

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: P627292 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-740-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627292 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA3E-740-U-WR-VSR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (48) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

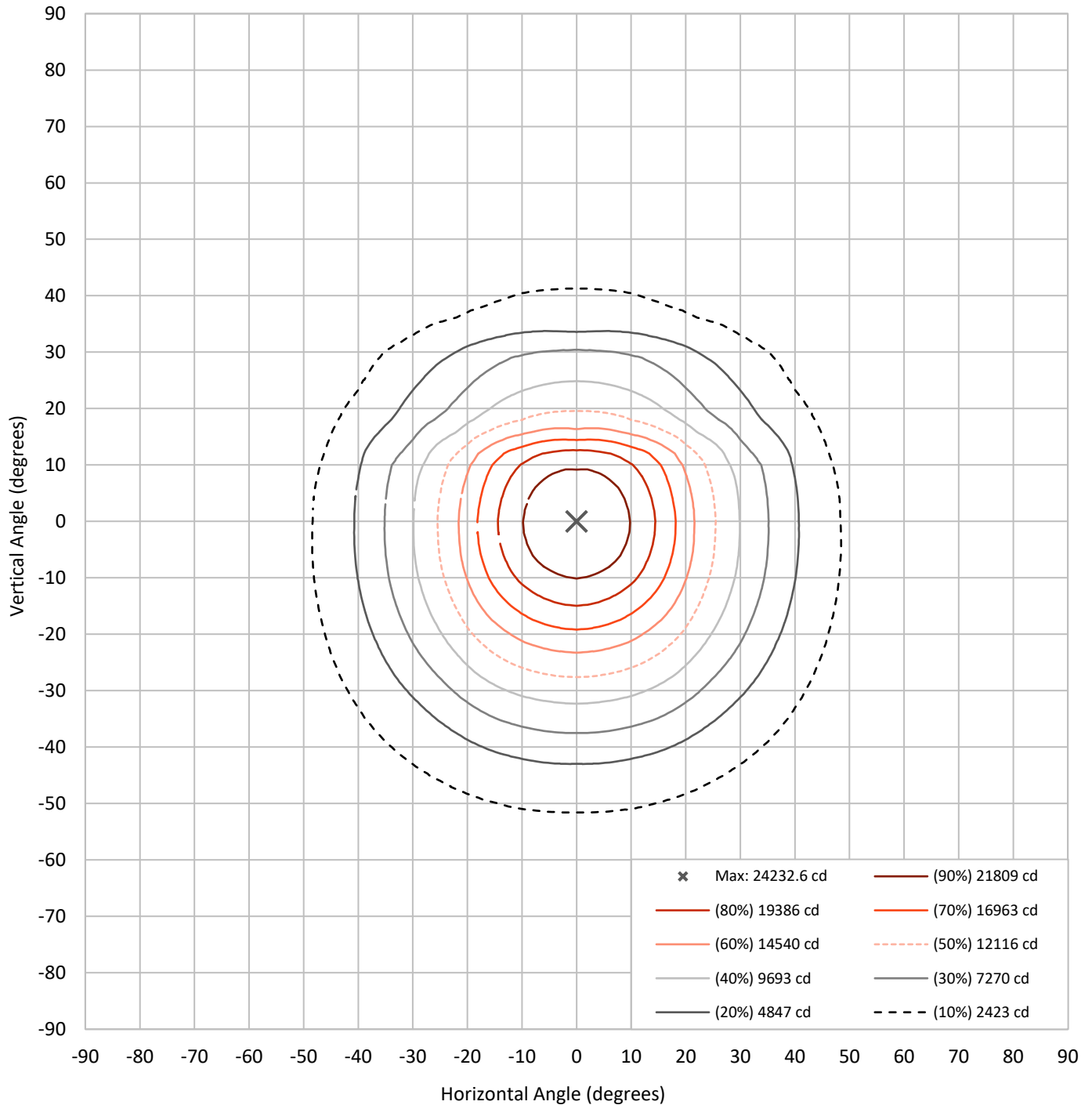
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	21378.3 lumens	Max Intensity:	24232.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	115.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	10292.7 lumens	Field Lumens:	19140.9 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	185.2		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





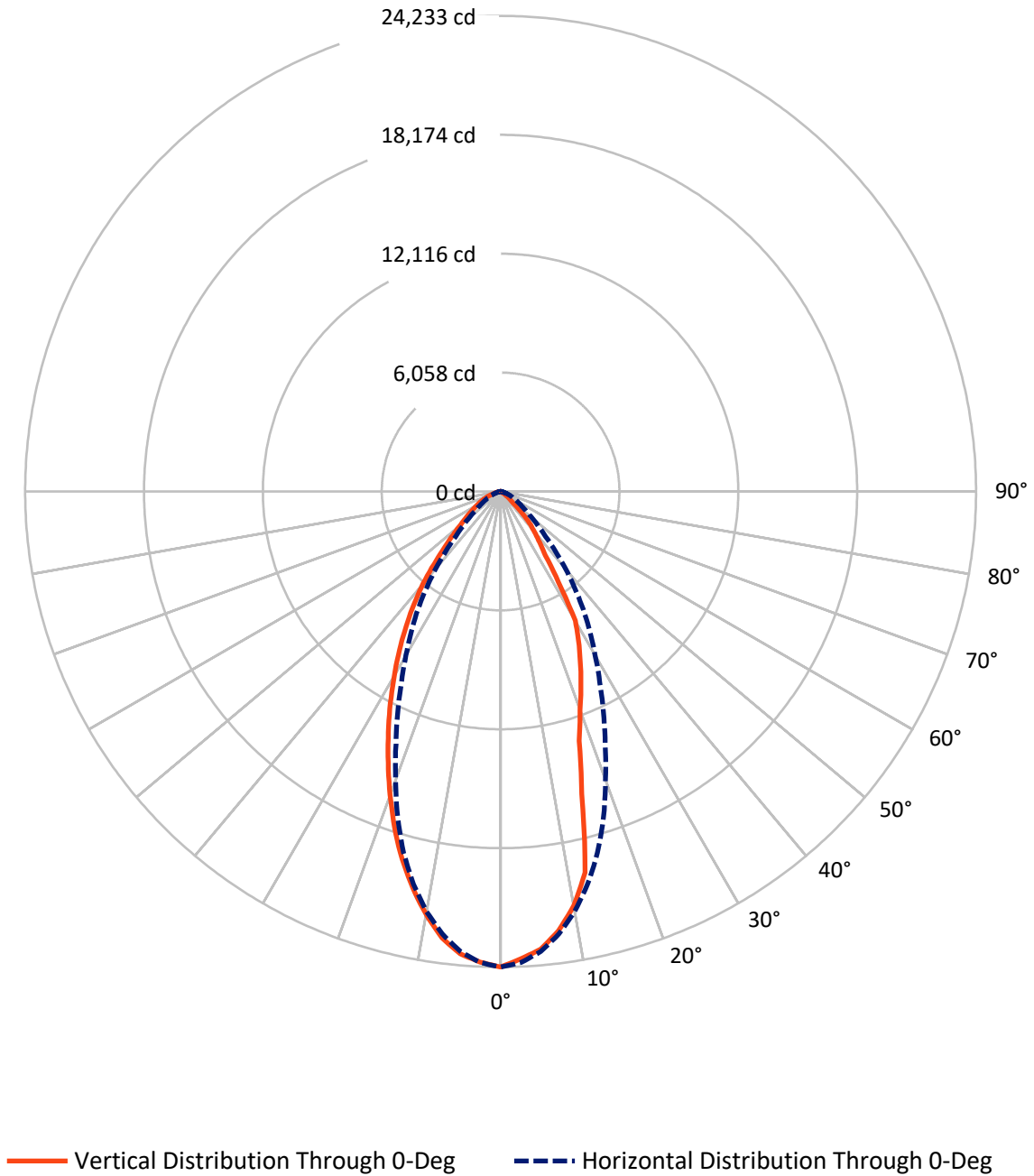
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### Lumen Table

90																			
80	0.0	0.1		0.1		0.0		0.0		0.0		0.1		0.1		0.0			
70																			
60	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1			
50		0.5	1.1	2.0	3.4	4.9	6.7	7.6	7.6	6.7	4.9	3.4	2.0	1.1	0.5				
40	0.9	1.6	4.1	8.7	15.9	26.1	37.7	46.2	46.2	37.7	26.1	15.9	8.7	4.1	1.6	0.9			
30		3.2	8.3	19.3	39.9	73.3	112.1	134.8	134.8	112.1	73.3	39.9	19.3	8.3	3.2				
20	2.3	5.1	13.5	35.1	83.0	155.9	237.3	286.0	286.0	237.3	155.9	83.0	35.1	13.5	5.1	2.3			
10		6.9	19.3	55.0	136.6	252.6	394.8	488.0	488.0	394.8	252.6	136.6	55.0	19.3	6.9				
0	3.3	8.1	24.2	71.2	179.4	334.4	536.9	680.7	680.7	536.9	334.4	179.4	71.2	24.2	8.1	3.3			
-10		8.4	25.2	73.5	182.0	339.2	542.3	684.9	684.9	542.3	339.2	182.0	73.5	25.2	8.4				
-20	3.5	8.3	23.9	65.4	161.2	297.8	459.1	566.5	566.5	459.1	297.8	161.2	65.4	23.9	8.3	3.5			
-30		7.6	20.7	51.2	120.3	224.5	334.6	401.3	401.3	334.6	224.5	120.3	51.2	20.7	7.6				
-40	3.0	6.7	16.8	37.0	75.7	139.3	210.2	250.2	250.2	210.2	139.3	75.7	37.0	16.8	6.7	3.0			
-50		5.6	12.9	25.6	45.5	72.9	104.6	124.5	124.5	104.6	72.9	45.5	25.6	12.9	5.6				
-60	1.9	4.3	9.4	17.0	27.8	40.0	51.7	58.5	58.5	51.7	40.0	27.8	17.0	9.4	4.3	1.9			
-70		3.0	6.3	10.5	16.1	22.0	26.9	29.3	29.3	26.9	22.0	16.1	10.5	6.3	3.0				
-80																			
-90	0.5	6.1		15.7		28.1		25.6		28.1		15.7		6.1		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

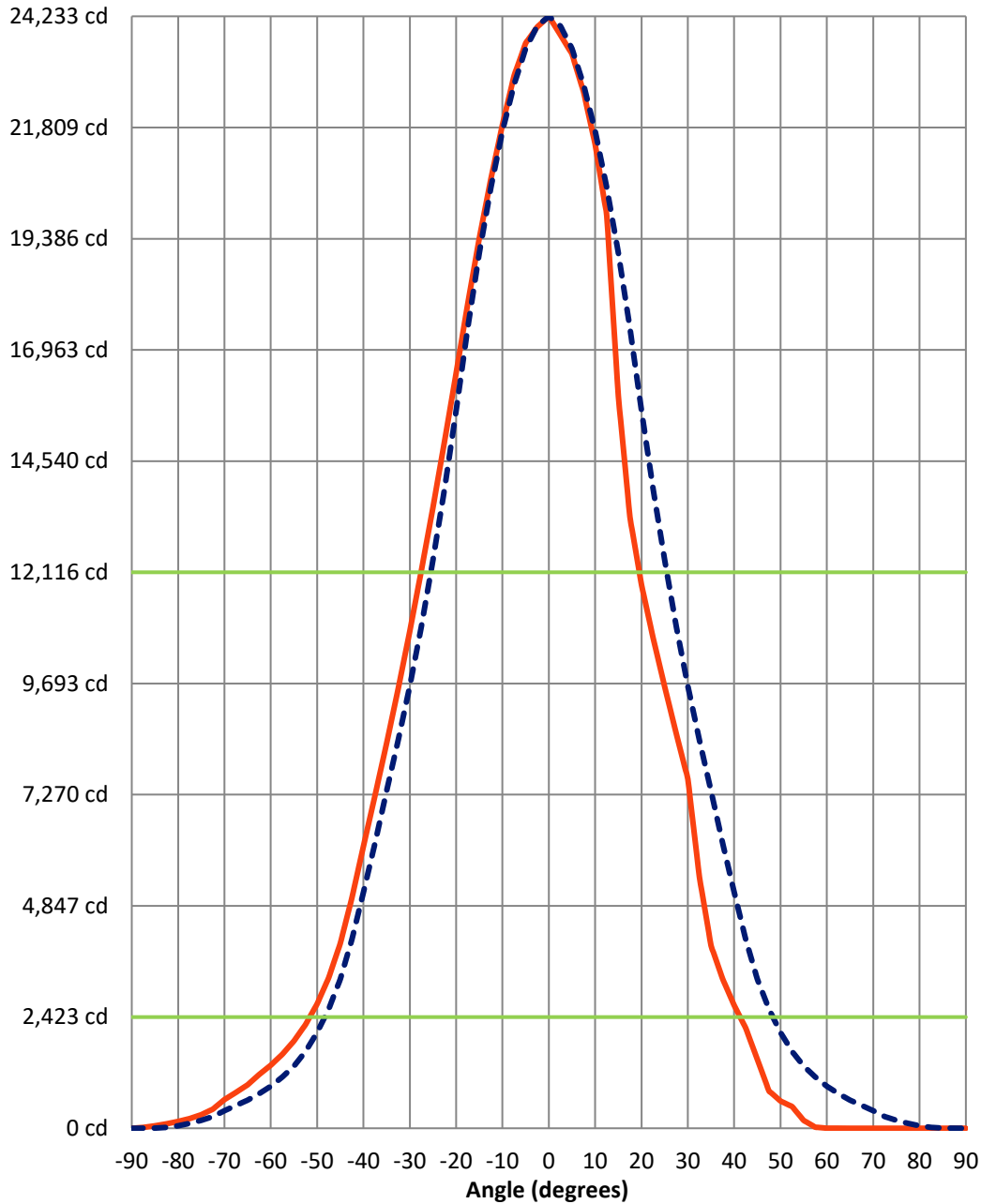
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 10292.7  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 19140.9  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 2237.4  
 Efficiency: 10.5%

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

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.7	0.7
85°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.4
82.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.7	1.7
80°	0.0	0.3	0.6	0.9	1.2	1.5	1.7	1.7	1.7	1.7	1.7
77.5°	0.0	0.4	0.7	1.1	1.5	1.7	1.7	1.7	1.7	1.7	1.7
75°	0.0	0.4	0.9	1.3	1.7	1.7	1.7	1.7	1.7	1.7	1.7
72.5°	0.0	0.5	1.0	1.5	1.7	1.7	1.7	1.7	1.7	1.7	1.7
70°	0.0	0.6	1.2	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.9
67.5°	0.0	0.7	1.3	1.7	1.7	1.7	1.9	1.7	1.7	2.2	2.1
65°	0.0	0.7	1.4	1.7	1.7	1.9	2.1	1.7	2.5	2.8	3.3
62.5°	0.0	0.8	1.6	1.7	1.7	2.3	2.3	2.3	3.3	4.6	7.2
60°	0.0	0.8	1.7	1.7	1.7	2.7	2.7	3.3	4.2	11.4	12.4
57.5°	0.0	0.9	1.7	1.7	2.2	3.2	4.7	4.5	11.3	19.3	21.2
55°	0.0	1.0	1.7	1.7	2.7	3.8	7.1	6.6	20.7	29.1	32.9
52.5°	0.0	1.0	1.8	1.7	3.3	4.8	10.0	16.3	30.9	43.2	46.6
50°	0.0	1.1	1.8	1.7	3.8	7.8	13.2	26.9	43.1	58.8	71.1
47.5°	0.0	1.1	1.9	1.8	4.4	11.0	17.6	37.7	59.3	76.0	96.5
45°	0.0	1.2	1.9	2.3	5.1	14.4	27.0	48.5	75.5	98.5	121.6
42.5°	0.0	1.3	2.0	2.8	5.7	18.0	36.3	61.3	91.6	120.7	149.4
40°	0.0	1.3	2.0	3.4	7.5	21.8	45.6	75.3	108.4	142.3	178.4
37.5°	0.0	1.3	2.1	4.1	10.5	25.7	54.8	89.1	126.6	164.6	208.1
35°	0.0	1.4	2.2	5.0	13.5	32.0	63.9	102.7	144.8	191.2	240.4
32.5°	0.0	1.4	2.3	5.8	16.5	39.2	73.6	116.1	163.1	218.5	276.7
30°	0.0	1.5	2.4	6.8	19.6	46.2	84.4	129.7	181.3	246.4	313.3
27.5°	0.0	1.5	2.4	7.7	23.1	53.1	94.9	144.6	201.3	274.7	350.0
25°	0.0	1.5	2.5	8.8	26.6	59.7	105.1	159.2	224.5	304.9	386.8
22.5°	0.0	1.6	2.6	9.8	30.0	66.1	114.8	173.3	247.3	335.4	424.0
20°	0.0	1.6	2.7	10.9	33.2	72.3	124.0	187.0	269.8	365.3	459.5
17.5°	0.0	1.6	2.8	12.0	36.4	78.2	132.6	200.1	291.7	394.3	493.2
15°	0.0	1.6	2.9	13.1	39.4	83.6	140.4	211.8	312.9	422.3	524.9
12.5°	0.0	1.7	3.0	14.2	42.3	88.7	147.6	221.6	330.4	448.9	554.6
10°	0.0	1.7	3.1	15.2	45.0	93.4	154.2	230.3	344.4	464.7	577.9
7.5°	0.0	1.7	3.2	16.3	47.5	97.6	160.0	238.0	356.7	476.7	590.1
5°	0.0	1.7	3.3	17.2	49.8	101.3	165.1	244.5	367.2	486.3	600.0
2.5°	0.0	1.7	3.4	18.2	51.9	104.5	169.5	250.0	375.8	493.5	607.5
0°	0.0	1.7	3.5	19.0	53.7	107.3	173.1	254.4	382.5	498.5	612.7
-2.5°	0.0	1.8	4.0	20.2	56.2	110.7	177.8	261.7	390.0	505.7	620.8
-5°	0.0	1.9	4.5	21.3	58.3	113.5	181.7	267.9	395.5	510.9	626.6
-7.5°	0.0	2.0	5.0	22.3	60.2	115.8	184.8	272.7	399.0	514.1	630.0
-10°	0.0	2.1	5.5	23.2	61.7	117.6	187.0	276.1	400.4	515.4	631.0
-12.5°	0.0	2.2	6.0	24.0	62.8	118.7	188.3	278.1	400.0	514.6	628.1
-15°	0.0	2.3	6.4	24.6	63.5	119.2	188.7	278.5	397.1	510.1	622.0
-17.5°	0.0	2.4	6.8	25.1	63.9	119.2	188.2	277.9	391.9	504.0	613.6
-20°	0.0	2.4	7.1	25.4	63.8	118.5	187.6	276.6	385.5	496.4	602.8

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CATALOG NUMBER: GFLD-SA3E-740-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.5	7.5	25.5	63.3	117.2	187.7	274.2	377.9	487.4	589.7
-25°	0.0	2.5	7.7	25.5	62.3	116.8	186.9	270.5	369.2	477.0	574.4
-27.5°	0.0	2.6	8.0	25.4	60.9	116.3	185.1	265.7	359.6	465.0	560.2
-30°	0.0	2.6	8.2	25.0	59.1	115.0	182.4	259.8	351.1	451.5	545.0
-32.5°	0.0	2.6	8.3	24.5	58.4	113.1	178.7	254.9	342.7	437.4	528.6
-35°	0.0	2.6	8.4	23.8	57.2	110.3	175.2	249.6	333.2	422.8	511.3
-37.5°	0.0	2.6	8.4	22.9	55.4	107.4	171.2	243.2	322.7	407.8	490.9
-40°	0.0	2.6	8.4	21.8	53.2	104.8	166.3	235.7	311.0	393.9	469.1
-42.5°	0.0	2.5	8.3	20.8	51.6	101.5	160.4	227.1	300.2	375.7	445.9
-45°	0.0	2.5	8.1	20.0	50.6	97.5	153.6	218.1	289.1	356.3	421.7
-47.5°	0.0	2.4	8.0	18.9	49.1	92.9	145.8	208.9	276.7	336.2	399.4
-50°	0.0	2.4	7.7	18.6	47.0	87.7	139.0	198.6	260.4	317.9	376.4
-52.5°	0.0	2.3	7.4	18.3	44.5	81.8	131.7	187.2	244.3	298.8	353.0
-55°	0.0	2.2	7.1	17.8	41.4	77.0	123.6	175.0	227.6	278.9	331.0
-57.5°	0.0	2.1	6.7	17.1	37.8	71.8	114.7	164.2	210.0	258.8	308.2
-60°	0.0	2.0	6.2	16.2	33.9	65.8	105.2	151.1	192.0	238.0	284.7
-62.5°	0.0	1.8	5.8	15.0	31.6	59.2	96.0	136.6	174.2	216.3	260.4
-65°	0.0	1.7	5.4	13.7	28.9	52.0	85.9	121.4	155.3	193.5	235.3
-67.5°	0.0	1.6	5.0	12.2	25.8	45.5	74.9	106.1	135.3	169.4	207.3
-70°	0.0	1.4	4.5	10.5	22.4	39.9	63.1	90.2	116.3	144.1	177.3
-72.5°	0.0	1.3	4.0	9.2	18.8	33.8	53.7	73.8	96.8	121.2	147.0
-75°	0.0	1.1	3.5	8.1	14.9	27.4	44.1	60.2	76.8	97.8	119.9
-77.5°	0.0	0.9	2.9	6.8	12.4	20.6	34.0	47.3	61.0	75.4	92.2
-80°	0.0	0.7	2.4	5.5	10.0	15.8	23.5	34.1	45.4	57.1	69.5
-82.5°	0.0	0.6	1.8	4.2	7.6	11.9	17.3	22.8	29.5	38.6	48.1
-85°	0.0	0.4	1.2	2.8	5.1	8.0	11.6	15.3	19.4	24.1	29.1
-87.5°	0.0	0.2	0.6	1.4	2.5	4.0	5.8	7.7	9.8	12.1	14.6
-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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CATALOG NUMBER: GFLD-SA3E-740-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.3
85°	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
72.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
70°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.4
67.5°	1.7	1.7	1.7	1.8	1.7	1.7	1.7	1.7	1.7	1.3	0.9
65°	1.7	1.7	2.3	2.5	1.8	1.7	1.7	1.7	1.8	1.5	1.6
62.5°	2.5	3.1	3.8	6.0	4.5	1.7	3.4	3.9	2.6	2.1	2.3
60°	7.5	5.2	13.3	18.4	12.1	6.4	7.8	15.7	13.0	3.5	9.2
57.5°	15.3	18.8	33.5	35.2	27.0	18.3	40.1	44.4	36.9	23.2	33.3
55°	31.8	44.8	56.6	55.9	56.2	70.7	83.1	81.6	72.0	99.2	124.9
52.5°	60.3	73.7	81.6	88.8	109.0	122.5	126.3	134.0	162.2	195.9	202.0
50°	88.5	102.3	112.6	138.9	159.6	170.3	180.1	206.0	248.6	271.8	275.5
47.5°	117.0	132.5	159.6	188.4	208.4	224.5	241.6	300.3	347.9	367.6	374.7
45°	146.8	173.4	207.3	236.9	260.2	281.9	337.5	417.6	451.2	481.4	558.3
42.5°	177.7	217.8	256.0	287.1	313.2	358.6	436.1	513.8	561.7	626.0	719.0
40°	217.1	262.1	306.4	337.9	370.5	439.4	535.3	617.5	668.2	754.6	860.5
37.5°	257.1	309.7	357.6	390.8	436.7	529.8	642.6	741.0	803.9	874.2	1044.4
35°	296.6	358.3	407.4	452.0	508.7	637.1	776.0	885.5	963.3	1083.6	1299.0
32.5°	338.8	407.8	458.0	518.7	611.9	755.4	926.0	1047.6	1176.6	1349.7	1694.7
30°	383.8	454.2	511.9	584.8	709.7	877.2	1075.1	1228.0	1403.1	1684.3	2056.2
27.5°	428.5	500.3	571.4	664.2	801.4	982.2	1189.0	1430.0	1656.4	1970.8	2377.4
25°	471.6	547.4	629.8	741.9	890.2	1079.6	1305.4	1583.4	1878.7	2238.4	2715.7
22.5°	512.7	595.2	691.7	812.1	965.2	1172.1	1441.3	1767.8	2122.7	2495.2	3043.8
20°	553.0	648.5	759.2	894.1	1034.2	1257.3	1574.2	1969.6	2414.4	2924.7	3462.3
17.5°	592.8	701.2	829.0	978.9	1148.7	1377.0	1710.5	2181.2	2722.5	3386.7	4048.6
15°	631.8	752.8	896.5	1062.7	1264.3	1537.1	1915.8	2433.1	3087.2	3882.6	4666.6
12.5°	669.6	802.9	961.2	1144.5	1376.3	1687.8	2109.3	2667.4	3416.9	4367.2	5330.3
10°	705.9	851.0	1022.7	1223.5	1483.6	1828.0	2280.4	2870.1	3665.6	4644.9	5716.2
7.5°	724.3	883.5	1075.2	1298.7	1584.8	1956.7	2429.2	3041.4	3859.9	4868.3	5942.4
5°	737.5	898.4	1094.9	1328.7	1640.5	2044.2	2543.1	3181.4	4003.2	5036.3	6095.6
2.5°	747.7	909.1	1109.3	1345.6	1662.5	2073.4	2580.8	3230.3	4080.0	5124.1	6184.9
0°	754.7	915.6	1118.2	1355.3	1673.8	2087.5	2598.1	3250.6	4112.6	5144.2	6217.4
-2.5°	762.1	924.6	1127.5	1370.4	1689.7	2106.7	2617.2	3265.0	4137.0	5149.8	6234.9
-5°	766.4	929.4	1131.1	1377.7	1694.8	2110.3	2615.8	3251.3	4117.6	5109.4	6196.8
-7.5°	767.5	929.9	1129.1	1376.2	1688.3	2093.9	2588.2	3210.7	4050.5	5027.6	6103.3
-10°	765.6	925.8	1121.6	1363.7	1669.3	2059.9	2538.7	3140.4	3940.1	4892.6	5945.1
-12.5°	760.0	917.2	1108.3	1343.4	1638.7	2011.6	2469.1	3040.2	3786.9	4704.9	5722.2
-15°	751.1	904.3	1089.0	1315.1	1596.4	1949.4	2379.5	2910.1	3589.6	4466.2	5444.7
-17.5°	738.7	887.2	1063.8	1279.1	1542.5	1873.8	2271.3	2757.8	3376.9	4199.9	5136.1
-20°	722.9	865.9	1032.6	1235.5	1480.3	1794.2	2170.9	2622.9	3177.8	3894.9	4772.0



REPORT NUMBER: P627292 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	703.7	840.5	999.5	1193.6	1425.1	1711.6	2058.6	2469.9	2954.4	3542.4	4374.5
-25°	684.1	816.1	967.4	1147.1	1362.1	1618.0	1930.1	2304.9	2743.6	3281.8	3969.8
-27.5°	664.6	788.2	930.3	1093.3	1291.5	1521.4	1809.3	2151.0	2542.0	2999.6	3559.9
-30°	642.7	756.9	889.3	1037.0	1223.8	1437.2	1686.1	1978.8	2326.5	2740.0	3227.1
-32.5°	618.8	723.4	849.7	988.3	1151.2	1345.5	1560.9	1825.6	2128.1	2469.2	2890.2
-35°	595.0	694.7	809.1	935.8	1073.4	1255.3	1453.2	1672.9	1930.1	2232.2	2568.8
-37.5°	572.1	663.5	765.5	883.7	1012.7	1163.8	1338.6	1536.9	1758.4	1998.7	2289.6
-40°	546.6	629.8	726.3	833.4	947.5	1078.4	1236.0	1404.3	1595.0	1806.5	2031.1
-42.5°	518.9	598.8	686.8	779.2	883.9	1000.8	1131.5	1285.5	1443.9	1621.1	1817.1
-45°	491.7	565.2	645.7	729.9	818.0	921.4	1040.1	1168.1	1308.6	1453.2	1617.9
-47.5°	463.1	530.2	605.1	678.5	756.6	844.7	945.5	1061.7	1178.8	1307.6	1435.3
-50°	434.5	497.4	560.4	628.9	698.8	772.2	857.3	957.6	1064.2	1171.0	1283.4
-52.5°	408.8	463.3	520.2	579.0	642.6	707.9	778.8	861.5	954.8	1048.9	1145.7
-55°	382.6	432.8	479.8	532.5	587.5	646.3	709.5	779.1	849.5	935.2	1018.6
-57.5°	357.0	401.5	442.4	487.3	536.3	586.2	643.2	702.3	766.2	831.0	899.2
-60°	331.3	369.1	406.2	445.1	486.2	530.6	576.4	628.3	683.1	739.4	798.5
-62.5°	304.8	335.4	368.1	403.7	439.9	474.1	512.5	554.9	600.1	648.4	698.5
-65°	275.1	300.5	327.8	358.7	392.7	420.3	449.7	481.6	519.0	558.7	598.1
-67.5°	243.4	265.9	288.1	311.1	338.6	363.3	387.6	412.9	440.8	473.4	504.9
-70°	208.0	230.5	250.1	269.2	286.7	304.3	324.8	344.9	367.4	396.5	425.2
-72.5°	172.1	193.2	211.8	227.9	240.3	250.8	263.4	278.0	299.5	326.6	351.9
-75°	139.2	156.2	173.6	189.1	197.1	200.2	202.8	210.5	232.3	260.1	284.7
-77.5°	108.4	123.2	137.4	150.9	156.5	158.7	159.8	159.7	175.8	199.5	224.4
-80°	79.8	90.1	102.1	113.7	117.1	118.2	118.3	117.6	130.8	147.8	166.0
-82.5°	55.4	62.9	70.5	78.4	79.4	78.9	77.7	76.6	87.3	99.6	112.2
-85°	32.3	35.4	40.1	44.9	45.4	45.2	44.4	43.0	48.9	55.6	62.7
-87.5°	16.2	17.7	19.3	20.8	20.3	19.5	18.4	17.1	18.8	20.5	22.3
-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: P627292 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.4	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.7	1.3	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.7	1.3	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.7	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.7	1.4	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.7	1.4	1.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.7	1.5	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.0	0.5	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.8	0.9	0.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.7	1.7	1.3	0.8	0.4	0.3	0.4	0.4	0.2	0.0	0.0
62.5°	2.2	2.1	1.5	1.4	1.6	1.7	1.4	1.2	1.1	1.2	1.4
60°	9.8	5.6	5.7	7.2	6.1	2.8	5.6	7.1	6.7	5.0	4.4
57.5°	49.7	41.6	29.0	48.7	50.1	34.9	37.9	49.5	48.0	37.1	36.9
55°	125.2	127.0	136.3	148.7	157.8	162.0	165.7	184.4	204.2	223.7	233.4
52.5°	206.8	231.0	261.1	281.0	294.9	323.4	363.3	381.6	399.4	419.7	434.3
50°	304.5	346.5	376.8	381.1	428.6	459.4	466.6	501.0	538.5	561.8	578.5
47.5°	453.0	506.2	532.5	549.3	607.0	670.3	670.4	690.2	783.9	833.0	856.5
45°	652.5	696.8	743.4	864.3	975.5	1010.8	1086.3	1188.6	1255.0	1346.5	1447.1
42.5°	822.4	905.6	1022.2	1155.4	1266.9	1359.7	1471.8	1594.7	1742.4	1881.3	2001.1
40°	990.5	1093.5	1237.9	1382.8	1523.2	1651.7	1832.5	1990.6	2164.8	2355.9	2515.1
37.5°	1209.8	1341.8	1491.0	1673.7	1892.1	2034.8	2283.5	2510.7	2706.9	2937.7	3079.8
35°	1546.8	1718.8	1850.9	2220.0	2485.7	2652.7	2947.1	3320.5	3463.9	3754.4	3892.3
32.5°	1970.5	2198.9	2546.6	3035.5	3390.3	3697.6	4137.8	4516.6	4839.6	5131.4	5434.9
30°	2446.5	2799.0	3311.5	3961.1	4321.5	4752.0	5347.1	5796.3	6302.8	6858.7	7053.4
27.5°	2878.4	3406.4	4001.4	4527.7	5045.3	5581.4	6166.2	6743.3	7291.5	7754.1	8064.5
25°	3278.7	3918.2	4496.5	5058.8	5619.7	6223.4	6884.9	7539.4	8142.6	8618.6	8980.5
22.5°	3691.6	4367.2	4985.9	5556.5	6208.9	6893.1	7596.5	8347.2	9033.7	9527.5	9921.8
20°	4079.9	4831.3	5537.0	6186.6	6803.4	7593.1	8403.1	9199.5	9947.0	10535.2	10989.8
17.5°	4696.1	5348.4	6210.9	7054.8	7749.7	8475.2	9557.5	10379.4	11209.0	11913.4	12395.3
15°	5452.9	6170.2	7060.8	8219.8	9171.9	10003.1	11121.2	12458.3	13436.8	14336.1	14953.0
12.5°	6210.3	7021.6	7984.9	9289.3	10644.7	11623.8	12980.4	14674.6	15814.3	17206.7	17893.1
10°	6790.8	7809.6	8801.6	9992.0	11293.7	12687.9	14150.3	15735.3	17258.2	18453.8	19522.5
7.5°	7024.6	8109.7	9258.1	10472.6	11774.2	13213.2	14771.8	16421.1	17988.4	19323.8	20498.3
5°	7199.3	8311.1	9467.1	10708.9	12100.4	13603.1	15184.9	16916.6	18517.0	19948.3	21150.0
2.5°	7310.3	8432.6	9583.6	10846.1	12309.6	13856.9	15489.5	17267.1	18891.6	20365.1	21562.8
0°	7352.9	8458.9	9637.6	10937.5	12386.3	13937.2	15640.4	17438.8	19076.2	20500.8	21733.2
-2.5°	7358.7	8434.4	9641.2	10934.7	12321.0	13886.4	15610.2	17393.5	18997.7	20416.5	21659.9
-5°	7300.9	8376.2	9584.1	10858.0	12246.2	13799.8	15449.6	17172.9	18702.9	20083.7	21280.9
-7.5°	7183.8	8256.2	9437.3	10682.1	12032.8	13539.8	15124.3	16726.5	18227.4	19551.8	20694.3
-10°	7010.1	8059.9	9200.1	10413.0	11691.0	13124.4	14635.3	16166.1	17573.6	18798.3	19854.8
-12.5°	6774.8	7800.3	8889.2	10047.1	11236.7	12603.4	14030.0	15467.5	16750.4	17868.5	18816.4
-15°	6469.2	7470.8	8525.2	9620.2	10773.9	12009.7	13290.1	14608.6	15791.8	16783.3	17649.3
-17.5°	6109.3	7080.7	8082.0	9097.1	10191.8	11351.3	12539.7	13723.4	14732.5	15613.4	16405.2
-20°	5707.9	6644.0	7595.1	8541.4	9534.5	10606.9	11704.5	12744.2	13626.1	14426.4	15151.0



REPORT NUMBER: P627292 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-740-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5258.0	6153.9	7065.6	7951.2	8846.7	9817.7	10798.0	11738.2	12563.1	13247.7	13877.4
-25°	4776.4	5604.2	6465.0	7295.3	8119.6	8989.7	9880.1	10745.3	11471.2	12065.7	12586.0
-27.5°	4291.0	5047.5	5806.0	6587.6	7349.5	8152.4	8958.6	9705.8	10357.6	10904.9	11342.1
-30°	3780.9	4457.1	5149.8	5857.1	6584.6	7319.3	8047.7	8701.9	9270.9	9752.3	10130.2
-32.5°	3356.9	3870.7	4482.2	5124.3	5806.2	6475.7	7109.3	7705.6	8241.8	8662.1	8982.6
-35°	2950.5	3385.6	3843.6	4411.9	4997.8	5613.9	6196.7	6728.9	7206.8	7574.1	7875.6
-37.5°	2601.2	2945.3	3332.6	3738.4	4229.6	4738.8	5264.9	5765.4	6191.6	6512.0	6781.2
-40°	2298.9	2570.5	2880.0	3201.6	3563.1	3929.0	4387.0	4809.4	5157.2	5456.7	5700.6
-42.5°	2025.5	2254.8	2483.3	2747.2	3019.8	3313.9	3635.4	3947.8	4214.8	4465.4	4672.6
-45°	1789.5	1972.7	2154.9	2358.6	2558.9	2798.0	3027.6	3232.5	3448.8	3636.5	3784.2
-47.5°	1583.2	1726.0	1882.2	2034.7	2195.4	2375.6	2546.5	2702.4	2860.8	2998.1	3108.1
-50°	1399.8	1518.2	1645.7	1765.5	1895.5	2027.3	2153.7	2277.7	2398.1	2502.5	2583.7
-52.5°	1239.3	1342.7	1442.0	1537.5	1640.9	1738.4	1829.9	1932.3	2026.4	2108.8	2164.4
-55°	1102.7	1187.2	1268.6	1348.2	1426.4	1500.3	1573.2	1652.7	1725.4	1790.8	1832.2
-57.5°	974.4	1046.3	1115.2	1180.2	1242.3	1301.0	1362.4	1423.5	1479.5	1528.8	1560.9
-60°	857.6	916.3	976.0	1029.1	1079.1	1126.0	1177.7	1226.6	1271.8	1309.8	1331.9
-62.5°	750.6	803.3	847.3	889.3	931.9	974.2	1010.9	1047.0	1081.9	1111.3	1130.6
-65°	638.7	683.4	720.9	754.6	785.1	817.9	849.2	877.6	902.7	921.9	934.1
-67.5°	538.7	571.6	601.6	628.4	655.6	681.9	706.0	727.5	746.4	759.8	768.5
-70°	451.8	476.9	501.5	525.8	550.1	570.5	588.0	604.1	618.6	624.7	627.4
-72.5°	375.5	397.7	419.3	440.8	460.9	476.9	489.8	501.6	512.2	503.1	487.1
-75°	306.2	325.8	345.9	364.9	382.7	394.9	404.4	413.2	421.2	401.4	374.2
-77.5°	249.5	266.7	281.7	296.5	311.1	318.9	325.0	330.9	336.6	314.5	286.6
-80°	185.1	199.0	211.7	224.1	236.4	241.0	243.7	245.5	246.5	227.6	205.7
-82.5°	125.1	132.3	139.2	146.5	153.9	157.8	160.7	163.0	164.6	151.2	136.1
-85°	70.1	72.3	74.0	75.4	76.6	79.1	81.4	83.5	85.5	79.1	72.1
-87.5°	24.1	24.1	24.0	23.8	23.6	23.6	23.6	23.5	23.4	22.4	21.3
-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: P627292 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-740-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4
62.5°	1.5	1.6	1.7	1.7	1.7	1.6	1.5	1.4	1.2	1.1	1.2
60°	3.4	2.1	1.7	1.7	1.7	2.1	3.4	4.4	5.0	6.7	7.1
57.5°	34.4	30.0	26.9	24.2	26.9	30.0	34.4	36.9	37.1	48.0	49.5
55°	229.2	213.4	194.1	171.4	194.1	213.4	229.2	233.4	223.7	204.2	184.4
52.5°	449.7	464.7	473.3	472.5	473.3	464.7	449.7	434.3	419.7	399.4	381.6
50°	591.9	600.0	600.4	593.7	600.4	600.0	591.9	578.5	561.8	538.5	501.0
47.5°	867.2	855.8	836.3	815.3	836.3	855.8	867.2	856.5	833.0	783.9	690.2
45°	1513.3	1549.8	1547.4	1500.7	1547.4	1549.8	1513.3	1447.1	1346.5	1255.0	1188.6
42.5°	2068.0	2122.6	2161.3	2180.9	2161.3	2122.6	2068.0	2001.1	1881.3	1742.4	1594.7
40°	2604.8	2657.5	2680.8	2679.4	2680.8	2657.5	2604.8	2515.1	2355.9	2164.8	1990.6
37.5°	3172.0	3240.2	3273.3	3257.6	3273.3	3240.2	3172.0	3079.8	2937.7	2706.9	2510.7
35°	3951.9	4015.8	4017.0	3984.5	4017.0	4015.8	3951.9	3892.3	3754.4	3463.9	3320.5
32.5°	5675.8	5697.3	5533.1	5474.8	5533.1	5697.3	5675.8	5434.9	5131.4	4839.6	4516.6
30°	7247.2	7398.7	7539.7	7610.8	7539.7	7398.7	7247.2	7053.4	6858.7	6302.8	5796.3
27.5°	8298.5	8480.7	8593.7	8600.8	8593.7	8480.7	8298.5	8064.5	7754.1	7291.5	6743.3
25°	9254.7	9458.5	9581.6	9623.8	9581.6	9458.5	9254.7	8980.5	8618.6	8142.6	7539.4
22.5°	10256.4	10496.6	10655.7	10688.3	10655.7	10496.6	10256.4	9921.8	9527.5	9033.7	8347.2
20°	11418.6	11698.2	11850.8	11844.5	11850.8	11698.2	11418.6	10989.8	10535.2	9947.0	9199.5
17.5°	12948.7	13248.6	13380.4	13322.7	13380.4	13248.6	12948.7	12395.3	11913.4	11209.0	10379.4
15°	15586.2	16213.5	16211.0	15960.6	16211.0	16213.5	15586.2	14953.0	14336.1	13436.8	12458.3
12.5°	18839.6	19307.0	19786.6	19889.8	19786.6	19307.0	18839.6	17893.1	17206.7	15814.3	14674.6
10°	20422.6	21043.5	21453.2	21442.4	21453.2	21043.5	20422.6	19522.5	18453.8	17258.2	15735.3
7.5°	21413.1	22098.9	22595.4	22584.8	22595.4	22098.9	21413.1	20498.3	19323.8	17988.4	16421.1
5°	22177.4	22938.1	23377.9	23410.4	23377.9	22938.1	22177.4	21150.0	19948.3	18517.0	16916.6
2.5°	22574.5	23368.5	23897.2	23827.6	23897.2	23368.5	22574.5	21562.8	20365.1	18891.6	17267.1
0°	22740.5	23526.4	24019.7	24232.6	24019.7	23526.4	22740.5	21733.2	20500.8	19076.2	17438.8
-2.5°	22668.0	23432.7	23977.8	23998.9	23977.8	23432.7	22668.0	21659.9	20416.5	18997.7	17393.5
-5°	22279.6	23086.5	23451.8	23645.8	23451.8	23086.5	22279.6	21280.9	20083.7	18702.9	17172.9
-7.5°	21653.3	22258.0	22721.9	22936.1	22721.9	22258.0	21653.3	20694.3	19551.8	18227.4	16726.5
-10°	20678.5	21304.4	21696.5	21873.4	21696.5	21304.4	20678.5	19854.8	18798.3	17573.6	16166.1
-12.5°	19598.5	20167.5	20540.2	20689.4	20540.2	20167.5	19598.5	18816.4	17868.5	16750.4	15467.5
-15°	18393.7	18910.3	19253.3	19396.5	19253.3	18910.3	18393.7	17649.3	16783.3	15791.8	14608.6
-17.5°	17067.4	17520.0	17861.9	17965.0	17861.9	17520.0	17067.4	16405.2	15613.4	14732.5	13723.4
-20°	15703.6	16112.8	16394.4	16455.7	16394.4	16112.8	15703.6	15151.0	14426.4	13626.1	12744.2



REPORT NUMBER: P627292 (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°	14329.4	14666.5	14895.2	14972.3	14895.2	14666.5	14329.4	13877.4	13247.7	12563.1	11738.2
-25°	12986.5	13277.4	13461.5	13530.4	13461.5	13277.4	12986.5	12586.0	12065.7	11471.2	10745.3
-27.5°	11694.9	11966.1	12135.3	12157.8	12135.3	11966.1	11694.9	11342.1	10904.9	10357.6	9705.8
-30°	10424.0	10648.1	10778.4	10833.7	10778.4	10648.1	10424.0	10130.2	9752.3	9270.9	8701.9
-32.5°	9236.4	9432.1	9549.2	9580.5	9549.2	9432.1	9236.4	8982.6	8662.1	8241.8	7705.6
-35°	8115.3	8296.0	8399.8	8391.4	8399.8	8296.0	8115.3	7875.6	7574.1	7206.8	6728.9
-37.5°	7003.8	7170.5	7264.7	7255.9	7264.7	7170.5	7003.8	6781.2	6512.0	6191.6	5765.4
-40°	5901.2	6045.1	6128.0	6148.2	6128.0	6045.1	5901.2	5700.6	5456.7	5157.2	4809.4
-42.5°	4844.9	4977.6	5044.0	5017.9	5044.0	4977.6	4844.9	4672.6	4465.4	4214.8	3947.8
-45°	3887.5	3956.2	4001.4	4029.5	4001.4	3956.2	3887.5	3784.2	3636.5	3448.8	3232.5
-47.5°	3188.7	3245.6	3276.4	3281.8	3276.4	3245.6	3188.7	3108.1	2998.1	2860.8	2702.4
-50°	2646.9	2695.3	2716.7	2710.6	2716.7	2695.3	2646.9	2583.7	2502.5	2398.1	2277.7
-52.5°	2204.4	2232.4	2251.4	2260.6	2251.4	2232.4	2204.4	2164.4	2108.8	2026.4	1932.3
-55°	1863.3	1885.2	1898.0	1902.3	1898.0	1885.2	1863.3	1832.2	1790.8	1725.4	1652.7
-57.5°	1587.5	1608.4	1615.9	1613.2	1615.9	1608.4	1587.5	1560.9	1528.8	1479.5	1423.5
-60°	1349.0	1360.9	1369.8	1374.3	1369.8	1360.9	1349.0	1331.9	1309.8	1271.8	1226.6
-62.5°	1145.9	1157.1	1166.4	1171.8	1166.4	1157.1	1145.9	1130.6	1111.3	1081.9	1047.0
-65°	942.6	947.5	948.9	946.8	948.9	947.5	942.6	934.1	921.9	902.7	877.6
-67.5°	775.0	779.2	781.9	782.4	781.9	779.2	775.0	768.5	759.8	746.4	727.5
-70°	630.0	631.8	629.8	624.9	629.8	631.8	630.0	627.4	624.7	618.6	604.1
-72.5°	470.7	453.4	436.2	417.1	436.2	453.4	470.7	487.1	503.1	512.2	501.6
-75°	346.0	316.9	306.3	296.0	306.3	316.9	346.0	374.2	401.4	421.2	413.2
-77.5°	257.3	226.9	218.8	211.2	218.8	226.9	257.3	286.6	314.5	336.6	330.9
-80°	182.8	159.1	153.9	148.9	153.9	159.1	182.8	205.7	227.6	246.5	245.5
-82.5°	120.2	103.7	100.3	96.9	100.3	103.7	120.2	136.1	151.2	164.6	163.0
-85°	64.6	56.9	55.3	53.7	55.3	56.9	64.6	72.1	79.1	85.5	83.5
-87.5°	20.1	18.9	19.0	19.0	19.0	18.9	20.1	21.3	22.4	23.4	23.5
-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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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.4	0.7	1.1	1.4	1.3	1.3	1.3	1.2
85°	0.0	0.0	0.0	0.4	0.9	1.3	1.7	1.7	1.7	1.7	1.7
82.5°	0.0	0.0	0.0	0.5	0.9	1.3	1.7	1.7	1.7	1.7	1.7
80°	0.0	0.0	0.1	0.5	0.9	1.3	1.7	1.7	1.7	1.7	1.7
77.5°	0.0	0.0	0.1	0.5	1.0	1.4	1.7	1.7	1.7	1.7	1.7
75°	0.0	0.0	0.1	0.6	1.0	1.4	1.7	1.7	1.7	1.7	1.7
72.5°	0.0	0.0	0.1	0.5	1.0	1.5	1.7	1.7	1.7	1.7	1.7
70°	0.0	0.0	0.1	0.0	0.1	0.5	1.0	1.4	1.7	1.7	1.7
67.5°	0.0	0.0	0.3	0.7	0.9	0.9	0.8	0.9	1.3	1.7	1.7
65°	0.4	0.3	0.4	0.8	1.3	1.7	1.7	1.6	1.5	1.8	1.7
62.5°	1.4	1.7	1.6	1.4	1.5	2.1	2.2	2.3	2.1	2.6	3.9
60°	5.6	2.8	6.1	7.2	5.7	5.6	9.8	9.2	3.5	13.0	15.7
57.5°	37.9	34.9	50.1	48.7	29.0	41.6	49.7	33.3	23.2	36.9	44.4
55°	165.7	162.0	157.8	148.7	136.3	127.0	125.2	124.9	99.2	72.0	81.6
52.5°	363.3	323.4	294.9	281.0	261.1	231.0	206.8	202.0	195.9	162.2	134.0
50°	466.6	459.4	428.6	381.1	376.8	346.5	304.5	275.5	271.8	248.6	206.0
47.5°	670.4	670.3	607.0	549.3	532.5	506.2	453.0	374.7	367.6	347.9	300.3
45°	1086.3	1010.8	975.5	864.3	743.4	696.8	652.5	558.3	481.4	451.2	417.6
42.5°	1471.8	1359.7	1266.9	1155.4	1022.2	905.6	822.4	719.0	626.0	561.7	513.8
40°	1832.5	1651.7	1523.2	1382.8	1237.9	1093.5	990.5	860.5	754.6	668.2	617.5
37.5°	2283.5	2034.8	1892.1	1673.7	1491.0	1341.8	1209.8	1044.4	874.2	803.9	741.0
35°	2947.1	2652.7	2485.7	2220.0	1850.9	1718.8	1546.8	1299.0	1083.6	963.3	885.5
32.5°	4137.8	3697.6	3390.3	3035.5	2546.6	2198.9	1970.5	1694.7	1349.7	1176.6	1047.6
30°	5347.1	4752.0	4321.5	3961.1	3311.5	2799.0	2446.5	2056.2	1684.3	1403.1	1228.0
27.5°	6166.2	5581.4	5045.3	4527.7	4001.4	3406.4	2878.4	2377.4	1970.8	1656.4	1430.0
25°	6884.9	6223.4	5619.7	5058.8	4496.5	3918.2	3278.7	2715.7	2238.4	1878.7	1583.4
22.5°	7596.5	6893.1	6208.9	5556.5	4985.9	4367.2	3691.6	3043.8	2495.2	2122.7	1767.8
20°	8403.1	7593.1	6803.4	6186.6	5537.0	4831.3	4079.9	3462.3	2924.7	2414.4	1969.6
17.5°	9557.5	8475.2	7749.7	7054.8	6210.9	5348.4	4696.1	4048.6	3386.7	2722.5	2181.2
15°	11121.2	10003.1	9171.9	8219.8	7060.8	6170.2	5452.9	4666.6	3882.6	3087.2	2433.1
12.5°	12980.4	11623.8	10644.7	9289.3	7984.9	7021.6	6210.3	5330.3	4367.2	3416.9	2667.4
10°	14150.3	12687.9	11293.7	9992.0	8801.6	7809.6	6790.8	5716.2	4644.9	3665.6	2870.1
7.5°	14771.8	13213.2	11774.2	10472.6	9258.1	8109.7	7024.6	5942.4	4868.3	3859.9	3041.4
5°	15184.9	13603.1	12100.4	10708.9	9467.1	8311.1	7199.3	6095.6	5036.3	4003.2	3181.4
2.5°	15489.5	13856.9	12309.6	10846.1	9583.6	8432.6	7310.3	6184.9	5124.1	4080.0	3230.3
0°	15640.4	13937.2	12386.3	10937.5	9637.6	8458.9	7352.9	6217.4	5144.2	4112.6	3250.6
-2.5°	15610.2	13886.4	12321.0	10934.7	9641.2	8434.4	7358.7	6234.9	5149.8	4137.0	3265.0
-5°	15449.6	13799.8	12246.2	10858.0	9584.1	8376.2	7300.9	6196.8	5109.4	4117.6	3251.3
-7.5°	15124.3	13539.8	12032.8	10682.1	9437.3	8256.2	7183.8	6103.3	5027.6	4050.5	3210.7
-10°	14635.3	13124.4	11691.0	10413.0	9200.1	8059.9	7010.1	5945.1	4892.6	3940.1	3140.4
-12.5°	14030.0	12603.4	11236.7	10047.1	8889.2	7800.3	6774.8	5722.2	4704.9	3786.9	3040.2
-15°	13290.1	12009.7	10773.9	9620.2	8525.2	7470.8	6469.2	5444.7	4466.2	3589.6	2910.1
-17.5°	12539.7	11351.3	10191.8	9097.1	8082.0	7080.7	6109.3	5136.1	4199.9	3376.9	2757.8
-20°	11704.5	10606.9	9534.5	8541.4	7595.1	6644.0	5707.9	4772.0	3894.9	3177.8	2622.9



REPORT NUMBER: P627292 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-740-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10798.0	9817.7	8846.7	7951.2	7065.6	6153.9	5258.0	4374.5	3542.4	2954.4	2469.9
-25°	9880.1	8989.7	8119.6	7295.3	6465.0	5604.2	4776.4	3969.8	3281.8	2743.6	2304.9
-27.5°	8958.6	8152.4	7349.5	6587.6	5806.0	5047.5	4291.0	3559.9	2999.6	2542.0	2151.0
-30°	8047.7	7319.3	6584.6	5857.1	5149.8	4457.1	3780.9	3227.1	2740.0	2326.5	1978.8
-32.5°	7109.3	6475.7	5806.2	5124.3	4482.2	3870.7	3356.9	2890.2	2469.2	2128.1	1825.6
-35°	6196.7	5613.9	4997.8	4411.9	3843.6	3385.6	2950.5	2568.8	2232.2	1930.1	1672.9
-37.5°	5264.9	4738.8	4229.6	3738.4	3332.6	2945.3	2601.2	2289.6	1998.7	1758.4	1536.9
-40°	4387.0	3929.0	3563.1	3201.6	2880.0	2570.5	2298.9	2031.1	1806.5	1595.0	1404.3
-42.5°	3635.4	3313.9	3019.8	2747.2	2483.3	2254.8	2025.5	1817.1	1621.1	1443.9	1285.5
-45°	3027.6	2798.0	2558.9	2358.6	2154.9	1972.7	1789.5	1617.9	1453.2	1308.6	1168.1
-47.5°	2546.5	2375.6	2195.4	2034.7	1882.2	1726.0	1583.2	1435.3	1307.6	1178.8	1061.7
-50°	2153.7	2027.3	1895.5	1765.5	1645.7	1518.2	1399.8	1283.4	1171.0	1064.2	957.6
-52.5°	1829.9	1738.4	1640.9	1537.5	1442.0	1342.7	1239.3	1145.7	1048.9	954.8	861.5
-55°	1573.2	1500.3	1426.4	1348.2	1268.6	1187.2	1102.7	1018.6	935.2	849.5	779.1
-57.5°	1362.4	1301.0	1242.3	1180.2	1115.2	1046.3	974.4	899.2	831.0	766.2	702.3
-60°	1177.7	1126.0	1079.1	1029.1	976.0	916.3	857.6	798.5	739.4	683.1	628.3
-62.5°	1010.9	974.2	931.9	889.3	847.3	803.3	750.6	698.5	648.4	600.1	554.9
-65°	849.2	817.9	785.1	754.6	720.9	683.4	638.7	598.1	558.7	519.0	481.6
-67.5°	706.0	681.9	655.6	628.4	601.6	571.6	538.7	504.9	473.4	440.8	412.9
-70°	588.0	570.5	550.1	525.8	501.5	476.9	451.8	425.2	396.5	367.4	344.9
-72.5°	489.8	476.9	460.9	440.8	419.3	397.7	375.5	351.9	326.6	299.5	278.0
-75°	404.4	394.9	382.7	364.9	345.9	325.8	306.2	284.7	260.1	232.3	210.5
-77.5°	325.0	318.9	311.1	296.5	281.7	266.7	249.5	224.4	199.5	175.8	159.7
-80°	243.7	241.0	236.4	224.1	211.7	199.0	185.1	166.0	147.8	130.8	117.6
-82.5°	160.7	157.8	153.9	146.5	139.2	132.3	125.1	112.2	99.6	87.3	76.6
-85°	81.4	79.1	76.6	75.4	74.0	72.3	70.1	62.7	55.6	48.9	43.0
-87.5°	23.6	23.6	23.6	23.8	24.0	24.1	24.1	22.3	20.5	18.8	17.1
-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: P627292 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-740-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.1	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.5
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.4	1.3	1.2	1.0
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
72.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
70°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.9	1.7	1.7	1.7
67.5°	1.7	1.7	1.7	1.8	1.7	1.7	1.7	2.1	2.2	1.7	1.7
65°	1.7	1.7	1.8	2.5	2.3	1.7	1.7	3.3	2.8	2.5	1.7
62.5°	3.4	1.7	4.5	6.0	3.8	3.1	2.5	7.2	4.6	3.3	2.3
60°	7.8	6.4	12.1	18.4	13.3	5.2	7.5	12.4	11.4	4.2	3.3
57.5°	40.1	18.3	27.0	35.2	33.5	18.8	15.3	21.2	19.3	11.3	4.5
55°	83.1	70.7	56.2	55.9	56.6	44.8	31.8	32.9	29.1	20.7	6.6
52.5°	126.3	122.5	109.0	88.8	81.6	73.7	60.3	46.6	43.2	30.9	16.3
50°	180.1	170.3	159.6	138.9	112.6	102.3	88.5	71.1	58.8	43.1	26.9
47.5°	241.6	224.5	208.4	188.4	159.6	132.5	117.0	96.5	76.0	59.3	37.7
45°	337.5	281.9	260.2	236.9	207.3	173.4	146.8	121.6	98.5	75.5	48.5
42.5°	436.1	358.6	313.2	287.1	256.0	217.8	177.7	149.4	120.7	91.6	61.3
40°	535.3	439.4	370.5	337.9	306.4	262.1	217.1	178.4	142.3	108.4	75.3
37.5°	642.6	529.8	436.7	390.8	357.6	309.7	257.1	208.1	164.6	126.6	89.1
35°	776.0	637.1	508.7	452.0	407.4	358.3	296.6	240.4	191.2	144.8	102.7
32.5°	926.0	755.4	611.9	518.7	458.0	407.8	338.8	276.7	218.5	163.1	116.1
30°	1075.1	877.2	709.7	584.8	511.9	454.2	383.8	313.3	246.4	181.3	129.7
27.5°	1189.0	982.2	801.4	664.2	571.4	500.3	428.5	350.0	274.7	201.3	144.6
25°	1305.4	1079.6	890.2	741.9	629.8	547.4	471.6	386.8	304.9	224.5	159.2
22.5°	1441.3	1172.1	965.2	812.1	691.7	595.2	512.7	424.0	335.4	247.3	173.3
20°	1574.2	1257.3	1034.2	894.1	759.2	648.5	553.0	459.5	365.3	269.8	187.0
17.5°	1710.5	1377.0	1148.7	978.9	829.0	701.2	592.8	493.2	394.3	291.7	200.1
15°	1915.8	1537.1	1264.3	1062.7	896.5	752.8	631.8	524.9	422.3	312.9	211.8
12.5°	2109.3	1687.8	1376.3	1144.5	961.2	802.9	669.6	554.6	448.9	330.4	221.6
10°	2280.4	1828.0	1483.6	1223.5	1022.7	851.0	705.9	577.9	464.7	344.4	230.3
7.5°	2429.2	1956.7	1584.8	1298.7	1075.2	883.5	724.3	590.1	476.7	356.7	238.0
5°	2543.1	2044.2	1640.5	1328.7	1094.9	898.4	737.5	600.0	486.3	367.2	244.5
2.5°	2580.8	2073.4	1662.5	1345.6	1109.3	909.1	747.7	607.5	493.5	375.8	250.0
0°	2598.1	2087.5	1673.8	1355.3	1118.2	915.6	754.7	612.7	498.5	382.5	254.4
-2.5°	2617.2	2106.7	1689.7	1370.4	1127.5	924.6	762.1	620.8	505.7	390.0	261.7
-5°	2615.8	2110.3	1694.8	1377.7	1131.1	929.4	766.4	626.6	510.9	395.5	267.9
-7.5°	2588.2	2093.9	1688.3	1376.2	1129.1	929.9	767.5	630.0	514.1	399.0	272.7
-10°	2538.7	2059.9	1669.3	1363.7	1121.6	925.8	765.6	631.0	515.4	400.4	276.1
-12.5°	2469.1	2011.6	1638.7	1343.4	1108.3	917.2	760.0	628.1	514.6	400.0	278.1
-15°	2379.5	1949.4	1596.4	1315.1	1089.0	904.3	751.1	622.0	510.1	397.1	278.5
-17.5°	2271.3	1873.8	1542.5	1279.1	1063.8	887.2	738.7	613.6	504.0	391.9	277.9
-20°	2170.9	1794.2	1480.3	1235.5	1032.6	865.9	722.9	602.8	496.4	385.5	276.6

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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°	2058.6	1711.6	1425.1	1193.6	999.5	840.5	703.7	589.7	487.4	377.9	274.2
-25°	1930.1	1618.0	1362.1	1147.1	967.4	816.1	684.1	574.4	477.0	369.2	270.5
-27.5°	1809.3	1521.4	1291.5	1093.3	930.3	788.2	664.6	560.2	465.0	359.6	265.7
-30°	1686.1	1437.2	1223.8	1037.0	889.3	756.9	642.7	545.0	451.5	351.1	259.8
-32.5°	1560.9	1345.5	1151.2	988.3	849.7	723.4	618.8	528.6	437.4	342.7	254.9
-35°	1453.2	1255.3	1073.4	935.8	809.1	694.7	595.0	511.3	422.8	333.2	249.6
-37.5°	1338.6	1163.8	1012.7	883.7	765.5	663.5	572.1	490.9	407.8	322.7	243.2
-40°	1236.0	1078.4	947.5	833.4	726.3	629.8	546.6	469.1	393.9	311.0	235.7
-42.5°	1131.5	1000.8	883.9	779.2	686.8	598.8	518.9	445.9	375.7	300.2	227.1
-45°	1040.1	921.4	818.0	729.9	645.7	565.2	491.7	421.7	356.3	289.1	218.1
-47.5°	945.5	844.7	756.6	678.5	605.1	530.2	463.1	399.4	336.2	276.7	208.9
-50°	857.3	772.2	698.8	628.9	560.4	497.4	434.5	376.4	317.9	260.4	198.6
-52.5°	778.8	707.9	642.6	579.0	520.2	463.3	408.8	353.0	298.8	244.3	187.2
-55°	709.5	646.3	587.5	532.5	479.8	432.8	382.6	331.0	278.9	227.6	175.0
-57.5°	643.2	586.2	536.3	487.3	442.4	401.5	357.0	308.2	258.8	210.0	164.2
-60°	576.4	530.6	486.2	445.1	406.2	369.1	331.3	284.7	238.0	192.0	151.1
-62.5°	512.5	474.1	439.9	403.7	368.1	335.4	304.8	260.4	216.3	174.2	136.6
-65°	449.7	420.3	392.7	358.7	327.8	300.5	275.1	235.3	193.5	155.3	121.4
-67.5°	387.6	363.3	338.6	311.1	288.1	265.9	243.4	207.3	169.4	135.3	106.1
-70°	324.8	304.3	286.7	269.2	250.1	230.5	208.0	177.3	144.1	116.3	90.2
-72.5°	263.4	250.8	240.3	227.9	211.8	193.2	172.1	147.0	121.2	96.8	73.8
-75°	202.8	200.2	197.1	189.1	173.6	156.2	139.2	119.9	97.8	76.8	60.2
-77.5°	159.8	158.7	156.5	150.9	137.4	123.2	108.4	92.2	75.4	61.0	47.3
-80°	118.3	118.2	117.1	113.7	102.1	90.1	79.8	69.5	57.1	45.4	34.1
-82.5°	77.7	78.9	79.4	78.4	70.5	62.9	55.4	48.1	38.6	29.5	22.8
-85°	44.4	45.2	45.4	44.9	40.1	35.4	32.3	29.1	24.1	19.4	15.3
-87.5°	18.4	19.5	20.3	20.8	19.3	17.7	16.2	14.6	12.1	9.8	7.7
-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-SA3E-740-U-WR-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°	0.4	0.4	0.3	0.2	0.1	0.1	0.0
85°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
82.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
80°	1.7	1.5	1.2	0.9	0.6	0.3	0.0
77.5°	1.7	1.7	1.5	1.1	0.7	0.4	0.0
75°	1.7	1.7	1.7	1.3	0.9	0.4	0.0
72.5°	1.7	1.7	1.7	1.5	1.0	0.5	0.0
70°	1.7	1.7	1.7	1.7	1.2	0.6	0.0
67.5°	1.9	1.7	1.7	1.7	1.3	0.7	0.0
65°	2.1	1.9	1.7	1.7	1.4	0.7	0.0
62.5°	2.3	2.3	1.7	1.7	1.6	0.8	0.0
60°	2.7	2.7	1.7	1.7	1.7	0.8	0.0
57.5°	4.7	3.2	2.2	1.7	1.7	0.9	0.0
55°	7.1	3.8	2.7	1.7	1.7	1.0	0.0
52.5°	10.0	4.8	3.3	1.7	1.8	1.0	0.0
50°	13.2	7.8	3.8	1.7	1.8	1.1	0.0
47.5°	17.6	11.0	4.4	1.8	1.9	1.1	0.0
45°	27.0	14.4	5.1	2.3	1.9	1.2	0.0
42.5°	36.3	18.0	5.7	2.8	2.0	1.3	0.0
40°	45.6	21.8	7.5	3.4	2.0	1.3	0.0
37.5°	54.8	25.7	10.5	4.1	2.1	1.3	0.0
35°	63.9	32.0	13.5	5.0	2.2	1.4	0.0
32.5°	73.6	39.2	16.5	5.8	2.3	1.4	0.0
30°	84.4	46.2	19.6	6.8	2.4	1.5	0.0
27.5°	94.9	53.1	23.1	7.7	2.4	1.5	0.0
25°	105.1	59.7	26.6	8.8	2.5	1.5	0.0
22.5°	114.8	66.1	30.0	9.8	2.6	1.6	0.0
20°	124.0	72.3	33.2	10.9	2.7	1.6	0.0
17.5°	132.6	78.2	36.4	12.0	2.8	1.6	0.0
15°	140.4	83.6	39.4	13.1	2.9	1.6	0.0
12.5°	147.6	88.7	42.3	14.2	3.0	1.7	0.0
10°	154.2	93.4	45.0	15.2	3.1	1.7	0.0
7.5°	160.0	97.6	47.5	16.3	3.2	1.7	0.0
5°	165.1	101.3	49.8	17.2	3.3	1.7	0.0
2.5°	169.5	104.5	51.9	18.2	3.4	1.7	0.0
0°	173.1	107.3	53.7	19.0	3.5	1.7	0.0
-2.5°	177.8	110.7	56.2	20.2	4.0	1.8	0.0
-5°	181.7	113.5	58.3	21.3	4.5	1.9	0.0
-7.5°	184.8	115.8	60.2	22.3	5.0	2.0	0.0
-10°	187.0	117.6	61.7	23.2	5.5	2.1	0.0
-12.5°	188.3	118.7	62.8	24.0	6.0	2.2	0.0
-15°	188.7	119.2	63.5	24.6	6.4	2.3	0.0
-17.5°	188.2	119.2	63.9	25.1	6.8	2.4	0.0
-20°	187.6	118.5	63.8	25.4	7.1	2.4	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	187.7	117.2	63.3	25.5	7.5	2.5	0.0
-25°	186.9	116.8	62.3	25.5	7.7	2.5	0.0
-27.5°	185.1	116.3	60.9	25.4	8.0	2.6	0.0
-30°	182.4	115.0	59.1	25.0	8.2	2.6	0.0
-32.5°	178.7	113.1	58.4	24.5	8.3	2.6	0.0
-35°	175.2	110.3	57.2	23.8	8.4	2.6	0.0
-37.5°	171.2	107.4	55.4	22.9	8.4	2.6	0.0
-40°	166.3	104.8	53.2	21.8	8.4	2.6	0.0
-42.5°	160.4	101.5	51.6	20.8	8.3	2.5	0.0
-45°	153.6	97.5	50.6	20.0	8.1	2.5	0.0
-47.5°	145.8	92.9	49.1	18.9	8.0	2.4	0.0
-50°	139.0	87.7	47.0	18.6	7.7	2.4	0.0
-52.5°	131.7	81.8	44.5	18.3	7.4	2.3	0.0
-55°	123.6	77.0	41.4	17.8	7.1	2.2	0.0
-57.5°	114.7	71.8	37.8	17.1	6.7	2.1	0.0
-60°	105.2	65.8	33.9	16.2	6.2	2.0	0.0
-62.5°	96.0	59.2	31.6	15.0	5.8	1.8	0.0
-65°	85.9	52.0	28.9	13.7	5.4	1.7	0.0
-67.5°	74.9	45.5	25.8	12.2	5.0	1.6	0.0
-70°	63.1	39.9	22.4	10.5	4.5	1.4	0.0
-72.5°	53.7	33.8	18.8	9.2	4.0	1.3	0.0
-75°	44.1	27.4	14.9	8.1	3.5	1.1	0.0
-77.5°	34.0	20.6	12.4	6.8	2.9	0.9	0.0
-80°	23.5	15.8	10.0	5.5	2.4	0.7	0.0
-82.5°	17.3	11.9	7.6	4.2	1.8	0.6	0.0
-85°	11.6	8.0	5.1	2.8	1.2	0.4	0.0
-87.5°	5.8	4.0	2.5	1.4	0.6	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)