

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: P628008 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-740-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P628008 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA6E-740-U-NR-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (96) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

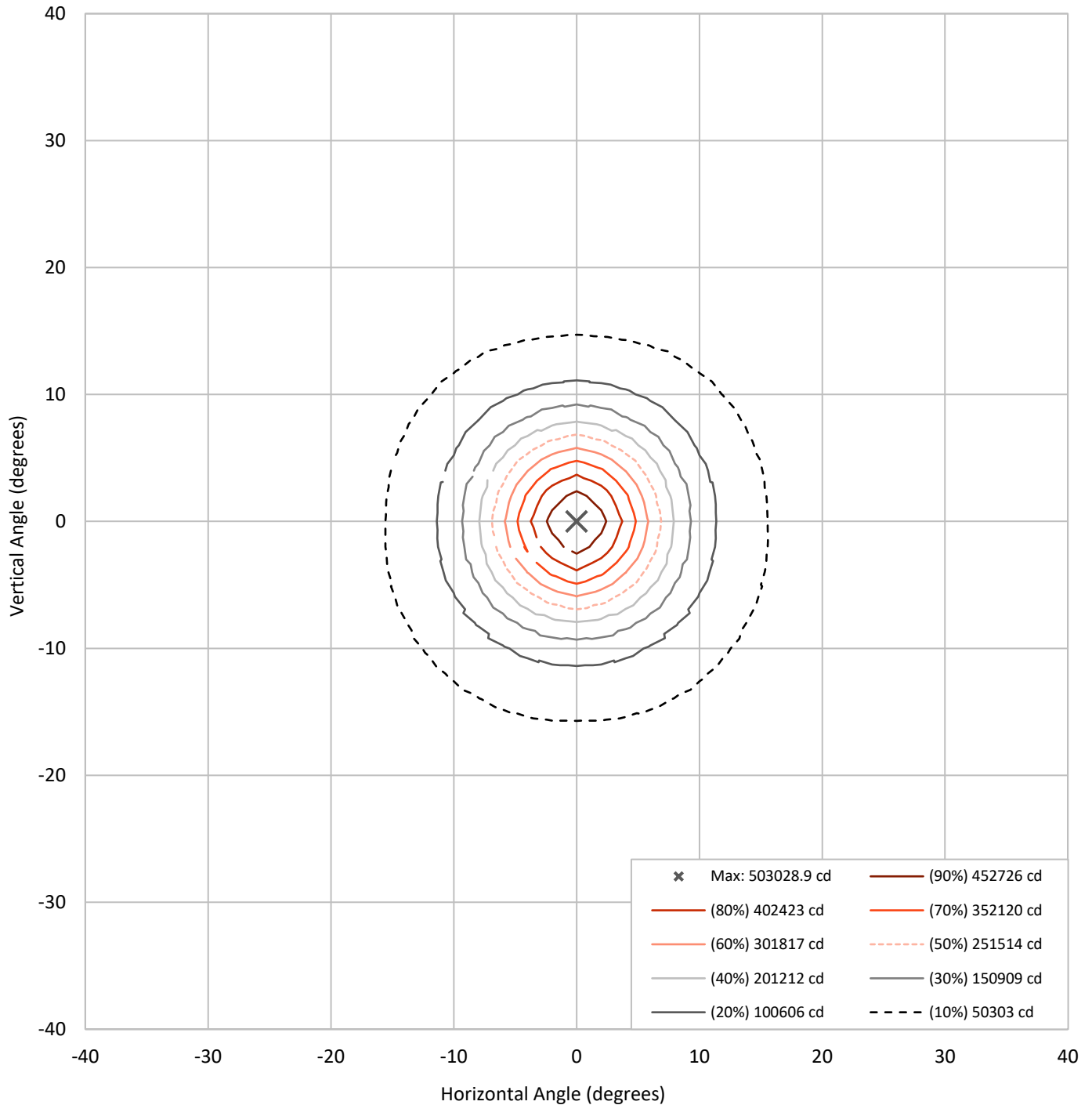
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	49624.7 lumens	Max Intensity:	503028.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	131.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	15842.5 lumens	Field Lumens:	35286.4 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	376.7		
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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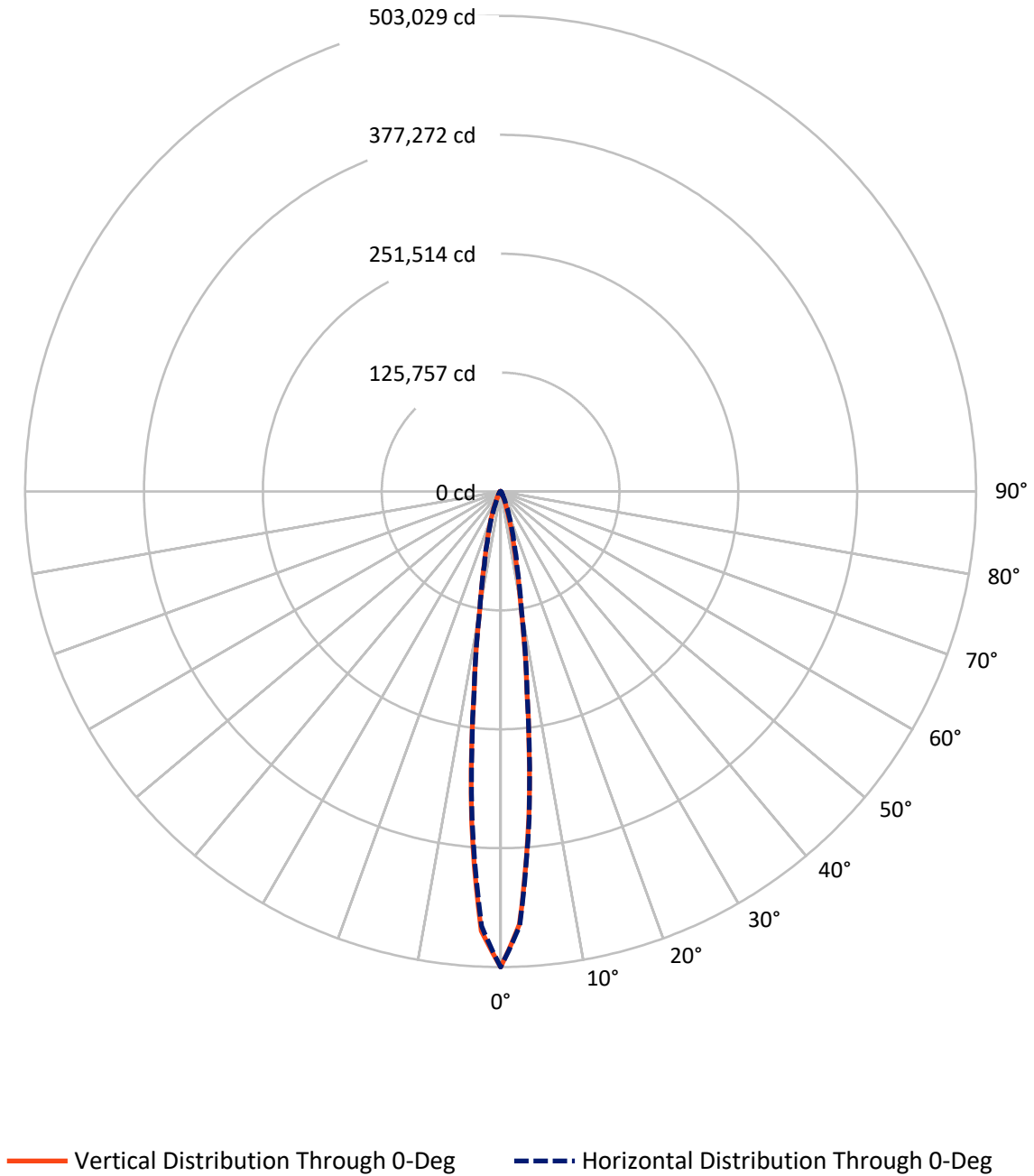
CATALOG NUMBER: GFLD-SA6E-740-U-NR-VSR-XX

### Lumen Table

90																			
80	0.0	0.0		0.0		0.0		0.0		0.0		0.0		0.0					
70																			
60	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1				
50		0.1	0.3	1.2	2.7	4.4	5.9	7.0	7.0	5.9	4.4	2.7	1.2	0.3	0.1				
40	0.2	0.3	1.5	4.3	8.1	11.9	16.7	19.7	19.7	16.7	11.9	8.1	4.3	1.5	0.3				
30		0.7	3.5	8.4	15.0	23.7	40.4	51.4	51.4	40.4	23.7	15.0	8.4	3.5	0.7				
20	0.4	1.4	5.5	12.8	23.2	50.5	134.8	223.2	223.2	134.8	50.5	23.2	12.8	5.5	1.4				
10		2.1	7.6	17.7	38.4	150.9	636.1	1398.3	1398.3	636.1	150.9	38.4	17.7	7.6	2.1				
0	0.7	2.7	9.2	20.8	52.1	283.3	1524.3	6836.1	6836.1	1524.3	283.3	52.1	20.8	9.2	2.7				
-10		3.1	10.1	21.9	56.0	301.8	1577.8	6952.2	6952.2	1577.8	301.8	56.0	21.9	10.1	3.1				
-20	0.9	3.2	10.2	21.5	49.1	192.0	765.9	1638.2	1638.2	765.9	192.0	49.1	21.5	10.2	3.2				
-30		3.1	9.8	19.8	37.9	89.8	236.0	393.3	393.3	236.0	89.8	37.9	19.8	9.8	3.1				
-40	0.9	2.7	8.8	17.4	29.7	49.3	80.2	101.9	101.9	80.2	49.3	29.7	17.4	8.8	2.7				
-50		2.2	7.2	14.5	24.0	34.4	46.3	51.6	51.6	46.3	34.4	24.0	14.5	7.2	2.2				
-60	0.6	1.7	5.4	11.4	18.9	26.5	33.4	36.5	36.5	33.4	26.5	18.9	11.4	5.4	1.7				
-70		1.1	3.4	7.4	12.7	18.4	23.3	25.6	25.6	23.3	18.4	12.7	7.4	3.4	1.1				
-80	0.2	3.0		12.5		27.4		34.7		27.4		12.5		3.0					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

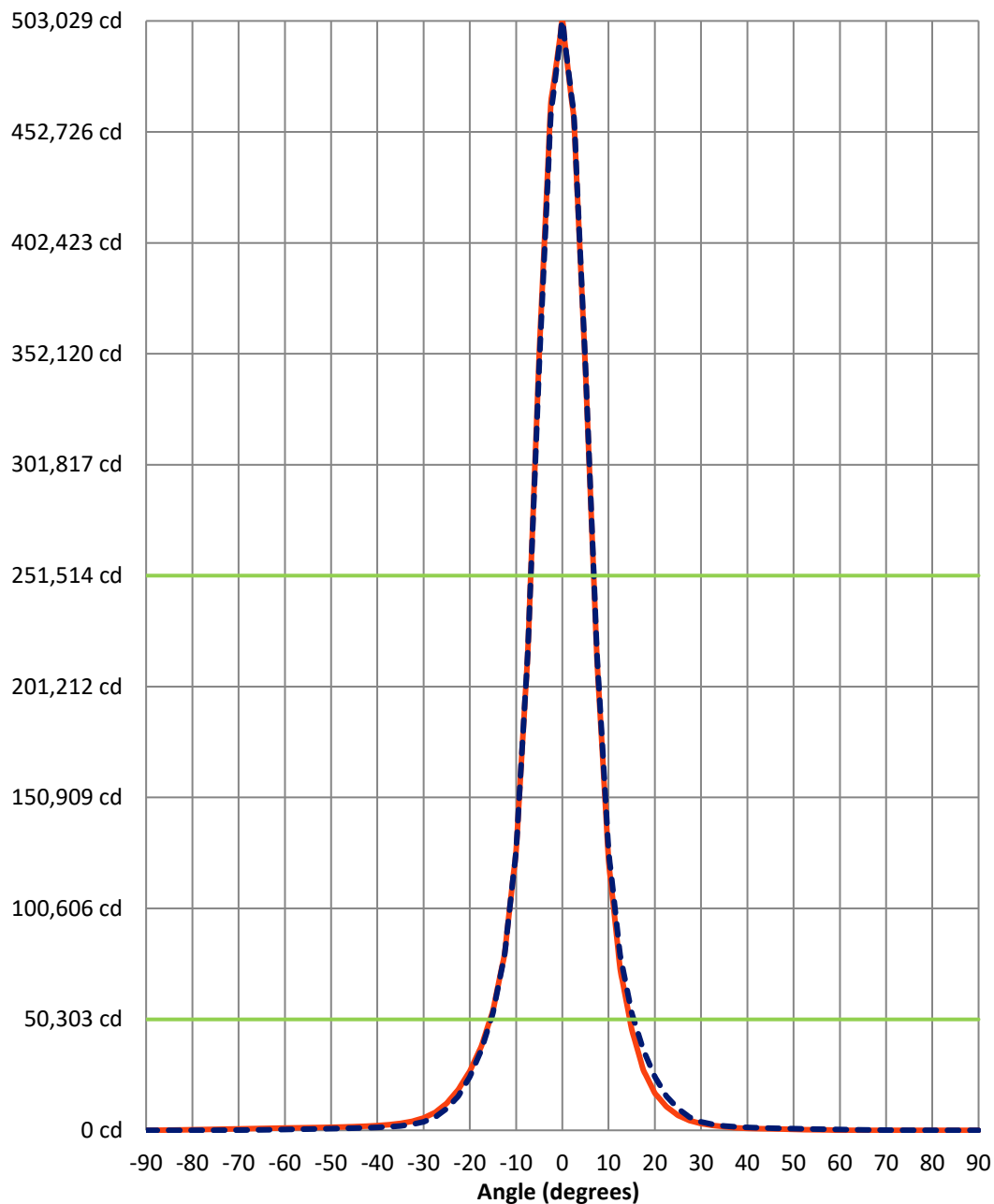
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 15842.5  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 35286.4  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 14338.4  
 Efficiency: 28.9%

- 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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	1.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.1
75°	0.0	1.4	0.2	0.0	0.2	0.9	0.3	0.0	0.2	0.9	0.4
72.5°	0.0	1.7	0.3	0.0	1.1	1.6	0.6	0.7	2.2	2.3	1.0
70°	0.0	1.9	0.4	0.2	2.1	2.4	1.2	3.3	4.5	4.0	1.4
67.5°	0.0	2.2	0.6	1.2	3.2	3.3	3.7	6.0	6.8	4.3	1.8
65°	0.0	2.4	0.8	2.3	4.3	4.5	6.1	8.8	7.1	4.7	3.2
62.5°	0.0	2.7	1.1	3.4	5.4	6.0	8.3	9.9	7.5	5.5	6.7
60°	0.0	3.0	1.4	4.5	6.6	7.4	10.4	10.3	8.0	7.7	9.7
57.5°	0.0	3.3	2.3	5.6	7.5	8.7	10.6	10.6	8.9	9.5	10.6
55°	0.0	3.6	3.2	6.7	8.2	9.8	10.6	10.6	9.8	10.6	10.6
52.5°	0.0	3.9	4.0	7.9	8.8	10.6	10.6	10.6	10.4	10.6	10.6
50°	0.0	4.2	4.8	9.1	9.4	10.6	10.6	10.6	10.6	10.6	12.3
47.5°	0.0	4.5	5.5	10.0	9.8	10.6	10.6	10.6	10.6	10.6	14.7
45°	0.0	4.8	6.2	10.3	10.2	10.6	10.6	10.6	11.0	13.2	17.5
42.5°	0.0	5.2	6.8	10.5	10.5	10.6	10.6	11.0	11.7	16.2	23.5
40°	0.0	5.5	7.4	10.6	10.6	10.6	10.6	11.8	13.5	19.5	30.3
37.5°	0.0	5.8	7.9	10.6	10.6	10.6	10.6	12.9	17.3	24.6	37.4
35°	0.0	6.2	8.4	10.6	10.6	10.6	10.6	14.2	21.2	31.3	45.9
32.5°	0.0	6.5	8.8	10.6	10.6	10.6	10.9	15.7	25.3	37.9	56.9
30°	0.0	6.9	9.2	10.6	10.6	10.6	12.0	17.7	29.6	44.1	68.9
27.5°	0.0	7.2	9.5	10.6	10.6	10.6	13.2	21.1	34.3	50.1	81.7
25°	0.0	7.6	9.8	10.6	10.6	10.6	14.5	24.6	39.4	59.1	95.5
22.5°	0.0	7.9	10.0	10.6	10.6	10.8	15.8	28.0	44.2	69.8	111.8
20°	0.0	8.3	10.2	10.6	10.6	11.6	17.2	31.4	48.8	80.7	126.8
17.5°	0.0	8.6	10.3	10.6	10.6	12.5	19.1	34.8	53.0	91.6	140.5
15°	0.0	8.9	10.4	10.6	10.6	13.6	21.3	38.1	57.0	102.4	153.0
12.5°	0.0	9.2	10.5	10.6	10.6	14.8	23.3	41.3	62.4	112.9	164.1
10°	0.0	9.5	10.5	10.6	10.6	16.1	25.3	44.2	69.3	122.6	174.0
7.5°	0.0	9.8	10.6	10.6	10.6	17.4	27.1	46.9	76.2	131.1	182.6
5°	0.0	10.1	10.6	10.6	10.6	18.8	28.8	49.3	83.1	138.2	190.2
2.5°	0.0	10.4	10.6	10.6	10.6	20.1	30.4	51.4	89.7	144.2	196.8
0°	0.0	10.6	10.6	10.6	10.6	21.3	31.9	53.2	95.8	149.1	202.3
-2.5°	0.0	10.6	10.6	10.6	11.5	22.4	34.7	56.4	101.3	153.0	209.2
-5°	0.0	10.6	10.6	10.6	12.5	23.4	37.3	59.3	106.0	156.1	214.8
-7.5°	0.0	10.5	10.6	10.6	13.3	24.4	39.7	61.9	109.8	158.5	219.0
-10°	0.0	10.4	10.6	10.6	14.1	25.2	41.7	64.2	112.6	160.2	221.6
-12.5°	0.0	10.3	10.6	10.6	14.8	25.8	43.5	66.2	114.3	161.8	225.8
-15°	0.0	10.2	10.6	10.6	15.4	26.4	44.8	67.8	114.7	165.0	229.6
-17.5°	0.0	10.1	10.6	10.6	15.9	26.9	45.7	69.5	113.9	166.7	231.4
-20°	0.0	10.0	10.6	10.6	16.2	27.2	46.3	70.9	112.3	166.6	231.0

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CATALOG NUMBER: GFLD-SA6E-740-U-NR-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	9.8	10.6	10.6	16.3	27.5	46.9	71.7	109.7	164.7	228.4
-25°	0.0	9.6	10.6	10.6	16.3	28.2	47.2	72.1	106.3	160.9	223.4
-27.5°	0.0	9.4	10.6	10.6	16.0	28.9	47.2	71.8	102.1	155.5	218.6
-30°	0.0	9.2	10.6	10.6	15.6	29.4	47.0	71.0	99.9	149.7	211.3
-32.5°	0.0	8.9	10.6	10.6	15.6	29.6	46.4	70.2	98.7	143.0	201.2
-35°	0.0	8.7	10.6	10.6	15.4	29.6	46.3	69.3	96.6	135.4	188.4
-37.5°	0.0	8.4	10.6	10.6	15.0	29.3	46.1	68.0	93.8	127.0	181.2
-40°	0.0	8.1	10.6	10.6	14.4	28.7	45.5	66.4	90.3	121.5	174.5
-42.5°	0.0	7.8	10.6	10.7	14.3	27.8	44.6	64.5	87.4	119.0	166.3
-45°	0.0	7.5	10.6	11.0	14.7	26.7	43.2	62.5	84.8	115.4	157.2
-47.5°	0.0	7.2	10.6	11.2	14.9	25.3	41.5	60.4	81.9	110.4	151.1
-50°	0.0	6.8	10.6	11.4	15.1	23.6	39.4	57.7	78.8	106.2	143.3
-52.5°	0.0	6.5	10.6	11.4	15.1	21.7	36.9	54.6	74.9	100.3	133.9
-55°	0.0	6.1	10.6	11.5	15.0	21.0	34.0	51.0	70.4	92.8	124.2
-57.5°	0.0	5.7	10.6	11.5	14.8	20.6	30.8	46.9	65.3	86.1	112.6
-60°	0.0	5.3	10.6	11.4	14.5	19.9	27.6	42.4	59.7	79.2	100.8
-62.5°	0.0	4.9	9.8	11.3	14.1	19.1	26.2	37.5	53.5	71.7	91.8
-65°	0.0	4.5	9.0	11.1	13.6	18.1	24.5	33.0	46.9	63.5	81.9
-67.5°	0.0	4.1	8.1	10.9	13.0	16.9	22.7	30.3	39.7	54.7	71.4
-70°	0.0	3.6	7.2	10.7	12.3	15.7	20.7	27.3	35.6	45.5	60.3
-72.5°	0.0	3.2	6.4	9.5	11.6	14.3	18.4	24.1	31.1	39.6	49.4
-75°	0.0	2.7	5.5	8.2	10.8	12.8	16.1	21.1	26.4	33.4	41.6
-77.5°	0.0	2.3	4.6	6.9	9.1	11.2	13.5	18.1	22.9	27.7	33.4
-80°	0.0	1.8	3.7	5.5	7.3	9.1	10.9	15.1	19.5	23.9	28.2
-82.5°	0.0	1.4	2.8	4.1	5.5	6.9	8.2	11.8	16.0	20.0	23.9
-85°	0.0	0.9	1.8	2.8	3.7	4.6	5.5	7.9	10.8	14.2	17.9
-87.5°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	4.0	5.4	7.1	9.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-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°	0.0	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	1.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.7	3.0	3.6	2.2	0.0	0.0	0.0	0.7	0.0	0.0	0.0
65°	5.2	6.9	5.3	2.8	0.2	2.5	3.6	2.8	0.3	0.0	0.0
62.5°	9.8	8.4	5.9	4.4	6.0	8.0	6.2	3.6	1.0	5.1	7.4
60°	10.6	8.9	7.4	8.4	10.7	9.5	7.0	10.4	15.6	19.6	23.8
57.5°	10.6	9.8	9.6	11.5	12.0	12.0	18.7	25.0	35.3	43.9	49.8
55°	10.9	10.5	12.0	14.4	17.9	25.4	34.7	49.0	60.4	78.0	93.0
52.5°	12.1	12.0	16.2	21.8	32.2	43.9	60.5	80.6	103.4	120.5	138.6
50°	13.8	17.8	22.7	36.5	50.7	69.2	96.3	125.7	145.0	164.3	190.2
47.5°	18.9	24.1	37.4	53.4	74.0	103.5	140.9	162.0	181.0	211.2	243.5
45°	25.6	36.2	52.6	74.7	103.2	144.4	173.9	191.1	223.9	259.0	295.8
42.5°	32.6	50.0	72.3	95.6	140.5	179.6	206.3	233.7	266.8	307.7	347.7
40°	44.3	63.5	94.0	130.5	176.1	214.3	247.7	279.2	311.8	365.3	407.8
37.5°	56.1	84.2	118.5	164.0	211.3	253.1	290.3	329.9	376.5	436.8	475.0
35°	67.5	105.6	147.6	196.0	246.2	293.4	338.2	384.5	444.8	501.9	547.6
32.5°	83.7	127.5	174.8	227.0	278.8	332.2	386.7	441.9	501.4	559.8	619.6
30°	103.9	150.9	200.7	256.7	308.7	370.6	433.6	492.2	552.0	613.5	681.1
27.5°	124.2	172.7	226.6	283.1	337.7	408.3	476.3	537.4	598.7	664.9	742.1
25°	143.1	194.7	251.0	306.7	370.9	446.5	521.0	591.7	643.6	719.0	809.1
22.5°	161.1	216.2	276.6	327.9	402.8	485.1	571.7	647.8	709.3	776.6	878.9
20°	179.1	238.3	300.6	358.1	434.9	523.4	626.1	704.6	780.9	867.6	972.1
17.5°	196.1	258.9	324.4	392.6	473.7	565.3	681.9	761.8	853.0	956.9	1088.4
15°	212.3	278.0	348.3	424.8	508.6	607.3	719.8	819.5	928.5	1048.4	1203.9
12.5°	227.3	295.5	371.7	454.6	539.4	643.4	751.5	857.6	983.0	1139.9	1335.5
10°	241.2	311.3	394.5	482.0	566.2	673.9	779.5	889.9	1022.2	1194.5	1418.5
7.5°	252.6	327.2	416.1	506.7	589.3	699.0	803.7	916.5	1055.0	1239.7	1474.3
5°	262.4	343.9	436.1	522.7	608.5	720.7	823.9	937.5	1081.2	1275.1	1514.2
2.5°	270.4	359.3	453.6	534.3	625.0	740.4	840.0	960.9	1107.7	1302.5	1551.6
0°	276.8	372.7	468.5	543.0	638.8	756.0	851.8	979.6	1128.6	1320.3	1586.5
-2.5°	289.8	383.8	477.4	553.1	653.5	758.5	859.5	982.2	1136.5	1334.1	1593.0
-5°	300.6	392.7	483.8	560.8	664.5	758.3	862.8	980.0	1139.3	1342.0	1604.6
-7.5°	308.9	399.6	488.1	566.8	670.4	761.7	867.6	987.6	1147.6	1349.3	1619.7
-10°	314.4	404.5	491.7	574.4	671.8	765.3	869.4	989.3	1146.2	1344.6	1611.4
-12.5°	317.2	407.5	493.4	578.5	671.5	765.0	866.9	984.6	1134.5	1327.8	1578.5
-15°	318.1	408.6	493.2	579.0	669.9	760.5	860.1	973.5	1113.3	1299.3	1526.8
-17.5°	317.1	407.9	491.1	575.5	667.5	751.7	849.4	958.4	1091.9	1265.8	1484.9
-20°	314.3	405.7	487.4	567.8	663.9	743.6	838.9	944.1	1069.7	1227.3	1423.2

Classified

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

Scaled Data Report



REPORT NUMBER: P628008 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	309.9	401.9	482.1	560.1	652.1	736.0	825.1	925.3	1037.9	1180.4	1354.4
-25°	304.8	394.4	475.4	554.1	638.7	724.5	807.7	903.0	1006.4	1143.3	1299.9
-27.5°	297.9	385.2	466.1	545.7	624.5	708.9	790.2	880.2	982.6	1103.3	1243.4
-30°	288.1	372.2	453.2	534.4	612.0	691.4	769.9	855.7	952.1	1066.0	1195.2
-32.5°	275.7	357.8	437.0	517.3	598.0	673.8	747.6	830.1	920.6	1020.5	1143.4
-35°	263.1	342.2	419.4	495.9	581.1	654.1	725.2	800.8	885.1	978.0	1078.1
-37.5°	251.3	325.4	400.8	472.9	553.6	629.7	698.9	770.8	848.6	933.8	1024.8
-40°	238.5	307.6	381.1	451.4	522.2	599.8	668.9	738.3	810.3	895.6	976.5
-42.5°	225.4	292.4	360.5	429.4	496.9	566.3	635.3	701.9	777.8	858.7	938.0
-45°	214.3	276.6	339.8	406.8	473.3	536.0	600.8	662.9	740.1	820.9	898.6
-47.5°	201.4	260.5	321.7	382.4	447.7	510.4	568.5	631.4	697.0	773.3	854.8
-50°	188.0	243.9	300.5	357.7	419.5	482.2	541.2	599.3	661.2	723.9	794.2
-52.5°	176.6	225.5	277.8	330.4	388.9	450.2	509.8	568.0	625.0	683.9	743.8
-55°	163.2	207.9	254.2	303.3	354.6	413.3	472.5	529.2	587.3	642.4	701.1
-57.5°	148.2	188.4	230.5	276.5	323.2	371.4	428.8	485.2	539.9	595.5	656.1
-60°	131.3	167.2	205.4	247.8	293.4	337.5	383.9	436.2	489.0	541.8	597.8
-62.5°	113.8	145.0	179.4	216.5	258.2	301.6	344.0	388.6	436.1	482.0	530.5
-65°	102.1	124.1	153.1	186.0	220.3	259.0	299.2	340.3	382.1	421.1	458.5
-67.5°	89.7	109.5	130.9	155.2	186.3	219.0	251.1	287.9	325.4	361.2	396.1
-70°	76.5	94.1	113.1	133.3	155.4	182.1	212.2	241.6	270.4	300.5	332.9
-72.5°	62.6	77.9	94.4	111.9	130.8	151.9	175.1	200.2	225.8	250.7	276.0
-75°	51.4	61.5	75.0	89.8	106.1	122.8	139.5	159.4	181.1	202.9	224.1
-77.5°	42.3	51.6	60.9	70.0	81.6	96.8	111.8	126.5	141.6	158.1	175.6
-80°	34.4	41.6	50.0	58.4	66.4	75.6	86.0	97.6	108.3	119.2	131.2
-82.5°	28.7	34.2	40.2	46.8	51.4	56.3	61.8	68.6	75.7	83.0	90.6
-85°	22.0	26.5	30.5	34.9	37.1	39.5	42.1	45.1	49.6	54.1	58.5
-87.5°	11.0	13.3	15.7	18.3	19.4	20.5	21.5	22.6	25.5	28.5	31.6
-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: P628008 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-740-U-NR-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°	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°	0.6	0.1	0.0	0.0	0.1	2.0	2.6	2.3	1.0	0.0	0.0
62.5°	6.2	5.2	8.2	11.0	12.1	11.7	10.8	9.6	8.2	7.6	8.7
60°	25.5	25.0	34.9	39.7	36.1	25.4	40.1	47.3	45.5	39.0	38.7
57.5°	62.5	75.9	85.7	89.9	104.1	126.9	131.2	123.6	121.0	123.4	142.6
55°	108.4	119.2	124.8	144.1	161.2	173.6	180.9	188.4	199.3	212.6	226.4
52.5°	153.2	168.1	179.5	196.8	217.3	224.4	222.5	248.8	269.4	282.6	287.9
50°	210.3	228.9	255.4	282.5	294.2	305.8	317.9	339.5	371.0	410.2	432.7
47.5°	271.9	301.2	329.0	360.0	375.6	387.8	405.9	443.6	488.4	530.7	552.7
45°	327.4	353.5	385.3	412.0	431.3	454.9	481.1	515.1	565.3	609.5	639.9
42.5°	372.0	401.4	434.1	466.4	486.0	517.8	557.6	603.9	656.5	702.4	736.3
40°	434.5	459.4	511.5	542.2	549.9	579.5	659.2	722.5	781.9	838.4	866.5
37.5°	510.0	558.5	612.6	640.5	667.9	720.2	826.8	929.0	1004.8	1081.3	1123.1
35°	595.7	659.5	733.1	766.1	825.0	939.0	1064.2	1206.4	1383.4	1457.6	1525.1
32.5°	679.0	750.3	818.3	892.3	995.2	1131.4	1272.5	1503.1	1718.6	1885.3	2007.1
30°	752.9	828.6	913.0	1008.2	1153.1	1340.8	1576.5	1874.9	2178.5	2443.4	2667.5
27.5°	825.9	912.1	1012.5	1154.3	1358.3	1613.4	1989.5	2415.2	2921.9	3295.3	3741.0
25°	906.0	1004.6	1133.3	1339.0	1614.3	1995.6	2596.9	3288.1	4119.0	4792.8	5497.8
22.5°	1000.8	1146.2	1309.4	1538.9	2019.7	2647.9	3469.4	4650.8	5929.0	7110.8	8248.8
20°	1115.3	1314.1	1576.2	1998.5	2615.8	3544.5	4971.9	6857.4	8737.1	10738.9	12666.1
17.5°	1278.7	1565.2	1972.3	2573.4	3387.1	5224.2	7540.1	10456.4	14203.0	17598.2	20562.7
15°	1432.0	1774.3	2417.2	3315.7	4734.9	7169.7	10687.3	15500.6	21339.7	26661.2	32281.7
12.5°	1592.8	1997.0	2735.4	3879.5	5851.4	9021.1	13964.6	20559.8	27871.3	35891.4	45026.7
10°	1720.2	2211.1	3095.1	4545.7	6976.4	10923.6	16812.0	24810.5	34526.4	46395.6	60999.1
7.5°	1806.3	2382.6	3392.1	5033.4	8012.1	12869.3	19957.7	29571.7	41718.2	57442.5	77876.6
5°	1873.5	2513.5	3615.5	5478.1	8888.2	14354.5	22288.4	33741.0	48109.8	69177.5	103807.5
2.5°	1927.5	2613.8	3753.7	5784.3	9438.2	15388.8	23852.1	36099.8	51914.4	77853.6	122781.3
0°	1969.8	2704.5	3843.7	5973.2	9859.6	15492.1	24340.1	36531.5	53279.9	79419.5	126864.6
-2.5°	1987.8	2753.0	3874.7	6014.6	9817.4	15669.7	24489.1	36876.2	53228.6	78561.5	122304.1
-5°	2017.7	2752.2	3851.4	5972.4	9597.3	15210.6	23516.5	34946.8	50017.4	71804.7	107642.3
-7.5°	2039.2	2708.3	3739.8	5701.8	9021.1	14218.2	21807.6	31749.9	44172.8	60715.4	82910.8
-10°	2019.5	2624.1	3554.0	5247.8	8125.4	12626.2	19208.9	27529.7	37854.4	50113.8	65193.8
-12.5°	1943.5	2468.5	3250.6	4611.9	6965.3	10843.0	16594.4	23679.0	31320.8	39930.6	50351.1
-15°	1847.4	2300.9	2977.3	4175.8	6105.2	9075.4	13274.4	19021.7	25151.9	31688.9	38659.8
-17.5°	1772.6	2153.7	2713.8	3581.4	5000.5	7362.2	10661.9	14744.8	19249.6	24226.6	28357.5
-20°	1671.3	1972.4	2442.6	3151.2	4233.9	5798.6	8201.8	11168.0	14140.7	17640.0	20493.6

Classified

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

Scaled Data Report



REPORT NUMBER: P628008 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1569.9	1832.2	2190.0	2708.5	3514.1	4696.2	6181.0	8161.6	10335.4	12344.0	14321.1
-25°	1475.7	1677.7	1967.2	2392.5	2939.0	3745.7	4802.6	5938.8	7371.6	8594.3	9951.1
-27.5°	1399.5	1573.0	1786.6	2098.4	2522.4	3041.4	3798.1	4559.4	5313.0	5930.0	6864.2
-30°	1325.8	1465.5	1644.2	1866.5	2184.4	2584.3	3075.5	3569.4	4004.3	4401.0	4887.4
-32.5°	1253.5	1367.2	1504.2	1688.8	1916.9	2217.5	2519.4	2873.3	3175.6	3454.6	3712.7
-35°	1181.1	1282.3	1386.6	1542.3	1724.2	1937.7	2157.2	2397.0	2606.3	2794.2	2960.3
-37.5°	1115.7	1204.6	1302.7	1418.6	1565.2	1725.9	1905.2	2079.4	2217.6	2339.5	2440.3
-40°	1060.5	1141.3	1225.3	1318.1	1429.7	1556.5	1708.7	1853.9	1950.7	2025.2	2086.3
-42.5°	1011.2	1082.4	1153.9	1232.7	1318.3	1428.1	1548.3	1668.1	1733.8	1791.4	1835.7
-45°	971.7	1026.2	1086.4	1153.7	1229.6	1321.5	1416.0	1498.9	1557.2	1606.8	1643.6
-47.5°	919.4	971.9	1024.1	1079.6	1150.3	1226.9	1305.0	1368.7	1419.7	1462.9	1491.1
-50°	861.7	917.1	964.8	1013.6	1078.7	1143.7	1206.6	1259.2	1307.8	1350.2	1372.4
-52.5°	802.1	861.5	911.6	959.3	1013.8	1070.5	1127.2	1172.3	1214.8	1254.8	1271.6
-55°	759.1	813.9	865.7	910.5	955.4	1000.8	1047.1	1093.8	1135.9	1173.8	1185.1
-57.5°	712.8	768.5	819.7	859.9	900.6	941.5	983.8	1026.0	1066.6	1102.9	1112.1
-60°	656.1	716.6	762.0	800.0	839.5	879.9	916.8	954.4	992.2	1024.0	1034.1
-62.5°	584.2	639.2	684.1	724.1	762.3	797.4	833.3	868.5	902.5	927.5	935.7
-65°	497.9	544.7	591.0	632.9	670.5	704.4	737.5	769.6	800.5	822.5	833.5
-67.5°	430.0	463.6	500.8	536.8	574.6	609.5	639.4	667.6	694.1	712.7	724.5
-70°	364.4	396.4	431.3	465.6	498.4	526.8	550.6	573.9	596.4	613.0	625.4
-72.5°	301.6	328.8	357.8	388.1	418.1	443.8	465.7	486.4	505.9	520.1	531.5
-75°	244.9	267.3	291.8	316.3	340.7	361.0	379.3	397.2	414.4	427.0	437.5
-77.5°	194.4	213.3	232.4	251.6	270.8	285.6	299.0	312.2	324.9	334.9	343.9
-80°	144.0	158.9	174.2	189.5	204.7	216.0	226.1	235.7	244.8	250.6	255.8
-82.5°	98.4	108.8	119.5	130.3	141.1	149.4	157.5	165.4	173.1	175.9	177.8
-85°	62.8	68.0	73.6	79.5	85.7	90.3	94.6	98.8	102.8	106.4	110.0
-87.5°	34.9	35.9	36.9	37.8	38.6	41.8	45.0	48.2	51.4	51.9	52.4
-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: P628008 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-U-NR-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	1.0	2.3
62.5°	9.5	10.1	10.5	10.6	10.5	10.1	9.5	8.7	7.6	8.2	9.6
60°	36.4	32.4	31.6	31.9	31.6	32.4	36.4	38.7	39.0	45.5	47.3
57.5°	162.0	180.1	185.2	181.0	185.2	180.1	162.0	142.6	123.4	121.0	123.6
55°	235.8	241.4	244.0	244.9	244.0	241.4	235.8	226.4	212.6	199.3	188.4
52.5°	289.1	287.2	286.8	287.5	286.8	287.2	289.1	287.9	282.6	269.4	248.8
50°	434.5	426.5	423.4	425.9	423.4	426.5	434.5	432.7	410.2	371.0	339.5
47.5°	555.3	557.8	561.5	564.3	561.5	557.8	555.3	552.7	530.7	488.4	443.6
45°	648.5	654.1	658.0	660.1	658.0	654.1	648.5	639.9	609.5	565.3	515.1
42.5°	743.7	744.3	743.3	745.3	743.3	744.3	743.7	736.3	702.4	656.5	603.9
40°	877.9	880.8	877.8	873.1	877.8	880.8	877.9	866.5	838.4	781.9	722.5
37.5°	1147.4	1151.3	1138.6	1128.6	1138.6	1151.3	1147.4	1123.1	1081.3	1004.8	929.0
35°	1586.8	1632.3	1654.0	1661.0	1654.0	1632.3	1586.8	1525.1	1457.6	1383.4	1206.4
32.5°	2091.4	2154.7	2186.5	2214.7	2186.5	2154.7	2091.4	2007.1	1885.3	1718.6	1503.1
30°	2814.5	2931.3	2982.7	3055.8	2982.7	2931.3	2814.5	2667.5	2443.4	2178.5	1874.9
27.5°	3994.1	4199.4	4313.2	4418.7	4313.2	4199.4	3994.1	3741.0	3295.3	2921.9	2415.2
25°	6010.1	6405.7	6661.6	6782.4	6661.6	6405.7	6010.1	5497.8	4792.8	4119.0	3288.1
22.5°	9349.8	10078.9	10641.3	10753.9	10641.3	10078.9	9349.8	8248.8	7110.8	5929.0	4650.8
20°	14535.7	15578.9	16427.6	16854.9	16427.6	15578.9	14535.7	12666.1	10738.9	8737.1	6857.4
17.5°	24093.5	26263.3	27254.5	27417.2	27254.5	26263.3	24093.5	20562.7	17598.2	14203.0	10456.4
15°	38312.5	41984.3	44315.2	45816.1	44315.2	41984.3	38312.5	32281.7	26661.2	21339.7	15500.6
12.5°	54536.1	64969.4	70906.0	73169.4	70906.0	64969.4	54536.1	45026.7	35891.4	27871.3	20559.8
10°	76555.1	101116.4	115284.5	122413.9	115284.5	101116.4	76555.1	60999.1	46395.6	34526.4	24810.5
7.5°	113926.6	151861.9	193892.7	213338.0	193892.7	151861.9	113926.6	77876.6	57442.5	41718.2	29571.7
5°	153212.9	236503.6	309608.5	344615.9	309608.5	236503.6	153212.9	103807.5	69177.5	48109.8	33741.0
2.5°	198366.4	310691.7	414545.6	458213.8	414545.6	310691.7	198366.4	122781.3	77853.6	51914.4	36099.8
0°	215744.3	346585.7	460167.5	503028.9	460167.5	346585.7	215744.3	126864.6	79419.5	53279.9	36531.5
-2.5°	201052.9	316133.4	416329.9	465304.9	416329.9	316133.4	201052.9	122304.1	78561.5	53228.6	36876.2
-5°	159746.9	237807.0	312012.1	351920.1	312012.1	237807.0	159746.9	107642.3	71804.7	50017.4	34946.8
-7.5°	117244.2	159739.4	200950.3	215361.0	200950.3	159739.4	117244.2	82910.8	60715.4	44172.8	31749.9
-10°	81627.8	105962.0	122025.1	126609.0	122025.1	105962.0	81627.8	65193.8	50113.8	37854.4	27529.7
-12.5°	60518.8	71162.6	78568.3	79856.0	78568.3	71162.6	60518.8	50351.1	39930.6	31320.8	23679.0
-15°	44812.7	50225.4	54045.0	54302.1	54045.0	50225.4	44812.7	38659.8	31688.9	25151.9	19021.7
-17.5°	32758.3	36391.5	38319.2	38181.8	38319.2	36391.5	32758.3	28357.5	24226.6	19249.6	14744.8
-20°	23424.0	25614.1	27167.2	26863.6	27167.2	25614.1	23424.0	20493.6	17640.0	14140.7	11168.0



REPORT NUMBER: P628008 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	16332.9	17786.7	18696.9	18462.7	18696.9	17786.7	16332.9	14321.1	12344.0	10335.4	8161.6
-25°	11097.9	11890.1	12340.8	12265.9	12340.8	11890.1	11097.9	9951.1	8594.3	7371.6	5938.8
-27.5°	7562.7	7981.0	8120.7	8113.4	8120.7	7981.0	7562.7	6864.2	5930.0	5313.0	4559.4
-30°	5249.1	5530.3	5691.1	5589.9	5691.1	5530.3	5249.1	4887.4	4401.0	4004.3	3569.4
-32.5°	3912.3	4070.8	4162.5	4067.3	4162.5	4070.8	3912.3	3712.7	3454.6	3175.6	2873.3
-35°	3083.2	3163.4	3195.8	3141.0	3195.8	3163.4	3083.2	2960.3	2794.2	2606.3	2397.0
-37.5°	2513.7	2560.7	2576.7	2544.7	2576.7	2560.7	2513.7	2440.3	2339.5	2217.6	2079.4
-40°	2129.9	2158.8	2165.9	2140.1	2165.9	2158.8	2129.9	2086.3	2025.2	1950.7	1853.9
-42.5°	1863.6	1880.8	1884.9	1874.0	1884.9	1880.8	1863.6	1835.7	1791.4	1733.8	1668.1
-45°	1665.6	1680.3	1683.0	1671.7	1683.0	1680.3	1665.6	1643.6	1606.8	1557.2	1498.9
-47.5°	1505.2	1514.3	1516.6	1511.9	1516.6	1514.3	1505.2	1491.1	1462.9	1419.7	1368.7
-50°	1382.4	1388.6	1389.2	1384.2	1389.2	1388.6	1382.4	1372.4	1350.2	1307.8	1259.2
-52.5°	1279.6	1283.9	1286.9	1288.3	1286.9	1283.9	1279.6	1271.6	1254.8	1214.8	1172.3
-55°	1193.0	1198.6	1202.1	1203.2	1202.1	1198.6	1193.0	1185.1	1173.8	1135.9	1093.8
-57.5°	1119.3	1124.5	1127.6	1128.6	1127.6	1124.5	1119.3	1112.1	1102.9	1066.6	1026.0
-60°	1042.5	1048.8	1052.8	1054.1	1052.8	1048.8	1042.5	1034.1	1024.0	992.2	954.4
-62.5°	941.1	943.9	946.5	947.6	946.5	943.9	941.1	935.7	927.5	902.5	868.5
-65°	841.8	847.4	850.8	851.8	850.8	847.4	841.8	833.5	822.5	800.5	769.6
-67.5°	734.0	741.4	749.3	756.0	749.3	741.4	734.0	724.5	712.7	694.1	667.6
-70°	636.3	645.8	648.8	649.5	648.8	645.8	636.3	625.4	613.0	596.4	573.9
-72.5°	541.7	550.5	558.0	564.3	558.0	550.5	541.7	531.5	520.1	505.9	486.4
-75°	446.9	455.2	457.2	457.8	457.2	455.2	446.9	437.5	427.0	414.4	397.2
-77.5°	352.3	359.9	361.6	362.0	361.6	359.9	352.3	343.9	334.9	324.9	312.2
-80°	260.6	264.8	271.1	276.8	271.1	264.8	260.6	255.8	250.6	244.8	235.7
-82.5°	179.3	180.3	180.8	181.0	180.8	180.3	179.3	177.8	175.9	173.1	165.4
-85°	113.4	116.6	117.0	117.1	117.0	116.6	113.4	110.0	106.4	102.8	98.8
-87.5°	52.7	53.0	53.1	53.2	53.1	53.0	52.7	52.4	51.9	51.4	48.2
-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: P628008 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-740-U-NR-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	0.0	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	0.7
65°	2.6	2.0	0.1	0.0	0.0	0.1	0.6	0.0	0.0	0.3	2.8
62.5°	10.8	11.7	12.1	11.0	8.2	5.2	6.2	7.4	5.1	1.0	3.6
60°	40.1	25.4	36.1	39.7	34.9	25.0	25.5	23.8	19.6	15.6	10.4
57.5°	131.2	126.9	104.1	89.9	85.7	75.9	62.5	49.8	43.9	35.3	25.0
55°	180.9	173.6	161.2	144.1	124.8	119.2	108.4	93.0	78.0	60.4	49.0
52.5°	222.5	224.4	217.3	196.8	179.5	168.1	153.2	138.6	120.5	103.4	80.6
50°	317.9	305.8	294.2	282.5	255.4	228.9	210.3	190.2	164.3	145.0	125.7
47.5°	405.9	387.8	375.6	360.0	329.0	301.2	271.9	243.5	211.2	181.0	162.0
45°	481.1	454.9	431.3	412.0	385.3	353.5	327.4	295.8	259.0	223.9	191.1
42.5°	557.6	517.8	486.0	466.4	434.1	401.4	372.0	347.7	307.7	266.8	233.7
40°	659.2	579.5	549.9	542.2	511.5	459.4	434.5	407.8	365.3	311.8	279.2
37.5°	826.8	720.2	667.9	640.5	612.6	558.5	510.0	475.0	436.8	376.5	329.9
35°	1064.2	939.0	825.0	766.1	733.1	659.5	595.7	547.6	501.9	444.8	384.5
32.5°	1272.5	1131.4	995.2	892.3	818.3	750.3	679.0	619.6	559.8	501.4	441.9
30°	1576.5	1340.8	1153.1	1008.2	913.0	828.6	752.9	681.1	613.5	552.0	492.2
27.5°	1989.5	1613.4	1358.3	1154.3	1012.5	912.1	825.9	742.1	664.9	598.7	537.4
25°	2596.9	1995.6	1614.3	1339.0	1133.3	1004.6	906.0	809.1	719.0	643.6	591.7
22.5°	3469.4	2647.9	2019.7	1538.9	1309.4	1146.2	1000.8	878.9	776.6	709.3	647.8
20°	4971.9	3544.5	2615.8	1998.5	1576.2	1314.1	1115.3	972.1	867.6	780.9	704.6
17.5°	7540.1	5224.2	3387.1	2573.4	1972.3	1565.2	1278.7	1088.4	956.9	853.0	761.8
15°	10687.3	7169.7	4734.9	3315.7	2417.2	1774.3	1432.0	1203.9	1048.4	928.5	819.5
12.5°	13964.6	9021.1	5851.4	3879.5	2735.4	1997.0	1592.8	1335.5	1139.9	983.0	857.6
10°	16812.0	10923.6	6976.4	4545.7	3095.1	2211.1	1720.2	1418.5	1194.5	1022.2	889.9
7.5°	19957.7	12869.3	8012.1	5033.4	3392.1	2382.6	1806.3	1474.3	1239.7	1055.0	916.5
5°	22288.4	14354.5	8888.2	5478.1	3615.5	2513.5	1873.5	1514.2	1275.1	1081.2	937.5
2.5°	23852.1	15388.8	9438.2	5784.3	3753.7	2613.8	1927.5	1551.6	1302.5	1107.7	960.9
0°	24340.1	15492.1	9859.6	5973.2	3843.7	2704.5	1969.8	1586.5	1320.3	1128.6	979.6
-2.5°	24489.1	15669.7	9817.4	6014.6	3874.7	2753.0	1987.8	1593.0	1334.1	1136.5	982.2
-5°	23516.5	15210.6	9597.3	5972.4	3851.4	2752.2	2017.7	1604.6	1342.0	1139.3	980.0
-7.5°	21807.6	14218.2	9021.1	5701.8	3739.8	2708.3	2039.2	1619.7	1349.3	1147.6	987.6
-10°	19208.9	12626.2	8125.4	5247.8	3554.0	2624.1	2019.5	1611.4	1344.6	1146.2	989.3
-12.5°	16594.4	10843.0	6965.3	4611.9	3250.6	2468.5	1943.5	1578.5	1327.8	1134.5	984.6
-15°	13274.4	9075.4	6105.2	4175.8	2977.3	2300.9	1847.4	1526.8	1299.3	1113.3	973.5
-17.5°	10661.9	7362.2	5000.5	3581.4	2713.8	2153.7	1772.6	1484.9	1265.8	1091.9	958.4
-20°	8201.8	5798.6	4233.9	3151.2	2442.6	1972.4	1671.3	1423.2	1227.3	1069.7	944.1



REPORT NUMBER: P628008 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6181.0	4696.2	3514.1	2708.5	2190.0	1832.2	1569.9	1354.4	1180.4	1037.9	925.3
-25°	4802.6	3745.7	2939.0	2392.5	1967.2	1677.7	1475.7	1299.9	1143.3	1006.4	903.0
-27.5°	3798.1	3041.4	2522.4	2098.4	1786.6	1573.0	1399.5	1243.4	1103.3	982.6	880.2
-30°	3075.5	2584.3	2184.4	1866.5	1644.2	1465.5	1325.8	1195.2	1066.0	952.1	855.7
-32.5°	2519.4	2217.5	1916.9	1688.8	1504.2	1367.2	1253.5	1143.4	1020.5	920.6	830.1
-35°	2157.2	1937.7	1724.2	1542.3	1386.6	1282.3	1181.1	1078.1	978.0	885.1	800.8
-37.5°	1905.2	1725.9	1565.2	1418.6	1302.7	1204.6	1115.7	1024.8	933.8	848.6	770.8
-40°	1708.7	1556.5	1429.7	1318.1	1225.3	1141.3	1060.5	976.5	895.6	810.3	738.3
-42.5°	1548.3	1428.1	1318.3	1232.7	1153.9	1082.4	1011.2	938.0	858.7	777.8	701.9
-45°	1416.0	1321.5	1229.6	1153.7	1086.4	1026.2	971.7	898.6	820.9	740.1	662.9
-47.5°	1305.0	1226.9	1150.3	1079.6	1024.1	971.9	919.4	854.8	773.3	697.0	631.4
-50°	1206.6	1143.7	1078.7	1013.6	964.8	917.1	861.7	794.2	723.9	661.2	599.3
-52.5°	1127.2	1070.5	1013.8	959.3	911.6	861.5	802.1	743.8	683.9	625.0	568.0
-55°	1047.1	1000.8	955.4	910.5	865.7	813.9	759.1	701.1	642.4	587.3	529.2
-57.5°	983.8	941.5	900.6	859.9	819.7	768.5	712.8	656.1	595.5	539.9	485.2
-60°	916.8	879.9	839.5	800.0	762.0	716.6	656.1	597.8	541.8	489.0	436.2
-62.5°	833.3	797.4	762.3	724.1	684.1	639.2	584.2	530.5	482.0	436.1	388.6
-65°	737.5	704.4	670.5	632.9	591.0	544.7	497.9	458.5	421.1	382.1	340.3
-67.5°	639.4	609.5	574.6	536.8	500.8	463.6	430.0	396.1	361.2	325.4	287.9
-70°	550.6	526.8	498.4	465.6	431.3	396.4	364.4	332.9	300.5	270.4	241.6
-72.5°	465.7	443.8	418.1	388.1	357.8	328.8	301.6	276.0	250.7	225.8	200.2
-75°	379.3	361.0	340.7	316.3	291.8	267.3	244.9	224.1	202.9	181.1	159.4
-77.5°	299.0	285.6	270.8	251.6	232.4	213.3	194.4	175.6	158.1	141.6	126.5
-80°	226.1	216.0	204.7	189.5	174.2	158.9	144.0	131.2	119.2	108.3	97.6
-82.5°	157.5	149.4	141.1	130.3	119.5	108.8	98.4	90.6	83.0	75.7	68.6
-85°	94.6	90.3	85.7	79.5	73.6	68.0	62.8	58.5	54.1	49.6	45.1
-87.5°	45.0	41.8	38.6	37.8	36.9	35.9	34.9	31.6	28.5	25.5	22.6
-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: P628008 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-740-U-NR-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°	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	0.1	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	0.2	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.3	2.2	0.7
70°	0.0	0.0	0.0	0.9	1.0	0.0	0.0	1.4	4.0	4.5	3.3
67.5°	0.0	0.0	0.0	2.2	3.6	3.0	0.7	1.8	4.3	6.8	6.0
65°	3.6	2.5	0.2	2.8	5.3	6.9	5.2	3.2	4.7	7.1	8.8
62.5°	6.2	8.0	6.0	4.4	5.9	8.4	9.8	6.7	5.5	7.5	9.9
60°	7.0	9.5	10.7	8.4	7.4	8.9	10.6	9.7	7.7	8.0	10.3
57.5°	18.7	12.0	12.0	11.5	9.6	9.8	10.6	10.6	9.5	8.9	10.6
55°	34.7	25.4	17.9	14.4	12.0	10.5	10.9	10.6	10.6	9.8	10.6
52.5°	60.5	43.9	32.2	21.8	16.2	12.0	12.1	10.6	10.6	10.4	10.6
50°	96.3	69.2	50.7	36.5	22.7	17.8	13.8	12.3	10.6	10.6	10.6
47.5°	140.9	103.5	74.0	53.4	37.4	24.1	18.9	14.7	10.6	10.6	10.6
45°	173.9	144.4	103.2	74.7	52.6	36.2	25.6	17.5	13.2	11.0	10.6
42.5°	206.3	179.6	140.5	95.6	72.3	50.0	32.6	23.5	16.2	11.7	11.0
40°	247.7	214.3	176.1	130.5	94.0	63.5	44.3	30.3	19.5	13.5	11.8
37.5°	290.3	253.1	211.3	164.0	118.5	84.2	56.1	37.4	24.6	17.3	12.9
35°	338.2	293.4	246.2	196.0	147.6	105.6	67.5	45.9	31.3	21.2	14.2
32.5°	386.7	332.2	278.8	227.0	174.8	127.5	83.7	56.9	37.9	25.3	15.7
30°	433.6	370.6	308.7	256.7	200.7	150.9	103.9	68.9	44.1	29.6	17.7
27.5°	476.3	408.3	337.7	283.1	226.6	172.7	124.2	81.7	50.1	34.3	21.1
25°	521.0	446.5	370.9	306.7	251.0	194.7	143.1	95.5	59.1	39.4	24.6
22.5°	571.7	485.1	402.8	327.9	276.6	216.2	161.1	111.8	69.8	44.2	28.0
20°	626.1	523.4	434.9	358.1	300.6	238.3	179.1	126.8	80.7	48.8	31.4
17.5°	681.9	565.3	473.7	392.6	324.4	258.9	196.1	140.5	91.6	53.0	34.8
15°	719.8	607.3	508.6	424.8	348.3	278.0	212.3	153.0	102.4	57.0	38.1
12.5°	751.5	643.4	539.4	454.6	371.7	295.5	227.3	164.1	112.9	62.4	41.3
10°	779.5	673.9	566.2	482.0	394.5	311.3	241.2	174.0	122.6	69.3	44.2
7.5°	803.7	699.0	589.3	506.7	416.1	327.2	252.6	182.6	131.1	76.2	46.9
5°	823.9	720.7	608.5	522.7	436.1	343.9	262.4	190.2	138.2	83.1	49.3
2.5°	840.0	740.4	625.0	534.3	453.6	359.3	270.4	196.8	144.2	89.7	51.4
0°	851.8	756.0	638.8	543.0	468.5	372.7	276.8	202.3	149.1	95.8	53.2
-2.5°	859.5	758.5	653.5	553.1	477.4	383.8	289.8	209.2	153.0	101.3	56.4
-5°	862.8	758.3	664.5	560.8	483.8	392.7	300.6	214.8	156.1	106.0	59.3
-7.5°	867.6	761.7	670.4	566.8	488.1	399.6	308.9	219.0	158.5	109.8	61.9
-10°	869.4	765.3	671.8	574.4	491.7	404.5	314.4	221.6	160.2	112.6	64.2
-12.5°	866.9	765.0	671.5	578.5	493.4	407.5	317.2	225.8	161.8	114.3	66.2
-15°	860.1	760.5	669.9	579.0	493.2	408.6	318.1	229.6	165.0	114.7	67.8
-17.5°	849.4	751.7	667.5	575.5	491.1	407.9	317.1	231.4	166.7	113.9	69.5
-20°	838.9	743.6	663.9	567.8	487.4	405.7	314.3	231.0	166.6	112.3	70.9

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6E-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	825.1	736.0	652.1	560.1	482.1	401.9	309.9	228.4	164.7	109.7	71.7
-25°	807.7	724.5	638.7	554.1	475.4	394.4	304.8	223.4	160.9	106.3	72.1
-27.5°	790.2	708.9	624.5	545.7	466.1	385.2	297.9	218.6	155.5	102.1	71.8
-30°	769.9	691.4	612.0	534.4	453.2	372.2	288.1	211.3	149.7	99.9	71.0
-32.5°	747.6	673.8	598.0	517.3	437.0	357.8	275.7	201.2	143.0	98.7	70.2
-35°	725.2	654.1	581.1	495.9	419.4	342.2	263.1	188.4	135.4	96.6	69.3
-37.5°	698.9	629.7	553.6	472.9	400.8	325.4	251.3	181.2	127.0	93.8	68.0
-40°	668.9	599.8	522.2	451.4	381.1	307.6	238.5	174.5	121.5	90.3	66.4
-42.5°	635.3	566.3	496.9	429.4	360.5	292.4	225.4	166.3	119.0	87.4	64.5
-45°	600.8	536.0	473.3	406.8	339.8	276.6	214.3	157.2	115.4	84.8	62.5
-47.5°	568.5	510.4	447.7	382.4	321.7	260.5	201.4	151.1	110.4	81.9	60.4
-50°	541.2	482.2	419.5	357.7	300.5	243.9	188.0	143.3	106.2	78.8	57.7
-52.5°	509.8	450.2	388.9	330.4	277.8	225.5	176.6	133.9	100.3	74.9	54.6
-55°	472.5	413.3	354.6	303.3	254.2	207.9	163.2	124.2	92.8	70.4	51.0
-57.5°	428.8	371.4	323.2	276.5	230.5	188.4	148.2	112.6	86.1	65.3	46.9
-60°	383.9	337.5	293.4	247.8	205.4	167.2	131.3	100.8	79.2	59.7	42.4
-62.5°	344.0	301.6	258.2	216.5	179.4	145.0	113.8	91.8	71.7	53.5	37.5
-65°	299.2	259.0	220.3	186.0	153.1	124.1	102.1	81.9	63.5	46.9	33.0
-67.5°	251.1	219.0	186.3	155.2	130.9	109.5	89.7	71.4	54.7	39.7	30.3
-70°	212.2	182.1	155.4	133.3	113.1	94.1	76.5	60.3	45.5	35.6	27.3
-72.5°	175.1	151.9	130.8	111.9	94.4	77.9	62.6	49.4	39.6	31.1	24.1
-75°	139.5	122.8	106.1	89.8	75.0	61.5	51.4	41.6	33.4	26.4	21.1
-77.5°	111.8	96.8	81.6	70.0	60.9	51.6	42.3	33.4	27.7	22.9	18.1
-80°	86.0	75.6	66.4	58.4	50.0	41.6	34.4	28.2	23.9	19.5	15.1
-82.5°	61.8	56.3	51.4	46.8	40.2	34.2	28.7	23.9	20.0	16.0	11.8
-85°	42.1	39.5	37.1	34.9	30.5	26.5	22.0	17.9	14.2	10.8	7.9
-87.5°	21.5	20.5	19.4	18.3	15.7	13.3	11.0	9.0	7.1	5.4	4.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA6E-740-U-NR-VSR-XX

**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°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.5	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.0
80°	0.0	0.0	0.0	0.0	0.1	0.9	0.0
77.5°	0.1	0.2	0.0	0.0	0.1	1.2	0.0
75°	0.3	0.9	0.2	0.0	0.2	1.4	0.0
72.5°	0.6	1.6	1.1	0.0	0.3	1.7	0.0
70°	1.2	2.4	2.1	0.2	0.4	1.9	0.0
67.5°	3.7	3.3	3.2	1.2	0.6	2.2	0.0
65°	6.1	4.5	4.3	2.3	0.8	2.4	0.0
62.5°	8.3	6.0	5.4	3.4	1.1	2.7	0.0
60°	10.4	7.4	6.6	4.5	1.4	3.0	0.0
57.5°	10.6	8.7	7.5	5.6	2.3	3.3	0.0
55°	10.6	9.8	8.2	6.7	3.2	3.6	0.0
52.5°	10.6	10.6	8.8	7.9	4.0	3.9	0.0
50°	10.6	10.6	9.4	9.1	4.8	4.2	0.0
47.5°	10.6	10.6	9.8	10.0	5.5	4.5	0.0
45°	10.6	10.6	10.2	10.3	6.2	4.8	0.0
42.5°	10.6	10.6	10.5	10.5	6.8	5.2	0.0
40°	10.6	10.6	10.6	10.6	7.4	5.5	0.0
37.5°	10.6	10.6	10.6	10.6	7.9	5.8	0.0
35°	10.6	10.6	10.6	10.6	8.4	6.2	0.0
32.5°	10.9	10.6	10.6	10.6	8.8	6.5	0.0
30°	12.0	10.6	10.6	10.6	9.2	6.9	0.0
27.5°	13.2	10.6	10.6	10.6	9.5	7.2	0.0
25°	14.5	10.6	10.6	10.6	9.8	7.6	0.0
22.5°	15.8	10.8	10.6	10.6	10.0	7.9	0.0
20°	17.2	11.6	10.6	10.6	10.2	8.3	0.0
17.5°	19.1	12.5	10.6	10.6	10.3	8.6	0.0
15°	21.3	13.6	10.6	10.6	10.4	8.9	0.0
12.5°	23.3	14.8	10.6	10.6	10.5	9.2	0.0
10°	25.3	16.1	10.6	10.6	10.5	9.5	0.0
7.5°	27.1	17.4	10.6	10.6	10.6	9.8	0.0
5°	28.8	18.8	10.6	10.6	10.6	10.1	0.0
2.5°	30.4	20.1	10.6	10.6	10.6	10.4	0.0
0°	31.9	21.3	10.6	10.6	10.6	10.6	0.0
-2.5°	34.7	22.4	11.5	10.6	10.6	10.6	0.0
-5°	37.3	23.4	12.5	10.6	10.6	10.6	0.0
-7.5°	39.7	24.4	13.3	10.6	10.6	10.5	0.0
-10°	41.7	25.2	14.1	10.6	10.6	10.4	0.0
-12.5°	43.5	25.8	14.8	10.6	10.6	10.3	0.0
-15°	44.8	26.4	15.4	10.6	10.6	10.2	0.0
-17.5°	45.7	26.9	15.9	10.6	10.6	10.1	0.0
-20°	46.3	27.2	16.2	10.6	10.6	10.0	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	46.9	27.5	16.3	10.6	10.6	9.8	0.0
-25°	47.2	28.2	16.3	10.6	10.6	9.6	0.0
-27.5°	47.2	28.9	16.0	10.6	10.6	9.4	0.0
-30°	47.0	29.4	15.6	10.6	10.6	9.2	0.0
-32.5°	46.4	29.6	15.6	10.6	10.6	8.9	0.0
-35°	46.3	29.6	15.4	10.6	10.6	8.7	0.0
-37.5°	46.1	29.3	15.0	10.6	10.6	8.4	0.0
-40°	45.5	28.7	14.4	10.6	10.6	8.1	0.0
-42.5°	44.6	27.8	14.3	10.7	10.6	7.8	0.0
-45°	43.2	26.7	14.7	11.0	10.6	7.5	0.0
-47.5°	41.5	25.3	14.9	11.2	10.6	7.2	0.0
-50°	39.4	23.6	15.1	11.4	10.6	6.8	0.0
-52.5°	36.9	21.7	15.1	11.4	10.6	6.5	0.0
-55°	34.0	21.0	15.0	11.5	10.6	6.1	0.0
-57.5°	30.8	20.6	14.8	11.5	10.6	5.7	0.0
-60°	27.6	19.9	14.5	11.4	10.6	5.3	0.0
-62.5°	26.2	19.1	14.1	11.3	9.8	4.9	0.0
-65°	24.5	18.1	13.6	11.1	9.0	4.5	0.0
-67.5°	22.7	16.9	13.0	10.9	8.1	4.1	0.0
-70°	20.7	15.7	12.3	10.7	7.2	3.6	0.0
-72.5°	18.4	14.3	11.6	9.5	6.4	3.2	0.0
-75°	16.1	12.8	10.8	8.2	5.5	2.7	0.0
-77.5°	13.5	11.2	9.1	6.9	4.6	2.3	0.0
-80°	10.9	9.1	7.3	5.5	3.7	1.8	0.0
-82.5°	8.2	6.9	5.5	4.1	2.8	1.4	0.0
-85°	5.5	4.6	3.7	2.8	1.8	0.9	0.0
-87.5°	2.7	2.3	1.8	1.4	0.9	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)