389.0
-20°	394.2	460.7	538.3	627.8	739.4	878.6	1048.2	1254.4	1509.4	1830.2	2212.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626953 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-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°	382.5	445.0	519.3	604.4	709.2	836.9	990.1	1173.7	1397.9	1668.8	2020.1
-25°	370.1	430.6	500.2	580.0	675.3	790.7	926.8	1087.3	1290.1	1531.5	1824.4
-27.5°	357.0	414.8	479.0	552.8	637.8	743.0	868.5	1013.4	1184.1	1386.6	1624.7
-30°	342.9	397.4	456.0	524.2	603.8	698.8	809.7	933.3	1078.2	1257.4	1461.2
-32.5°	327.5	378.7	434.2	497.3	568.8	650.9	748.5	860.4	986.3	1129.1	1302.7
-35°	312.3	360.6	412.3	468.5	531.7	606.8	692.8	787.8	894.2	1019.7	1158.4
-37.5°	297.9	341.5	389.1	440.4	498.7	563.6	635.4	721.4	813.8	911.1	1030.0
-40°	282.6	321.5	366.5	413.8	464.1	521.7	586.7	656.9	736.9	822.5	909.9
-42.5°	266.8	303.7	343.7	385.9	432.3	482.8	536.8	600.0	665.6	737.8	814.8
-45°	253.1	285.0	320.5	360.0	400.8	444.7	493.5	543.8	601.9	660.3	725.9
-47.5°	238.8	266.6	299.3	333.3	370.4	409.4	450.5	496.2	541.7	593.4	643.3
-50°	224.3	250.3	277.1	308.4	340.8	375.0	411.3	449.8	490.8	531.8	575.3
-52.5°	210.4	233.5	257.6	283.8	312.7	342.7	374.1	407.1	442.4	477.8	513.7
-55°	196.2	217.4	237.9	260.8	285.6	312.1	338.9	367.7	396.0	427.9	457.4
-57.5°	182.9	200.9	218.9	238.2	259.8	282.5	306.2	329.9	355.5	380.9	405.1
-60°	170.1	184.6	200.2	216.8	234.2	254.0	273.7	294.8	316.2	337.2	358.5
-62.5°	156.8	168.4	181.3	195.9	211.0	225.5	242.4	260.1	278.1	295.4	312.7
-65°	141.0	151.3	161.7	173.8	187.7	199.3	211.9	225.7	241.1	254.9	267.5
-67.5°	124.5	133.7	142.2	150.5	161.2	171.4	181.6	192.3	204.0	216.3	227.2
-70°	106.7	115.8	123.3	130.1	136.0	142.4	150.6	158.7	168.0	179.7	190.5
-72.5°	88.7	96.9	104.1	110.2	114.0	116.9	120.8	125.5	134.4	146.1	156.5
-75°	71.7	78.1	84.5	90.1	92.4	92.7	92.4	93.9	102.7	114.6	125.2
-77.5°	55.4	60.7	65.6	70.1	71.5	71.3	70.4	69.0	75.6	85.8	96.5
-80°	39.9	43.3	47.1	50.7	51.5	51.2	50.0	48.2	53.4	60.8	68.8
-82.5°	26.0	28.3	30.4	32.5	32.7	32.1	31.1	30.0	33.9	38.7	43.7
-85°	13.3	13.3	14.4	15.5	16.0	16.0	15.7	15.0	17.0	19.2	21.6
-87.5°	6.7	6.7	6.6	6.4	6.1	5.7	5.3	4.7	4.9	5.1	5.3
-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: P626953 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-722-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°	5.5	5.3	5.2	4.9	4.7	4.6	4.5	4.4	4.3	4.0	3.6
85°	24.1	24.6	24.9	25.0	25.1	25.8	26.6	27.3	27.9	25.3	22.4
82.5°	48.9	51.2	53.2	55.2	57.2	58.5	59.6	60.3	60.8	55.0	48.6
80°	77.0	81.8	85.8	89.6	93.2	94.2	94.2	93.6	92.6	84.8	75.9
77.5°	107.1	113.4	118.4	123.3	128.2	130.0	130.9	131.6	132.1	122.3	110.3
75°	134.4	141.9	148.9	155.4	161.4	164.6	166.5	168.0	169.2	159.4	146.6
72.5°	165.5	173.4	181.0	188.3	194.6	198.8	201.6	203.9	205.6	200.1	192.0
70°	199.7	207.9	215.9	223.4	230.6	236.3	240.8	244.6	247.8	248.4	248.2
67.5°	237.7	247.4	256.9	265.1	273.7	281.7	288.7	294.6	299.3	302.4	304.1
65°	280.3	294.9	308.0	319.0	328.3	339.0	348.4	355.6	360.7	364.5	367.9
62.5°	330.6	348.3	363.2	377.9	393.1	407.9	417.1	426.4	435.4	443.9	451.2
60°	378.9	398.4	418.5	437.4	454.8	470.8	487.3	502.0	514.9	525.6	533.6
57.5°	430.5	454.2	477.1	501.0	523.4	544.4	564.8	583.7	600.0	613.8	625.0
55°	486.4	515.4	542.6	572.9	602.3	629.1	653.8	679.0	701.8	721.8	737.7
52.5°	546.7	584.4	620.5	656.1	694.1	728.5	759.2	794.2	825.3	851.0	871.0
50°	618.8	663.0	710.7	754.8	802.8	850.0	893.6	935.9	977.1	1012.9	1041.8
47.5°	700.8	755.2	814.2	872.7	932.3	996.9	1054.6	1108.2	1165.9	1216.1	1256.3
45°	791.9	861.3	932.6	1014.7	1090.4	1173.5	1250.3	1319.4	1401.3	1473.5	1531.5
42.5°	893.0	985.5	1079.2	1182.7	1283.2	1388.6	1500.6	1599.9	1708.6	1812.1	1895.7
40°	1018.3	1128.9	1254.4	1379.7	1523.9	1659.3	1822.4	1970.7	2105.3	2228.8	2330.0
37.5°	1157.6	1299.9	1457.7	1620.8	1818.1	2011.4	2202.4	2382.6	2541.8	2676.9	2790.3
35°	1315.7	1496.5	1687.6	1925.8	2156.9	2388.5	2604.1	2801.2	2974.3	3126.8	3256.4
32.5°	1497.6	1714.6	1982.1	2249.7	2513.3	2768.2	3005.0	3219.9	3409.8	3581.0	3730.1
30°	1688.8	1984.9	2285.1	2578.7	2866.6	3145.8	3405.7	3642.5	3857.0	4047.6	4219.3
27.5°	1931.8	2259.9	2587.3	2903.8	3220.5	3526.1	3807.7	4070.7	4316.9	4532.3	4728.6
25°	2166.8	2529.3	2877.3	3222.4	3567.1	3895.2	4210.2	4507.2	4789.1	5036.4	5255.5
22.5°	2401.8	2781.2	3153.1	3524.1	3894.5	4260.2	4613.9	4954.2	5269.4	5550.9	5797.7
20°	2619.4	3016.1	3413.8	3813.7	4215.2	4615.6	5012.7	5395.7	5746.9	6071.9	6357.5
17.5°	2814.5	3236.4	3658.1	4085.8	4521.1	4955.7	5396.9	5826.2	6227.8	6597.5	6928.9
15°	2987.3	3427.6	3880.3	4342.0	4809.3	5281.4	5762.8	6243.1	6695.1	7115.2	7485.1
12.5°	3138.4	3596.1	4070.6	4561.2	5068.3	5582.6	6108.0	6634.5	7135.0	7619.9	8019.3
10°	3263.0	3739.4	4235.4	4750.8	5285.7	5839.2	6402.9	6969.6	7521.0	8035.4	8492.1
7.5°	3359.3	3853.5	4364.7	4900.7	5461.8	6045.5	6642.7	7244.1	7832.4	8386.7	8892.0
5°	3427.2	3936.6	4454.1	5011.8	5592.4	6197.3	6817.9	7444.6	8059.7	8642.4	9166.2
2.5°	3466.6	3986.4	4506.2	5079.2	5670.0	6289.1	6926.5	7563.6	8194.8	8799.3	9337.5
0°	3477.0	4001.4	4536.1	5086.4	5694.4	6332.0	6946.6	7585.6	8241.7	8837.8	9374.1
-2.5°	3466.6	3986.4	4506.2	5079.2	5670.0	6289.1	6926.5	7563.6	8194.8	8799.3	9337.5
-5°	3427.2	3936.6	4454.1	5011.8	5592.4	6197.3	6817.9	7444.6	8059.7	8642.4	9166.2
-7.5°	3359.3	3853.5	4364.7	4900.7	5461.8	6045.5	6642.7	7244.1	7832.4	8386.7	8892.0
-10°	3263.0	3739.4	4235.4	4750.8	5285.7	5839.2	6402.9	6969.6	7521.0	8035.4	8492.1
-12.5°	3138.4	3596.1	4070.6	4561.2	5068.3	5582.6	6108.0	6634.5	7135.0	7619.9	8019.3
-15°	2987.3	3427.6	3880.3	4342.0	4809.3	5281.4	5762.8	6243.1	6695.1	7115.2	7485.1
-17.5°	2814.5	3236.4	3658.1	4085.8	4521.1	4955.7	5396.9	5826.2	6227.8	6597.5	6928.9
-20°	2619.4	3016.1	3413.8	3813.7	4215.2	4615.6	5012.7	5395.7	5746.9	6071.9	6357.5

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626953 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2401.8	2781.2	3153.1	3524.1	3894.5	4260.2	4613.9	4954.2	5269.4	5550.9	5797.7
-25°	2166.8	2529.3	2877.3	3222.4	3567.1	3895.2	4210.2	4507.2	4789.1	5036.4	5255.5
-27.5°	1931.8	2259.9	2587.3	2903.8	3220.5	3526.1	3807.7	4070.7	4316.9	4532.3	4728.6
-30°	1688.8	1984.9	2285.1	2578.7	2866.6	3145.8	3405.7	3642.5	3857.0	4047.6	4219.3
-32.5°	1497.6	1714.6	1982.1	2249.7	2513.3	2768.2	3005.0	3219.9	3409.8	3581.0	3730.1
-35°	1315.7	1496.5	1687.6	1925.8	2156.9	2388.5	2604.1	2801.2	2974.3	3126.8	3256.4
-37.5°	1157.6	1299.9	1457.7	1620.8	1818.1	2011.4	2202.4	2382.6	2541.8	2676.9	2790.3
-40°	1018.3	1128.9	1254.4	1379.7	1523.9	1659.3	1822.4	1970.7	2105.3	2228.8	2330.0
-42.5°	893.0	985.5	1079.2	1182.7	1283.2	1388.6	1500.6	1599.9	1708.6	1812.1	1895.7
-45°	791.9	861.3	932.6	1014.7	1090.4	1173.5	1250.3	1319.4	1401.3	1473.5	1531.5
-47.5°	700.8	755.2	814.2	872.7	932.3	996.9	1054.6	1108.2	1165.9	1216.1	1256.3
-50°	618.8	663.0	710.7	754.8	802.8	850.0	893.6	935.9	977.1	1012.9	1041.8
-52.5°	546.7	584.4	620.5	656.1	694.1	728.5	759.2	794.2	825.3	851.0	871.0
-55°	486.4	515.4	542.6	572.9	602.3	629.1	653.8	679.0	701.8	721.8	737.7
-57.5°	430.5	454.2	477.1	501.0	523.4	544.4	564.8	583.7	600.0	613.8	625.0
-60°	378.9	398.4	418.5	437.4	454.8	470.8	487.3	502.0	514.9	525.6	533.6
-62.5°	330.6	348.3	363.2	377.9	393.1	407.9	417.1	426.4	435.4	443.9	451.2
-65°	280.3	294.9	308.0	319.0	328.3	339.0	348.4	355.6	360.7	364.5	367.9
-67.5°	237.7	247.4	256.9	265.1	273.7	281.7	288.7	294.6	299.3	302.4	304.1
-70°	199.7	207.9	215.9	223.4	230.6	236.3	240.8	244.6	247.8	248.4	248.2
-72.5°	165.5	173.4	181.0	188.3	194.6	198.8	201.6	203.9	205.6	200.1	192.0
-75°	134.4	141.9	148.9	155.4	161.4	164.6	166.5	168.0	169.2	159.4	146.6
-77.5°	107.1	113.4	118.4	123.3	128.2	130.0	130.9	131.6	132.1	122.3	110.3
-80°	77.0	81.8	85.8	89.6	93.2	94.2	94.2	93.6	92.6	84.8	75.9
-82.5°	48.9	51.2	53.2	55.2	57.2	58.5	59.6	60.3	60.8	55.0	48.6
-85°	24.1	24.6	24.9	25.0	25.1	25.8	26.6	27.3	27.9	25.3	22.4
-87.5°	5.5	5.3	5.2	4.9	4.7	4.6	4.5	4.4	4.3	4.0	3.6
-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: P626953 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-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°	3.3	3.0	2.6	2.2	2.6	3.0	3.3	3.6	4.0	4.3	4.4
85°	19.4	16.2	15.9	15.5	15.9	16.2	19.4	22.4	25.3	27.9	27.3
82.5°	41.8	34.7	33.6	32.5	33.6	34.7	41.8	48.6	55.0	60.8	60.3
80°	66.6	57.0	55.1	53.3	55.1	57.0	66.6	75.9	84.8	92.6	93.6
77.5°	97.6	84.4	80.6	76.9	80.6	84.4	97.6	110.3	122.3	132.1	131.6
75°	133.2	119.3	114.6	110.2	114.6	119.3	133.2	146.6	159.4	169.2	168.0
72.5°	183.8	175.4	166.8	157.5	166.8	175.4	183.8	192.0	200.1	205.6	203.9
70°	247.9	247.4	245.2	241.9	245.2	247.4	247.9	248.2	248.4	247.8	244.6
67.5°	304.8	304.6	305.3	305.5	305.3	304.6	304.8	304.1	302.4	299.3	294.6
65°	369.9	370.6	372.1	372.8	372.1	370.6	369.9	367.9	364.5	360.7	355.6
62.5°	456.8	460.6	462.5	462.3	462.5	460.6	456.8	451.2	443.9	435.4	426.4
60°	539.6	543.5	546.0	546.6	546.0	543.5	539.6	533.6	525.6	514.9	502.0
57.5°	633.9	640.3	643.7	644.2	643.7	640.3	633.9	625.0	613.8	600.0	583.7
55°	749.9	758.4	762.2	761.8	762.2	758.4	749.9	737.7	721.8	701.8	679.0
52.5°	886.1	896.5	904.3	909.0	904.3	896.5	886.1	871.0	851.0	825.3	794.2
50°	1063.5	1078.4	1087.9	1091.7	1087.9	1078.4	1063.5	1041.8	1012.9	977.1	935.9
47.5°	1285.4	1305.1	1319.7	1329.9	1319.7	1305.1	1285.4	1256.3	1216.1	1165.9	1108.2
45°	1574.4	1604.5	1624.9	1636.8	1624.9	1604.5	1574.4	1531.5	1473.5	1401.3	1319.4
42.5°	1961.1	2007.7	2036.3	2047.3	2036.3	2007.7	1961.1	1895.7	1812.1	1708.6	1599.9
40°	2409.9	2465.9	2502.6	2528.1	2502.6	2465.9	2409.9	2330.0	2228.8	2105.3	1970.7
37.5°	2877.3	2936.1	2971.9	2996.2	2971.9	2936.1	2877.3	2790.3	2676.9	2541.8	2382.6
35°	3354.2	3415.8	3449.3	3468.1	3449.3	3415.8	3354.2	3256.4	3126.8	2974.3	2801.2
32.5°	3843.7	3911.6	3948.1	3985.9	3948.1	3911.6	3843.7	3730.1	3581.0	3409.8	3219.9
30°	4355.0	4432.9	4471.1	4489.6	4471.1	4432.9	4355.0	4219.3	4047.6	3857.0	3642.5
27.5°	4887.1	4984.2	5032.0	5063.5	5032.0	4984.2	4887.1	4728.6	4532.3	4316.9	4070.7
25°	5440.7	5561.0	5615.8	5664.8	5615.8	5561.0	5440.7	5255.5	5036.4	4789.1	4507.2
22.5°	6015.1	6164.9	6228.3	6263.2	6228.3	6164.9	6015.1	5797.7	5550.9	5269.4	4954.2
20°	6604.5	6783.5	6871.7	6917.0	6871.7	6783.5	6604.5	6357.5	6071.9	5746.9	5395.7
17.5°	7207.1	7429.9	7543.9	7570.1	7543.9	7429.9	7207.1	6928.9	6597.5	6227.8	5826.2
15°	7798.8	8039.7	8174.5	8223.9	8174.5	8039.7	7798.8	7485.1	7115.2	6695.1	6243.1
12.5°	8359.1	8608.8	8769.9	8798.6	8769.9	8608.8	8359.1	8019.3	7619.9	7135.0	6634.5
10°	8867.4	9126.0	9303.9	9344.5	9303.9	9126.0	8867.4	8492.1	8035.4	7521.0	6969.6
7.5°	9292.2	9575.9	9772.6	9806.8	9772.6	9575.9	9292.2	8892.0	8386.7	7832.4	7244.1
5°	9603.0	9939.9	10101.3	10141.8	10101.3	9939.9	9603.0	9166.2	8642.4	8059.7	7444.6
2.5°	9773.5	10116.5	10340.8	10314.9	10340.8	10116.5	9773.5	9337.5	8799.3	8194.8	7563.6
0°	9792.7	10151.4	10365.9	10465.0	10365.9	10151.4	9792.7	9374.1	8837.8	8241.7	7585.6
-2.5°	9773.5	10116.5	10340.8	10314.9	10340.8	10116.5	9773.5	9337.5	8799.3	8194.8	7563.6
-5°	9603.0	9939.9	10101.3	10141.8	10101.3	9939.9	9603.0	9166.2	8642.4	8059.7	7444.6
-7.5°	9292.2	9575.9	9772.6	9806.8	9772.6	9575.9	9292.2	8892.0	8386.7	7832.4	7244.1
-10°	8867.4	9126.0	9303.9	9344.5	9303.9	9126.0	8867.4	8492.1	8035.4	7521.0	6969.6
-12.5°	8359.1	8608.8	8769.9	8798.6	8769.9	8608.8	8359.1	8019.3	7619.9	7135.0	6634.5
-15°	7798.8	8039.7	8174.5	8223.9	8174.5	8039.7	7798.8	7485.1	7115.2	6695.1	6243.1
-17.5°	7207.1	7429.9	7543.9	7570.1	7543.9	7429.9	7207.1	6928.9	6597.5	6227.8	5826.2
-20°	6604.5	6783.5	6871.7	6917.0	6871.7	6783.5	6604.5	6357.5	6071.9	5746.9	5395.7



REPORT NUMBER: P626953 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6015.1	6164.9	6228.3	6263.2	6228.3	6164.9	6015.1	5797.7	5550.9	5269.4	4954.2
-25°	5440.7	5561.0	5615.8	5664.8	5615.8	5561.0	5440.7	5255.5	5036.4	4789.1	4507.2
-27.5°	4887.1	4984.2	5032.0	5063.5	5032.0	4984.2	4887.1	4728.6	4532.3	4316.9	4070.7
-30°	4355.0	4432.9	4471.1	4489.6	4471.1	4432.9	4355.0	4219.3	4047.6	3857.0	3642.5
-32.5°	3843.7	3911.6	3948.1	3985.9	3948.1	3911.6	3843.7	3730.1	3581.0	3409.8	3219.9
-35°	3354.2	3415.8	3449.3	3468.1	3449.3	3415.8	3354.2	3256.4	3126.8	2974.3	2801.2
-37.5°	2877.3	2936.1	2971.9	2996.2	2971.9	2936.1	2877.3	2790.3	2676.9	2541.8	2382.6
-40°	2409.9	2465.9	2502.6	2528.1	2502.6	2465.9	2409.9	2330.0	2228.8	2105.3	1970.7
-42.5°	1961.1	2007.7	2036.3	2047.3	2036.3	2007.7	1961.1	1895.7	1812.1	1708.6	1599.9
-45°	1574.4	1604.5	1624.9	1636.8	1624.9	1604.5	1574.4	1531.5	1473.5	1401.3	1319.4
-47.5°	1285.4	1305.1	1319.7	1329.9	1319.7	1305.1	1285.4	1256.3	1216.1	1165.9	1108.2
-50°	1063.5	1078.4	1087.9	1091.7	1087.9	1078.4	1063.5	1041.8	1012.9	977.1	935.9
-52.5°	886.1	896.5	904.3	909.0	904.3	896.5	886.1	871.0	851.0	825.3	794.2
-55°	749.9	758.4	762.2	761.8	762.2	758.4	749.9	737.7	721.8	701.8	679.0
-57.5°	633.9	640.3	643.7	644.2	643.7	640.3	633.9	625.0	613.8	600.0	583.7
-60°	539.6	543.5	546.0	546.6	546.0	543.5	539.6	533.6	525.6	514.9	502.0
-62.5°	456.8	460.6	462.5	462.3	462.5	460.6	456.8	451.2	443.9	435.4	426.4
-65°	369.9	370.6	372.1	372.8	372.1	370.6	369.9	367.9	364.5	360.7	355.6
-67.5°	304.8	304.6	305.3	305.5	305.3	304.6	304.8	304.1	302.4	299.3	294.6
-70°	247.9	247.4	245.2	241.9	245.2	247.4	247.9	248.2	248.4	247.8	244.6
-72.5°	183.8	175.4	166.8	157.5	166.8	175.4	183.8	192.0	200.1	205.6	203.9
-75°	133.2	119.3	114.6	110.2	114.6	119.3	133.2	146.6	159.4	169.2	168.0
-77.5°	97.6	84.4	80.6	76.9	80.6	84.4	97.6	110.3	122.3	132.1	131.6
-80°	66.6	57.0	55.1	53.3	55.1	57.0	66.6	75.9	84.8	92.6	93.6
-82.5°	41.8	34.7	33.6	32.5	33.6	34.7	41.8	48.6	55.0	60.8	60.3
-85°	19.4	16.2	15.9	15.5	15.9	16.2	19.4	22.4	25.3	27.9	27.3
-87.5°	3.3	3.0	2.6	2.2	2.6	3.0	3.3	3.6	4.0	4.3	4.4
-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: P626953 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-U-WR-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°	4.5	4.6	4.7	4.9	5.2	5.3	5.5	5.3	5.1	4.9	4.7
85°	26.6	25.8	25.1	25.0	24.9	24.6	24.1	21.6	19.2	17.0	15.0
82.5°	59.6	58.5	57.2	55.2	53.2	51.2	48.9	43.7	38.7	33.9	30.0
80°	94.2	94.2	93.2	89.6	85.8	81.8	77.0	68.8	60.8	53.4	48.2
77.5°	130.9	130.0	128.2	123.3	118.4	113.4	107.1	96.5	85.8	75.6	69.0
75°	166.5	164.6	161.4	155.4	148.9	141.9	134.4	125.2	114.6	102.7	93.9
72.5°	201.6	198.8	194.6	188.3	181.0	173.4	165.5	156.5	146.1	134.4	125.5
70°	240.8	236.3	230.6	223.4	215.9	207.9	199.7	190.5	179.7	168.0	158.7
67.5°	288.7	281.7	273.7	265.1	256.9	247.4	237.7	227.2	216.3	204.0	192.3
65°	348.4	339.0	328.3	319.0	308.0	294.9	280.3	267.5	254.9	241.1	225.7
62.5°	417.1	407.9	393.1	377.9	363.2	348.3	330.6	312.7	295.4	278.1	260.1
60°	487.3	470.8	454.8	437.4	418.5	398.4	378.9	358.5	337.2	316.2	294.8
57.5°	564.8	544.4	523.4	501.0	477.1	454.2	430.5	405.1	380.9	355.5	329.9
55°	653.8	629.1	602.3	572.9	542.6	515.4	486.4	457.4	427.9	396.0	367.7
52.5°	759.2	728.5	694.1	656.1	620.5	584.4	546.7	513.7	477.8	442.4	407.1
50°	893.6	850.0	802.8	754.8	710.7	663.0	618.8	575.3	531.8	490.8	449.8
47.5°	1054.6	996.9	932.3	872.7	814.2	755.2	700.8	643.3	593.4	541.7	496.2
45°	1250.3	1173.5	1090.4	1014.7	932.6	861.3	791.9	725.9	660.3	601.9	543.8
42.5°	1500.6	1388.6	1283.2	1182.7	1079.2	985.5	893.0	814.8	737.8	665.6	600.0
40°	1822.4	1659.3	1523.9	1379.7	1254.4	1128.9	1018.3	909.9	822.5	736.9	656.9
37.5°	2202.4	2011.4	1818.1	1620.8	1457.7	1299.9	1157.6	1030.0	911.1	813.8	721.4
35°	2604.1	2388.5	2156.9	1925.8	1687.6	1496.5	1315.7	1158.4	1019.7	894.2	787.8
32.5°	3005.0	2768.2	2513.3	2249.7	1982.1	1714.6	1497.6	1302.7	1129.1	986.3	860.4
30°	3405.7	3145.8	2866.6	2578.7	2285.1	1984.9	1688.8	1461.2	1257.4	1078.2	933.3
27.5°	3807.7	3526.1	3220.5	2903.8	2587.3	2259.9	1931.8	1624.7	1386.6	1184.1	1013.4
25°	4210.2	3895.2	3567.1	3222.4	2877.3	2529.3	2166.8	1824.4	1531.5	1290.1	1087.3
22.5°	4613.9	4260.2	3894.5	3524.1	3153.1	2781.2	2401.8	2020.1	1668.8	1397.9	1173.7
20°	5012.7	4615.6	4215.2	3813.7	3413.8	3016.1	2619.4	2212.0	1830.2	1509.4	1254.4
17.5°	5396.9	4955.7	4521.1	4085.8	3658.1	3236.4	2814.5	2389.0	1974.4	1608.7	1325.6
15°	5762.8	5281.4	4809.3	4342.0	3880.3	3427.6	2987.3	2544.5	2105.5	1712.3	1403.7
12.5°	6108.0	5582.6	5068.3	4561.2	4070.6	3596.1	3138.4	2681.0	2228.9	1813.3	1473.2
10°	6402.9	5839.2	5285.7	4750.8	4235.4	3739.4	3263.0	2796.4	2334.8	1897.3	1530.2
7.5°	6642.7	6045.5	5461.8	4900.7	4364.7	3853.5	3359.3	2885.0	2418.5	1962.9	1574.1
5°	6817.9	6197.3	5592.4	5011.8	4454.1	3936.6	3427.2	2945.6	2479.3	2009.6	1604.8
2.5°	6926.5	6289.1	5670.0	5079.2	4506.2	3986.4	3466.6	2982.2	2513.9	2035.2	1624.1
0°	6946.6	6332.0	5694.4	5086.4	4536.1	4001.4	3477.0	2995.5	2522.9	2040.6	1630.1
-2.5°	6926.5	6289.1	5670.0	5079.2	4506.2	3986.4	3466.6	2982.2	2513.9	2035.2	1624.1
-5°	6817.9	6197.3	5592.4	5011.8	4454.1	3936.6	3427.2	2945.6	2479.3	2009.6	1604.8
-7.5°	6642.7	6045.5	5461.8	4900.7	4364.7	3853.5	3359.3	2885.0	2418.5	1962.9	1574.1
-10°	6402.9	5839.2	5285.7	4750.8	4235.4	3739.4	3263.0	2796.4	2334.8	1897.3	1530.2
-12.5°	6108.0	5582.6	5068.3	4561.2	4070.6	3596.1	3138.4	2681.0	2228.9	1813.3	1473.2
-15°	5762.8	5281.4	4809.3	4342.0	3880.3	3427.6	2987.3	2544.5	2105.5	1712.3	1403.7
-17.5°	5396.9	4955.7	4521.1	4085.8	3658.1	3236.4	2814.5	2389.0	1974.4	1608.7	1325.6
-20°	5012.7	4615.6	4215.2	3813.7	3413.8	3016.1	2619.4	2212.0	1830.2	1509.4	1254.4



REPORT NUMBER: P626953 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4613.9	4260.2	3894.5	3524.1	3153.1	2781.2	2401.8	2020.1	1668.8	1397.9	1173.7
-25°	4210.2	3895.2	3567.1	3222.4	2877.3	2529.3	2166.8	1824.4	1531.5	1290.1	1087.3
-27.5°	3807.7	3526.1	3220.5	2903.8	2587.3	2259.9	1931.8	1624.7	1386.6	1184.1	1013.4
-30°	3405.7	3145.8	2866.6	2578.7	2285.1	1984.9	1688.8	1461.2	1257.4	1078.2	933.3
-32.5°	3005.0	2768.2	2513.3	2249.7	1982.1	1714.6	1497.6	1302.7	1129.1	986.3	860.4
-35°	2604.1	2388.5	2156.9	1925.8	1687.6	1496.5	1315.7	1158.4	1019.7	894.2	787.8
-37.5°	2202.4	2011.4	1818.1	1620.8	1457.7	1299.9	1157.6	1030.0	911.1	813.8	721.4
-40°	1822.4	1659.3	1523.9	1379.7	1254.4	1128.9	1018.3	909.9	822.5	736.9	656.9
-42.5°	1500.6	1388.6	1283.2	1182.7	1079.2	985.5	893.0	814.8	737.8	665.6	600.0
-45°	1250.3	1173.5	1090.4	1014.7	932.6	861.3	791.9	725.9	660.3	601.9	543.8
-47.5°	1054.6	996.9	932.3	872.7	814.2	755.2	700.8	643.3	593.4	541.7	496.2
-50°	893.6	850.0	802.8	754.8	710.7	663.0	618.8	575.3	531.8	490.8	449.8
-52.5°	759.2	728.5	694.1	656.1	620.5	584.4	546.7	513.7	477.8	442.4	407.1
-55°	653.8	629.1	602.3	572.9	542.6	515.4	486.4	457.4	427.9	396.0	367.7
-57.5°	564.8	544.4	523.4	501.0	477.1	454.2	430.5	405.1	380.9	355.5	329.9
-60°	487.3	470.8	454.8	437.4	418.5	398.4	378.9	358.5	337.2	316.2	294.8
-62.5°	417.1	407.9	393.1	377.9	363.2	348.3	330.6	312.7	295.4	278.1	260.1
-65°	348.4	339.0	328.3	319.0	308.0	294.9	280.3	267.5	254.9	241.1	225.7
-67.5°	288.7	281.7	273.7	265.1	256.9	247.4	237.7	227.2	216.3	204.0	192.3
-70°	240.8	236.3	230.6	223.4	215.9	207.9	199.7	190.5	179.7	168.0	158.7
-72.5°	201.6	198.8	194.6	188.3	181.0	173.4	165.5	156.5	146.1	134.4	125.5
-75°	166.5	164.6	161.4	155.4	148.9	141.9	134.4	125.2	114.6	102.7	93.9
-77.5°	130.9	130.0	128.2	123.3	118.4	113.4	107.1	96.5	85.8	75.6	69.0
-80°	94.2	94.2	93.2	89.6	85.8	81.8	77.0	68.8	60.8	53.4	48.2
-82.5°	59.6	58.5	57.2	55.2	53.2	51.2	48.9	43.7	38.7	33.9	30.0
-85°	26.6	25.8	25.1	25.0	24.9	24.6	24.1	21.6	19.2	17.0	15.0
-87.5°	4.5	4.6	4.7	4.9	5.2	5.3	5.5	5.3	5.1	4.9	4.7
-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: P626953 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-722-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°	5.3	5.7	6.1	6.4	6.6	6.7	6.7	6.6	6.3	5.9	5.5
85°	15.7	16.0	16.0	15.5	14.4	13.3	13.3	13.1	12.6	11.9	11.0
82.5°	31.1	32.1	32.7	32.5	30.4	28.3	26.0	23.6	21.1	18.2	16.5
80°	50.0	51.2	51.5	50.7	47.1	43.3	39.9	36.5	33.1	29.3	25.0
77.5°	70.4	71.3	71.5	70.1	65.6	60.7	55.4	49.9	45.2	40.4	35.1
75°	92.4	92.7	92.4	90.1	84.5	78.1	71.7	64.8	57.9	51.5	45.1
72.5°	120.8	116.9	114.0	110.2	104.1	96.9	88.7	79.6	70.8	62.6	55.0
70°	150.6	142.4	136.0	130.1	123.3	115.8	106.7	95.2	83.5	73.6	64.3
67.5°	181.6	171.4	161.2	150.5	142.2	133.7	124.5	110.7	96.6	84.3	73.4
65°	211.9	199.3	187.7	173.8	161.7	151.3	141.0	125.3	109.3	94.9	82.3
62.5°	242.4	225.5	211.0	195.9	181.3	168.4	156.8	138.9	121.4	105.0	90.7
60°	273.7	254.0	234.2	216.8	200.2	184.6	170.1	152.1	133.1	114.7	98.7
57.5°	306.2	282.5	259.8	238.2	218.9	200.9	182.9	164.3	144.5	124.5	105.9
55°	338.9	312.1	285.6	260.8	237.9	217.4	196.2	175.9	155.3	134.1	111.6
52.5°	374.1	342.7	312.7	283.8	257.6	233.5	210.4	187.3	165.7	143.3	117.8
50°	411.3	375.0	340.8	308.4	277.1	250.3	224.3	199.7	175.8	152.2	123.7
47.5°	450.5	409.4	370.4	333.3	299.3	266.6	238.8	212.0	185.6	160.9	129.1
45°	493.5	444.7	400.8	360.0	320.5	285.0	253.1	223.8	196.2	167.2	133.9
42.5°	536.8	482.8	432.3	385.9	343.7	303.7	266.8	236.1	206.4	173.0	138.6
40°	586.7	521.7	464.1	413.8	366.5	321.5	282.6	247.9	216.0	178.6	143.2
37.5°	635.4	563.6	498.7	440.4	389.1	341.5	297.9	259.2	223.5	184.9	147.3
35°	692.8	606.8	531.7	468.5	412.3	360.6	312.3	270.7	231.7	190.8	151.0
32.5°	748.5	650.9	568.8	497.3	434.2	378.7	327.5	282.5	240.1	196.5	154.2
30°	809.7	698.8	603.8	524.2	456.0	397.4	342.9	293.6	248.5	201.9	157.3
27.5°	868.5	743.0	637.8	552.8	479.0	414.8	357.0	304.0	257.0	207.5	161.2
25°	926.8	790.7	675.3	580.0	500.2	430.6	370.1	313.7	265.4	213.8	164.7
22.5°	990.1	836.9	709.2	604.4	519.3	445.0	382.5	324.3	273.0	219.8	167.8
20°	1048.2	878.6	739.4	627.8	538.3	460.7	394.2	333.8	279.9	225.4	170.4
17.5°	1103.1	921.0	773.0	653.1	556.3	474.5	404.4	342.2	286.0	230.6	172.5
15°	1160.7	963.1	803.4	675.0	571.8	486.3	413.2	349.4	291.2	235.3	174.5
12.5°	1209.8	998.7	828.8	693.4	584.8	496.3	420.6	355.3	295.5	239.2	176.3
10°	1250.3	1027.6	849.4	708.3	595.4	504.3	426.4	360.2	299.2	242.3	177.2
7.5°	1281.8	1049.7	864.9	719.6	603.4	510.5	431.3	363.9	302.0	244.4	177.5
5°	1303.9	1065.1	876.3	727.5	609.5	514.9	434.8	366.4	303.9	245.6	176.9
2.5°	1315.5	1073.8	883.3	731.7	613.0	517.3	436.7	367.7	304.8	245.7	175.7
0°	1317.3	1075.4	885.3	732.2	613.9	517.7	437.1	367.6	304.7	244.8	173.8
-2.5°	1315.5	1073.8	883.3	731.7	613.0	517.3	436.7	367.7	304.8	245.7	175.7
-5°	1303.9	1065.1	876.3	727.5	609.5	514.9	434.8	366.4	303.9	245.6	176.9
-7.5°	1281.8	1049.7	864.9	719.6	603.4	510.5	431.3	363.9	302.0	244.4	177.5
-10°	1250.3	1027.6	849.4	708.3	595.4	504.3	426.4	360.2	299.2	242.3	177.2
-12.5°	1209.8	998.7	828.8	693.4	584.8	496.3	420.6	355.3	295.5	239.2	176.3
-15°	1160.7	963.1	803.4	675.0	571.8	486.3	413.2	349.4	291.2	235.3	174.5
-17.5°	1103.1	921.0	773.0	653.1	556.3	474.5	404.4	342.2	286.0	230.6	172.5
-20°	1048.2	878.6	739.4	627.8	538.3	460.7	394.2	333.8	279.9	225.4	170.4



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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°	990.1	836.9	709.2	604.4	519.3	445.0	382.5	324.3	273.0	219.8	167.8
-25°	926.8	790.7	675.3	580.0	500.2	430.6	370.1	313.7	265.4	213.8	164.7
-27.5°	868.5	743.0	637.8	552.8	479.0	414.8	357.0	304.0	257.0	207.5	161.2
-30°	809.7	698.8	603.8	524.2	456.0	397.4	342.9	293.6	248.5	201.9	157.3
-32.5°	748.5	650.9	568.8	497.3	434.2	378.7	327.5	282.5	240.1	196.5	154.2
-35°	692.8	606.8	531.7	468.5	412.3	360.6	312.3	270.7	231.7	190.8	151.0
-37.5°	635.4	563.6	498.7	440.4	389.1	341.5	297.9	259.2	223.5	184.9	147.3
-40°	586.7	521.7	464.1	413.8	366.5	321.5	282.6	247.9	216.0	178.6	143.2
-42.5°	536.8	482.8	432.3	385.9	343.7	303.7	266.8	236.1	206.4	173.0	138.6
-45°	493.5	444.7	400.8	360.0	320.5	285.0	253.1	223.8	196.2	167.2	133.9
-47.5°	450.5	409.4	370.4	333.3	299.3	266.6	238.8	212.0	185.6	160.9	129.1
-50°	411.3	375.0	340.8	308.4	277.1	250.3	224.3	199.7	175.8	152.2	123.7
-52.5°	374.1	342.7	312.7	283.8	257.6	233.5	210.4	187.3	165.7	143.3	117.8
-55°	338.9	312.1	285.6	260.8	237.9	217.4	196.2	175.9	155.3	134.1	111.6
-57.5°	306.2	282.5	259.8	238.2	218.9	200.9	182.9	164.3	144.5	124.5	105.9
-60°	273.7	254.0	234.2	216.8	200.2	184.6	170.1	152.1	133.1	114.7	98.7
-62.5°	242.4	225.5	211.0	195.9	181.3	168.4	156.8	138.9	121.4	105.0	90.7
-65°	211.9	199.3	187.7	173.8	161.7	151.3	141.0	125.3	109.3	94.9	82.3
-67.5°	181.6	171.4	161.2	150.5	142.2	133.7	124.5	110.7	96.6	84.3	73.4
-70°	150.6	142.4	136.0	130.1	123.3	115.8	106.7	95.2	83.5	73.6	64.3
-72.5°	120.8	116.9	114.0	110.2	104.1	96.9	88.7	79.6	70.8	62.6	55.0
-75°	92.4	92.7	92.4	90.1	84.5	78.1	71.7	64.8	57.9	51.5	45.1
-77.5°	70.4	71.3	71.5	70.1	65.6	60.7	55.4	49.9	45.2	40.4	35.1
-80°	50.0	51.2	51.5	50.7	47.1	43.3	39.9	36.5	33.1	29.3	25.0
-82.5°	31.1	32.1	32.7	32.5	30.4	28.3	26.0	23.6	21.1	18.2	16.5
-85°	15.7	16.0	16.0	15.5	14.4	13.3	13.3	13.1	12.6	11.9	11.0
-87.5°	5.3	5.7	6.1	6.4	6.6	6.7	6.7	6.6	6.3	5.9	5.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Peachtree City, GA 30269

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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°	5.0	3.9	2.9	2.0	1.2	0.5	0.0
85°	9.9	7.7	5.8	4.0	2.5	1.1	0.0
82.5°	14.8	11.6	8.6	6.0	3.7	1.6	0.0
80°	20.1	15.4	11.5	8.0	4.9	2.1	0.0
77.5°	28.8	20.0	14.2	9.9	6.1	2.6	0.0
75°	37.1	26.1	17.2	11.8	7.2	3.2	0.0
72.5°	45.3	32.1	21.4	13.7	8.4	3.7	0.0
70°	53.0	37.8	25.3	15.6	9.5	4.2	0.0
67.5°	59.6	43.3	29.1	18.1	10.6	4.6	0.0
65°	66.0	48.3	32.8	20.4	11.6	5.1	0.0
62.5°	72.0	52.9	36.2	22.6	12.6	5.6	0.0
60°	77.6	57.2	39.4	24.6	13.6	6.0	0.0
57.5°	82.7	61.3	42.3	26.6	14.8	6.4	0.0
55°	87.3	65.0	45.1	28.4	15.9	6.8	0.0
52.5°	91.6	68.3	47.6	30.0	17.0	7.2	0.0
50°	95.5	71.4	49.9	31.5	18.0	7.6	0.0
47.5°	99.1	74.2	51.9	32.8	19.0	7.9	0.0
45°	103.2	76.7	53.8	34.1	19.9	8.3	0.0
42.5°	106.8	78.9	55.3	35.3	20.8	8.6	0.0
40°	110.0	80.7	56.7	36.6	21.7	8.9	0.0
37.5°	112.7	82.2	58.0	37.9	22.4	9.1	0.0
35°	115.0	83.8	59.0	39.1	23.1	9.4	0.0
32.5°	117.1	85.5	59.7	40.2	23.8	9.6	0.0
30°	119.4	86.7	60.3	41.2	24.4	9.8	0.0
27.5°	121.2	87.6	61.6	42.1	24.9	10.0	0.0
25°	122.7	88.1	62.8	42.9	25.4	10.1	0.0
22.5°	123.7	88.8	63.9	43.5	25.8	10.3	0.0
20°	124.3	90.4	64.8	44.1	26.2	10.4	0.0
17.5°	125.7	91.8	65.6	44.5	26.4	10.4	0.0
15°	127.4	92.8	66.3	44.8	26.6	10.5	0.0
12.5°	128.6	93.6	66.7	45.0	26.8	10.5	0.0
10°	129.3	94.0	67.0	45.1	26.9	10.6	0.0
7.5°	129.7	94.2	67.2	45.1	26.9	10.6	0.0
5°	129.5	94.2	67.2	45.0	26.9	10.5	0.0
2.5°	129.0	93.8	67.0	44.7	26.8	10.5	0.0
0°	128.0	93.2	66.6	44.4	26.6	10.4	0.0
-2.5°	129.0	93.8	67.0	44.7	26.8	10.5	0.0
-5°	129.5	94.2	67.2	45.0	26.9	10.5	0.0
-7.5°	129.7	94.2	67.2	45.1	26.9	10.6	0.0
-10°	129.3	94.0	67.0	45.1	26.9	10.6	0.0
-12.5°	128.6	93.6	66.7	45.0	26.8	10.5	0.0
-15°	127.4	92.8	66.3	44.8	26.6	10.5	0.0
-17.5°	125.7	91.8	65.6	44.5	26.4	10.4	0.0
-20°	124.3	90.4	64.8	44.1	26.2	10.4	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	123.7	88.8	63.9	43.5	25.8	10.3	0.0
-25°	122.7	88.1	62.8	42.9	25.4	10.1	0.0
-27.5°	121.2	87.6	61.6	42.1	24.9	10.0	0.0
-30°	119.4	86.7	60.3	41.2	24.4	9.8	0.0
-32.5°	117.1	85.5	59.7	40.2	23.8	9.6	0.0
-35°	115.0	83.8	59.0	39.1	23.1	9.4	0.0
-37.5°	112.7	82.2	58.0	37.9	22.4	9.1	0.0
-40°	110.0	80.7	56.7	36.6	21.7	8.9	0.0
-42.5°	106.8	78.9	55.3	35.3	20.8	8.6	0.0
-45°	103.2	76.7	53.8	34.1	19.9	8.3	0.0
-47.5°	99.1	74.2	51.9	32.8	19.0	7.9	0.0
-50°	95.5	71.4	49.9	31.5	18.0	7.6	0.0
-52.5°	91.6	68.3	47.6	30.0	17.0	7.2	0.0
-55°	87.3	65.0	45.1	28.4	15.9	6.8	0.0
-57.5°	82.7	61.3	42.3	26.6	14.8	6.4	0.0
-60°	77.6	57.2	39.4	24.6	13.6	6.0	0.0
-62.5°	72.0	52.9	36.2	22.6	12.6	5.6	0.0
-65°	66.0	48.3	32.8	20.4	11.6	5.1	0.0
-67.5°	59.6	43.3	29.1	18.1	10.6	4.6	0.0
-70°	53.0	37.8	25.3	15.6	9.5	4.2	0.0
-72.5°	45.3	32.1	21.4	13.7	8.4	3.7	0.0
-75°	37.1	26.1	17.2	11.8	7.2	3.2	0.0
-77.5°	28.8	20.0	14.2	9.9	6.1	2.6	0.0
-80°	20.1	15.4	11.5	8.0	4.9	2.1	0.0
-82.5°	14.8	11.6	8.6	6.0	3.7	1.6	0.0
-85°	9.9	7.7	5.8	4.0	2.5	1.1	0.0
-87.5°	5.0	3.9	2.9	2.0	1.2	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)