

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



Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P626963 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2D-727-U-WR-XX

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P626963 (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: 5/9/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA2D-727-U-WR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQUARE, WIDE SYMMETRICAL ROUND N42  
Light Source: (32) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

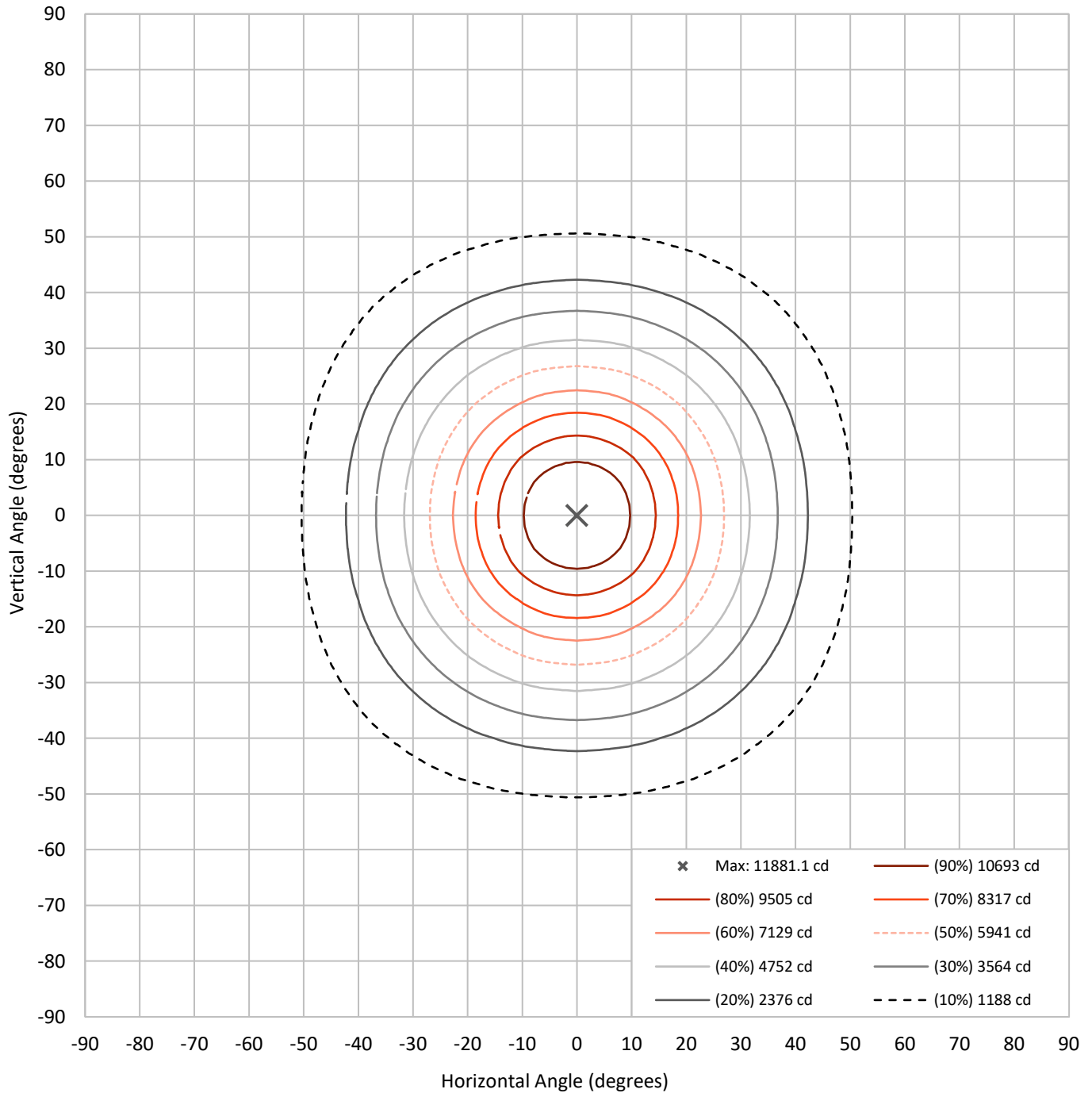
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	12091.6 lumens	Max Intensity:	11881.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	111.2 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:	5781.2 lumens	Field Lumens:	10671.2 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	108.74		
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





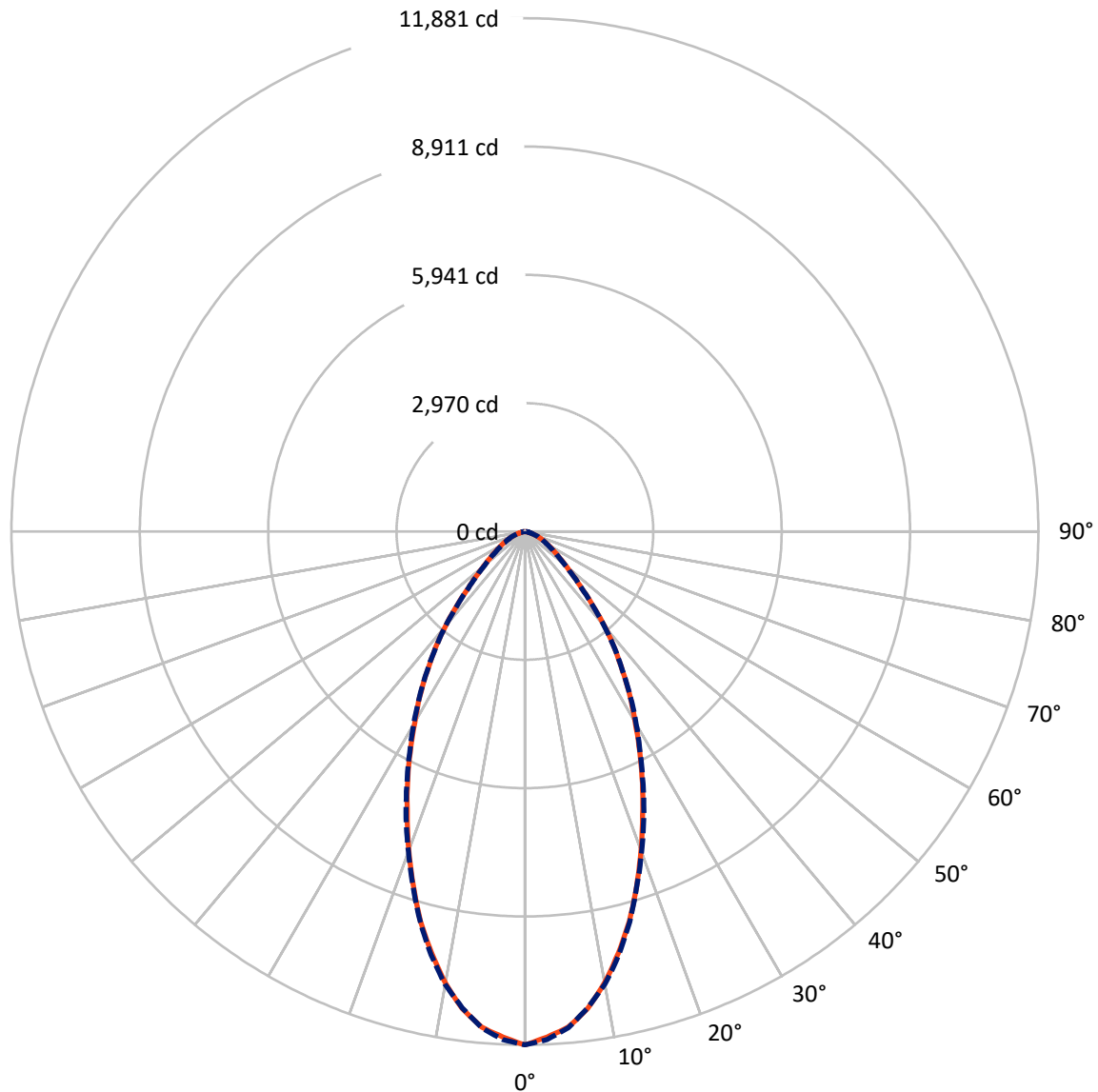
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### Lumen Table

90																			
80	0.5	3.3		7.6		12.7		10.8		12.7		7.6		3.3		0.5			
70																			
60	1.6	1.8	3.5	5.6	8.1	10.5	12.3	13.2	13.2	12.3	10.5	8.1	5.6	3.5	1.8	1.6			
50		2.6	5.2	9.1	13.9	19.1	23.9	26.6	26.6	23.9	19.1	13.9	9.1	5.2	2.6				
40	2.3	3.3	7.2	13.5	22.8	35.1	48.4	57.3	57.3	48.4	35.1	22.8	13.5	7.2	3.3	2.3			
30		4.1	9.5	19.7	38.3	68.0	98.9	117.3	117.3	98.9	68.0	38.3	19.7	9.5	4.1				
20	2.7	4.7	11.8	27.6	62.0	111.4	159.3	190.5	190.5	159.3	111.4	62.0	27.6	11.8	4.7	2.7			
10		5.3	13.9	35.7	84.6	150.4	221.9	273.1	273.1	221.9	150.4	84.6	35.7	13.9	5.3				
0	2.9	5.5	15.0	41.0	97.4	174.8	266.1	334.6	334.6	266.1	174.8	97.4	41.0	15.0	5.5	2.9			
-10		5.5	15.0	41.0	97.4	174.8	266.1	334.6	334.6	266.1	174.8	97.4	41.0	15.0	5.5				
-20	2.7	5.3	13.9	35.7	84.6	150.4	221.9	273.1	273.1	221.9	150.4	84.6	35.7	13.9	5.3	2.7			
-30		4.7	11.8	27.6	62.0	111.4	159.3	190.5	190.5	159.3	111.4	62.0	27.6	11.8	4.7				
-40	2.3	4.1	9.5	19.7	38.3	68.0	98.9	117.3	117.3	98.9	68.0	38.3	19.7	9.5	4.1	2.3			
-50		3.3	7.2	13.5	22.8	35.1	48.4	57.3	57.3	48.4	35.1	22.8	13.5	7.2	3.3				
-60	1.6	2.6	5.2	9.1	13.9	19.1	23.9	26.6	26.6	23.9	19.1	13.9	9.1	5.2	2.6	1.6			
-70		1.8	3.5	5.6	8.1	10.5	12.3	13.2	13.2	12.3	10.5	8.1	5.6	3.5	1.8				
-80	0.5	3.3		7.6		12.7		10.8		12.7		7.6		3.3		0.5			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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### Luminous Intensity Polar Plot

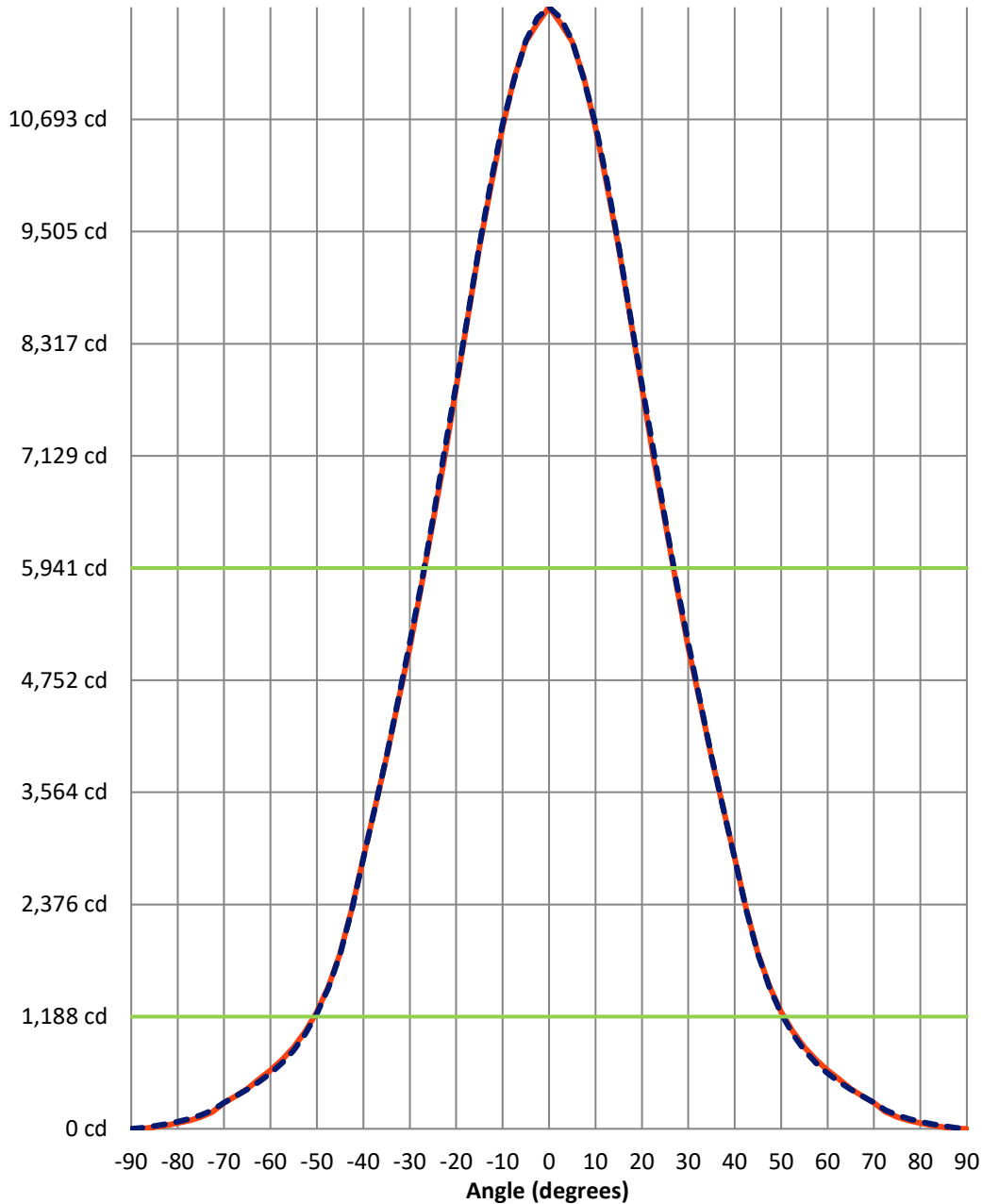


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 53.8°  
 V Angle: 53.6°  
 Lumens: 5781.2  
 Efficiency: 47.8%

**Field:**  
 H Angle: 100.8°  
 V Angle: 101.2°  
 Lumens: 10671.2  
 Efficiency: 88.3%

**Spill:**  
 Lumens: 1420.4  
 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	0.6	1.4	2.3	3.3	4.4	5.6	6.2	6.7	7.1	7.4
85°	0.0	1.2	2.8	4.5	6.5	8.8	11.3	12.5	13.5	14.3	14.9
82.5°	0.0	1.8	4.2	6.8	9.8	13.1	16.8	18.7	20.6	23.9	26.8
80°	0.0	2.4	5.5	9.0	13.0	17.4	22.9	28.4	33.3	37.6	41.4
77.5°	0.0	3.0	6.9	11.2	16.2	22.7	32.6	39.9	45.9	51.3	56.6
75°	0.0	3.6	8.2	13.4	19.6	29.7	42.2	51.3	58.5	65.8	73.6
72.5°	0.0	4.1	9.5	15.5	24.3	36.4	51.4	62.4	71.1	80.4	90.3
70°	0.0	4.7	10.8	17.7	28.8	42.9	60.1	73.0	83.5	94.8	108.1
67.5°	0.0	5.3	12.0	20.5	33.1	49.2	67.7	83.3	95.7	109.7	125.6
65°	0.0	5.8	13.2	23.1	37.2	54.9	74.9	93.4	107.7	124.1	142.2
62.5°	0.0	6.3	14.3	25.6	41.1	60.1	81.7	103.0	119.3	137.8	157.7
60°	0.0	6.8	15.4	28.0	44.7	65.0	88.1	112.1	130.2	151.1	172.7
57.5°	0.0	7.3	16.8	30.2	48.0	69.5	93.9	120.3	141.4	164.0	186.5
55°	0.0	7.8	18.0	32.2	51.2	73.7	99.2	126.8	152.2	176.3	199.7
52.5°	0.0	8.2	19.3	34.0	54.0	77.6	104.1	133.9	162.7	188.1	212.6
50°	0.0	8.6	20.5	35.7	56.6	81.1	108.5	140.5	172.7	199.5	226.7
47.5°	0.0	9.0	21.6	37.2	59.0	84.3	112.6	146.6	182.7	210.7	240.6
45°	0.0	9.4	22.6	38.8	61.0	87.1	117.2	152.0	189.8	222.7	254.1
42.5°	0.0	9.7	23.6	40.1	62.8	89.6	121.3	157.4	196.3	234.3	268.0
40°	0.0	10.1	24.6	41.6	64.4	91.7	124.9	162.5	202.8	245.1	281.5
37.5°	0.0	10.4	25.5	43.1	65.8	93.4	128.0	167.2	209.9	253.7	294.3
35°	0.0	10.7	26.3	44.4	67.0	95.3	130.5	171.4	216.6	263.0	307.4
32.5°	0.0	10.9	27.0	45.7	67.9	97.1	132.9	175.0	223.1	272.6	320.7
30°	0.0	11.1	27.7	46.8	68.5	98.5	135.5	178.6	229.2	282.2	333.3
27.5°	0.0	11.3	28.3	47.8	69.9	99.5	137.6	183.0	235.6	291.8	345.1
25°	0.0	11.5	28.8	48.7	71.4	100.1	139.3	187.0	242.7	301.3	356.1
22.5°	0.0	11.6	29.3	49.4	72.6	100.9	140.4	190.5	249.5	310.0	368.2
20°	0.0	11.8	29.7	50.0	73.7	102.7	141.1	193.4	255.9	317.8	378.9
17.5°	0.0	11.9	30.0	50.5	74.6	104.2	142.7	195.8	261.8	324.6	388.4
15°	0.0	11.9	30.3	50.9	75.3	105.4	144.6	198.1	267.1	330.6	396.6
12.5°	0.0	12.0	30.4	51.1	75.8	106.2	146.0	200.1	271.6	335.5	403.4
10°	0.0	12.0	30.5	51.2	76.1	106.8	146.8	201.2	275.0	339.6	408.9
7.5°	0.0	12.0	30.5	51.2	76.3	107.0	147.2	201.5	277.5	342.8	413.1
5°	0.0	11.9	30.5	51.0	76.3	106.9	147.0	200.9	278.8	345.0	416.0
2.5°	0.0	11.9	30.4	50.8	76.0	106.5	146.4	199.5	279.0	346.1	417.4
0°	0.0	11.8	30.2	50.4	75.6	105.8	145.3	197.3	277.9	346.0	417.3
-2.5°	0.0	11.9	30.4	50.8	76.0	106.5	146.4	199.5	279.0	346.1	417.4
-5°	0.0	11.9	30.5	51.0	76.3	106.9	147.0	200.9	278.8	345.0	416.0
-7.5°	0.0	12.0	30.5	51.2	76.3	107.0	147.2	201.5	277.5	342.8	413.1
-10°	0.0	12.0	30.5	51.2	76.1	106.8	146.8	201.2	275.0	339.6	408.9
-12.5°	0.0	12.0	30.4	51.1	75.8	106.2	146.0	200.1	271.6	335.5	403.4
-15°	0.0	11.9	30.3	50.9	75.3	105.4	144.6	198.1	267.1	330.6	396.6
-17.5°	0.0	11.9	30.0	50.5	74.6	104.2	142.7	195.8	261.8	324.6	388.4
-20°	0.0	11.8	29.7	50.0	73.7	102.7	141.1	193.4	255.9	317.8	378.9

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REPORT NUMBER: P626963 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	11.6	29.3	49.4	72.6	100.9	140.4	190.5	249.5	310.0	368.2
-25°	0.0	11.5	28.8	48.7	71.4	100.1	139.3	187.0	242.7	301.3	356.1
-27.5°	0.0	11.3	28.3	47.8	69.9	99.5	137.6	183.0	235.6	291.8	345.1
-30°	0.0	11.1	27.7	46.8	68.5	98.5	135.5	178.6	229.2	282.2	333.3
-32.5°	0.0	10.9	27.0	45.7	67.9	97.1	132.9	175.0	223.1	272.6	320.7
-35°	0.0	10.7	26.3	44.4	67.0	95.3	130.5	171.4	216.6	263.0	307.4
-37.5°	0.0	10.4	25.5	43.1	65.8	93.4	128.0	167.2	209.9	253.7	294.3
-40°	0.0	10.1	24.6	41.6	64.4	91.7	124.9	162.5	202.8	245.1	281.5
-42.5°	0.0	9.7	23.6	40.1	62.8	89.6	121.3	157.4	196.3	234.3	268.0
-45°	0.0	9.4	22.6	38.8	61.0	87.1	117.2	152.0	189.8	222.7	254.1
-47.5°	0.0	9.0	21.6	37.2	59.0	84.3	112.6	146.6	182.7	210.7	240.6
-50°	0.0	8.6	20.5	35.7	56.6	81.1	108.5	140.5	172.7	199.5	226.7
-52.5°	0.0	8.2	19.3	34.0	54.0	77.6	104.1	133.9	162.7	188.1	212.6
-55°	0.0	7.8	18.0	32.2	51.2	73.7	99.2	126.8	152.2	176.3	199.7
-57.5°	0.0	7.3	16.8	30.2	48.0	69.5	93.9	120.3	141.4	164.0	186.5
-60°	0.0	6.8	15.4	28.0	44.7	65.0	88.1	112.1	130.2	151.1	172.7
-62.5°	0.0	6.3	14.3	25.6	41.1	60.1	81.7	103.0	119.3	137.8	157.7
-65°	0.0	5.8	13.2	23.1	37.2	54.9	74.9	93.4	107.7	124.1	142.2
-67.5°	0.0	5.3	12.0	20.5	33.1	49.2	67.7	83.3	95.7	109.7	125.6
-70°	0.0	4.7	10.8	17.7	28.8	42.9	60.1	73.0	83.5	94.8	108.1
-72.5°	0.0	4.1	9.5	15.5	24.3	36.4	51.4	62.4	71.1	80.4	90.3
-75°	0.0	3.6	8.2	13.4	19.6	29.7	42.2	51.3	58.5	65.8	73.6
-77.5°	0.0	3.0	6.9	11.2	16.2	22.7	32.6	39.9	45.9	51.3	56.6
-80°	0.0	2.4	5.5	9.0	13.0	17.4	22.9	28.4	33.3	37.6	41.4
-82.5°	0.0	1.8	4.2	6.8	9.8	13.1	16.8	18.7	20.6	23.9	26.8
-85°	0.0	1.2	2.8	4.5	6.5	8.8	11.3	12.5	13.5	14.3	14.9
-87.5°	0.0	0.6	1.4	2.3	3.3	4.4	5.6	6.2	6.7	7.1	7.4
-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°	7.6	7.6	7.4	7.2	6.9	6.5	6.0	5.4	5.6	5.8	6.0
85°	15.1	15.1	16.4	17.6	18.1	18.2	17.8	17.0	19.3	21.8	24.5
82.5°	29.6	32.1	34.6	36.8	37.1	36.5	35.3	34.0	38.5	43.9	49.6
80°	45.3	49.1	53.5	57.5	58.5	58.1	56.8	54.7	60.7	69.0	78.1
77.5°	62.9	68.9	74.5	79.6	81.1	80.9	80.0	78.3	85.8	97.4	109.5
75°	81.4	88.7	95.9	102.2	104.9	105.2	104.9	106.6	116.5	130.1	142.1
72.5°	100.7	110.0	118.1	125.1	129.4	132.8	137.1	142.5	152.5	165.9	177.6
70°	121.2	131.5	140.0	147.7	154.4	161.6	170.9	180.1	190.7	204.0	216.2
67.5°	141.3	151.7	161.4	170.9	183.0	194.7	206.2	218.3	231.6	245.6	257.9
65°	160.0	171.8	183.6	197.4	213.2	226.4	240.6	256.3	273.7	289.4	303.8
62.5°	178.0	191.2	205.8	222.5	239.6	256.1	275.2	295.4	315.7	335.5	355.0
60°	193.1	209.6	227.3	246.2	265.9	288.3	310.8	334.7	359.1	382.8	407.0
57.5°	207.6	228.1	248.5	270.5	295.0	320.7	347.6	374.6	403.7	432.5	459.9
55°	222.7	246.9	270.1	296.1	324.2	354.4	384.8	417.5	449.7	485.8	519.2
52.5°	238.9	265.1	292.4	322.1	355.1	389.1	424.8	462.2	502.2	542.4	583.2
50°	254.7	284.2	314.6	350.1	387.0	425.8	467.0	510.6	557.2	603.8	653.2
47.5°	271.1	302.6	339.7	378.4	420.6	464.8	511.4	563.3	615.1	673.7	730.3
45°	287.4	323.6	363.8	408.8	455.1	504.8	560.3	617.4	683.4	749.6	824.1
42.5°	302.9	344.7	390.2	438.2	490.8	548.1	609.5	681.2	755.7	837.7	925.0
40°	320.9	364.9	416.2	469.8	526.8	592.3	666.2	745.8	836.7	933.8	1033.0
37.5°	338.2	387.7	441.7	499.9	566.2	639.9	721.4	819.1	923.9	1034.3	1169.3
35°	354.5	409.4	468.1	531.9	603.7	689.0	786.6	894.4	1015.2	1157.6	1315.2
32.5°	371.8	430.0	493.0	564.6	645.8	739.0	849.8	976.8	1119.7	1281.9	1479.0
30°	389.2	451.1	517.7	595.2	685.5	793.4	919.3	1059.6	1224.1	1427.5	1658.9
27.5°	405.3	470.9	543.9	627.6	724.1	843.6	986.1	1150.6	1344.3	1574.2	1844.5
25°	420.1	488.9	567.9	658.5	766.8	897.7	1052.2	1234.4	1464.6	1738.8	2071.3
22.5°	434.3	505.3	589.6	686.2	805.1	950.1	1124.0	1332.5	1587.0	1894.6	2293.4
20°	447.5	523.0	611.1	712.8	839.4	997.5	1190.1	1424.1	1713.7	2077.9	2511.2
17.5°	459.1	538.6	631.5	741.5	877.7	1045.6	1252.3	1504.9	1826.4	2241.5	2712.3
15°	469.1	552.1	649.1	766.3	912.1	1093.4	1317.7	1593.6	1944.0	2390.3	2888.8
12.5°	477.5	563.4	663.9	787.3	941.0	1133.8	1373.5	1672.6	2058.6	2530.5	3043.7
10°	484.1	572.4	675.9	804.2	964.3	1166.6	1419.5	1737.2	2154.0	2650.7	3174.8
7.5°	489.6	579.5	685.0	817.0	982.0	1191.7	1455.3	1787.1	2228.5	2745.8	3275.3
5°	493.6	584.6	692.0	825.9	994.9	1209.2	1480.3	1822.0	2281.5	2814.7	3344.1
2.5°	495.8	587.4	696.0	830.7	1002.9	1219.1	1493.5	1843.9	2310.6	2854.1	3385.7
0°	496.3	587.8	697.0	831.3	1005.1	1220.9	1495.5	1850.7	2316.8	2864.3	3400.8
-2.5°	495.8	587.4	696.0	830.7	1002.9	1219.1	1493.5	1843.9	2310.6	2854.1	3385.7
-5°	493.6	584.6	692.0	825.9	994.9	1209.2	1480.3	1822.0	2281.5	2814.7	3344.1
-7.5°	489.6	579.5	685.0	817.0	982.0	1191.7	1455.3	1787.1	2228.5	2745.8	3275.3
-10°	484.1	572.4	675.9	804.2	964.3	1166.6	1419.5	1737.2	2154.0	2650.7	3174.8
-12.5°	477.5	563.4	663.9	787.3	941.0	1133.8	1373.5	1672.6	2058.6	2530.5	3043.7
-15°	469.1	552.1	649.1	766.3	912.1	1093.4	1317.7	1593.6	1944.0	2390.3	2888.8
-17.5°	459.1	538.6	631.5	741.5	877.7	1045.6	1252.3	1504.9	1826.4	2241.5	2712.3
-20°	447.5	523.0	611.1	712.8	839.4	997.5	1190.1	1424.1	1713.7	2077.9	2511.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626963 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2D-727-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°	434.3	505.3	589.6	686.2	805.1	950.1	1124.0	1332.5	1587.0	1894.6	2293.4
-25°	420.1	488.9	567.9	658.5	766.8	897.7	1052.2	1234.4	1464.6	1738.8	2071.3
-27.5°	405.3	470.9	543.9	627.6	724.1	843.6	986.1	1150.6	1344.3	1574.2	1844.5
-30°	389.2	451.1	517.7	595.2	685.5	793.4	919.3	1059.6	1224.1	1427.5	1658.9
-32.5°	371.8	430.0	493.0	564.6	645.8	739.0	849.8	976.8	1119.7	1281.9	1479.0
-35°	354.5	409.4	468.1	531.9	603.7	689.0	786.6	894.4	1015.2	1157.6	1315.2
-37.5°	338.2	387.7	441.7	499.9	566.2	639.9	721.4	819.1	923.9	1034.3	1169.3
-40°	320.9	364.9	416.2	469.8	526.8	592.3	666.2	745.8	836.7	933.8	1033.0
-42.5°	302.9	344.7	390.2	438.2	490.8	548.1	609.5	681.2	755.7	837.7	925.0
-45°	287.4	323.6	363.8	408.8	455.1	504.8	560.3	617.4	683.4	749.6	824.1
-47.5°	271.1	302.6	339.7	378.4	420.6	464.8	511.4	563.3	615.1	673.7	730.3
-50°	254.7	284.2	314.6	350.1	387.0	425.8	467.0	510.6	557.2	603.8	653.2
-52.5°	238.9	265.1	292.4	322.1	355.1	389.1	424.8	462.2	502.2	542.4	583.2
-55°	222.7	246.9	270.1	296.1	324.2	354.4	384.8	417.5	449.7	485.8	519.2
-57.5°	207.6	228.1	248.5	270.5	295.0	320.7	347.6	374.6	403.7	432.5	459.9
-60°	193.1	209.6	227.3	246.2	265.9	288.3	310.8	334.7	359.1	382.8	407.0
-62.5°	178.0	191.2	205.8	222.5	239.6	256.1	275.2	295.4	315.7	335.5	355.0
-65°	160.0	171.8	183.6	197.4	213.2	226.4	240.6	256.3	273.7	289.4	303.8
-67.5°	141.3	151.7	161.4	170.9	183.0	194.7	206.2	218.3	231.6	245.6	257.9
-70°	121.2	131.5	140.0	147.7	154.4	161.6	170.9	180.1	190.7	204.0	216.2
-72.5°	100.7	110.0	118.1	125.1	129.4	132.8	137.1	142.5	152.5	165.9	177.6
-75°	81.4	88.7	95.9	102.2	104.9	105.2	104.9	106.6	116.5	130.1	142.1
-77.5°	62.9	68.9	74.5	79.6	81.1	80.9	80.0	78.3	85.8	97.4	109.5
-80°	45.3	49.1	53.5	57.5	58.5	58.1	56.8	54.7	60.7	69.0	78.1
-82.5°	29.6	32.1	34.6	36.8	37.1	36.5	35.3	34.0	38.5	43.9	49.6
-85°	15.1	15.1	16.4	17.6	18.1	18.2	17.8	17.0	19.3	21.8	24.5
-87.5°	7.6	7.6	7.4	7.2	6.9	6.5	6.0	5.4	5.6	5.8	6.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626963 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-727-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°	6.2	6.1	5.8	5.6	5.4	5.2	5.1	5.0	4.8	4.5	4.1
85°	27.3	27.9	28.3	28.4	28.4	29.3	30.2	31.0	31.6	28.7	25.4
82.5°	55.5	58.1	60.4	62.7	65.0	66.5	67.7	68.5	69.1	62.5	55.2
80°	87.4	92.9	97.4	101.8	105.9	106.9	106.9	106.3	105.2	96.2	86.1
77.5°	121.6	128.7	134.4	140.1	145.6	147.7	148.7	149.4	149.9	138.9	125.2
75°	152.6	161.1	169.1	176.5	183.3	186.9	189.0	190.8	192.1	181.0	166.4
72.5°	187.9	196.9	205.5	213.7	220.9	225.7	228.8	231.4	233.4	227.1	218.0
70°	226.7	236.0	245.1	253.7	261.9	268.3	273.4	277.7	281.4	282.1	281.8
67.5°	269.8	280.9	291.7	301.0	310.7	319.8	327.8	334.5	339.8	343.3	345.2
65°	318.3	334.9	349.7	362.2	372.7	384.8	395.5	403.7	409.5	413.8	417.6
62.5°	375.3	395.4	412.3	429.1	446.3	463.1	473.5	484.1	494.3	504.0	512.3
60°	430.2	452.3	475.2	496.5	516.3	534.5	553.3	570.0	584.5	596.7	605.8
57.5°	488.7	515.6	541.6	568.8	594.3	618.1	641.3	662.7	681.2	696.8	709.6
55°	552.2	585.1	616.1	650.5	683.8	714.2	742.2	770.9	796.7	819.5	837.6
52.5°	620.7	663.4	704.4	744.8	788.0	827.0	861.9	901.7	937.0	966.1	988.9
50°	702.4	752.7	806.8	856.8	911.3	965.0	1014.6	1062.5	1109.4	1149.9	1182.7
47.5°	795.5	857.4	924.4	990.8	1058.4	1131.8	1197.3	1258.1	1323.7	1380.6	1426.3
45°	899.0	977.9	1058.8	1152.1	1238.0	1332.3	1419.6	1497.9	1590.9	1672.8	1738.8
42.5°	1013.8	1118.8	1225.3	1342.8	1456.8	1576.5	1703.6	1816.4	1939.7	2057.3	2152.3
40°	1156.1	1281.6	1424.2	1566.4	1730.1	1883.8	2069.0	2237.3	2390.2	2530.4	2645.3
37.5°	1314.2	1475.8	1654.9	1840.2	2064.1	2283.5	2500.3	2705.0	2885.7	3039.2	3167.9
35°	1493.8	1699.1	1916.0	2186.4	2448.7	2711.6	2956.5	3180.2	3376.7	3549.9	3697.1
32.5°	1700.2	1946.6	2250.3	2554.1	2853.4	3142.8	3411.6	3655.6	3871.2	4065.5	4234.8
30°	1917.3	2253.5	2594.3	2927.6	3254.5	3571.5	3866.6	4135.3	4378.9	4595.2	4790.3
27.5°	2193.2	2565.7	2937.4	3296.7	3656.2	4003.2	4323.0	4621.6	4901.0	5145.6	5368.5
25°	2459.9	2871.6	3266.7	3658.4	4049.8	4422.3	4779.9	5117.1	5437.2	5717.9	5966.7
22.5°	2726.7	3157.6	3579.8	4001.0	4421.4	4836.7	5238.2	5624.6	5982.5	6302.1	6582.2
20°	2973.8	3424.2	3875.7	4329.8	4785.5	5240.1	5691.0	6125.8	6521.9	6868.1	7207.2
17.5°	3195.3	3674.4	4153.1	4638.7	5132.8	5626.3	6127.2	6614.6	7056.2	7465.6	7865.6
15°	3391.5	3891.4	4405.4	4929.6	5460.1	5996.0	6542.6	7087.9	7601.1	8078.0	8497.9
12.5°	3563.0	4082.7	4621.5	5178.4	5754.2	6338.1	6934.6	7532.3	8100.4	8650.9	9104.4
10°	3704.5	4245.4	4808.5	5393.7	6000.9	6629.3	7269.3	7912.7	8538.7	9122.6	9641.2
7.5°	3813.8	4374.9	4955.2	5563.9	6200.9	6863.6	7541.5	8224.3	8892.3	9521.5	10095.3
5°	3890.9	4469.2	5056.8	5690.0	6349.1	7035.8	7740.4	8452.0	9150.2	9811.9	10406.5
2.5°	3935.7	4525.8	5116.0	5766.6	6437.2	7140.0	7863.7	8587.0	9303.7	9990.0	10601.0
0°	3947.5	4542.8	5150.0	5774.7	6464.9	7188.8	7886.6	8612.1	9356.9	10033.7	10642.5
-2.5°	3935.7	4525.8	5116.0	5766.6	6437.2	7140.0	7863.7	8587.0	9303.7	9990.0	10601.0
-5°	3890.9	4469.2	5056.8	5690.0	6349.1	7035.8	7740.4	8452.0	9150.2	9811.9	10406.5
-7.5°	3813.8	4374.9	4955.2	5563.9	6200.9	6863.6	7541.5	8224.3	8892.3	9521.5	10095.3
-10°	3704.5	4245.4	4808.5	5393.7	6000.9	6629.3	7269.3	7912.7	8538.7	9122.6	9641.2
-12.5°	3563.0	4082.7	4621.5	5178.4	5754.2	6338.1	6934.6	7532.3	8100.4	8650.9	9104.4
-15°	3391.5	3891.4	4405.4	4929.6	5460.1	5996.0	6542.6	7087.9	7601.1	8078.0	8497.9
-17.5°	3195.3	3674.4	4153.1	4638.7	5132.8	5626.3	6127.2	6614.6	7056.2	7465.6	7865.6
-20°	2973.8	3424.2	3875.7	4329.8	4785.5	5240.1	5691.0	6125.8	6521.9	6868.1	7207.2



REPORT NUMBER: P626963 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2726.7	3157.6	3579.8	4001.0	4421.4	4836.7	5238.2	5624.6	5982.5	6302.1	6582.2
-25°	2459.9	2871.6	3266.7	3658.4	4049.8	4422.3	4779.9	5117.1	5437.2	5717.9	5966.7
-27.5°	2193.2	2565.7	2937.4	3296.7	3656.2	4003.2	4323.0	4621.6	4901.0	5145.6	5368.5
-30°	1917.3	2253.5	2594.3	2927.6	3254.5	3571.5	3866.6	4135.3	4378.9	4595.2	4790.3
-32.5°	1700.2	1946.6	2250.3	2554.1	2853.4	3142.8	3411.6	3655.6	3871.2	4065.5	4234.8
-35°	1493.8	1699.1	1916.0	2186.4	2448.7	2711.6	2956.5	3180.2	3376.7	3549.9	3697.1
-37.5°	1314.2	1475.8	1654.9	1840.2	2064.1	2283.5	2500.3	2705.0	2885.7	3039.2	3167.9
-40°	1156.1	1281.6	1424.2	1566.4	1730.1	1883.8	2069.0	2237.3	2390.2	2530.4	2645.3
-42.5°	1013.8	1118.8	1225.3	1342.8	1456.8	1576.5	1703.6	1816.4	1939.7	2057.3	2152.3
-45°	899.0	977.9	1058.8	1152.1	1238.0	1332.3	1419.6	1497.9	1590.9	1672.8	1738.8
-47.5°	795.5	857.4	924.4	990.8	1058.4	1131.8	1197.3	1258.1	1323.7	1380.6	1426.3
-50°	702.4	752.7	806.8	856.8	911.3	965.0	1014.6	1062.5	1109.4	1149.9	1182.7
-52.5°	620.7	663.4	704.4	744.8	788.0	827.0	861.9	901.7	937.0	966.1	988.9
-55°	552.2	585.1	616.1	650.5	683.8	714.2	742.2	770.9	796.7	819.5	837.6
-57.5°	488.7	515.6	541.6	568.8	594.3	618.1	641.3	662.7	681.2	696.8	709.6
-60°	430.2	452.3	475.2	496.5	516.3	534.5	553.3	570.0	584.5	596.7	605.8
-62.5°	375.3	395.4	412.3	429.1	446.3	463.1	473.5	484.1	494.3	504.0	512.3
-65°	318.3	334.9	349.7	362.2	372.7	384.8	395.5	403.7	409.5	413.8	417.6
-67.5°	269.8	280.9	291.7	301.0	310.7	319.8	327.8	334.5	339.8	343.3	345.2
-70°	226.7	236.0	245.1	253.7	261.9	268.3	273.4	277.7	281.4	282.1	281.8
-72.5°	187.9	196.9	205.5	213.7	220.9	225.7	228.8	231.4	233.4	227.1	218.0
-75°	152.6	161.1	169.1	176.5	183.3	186.9	189.0	190.8	192.1	181.0	166.4
-77.5°	121.6	128.7	134.4	140.1	145.6	147.7	148.7	149.4	149.9	138.9	125.2
-80°	87.4	92.9	97.4	101.8	105.9	106.9	106.9	106.3	105.2	96.2	86.1
-82.5°	55.5	58.1	60.4	62.7	65.0	66.5	67.7	68.5	69.1	62.5	55.2
-85°	27.3	27.9	28.3	28.4	28.4	29.3	30.2	31.0	31.6	28.7	25.4
-87.5°	6.2	6.1	5.8	5.6	5.4	5.2	5.1	5.0	4.8	4.5	4.1
-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: P626963 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-727-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°	3.8	3.4	2.9	2.5	2.9	3.4	3.8	4.1	4.5	4.8	5.0
85°	22.0	18.4	18.0	17.6	18.0	18.4	22.0	25.4	28.7	31.6	31.0
82.5°	47.5	39.4	38.2	36.9	38.2	39.4	47.5	55.2	62.5	69.1	68.5
80°	75.6	64.7	62.5	60.5	62.5	64.7	75.6	86.1	96.2	105.2	106.3
77.5°	110.8	95.8	91.5	87.3	91.5	95.8	110.8	125.2	138.9	149.9	149.4
75°	151.2	135.4	130.1	125.1	130.1	135.4	151.2	166.4	181.0	192.1	190.8
72.5°	208.8	199.2	189.5	178.9	189.5	199.2	208.8	218.0	227.1	233.4	231.4
70°	281.5	280.8	278.4	274.6	278.4	280.8	281.5	281.8	282.1	281.4	277.7
67.5°	346.0	345.8	346.6	346.8	346.6	345.8	346.0	345.2	343.3	339.8	334.5
65°	419.9	420.7	422.4	423.2	422.4	420.7	419.9	417.6	413.8	409.5	403.7
62.5°	518.6	522.9	525.0	524.8	525.0	522.9	518.6	512.3	504.0	494.3	484.1
60°	612.6	617.0	619.8	620.5	619.8	617.0	612.6	605.8	596.7	584.5	570.0
57.5°	719.7	727.0	730.9	731.4	730.9	727.0	719.7	709.6	696.8	681.2	662.7
55°	851.4	861.1	865.4	864.9	865.4	861.1	851.4	837.6	819.5	796.7	770.9
52.5°	1006.0	1017.8	1026.6	1032.0	1026.6	1017.8	1006.0	988.9	966.1	937.0	901.7
50°	1207.4	1224.3	1235.0	1239.4	1235.0	1224.3	1207.4	1182.7	1149.9	1109.4	1062.5
47.5°	1459.3	1481.7	1498.3	1509.8	1498.3	1481.7	1459.3	1426.3	1380.6	1323.7	1258.1
45°	1787.5	1821.6	1844.8	1858.3	1844.8	1821.6	1787.5	1738.8	1672.8	1590.9	1497.9
42.5°	2226.5	2279.4	2311.8	2324.3	2311.8	2279.4	2226.5	2152.3	2057.3	1939.7	1816.4
40°	2736.0	2799.6	2841.3	2870.1	2841.3	2799.6	2736.0	2645.3	2530.4	2390.2	2237.3
37.5°	3266.7	3333.5	3374.1	3401.7	3374.1	3333.5	3266.7	3167.9	3039.2	2885.7	2705.0
35°	3808.1	3878.0	3916.1	3937.4	3916.1	3878.0	3808.1	3697.1	3549.9	3376.7	3180.2
32.5°	4363.8	4440.9	4482.3	4525.2	4482.3	4440.9	4363.8	4234.8	4065.5	3871.2	3655.6
30°	4944.4	5032.8	5076.1	5097.1	5076.1	5032.8	4944.4	4790.3	4595.2	4378.9	4135.3
27.5°	5548.4	5658.6	5713.0	5748.7	5713.0	5658.6	5548.4	5368.5	5145.6	4901.0	4621.6
25°	6176.9	6313.5	6375.7	6431.4	6375.7	6313.5	6176.9	5966.7	5717.9	5437.2	5117.1
22.5°	6829.0	6999.1	7071.1	7110.7	7071.1	6999.1	6829.0	6582.2	6302.1	5982.5	5624.6
20°	7498.1	7701.4	7801.4	7853.0	7801.4	7701.4	7498.1	7207.2	6868.1	6521.9	6125.8
17.5°	8182.4	8435.2	8564.7	8594.5	8564.7	8435.2	8182.4	7865.6	7465.6	7056.2	6614.6
15°	8854.1	9127.6	9280.7	9336.8	9280.7	9127.6	8854.1	8497.9	8078.0	7601.1	7087.9
12.5°	9490.3	9773.7	9956.6	9989.2	9956.6	9773.7	9490.3	9104.4	8650.9	8100.4	7532.3
10°	10067.2	10360.9	10562.9	10608.9	10562.9	10360.9	10067.2	9641.2	9122.6	8538.7	7912.7
7.5°	10549.5	10871.7	11094.9	11133.8	11094.9	10871.7	10549.5	10095.3	9521.5	8892.3	8224.3
5°	10902.4	11284.9	11468.2	11514.1	11468.2	11284.9	10902.4	10406.5	9811.9	9150.2	8452.0
2.5°	11096.0	11485.4	11740.0	11710.6	11740.0	11485.4	11096.0	10601.0	9990.0	9303.7	8587.0
0°	11117.8	11525.1	11768.6	11881.1	11768.6	11525.1	11117.8	10642.5	10033.7	9356.9	8612.1
-2.5°	11096.0	11485.4	11740.0	11710.6	11740.0	11485.4	11096.0	10601.0	9990.0	9303.7	8587.0
-5°	10902.4	11284.9	11468.2	11514.1	11468.2	11284.9	10902.4	10406.5	9811.9	9150.2	8452.0
-7.5°	10549.5	10871.7	11094.9	11133.8	11094.9	10871.7	10549.5	10095.3	9521.5	8892.3	8224.3
-10°	10067.2	10360.9	10562.9	10608.9	10562.9	10360.9	10067.2	9641.2	9122.6	8538.7	7912.7
-12.5°	9490.3	9773.7	9956.6	9989.2	9956.6	9773.7	9490.3	9104.4	8650.9	8100.4	7532.3
-15°	8854.1	9127.6	9280.7	9336.8	9280.7	9127.6	8854.1	8497.9	8078.0	7601.1	7087.9
-17.5°	8182.4	8435.2	8564.7	8594.5	8564.7	8435.2	8182.4	7865.6	7465.6	7056.2	6614.6
-20°	7498.1	7701.4	7801.4	7853.0	7801.4	7701.4	7498.1	7207.2	6868.1	6521.9	6125.8



REPORT NUMBER: P626963 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6829.0	6999.1	7071.1	7110.7	7071.1	6999.1	6829.0	6582.2	6302.1	5982.5	5624.6
-25°	6176.9	6313.5	6375.7	6431.4	6375.7	6313.5	6176.9	5966.7	5717.9	5437.2	5117.1
-27.5°	5548.4	5658.6	5713.0	5748.7	5713.0	5658.6	5548.4	5368.5	5145.6	4901.0	4621.6
-30°	4944.4	5032.8	5076.1	5097.1	5076.1	5032.8	4944.4	4790.3	4595.2	4378.9	4135.3
-32.5°	4363.8	4440.9	4482.3	4525.2	4482.3	4440.9	4363.8	4234.8	4065.5	3871.2	3655.6
-35°	3808.1	3878.0	3916.1	3937.4	3916.1	3878.0	3808.1	3697.1	3549.9	3376.7	3180.2
-37.5°	3266.7	3333.5	3374.1	3401.7	3374.1	3333.5	3266.7	3167.9	3039.2	2885.7	2705.0
-40°	2736.0	2799.6	2841.3	2870.1	2841.3	2799.6	2736.0	2645.3	2530.4	2390.2	2237.3
-42.5°	2226.5	2279.4	2311.8	2324.3	2311.8	2279.4	2226.5	2152.3	2057.3	1939.7	1816.4
-45°	1787.5	1821.6	1844.8	1858.3	1844.8	1821.6	1787.5	1738.8	1672.8	1590.9	1497.9
-47.5°	1459.3	1481.7	1498.3	1509.8	1498.3	1481.7	1459.3	1426.3	1380.6	1323.7	1258.1
-50°	1207.4	1224.3	1235.0	1239.4	1235.0	1224.3	1207.4	1182.7	1149.9	1109.4	1062.5
-52.5°	1006.0	1017.8	1026.6	1032.0	1026.6	1017.8	1006.0	988.9	966.1	937.0	901.7
-55°	851.4	861.1	865.4	864.9	865.4	861.1	851.4	837.6	819.5	796.7	770.9
-57.5°	719.7	727.0	730.9	731.4	730.9	727.0	719.7	709.6	696.8	681.2	662.7
-60°	612.6	617.0	619.8	620.5	619.8	617.0	612.6	605.8	596.7	584.5	570.0
-62.5°	518.6	522.9	525.0	524.8	525.0	522.9	518.6	512.3	504.0	494.3	484.1
-65°	419.9	420.7	422.4	423.2	422.4	420.7	419.9	417.6	413.8	409.5	403.7
-67.5°	346.0	345.8	346.6	346.8	346.6	345.8	346.0	345.2	343.3	339.8	334.5
-70°	281.5	280.8	278.4	274.6	278.4	280.8	281.5	281.8	282.1	281.4	277.7
-72.5°	208.8	199.2	189.5	178.9	189.5	199.2	208.8	218.0	227.1	233.4	231.4
-75°	151.2	135.4	130.1	125.1	130.1	135.4	151.2	166.4	181.0	192.1	190.8
-77.5°	110.8	95.8	91.5	87.3	91.5	95.8	110.8	125.2	138.9	149.9	149.4
-80°	75.6	64.7	62.5	60.5	62.5	64.7	75.6	86.1	96.2	105.2	106.3
-82.5°	47.5	39.4	38.2	36.9	38.2	39.4	47.5	55.2	62.5	69.1	68.5
-85°	22.0	18.4	18.0	17.6	18.0	18.4	22.0	25.4	28.7	31.6	31.0
-87.5°	3.8	3.4	2.9	2.5	2.9	3.4	3.8	4.1	4.5	4.8	5.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626963 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.1	5.2	5.4	5.6	5.8	6.1	6.2	6.0	5.8	5.6	5.4
85°	30.2	29.3	28.4	28.4	28.3	27.9	27.3	24.5	21.8	19.3	17.0
82.5°	67.7	66.5	65.0	62.7	60.4	58.1	55.5	49.6	43.9	38.5	34.0
80°	106.9	106.9	105.9	101.8	97.4	92.9	87.4	78.1	69.0	60.7	54.7
77.5°	148.7	147.7	145.6	140.1	134.4	128.7	121.6	109.5	97.4	85.8	78.3
75°	189.0	186.9	183.3	176.5	169.1	161.1	152.6	142.1	130.1	116.5	106.6
72.5°	228.8	225.7	220.9	213.7	205.5	196.9	187.9	177.6	165.9	152.5	142.5
70°	273.4	268.3	261.9	253.7	245.1	236.0	226.7	216.2	204.0	190.7	180.1
67.5°	327.8	319.8	310.7	301.0	291.7	280.9	269.8	257.9	245.6	231.6	218.3
65°	395.5	384.8	372.7	362.2	349.7	334.9	318.3	303.8	289.4	273.7	256.3
62.5°	473.5	463.1	446.3	429.1	412.3	395.4	375.3	355.0	335.5	315.7	295.4
60°	553.3	534.5	516.3	496.5	475.2	452.3	430.2	407.0	382.8	359.1	334.7
57.5°	641.3	618.1	594.3	568.8	541.6	515.6	488.7	459.9	432.5	403.7	374.6
55°	742.2	714.2	683.8	650.5	616.1	585.1	552.2	519.2	485.8	449.7	417.5
52.5°	861.9	827.0	788.0	744.8	704.4	663.4	620.7	583.2	542.4	502.2	462.2
50°	1014.6	965.0	911.3	856.8	806.8	752.7	702.4	653.2	603.8	557.2	510.6
47.5°	1197.3	1131.8	1058.4	990.8	924.4	857.4	795.5	730.3	673.7	615.1	563.3
45°	1419.6	1332.3	1238.0	1152.1	1058.8	977.9	899.0	824.1	749.6	683.4	617.4
42.5°	1703.6	1576.5	1456.8	1342.8	1225.3	1118.8	1013.8	925.0	837.7	755.7	681.2
40°	2069.0	1883.8	1730.1	1566.4	1424.2	1281.6	1156.1	1033.0	933.8	836.7	745.8
37.5°	2500.3	2283.5	2064.1	1840.2	1654.9	1475.8	1314.2	1169.3	1034.3	923.9	819.1
35°	2956.5	2711.6	2448.7	2186.4	1916.0	1699.1	1493.8	1315.2	1157.6	1015.2	894.4
32.5°	3411.6	3142.8	2853.4	2554.1	2250.3	1946.6	1700.2	1479.0	1281.9	1119.7	976.8
30°	3866.6	3571.5	3254.5	2927.6	2594.3	2253.5	1917.3	1658.9	1427.5	1224.1	1059.6
27.5°	4323.0	4003.2	3656.2	3296.7	2937.4	2565.7	2193.2	1844.5	1574.2	1344.3	1150.6
25°	4779.9	4422.3	4049.8	3658.4	3266.7	2871.6	2459.9	2071.3	1738.8	1464.6	1234.4
22.5°	5238.2	4836.7	4421.4	4001.0	3579.8	3157.6	2726.7	2293.4	1894.6	1587.0	1332.5
20°	5691.0	5240.1	4785.5	4329.8	3875.7	3424.2	2973.8	2511.2	2077.9	1713.7	1424.1
17.5°	6127.2	5626.3	5132.8	4638.7	4153.1	3674.4	3195.3	2712.3	2241.5	1826.4	1504.9
15°	6542.6	5996.0	5460.1	4929.6	4405.4	3891.4	3391.5	2888.8	2390.3	1944.0	1593.6
12.5°	6934.6	6338.1	5754.2	5178.4	4621.5	4082.7	3563.0	3043.7	2530.5	2058.6	1672.6
10°	7269.3	6629.3	6000.9	5393.7	4808.5	4245.4	3704.5	3174.8	2650.7	2154.0	1737.2
7.5°	7541.5	6863.6	6200.9	5563.9	4955.2	4374.9	3813.8	3275.3	2745.8	2228.5	1787.1
5°	7740.4	7035.8	6349.1	5690.0	5056.8	4469.2	3890.9	3344.1	2814.7	2281.5	1822.0
2.5°	7863.7	7140.0	6437.2	5766.6	5116.0	4525.8	3935.7	3385.7	2854.1	2310.6	1843.9
0°	7886.6	7188.8	6464.9	5774.7	5150.0	4542.8	3947.5	3400.8	2864.3	2316.8	1850.7
-2.5°	7863.7	7140.0	6437.2	5766.6	5116.0	4525.8	3935.7	3385.7	2854.1	2310.6	1843.9
-5°	7740.4	7035.8	6349.1	5690.0	5056.8	4469.2	3890.9	3344.1	2814.7	2281.5	1822.0
-7.5°	7541.5	6863.6	6200.9	5563.9	4955.2	4374.9	3813.8	3275.3	2745.8	2228.5	1787.1
-10°	7269.3	6629.3	6000.9	5393.7	4808.5	4245.4	3704.5	3174.8	2650.7	2154.0	1737.2
-12.5°	6934.6	6338.1	5754.2	5178.4	4621.5	4082.7	3563.0	3043.7	2530.5	2058.6	1672.6
-15°	6542.6	5996.0	5460.1	4929.6	4405.4	3891.4	3391.5	2888.8	2390.3	1944.0	1593.6
-17.5°	6127.2	5626.3	5132.8	4638.7	4153.1	3674.4	3195.3	2712.3	2241.5	1826.4	1504.9
-20°	5691.0	5240.1	4785.5	4329.8	3875.7	3424.2	2973.8	2511.2	2077.9	1713.7	1424.1



REPORT NUMBER: P626963 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5238.2	4836.7	4421.4	4001.0	3579.8	3157.6	2726.7	2293.4	1894.6	1587.0	1332.5
-25°	4779.9	4422.3	4049.8	3658.4	3266.7	2871.6	2459.9	2071.3	1738.8	1464.6	1234.4
-27.5°	4323.0	4003.2	3656.2	3296.7	2937.4	2565.7	2193.2	1844.5	1574.2	1344.3	1150.6
-30°	3866.6	3571.5	3254.5	2927.6	2594.3	2253.5	1917.3	1658.9	1427.5	1224.1	1059.6
-32.5°	3411.6	3142.8	2853.4	2554.1	2250.3	1946.6	1700.2	1479.0	1281.9	1119.7	976.8
-35°	2956.5	2711.6	2448.7	2186.4	1916.0	1699.1	1493.8	1315.2	1157.6	1015.2	894.4
-37.5°	2500.3	2283.5	2064.1	1840.2	1654.9	1475.8	1314.2	1169.3	1034.3	923.9	819.1
-40°	2069.0	1883.8	1730.1	1566.4	1424.2	1281.6	1156.1	1033.0	933.8	836.7	745.8
-42.5°	1703.6	1576.5	1456.8	1342.8	1225.3	1118.8	1013.8	925.0	837.7	755.7	681.2
-45°	1419.6	1332.3	1238.0	1152.1	1058.8	977.9	899.0	824.1	749.6	683.4	617.4
-47.5°	1197.3	1131.8	1058.4	990.8	924.4	857.4	795.5	730.3	673.7	615.1	563.3
-50°	1014.6	965.0	911.3	856.8	806.8	752.7	702.4	653.2	603.8	557.2	510.6
-52.5°	861.9	827.0	788.0	744.8	704.4	663.4	620.7	583.2	542.4	502.2	462.2
-55°	742.2	714.2	683.8	650.5	616.1	585.1	552.2	519.2	485.8	449.7	417.5
-57.5°	641.3	618.1	594.3	568.8	541.6	515.6	488.7	459.9	432.5	403.7	374.6
-60°	553.3	534.5	516.3	496.5	475.2	452.3	430.2	407.0	382.8	359.1	334.7
-62.5°	473.5	463.1	446.3	429.1	412.3	395.4	375.3	355.0	335.5	315.7	295.4
-65°	395.5	384.8	372.7	362.2	349.7	334.9	318.3	303.8	289.4	273.7	256.3
-67.5°	327.8	319.8	310.7	301.0	291.7	280.9	269.8	257.9	245.6	231.6	218.3
-70°	273.4	268.3	261.9	253.7	245.1	236.0	226.7	216.2	204.0	190.7	180.1
-72.5°	228.8	225.7	220.9	213.7	205.5	196.9	187.9	177.6	165.9	152.5	142.5
-75°	189.0	186.9	183.3	176.5	169.1	161.1	152.6	142.1	130.1	116.5	106.6
-77.5°	148.7	147.7	145.6	140.1	134.4	128.7	121.6	109.5	97.4	85.8	78.3
-80°	106.9	106.9	105.9	101.8	97.4	92.9	87.4	78.1	69.0	60.7	54.7
-82.5°	67.7	66.5	65.0	62.7	60.4	58.1	55.5	49.6	43.9	38.5	34.0
-85°	30.2	29.3	28.4	28.4	28.3	27.9	27.3	24.5	21.8	19.3	17.0
-87.5°	5.1	5.2	5.4	5.6	5.8	6.1	6.2	6.0	5.8	5.6	5.4
-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: P626963 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-727-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°	6.0	6.5	6.9	7.2	7.4	7.6	7.6	7.4	7.1	6.7	6.2
85°	17.8	18.2	18.1	17.6	16.4	15.1	15.1	14.9	14.3	13.5	12.5
82.5°	35.3	36.5	37.1	36.8	34.6	32.1	29.6	26.8	23.9	20.6	18.7
80°	56.8	58.1	58.5	57.5	53.5	49.1	45.3	41.4	37.6	33.3	28.4
77.5°	80.0	80.9	81.1	79.6	74.5	68.9	62.9	56.6	51.3	45.9	39.9
75°	104.9	105.2	104.9	102.2	95.9	88.7	81.4	73.6	65.8	58.5	51.3
72.5°	137.1	132.8	129.4	125.1	118.1	110.0	100.7	90.3	80.4	71.1	62.4
70°	170.9	161.6	154.4	147.7	140.0	131.5	121.2	108.1	94.8	83.5	73.0
67.5°	206.2	194.7	183.0	170.9	161.4	151.7	141.3	125.6	109.7	95.7	83.3
65°	240.6	226.4	213.2	197.4	183.6	171.8	160.0	142.2	124.1	107.7	93.4
62.5°	275.2	256.1	239.6	222.5	205.8	191.2	178.0	157.7	137.8	119.3	103.0
60°	310.8	288.3	265.9	246.2	227.3	209.6	193.1	172.7	151.1	130.2	112.1
57.5°	347.6	320.7	295.0	270.5	248.5	228.1	207.6	186.5	164.0	141.4	120.3
55°	384.8	354.4	324.2	296.1	270.1	246.9	222.7	199.7	176.3	152.2	126.8
52.5°	424.8	389.1	355.1	322.1	292.4	265.1	238.9	212.6	188.1	162.7	133.9
50°	467.0	425.8	387.0	350.1	314.6	284.2	254.7	226.7	199.5	172.7	140.5
47.5°	511.4	464.8	420.6	378.4	339.7	302.6	271.1	240.6	210.7	182.7	146.6
45°	560.3	504.8	455.1	408.8	363.8	323.6	287.4	254.1	222.7	189.8	152.0
42.5°	609.5	548.1	490.8	438.2	390.2	344.7	302.9	268.0	234.3	196.3	157.4
40°	666.2	592.3	526.8	469.8	416.2	364.9	320.9	281.5	245.1	202.8	162.5
37.5°	721.4	639.9	566.2	499.9	441.7	387.7	338.2	294.3	253.7	209.9	167.2
35°	786.6	689.0	603.7	531.9	468.1	409.4	354.5	307.4	263.0	216.6	171.4
32.5°	849.8	739.0	645.8	564.6	493.0	430.0	371.8	320.7	272.6	223.1	175.0
30°	919.3	793.4	685.5	595.2	517.7	451.1	389.2	333.3	282.2	229.2	178.6
27.5°	986.1	843.6	724.1	627.6	543.9	470.9	405.3	345.1	291.8	235.6	183.0
25°	1052.2	897.7	766.8	658.5	567.9	488.9	420.1	356.1	301.3	242.7	187.0
22.5°	1124.0	950.1	805.1	686.2	589.6	505.3	434.3	368.2	310.0	249.5	190.5
20°	1190.1	997.5	839.4	712.8	611.1	523.0	447.5	378.9	317.8	255.9	193.4
17.5°	1252.3	1045.6	877.7	741.5	631.5	538.6	459.1	388.4	324.6	261.8	195.8
15°	1317.7	1093.4	912.1	766.3	649.1	552.1	469.1	396.6	330.6	267.1	198.1
12.5°	1373.5	1133.8	941.0	787.3	663.9	563.4	477.5	403.4	335.5	271.6	200.1
10°	1419.5	1166.6	964.3	804.2	675.9	572.4	484.1	408.9	339.6	275.0	201.2
7.5°	1455.3	1191.7	982.0	817.0	685.0	579.5	489.6	413.1	342.8	277.5	201.5
5°	1480.3	1209.2	994.9	825.9	692.0	584.6	493.6	416.0	345.0	278.8	200.9
2.5°	1493.5	1219.1	1002.9	830.7	696.0	587.4	495.8	417.4	346.1	279.0	199.5
0°	1495.5	1220.9	1005.1	831.3	697.0	587.8	496.3	417.3	346.0	277.9	197.3
-2.5°	1493.5	1219.1	1002.9	830.7	696.0	587.4	495.8	417.4	346.1	279.0	199.5
-5°	1480.3	1209.2	994.9	825.9	692.0	584.6	493.6	416.0	345.0	278.8	200.9
-7.5°	1455.3	1191.7	982.0	817.0	685.0	579.5	489.6	413.1	342.8	277.5	201.5
-10°	1419.5	1166.6	964.3	804.2	675.9	572.4	484.1	408.9	339.6	275.0	201.2
-12.5°	1373.5	1133.8	941.0	787.3	663.9	563.4	477.5	403.4	335.5	271.6	200.1
-15°	1317.7	1093.4	912.1	766.3	649.1	552.1	469.1	396.6	330.6	267.1	198.1
-17.5°	1252.3	1045.6	877.7	741.5	631.5	538.6	459.1	388.4	324.6	261.8	195.8
-20°	1190.1	997.5	839.4	712.8	611.1	523.0	447.5	378.9	317.8	255.9	193.4



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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°	1124.0	950.1	805.1	686.2	589.6	505.3	434.3	368.2	310.0	249.5	190.5
-25°	1052.2	897.7	766.8	658.5	567.9	488.9	420.1	356.1	301.3	242.7	187.0
-27.5°	986.1	843.6	724.1	627.6	543.9	470.9	405.3	345.1	291.8	235.6	183.0
-30°	919.3	793.4	685.5	595.2	517.7	451.1	389.2	333.3	282.2	229.2	178.6
-32.5°	849.8	739.0	645.8	564.6	493.0	430.0	371.8	320.7	272.6	223.1	175.0
-35°	786.6	689.0	603.7	531.9	468.1	409.4	354.5	307.4	263.0	216.6	171.4
-37.5°	721.4	639.9	566.2	499.9	441.7	387.7	338.2	294.3	253.7	209.9	167.2
-40°	666.2	592.3	526.8	469.8	416.2	364.9	320.9	281.5	245.1	202.8	162.5
-42.5°	609.5	548.1	490.8	438.2	390.2	344.7	302.9	268.0	234.3	196.3	157.4
-45°	560.3	504.8	455.1	408.8	363.8	323.6	287.4	254.1	222.7	189.8	152.0
-47.5°	511.4	464.8	420.6	378.4	339.7	302.6	271.1	240.6	210.7	182.7	146.6
-50°	467.0	425.8	387.0	350.1	314.6	284.2	254.7	226.7	199.5	172.7	140.5
-52.5°	424.8	389.1	355.1	322.1	292.4	265.1	238.9	212.6	188.1	162.7	133.9
-55°	384.8	354.4	324.2	296.1	270.1	246.9	222.7	199.7	176.3	152.2	126.8
-57.5°	347.6	320.7	295.0	270.5	248.5	228.1	207.6	186.5	164.0	141.4	120.3
-60°	310.8	288.3	265.9	246.2	227.3	209.6	193.1	172.7	151.1	130.2	112.1
-62.5°	275.2	256.1	239.6	222.5	205.8	191.2	178.0	157.7	137.8	119.3	103.0
-65°	240.6	226.4	213.2	197.4	183.6	171.8	160.0	142.2	124.1	107.7	93.4
-67.5°	206.2	194.7	183.0	170.9	161.4	151.7	141.3	125.6	109.7	95.7	83.3
-70°	170.9	161.6	154.4	147.7	140.0	131.5	121.2	108.1	94.8	83.5	73.0
-72.5°	137.1	132.8	129.4	125.1	118.1	110.0	100.7	90.3	80.4	71.1	62.4
-75°	104.9	105.2	104.9	102.2	95.9	88.7	81.4	73.6	65.8	58.5	51.3
-77.5°	80.0	80.9	81.1	79.6	74.5	68.9	62.9	56.6	51.3	45.9	39.9
-80°	56.8	58.1	58.5	57.5	53.5	49.1	45.3	41.4	37.6	33.3	28.4
-82.5°	35.3	36.5	37.1	36.8	34.6	32.1	29.6	26.8	23.9	20.6	18.7
-85°	17.8	18.2	18.1	17.6	16.4	15.1	15.1	14.9	14.3	13.5	12.5
-87.5°	6.0	6.5	6.9	7.2	7.4	7.6	7.6	7.4	7.1	6.7	6.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.6	4.4	3.3	2.3	1.4	0.6	0.0
85°	11.3	8.8	6.5	4.5	2.8	1.2	0.0
82.5°	16.8	13.1	9.8	6.8	4.2	1.8	0.0
80°	22.9	17.4	13.0	9.0	5.5	2.4	0.0
77.5°	32.6	22.7	16.2	11.2	6.9	3.0	0.0
75°	42.2	29.7	19.6	13.4	8.2	3.6	0.0
72.5°	51.4	36.4	24.3	15.5	9.5	4.1	0.0
70°	60.1	42.9	28.8	17.7	10.8	4.7	0.0
67.5°	67.7	49.2	33.1	20.5	12.0	5.3	0.0
65°	74.9	54.9	37.2	23.1	13.2	5.8	0.0
62.5°	81.7	60.1	41.1	25.6	14.3	6.3	0.0
60°	88.1	65.0	44.7	28.0	15.4	6.8	0.0
57.5°	93.9	69.5	48.0	30.2	16.8	7.3	0.0
55°	99.2	73.7	51.2	32.2	18.0	7.8	0.0
52.5°	104.1	77.6	54.0	34.0	19.3	8.2	0.0
50°	108.5	81.1	56.6	35.7	20.5	8.6	0.0
47.5°	112.6	84.3	59.0	37.2	21.6	9.0	0.0
45°	117.2	87.1	61.0	38.8	22.6	9.4	0.0
42.5°	121.3	89.6	62.8	40.1	23.6	9.7	0.0
40°	124.9	91.7	64.4	41.6	24.6	10.1	0.0
37.5°	128.0	93.4	65.8	43.1	25.5	10.4	0.0
35°	130.5	95.3	67.0	44.4	26.3	10.7	0.0
32.5°	132.9	97.1	67.9	45.7	27.0	10.9	0.0
30°	135.5	98.5	68.5	46.8	27.7	11.1	0.0
27.5°	137.6	99.5	69.9	47.8	28.3	11.3	0.0
25°	139.3	100.1	71.4	48.7	28.8	11.5	0.0
22.5°	140.4	100.9	72.6	49.4	29.3	11.6	0.0
20°	141.1	102.7	73.7	50.0	29.7	11.8	0.0
17.5°	142.7	104.2	74.6	50.5	30.0	11.9	0.0
15°	144.6	105.4	75.3	50.9	30.3	11.9	0.0
12.5°	146.0	106.2	75.8	51.1	30.4	12.0	0.0
10°	146.8	106.8	76.1	51.2	30.5	12.0	0.0
7.5°	147.2	107.0	76.3	51.2	30.5	12.0	0.0
5°	147.0	106.9	76.3	51.0	30.5	11.9	0.0
2.5°	146.4	106.5	76.0	50.8	30.4	11.9	0.0
0°	145.3	105.8	75.6	50.4	30.2	11.8	0.0
-2.5°	146.4	106.5	76.0	50.8	30.4	11.9	0.0
-5°	147.0	106.9	76.3	51.0	30.5	11.9	0.0
-7.5°	147.2	107.0	76.3	51.2	30.5	12.0	0.0
-10°	146.8	106.8	76.1	51.2	30.5	12.0	0.0
-12.5°	146.0	106.2	75.8	51.1	30.4	12.0	0.0
-15°	144.6	105.4	75.3	50.9	30.3	11.9	0.0
-17.5°	142.7	104.2	74.6	50.5	30.0	11.9	0.0
-20°	141.1	102.7	73.7	50.0	29.7	11.8	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	140.4	100.9	72.6	49.4	29.3	11.6	0.0
-25°	139.3	100.1	71.4	48.7	28.8	11.5	0.0
-27.5°	137.6	99.5	69.9	47.8	28.3	11.3	0.0
-30°	135.5	98.5	68.5	46.8	27.7	11.1	0.0
-32.5°	132.9	97.1	67.9	45.7	27.0	10.9	0.0
-35°	130.5	95.3	67.0	44.4	26.3	10.7	0.0
-37.5°	128.0	93.4	65.8	43.1	25.5	10.4	0.0
-40°	124.9	91.7	64.4	41.6	24.6	10.1	0.0
-42.5°	121.3	89.6	62.8	40.1	23.6	9.7	0.0
-45°	117.2	87.1	61.0	38.8	22.6	9.4	0.0
-47.5°	112.6	84.3	59.0	37.2	21.6	9.0	0.0
-50°	108.5	81.1	56.6	35.7	20.5	8.6	0.0
-52.5°	104.1	77.6	54.0	34.0	19.3	8.2	0.0
-55°	99.2	73.7	51.2	32.2	18.0	7.8	0.0
-57.5°	93.9	69.5	48.0	30.2	16.8	7.3	0.0
-60°	88.1	65.0	44.7	28.0	15.4	6.8	0.0
-62.5°	81.7	60.1	41.1	25.6	14.3	6.3	0.0
-65°	74.9	54.9	37.2	23.1	13.2	5.8	0.0
-67.5°	67.7	49.2	33.1	20.5	12.0	5.3	0.0
-70°	60.1	42.9	28.8	17.7	10.8	4.7	0.0
-72.5°	51.4	36.4	24.3	15.5	9.5	4.1	0.0
-75°	42.2	29.7	19.6	13.4	8.2	3.6	0.0
-77.5°	32.6	22.7	16.2	11.2	6.9	3.0	0.0
-80°	22.9	17.4	13.0	9.0	5.5	2.4	0.0
-82.5°	16.8	13.1	9.8	6.8	4.2	1.8	0.0
-85°	11.3	8.8	6.5	4.5	2.8	1.2	0.0
-87.5°	5.6	4.4	3.3	2.3	1.4	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)