

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: P627643 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-735-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627643 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5C-735-U-WR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N121  
Light Source: (80) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

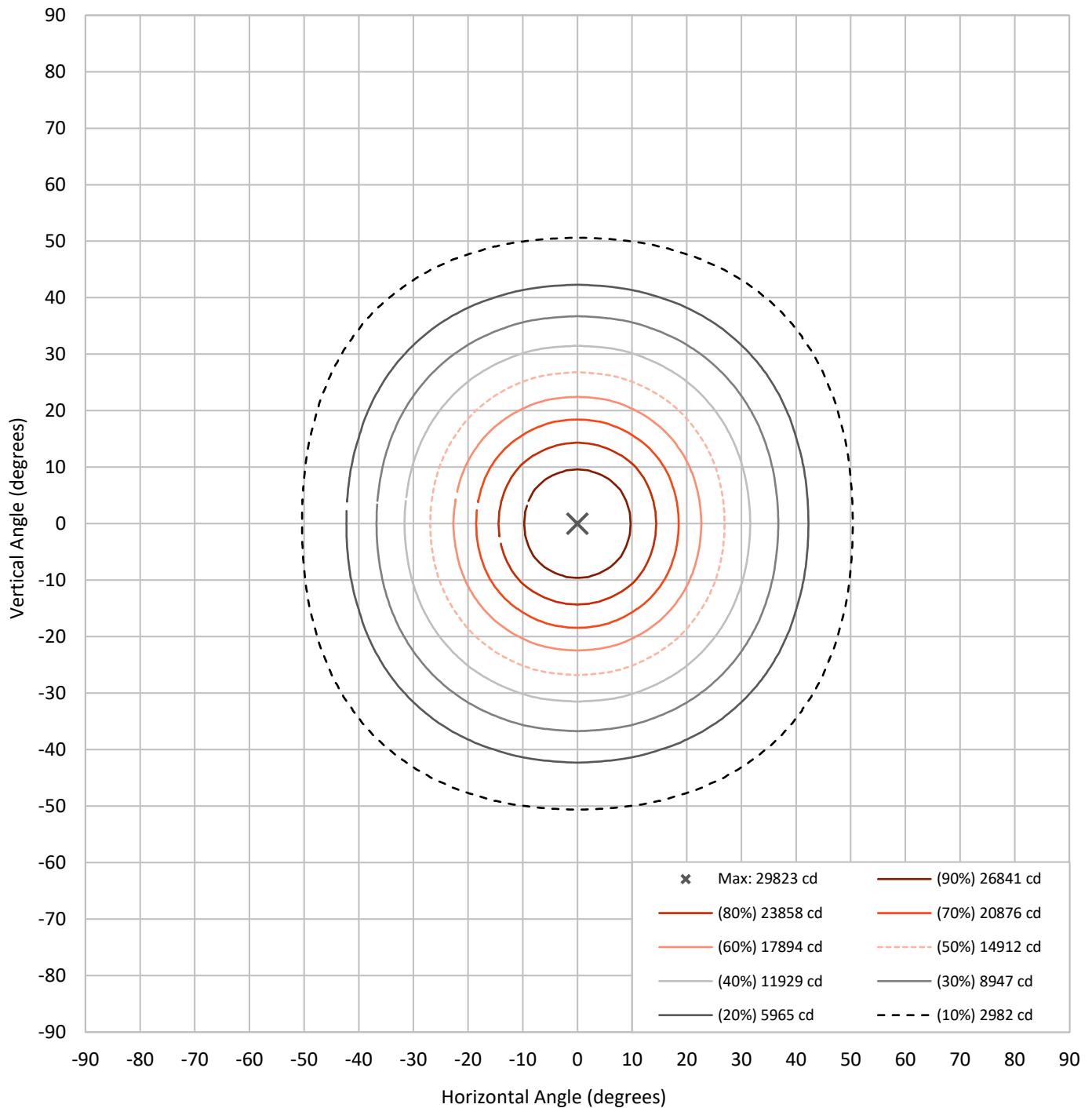
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	30352.8 lumens	Max Intensity:	29823 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	147.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' 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:	14512.9 lumens	Field Lumens:	26787.4 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	206.1		
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





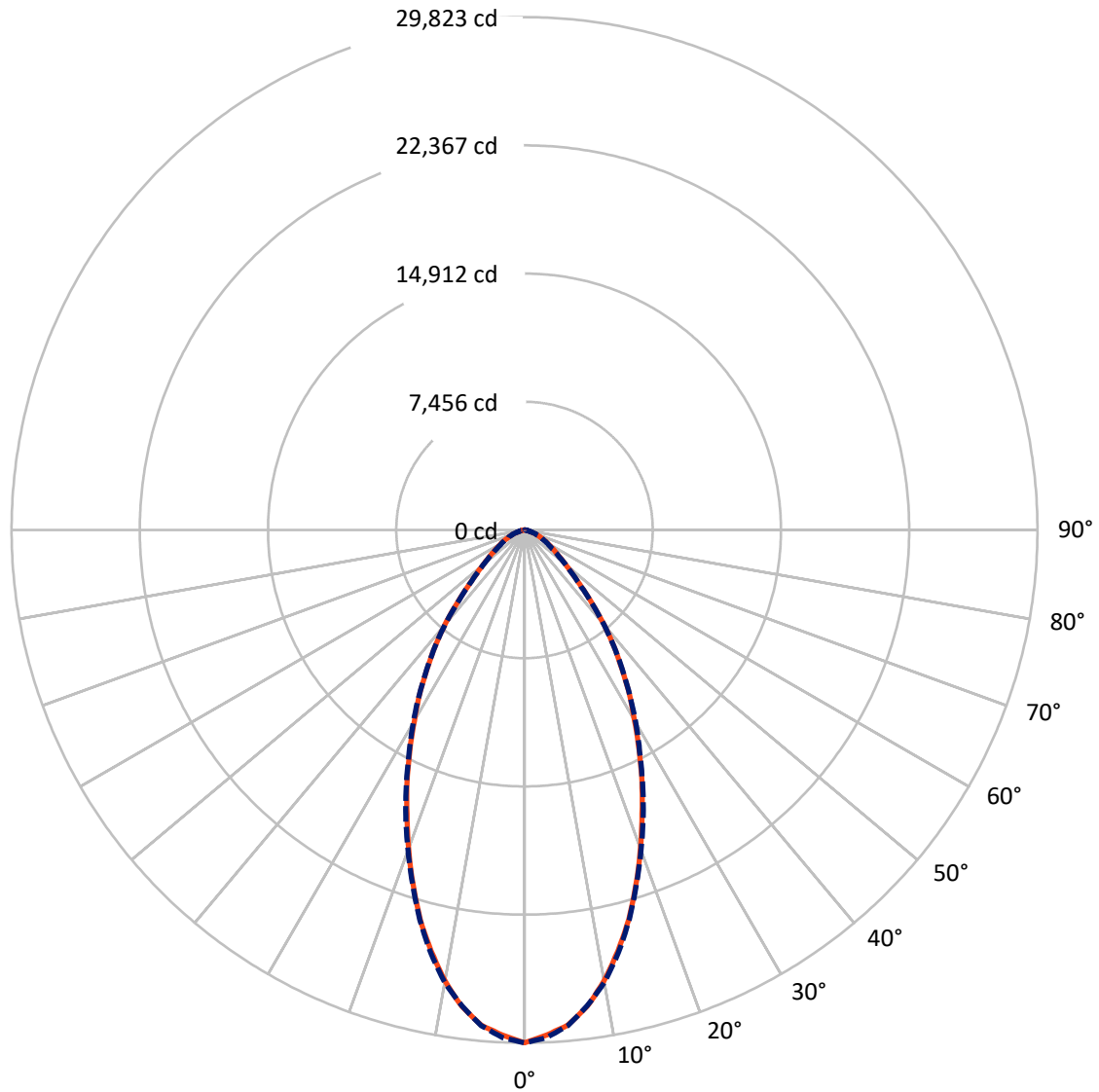
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### Lumen Table

90																			
80	1.2	8.4		19.1		31.8		27.2		31.8		19.1		8.4		1.2			
70																			
60	3.9	4.6	8.7	13.9	20.2	26.3	30.8	33.0	33.0	30.8	26.3	20.2	13.9	8.7	4.6	3.9			
50		6.5	13.2	22.8	34.9	48.1	60.0	66.8	66.8	60.0	48.1	34.9	22.8	13.2	6.5				
40	5.8	8.4	18.2	34.0	57.3	88.1	121.5	143.7	143.7	121.5	88.1	57.3	34.0	18.2	8.4	5.8			
30		10.2	23.8	49.4	96.2	170.8	248.2	294.4	294.4	248.2	170.8	96.2	49.4	23.8	10.2				
20	6.9	11.9	29.7	69.2	155.5	279.6	400.0	478.2	478.2	400.0	279.6	155.5	69.2	29.7	11.9	6.9			
10		13.2	34.8	89.7	212.3	377.5	557.3	685.6	685.6	557.3	377.5	212.3	89.7	34.8	13.2				
0	7.2	13.9	37.7	103.0	244.4	438.9	667.8	839.9	839.9	667.8	438.9	244.4	103.0	37.7	13.9	7.2			
-10		13.9	37.7	103.0	244.4	438.9	667.8	839.9	839.9	667.8	438.9	244.4	103.0	37.7	13.9				
-20	6.9	13.2	34.8	89.7	212.3	377.5	557.3	685.6	685.6	557.3	377.5	212.3	89.7	34.8	13.2	6.9			
-30		11.9	29.7	69.2	155.5	279.6	400.0	478.2	478.2	400.0	279.6	155.5	69.2	29.7	11.9				
-40	5.8	10.2	23.8	49.4	96.2	170.8	248.2	294.4	294.4	248.2	170.8	96.2	49.4	23.8	10.2	5.8			
-50		8.4	18.2	34.0	57.3	88.1	121.5	143.7	143.7	121.5	88.1	57.3	34.0	18.2	8.4				
-60	3.9	6.5	13.2	22.8	34.9	48.1	60.0	66.8	66.8	60.0	48.1	34.9	22.8	13.2	6.5	3.9			
-70		4.6	8.7	13.9	20.2	26.3	30.8	33.0	33.0	30.8	26.3	20.2	13.9	8.7	4.6				
-80																			
-90	1.2	8.4		19.1		31.8		27.2		31.8		19.1		8.4		1.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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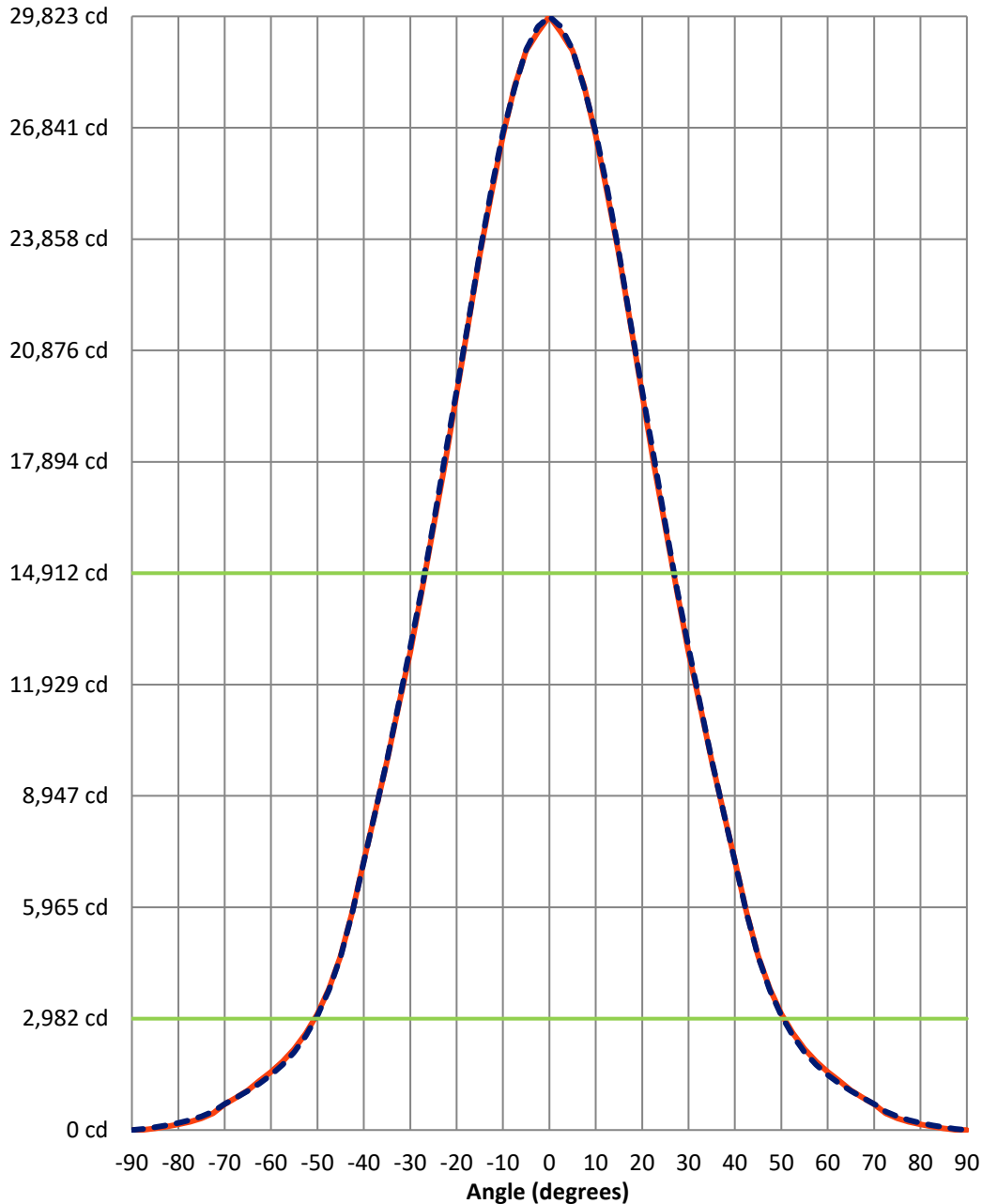
### Luminous Intensity Polar Plot



— 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: 14512.9  
 Efficiency: 47.8%

**Field:**  
 H Angle: 100.8°  
 V Angle: 101.2°  
 Lumens: 26787.4  
 Efficiency: 88.3%

**Spill:**  
 Lumens: 3565.4  
 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	1.5	3.5	5.7	8.2	11.1	14.2	15.7	16.9	18.0	18.7
85°	0.0	3.0	7.0	11.4	16.4	22.1	28.3	31.4	33.9	35.9	37.5
82.5°	0.0	4.5	10.4	17.0	24.6	33.0	42.3	47.1	51.9	60.2	67.4
80°	0.0	6.0	13.8	22.6	32.6	43.8	57.5	71.4	83.5	94.4	104.0
77.5°	0.0	7.5	17.2	28.1	40.5	57.0	82.0	100.1	115.1	128.6	142.1
75°	0.0	8.9	20.5	33.6	49.1	74.5	105.9	128.7	146.7	165.1	184.8
72.5°	0.0	10.4	23.7	38.9	60.8	91.5	129.0	156.7	178.5	201.9	226.8
70°	0.0	11.8	26.9	44.4	72.2	107.8	150.9	183.2	209.6	238.0	271.3
67.5°	0.0	13.1	30.0	51.3	83.0	123.4	169.9	209.1	240.2	275.4	315.3
65°	0.0	14.5	32.9	57.9	93.3	137.7	188.0	234.5	270.3	311.4	357.0
62.5°	0.0	15.8	35.8	64.2	103.0	150.8	205.1	258.5	299.3	345.9	395.8
60°	0.0	17.0	38.6	70.1	112.1	163.1	221.1	281.3	326.8	379.3	433.4
57.5°	0.0	18.2	41.9	75.6	120.5	174.5	235.6	301.8	354.8	411.6	468.0
55°	0.0	19.4	45.1	80.7	128.4	185.0	248.9	318.1	382.1	442.6	501.1
52.5°	0.0	20.5	48.2	85.3	135.6	194.7	261.1	335.9	408.3	472.0	533.6
50°	0.0	21.5	51.2	89.5	142.1	203.6	272.2	352.7	433.6	500.8	569.1
47.5°	0.0	22.5	54.0	93.4	148.0	211.6	282.5	367.9	458.5	528.7	604.0
45°	0.0	23.5	56.7	97.2	153.1	218.7	294.1	381.6	476.4	559.0	637.7
42.5°	0.0	24.4	59.3	100.5	157.6	224.8	304.4	395.0	492.8	588.1	672.7
40°	0.0	25.2	61.6	104.2	161.6	230.0	313.4	408.0	509.0	615.3	706.5
37.5°	0.0	25.9	63.8	108.0	165.1	234.3	321.2	419.7	526.8	636.7	738.6
35°	0.0	26.6	65.9	111.5	168.1	239.1	327.6	430.2	543.8	660.2	771.4
32.5°	0.0	27.3	67.8	114.6	170.3	243.6	333.5	439.4	560.0	684.1	805.0
30°	0.0	27.8	69.5	117.4	171.9	247.2	340.1	448.3	575.3	708.3	836.6
27.5°	0.0	28.3	71.0	120.0	175.5	249.7	345.4	459.4	591.3	732.5	866.2
25°	0.0	28.7	72.4	122.2	179.1	251.2	349.6	469.4	609.2	756.2	893.9
22.5°	0.0	29.1	73.5	124.0	182.2	253.2	352.5	478.1	626.3	778.0	924.1
20°	0.0	29.4	74.5	125.6	184.9	257.7	354.2	485.6	642.3	797.6	951.2
17.5°	0.0	29.6	75.3	126.8	187.1	261.5	358.2	491.5	657.1	814.8	975.0
15°	0.0	29.8	76.0	127.7	188.9	264.5	362.9	497.2	670.4	829.7	995.5
12.5°	0.0	29.9	76.4	128.3	190.2	266.6	366.4	502.3	681.6	842.1	1012.5
10°	0.0	29.9	76.7	128.5	191.1	268.0	368.5	505.1	690.4	852.5	1026.3
7.5°	0.0	29.9	76.7	128.5	191.4	268.5	369.4	505.7	696.5	860.5	1037.1
5°	0.0	29.8	76.6	128.1	191.3	268.3	369.0	504.2	699.9	865.9	1044.2
2.5°	0.0	29.7	76.4	127.5	190.8	267.3	367.4	500.7	700.3	868.6	1047.7
0°	0.0	29.5	75.9	126.5	189.7	265.6	364.6	495.3	697.7	868.4	1047.6
-2.5°	0.0	29.7	76.4	127.5	190.8	267.3	367.4	500.7	700.3	868.6	1047.7
-5°	0.0	29.8	76.6	128.1	191.3	268.3	369.0	504.2	699.9	865.9	1044.2
-7.5°	0.0	29.9	76.7	128.5	191.4	268.5	369.4	505.7	696.5	860.5	1037.1
-10°	0.0	29.9	76.7	128.5	191.1	268.0	368.5	505.1	690.4	852.5	1026.3
-12.5°	0.0	29.9	76.4	128.3	190.2	266.6	366.4	502.3	681.6	842.1	1012.5
-15°	0.0	29.8	76.0	127.7	188.9	264.5	362.9	497.2	670.4	829.7	995.5
-17.5°	0.0	29.6	75.3	126.8	187.1	261.5	358.2	491.5	657.1	814.8	975.0
-20°	0.0	29.4	74.5	125.6	184.9	257.7	354.2	485.6	642.3	797.6	951.2

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA5C-735-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	29.1	73.5	124.0	182.2	253.2	352.5	478.1	626.3	778.0	924.1
-25°	0.0	28.7	72.4	122.2	179.1	251.2	349.6	469.4	609.2	756.2	893.9
-27.5°	0.0	28.3	71.0	120.0	175.5	249.7	345.4	459.4	591.3	732.5	866.2
-30°	0.0	27.8	69.5	117.4	171.9	247.2	340.1	448.3	575.3	708.3	836.6
-32.5°	0.0	27.3	67.8	114.6	170.3	243.6	333.5	439.4	560.0	684.1	805.0
-35°	0.0	26.6	65.9	111.5	168.1	239.1	327.6	430.2	543.8	660.2	771.4
-37.5°	0.0	25.9	63.8	108.0	165.1	234.3	321.2	419.7	526.8	636.7	738.6
-40°	0.0	25.2	61.6	104.2	161.6	230.0	313.4	408.0	509.0	615.3	706.5
-42.5°	0.0	24.4	59.3	100.5	157.6	224.8	304.4	395.0	492.8	588.1	672.7
-45°	0.0	23.5	56.7	97.2	153.1	218.7	294.1	381.6	476.4	559.0	637.7
-47.5°	0.0	22.5	54.0	93.4	148.0	211.6	282.5	367.9	458.5	528.7	604.0
-50°	0.0	21.5	51.2	89.5	142.1	203.6	272.2	352.7	433.6	500.8	569.1
-52.5°	0.0	20.5	48.2	85.3	135.6	194.7	261.1	335.9	408.3	472.0	533.6
-55°	0.0	19.4	45.1	80.7	128.4	185.0	248.9	318.1	382.1	442.6	501.1
-57.5°	0.0	18.2	41.9	75.6	120.5	174.5	235.6	301.8	354.8	411.6	468.0
-60°	0.0	17.0	38.6	70.1	112.1	163.1	221.1	281.3	326.8	379.3	433.4
-62.5°	0.0	15.8	35.8	64.2	103.0	150.8	205.1	258.5	299.3	345.9	395.8
-65°	0.0	14.5	32.9	57.9	93.3	137.7	188.0	234.5	270.3	311.4	357.0
-67.5°	0.0	13.1	30.0	51.3	83.0	123.4	169.9	209.1	240.2	275.4	315.3
-70°	0.0	11.8	26.9	44.4	72.2	107.8	150.9	183.2	209.6	238.0	271.3
-72.5°	0.0	10.4	23.7	38.9	60.8	91.5	129.0	156.7	178.5	201.9	226.8
-75°	0.0	8.9	20.5	33.6	49.1	74.5	105.9	128.7	146.7	165.1	184.8
-77.5°	0.0	7.5	17.2	28.1	40.5	57.0	82.0	100.1	115.1	128.6	142.1
-80°	0.0	6.0	13.8	22.6	32.6	43.8	57.5	71.4	83.5	94.4	104.0
-82.5°	0.0	4.5	10.4	17.0	24.6	33.0	42.3	47.1	51.9	60.2	67.4
-85°	0.0	3.0	7.0	11.4	16.4	22.1	28.3	31.4	33.9	35.9	37.5
-87.5°	0.0	1.5	3.5	5.7	8.2	11.1	14.2	15.7	16.9	18.0	18.7
-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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**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°	19.0	19.0	18.7	18.1	17.3	16.3	15.0	13.5	14.0	14.6	15.1
85°	38.0	38.0	41.1	44.1	45.4	45.6	44.7	42.8	48.3	54.7	61.5
82.5°	74.2	80.6	86.7	92.4	93.0	91.5	88.7	85.4	96.7	110.4	124.6
80°	113.7	123.2	134.2	144.4	146.8	145.7	142.6	137.4	152.2	173.3	196.0
77.5°	157.9	172.9	187.0	199.9	203.6	203.1	200.7	196.5	215.4	244.5	274.8
75°	204.4	222.7	240.8	256.6	263.4	264.0	263.2	267.7	292.5	326.6	356.7
72.5°	252.9	276.1	296.5	314.0	324.9	333.3	344.3	357.8	382.9	416.4	445.9
70°	304.2	330.0	351.5	370.8	387.6	405.7	429.1	452.2	478.7	512.1	542.8
67.5°	354.8	380.9	405.2	429.0	459.5	488.6	517.7	547.9	581.3	616.4	647.4
65°	401.7	431.2	460.8	495.4	535.1	568.1	603.9	643.2	687.0	726.5	762.4
62.5°	446.7	480.0	516.6	558.5	601.4	642.8	690.8	741.3	792.4	842.0	891.1
60°	484.7	526.1	570.6	617.9	667.4	723.7	780.0	840.2	901.2	960.9	1021.7
57.5°	521.2	572.5	623.7	678.8	740.5	804.9	872.6	940.2	1013.3	1085.4	1154.4
55°	559.1	619.5	677.9	743.1	813.9	889.5	965.9	1048.0	1128.6	1219.5	1303.3
52.5°	599.6	665.4	734.0	808.6	891.2	976.6	1066.1	1160.2	1260.6	1361.5	1464.0
50°	639.1	713.3	789.6	878.9	971.3	1068.8	1172.2	1281.8	1398.7	1515.6	1639.6
47.5°	680.4	759.6	852.8	949.8	1055.6	1166.6	1283.7	1414.0	1543.9	1691.2	1833.3
45°	721.2	812.2	913.4	1026.1	1142.3	1267.2	1406.5	1549.6	1715.5	1881.7	2068.6
42.5°	760.4	865.3	979.5	1100.0	1232.1	1375.7	1529.8	1709.9	1896.9	2102.7	2321.9
40°	805.4	916.0	1044.6	1179.3	1322.5	1486.7	1672.1	1872.1	2100.1	2343.9	2593.0
37.5°	848.9	973.3	1108.9	1255.0	1421.2	1606.1	1810.9	2055.9	2319.0	2596.2	2935.1
35°	889.8	1027.8	1175.1	1335.1	1515.2	1729.5	1974.3	2245.1	2548.3	2905.8	3301.2
32.5°	933.2	1079.3	1237.6	1417.1	1620.9	1855.0	2133.1	2451.8	2810.6	3217.8	3712.5
30°	977.0	1132.4	1299.6	1493.9	1720.7	1991.6	2307.6	2659.8	3072.6	3583.2	4164.1
27.5°	1017.4	1182.0	1365.2	1575.3	1817.7	2117.4	2475.1	2888.1	3374.4	3951.5	4629.9
25°	1054.6	1227.2	1425.4	1652.8	1924.6	2253.4	2641.2	3098.5	3676.4	4364.5	5199.2
22.5°	1090.1	1268.4	1479.9	1722.5	2020.9	2385.0	2821.5	3344.8	3983.5	4755.8	5756.8
20°	1123.3	1312.9	1534.0	1789.2	2107.0	2503.7	2987.2	3574.6	4301.5	5215.7	6303.6
17.5°	1152.5	1352.1	1585.2	1861.2	2203.0	2624.5	3143.5	3777.5	4584.6	5626.5	6808.1
15°	1177.6	1385.9	1629.5	1923.6	2289.4	2744.5	3307.6	4000.1	4879.8	6000.0	7251.1
12.5°	1198.6	1414.3	1666.7	1976.1	2362.0	2846.0	3447.7	4198.4	5167.4	6351.8	7640.0
10°	1215.2	1437.0	1696.6	2018.6	2420.6	2928.4	3563.1	4360.7	5406.7	6653.4	7969.1
7.5°	1229.1	1454.7	1719.6	2050.7	2464.9	2991.3	3653.0	4485.9	5593.7	6892.3	8221.5
5°	1239.0	1467.5	1737.0	2073.2	2497.4	3035.2	3715.8	4573.4	5726.7	7065.3	8394.2
2.5°	1244.6	1474.3	1747.0	2085.2	2517.4	3060.0	3748.8	4628.4	5799.9	7164.1	8498.6
0°	1245.7	1475.4	1749.5	2086.7	2523.0	3064.7	3754.0	4645.5	5815.4	7189.6	8536.5
-2.5°	1244.6	1474.3	1747.0	2085.2	2517.4	3060.0	3748.8	4628.4	5799.9	7164.1	8498.6
-5°	1239.0	1467.5	1737.0	2073.2	2497.4	3035.2	3715.8	4573.4	5726.7	7065.3	8394.2
-7.5°	1229.1	1454.7	1719.6	2050.7	2464.9	2991.3	3653.0	4485.9	5593.7	6892.3	8221.5
-10°	1215.2	1437.0	1696.6	2018.6	2420.6	2928.4	3563.1	4360.7	5406.7	6653.4	7969.1
-12.5°	1198.6	1414.3	1666.7	1976.1	2362.0	2846.0	3447.7	4198.4	5167.4	6351.8	7640.0
-15°	1177.6	1385.9	1629.5	1923.6	2289.4	2744.5	3307.6	4000.1	4879.8	6000.0	7251.1
-17.5°	1152.5	1352.1	1585.2	1861.2	2203.0	2624.5	3143.5	3777.5	4584.6	5626.5	6808.1
-20°	1123.3	1312.9	1534.0	1789.2	2107.0	2503.7	2987.2	3574.6	4301.5	5215.7	6303.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627643 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-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°	1090.1	1268.4	1479.9	1722.5	2020.9	2385.0	2821.5	3344.8	3983.5	4755.8	5756.8
-25°	1054.6	1227.2	1425.4	1652.8	1924.6	2253.4	2641.2	3098.5	3676.4	4364.5	5199.2
-27.5°	1017.4	1182.0	1365.2	1575.3	1817.7	2117.4	2475.1	2888.1	3374.4	3951.5	4629.9
-30°	977.0	1132.4	1299.6	1493.9	1720.7	1991.6	2307.6	2659.8	3072.6	3583.2	4164.1
-32.5°	933.2	1079.3	1237.6	1417.1	1620.9	1855.0	2133.1	2451.8	2810.6	3217.8	3712.5
-35°	889.8	1027.8	1175.1	1335.1	1515.2	1729.5	1974.3	2245.1	2548.3	2905.8	3301.2
-37.5°	848.9	973.3	1108.9	1255.0	1421.2	1606.1	1810.9	2055.9	2319.0	2596.2	2935.1
-40°	805.4	916.0	1044.6	1179.3	1322.5	1486.7	1672.1	1872.1	2100.1	2343.9	2593.0
-42.5°	760.4	865.3	979.5	1100.0	1232.1	1375.7	1529.8	1709.9	1896.9	2102.7	2321.9
-45°	721.2	812.2	913.4	1026.1	1142.3	1267.2	1406.5	1549.6	1715.5	1881.7	2068.6
-47.5°	680.4	759.6	852.8	949.8	1055.6	1166.6	1283.7	1414.0	1543.9	1691.2	1833.3
-50°	639.1	713.3	789.6	878.9	971.3	1068.8	1172.2	1281.8	1398.7	1515.6	1639.6
-52.5°	599.6	665.4	734.0	808.6	891.2	976.6	1066.1	1160.2	1260.6	1361.5	1464.0
-55°	559.1	619.5	677.9	743.1	813.9	889.5	965.9	1048.0	1128.6	1219.5	1303.3
-57.5°	521.2	572.5	623.7	678.8	740.5	804.9	872.6	940.2	1013.3	1085.4	1154.4
-60°	484.7	526.1	570.6	617.9	667.4	723.7	780.0	840.2	901.2	960.9	1021.7
-62.5°	446.7	480.0	516.6	558.5	601.4	642.8	690.8	741.3	792.4	842.0	891.1
-65°	401.7	431.2	460.8	495.4	535.1	568.1	603.9	643.2	687.0	726.5	762.4
-67.5°	354.8	380.9	405.2	429.0	459.5	488.6	517.7	547.9	581.3	616.4	647.4
-70°	304.2	330.0	351.5	370.8	387.6	405.7	429.1	452.2	478.7	512.1	542.8
-72.5°	252.9	276.1	296.5	314.0	324.9	333.3	344.3	357.8	382.9	416.4	445.9
-75°	204.4	222.7	240.8	256.6	263.4	264.0	263.2	267.7	292.5	326.6	356.7
-77.5°	157.9	172.9	187.0	199.9	203.6	203.1	200.7	196.5	215.4	244.5	274.8
-80°	113.7	123.2	134.2	144.4	146.8	145.7	142.6	137.4	152.2	173.3	196.0
-82.5°	74.2	80.6	86.7	92.4	93.0	91.5	88.7	85.4	96.7	110.4	124.6
-85°	38.0	38.0	41.1	44.1	45.4	45.6	44.7	42.8	48.3	54.7	61.5
-87.5°	19.0	19.0	18.7	18.1	17.3	16.3	15.0	13.5	14.0	14.6	15.1
-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: P627643 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-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°	15.6	15.1	14.6	14.1	13.4	13.2	12.9	12.5	12.2	11.3	10.3
85°	68.6	70.1	70.9	71.4	71.3	73.6	75.8	77.7	79.4	72.0	63.8
82.5°	139.4	145.9	151.7	157.4	163.0	166.9	169.8	172.0	173.3	156.9	138.5
80°	219.4	233.1	244.5	255.4	265.8	268.4	268.3	266.9	264.0	241.6	216.1
77.5°	305.2	323.1	337.4	351.5	365.4	370.6	373.1	375.0	376.3	348.5	314.3
75°	382.9	404.4	424.3	442.9	459.9	469.1	474.4	478.8	482.2	454.3	417.6
72.5°	471.6	494.3	515.9	536.5	554.6	566.6	574.5	581.0	586.0	570.1	547.2
70°	569.1	592.6	615.4	636.8	657.3	673.5	686.2	697.2	706.3	708.0	707.2
67.5°	677.4	705.1	732.3	755.6	779.9	802.8	822.8	839.5	852.8	861.6	866.5
65°	798.9	840.6	877.7	909.2	935.5	965.9	992.8	1013.3	1027.8	1038.8	1048.2
62.5°	942.1	992.7	1035.1	1077.0	1120.3	1162.4	1188.6	1215.0	1240.8	1265.2	1286.0
60°	1079.9	1135.3	1192.8	1246.3	1295.9	1341.5	1388.7	1430.6	1467.2	1497.8	1520.7
57.5°	1226.8	1294.2	1359.6	1427.6	1491.6	1551.3	1609.6	1663.5	1710.0	1749.1	1781.1
55°	1386.2	1468.7	1546.4	1632.7	1716.4	1792.8	1863.0	1935.0	2000.0	2057.1	2102.4
52.5°	1558.1	1665.4	1768.3	1869.6	1978.1	2076.0	2163.6	2263.5	2352.0	2425.2	2482.2
50°	1763.3	1889.4	2025.2	2150.9	2287.7	2422.4	2546.6	2667.0	2784.7	2886.5	2968.8
47.5°	1997.0	2152.2	2320.4	2487.0	2656.8	2841.0	3005.4	3158.1	3322.7	3465.6	3580.2
45°	2256.7	2454.6	2657.8	2891.9	3107.6	3344.2	3563.3	3760.0	3993.4	4198.9	4364.5
42.5°	2544.9	2808.4	3075.6	3370.5	3656.7	3957.2	4276.3	4559.3	4868.9	5164.0	5402.5
40°	2902.0	3217.1	3574.9	3931.9	4342.7	4728.5	5193.4	5615.9	5999.6	6351.5	6639.8
37.5°	3298.9	3704.5	4154.1	4619.0	5181.1	5732.0	6276.2	6789.9	7243.5	7628.7	7951.7
35°	3749.5	4264.8	4809.4	5488.2	6146.7	6806.5	7421.1	7982.7	8476.1	8910.6	9280.1
32.5°	4267.8	4886.3	5648.6	6411.2	7162.3	7888.8	8563.6	9176.1	9717.1	10204.9	10629.9
30°	4812.6	5656.6	6512.2	7348.8	8169.1	8964.9	9705.5	10380.1	10991.5	11534.6	12024.1
27.5°	5505.1	6440.3	7373.3	8275.1	9177.7	10048.6	10851.2	11600.6	12302.1	12916.0	13475.5
25°	6174.8	7208.1	8199.8	9183.1	10165.6	11100.5	11998.1	12844.5	13647.9	14352.4	14977.1
22.5°	6844.5	7925.9	8985.7	10043.0	11098.3	12140.7	13148.5	14118.2	15016.8	15819.0	16522.1
20°	7464.7	8595.2	9728.5	10868.3	12012.3	13153.3	14285.1	15376.4	16377.4	17303.6	18117.5
17.5°	8020.7	9223.1	10424.6	11643.8	12883.9	14122.6	15379.9	16603.3	17747.7	18801.5	19745.7
15°	8513.1	9767.7	11058.1	12373.7	13705.4	15050.7	16422.6	17791.5	19079.6	20276.6	21330.7
12.5°	8943.6	10247.9	11600.5	12998.3	14443.6	15909.2	17406.5	18907.0	20333.0	21714.9	22853.0
10°	9298.8	10656.4	12070.1	13538.8	15063.0	16640.4	18246.7	19861.9	21433.0	22898.9	24200.5
7.5°	9573.2	10981.6	12438.3	13965.9	15565.0	17228.4	18930.0	20644.0	22320.7	23900.3	25340.4
5°	9766.7	11218.3	12693.4	14282.4	15937.0	17660.7	19429.3	21215.4	22968.2	24629.1	26121.6
2.5°	9879.0	11360.4	12841.8	14474.7	16158.2	17922.4	19738.9	21554.4	23353.4	25076.0	26609.7
0°	9908.7	11403.1	12927.0	14495.2	16227.8	18044.7	19796.3	21617.4	23487.0	25185.8	26714.0
-2.5°	9879.0	11360.4	12841.8	14474.7	16158.2	17922.4	19738.9	21554.4	23353.4	25076.0	26609.7
-5°	9766.7	11218.3	12693.4	14282.4	15937.0	17660.7	19429.3	21215.4	22968.2	24629.1	26121.6
-7.5°	9573.2	10981.6	12438.3	13965.9	15565.0	17228.4	18930.0	20644.0	22320.7	23900.3	25340.4
-10°	9298.8	10656.4	12070.1	13538.8	15063.0	16640.4	18246.7	19861.9	21433.0	22898.9	24200.5
-12.5°	8943.6	10247.9	11600.5	12998.3	14443.6	15909.2	17406.5	18907.0	20333.0	21714.9	22853.0
-15°	8513.1	9767.7	11058.1	12373.7	13705.4	15050.7	16422.6	17791.5	19079.6	20276.6	21330.7
-17.5°	8020.7	9223.1	10424.6	11643.8	12883.9	14122.6	15379.9	16603.3	17747.7	18801.5	19745.7
-20°	7464.7	8595.2	9728.5	10868.3	12012.3	13153.3	14285.1	15376.4	16377.4	17303.6	18117.5

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REPORT NUMBER: P627643 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6844.5	7925.9	8985.7	10043.0	11098.3	12140.7	13148.5	14118.2	15016.8	15819.0	16522.1
-25°	6174.8	7208.1	8199.8	9183.1	10165.6	11100.5	11998.1	12844.5	13647.9	14352.4	14977.1
-27.5°	5505.1	6440.3	7373.3	8275.1	9177.7	10048.6	10851.2	11600.6	12302.1	12916.0	13475.5
-30°	4812.6	5656.6	6512.2	7348.8	8169.1	8964.9	9705.5	10380.1	10991.5	11534.6	12024.1
-32.5°	4267.8	4886.3	5648.6	6411.2	7162.3	7888.8	8563.6	9176.1	9717.1	10204.9	10629.9
-35°	3749.5	4264.8	4809.4	5488.2	6146.7	6806.5	7421.1	7982.7	8476.1	8910.6	9280.1
-37.5°	3298.9	3704.5	4154.1	4619.0	5181.1	5732.0	6276.2	6789.9	7243.5	7628.7	7951.7
-40°	2902.0	3217.1	3574.9	3931.9	4342.7	4728.5	5193.4	5615.9	5999.6	6351.5	6639.8
-42.5°	2544.9	2808.4	3075.6	3370.5	3656.7	3957.2	4276.3	4559.3	4868.9	5164.0	5402.5
-45°	2256.7	2454.6	2657.8	2891.9	3107.6	3344.2	3563.3	3760.0	3993.4	4198.9	4364.5
-47.5°	1997.0	2152.2	2320.4	2487.0	2656.8	2841.0	3005.4	3158.1	3322.7	3465.6	3580.2
-50°	1763.3	1889.4	2025.2	2150.9	2287.7	2422.4	2546.6	2667.0	2784.7	2886.5	2968.8
-52.5°	1558.1	1665.4	1768.3	1869.6	1978.1	2076.0	2163.6	2263.5	2352.0	2425.2	2482.2
-55°	1386.2	1468.7	1546.4	1632.7	1716.4	1792.8	1863.0	1935.0	2000.0	2057.1	2102.4
-57.5°	1226.8	1294.2	1359.6	1427.6	1491.6	1551.3	1609.6	1663.5	1710.0	1749.1	1781.1
-60°	1079.9	1135.3	1192.8	1246.3	1295.9	1341.5	1388.7	1430.6	1467.2	1497.8	1520.7
-62.5°	942.1	992.7	1035.1	1077.0	1120.3	1162.4	1188.6	1215.0	1240.8	1265.2	1286.0
-65°	798.9	840.6	877.7	909.2	935.5	965.9	992.8	1013.3	1027.8	1038.8	1048.2
-67.5°	677.4	705.1	732.3	755.6	779.9	802.8	822.8	839.5	852.8	861.6	866.5
-70°	569.1	592.6	615.4	636.8	657.3	673.5	686.2	697.2	706.3	708.0	707.2
-72.5°	471.6	494.3	515.9	536.5	554.6	566.6	574.5	581.0	586.0	570.1	547.2
-75°	382.9	404.4	424.3	442.9	459.9	469.1	474.4	478.8	482.2	454.3	417.6
-77.5°	305.2	323.1	337.4	351.5	365.4	370.6	373.1	375.0	376.3	348.5	314.3
-80°	219.4	233.1	244.5	255.4	265.8	268.4	268.3	266.9	264.0	241.6	216.1
-82.5°	139.4	145.9	151.7	157.4	163.0	166.9	169.8	172.0	173.3	156.9	138.5
-85°	68.6	70.1	70.9	71.4	71.3	73.6	75.8	77.7	79.4	72.0	63.8
-87.5°	15.6	15.1	14.6	14.1	13.4	13.2	12.9	12.5	12.2	11.3	10.3
-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: P627643 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-735-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°	9.4	8.4	7.3	6.3	7.3	8.4	9.4	10.3	11.3	12.2	12.5
85°	55.2	46.2	45.3	44.3	45.3	46.2	55.2	63.8	72.0	79.4	77.7
82.5°	119.0	98.9	95.8	92.7	95.8	98.9	119.0	138.5	156.9	173.3	172.0
80°	189.6	162.2	156.9	151.8	156.9	162.2	189.6	216.1	241.6	264.0	266.9
77.5°	278.2	240.7	229.7	219.2	229.7	240.7	278.2	314.3	348.5	376.3	375.0
75°	379.5	340.0	326.6	314.1	326.6	340.0	379.5	417.6	454.3	482.2	478.8
72.5°	524.0	499.9	475.6	449.0	475.6	499.9	524.0	547.2	570.1	586.0	581.0
70°	706.5	704.8	698.7	689.2	698.7	704.8	706.5	707.2	708.0	706.3	697.2
67.5°	868.7	868.0	870.1	870.5	870.1	868.0	868.7	866.5	861.6	852.8	839.5
65°	1054.0	1056.0	1060.4	1062.3	1060.4	1056.0	1054.0	1048.2	1038.8	1027.8	1013.3
62.5°	1301.9	1312.7	1318.0	1317.4	1318.0	1312.7	1301.9	1286.0	1265.2	1240.8	1215.0
60°	1537.7	1548.9	1555.9	1557.6	1555.9	1548.9	1537.7	1520.7	1497.8	1467.2	1430.6
57.5°	1806.5	1824.8	1834.5	1835.9	1834.5	1824.8	1806.5	1781.1	1749.1	1710.0	1663.5
55°	2137.2	2161.4	2172.3	2171.0	2172.3	2161.4	2137.2	2102.4	2057.1	2000.0	1935.0
52.5°	2525.3	2554.9	2577.0	2590.5	2577.0	2554.9	2525.3	2482.2	2425.2	2352.0	2263.5
50°	3030.7	3073.1	3100.1	3111.1	3100.1	3073.1	3030.7	2968.8	2886.5	2784.7	2667.0
47.5°	3663.0	3719.2	3760.8	3789.8	3760.8	3719.2	3663.0	3580.2	3465.6	3322.7	3158.1
45°	4486.7	4572.3	4630.5	4664.5	4630.5	4572.3	4486.7	4364.5	4198.9	3993.4	3760.0
42.5°	5588.7	5721.6	5803.1	5834.3	5803.1	5721.6	5588.7	5402.5	5164.0	4868.9	4559.3
40°	6867.6	7027.3	7132.0	7204.4	7132.0	7027.3	6867.6	6639.8	6351.5	5999.6	5615.9
37.5°	8199.7	8367.4	8469.4	8538.6	8469.4	8367.4	8199.7	7951.7	7628.7	7243.5	6789.9
35°	9558.6	9734.1	9829.8	9883.4	9829.8	9734.1	9558.6	9280.1	8910.6	8476.1	7982.7
32.5°	10953.7	11147.2	11251.2	11358.8	11251.2	11147.2	10953.7	10629.9	10204.9	9717.1	9176.1
30°	12410.9	12632.8	12741.7	12794.2	12741.7	12632.8	12410.9	12024.1	11534.6	10991.5	10380.1
27.5°	13927.1	14203.8	14340.2	14429.9	14340.2	14203.8	13927.1	13475.5	12916.0	12302.1	11600.6
25°	15504.8	15847.7	16003.7	16143.5	16003.7	15847.7	15504.8	14977.1	14352.4	13647.9	12844.5
22.5°	17141.6	17568.6	17749.5	17848.7	17749.5	17568.6	17141.6	16522.1	15819.0	15016.8	14118.2
20°	18821.2	19331.4	19582.6	19711.9	19582.6	19331.4	18821.2	18117.5	17303.6	16377.4	15376.4
17.5°	20538.8	21173.4	21498.5	21573.1	21498.5	21173.4	20538.8	19745.7	18801.5	17747.7	16603.3
15°	22224.9	22911.3	23295.6	23436.4	23295.6	22911.3	22224.9	21330.7	20276.6	19079.6	17791.5
12.5°	23821.7	24533.2	24992.3	25074.1	24992.3	24533.2	23821.7	22853.0	21714.9	20333.0	18907.0
10°	25269.8	26006.9	26514.1	26629.7	26514.1	26006.9	25269.8	24200.5	22898.9	21433.0	19861.9
7.5°	26480.6	27289.3	27849.6	27947.0	27849.6	27289.3	26480.6	25340.4	23900.3	22320.7	20644.0
5°	27366.4	28326.5	28786.4	28901.9	28786.4	28326.5	27366.4	26121.6	24629.1	22968.2	21215.4
2.5°	27852.3	28829.7	29468.9	29395.1	29468.9	28829.7	27852.3	26609.7	25076.0	23353.4	21554.4
0°	27907.0	28929.3	29540.5	29823.0	29540.5	28929.3	27907.0	26714.0	25185.8	23487.0	21617.4
-2.5°	27852.3	28829.7	29468.9	29395.1	29468.9	28829.7	27852.3	26609.7	25076.0	23353.4	21554.4
-5°	27366.4	28326.5	28786.4	28901.9	28786.4	28326.5	27366.4	26121.6	24629.1	22968.2	21215.4
-7.5°	26480.6	27289.3	27849.6	27947.0	27849.6	27289.3	26480.6	25340.4	23900.3	22320.7	20644.0
-10°	25269.8	26006.9	26514.1	26629.7	26514.1	26006.9	25269.8	24200.5	22898.9	21433.0	19861.9
-12.5°	23821.7	24533.2	24992.3	25074.1	24992.3	24533.2	23821.7	22853.0	21714.9	20333.0	18907.0
-15°	22224.9	22911.3	23295.6	23436.4	23295.6	22911.3	22224.9	21330.7	20276.6	19079.6	17791.5
-17.5°	20538.8	21173.4	21498.5	21573.1	21498.5	21173.4	20538.8	19745.7	18801.5	17747.7	16603.3
-20°	18821.2	19331.4	19582.6	19711.9	19582.6	19331.4	18821.2	18117.5	17303.6	16377.4	15376.4



REPORT NUMBER: P627643 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-735-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	17141.6	17568.6	17749.5	17848.7	17749.5	17568.6	17141.6	16522.1	15819.0	15016.8	14118.2
-25°	15504.8	15847.7	16003.7	16143.5	16003.7	15847.7	15504.8	14977.1	14352.4	13647.9	12844.5
-27.5°	13927.1	14203.8	14340.2	14429.9	14340.2	14203.8	13927.1	13475.5	12916.0	12302.1	11600.6
-30°	12410.9	12632.8	12741.7	12794.2	12741.7	12632.8	12410.9	12024.1	11534.6	10991.5	10380.1
-32.5°	10953.7	11147.2	11251.2	11358.8	11251.2	11147.2	10953.7	10629.9	10204.9	9717.1	9176.1
-35°	9558.6	9734.1	9829.8	9883.4	9829.8	9734.1	9558.6	9280.1	8910.6	8476.1	7982.7
-37.5°	8199.7	8367.4	8469.4	8538.6	8469.4	8367.4	8199.7	7951.7	7628.7	7243.5	6789.9
-40°	6867.6	7027.3	7132.0	7204.4	7132.0	7027.3	6867.6	6639.8	6351.5	5999.6	5615.9
-42.5°	5588.7	5721.6	5803.1	5834.3	5803.1	5721.6	5588.7	5402.5	5164.0	4868.9	4559.3
-45°	4486.7	4572.3	4630.5	4664.5	4630.5	4572.3	4486.7	4364.5	4198.9	3993.4	3760.0
-47.5°	3663.0	3719.2	3760.8	3789.8	3760.8	3719.2	3663.0	3580.2	3465.6	3322.7	3158.1
-50°	3030.7	3073.1	3100.1	3111.1	3100.1	3073.1	3030.7	2968.8	2886.5	2784.7	2667.0
-52.5°	2525.3	2554.9	2577.0	2590.5	2577.0	2554.9	2525.3	2482.2	2425.2	2352.0	2263.5
-55°	2137.2	2161.4	2172.3	2171.0	2172.3	2161.4	2137.2	2102.4	2057.1	2000.0	1935.0
-57.5°	1806.5	1824.8	1834.5	1835.9	1834.5	1824.8	1806.5	1781.1	1749.1	1710.0	1663.5
-60°	1537.7	1548.9	1555.9	1557.6	1555.9	1548.9	1537.7	1520.7	1497.8	1467.2	1430.6
-62.5°	1301.9	1312.7	1318.0	1317.4	1318.0	1312.7	1301.9	1286.0	1265.2	1240.8	1215.0
-65°	1054.0	1056.0	1060.4	1062.3	1060.4	1056.0	1054.0	1048.2	1038.8	1027.8	1013.3
-67.5°	868.7	868.0	870.1	870.5	870.1	868.0	868.7	866.5	861.6	852.8	839.5
-70°	706.5	704.8	698.7	689.2	698.7	704.8	706.5	707.2	708.0	706.3	697.2
-72.5°	524.0	499.9	475.6	449.0	475.6	499.9	524.0	547.2	570.1	586.0	581.0
-75°	379.5	340.0	326.6	314.1	326.6	340.0	379.5	417.6	454.3	482.2	478.8
-77.5°	278.2	240.7	229.7	219.2	229.7	240.7	278.2	314.3	348.5	376.3	375.0
-80°	189.6	162.2	156.9	151.8	156.9	162.2	189.6	216.1	241.6	264.0	266.9
-82.5°	119.0	98.9	95.8	92.7	95.8	98.9	119.0	138.5	156.9	173.3	172.0
-85°	55.2	46.2	45.3	44.3	45.3	46.2	55.2	63.8	72.0	79.4	77.7
-87.5°	9.4	8.4	7.3	6.3	7.3	8.4	9.4	10.3	11.3	12.2	12.5
-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: P627643 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.9	13.2	13.4	14.1	14.6	15.1	15.6	15.1	14.6	14.0	13.5
85°	75.8	73.6	71.3	71.4	70.9	70.1	68.6	61.5	54.7	48.3	42.8
82.5°	169.8	166.9	163.0	157.4	151.7	145.9	139.4	124.6	110.4	96.7	85.4
80°	268.3	268.4	265.8	255.4	244.5	233.1	219.4	196.0	173.3	152.2	137.4
77.5°	373.1	370.6	365.4	351.5	337.4	323.1	305.2	274.8	244.5	215.4	196.5
75°	474.4	469.1	459.9	442.9	424.3	404.4	382.9	356.7	326.6	292.5	267.7
72.5°	574.5	566.6	554.6	536.5	515.9	494.3	471.6	445.9	416.4	382.9	357.8
70°	686.2	673.5	657.3	636.8	615.4	592.6	569.1	542.8	512.1	478.7	452.2
67.5°	822.8	802.8	779.9	755.6	732.3	705.1	677.4	647.4	616.4	581.3	547.9
65°	992.8	965.9	935.5	909.2	877.7	840.6	798.9	762.4	726.5	687.0	643.2
62.5°	1188.6	1162.4	1120.3	1077.0	1035.1	992.7	942.1	891.1	842.0	792.4	741.3
60°	1388.7	1341.5	1295.9	1246.3	1192.8	1135.3	1079.9	1021.7	960.9	901.2	840.2
57.5°	1609.6	1551.3	1491.6	1427.6	1359.6	1294.2	1226.8	1154.4	1085.4	1013.3	940.2
55°	1863.0	1792.8	1716.4	1632.7	1546.4	1468.7	1386.2	1303.3	1219.5	1128.6	1048.0
52.5°	2163.6	2076.0	1978.1	1869.6	1768.3	1665.4	1558.1	1464.0	1361.5	1260.6	1160.2
50°	2546.6	2422.4	2287.7	2150.9	2025.2	1889.4	1763.3	1639.6	1515.6	1398.7	1281.8
47.5°	3005.4	2841.0	2656.8	2487.0	2320.4	2152.2	1997.0	1833.3	1691.2	1543.9	1414.0
45°	3563.3	3344.2	3107.6	2891.9	2657.8	2454.6	2256.7	2068.6	1881.7	1715.5	1549.6
42.5°	4276.3	3957.2	3656.7	3370.5	3075.6	2808.4	2544.9	2321.9	2102.7	1896.9	1709.9
40°	5193.4	4728.5	4342.7	3931.9	3574.9	3217.1	2902.0	2593.0	2343.9	2100.1	1872.1
37.5°	6276.2	5732.0	5181.1	4619.0	4154.1	3704.5	3298.9	2935.1	2596.2	2319.0	2055.9
35°	7421.1	6806.5	6146.7	5488.2	4809.4	4264.8	3749.5	3301.2	2905.8	2548.3	2245.1
32.5°	8563.6	7888.8	7162.3	6411.2	5648.6	4886.3	4267.8	3712.5	3217.8	2810.6	2451.8
30°	9705.5	8964.9	8169.1	7348.8	6512.2	5656.6	4812.6	4164.1	3583.2	3072.6	2659.8
27.5°	10851.2	10048.6	9177.7	8275.1	7373.3	6440.3	5505.1	4629.9	3951.5	3374.4	2888.1
25°	11998.1	11100.5	10165.6	9183.1	8199.8	7208.1	6174.8	5199.2	4364.5	3676.4	3098.5
22.5°	13148.5	12140.7	11098.3	10043.0	8985.7	7925.9	6844.5	5756.8	4755.8	3983.5	3344.8
20°	14285.1	13153.3	12012.3	10868.3	9728.5	8595.2	7464.7	6303.6	5215.7	4301.5	3574.6
17.5°	15379.9	14122.6	12883.9	11643.8	10424.6	9223.1	8020.7	6808.1	5626.5	4584.6	3777.5
15°	16422.6	15050.7	13705.4	12373.7	11058.1	9767.7	8513.1	7251.1	6000.0	4879.8	4000.1
12.5°	17406.5	15909.2	14443.6	12998.3	11600.5	10247.9	8943.6	7640.0	6351.8	5167.4	4198.4
10°	18246.7	16640.4	15063.0	13538.8	12070.1	10656.4	9298.8	7969.1	6653.4	5406.7	4360.7
7.5°	18930.0	17228.4	15565.0	13965.9	12438.3	10981.6	9573.2	8221.5	6892.3	5593.7	4485.9
5°	19429.3	17660.7	15937.0	14282.4	12693.4	11218.3	9766.7	8394.2	7065.3	5726.7	4573.4
2.5°	19738.9	17922.4	16158.2	14474.7	12841.8	11360.4	9879.0	8498.6	7164.1	5799.9	4628.4
0°	19796.3	18044.7	16227.8	14495.2	12927.0	11403.1	9908.7	8536.5	7189.6	5815.4	4645.5
-2.5°	19738.9	17922.4	16158.2	14474.7	12841.8	11360.4	9879.0	8498.6	7164.1	5799.9	4628.4
-5°	19429.3	17660.7	15937.0	14282.4	12693.4	11218.3	9766.7	8394.2	7065.3	5726.7	4573.4
-7.5°	18930.0	17228.4	15565.0	13965.9	12438.3	10981.6	9573.2	8221.5	6892.3	5593.7	4485.9
-10°	18246.7	16640.4	15063.0	13538.8	12070.1	10656.4	9298.8	7969.1	6653.4	5406.7	4360.7
-12.5°	17406.5	15909.2	14443.6	12998.3	11600.5	10247.9	8943.6	7640.0	6351.8	5167.4	4198.4
-15°	16422.6	15050.7	13705.4	12373.7	11058.1	9767.7	8513.1	7251.1	6000.0	4879.8	4000.1
-17.5°	15379.9	14122.6	12883.9	11643.8	10424.6	9223.1	8020.7	6808.1	5626.5	4584.6	3777.5
-20°	14285.1	13153.3	12012.3	10868.3	9728.5	8595.2	7464.7	6303.6	5215.7	4301.5	3574.6



REPORT NUMBER: P627643 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	13148.5	12140.7	11098.3	10043.0	8985.7	7925.9	6844.5	5756.8	4755.8	3983.5	3344.8
-25°	11998.1	11100.5	10165.6	9183.1	8199.8	7208.1	6174.8	5199.2	4364.5	3676.4	3098.5
-27.5°	10851.2	10048.6	9177.7	8275.1	7373.3	6440.3	5505.1	4629.9	3951.5	3374.4	2888.1
-30°	9705.5	8964.9	8169.1	7348.8	6512.2	5656.6	4812.6	4164.1	3583.2	3072.6	2659.8
-32.5°	8563.6	7888.8	7162.3	6411.2	5648.6	4886.3	4267.8	3712.5	3217.8	2810.6	2451.8
-35°	7421.1	6806.5	6146.7	5488.2	4809.4	4264.8	3749.5	3301.2	2905.8	2548.3	2245.1
-37.5°	6276.2	5732.0	5181.1	4619.0	4154.1	3704.5	3298.9	2935.1	2596.2	2319.0	2055.9
-40°	5193.4	4728.5	4342.7	3931.9	3574.9	3217.1	2902.0	2593.0	2343.9	2100.1	1872.1
-42.5°	4276.3	3957.2	3656.7	3370.5	3075.6	2808.4	2544.9	2321.9	2102.7	1896.9	1709.9
-45°	3563.3	3344.2	3107.6	2891.9	2657.8	2454.6	2256.7	2068.6	1881.7	1715.5	1549.6
-47.5°	3005.4	2841.0	2656.8	2487.0	2320.4	2152.2	1997.0	1833.3	1691.2	1543.9	1414.0
-50°	2546.6	2422.4	2287.7	2150.9	2025.2	1889.4	1763.3	1639.6	1515.6	1398.7	1281.8
-52.5°	2163.6	2076.0	1978.1	1869.6	1768.3	1665.4	1558.1	1464.0	1361.5	1260.6	1160.2
-55°	1863.0	1792.8	1716.4	1632.7	1546.4	1468.7	1386.2	1303.3	1219.5	1128.6	1048.0
-57.5°	1609.6	1551.3	1491.6	1427.6	1359.6	1294.2	1226.8	1154.4	1085.4	1013.3	940.2
-60°	1388.7	1341.5	1295.9	1246.3	1192.8	1135.3	1079.9	1021.7	960.9	901.2	840.2
-62.5°	1188.6	1162.4	1120.3	1077.0	1035.1	992.7	942.1	891.1	842.0	792.4	741.3
-65°	992.8	965.9	935.5	909.2	877.7	840.6	798.9	762.4	726.5	687.0	643.2
-67.5°	822.8	802.8	779.9	755.6	732.3	705.1	677.4	647.4	616.4	581.3	547.9
-70°	686.2	673.5	657.3	636.8	615.4	592.6	569.1	542.8	512.1	478.7	452.2
-72.5°	574.5	566.6	554.6	536.5	515.9	494.3	471.6	445.9	416.4	382.9	357.8
-75°	474.4	469.1	459.9	442.9	424.3	404.4	382.9	356.7	326.6	292.5	267.7
-77.5°	373.1	370.6	365.4	351.5	337.4	323.1	305.2	274.8	244.5	215.4	196.5
-80°	268.3	268.4	265.8	255.4	244.5	233.1	219.4	196.0	173.3	152.2	137.4
-82.5°	169.8	166.9	163.0	157.4	151.7	145.9	139.4	124.6	110.4	96.7	85.4
-85°	75.8	73.6	71.3	71.4	70.9	70.1	68.6	61.5	54.7	48.3	42.8
-87.5°	12.9	13.2	13.4	14.1	14.6	15.1	15.6	15.1	14.6	14.0	13.5
-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: P627643 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-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°	15.0	16.3	17.3	18.1	18.7	19.0	19.0	18.7	18.0	16.9	15.7
85°	44.7	45.6	45.4	44.1	41.1	38.0	38.0	37.5	35.9	33.9	31.4
82.5°	88.7	91.5	93.0	92.4	86.7	80.6	74.2	67.4	60.2	51.9	47.1
80°	142.6	145.7	146.8	144.4	134.2	123.2	113.7	104.0	94.4	83.5	71.4
77.5°	200.7	203.1	203.6	199.9	187.0	172.9	157.9	142.1	128.6	115.1	100.1
75°	263.2	264.0	263.4	256.6	240.8	222.7	204.4	184.8	165.1	146.7	128.7
72.5°	344.3	333.3	324.9	314.0	296.5	276.1	252.9	226.8	201.9	178.5	156.7
70°	429.1	405.7	387.6	370.8	351.5	330.0	304.2	271.3	238.0	209.6	183.2
67.5°	517.7	488.6	459.5	429.0	405.2	380.9	354.8	315.3	275.4	240.2	209.1
65°	603.9	568.1	535.1	495.4	460.8	431.2	401.7	357.0	311.4	270.3	234.5
62.5°	690.8	642.8	601.4	558.5	516.6	480.0	446.7	395.8	345.9	299.3	258.5
60°	780.0	723.7	667.4	617.9	570.6	526.1	484.7	433.4	379.3	326.8	281.3
57.5°	872.6	804.9	740.5	678.8	623.7	572.5	521.2	468.0	411.6	354.8	301.8
55°	965.9	889.5	813.9	743.1	677.9	619.5	559.1	501.1	442.6	382.1	318.1
52.5°	1066.1	976.6	891.2	808.6	734.0	665.4	599.6	533.6	472.0	408.3	335.9
50°	1172.2	1068.8	971.3	878.9	789.6	713.3	639.1	569.1	500.8	433.6	352.7
47.5°	1283.7	1166.6	1055.6	949.8	852.8	759.6	680.4	604.0	528.7	458.5	367.9
45°	1406.5	1267.2	1142.3	1026.1	913.4	812.2	721.2	637.7	559.0	476.4	381.6
42.5°	1529.8	1375.7	1232.1	1100.0	979.5	865.3	760.4	672.7	588.1	492.8	395.0
40°	1672.1	1486.7	1322.5	1179.3	1044.6	916.0	805.4	706.5	615.3	509.0	408.0
37.5°	1810.9	1606.1	1421.2	1255.0	1108.9	973.3	848.9	738.6	636.7	526.8	419.7
35°	1974.3	1729.5	1515.2	1335.1	1175.1	1027.8	889.8	771.4	660.2	543.8	430.2
32.5°	2133.1	1855.0	1620.9	1417.1	1237.6	1079.3	933.2	805.0	684.1	560.0	439.4
30°	2307.6	1991.6	1720.7	1493.9	1299.6	1132.4	977.0	836.6	708.3	575.3	448.3
27.5°	2475.1	2117.4	1817.7	1575.3	1365.2	1182.0	1017.4	866.2	732.5	591.3	459.4
25°	2641.2	2253.4	1924.6	1652.8	1425.4	1227.2	1054.6	893.9	756.2	609.2	469.4
22.5°	2821.5	2385.0	2020.9	1722.5	1479.9	1268.4	1090.1	924.1	778.0	626.3	478.1
20°	2987.2	2503.7	2107.0	1789.2	1534.0	1312.9	1123.3	951.2	797.6	642.3	485.6
17.5°	3143.5	2624.5	2203.0	1861.2	1585.2	1352.1	1152.5	975.0	814.8	657.1	491.5
15°	3307.6	2744.5	2289.4	1923.6	1629.5	1385.9	1177.6	995.5	829.7	670.4	497.2
12.5°	3447.7	2846.0	2362.0	1976.1	1666.7	1414.3	1198.6	1012.5	842.1	681.6	502.3
10°	3563.1	2928.4	2420.6	2018.6	1696.6	1437.0	1215.2	1026.3	852.5	690.4	505.1
7.5°	3653.0	2991.3	2464.9	2050.7	1719.6	1454.7	1229.1	1037.1	860.5	696.5	505.7
5°	3715.8	3035.2	2497.4	2073.2	1737.0	1467.5	1239.0	1044.2	865.9	699.9	504.2
2.5°	3748.8	3060.0	2517.4	2085.2	1747.0	1474.3	1244.6	1047.7	868.6	700.3	500.7
0°	3754.0	3064.7	2523.0	2086.7	1749.5	1475.4	1245.7	1047.6	868.4	697.7	495.3
-2.5°	3748.8	3060.0	2517.4	2085.2	1747.0	1474.3	1244.6	1047.7	868.6	700.3	500.7
-5°	3715.8	3035.2	2497.4	2073.2	1737.0	1467.5	1239.0	1044.2	865.9	699.9	504.2
-7.5°	3653.0	2991.3	2464.9	2050.7	1719.6	1454.7	1229.1	1037.1	860.5	696.5	505.7
-10°	3563.1	2928.4	2420.6	2018.6	1696.6	1437.0	1215.2	1026.3	852.5	690.4	505.1
-12.5°	3447.7	2846.0	2362.0	1976.1	1666.7	1414.3	1198.6	1012.5	842.1	681.6	502.3
-15°	3307.6	2744.5	2289.4	1923.6	1629.5	1385.9	1177.6	995.5	829.7	670.4	497.2
-17.5°	3143.5	2624.5	2203.0	1861.2	1585.2	1352.1	1152.5	975.0	814.8	657.1	491.5
-20°	2987.2	2503.7	2107.0	1789.2	1534.0	1312.9	1123.3	951.2	797.6	642.3	485.6

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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°	2821.5	2385.0	2020.9	1722.5	1479.9	1268.4	1090.1	924.1	778.0	626.3	478.1
-25°	2641.2	2253.4	1924.6	1652.8	1425.4	1227.2	1054.6	893.9	756.2	609.2	469.4
-27.5°	2475.1	2117.4	1817.7	1575.3	1365.2	1182.0	1017.4	866.2	732.5	591.3	459.4
-30°	2307.6	1991.6	1720.7	1493.9	1299.6	1132.4	977.0	836.6	708.3	575.3	448.3
-32.5°	2133.1	1855.0	1620.9	1417.1	1237.6	1079.3	933.2	805.0	684.1	560.0	439.4
-35°	1974.3	1729.5	1515.2	1335.1	1175.1	1027.8	889.8	771.4	660.2	543.8	430.2
-37.5°	1810.9	1606.1	1421.2	1255.0	1108.9	973.3	848.9	738.6	636.7	526.8	419.7
-40°	1672.1	1486.7	1322.5	1179.3	1044.6	916.0	805.4	706.5	615.3	509.0	408.0
-42.5°	1529.8	1375.7	1232.1	1100.0	979.5	865.3	760.4	672.7	588.1	492.8	395.0
-45°	1406.5	1267.2	1142.3	1026.1	913.4	812.2	721.2	637.7	559.0	476.4	381.6
-47.5°	1283.7	1166.6	1055.6	949.8	852.8	759.6	680.4	604.0	528.7	458.5	367.9
-50°	1172.2	1068.8	971.3	878.9	789.6	713.3	639.1	569.1	500.8	433.6	352.7
-52.5°	1066.1	976.6	891.2	808.6	734.0	665.4	599.6	533.6	472.0	408.3	335.9
-55°	965.9	889.5	813.9	743.1	677.9	619.5	559.1	501.1	442.6	382.1	318.1
-57.5°	872.6	804.9	740.5	678.8	623.7	572.5	521.2	468.0	411.6	354.8	301.8
-60°	780.0	723.7	667.4	617.9	570.6	526.1	484.7	433.4	379.3	326.8	281.3
-62.5°	690.8	642.8	601.4	558.5	516.6	480.0	446.7	395.8	345.9	299.3	258.5
-65°	603.9	568.1	535.1	495.4	460.8	431.2	401.7	357.0	311.4	270.3	234.5
-67.5°	517.7	488.6	459.5	429.0	405.2	380.9	354.8	315.3	275.4	240.2	209.1
-70°	429.1	405.7	387.6	370.8	351.5	330.0	304.2	271.3	238.0	209.6	183.2
-72.5°	344.3	333.3	324.9	314.0	296.5	276.1	252.9	226.8	201.9	178.5	156.7
-75°	263.2	264.0	263.4	256.6	240.8	222.7	204.4	184.8	165.1	146.7	128.7
-77.5°	200.7	203.1	203.6	199.9	187.0	172.9	157.9	142.1	128.6	115.1	100.1
-80°	142.6	145.7	146.8	144.4	134.2	123.2	113.7	104.0	94.4	83.5	71.4
-82.5°	88.7	91.5	93.0	92.4	86.7	80.6	74.2	67.4	60.2	51.9	47.1
-85°	44.7	45.6	45.4	44.1	41.1	38.0	38.0	37.5	35.9	33.9	31.4
-87.5°	15.0	16.3	17.3	18.1	18.7	19.0	19.0	18.7	18.0	16.9	15.7
-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-SA5C-735-U-WR-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°	14.2	11.1	8.2	5.7	3.5	1.5	0.0
85°	28.3	22.1	16.4	11.4	7.0	3.0	0.0
82.5°	42.3	33.0	24.6	17.0	10.4	4.5	0.0
80°	57.5	43.8	32.6	22.6	13.8	6.0	0.0
77.5°	82.0	57.0	40.5	28.1	17.2	7.5	0.0
75°	105.9	74.5	49.1	33.6	20.5	8.9	0.0
72.5°	129.0	91.5	60.8	38.9	23.7	10.4	0.0
70°	150.9	107.8	72.2	44.4	26.9	11.8	0.0
67.5°	169.9	123.4	83.0	51.3	30.0	13.1	0.0
65°	188.0	137.7	93.3	57.9	32.9	14.5	0.0
62.5°	205.1	150.8	103.0	64.2	35.8	15.8	0.0
60°	221.1	163.1	112.1	70.1	38.6	17.0	0.0
57.5°	235.6	174.5	120.5	75.6	41.9	18.2	0.0
55°	248.9	185.0	128.4	80.7	45.1	19.4	0.0
52.5°	261.1	194.7	135.6	85.3	48.2	20.5	0.0
50°	272.2	203.6	142.1	89.5	51.2	21.5	0.0
47.5°	282.5	211.6	148.0	93.4	54.0	22.5	0.0
45°	294.1	218.7	153.1	97.2	56.7	23.5	0.0
42.5°	304.4	224.8	157.6	100.5	59.3	24.4	0.0
40°	313.4	230.0	161.6	104.2	61.6	25.2	0.0
37.5°	321.2	234.3	165.1	108.0	63.8	25.9	0.0
35°	327.6	239.1	168.1	111.5	65.9	26.6	0.0
32.5°	333.5	243.6	170.3	114.6	67.8	27.3	0.0
30°	340.1	247.2	171.9	117.4	69.5	27.8	0.0
27.5°	345.4	249.7	175.5	120.0	71.0	28.3	0.0
25°	349.6	251.2	179.1	122.2	72.4	28.7	0.0
22.5°	352.5	253.2	182.2	124.0	73.5	29.1	0.0
20°	354.2	257.7	184.9	125.6	74.5	29.4	0.0
17.5°	358.2	261.5	187.1	126.8	75.3	29.6	0.0
15°	362.9	264.5	188.9	127.7	76.0	29.8	0.0
12.5°	366.4	266.6	190.2	128.3	76.4	29.9	0.0
10°	368.5	268.0	191.1	128.5	76.7	29.9	0.0
7.5°	369.4	268.5	191.4	128.5	76.7	29.9	0.0
5°	369.0	268.3	191.3	128.1	76.6	29.8	0.0
2.5°	367.4	267.3	190.8	127.5	76.4	29.7	0.0
0°	364.6	265.6	189.7	126.5	75.9	29.5	0.0
-2.5°	367.4	267.3	190.8	127.5	76.4	29.7	0.0
-5°	369.0	268.3	191.3	128.1	76.6	29.8	0.0
-7.5°	369.4	268.5	191.4	128.5	76.7	29.9	0.0
-10°	368.5	268.0	191.1	128.5	76.7	29.9	0.0
-12.5°	366.4	266.6	190.2	128.3	76.4	29.9	0.0
-15°	362.9	264.5	188.9	127.7	76.0	29.8	0.0
-17.5°	358.2	261.5	187.1	126.8	75.3	29.6	0.0
-20°	354.2	257.7	184.9	125.6	74.5	29.4	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	352.5	253.2	182.2	124.0	73.5	29.1	0.0
-25°	349.6	251.2	179.1	122.2	72.4	28.7	0.0
-27.5°	345.4	249.7	175.5	120.0	71.0	28.3	0.0
-30°	340.1	247.2	171.9	117.4	69.5	27.8	0.0
-32.5°	333.5	243.6	170.3	114.6	67.8	27.3	0.0
-35°	327.6	239.1	168.1	111.5	65.9	26.6	0.0
-37.5°	321.2	234.3	165.1	108.0	63.8	25.9	0.0
-40°	313.4	230.0	161.6	104.2	61.6	25.2	0.0
-42.5°	304.4	224.8	157.6	100.5	59.3	24.4	0.0
-45°	294.1	218.7	153.1	97.2	56.7	23.5	0.0
-47.5°	282.5	211.6	148.0	93.4	54.0	22.5	0.0
-50°	272.2	203.6	142.1	89.5	51.2	21.5	0.0
-52.5°	261.1	194.7	135.6	85.3	48.2	20.5	0.0
-55°	248.9	185.0	128.4	80.7	45.1	19.4	0.0
-57.5°	235.6	174.5	120.5	75.6	41.9	18.2	0.0
-60°	221.1	163.1	112.1	70.1	38.6	17.0	0.0
-62.5°	205.1	150.8	103.0	64.2	35.8	15.8	0.0
-65°	188.0	137.7	93.3	57.9	32.9	14.5	0.0
-67.5°	169.9	123.4	83.0	51.3	30.0	13.1	0.0
-70°	150.9	107.8	72.2	44.4	26.9	11.8	0.0
-72.5°	129.0	91.5	60.8	38.9	23.7	10.4	0.0
-75°	105.9	74.5	49.1	33.6	20.5	8.9	0.0
-77.5°	82.0	57.0	40.5	28.1	17.2	7.5	0.0
-80°	57.5	43.8	32.6	22.6	13.8	6.0	0.0
-82.5°	42.3	33.0	24.6	17.0	10.4	4.5	0.0
-85°	28.3	22.1	16.4	11.4	7.0	3.0	0.0
-87.5°	14.2	11.1	8.2	5.7	3.5	1.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)